# HONEY RUN ACADEMY RELOCATED PORTABLES

## 622 PEARSON ROAD, PARADISE, CA, 95969
## PARADISE UNIFIED SCHOOL

DSA File No. 4-48
App. No. 02-124033
PTN. 61531-87

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TOTAL SHEET COUNT: 91


## PROJECT DIRECTORY


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## DSA REQUIREMENTS

1. ALL WORK SHALL CONFORM TO THE 2025 EDITION OF THE TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
2. AS A FACILITY WHICH COMES UNDER THE APPROVAL AND AUTHORITY OF THE DIVISION OF THE STATE ARCHITECT (DSA), THIS PROJECT IS SUBJECT TO DRAWING AND JOB SITE REVIEW BY A REPRESENTATIVE OF DSA.
3. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS AFFECTING FLS, SSS, AND/OR ACS SHALL BE MADE BY ADDENDA OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR AND DSA IR A-6.
4. A DSA CERTIFIED PROJECT INSPECTOR MIN. CLASS 3 EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
5. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
6. A COPY OF PART 1 TO PART 5 & 9 OF TITLE 24 SHALL BE KEPT AND BE AVAILABLE IN THE FIELD DURING CONSTRUCTION.
7. DSA SHALL BE NOTIFIED OF THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24, CCR
8. THE DIVISION OF THE STATE ARCHITECT IS EXEMPT FROM ARBITRATION OR MEDIATION PROCEDURES.
9. SUPERVISION BY THE DIVISION OF THE STATE ARCHITECT IS PER SECTION 4-334, PART 1, TITLE 24, CCR
10. ADMINISTRATION OF CONSTRUCTION PER PART 1, TITLE 24, CCR:
    - VERIFIED REPORTS PER SECT 4-336; PART 1, TITLE 24 CCR
    - DUTIES OF ARCHITECT PER SECT 4-331, 4-341; PART 1, TITLE 24 CCR
    - DUTIES OF CONTRACTOR PER SECT. 4-343; PART 1, TITLE 24
11. TESTING AND INSPECTION:
    - INSPECTOR APPROVED BY DSA AS PER SECT. 4-333(D); PART 1, TITLE 24, CCR
    - TESTS AND TESTING LABORATORIES PER SECT 4-335
    - SPECIAL INSPECTION PER SECT. 4-333(C)
12. CHANGES IN LEVEL FOR FLOOR FINISHES SHALL CONFORM WITH CBC SECTION 11B-303.
13. ALL TESTS TO CONFORM TO REQUIREMENTS OF SECTION 4-335; PART 1, TITLE 24, CCR
14. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335; PART 1, TITLE 24, CCR AND THE DISTRICT SHALL EMPLOY AND PAY THE DSA ACCEPTED LABORATORY. COSTS OF RE-TEST MAY BE CHARGED TO THE CONTRACTOR.
15. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(B).
16. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR)
17. INSPECTOR OF RECORD REQUIREMENTS:
    A. ONE OR MORE INSPECTORS EMPLOYED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS WILL BE ASSIGNED TO THE WORK. THE INSPECTOR'S DUTIES ARE SPECIFICALLY DEFINED IN SECTION 4-342 OF SAID TITLE 24; PART 1 AND IN ADDITION, SHALL BE STIPULATED IN INTERPRETATION OF REGULATION DOCUMENT IR A-8.
    B. INSPECTOR SHALL BE CERTIFIED AS A CLASS 3 INSPECTOR THROUGH THE DIVISION OF THE STATE ARCHITECT INSPECTOR EXAMINATION PROGRAM. INSPECTOR SHALL ALSO BE SPECIFICALLY APPROVED BY THE DIVISION OF THE STATE ARCHITECT FOR THIS PROJECT AT LEAST 10 DAYS PRIOR TO THE START OF ANY WORK FOR THIS PROJECT.
18. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDUM, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION PER DSA IR A-6 AND SECTION 338(C) PART 1, TITLE 24 CCR.

## DEFERRED APPROVALS

1. NONE.

## ADD ALTERNATES

1. NONE.

## CODES AND REGULATIONS

**LIST OF APPLICABLE CODES:**
2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
2025 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR
2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2025 CALIFORNIA WILDLAND URBAN INTERFACE CODE, PART 7

**APPLICABLE STANDARDS**
FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

## CLIMATE ZONE

CLIMATE ZONE 11 PER TITLE 24

## PROJECT DESCRIPTION

APN: 054-050-028

THE PROJECT SCOPE HAS BEEN IDENTIFIED TO INCLUDE THE FOLLOWING:

THE RELOCATION OF THREE (3) RELOCATED PC 24'X40' CLASSROOM BUILDINGS, ASSOCIATED UTILITIES AND SITEWORK AS INDICATED TO MEET CURRENT CODE. SITEWORK TO INCLUDE A NEW PARKING LOT, LANDSCAPE AND SECURITY FENCING.
PROPOSED PORTABLES TO BE USED ON A PERMANENT BASIS.

**PORTABLE 1:**
APP #64560 - PC 147 (SERIAL NUMBER: 3599-1)
APP #02-121161
APP #02-122123

**PORTABLE 2:**
APP #64560 - PC 147 (SERIAL NUMBER: 3595-2)
APP #02-121161
APP #02-122123

**PORTABLE 3:**
APP #64560 - PC 147 (SERIAL NUMBER: 3598-2)
APP #02-122123

**DETERIORATION OF EXISTING NON-COMPLIANT CONSTRUCTION:**
IF ANY CONDITION IS DISCOVERED WHICH, IF LEFT UNCORRECTED, WOULD MAKE THE BUILDING NON-COMPLIANT WITH THE REQUIREMENTS OF THE EDITION OF CBC IN FORCE AT THE TIME OF ORIGINAL CONSTRUCTION, THE CONDITION MUST BE CORRECTED IN ACCORDANCE WITH CURRENT CODE REQUIREMENTS. A CONSTRUCTION CHANGE DOCUMENT (CCD-TYPE A), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS DETAILIND AND SPECIFYING THE REQUIRED REPAIR WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE REPAIR WORK.

## STATEMENT OF GENERAL CONFORMANCE

*STATEMENT OF GENERAL CONFORMANCE AND SIGNATURE BLOCK PER IR A-18*

**STATEMENT OF GENERAL CONFORMANCE**

Application No.: 02-124033

File No.: 04-48

The drawings identified as follows:

☒ All drawing sheets included in this set not bearing my stamp and signature.
☐ Drawing sheets denoted in the sheet index as follows: _____
☐ Drawing sheets included under the following PC approval(s): _____

have been prepared by other design professionals or consultants who are licensed and authorized to prepare such drawings (plans) in this state. They have been examined by me for:

1) Design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
2) Coordination with my drawings (plans) and specifications and are acceptable for incorporation into the construction of this project.

Per Title 24, Part 1, Section 4-316(b): This Statement of General Conformance shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344 of Title 24, Part 1.

| | | |
|---|---|---|
| Signature | | **04/06/2026** Date |
| **Brian Whitmore** Printed Name | **C30345** License Number | **09/30/2027** Expiration Date |

## CBC CHAPTER 7A COMPLIANCE

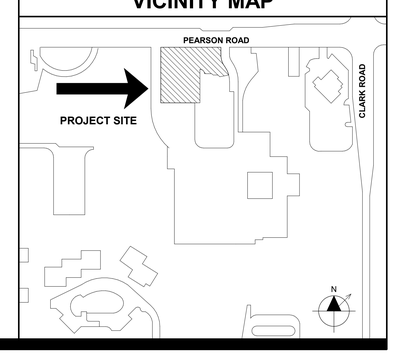
CBC SECTION 705A -ROOFING
- ROOFS SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7A AND CHAPTER 15. ROOFS SHALL HAVE A ROOFING ASSEMBLY INSTALLED IN ACCORDANCE WITH ITS LISTING AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ROOF ASSEMBLIES IN THE FIRE HAZARD SEVERITY ZONES SHALL BE CLASS A RATING WHEN TESTED IN ACCORDANCE WITH ASTM E108 OR UL790.
- REFER TO RELOCATABLE SHEET 8 -MATERIAL SPECIFICATIONS: ROOFING .01.

CBC SECTION 706A -VENTS
- VENTILATION OPENINGS SHALL BE FULLY COVERED WITH WILDFIRE FLAM AND EMBER RESISTANT VENTS APPROVED AND LISTED BY THE CALIFORN STATE FIRE MARSHAL, OR WUI VENTS TESTED TO ASTM E2886 AND LISTED BY COMPLYING WITH ALL OF THE FOLLOWING REQUIREMENTS:
  1. THERE SHALL BE NO FLAMING IGNITION OF THE COTTON MATERIAL DURING THE EMBER INTRUSION TEST.
  2. THERE SHALL BE NO FLAMING IGNITION DURING THE INTEGRITY TEST PORTION OF THE FLAME INTRUSION TEST.
  3. THE MAXIMUM TEMPERATURE OF THE UNEXPOSED SIDE OF THE VENT SHALL NOT EXCEED 662°F (350°C).
- REFER TO 10/A10.2.1.

CBC SECTION 707A -EXTERIOR COVERING
- RELOCATABLESHEET 8 -MATERIAL SPECIFICATIONS: .08 EXTERIOR SHEATHING
- A11.1 061000 ROUGH CARPENTRY SECTION 2.1.8 & 9.
- REFER TO RELOCATABLE SHEET 11 DETAILS 5 & 6.

CBC SECTION 708A -EXTERIOR WINDOWS, SKYLIGHTS AND DOORS
- EXTERIOR DOORS: METAL DOORS -3'-0" X 7'-0" HOLLOW METAL DOOR CONSTRUCTION OF 1 SHEET OF 18 GA. GRADE II STEEL ASSEMBLED PER CS242 MINIMUM, AND REINFORCED WITH 20 GA. MINIMUM. FILL DOOR SPACES WITH MINERAL WOOL OR OTHER INSULATION. (REINFORCE BOTH FACES FOR CLOSURE.) PROVIDE FLUSH TOP ON DOORS. HARDWARE REINFORCEMENT SHALL BE 10 GA. MIN. FOR HINGES, DOOR FRAME SHALL BE 16 GA. PRESSED STEEL FRAME ASTM A366 AND CS242. HARDWARE REINFORCEMENT SHALL BE 10 GA. PLATE. FRAMES SHALL BE DESIGNED WITH INTEGRAL STOP AND TRIM. PROVIDE (3) ANCHORS PER JAMB PLUS ADJUSTABLE FLOOR ANCHOR. ROOMS WITH AN OCCUPANCT LOAD OF FIV OR MORE SHALL HAVE DOOR HARDWARE CAPABLE OF BEING LOCKED FROM THE INSIDE (PER CBC 1010.2.8.2).
- EXISTING EXTERIOR WINDOW: PROVIDE ANODIZED ALUMINUM FRAME 5/8" MINIMUM DUAL PANE WINDOW UNITS, AS SHOWN ON FLOOR PLANS. THE 5/8" DIMENSION IS THE MINIMUM THICKNESS FOR THE DUAL GLAZED WINDOW PANEL CONSISTING OF TWO LITES OF GLASS AND THE AIR SPACE.
- GLAZING MATERIAL SHALL BE: EXTERIOR LITE -3/16" MINIMUM TEMPERED GLASS OR LAMINATED AS 1 GLASS OF SOLAR GRAY GLARE REDUCING TYP WITH A LIGHT TRANSMISSION FACTOR OF 45% MAXIMUM. INTERIOR LITE -1/8" MINIMUM CLEAR TEMPERRED. MINIMUM AIR SPACE SHALL BE 1/4 SPACE - BENT OR SEALED CORNER ALUMINUM WITH DESICCANT FILL SEALER -BUTYL PRIMARY SEAL AND POLYSULFIDE OR SILICONE SECONDARY SEAL. CERTIFICATION -ALL GLAZING TO BE CERTIFIED IN ACCORDANCE WITH ASTM E-773 AND E-774.

## VICINITY MAP




DSA STAMP


STUDIO W ARCHITECTS

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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P WHITMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA<br>DATE SIGNED: 04/06/2026 | |

GENERAL NOTES
1. This sheet is part of a set and is not to be used alone.
2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicated drawings have been released for construction.
3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden.
4. Copyright Studio W Associates, Inc. 2026.

REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

COVER SHEET

| | |
|---|---|
| Date 04/06/2026 | Project Number 25044 |
| Application Number 02-124033 | Drawing Number A0.1 |
| Drawn A.F. / Checked C.P. | |

PRINT DATE: 4/6/2026 2:59:04 PM
FILE PATH: Autodesk Docs://25044 Paradise (USD Honey Run/25044-Paradise (USD Honey Run-A20.rvt

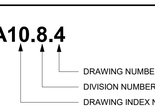
## DRAWING DISCIPLINE PREFIX

A. ARCHITECTURAL
C. CIVIL
E. ELECTRICAL
L. LANDSCAPING
M. MECHANICAL
P. PLUMBING

## DRAWING INDEX CODE

A0. GENERAL INFORMATION
A1. SITE PLANS
A2. FLOOR PLANS
A3. REFLECTED CEILING PLANS
A4. ROOF PLANS
A5. EXTERIOR ELEVATIONS
A6. BUILDING SECTIONS
A7. ENLARGED PLANS
A8. INTERIOR ELEVATIONS
A9. SCHEDULES
A10. CONSTRUCTION DETAILS

## DETAIL DRAWING CODE




THE DIVISION PREFIX NUMBERS ARE THOSE IDENTIFIED BY THE 48 DIVISION GROUPING SYSTEM OF MASTERFORMAT AS PUBLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI) AND SHALL NOT BE SOLELY REPRESENTATIVE OF REQUIREMENTS FOR ANY ONE DIVISION. THOSE DIVISIONS NOTED AS BEING OMITTED ARE NOT APPLICABLE OR ARE INCLUDED UNDER DISCIPLINE DRAWINGS.

IN CASE OF DISCREPANCY BETWEEN THE INDEX AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.

## DIVISION NUMBER CODE

MASTERFORMAT NUMBERS AND TITLES AS PUBLISHED BY THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI).

DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS
DIVISION 01 GENERAL REQUIREMENTS
DIVISION 02 EXISTING CONDITIONS
DIVISION 03 CONCRETE
DIVISION 04 MASONRY
DIVISION 05 METALS
DIVISION 06 WOODS, PLASTICS, AND COMPOSITES
DIVISION 07 THERMAL AND MOISTURE PROTECTION
DIVISION 08 OPENINGS
DIVISION 09 FINISHES
DIVISION 10 SPECIALTIES
DIVISION 11 EQUIPMENT
DIVISION 12 FURNISHINGS
DIVISION 13 SPECIAL CONSTRUCTION
DIVISION 14 CONVEYING EQUIPMENT
DIVISION 21 FIRE SUPPRESSION
DIVISION 22 PLUMBING
DIVISION 23 HEATING, VENTILATING, AND AIR CONDITIONING (HVAC)
DIVISION 25 INTEGRATED AUTOMATION
DIVISION 26 ELECTRICAL
DIVISION 27 COMMUNICATIONS
DIVISION 28 ELECTRONIC SAFETY AND SECURITY
DIVISION 31 EARTHWORK
DIVISION 32 EXTERIOR IMPROVEMENTS
DIVISION 33 UTILITIES
DIVISION 34 TRANSPORTATION
DIVISION 35 WATERWAY AND MARINE CONSTRUCTION
DIVISION 40 PROCESS INTERCONNECTIONS
DIVISION 41 MATERIAL PROCESSING AND HANDLING EQUIPMENT
DIVISION 42 PROCESS HEATING, COOLING, AND DRYING EQUIPMENT
DIVISION 43 PROCESS GAS AND LIQUID HANDLING, PURIFICATION, AND STORAGE EQUIPMENT
DIVISION 44 POLLUTION AND WASTE CONTROL EQUIPMENT
DIVISION 45 INDUSTRY-SPECIFIC MANUFACTURING EQUIPMENT
DIVISION 46 WATER AND WASTEWATER EQUIPMENT
DIVISION 48 ELECTRICAL POWER GENERATION

## GENERAL NOTES

1. PRIOR TO SUBMITTING PROPOSAL, BIDDER SHALL EXAMINE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND SHALL HAVE VISITED THE CONSTRUCTION SITE. HE SHALL BE FAMILIAR WITH THE CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT. THE GENERAL CONTRACTOR SHALL NOT DISPUTE, COMPLAIN OR ASSERT THAT THERE IS ANY MISUNDERSTANDING IN REGARDS TO LOCATION, EXTENT, NATURE OR AMOUNT OF WORK TO BE PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTOR'S FAILURE TO INSPECT THE SITE. BIDDERS SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS, REQUIRING WORK, WHICH ARE NOT COVERED IN THE CONTRACT DOCUMENTS.
2. THERE WILL BE NO SUBSTITUTION FOR SPECIFIED ITEMS WITHOUT PRIOR APPROVAL UNLESS OTHERWISE NOTED. REQUESTS FOR SUBSTITUTIONS SHALL BE MADE IN ACCORDANCE WITH GENERAL CONDITIONS & DIVISION 1
3. THE GENERAL BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS REQUIRED BY GOVERNING AGENCIES IN ORDER TO PERFORM THE WORK
4. THE FINAL LOCATION OF ALL ELECTRICAL AND SIGNAL EQUIPMENT, PANEL BOARDS, FIXTURES, ETC., SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION.
5. DEFINITIONS
   A. "TYPICAL" MEANS IDENTICAL FOR ALL CONDITIONS, UNLESS OTHERWISE NOTED.
   B. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATIONS.
   C. "PROVIDE" MEANS TO FURNISH AND INSTALL.
   D. "FURNISH" MEANS TO FURNISH AND OTHERS WILL INSTALL.
6. DIMENSIONING RULES:
   A. ALL HORIZONTAL DIMENSIONS SHALL BE TO FACE OF STUD OR TO CENTERLINE OF COLUMN GRID LINE, U.O.N
   B. DIMENSIONS NOTED "CLEAR", "CLR", OR "MINIMUM" MUST BE PRECISELY MAINTAINED.
   C. DIMENSIONS CAN NOT BE MODIFIED WITHOUT APPROVAL OF THE ARCHITECT UNLESS OTHERWISE NOTED.
   D. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB UNLESS OTHERWISE NOTED.
   E. DO NOT SCALE DRAWINGS. IF ANY ITEM OF WORK CANNOT BE LOCATED, DO NOT PROCEED WITH THE WORK WITHOUT THE ARCHITECT'S APPROVAL.
   F. DIMENSIONS MARKED "V.I.F." OR "VERIFY" SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
   G. VERIFY ALL ROUGH OPENING DIMENSIONS FOR FABRICATED ITEMS WITH THE MANUFACTURER PRIOR TO PROCEEDING WITH CONSTRUCTION.
7. PROVIDE REQUIRED BACKING, BLOCKING, AND BRACING FOR ALL WALL - MOUNTED FIXTURES, ACCESSORIES AND EQUIPMENT.
8. VERIFY AND COORDINATE WALLS THAT MAY REQUIRE NON-TYPICAL THICKNESS OR FRAMING DUE TO ELECTRICAL, MECHANICAL, PLUMBING, STRUCTURAL AND/OR EQUIPMENT REQUIREMENTS.
9. ALL GLAZING SHALL CONFORM TO FEDERAL GLAZING REGULATIONS AND CHAPTER 24, CBC.
10. ALL CONTRACTORS SHALL REMOVE TRASH AND DEBRIS STEMMING FROM THEIR WORK ON A DAILY BASIS. PROJECT SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDITION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL LEFT-OVER MATERIALS, DEBRIS, TOOLS AND EQUIPMENT INVOLVED IN HIS OPERATIONS AT THE CONCLUSION OF THE INSTALLATION. HE SHALL LEAVE ALL AREAS CLEAN AND FREE FROM DUST.
12. HAZARDOUS MATERIALS: THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, DISPOSAL OF OR EXPOSURE OF PERSONS TO ASBESTOS OR HAZARDOUS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE. PROFESSIONAL SERVICES RELATED OR IN ANY WAY CONNECTED WITH THE INVESTIGATION, DETECTION, ABATEMENT, REPLACEMENT, USE, SPECIFICATION, OR REMOVAL OF PRODUCTS, MATERIALS, OR PROCESSES CONTAINING ASBESTOS OR HAZARDOUS OR TOXIC MATERIALS ARE BEYOND THE SCOPE OF THIS AGREEMENT.
13. THE GENERAL CONTRACTOR & SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES IN ALL AREAS OF NEW WORK PRIOR TO COMMENCEMENT OF EXCAVATION. EXISTING UTILITIES SHOWN ON THE DRAWING ARE APPROXIMATE ROUTING LOCATION AS BEST DETERMINED FROM EXISTING DRAWINGS AND THE SCHOOL DISTRICT, BUT SHOULD NOT BE CONSTRUED TO REPRESENT ALL THE EXISTING UNDERGROUND UTILITIES.
14. ALL TEMPORARY WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT
15. ALL WALL PENETRATIONS TO EXTERIOR WALLS SHALL BE SEALED AIR/WATER TIGHT. ALL INTERIOR PENETRATIONS SHALL BE SEALED TO PROVIDE A PROFESSIONAL AND FINISHED APPEARANCE.
16. THE DRAWINGS AND SPECIFICATIONS DO NOT UNDERTAKE TO SHOW OR LIST EVERY ITEM TO BE PROVIDED, BUT RATHER TO DEFINE THE REQUIREMENTS FOR A FULL AND WORKING SYSTEM FROM THE STANDPOINT OF THE END USER. FOR THIS REASON, WHEN AN ITEM NOT SHOWN OR LISTED IS CLEARLY NECESSARY FOR PROPER USE CONTROL/ OPERATION OF EQUIPMENT WHICH IS SHOWN OR LISTED, PROVIDE ALL ITEMS WHICH WILL ALLOW THE SYSTEM TO FUNCTION PROPERLY AT NO INCREASE IN CONTRACT PRICE OR TIME.
17. THE DETAILS REFLECT THE DESIGN INTENT FOR TYPICAL CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND SHALL INCLUDE, IN HIS SCOPE. THE COST FOR COMPLETE FINISHED INSTALLATIONS, INCLUDING ANOMALIES, OF ALL TRADES.
18. ALL WORK SHALL CONFORM TO CALIFORNIA CODES, TRADE STANDARDS WHICH GOVERN EACH PHASE OF THE PROJECT, AND ALL APPLICABLE LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
19. THIS DRAWING SET SHALL BE USED IN CONJUNCTION WITH THE CSI FORMAT PROJECT MANUAL PUBLISHED IN BOOK FORM, COMBINED, THEY ARE THE "CONTRACT DOCUMENTS".
20. NO WORK SHALL COMMENCE WITH UNAPPROVED MATERIALS. ANY WORK DONE WITH UNAPPROVED MATERIALS AND EQUIPMENT IS AT THE CONTRACTOR'S RISK. SEE SPECIFICATIONS FOR SUBMITTAL AND SUBSTITUTION REQUIREMENTS.
21. CONSTRUCTION MATERIAL STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE OR DETERIORATION. FAILURE IN THIS REGARD MAY BE CAUSE FOR REJECTION OF MATERIAL AND/OR WORK. SECURITY OF MATERIALS ARE THE SOLE RESPONSIBILITY OF CONTRACTOR.
22. ALL EQUIPMENT/CABINETS SHALL BE FABRICATED FROM FIELD VERIFIED DIMENSIONS AND APPROVED SHOP DRAWINGS. COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT WITH THIS WORK.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE AND COSTS ATTRIBUTED TO RAIN WATER DAMAGE DURING THE DURATION OF THIS PROJECT.
24. PROTECT AREAS FROM DAMAGE WHICH MAY OCCUR DUE TO TEMPERATURES, WIND, DUST, WATER, ETC. PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, ETC., AS REQUIRED DURING CONSTRUCTION.
25. MAINTAIN EXISTING PEDESTRIAN ACCESS ALONG EXISTING ADJACENT STREETS.
26. ALL PUBLIC IMPROVEMENTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST ADOPTED CITY/COUNTY STANDARDS.
27. ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE.
28. NOTIFY THE ARCHITECT IN WRITING AND SEEK CLARIFICATION IF ANY DISCREPANCIES OR OMISSIONS ARE FOUND. CONTRACTOR SHALL BE RESPONSIBLE FOR REMEDIAL WORK IF RELATED WORK IS CONTINUED AFTER A DISCREPANCY IS IDENTIFIED.
29. NEW FINISHES AND CONSTRUCTION SHALL BE PROTECTED BY THE CONTRACTOR FROM POTENTIAL DAMAGE CAUSED BY CONSTRUCTION ACTIVITY. DAMAGE TO FINISHES OR CONSTRUCTION SHALL BE REPAIRED OR REPLACED (OWNER'S DECISION) BY THE CONTRACTOR WITH IDENTICAL MATERIAL AND/OR FINISHES. CONTRACTOR SHALL MAKE AND MAINTAIN A PHOTOGRAPHIC RECORD NOTEBOOK WITH DATED/INDEXED PHOTOGRAPHS.
30. SEE ELECTRICAL DRAWINGS FOR INFORMATION RELATED TO TELECOMMUNICATION EQUIPMENT, POWER, AND LIGHTING FIXTURES AND EQUIPMENT. SEE ARCHITECTURAL PLANS, REFLECTED CEILING PLAN AND INTERIOR ELEVATIONS FOR COORDINATED EQUIPMENT LOCATIONS. IF NOT SHOWN, CONTACT ARCHITECT FOR REVIEW AND DECISION.
31. PROVIDE ACCESS DOORS REQUIRED FOR ACCESS TO CONCEALED MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT.
32. ALL NOTED WORK IS UNDERSTOOD TO BE NEW, UNLESS LABELED AS "(E)" OR "EXISTING".

## SUPPLEMENTAL GENERAL NOTES

1. THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
2. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREIN OR NOT AND TO PROTECT THEM FROM DAMAGE. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD ANY UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THIS WORK.
3. THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE PROPERTY OF STUDIO W ARCHITECTS, AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF STUDIO W ARCHITECTS.
4. EACH BIDDER SHALL POSSESS AT THE TIME OF BID, A CLASS B OR THE APPROPRIATE CLASS C CONTRACTOR'S LICENSE PURSUANT TO PUBLIC CONTRACT CODE SECTION 3300 AND BUSINESS AND PROFESSIONS CODE SECTION 7028.15. THE SUCCESSFUL BIDDER MUST MAINTAIN THE LICENSE THROUGHOUT THE DURATION OF THIS CONTRACT.
5. FIRE SAFETY DURING CONSTRUCTION & DEMOLITION:
   A. GENERAL: FIRE SAFETY DURING CONSTRUCTION & DEMOLITION SHALL COMPLY WITH 2022 CALIFORNIA FIRE CODE (CFC) CH. 33 (PART 9, TITLE 24 CCR)
   B. CONSTRUCTION SAFEGUARDS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CBC 3302.
   C. DEMOLITION: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CBC 3303.
   D. BUILDING ACCESS: ACCESS TO BUILDINGS FOR THE PURPOSE OF FIREFIGHTING SHALL BE PROVIDED. CONSTRUCTION MATERIAL SHALL NOT BLOCK ACCESS TO BUILDINGS, HYDRANTS OR FIRE APPLIANCES PER CBC 3308.1.
   E. MEANS OF EGRESS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF CBC 3310.
   F. WATER SUPPLY: APPROVED WATER SUPPLY SHALL BE MADE AVAILABLE IN ACCORDANCE WITH CBC 3313.
   G. FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND WHEN EXISTING FIRE PROTECTION SYSTEMS ARE SHUT DOWN FOR ALTERATIONS. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE OR AS ALLOWED BY THE BUILDING OFFICIAL PER CBC 3314.
6. PENETRATIONS IN FIRE RATED MATERIALS OR ASSEMBLIES SHALL BE RESTORED TO EQUAL RATING. FIRE STOP SYSTEMS AS LISTED BY UNDERWRITERS LABORATORIES SHALL BE INSTALLED PER FIRE RESISTANCE DIRECTORY. FIRE STOP SYSTEMS SHALL BE AS SPECIFIED.
7. NONRESIDENTIAL ENERGY STANDARDS COMPLIANCE STATEMENT (TITLE 24, PART 6):
   A. THE DESIGN INDICATED HEREIN COMPLIES WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION STANDARDS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THE PROPOSED BUILDINGS WILL BE IN COMPLIANCE WITH THE ENERGY CONSERVATION STANDARDS PROVIDED THEY ARE BUILT ACCORDING TO THESE DRAWINGS AND SPECIFICATIONS AND PROVIDED ANY FUTURE IMPROVEMENTS ARE COMPLETED ACCORDING TO THE REQUIREMENTS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THESE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED TO INCLUDE ALL SIGNIFICANT ENERGY CONSERVATION FEATURES REQUIRED FOR COMPLIANCE WITH THE STANDARDS. BUILDING AREAS THAT ARE UNCONDITIONED AND/OR NOT SUBJECT TO THE STANDARDS ARE INDICATED ON THE DRAWINGS.
   B. ENVELOPE MANDATORY MEASURES:
      A. INSTALLED INSULATING MATERIALS SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.
      B. ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF TITLE 24, PART 2, CALIFORNIA CODE OF REGULATIONS, SECTIONS 719
      C. ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL AND OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED.
      D. SITE CONSTRUCTED DOORS, WINDOWS, AND SKYLIGHTS SHALL BE CAULKED BETWEEN THE UNIT AND THE BUILDING, AND SHALL BE WEATHERSTRIPPED (EXCEPT FOR UNFRAMED GLASS DOORS AND FIRE DOORS).
      E. MANUFACTURED DOORS AND WINDOWS INSTALLED SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER IN ACCORDANCE WITH TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS, SECTION 116(a)1.
      F. MANUFACTURED FENESTRATION PRODUCTS IN THE ENVELOPE OF THE BUILDING, INCLUDING, BUT NOT LIMITED TO, WINDOWS, SLIDING GLASS DOORS, FRENCH DOORS, SKYLIGHTS, CURTAIN WALLS, AND GARDEN WINDOWS MUST BE LABELED FOR U-VALUE IN ACCORDANCE WITH THE (NFRC) NATIONAL FENESTRATION RATING COUNCIL'S INTERIM U-VALUE RATING PROCEDURE.
      G. DEMISING WALL INSULATION SHALL BE INSTALLED IN ALL OPAQUE PORTIONS OF FRAMED WALLS (EXCEPT DOORS).
8. PROOF LOAD TESTS FOR EXPANSION TYPE ANCHOR BOLTS:
   A. ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR THE WEDGE CATEGORY AND TO THE ANCHOR OUTSIDE DIAMETER FOR THE SLEEVE CATEGORY.
   B. APPLY PROOF TEST LOADS TO WEDGE & SLEEVE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD.
   C. FOR SLEEVE INTERNALLY THREADED CATEGORIES, VERIFY THAT THE ANCHOR IS NOT PREVENTED FROM WITHDRAWING BY A BASEPLATE OR OTHER FIXTURES. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE FIXTURE(S) PRIOR TO TESTING.
   D. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S).
   E. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.
   F. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
      1. HYDRAULIC RAM METHOD: THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD. FOR WEDGE AND SLEEVE TYPE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE. DROP-IN ANCHORS ARE ONLY TO BE TESTED WITH THIS METHOD.
      2. TORQUE WRENCH METHOD: THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN THE FOLLOWING LIMITS: WEDGE OR SLEEVE TYPE: ONE-HALF (1/2) TURN OF THE NUT. ONE-QUARTER (1/4) TURN OF THE NUT FOR THE 3/8 IN. SLEEVE ANCHOR ONLY.
   G. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS.
   H. ALL ANCHOR BOLTS OF THE EXPANSION TYPE (LOADED IN EITHER PULLOUT OR SHEAR) SHALL HAVE 50 PERCENT OF THE BOLTS (ALTERNATE BOLTS IN ANY GROUP ARRANGEMENT ALLOWED BY THE TYPE OF SUBSTRATE AND DIAMETER OF BOLT LISTED BELOW UNDER TEST VALUES TABLE) PROOF TESTED IN TENSION TO TWICE THE ALLOWABLE TENSION LOAD. IF THERE ARE ANY FAILURES, THE IMMEDIATELY ADJACENT BOLTS MUST THEN ALSO BE TESTED. TESTING SHALL BE PERFORMED IN ACCORDANCE WITH TITLE 24, PART 2, SECTION 1910A.5, "TESTS FOR POST-INSTALLED ANCHORS IN CONCRETE."
   I. ALL BOLTS MUST HAVE ICC APPROVAL.
   J. ALL ANCHOR BOLTS OF THE EXPANSION TYPE SHALL BE ONE OF THE FOLLOWING:
      1. HILTI KB-TZ2 ANCHOR ICC NO. ESR 4266

MINIMUM TEST VALUES
NORMAL WEIGHT OR LIGHTWEIGHT CONCRETE

| ANCHOR | WEDGE | | |
|---|---|---|---|
| DIA. (IN) | TENSION LOAD (LBS) | TORQUE (FT-LBS) | EFFECTIVE MIN. EMBEDMENT |
| 3/8 | 6,490 | 30 | 1 1/2" - 2 1/2" |
| 1/2 | 11,240 | 50 | 1 1/2" - 3 1/4" |
| 5/8 | 17,535 | 40 | 2 3/4" - 4" |
| 3/4 | 25,335 | 110 | 3 1/4" - 4 3/4" |

9. POWDER-DRIVEN CONCRETE FASTENERS:
   A. GENERAL: USE OF POWDER DRIVEN CONCRETE FASTENERS FOR TENSION LOADS IS LIMITED TO SUPPORT OF MINOR LOADS LIKE ACOUSTICAL CEILINGS, DUCT WORK, CONDUIT.
   B. ALLOWABLE LOADS: IN GENERAL, LOADS SHOULD BE LIMITED TO LESS THAN 100 POUNDS. HOWEVER GREATER LOADS MAY BE PERMITTED FOR SPECIAL CASES WHEN APPROVED BY THE CHECKING SUPERVISOR OR FIELD ENGINEER.
   C. TESTING: THE OPERATOR, TOOL, AND FASTENER SHALL BE PREQUALIFIED BY THE PROJECT INSPECTOR. HE SHALL OBSERVE THE TESTING OF THE FIRST 10 FASTENER INSTALLATIONS. A TEST "PULL-OUT" LOAD OF NOT LESS THAN TWICE THE DESIGN LOAD, OR 200 POUNDS, WHICHEVER IS GREATER, SHALL BE APPLIED TO THE PIN IN SUCH A MANNER AS NOT TO RESIST THE SPALLING TENDENCY OF THE CONCRETE SURROUNDING THE PIN. THEREAFTER, RANDOM TESTS UNDER THE PROJECT INSPECTOR'S SUPERVISION SHALL BE MADE OF APPROXIMATELY 1 IN 10 PINS, EXCEPT THAT WHEN THE DESIGN LOAD EXCEEDS 100 POUNDS, ONE HALF OF THE PINS SHALL BE TESTED. SHOULD FAILURE OCCUR ON ANY PIN TESTED, ALL INSTALLATIONS MUST BE TESTED AND UNFAIR PINS REPLACED.
   D. ALL POWDER DRIVEN CONCRETE FASTENERS SHALL BE ONE OF THE FOLLOWING: HILTI, INC.
      1. 0.145 DIA. PAF X-CR INTO STEEL BASE MATERIAL - ICC NO. ESR 1663
      2. 0.138 DIA. PAF X-CR INTO CONCRETE BASE MATERIAL - ICC NO. ESR 1663

## ACCEPTANCE TESTING

THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.

LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY GENERAL CONTRACTOR'S CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).

MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY GENERAL CONTRACTOR'S CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.

A LISTING OF CERTIFIED ATT CAN BE FOUND AT:
HTTPS://WWW.ENERGY.CA.GOV/PROGRAMS-AND-TOPICS/PROGRAMS/ACCEPTANCE-TEST-TECHNICIAN-CERTIFICATION-PROVIDER-PROGRAM/ACCEPTANCE.

THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.

PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

## OWNER FURNISHED ITEMS

ITEMS LISTED BELOW ARE OWNER FURNISHED, **CONTRACTOR** INSTALLED.

TOILET ACCESSORIES
- HAND SOAP DISPENSERS

TECHNOLOGY
- VIEWSONIC

ITEMS LISTED BELOW ARE OWNER FURNISHED, **OWNER** INSTALLED AND MAY OR MAY NOT BE SHOWN IN THESE DOCUMENTS AND ARE LISTED HERE FOR REFERENCE ONLY.

- FURNITURE
- RECYCLING BINS
- PRINTERS

DSA STAMP


STUDIO W ARCHITECTS

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ARCHITECT | ENGINEER

REGISTERED ARCHITECT
CALIFORNIA
No. C 30345
Ren. 9/30/27
STATE OF CALIFORNIA
DATE SIGNED: 04/06/2026

GENERAL NOTES
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2. This sheet is not to be used for construction unless the architect's stamp and signature appear in the drawings and the status box indicated drawings have been released for construction.
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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

GENERAL NOTES

Date 04/06/2026
Project Number 25044
Application Number 02-124033
Drawing Number A0.2
Drawn M.N./A.F.
Checked C.P.

PRINT DATE: 4/6/2026 12:00:24 PM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

# ARCHITECTURAL DRAWING ABBREVIATIONS

| | |
|---|---|
| # | POUND OR NUMBER |
| & | AND |
| * | ITEMS IDENTIFIED AS "NIC" ARE NOT PART OF THIS DSA APPROVAL |
| 2X | NOMINAL LUMBER SIZE (4X, 6X, 8X, ETC.) |
| @ | AT |
| ⊥ | PERPENDICULAR |
| | |
| A | |
| A/C | AIR CONDITIONING |
| A/E | ARCHITECT/ENGINEER |
| AB | ANCHOR BOLT |
| ABAN | ABANDON |
| ABC | AGGREGATE BASE COURSE |
| ABV | ABOVE |
| AC | ASPHALTIC CONCRETE |
| ACC | ACCESS(IBLE) |
| ACP | ALUMINUM COMPOSITE PANEL |
| ACST | ACOUSTICAL |
| ACT | ACOUSTICAL CEILING TILE |
| AD | AREA DRAIN |
| ADDM | ADDENDUM |
| ADH | ADHESIVE |
| ADJ | ADJUSTABLE |
| ADJC | ADJACENT |
| AFF | ABOVE FINISH FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AGGR | AGGREGATE |
| AHU | AIR HANDLING UNIT |
| ALS | ASSISTED LISTENING SYSTEM |
| ALT | ALTERNATE |
| ALUM./AL. | ALUMINUM |
| ANC | ANCHOR, ANCHORAGE |
| APLD | APPLIED |
| APPRX | APPROXIMATELY |
| ARCH | ARCHITECT(URAL) |
| ASC | ABOVE SUSPENDED CEILING |
| ASF | ABOVE STAGE FINISH |
| ASPH | ASPHALT |
| ASSY | ASSEMBLY |
| ASYM | ASYMMETRICAL |
| AUTO | AUTOMATIC |
| AV | AUDIO VISUAL |
| AWG | AMERICAN WIRE GAUGE |
| | |
| B | |
| B | BOLT |
| BC | BACK OF CURB |
| BD | BOARD |
| BITUM | BITUMINOUS |
| BLDG | BUILDING |
| BLK | BLOCK |
| BLKG | BLOCKING |
| BLW | BELOW |
| BLW CLG | BELOW CEILING |
| BLW FFLR | BELOW FINISH FLOOR |
| BM | BENCH MARK |
| BN | BOUNDARY NAILING |
| BO | BOTTOM OF |
| BOT | BOTTOM |
| BRCG | BRACING |
| BRDG | BRIDGING |
| BRG | BEARING |
| BRK | BRICK |
| BRKT | BRACKET |
| BRS | BRASS |
| BRZ | BRONZE |
| BS | BOTH SIDES |
| BSMT | BASEMENT |
| BTWN | BETWEEN |
| BUR | BUILT UP ROOFING |
| BW | BOTH WAYS |
| | |
| C | |
| C&G | CURB AND GUTTER |
| CAB | CABINET |
| CAD | CADMIUM |
| CB | CATCH BASIN |
| CBB | CEMENTITIOUS BACKER BOARD |
| CBC | CALIFORNIA BUILDING CODE |
| CEM | CEMENT |
| CER | CERAMIC |
| CFCI | CONTRACTOR FURNISHED CONTRACTOR INSTALLED |
| CFLG | COUNTERFLASHING |
| CFOI | CONTRACTOR FURNISHED OWNER INSTALLED |
| CG | CORNER GUARD |
| CHBD | CHALKBOARD |
| CHFR | CHAMFER |
| CI | CAST IRON |
| CIP | CAST IN PLACE |
| CIR | CIRCLE |
| CIRC | CIRCULAR, CIRCUMFERENCE |
| CJ | CONSTRUCTION JOINT |
| CL | CHAIN LINK OR CENTER LINE |
| CLG | CEILING |
| CLJ | CONTROL JOINT |
| CLKG | CAULKING |
| CLL | CONTRACT LIMIT LINE |
| CLOS | CLOSURE |
| CLR | CLEAR(ANCE) |
| CLRM | CLASSROOM |
| CMP | CORRUGATED METAL PANEL |
| CMPST | COMPOSITION |
| CMU | CONCRETE MASONARY UNIT |
| CNCL | CONCEALED |
| CNR | CORNER |
| CNTR | COUNTER |
| COL | COLUMN |
| COM | COMMON |
| COMB | COMBINATION |
| COMP | COMPOSITE |
| COMPT | COMPARTMENT |
| CONC | CONCRETE |
| CONF | CONFERENCE |
| CONN | CONNECTION |
| CONSTR | CONSTRUCTION |
| CONT | CONTINUOUS, CONTINUATION |
| CONTR | CONTRACT(OR) |
| COORD | COORDINATE |
| CORR | CORRIDOR |
| CPR | COPPER |
| CPRS | COMPRESS(ED), (ION), (IBLE) |
| CPT | CARPET |
| CRS | COLD ROLLED STEEL |
| CS | CAST STONE |
| CSG | CASING |
| CSK | COUNTERSUNK |
| CSMT | CASEMENT |
| CSWK | CASEWORK |
| CT | CERAMIC TILE |
| CTB | CERAMIC TILE BASE |
| CTF | CERAMIC TILE FLOOR |
| CTG | COATING |
| CTR | CENTER |
| CUFT | CUBIC FOOT |
| CUIN | CUBIC INCH |
| CUST | CUSTODIAN |
| CUYD | CUBIC YARD |
| CW | CURTAIN WALL |
| | |
| D | |
| D | DRAIN |
| d. | PENNYWEIGHT (NAILS) |
| DA | DOUBLE ACTING |
| DBL | DOUBLE |
| DEG | DEGREES |
| DEMO | DEMOLISH, DEMOLITION |
| DEP | DEPRESSED |
| DEPT | DEPARTMENT |
| DET | DETAIL |
| DF | DRINKING FOUNTAIN |
| DG | DECOMPOSED GRANITE |
| DH | DOUBLE HUNG |
| DIA | DIAMETER |
| DIAG | DIAGONAL |
| DIFF | DIFFUSER |
| DIM | DIMENSION |
| DISP | DISPENSER |
| DIV | DIVISION |
| DMPF | DAMPPROOFING |
| DMT | DEMOUNTABLE |
| DN | DOWN |
| DR | DOOR |
| DRB | DRAINBOARD |
| DRLV | DOOR LOUVER |
| DS | DOWNSPOUT |
| DSP | DRY STANDPIPE |
| DT | DRAIN TILE |
| DVTL | DOVETAIL |
| DW | DISHWASHER |
| DWG | DRAWING |
| DWL | DOWEL |
| DWR | DRAWER |
| | |
| E | |
| (E) | EXISTING |
| E | EAST |
| EA | EACH |
| EAR | EXHAUST AIR REGISTER |
| EB | EXPANSION BOLT |
| EE | EACH END |
| EF | EACH FACE |
| EFS | EXTERIOR FINISH SYSTEM |
| EHD | ELECTRIC HAND DRYER |
| EIFS | EXTERIOR INSULATION AND FINISH SYSTEM |
| EJ | EXPANSION JOINT |
| EL | ELEVATION |
| ELAST | ELASTOMERIC |
| ELEC | ELECTRIC(AL) |
| ELEV | ELEVATOR |
| EM | EXPANDED METAL |
| EMER | EMERGENCY |
| EN | EDGE NAILING |
| ENCL | ENCLOSE(URE) |
| ENGR | ENGINEER |
| ENTR | ENTRANCE |
| EP | ELECTRICAL PANELBOARD |
| EQ | EQUAL |
| EQUIP | EQUIPMENT |
| ESC | ESCUTCHEON |
| ESCL | ESCALATOR |
| ESMT | EASEMENT |
| EW | EACH WAY |
| EWC | ELECTRIC WATER COOLER |
| EWH | ELECTRIC WATER HEATER |
| EWS | EYE WASH STATION |
| EXC | EXCAVATE |
| EXH | EXHAUST |
| EXP | EXPOSED |
| EXPN | EXPANSION |
| EXS | EXTRA STRONG |
| EXT | EXTERIOR |
| | |
| F | |
| (F) | FUTURE |
| F/F | FACE TO FACE |
| FA | FIRE ALARM |
| FAB | FABRIC |
| FBD | FIBERBOARD |
| FBRK | FIRE BRICK |
| FCBRK | FACE BRICK |
| FD | FLOOR DRAIN |
| FDTN | FOUNDATION |
| FE | FIRE EXTINGUISHER |
| FEC | FIRE EXTINGUISHER CABINET |
| FF | FINISH FLOOR |
| FFA | FROM FLOOR ABOVE |
| FFB | FROM FLOOR BELOW |
| FFEL | FINISHED FLOOR ELEVATION |
| FFL | FINISHED FLOOR LINE |
| FGL | FIBERGLASS |
| FHC | FIRE HOUSE CABINET |
| FHMB | FLAT HEAD MACHINE BOLT |
| FHMS | FLAT HEAD MACHINE SCREW |
| FHWS | FLATHEAD WOOD SCREW |
| FIN | FINISH(ED) |
| FJT | FLUSH JOINT |
| FLASH | FLASHING |
| FLDG | FOLDING |
| FLG | FLOORING |
| FLR | FLOOR |
| FLUOR | FLUORESCENT |
| FN | FIELD NAILING |
| FOB | FACE OF BLOCK |
| FOC | FACE OF CONCRETE/CURB |
| FOF | FACE OF FINISH |
| FOG | FACE OF GRID |
| FOM | FACE OF MASONRY |
| FOS | FACE OF STUD |
| FPL | FIREPLACE |
| FPRF | FIREPROOF(ING) |
| FR | FRAME(D), (ING) |
| FRG | FIBERGLASS REINFORCED GYPSUM |
| FRP | FIBERGLASS REINFORCED PLASTIC |
| FRTW | FIRE RETARDANT TREATED WOOD |
| FRZ | FREEZER |
| FS | FIRE SPRINKLER |
| FS | FAR SIDE |
| FSTN | FASTEN, FASTENER |
| FT | FOOT/FEET |
| FTG | FOOTING |
| FURG | FURRED, (ING) |
| FWC | FABRIC WALL COVERING |
| | |
| G | |
| GA | GAUGE |
| GAL | GALLON |
| GALV | GALVANIZED |
| GB | GRAB BAR |
| GFRC | GLASS FIBER REINFORCED CONCRETE |
| GI | GALVANIZED IRON |
| GL | GLASS |
| GLULAM | GLUE LAMINATED |
| GLZ | GLAZING |
| GLZCMU | GLAZED CONRETE MASONRY UNIT |
| GND | GROUND |
| GPC | GYPSUM PLASTER CEILING |
| GR | GRADE |
| GRBM | GRADE BEAM |
| GRLN | GRADE LINE |
| GSB | GYPSUM SHEATHING BOARD |
| GSM | GALVANIZED SHEET METAL |
| GSS | GALVANIZED STEEL SHEET |
| GST | GLAZED STRUCTURAL TILE |
| GT | GROUT |
| GVL | GRAVEL |
| GYP | GYPSUM |
| GYP BD | GYPSUM BOARD |
| | |
| H | |
| HB | HOSE BIB |
| HC | HOLLOW CORE |
| HD | HEAVY DUTY |
| HDAS | HEADED ANCHOR STUD |
| HDJT | HEAD JOINT |
| HDR | HEADER |
| HDW | HARDWARE |
| HDWD | HARDWOOD |
| HEX | HEXAGONAL |
| HGR | HANGER |
| HLDN | HOLD DOWN |
| HM | HOLLOW METAL |
| HMD | HOLOW METAL DOOR |
| HMDF | HOLLOW METAL DOOR AND FRAME |
| HMF | HOLLOW METAL FRAME |
| HNDRL | HANDRAIL |
| HORIZ | HORIZONTAL |
| HPT | HIGH POINT |
| HR | HOUR |
| HT | HEIGHT |
| HTG | HEATING |
| HVAC | HEATING, VENTILATING, AIR CONDITIONING |
| HWH | HOT WATER HEATER |
| | |
| I | |
| ID | INSIDE DIAMETER |
| IN | INCH |
| INCL | INCLUDE(D), (ING) |
| INFO | INFORMATION |
| INSTL | INSTALL |
| INSUL | INSULATE(D), (ION) |
| INT | INTERIOR |
| INV | INVERT |
| IPS | IRON PIPE SIZE |
| ISA | INTERNATIONAL SYMBOL OF ACCESSIBILITY |
| | |
| J | |
| JAN | JANITOR |
| JST | JOIST |
| JT | JOINT |
| | |
| K | |
| KIT | KITCHEN |
| KO | KNOCKOUT |
| KPL | KICKPLATE |
| | |
| L | |
| LAB | LABORATORY |
| LAD | LADDER |
| LAM | LAMINATE |
| LAV | LAVATORY |
| LB(S) | POUND(S) |
| LBL | LABEL |
| LBR | LUMBER |
| LDR | LEADER |
| LF | LINEAL FOOT |
| LG | LENGTH, LONG |
| LH | LEFT HAND |
| LHR | LEFT HAND REVERSE |
| LKNT | LOCKNUT |
| LKR | LOCKER |
| LKWASH | LOCKWASHER |
| LLH | LONG LEG HORIZONTAL |
| LLV | LONG LEG VERTICAL |
| LMST | LIMESTONE |
| LNSCP | LANDSCAPE(D) |
| LNTL | LINTEL |
| LP | LIGHTPROOF |
| LPT | LOW POINT |
| LT | LIGHT |
| LTWT | LIGHTWEIGHT |
| LV | LOUVER VENT |
| LVL | LEVEL(ER) |
| LWC | LIGHTWEIGHT CONCRETE |
| LWIC | LIGHTWEIGHT INSULATING CONCRETE |
| | |
| M | |
| MAINT | MAINTAIN(ANCE) |
| MAS | MASONRY |
| MATL | MATERIAL |
| MAX | MAXIMUM |
| MB | MACHINE BOLT |
| MBR | MEMBER |
| MC | MEDICINE CABINET |
| MCB | METAL CORNER BEAD |
| MDO | MEDIUM DENSITY OVERLAID |
| MECH | MECHANICAL |
| MED | MEDIUM |
| MEMB | MEMBRANE |
| MEZZ | MEZZANINE |
| MFD | METAL FLOOR DECKING |
| MFR | MANUFACTUR(ER) |
| MH | MANHOLE |
| MIN | MINIMUM |
| MIRR | MIRROR |
| MISC | MISCELLANEOUS |
| ML | METAL LATH |
| MLDG | MOLDING |
| MLWK | MILLWORK |
| MO | MASONRY OPENING |
| MOD | MODULE(AR) |
| MR | MOISTURE RESISTANT |
| MRB | MARBLE |
| MRD | METAL ROOF DECKING |
| MS | MACHINE SCREW |
| MTD | MOUNTED |
| MTL | METAL |
| MTR | MORTAR |
| MULL | MULLION |
| | |
| N | |
| (N) | NEW |
| N | NORTH |
| NAT | NATURAL |
| NCOMBL | NONCOMBUSTIBLE |
| NE | NOT EXCEEDING |
| NF | NEAR FACE |
| NIC | NOT IN CONTRACT |
| NLB | NON-LOAD BEARING |
| NM | NONMETALLIC |
| NO | NUMBER |
| NOM | NOMINAL |
| NR | NOISE REDUCTION |
| NRC | NOISE REDUCTION COEFFICIENT |
| NRCA | NATIONAL ROOFING CONTRACTOR'S ASSOCIATION |
| NS | NEAR SIDE |
| NTS | NOT TO SCALE |
| | |
| O | |
| O/ | OVER |
| O/O | OUT TO OUT |
| OA | OVERALL |
| OBS | OBSCURE |
| OC | ON CENTER |
| OCC | OCCUPANTS OR OCCUPANCY |
| OD | OUTSIDE DIAMETER |
| OFCI | OWNER FURNISHED CONTRACTOR INSTALLED |
| OFF | OFFICE |
| OFOI | OWNER FURNISHED OWNER INSTALLED |
| OFS | OUTSIDE FACE OF STUD |
| OHMS | OVALHEAD MACHINE SCREW |
| OHWS | OVALHEAD WOOD SCREW |
| OI | OWNER INSTALLED |
| OPH | OPPOSITE HAND |
| OPNG | OPENING |
| OPP | OPPOSITE |
| OPQ | OPAQUE |
| OPR | OPERABLE |
| ORD | OVERFLOW ROOF DRAIN |
| OSB | ORIENTED STRAND BOARD |
| OVFL | OVERFLOW |
| OVHD | OVERHEAD |
| | |
| P | |
| P | PAINT |
| PA | PUBLIC ADDRESS |
| PAR | PARALLEL |
| PAT | PATTERN |
| PB | PANIC BAR |
| PBD | PARTICLE BOARD |
| PC | PORTLAND CEMENT |
| PCC | PRECAST CONCRETE |
| PCP | PORTLAND CEMENT PLASTER |
| PED | PEDESTAL |
| PERF | PERFORATED |
| PERIM | PERIMETER |
| PERP | PERPENDICULAR |
| PGBD | PEGBOARD |
| PH | PHASE |
| PHS | PHILLIPS HEAD SCREW |
| PI | POINT OF INTERSECTION |
| PIV | POST INDICATOR VALVE |
| PL | PLATE, PROPERTY LINE |
| PLAM | PLASTIC LAMINATE |
| PLAS | PLASTER |
| PLYWD | PLYWOOD |
| PM | PRESSED METAL |
| PMF | PRESSED METAL FRAME |
| PNEU | PNEUMATIC |
| PNL | PANEL |
| PNT | PAINT(ED) |
| POL | POLISHED |
| POLY | POLYETHYLENE |
| PORC | PORCELAIN |
| PORT | PORTABLE |
| PR | PAIR |
| PRCST | PRECAST |
| PREFAB | PREFABRICATED |
| PREFIN | PREFINISHED |
| PREFMD | PREFORMED |
| PRKG | PARKING |
| PRML | PREMOLDED |
| PROJ | PROJECT |
| PROP | PROPERTY |
| PSCONC | PRESTRESSED CONCRETE |
| PT | POINT |
| PTD | PAPER TOWEL DISPENSER |
| PTDF | PRESSURE TREATED DOUGLAS FIR |
| PTN | PARTITION |
| PTR | PAPER TOWEL RECEPTACLE |
| PVC | POLYVINYL CHLORIDE |
| PVG | PAVE(D), (ING) |
| PVMT | PAVEMENT |
| | |
| Q | |
| QT | QUARRY TILE |
| QTB | QUARRY TILE BASE |
| QTF | QUARRY TILE FLOOR |
| QTR | QUARTER |
| QTY | QUANTITY |
| | |
| R | |
| R | RISER |
| RA | RETURN AIR |
| RAB | RABBET |
| RAD | RADIUS |
| RB | RESILIENT BASE |
| RBR | RUBBER |
| RCP | REINFORCED CONCRETE PIPE |
| RCVR | RECEIVER |
| RD | ROOF DRAIN |
| RDWY | ROADWAY |
| REBAR | REINFORCING STEEL BARS |
| REC | RECESSED |
| RECT | RECTANGULAR |
| RECYL | RECYCLING |
| REF | REFERENCE |
| REFL | REFLECT(ED), (IVE), (OR) |
| REFR | REFRIGERATOR |
| REG | REGISTER |
| REINF | REINFORCED |
| REM | REMOVE(ABLE) |
| REP | REPAIR |
| REPL | REPLACE |
| REQD | REQUIRED |
| RESIL | RESILIENT |
| RET | RETURN |
| REV | REVISION(S), REVISED |
| RF | RESILIENT FLOORING |
| RFG | ROOFING |
| RFH | ROOF HATCH |
| RGDINS | RIGID INSULATION |
| RH | RIGHT HAND |
| RHMS | ROUND HEAD MACHINE SCREW |
| RHR | RIGHT HAND REVERSE |
| RHWS | ROUND HEAD WOOD SCREW |
| RL | ROOF LEADER |
| RLG | RAILING |
| RM | ROOM |
| RND | ROUND |
| RO | ROUGH OPENING |
| ROW | RIGHT OF WAY |
| RR | RESTROOM |
| RS | ROUGH SAWN |
| RTF | RUBBER TILE FLOORING |
| RTU | ROOF TOP UNIT |
| RV | ROOF VENT |
| RVL | REVEAL |
| RVS | REVERSE (SIDE) |
| RVT | RIVET(ED) |
| RWD | REDWOOD |
| RWL | RAIN WATER LEADER |
| | |
| S | |
| S | SOUTH |
| S2S | SURFACED TWO SIDES |
| S4S | SURFACED FOUR SIDES |
| SA | SUPPLY AIR |
| SALV | SALVAGE |
| SAM | SELF-ADHERED MEMBRANE |
| SAT | SUSPENDED ACOUSTICAL TILE |
| SB | SPLASH BLOCK |
| SBSTR | SUBSTRATE |
| SC | SOLID CORE |
| SCD | SEAT COVER DISPENSER |
| SCHED | SCHEDULE |
| SCP | SCUPPER |
| SCRN | SCREEN |
| SD | STORM DRAIN |
| SDBL | SANDBLAST |
| SEC | SECONDS |
| SECT | SECTION |
| SEP | SEPERATE OR SEPERATION |
| SF | SQUARE FEET, STOREFRONT |
| SGL | SINGLE |
| SHR | SHOWER |
| SHT | SHEET(ING) |
| SHTG | SHEATHING |
| SHV | SHELVES(ING) |
| SIM | SIMILAR |
| SK | SINK |
| SKLT | SKYLIGHT |
| SLD | SEALED |
| SLDG | SLIDE(ING) |
| SLDR | SOLDER |
| SLNT | SEALANT |
| SLV | SLEEVE |
| SM | SHEET METAL |
| SMACNA | SHEET METAL AND AIR CONDITIONING CONTRACTOR'S NATIONAL ASSOCIATION |
| SMLS | SEAMLESS |
| SMS | SHEET METAL SCREW |
| SND | SANITARY NAPKIN DISPENSER |
| SNDINS | SOUND INSULATION |
| SNDU | SANITARY NAPKIN DISPOSAL UNIT |
| SNT | SEALANT |
| SP | SPACES |
| SPC | SUSPENDED PLASTER CEILING |
| SPD | SOAP DISPENSER |
| SPEC | SPECIFICATION(S) |
| SPRT | SUPPORT |
| SQ | SQUARE |
| SS | STAINLESS STEEL |
| SSK | SERVICE SINK |
| ST | STREET |
| STA | STATION |
| STAG | STAGGERED |
| STC | SOUND TRANSMISSION CLASS |
| STD | STANDARD |
| STG | SEATING |
| STIF | STIFFENER |
| STIR | STIRRUP |
| STL | STEEL |
| STOR | STORAGE |
| STR | STRAIGHT |
| STRUC | STRUCTURAL |
| STU | STRUCT |
| SUSP | SUSPENDED |
| SV | SHEET VINYL |
| SYMM | SYMMETRICAL |
| SYNTH | SYNTHETIC |
| SYS | SYSTEM |
| | |
| T | |
| T | TEMPERED, TOILET, TREAD |
| T24 | TITLE 24 |
| T&B | TOP AND BOTTOM |
| T&G | TONGUE & GROOVE |
| TB | THRU BOLT |
| TBE | THREADED BOTH ENDS |
| TD | TOWEL DISPENSER |
| TDR | TOWEL DISPENSER/RECEPTACLE |
| TEL | TELEPHONE |
| TEMP | TEMPORARY |
| TER | TERRAZZO |
| TFA | TO FLOOR ABOVE |
| TFB | TO FLOOR BELOW |
| THD | THREADED(D) |
| THERM | THERMAL |
| THK | THICK |
| THRES | THRESHOLD |
| THRU | THROUGH |
| TKBD | TACKBOARD |
| TMPD | TEMPERED |
| TO | TOP OF |
| TOB | TOP OF BEAM |
| TOC | TOP OF CURB OR TOP OF CONCRETE |
| TOF | TOP OF FOOTING |
| TOFF | TOP OF FINISH FLOOR |
| TOJ | TOP OF JOIST |
| TOL | TOLERANCE |
| TOM | TOP OF MASONRY |
| TOP | TOP OF PARAPET |
| TOPV | TOP OF PAVEMENT |
| TOS | TOP OF SHEATHING |
| TOSL | TOP OF SLAB |
| TOST | TOP OF STEEL |
| TOW | TOP OF WALL OR TOP OF WALK |
| TPD | TOILET PAPER DISPENSER |
| TPTN | TOILET PARTITION |
| TRANS | TRANSITION |
| TS | TUBE STEEL |
| TV | TELEVISION |
| TWLB | TOWEL BAR |
| TYP | TYPICAL |
| | |
| U | |
| UC | UNDERCUT |
| UGND | UNDERGROUND |
| UL | UNDERWRITER'S LABORATORY |
| UNFIN | UNFINISHED |
| UON | UNLESS OTHERWISE NOTED |
| UR | URINAL |
| URM | UNREINFORCED MASONRY |
| UTIL | UTILITY |
| | |
| V | |
| VAR | VARIES |
| VB | VINYL BASE |
| VCT | VINYL COMPOSITION TITLE |
| VER | VERIFY |
| VERT | VERTICAL |
| VEST | VESTIBULE |
| VF | VINYL FABRIC |
| VFAT | VINYL FACED ACOUSTIC TILE |
| VIF | VERIFY IN FIELD |
| VJ | V-JOINT(ED) |
| VNR | VENEER |
| VR | VAPOR RETARDER |
| VTR | VENT THROUGH ROOF |
| VWC | VINYL WALL COVERING |
| | |
| W | |
| W | WEST |
| W.O. | WHERE OCCURS |
| W/ | WITH |
| W/O | WITHOUT |
| W/W | WALL TO WALL |
| WBL | WOOD BLOCKING |
| WC | WATER CLOSET |
| WD | WOOD |
| WDP | WOOD PANELING |
| WDW | WINDOW |
| WF | WIDE FLANGE |
| WFS | WOOD FURRING STRIP |
| WGL | WIRED GLASS |
| WH | WATER HEATER |
| WH | WALL HUNG |
| WI | WROUGHT IRON |
| WID | WIDTH, WIDE |
| WLD | WELD(ED) |
| WM | WIRE MESH |
| WP | WATERPROOF(ING) |
| WPT | WORKING POINT |
| WR | WIRE ROPE |
| WS | WOOD SCREW |
| WSCT | WAINSCOT |
| WT | WEIGHT |
| WWF | WELDED WIRE FABRIC |
| | |
| X | |
| XBRACE | CROSS BRACE |
| XFMR | TRANSFORMER |
| XSECT | CROSS SECTION |
| | |
| Y | |
| YCO | YARD CLEANOUT |
| YD | YARD |

# SYMBOLS LEGEND

N = PLAN NORTH ARROW
ADDITIONAL ARROW INDICATES TRUE NORTH

X = BUILDING SECTION NUMBER
AX.X = SHEET NUMBER

X = WALL SECTION NUMBER
AX.X = SHEET NUMBER

X = EXTERIOR ELEVATION NUMBER
AX.X = SHEET NUMBER

X = INTERIOR ELEVATION NUMBER
AX.X = SHEET NUMBER
N,S,E,W = INDICATES CARDINAL DIRECTION

GRID LINE, FACE OF STRUCTURE

GRID LINE, CENTER OF STRUCTURE

ELEVATION OR DATUM POINT

WORK POINT

REFERENCE DETAIL
X = DETAIL DRAWING NUMBER
AX.X = SHEET NUMBER

20 / AX.X — MATCH LINE AND AREA DESIGNATOR
SHADED PORTION IS THE SIDE CONSIDERED

ROOM NAME
A119 — ROOM NAME
AREA IDENTIFICATION:
A = BUILDING OR AREA DESIGNATION
1 = FLOOR NUMBER
19 = ROOM NUMBER

WINDOW, STOREFRONT, OR CURTAINWALL
SEE WINDOW SCHEDULE

A101A — DOOR NUMBER, SEE DOOR SCHEDULE

08 211 — KEYNOTE
08 = SPECIFICATION DIVISIONAL PREFIX
2 = SPECIFICATION SUBSECTION PREFIX
11 = NOTE NUMBER

1 — REVISION

102 (30" x 24" x 24" LOCKABLE) — CASEWORK TAG
102 = ARCHITECTURAL WOODWORK STANDARD (AWVS) NUMBER
36" x 24" x 24" = WIDTH x HEIGHT x DEPTH
LOCKABLE = MODIFYING NOTE

NOTE: FOR BASE CABINETS, HEIGHT DOES NOT INCLUDE COUNTERTOP THICKNESS - REFER TO PLANS FOR COUNTERTOP TYPE

41 — PATH OF EGRESS
41 = OCCUPANT LOAD
STARTING POINT OF PATH OF TRAVEL TO EXIT
MARKED BY DOT AT THE BEGINNING OF EGRESS LINE

P — PANIC HARDWARE DEVICE - REFERENCE DOOR SCHEDULE AND HARDWARE GROUP

S1 — SIGNAGE TAG

# MATERIALS LEGEND

- EARTH
- POROUS FILL (STONE, GRAVEL, ETC.)
- CONCRETE
- GROUT
- STEEL
- FINISHED WOOD
- TERRAZZO
- WOOD BLOCKING
- WOOD FRAMING
- BATT INSULATION
- RIGID INSULATION
- GYPSUM BOARD
- PLYWOOD
- METAL LATH AND PLASTER

DSA STAMP

STUDIO W ARCHITECTS


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| ARCHITECT | ENGINEER |
|---|---|

REGISTERED ARCHITECT — CHRISTOPHER PUTNAM — No. C 30345 — Ren. 9/30/27 — STATE OF CALIFORNIA
DATE SIGNED: 04/06/2026

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

ARCHITECTURAL SYMBOLS AND ABBREVIATIONS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A0.3 |
| Drawn: A.F. | Checked: C.P. |

PRINT DATE: 4/6/2026 12:02:26 PM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044 Paradise USD Honey Run-A22.rvt

# GENERAL NOTES

EXISTING CONDITIONS
1. ALL (E) STRUCTURES AND ITEMS ON SITE ARE APPROXIMATE BASED ON DRAWINGS FROM OWNER.

BUILDING
1. ALL EXTERIOR OUTWARD SWINGING DOORS TO HAVE A MINIMUM 5'-0" LEVEL LANDING.
2. ALL BUILDING ENTRANCES AND EXTERIOR GROUND LEVEL EXITS SHALL BE ACCESSIBLE.

ACCESSIBLE PATH OF TRAVEL
1. SEE ACCESSIBLE PATH OF TRAVEL DEFINITION, THIS SHEET.
2. ALL SIDEWALKS ALONG THE ACCESSIBLE ROUTE TO BE A MINIMUM OF 4'-0" WIDE, AND THERE SHALL BE NO DROP-OFFS OVER 4" AT EDGE OF WALK OR LANDING. WHERE A 4" DROP-OFF DOES OCCUR, PROVIDING A 6" HIGH WARNING CURB OR GUARD OR HANDRAIL. (SEE CBC SECTION 11B-303.5)
3. FOR GRATINGS LOCATED IN THE SURFACE OF ANY PEDESTRIAN WALKWAY IN THE PATH OF TRAVEL, GRID/OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAXIMUM IN THE DIRECTION OF TRAFFIC FLOW.
4. 36" WIDE CONTINUOUS DETECTABLE WARNING SHALL BE USED WHERE THE PEDESTRIAN PATH CROSSES OR ADJOINS A VEHICULAR WAY (SUCH AS A DRIVEWAY) TO WARN OF POTENTIAL HAZARDS AS PER CBC 11B-705.
5. SEE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT ON THIS SHEET FOR PATH OF TRAVEL REQUIREMENTS.

GATES
1. GATES ALONG ACCESSIBLE ROUTE SHALL MEET DOOR REQUIREMENTS PER CBC SECTION 11B-404 INCLUDING PANIC HARDWARE AND 10" MIN. SMOOTH BOTTOM OR KICK PLATE.
2. GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS WITH PROPER ACCESSIBLE LEVER HARDWARE AND KICK PLATES.

# DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT

(BASED ON DSA PROCEDURE PR 15-01)

THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

# FIRE FLOW

Town of Paradise
Fire Prevention Division
(530) 872-6291 Ext. 417

Building Residency Center
6295 Skyway
Paradise, CA 95969

Inspection Report for Permit #FD-FLO-26-0031

Address: 622 PEARSON RD, PARADISE, CA 95969
Parcel: 054-050-028-000

| Permit Info | | Inspector Info | |
|---|---|---|---|
| Permit Number: | FD-FLO-26-0031 | Inspector Name: | Chris Rainey |
| Permit Type: | Fire Flow | Inspector Email: | crainey@townofparadise.com |
| | | Inspector Title: | Fire Prevention Inspector II |

| Applicant Info | | Inspection Info | |
|---|---|---|---|
| Applicant Name: | Jacob Timm | Inspection Type: | FD - Fire Flow |
| Applicant Company: | PARADISE UNIFIED SCHOOL DIST | Scheduled For: | February 13, 2026 |
| Applicant Phone: | (530) 872-6400 | Logged At: | February 13, 2026, 7:20am |
| Applicant Email: | jtimm@pusdk12.org | Started At: | February 13, 2026, 7:24am |
| | | Ended At: | February 13, 2026, 7:25am |

| Fields | |
|---|---|
| Result: | Issued |
| Fire hydrant is within the required distance of the structure: | Yes |
| Water flow is adequate for total square footage: | Yes |
| Flowing Hydrant #(s): | 5323 |
| Flowing Hydrant Location: | 634 Pearson Road |
| Test Method: | Pitot |
| Results in GPM/PLPM: | GPM |
| Pitot: | 32 |
| Opening: | 2.5 |
| Hydrant Coef.: | 1 |
| Outlet Coef.: | 9 |
| Observed Flow: | 946 gpm |
| Flow at 20 psi: | 5200 gpm |
| Test Hydrant #(s): | 556 |

| Fields | |
|---|---|
| Static: | 90 |
| Residual: | 87 |

# LOCAL FIRE AUTHORITY REVIEW

DSA 810

## FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings.*

| PROJECT INFORMATION | |
|---|---|
| School District/Owner: | Paradise Unified School District |
| Project Name/School: | Honey Run Academy |
| Project Address: | 622 Pearson Road, Paradise, CA 95969 |

| FIRE & LIFE SAFETY INFORMATION | | | | |
|---|---|---|---|---|
| 1. | Has a fire hydrant flow test been performed within the past 12 months? *(If yes, provide a copy of the test data.)* | Yes ☑ | | No ☐ |
| 2. | Was the fire hydrant water flow test performed as part of this LFA review? | Yes ☑ | | No ☐ |
| 3. | Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? *(If yes, indicate FHSZ classification below.)* | Yes ☑ | | No ☐ |
| | Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Area | Moderate ☐ | High ☐ | Very High ☑ |
| | Wildland Interface Area (WIFA) *(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)* | | | WIFA ☑ |



DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

| CONDITION MEANS AND METHODS RESOLUTION | | ALTERNATE ACCEPTED | | | |
|---|---|---|---|---|---|
| | | Yes | No | N/A | N/R |
| 4. | Emergency vehicle access roadways do not meet CFC requirements. | | | ✓ | |
| 4a. | **Acceptable Alternate:** Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property. | | | | |
| 5. | **Fire Hydrants:** Number and spacing does not meet CFC requirements. | | | ✓ | |
| 5a. | **Acceptable Alternate:** Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property. | | | | |
| 6. | **Fire Hydrants:** Water flow and pressure are less than CFC minimum. | | | ✓ | |
| 6a. | **Acceptable Alternate:** The available flow and pressure is acceptable for providing fire suppression and protection of life and property. | | | | |
| 7. | Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements. | | | ✓ | |
| 7a. | **Acceptable Alternate:** The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property. | | | | |

**School District Acceptance of Acceptable Design Alternates**

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

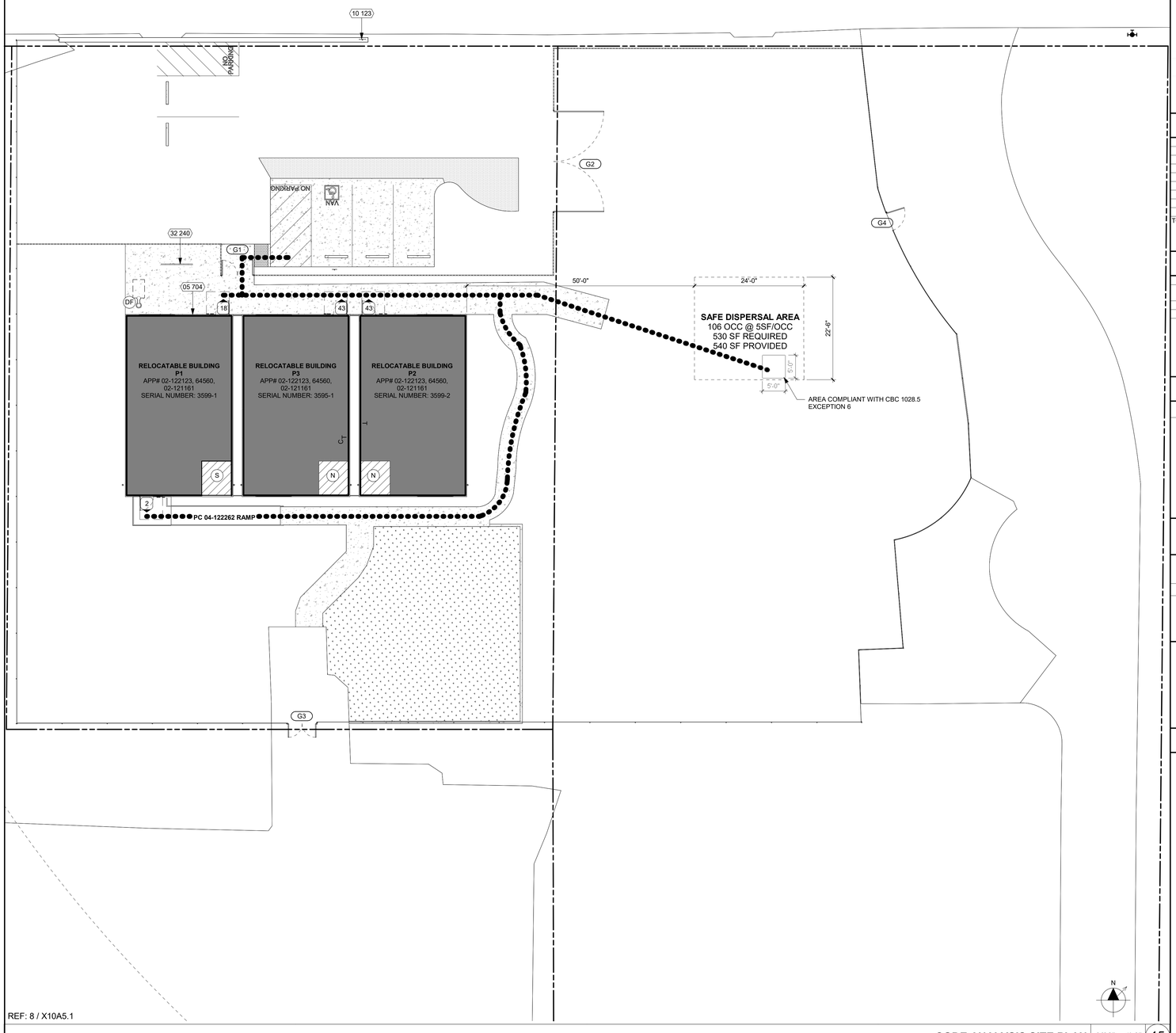
Signature: _____ Date: _____

| LOCAL FIRE AUTHORITY (LFA) INFORMATION | |
|---|---|
| LFA Agency Name: | Town of Paradise |
| LFA Review Official: | Chris Rainey |
| Title: | Fire Prevention Inspector 2 — Work Phone: (530) 872-6291 |
| Work Email: | crainey@townofparadise.com |

LFA Reviewer's Signature: _____ Date: 02/19/26



# PEARSON RD.




REF: 8 / X10A5.1

# GROSS BUILDING AREA

| NAME | TOTAL AREA (S.F.) |
|---|---|
| BUILDING P1 | 905 SF |
| BUILDING P2 | 905 SF |
| BUILDING P3 | 905 SF |
| P1, P2, & P3 | 880 SF |
| ROOF - P1 | 233 SF |
| ROOF - P2 | 233 SF |
| ROOF - P3 | 233 SF |
| TOTAL AREA | 4,293 SF |

# KEYNOTES

| NUMBER | NOTE |
|---|---|
| 05 704 | BUILDING ADDRESS SIGNAGE IN COMPLIANCE WITH CWUI 403.2.4 (SEE DETAIL 4/A10.10.3) |
| 10 123 | TOW AWAY SIGN (SEE DETAIL 6/A10.2.1) |
| 32 240 | STUDENT BICYCLE RACK (SEE DETAIL 2/A10.10.3) |

# ACCESSIBLE PARKING

BASED ON CBC TABLE 11B-208.2 "PARKING SPACES"

**STANDARD PARKING PROVIDED:** **4 STALLS**
**ACCESSIBLE VAN PARKING PROVIDED:** **1 STALL**
**TOTAL PARKING PROVIDED:** **5 STALLS**

# CGBSC TABLE 5.106.5.3.1

EV CAPABLE SPACES

| TOTAL NUMBER OF ACTUAL PARKING SPACES | NUMBER OF REQUIRED EV CAPABLE SPACES | NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)[2] |
|---|---|---|
| 5 | 0 | 0 |

1. CALCULATION FOR SPACES SHALL BE ROUNDED UP TO THE NEAREST WHOLE NUMBER.
2. THE NUMBER OF REQUIRED EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE) IN COLUMN 3 COUNT TOWARD THE TOTAL NUMBER OF REQUIRED EV CAPABLE SPACES SHOWN IN COLUMN 2.

# CODE ANALYSIS

| | |
|---|---|
| BUILDING NAME | P1-P3 |
| BUILDING CONDITION | EXISTING |
| OCCUPANCY (CBC SECTION 302) | B |
| BUILDING HEIGHT | 12'-0" |
| NUMBER OF STORIES | 1 |
| TYPE OF CONSTRUCTION | V-B |
| SPRINKLERS | NO |
| ALTERNATIVE PROTECTION (CBC 903.1.1) | NOT USED |
| SEPARATED? (CBC TABLE 508.4) | NO |
| ALLOWABLE AREA DETERMINATION (CBC 506.2, BASED ON THE MOST RESTRICTIVE OCCUPANCY) | **$A_a$ = 9,000** |
| $A_t$ = TABULAR ALLOWABLE AREA (CBC TABLE 506.2) | 9,000 SF |
| NS = TABULAR ALLOWABLE AREA FACTOR | N/A |
| $I_f$ = FRONTAGE INCREASE (CBC 506.3) | NOT USED |
| ALLOWABLE BUILDING HEIGHT (CBC TABLE 504.3) | 40' |
| ALLOWABLE NUMBER OF STORIES (CBC TABLE 504.4) | 2 |
| ACTUAL AREA / ALLOWABLE AREA | **2,715 SF / 9,000 SF = .30 < 1 = OK** |

# BICYCLE STORAGE CALCS

BASED ON 2025 CAL GREEN BUILDING STANDARDS CODE
SECTION 5.106.4.2 BICYCLE PARKING [DSA-SS]

5.106.4.2.1 STUDENT BICYCLE PARKING
REQUIRED: (1) 8-BIKE CAPACITY RACKS PER NEW BUILDING
NEW BUILDINGS: 1
(1) x 8 BIKES = 8 BICYCLES STORED
PROVIDED: **11-BIKE CAPACITY RACK**

5.106.4.2.2 STAFF BICYCLE PARKING
REQUIRED: 2 BIKES STORED PER NEW BUILDING
NEW BUILDINGS: 1
(1) x 2 BIKES = 2 BICYCLES STORED
PROVIDED: **2-BIKE CAPACITY STORAGE, PERMANENTLY ANCHORED**

# ACC. PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLANS IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

# LEGEND

- BUILDING UNDER SCOPE OF WORK
- ACCESSIBLE PATH OF TRAVEL, SEE DEFINITION ON THIS SHEET
- PROPERTY LINE
- FIRE HYDRANT AND 150' RADIUS CIRCLE, IN COMPLIANCE WITH CFC 507.5.1
- ACCESSIBLE BATHROOM FACILITIES:
  - (S) ALL GENDER STAFF (SINGLE OCCUPANCY)
  - (N) ALL GENDER STUDENT (SINGLE OCCUPANCY)
  - (DF) DRINKING FOUNTAIN
- GX — GATE TAG - SEE GATE SCHEDULE ON SHEET A9.1
- PATH OF EGRESS: 41 = OCCUPANT LOAD STARTING POINT OF PATH OF TRAVEL TO EXIT MARKED BY DOT AT THE BEGINNING OF EGRESS LINE

CODE ANALYSIS SITE PLAN | 3/32" = 1'-0" | 15

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STUDIO W ARCHITECTS
Studio W Architects
1930 H Street
Sacramento, California 95811
[ T ] 916.254.5600
www.StudioW-Architects.com

ARCHITECT | ENGINEER

LICENSED ARCHITECT — CHRISTOPHER PUNTENNEY — No. C 30345 — Ren. 9/30/27 — STATE OF CALIFORNIA

DATE SIGNED: 04/06/226

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

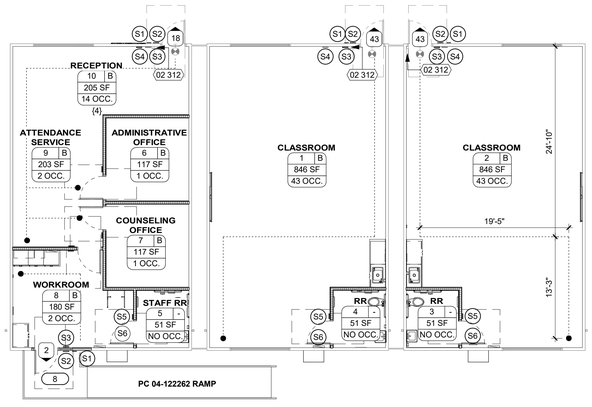
PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

CODE ANALYSIS SITE PLAN

| | |
|---|---|
| Date: 04/06/2026 | Project Number: 25044 |
| Application Number: 02-124033 | Drawing Number: A0.4 |
| Drawn: A.F. | Checked: C.P. |




REF: 8 / X10A5.1

**CODE ANALYSIS FLOOR PLAN** 1/8" = 1'-0" 15

# OCCUPANT LOAD CHART

| ROOM NUMBER | ROOM NAME | FUNCTION OF SPACE (CBC TABLE 1004.5) | SQ. FT. (NET) | OCCUPANT LOAD FACTOR | OCCUPANT LOAD |
|---|---|---|---|---|---|
| 1 | CLASSROOM | Educational Classroom area | 846 SF | 20 | 43 |
| 2 | CLASSROOM | Educational Classroom area | 846 SF | 20 | 43 |
| 3 | RR | (none) | 51 SF | | |
| 4 | RR | (none) | 51 SF | | |
| 5 | STAFF RR | (none) | 51 SF | | |
| 6 | ADMINISTRATIVE OFFICE | Business Areas | 117 SF | 150 | 1 |
| 7 | COUNSELING OFFICE | Business Areas | 117 SF | 150 | 1 |
| 8 | WORKROOM | Business Areas | 180 SF | 150 | 2 |
| 9 | ATTENDANCE SERVICE | Business Areas | 203 SF | 150 | 2 |
| 10 | RECEPTION | Assembly Unconcentrated (tables and chairs) | 205 SF | 15 | 14 |
| | | | 2,669 SF | | 106 |

# KEYNOTES

| NUMBER | NOTE |
|---|---|
| 02 312 | (E) FIRE EXTINGUISHER TO REMAIN |

# GENERAL NOTES

1. WHERE OCCUPANT LOAD SIGN IS REQUIRED, THE SIGN SHALL BE POSTED NEAR THE MAIN EXIT FROM THE ROOM.
2. AREAS HAVING FIXED SEATING AND AISLES SHALL BE DETERMINED BY THE NUMBER OF FIXED SEATS INSTALLED THEREIN, CBC SECTION 1004.4.
3. REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED DURING CONSTRUCTION AND DEMOLITION PER CFC 3311.2.
4. MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED PER CFC 1008.
5. NUMBER OF EXITS SHOWN COMPLY WITH THE MINIMUM REQUIREMENTS SET FORTH IN CBC SECTION 1006.2. WHEN THERE ARE MORE THAN ONE REQUIRED EXIT, THE EXITS SHALL BE LOCATED PER SECTION 1007.1.1. SEE CALCULATIONS BELOW.
6. NO EXIT DOOR SHALL BE LESS THAN 32" CLEAR WIDTH.

# RECEIVER CALCULATION

11B-219.3 RECEIVERS

CUMULATIVE OCCUPANT LOAD OF CLASSROOMS: 86 OCCUPANTS

4% OF LOAD = **4 RECEIVERS REQUIRED**

25% OF REQUIRED RECEIVERS SHALL BE HEARING-AID COMPATIBLE IN ACCORDANCE WITH SECTION 11B-706.3 =
**2 HEARING-AID COMPATIBLE RECEIVERS REQUIRED**

FOR "ASSISTIVE LISTENING SYSTEM AVAILABLE" SIGN LOCATIONS REFER TO PLAN.

# OCCUPANCY CLASS

| ROOM # | ROOM NAME | OCCUPANCY CLASS | SQ. FT. (NET) |
|---|---|---|---|
| 3 | RR | - | 51 SF |
| 4 | RR | - | 51 SF |
| 5 | STAFF RR | - | 51 SF |
| - | | | 154 SF |
| 1 | CLASSROOM | B | 846 SF |
| 2 | CLASSROOM | B | 846 SF |
| 6 | ADMINISTRATIVE OFFICE | B | 117 SF |
| 7 | COUNSELING OFFICE | B | 117 SF |
| 8 | WORKROOM | B | 180 SF |
| 9 | ATTENDANCE SERVICE | B | 203 SF |
| 10 | RECEPTION | B | 205 SF |
| B | | | 2,515 SF |
| TOTAL AREA (NET) | | | 2,669 SF |

# SIGNAGE LEGEND

- (S1) ACCESSIBLE ENTRANCE SIGN, SEE DETAIL 9 / A10.10.1
- (S2) ROOM IDENTIFICATION SIGN, SEE DETAIL 11 / A10.10.1
- (S3) EXIT SIGN, SEE DETAIL 12 / A10.10.1
- (S4) ASSISTIVE LISTENING SIGN, SEE DETAIL 10 / A10.10.1
- (S5) ALL GENDER WALL MOUNTED SIGN, SEE DETAIL 13 / A10.10.1
- (S6) ALL GENDER DOOR SIGN, SEE DETAIL 14 / A10.10.1

# EXIT WIDTH CALCULATIONS

NOTE: EXIT WIDTH CALCULATIONS ARE PER CBC 1005.3.2. IF CALCULATED EXITING WIDTH IS LESS THAN 32", THEN 32" IS USED AS THE MINIMUM VALUE PER CBC 11B-403.5.1 (EXCEPTION 1). REFER TO "EXIT WIDTH PROVIDED" COLUMN BELOW AND DOOR SCHEDULE ON SHEET A9.1 FOR MORE INFORMATION.

| MARK | DOOR WIDTH | EXITING OCCUPANTS | MINIMUM EXIT WIDTH REQUIRED (EXITING OCCUPANTS *.2) | EXIT WIDTH PROVIDED |
|---|---|---|---|---|
| 8 | 3'-0" | 2 | 32" | 32" |

# PLUMBING ANALYSIS

PLUMBING OCCUPANCY (CPC CH. 4 TABLE A)

| OCCUPANT LOAD | AREA | OCC. LOAD FACTOR | TOTAL PERSONS |
|---|---|---|---|
| (none) | 154 SF | | |
| GROUP B - OFFICE OR PUBLIC BUILDINGS | 823 SF | 200 | 5 |
| GROUP E - SCHOOLS FOR DAY CARE, ELEMENTARY, SECONDARY (UP TO 12TH GRADE) | 1,692 SF | 30 | 57 |
| | 2,669 SF | | 62 PERSONS |

MINIMUM PLUMBING FACILITIES (CPC TABLE 422.1, E OCCUPANCY)
62 OCCUPANTS = 31 MEN AND 31 WOMEN

| FIXTURE TYPE | REQUIRED | PROVIDED |
|---|---|---|
| WATER CLOSETS | 1 PER 50 MALE<br>1 PER 30 FEMALE | 3<br>3 |
| URINALS | 1 PER 100 | - |
| LAVATORIES | 1 PER 40 MALE<br>1 PER 40 FEMALE | 3<br>3 |
| WATER FOUNTAINS | 1 PER 150 | 2 |

# LEGEND

- ILLUMINATED EXIT SIGN, SEE ELECTRICAL DRAWINGS.
  EXIT SIGNAGE TO ACCOMPANY ALL ILLUMINATED EXIT SIGNS.
  L = LOW LEVEL ILLUMINATED EXIT SIGN (WHERE OCCURS)
- WORKROOM / A101 B / 1,500 SF / 10 OCC. / {15}
  AREA IDENTITY/ CODE ANALYSIS
  WORKROOM = ROOM NAME
  A101 = ROOM NUMBER
  B = OCCUPANCY CLASS (CBC 302)
  1,500 SF = FLOOR AREA
  10 = OCCUPANT LOAD
  {15} = OCCUPANT LOAD PLUS ANCILLARY SPACE WHERE OCCURS
- 41
  PATH OF EGRESS
  41 = OCCUPANT LOAD
  STARTING POINT OF PATH OF TRAVEL TO EXIT MARKED BY DOT AT THE BEGINNING OF EGRESS LINE

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STUDIO W ARCHITECTS

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1930 H Street
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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTOPHER PANTTAJA No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA<br>DATE SIGNED: 04/06/2026 | |

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DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

CODE ANALYSIS FLOOR PLAN

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A0.5 |
| Drawn / Checked | |
| M.N./A.F. / C.P. | |

PRINT DATE: 4/6/2026 12:00:35 PM
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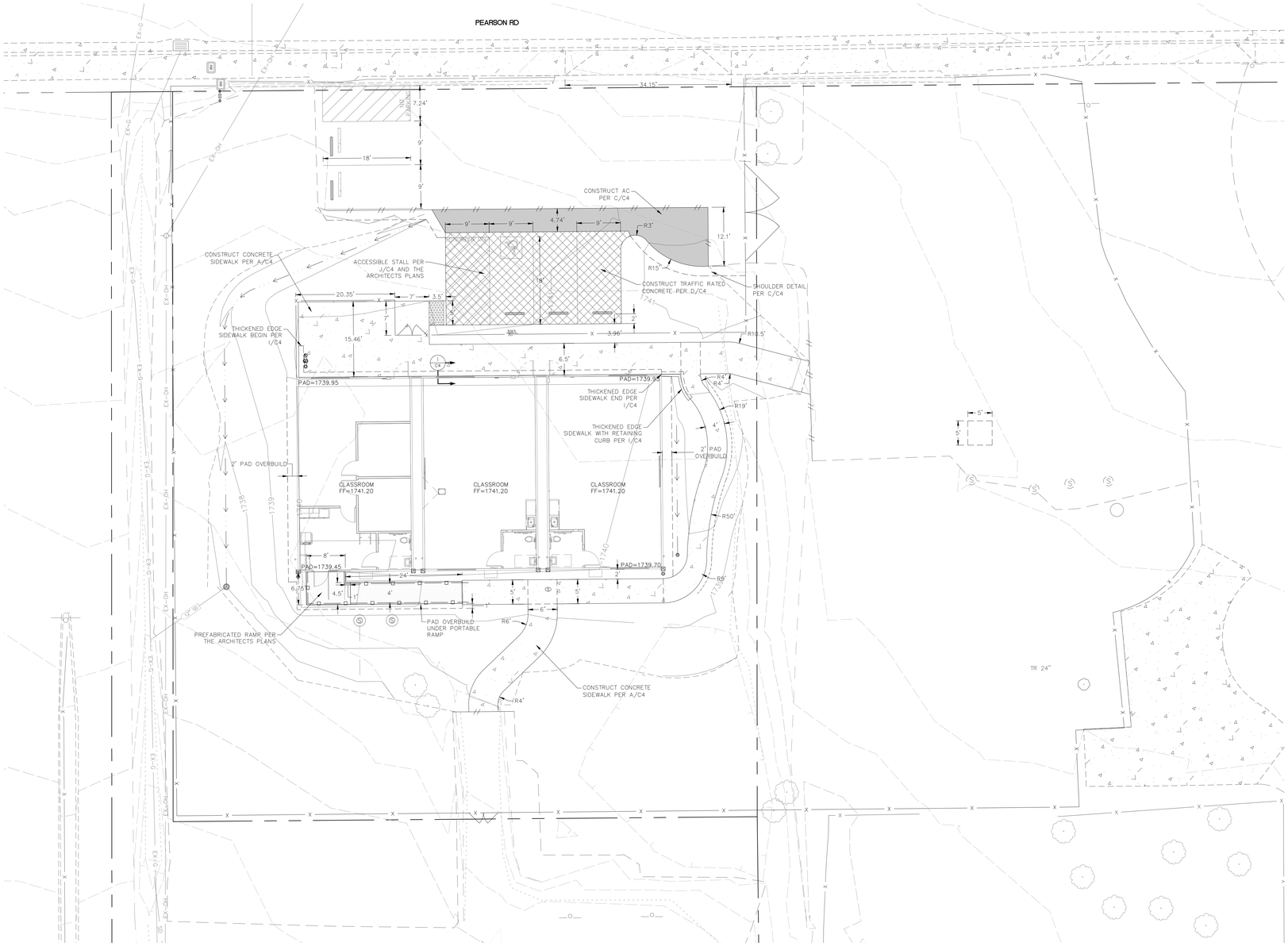


## SHEET INDEX


C1 CIVIL SITE LAYOUT
C2 CIVIL SITE DEMOLITION
C3 CIVIL SITE GRADING AND UTILITY
C4 CIVIL SITE DETAIL


## CONSTRUCTION LAYOUT NOTE

1. THE ELECTRONIC AUTOCAD FILE SHOWING LAYOUT, GRADES, AND SURVEY CONTROL POINTS WILL BE MADE AVAILABLE TO THE WINNING BIDDER TO AID IN CONSTRUCTION LAYOUT.

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| AGGREGATE BASE | AB | MAXIMUM | MAX |
| ASPHALT CONCRETE | AC | MINIMUM | MIN |
| BACK OF WALK | BOW | NOT TO SCALE | NTS |
| CENTERLINE | CL | ORIGINAL GROUND | OG |
| CLEAN OUT | CO | PROPERTY LINE | PL |
| DRAIN INLET | DI | POWER POLE | PP |
| ELECTRIC | E | RADIUS | R |
| ELEVATION | ELEV | RIGHT-OF-WAY | ROW |
| EDGE OF PAVEMENT | EP | STORM DRAIN | SD |
| EXISTING | EX | STORM DRAIN MAINTENANCE HOLE | SDMH |
| FINISH FLOOR | FF | SANITARY SEWER | SS |
| FINISH GRADE | FG | SANITARY SEWER MAINTENANCE HOLE | SSMH |
| FLOWLINE | FL | STANDARD | STD |
| FACE OF CURB | FOC | SIDEWALK | SW |
| FEET | FT | TOP BACK OF CURB | TBC |
| GAS | G | TOE OF SLOPE | TOE |
| GRADE BREAK | GB | TOP OF SLOPE | TOP |
| GAS METER | GM | TOP OF WALL | TW |
| JOINT TRENCH | JT | TYPICAL | TYP |
| LINEAR FEET | LF | WATER | W |
| LIP OF GUTTER | LIP | WATER METER | WM |

## LEGEND

- 12" SD — EXISTING STORM DRAIN LINE & SIZE
- 6" SS — EXISTING SEWER LINE & SIZE
- EX-W — EXISTING WATER
- EX-OH — EXISTING OVERHEAD LINE
- 2330 — EXISTING 5' MAJOR CONTOUR
- 2331 — EXISTING 1' MINOR CONTOUR
- EXISTING TOE OF SLOPE
- EXISTING TOP OF SLOPE
- EXISTING PARCEL PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- WV — EXISTING WATER VALVE / FIRE HYDRANT
- 8" SD — PROPOSED SD PIPE (F/C4)
- 4" SS — PROPOSED SEWER LINE (F/C4)
- 2" W — PROPOSED DOMESTIC WATER SERVICE (F/C4)
- 2330 — PROPOSED 5' MAJOR CONTOUR
- 2331 — PROPOSED 1' MINOR CONTOUR
- PROPOSED ASPHALT CONCRETE PAVING (C/C4)
- PROPOSED SIDEWALK CONCRETE (A/C4)
- PROPOSED TRAFFIC CONCRETE (D/C4)
- PROPOSED SAWCUT LINE
- PROPOSED CATCHLINE
- X — PROPOSED FENCE PER ARCHITECTS PLANS
- PROPOSED PLASTIC YARD DRAIN (G/C4)
- LIMITS OF DISTURBANCE
- 4"X6"X6" CONCRETE PARKING STOP, SECURE WITH (2) #4 REBAR
- PROPOSED THICKENED EDGE SIDEWALK (I/C4)

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- DSA PLAN CHECK
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- BIDDING
- CONSTRUCTION

KEY PLAN

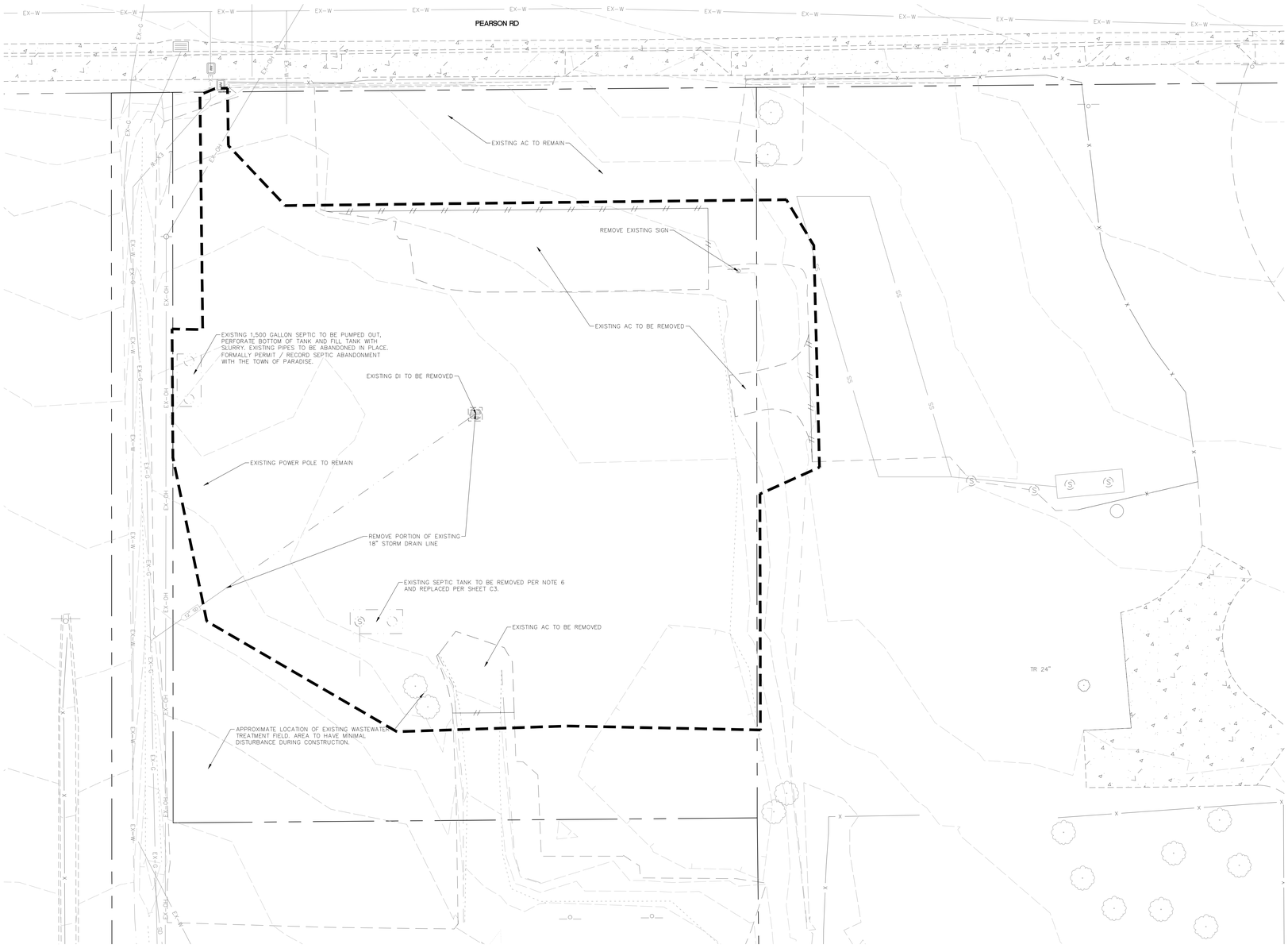
# PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

50% CD

# HONEY RUN ACADEMY RELOCATED RELOCATABLES
622 PEARSON RDOAD,
PARADISE, BUTTE, CA, 95969

# CIVIL SITE LAYOUT

| Date | Project Number |
|---|---|
| 02/18/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | C1 |
| Drawn: CNS | Checked: RMS |




## DEMOLITION NOTES

1. CALL USA PRIOR TO THE START OF ANY CONSTRUCTION OR DEMOLITION. COORDINATE MARKING OF SCHOOL OWNED UTILITIES WITH FACILITIES STAFF.
2. CONTRACTOR IS TO COORDINATE WITH LOCAL UTILITY COMPANIES AND CAMPUS AS NEEDED FOR SERVICE SHUTOFFS / DISCONNECTS AND ANY SPECIAL DEMOLITION PROCEDURES. ALL UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED ON PLANS.
3. REMOVED AGGREGATE BASE, GROUND ASPHALT –1", & SAND MAY BE REUSED FOR SITE FILL UNDER PROPOSED HARDSCAPE IMPROVEMENTS ONLY. IT SHALL NOT BE NOT PLACED IN LANDSCAPE AREAS.
4. ALL DELETERIOUS DEBRIS SHALL BE COMPLETELY REMOVED FROM THE SITE.
5. ALL REMAINING FOUNDATIONS, SEPTIC TANKS, UNDERGROUND UTILITIES, AND OTHER EXISTING SITE IMPROVEMENTS THAT ARE ENCOUNTERED DURING CONSTRUCTION WITHIN THE PROPOSED BUILDING AREA SHOULD BE DEMOLISHED AND REMOVED FROM THE SITE. THESE DEMOLITION MATERIALS SHOULD BE DISPOSED OF OFF–SITE IN COMPLIANCE WITH APPLICABLE REGULATORY REQUIREMENTS.
6. EXISTING SEPTIC TANK AND SUMP SHALL BE DESTROYED AND REMOVED FROM SITE. ALL CONTENTS OF EACH TANK MUST BE PUMPED, AND A PUMP CERT SHALL BE CREATED.
7. SITE SURVEY AND COMPILATION OF EXISTING AS–BUILTS IS NOT SUFFICIENT TO LOCATE EXISTING UNDERGROUND UTILITY LINES WITH ANY CONFIDENCE. CONTRACTOR TO BE AWARE THAT UNDERGROUND LINES MAY EXIST ANYWHERE ON THE SITE AND SHALL USE EXTREME CAUTION DURING ALL EXCAVATION AND EARTHWORK.
8. DEMOLITION CONTRACTOR TO REVIEW CONSTRUCTION DRAWINGS AND SAVE ANY FACILITIES SHOWN AS REMAINING. COORDINATE THE EXACT LIMITS OF REMOVAL WITH BUILDING CONTRACTOR TO ENSURE GOOD CONTINUATION OF FACILITIES TO BE MATCHED.
9. CONCRETE SIDEWALK SHOWN TO BE REMOVED SHALL BE REMOVED AT THE NEAREST JOINT OR IF NO JOINT IS PRESENT SHALL BE SAW CUT AND CONCRETE EDGE SHALL BE BEVEL GROUND TO ½" RADIUS.

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CIVIL SITE DEMOLITION

| | |
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| Application Number 02-124033 | Drawing Number C2 |
| Drawn CNS | Checked RMS |

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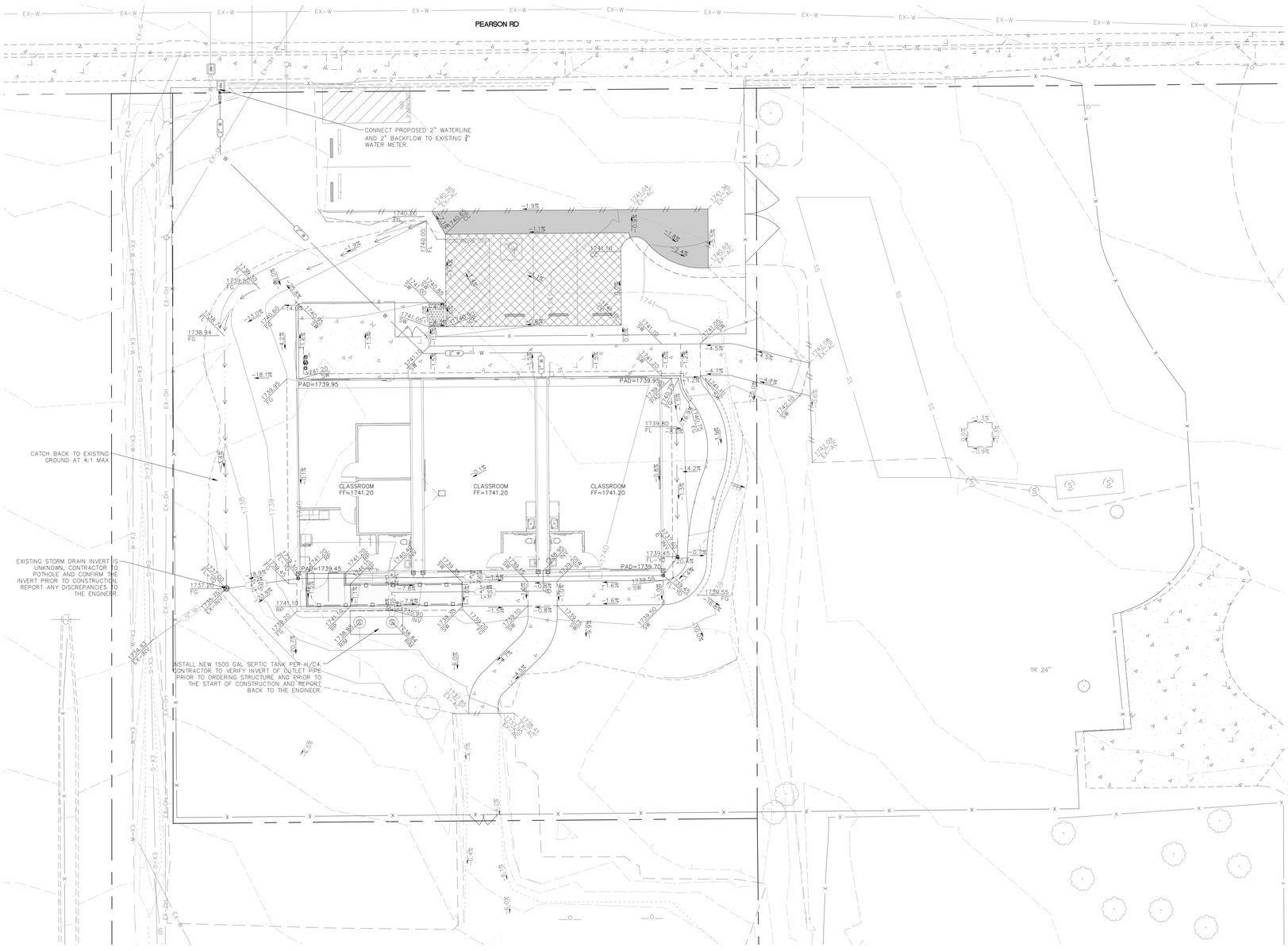


## GRADING NOTES

501.25 / SW — PROPOSED FINISHED GROUND ELEVATION

501.85 / EX—AC — MATCH EXISTING GROUND ELEVATION, VERIFY PRIOR TO CONSTRUCTION, REPORT DIFFERENCES TO ENGINEER.

GRADE LABEL ELEVATION CALLOUTS KEY

| | | |
|---|---|---|
| AC | = | TOP OF ASPHALT CONCRETE |
| BOW | = | BACK OF SIDEWALK (PUBLIC) |
| CONC | = | TOP CONCRETE DRIVE |
| CC | = | CONCRETE CORNER |
| EP | = | EDGE OF PAVEMENT |
| EX | = | EXISTING |
| DI | = | FLOW LINE @ INLET |
| FC | = | BOTTOM FACE OF CURB |
| FF | = | FINISHED FLOOR |
| FG | = | FINISH GROUND |
| FL | = | FLOW LINE |
| FNC | = | FENCE |
| GB | = | GRADE BREAK |
| INV | = | INVERT PIPE |
| RIM | = | TOP MANHOLE LID |
| SW | = | SIDEWALK |
| TBC | = | TOP BACK OF CURB |
| TW | = | TOP OF WALL |
| YD | = | YARD DRAIN (APPROXIMATE TOP OF GRATE) |

1. ALL HARDSCAPE ADJACENT TO BUILDINGS SHALL SLOPE AT A MINIMUM OF 1% AND A MAXIMUM OF 2% AWAY FROM THE BUILDING.
2. CONCRETE CONTRACTOR SHALL CHECK ALL FORM BOARD OR STRING LINES PRIOR TO PLACING CONCRETE ALONG ALL CURBS, PARKING, AND SIDEWALKS. GENERALLY REVIEW TO CONFIRM SLOPES ARE IN CONFORMANCE WITH PLANS, THAT NO APPARENT LOW SPOTS OR PUDDLES ARE BEING CREATED, AND THAT ADA SLOPE REQUIREMENTS ARE BEING MET. REPORT ANY DISCREPANCIES TO ENGINEER PRIOR TO PLACING CONCRETE.
3. CONTRACTOR TO VERIFY EXPECTED CUT / FILL AND CALCULATE ANY OFF HAUL OR IMPORT. REPORT EXPECTED # TO ENGINEER PRIOR TO BEGINNING WORK

## SUBGRADE PREPARATION NOTES

FOLLOWING SITE CLEARING, STRIPPING, AND DEMOLITION ACTIVITIES:

FOR AREAS TO BE CUT TO ACHIEVE SUBGRADE, EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION, SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 3 PERCENT ABOVE OPTIMUM. COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

FOR AREAS TO BE FILLED TO ACHIEVE SUBGRADE, SCARIFY EXPOSED SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT LEAST 3 PERCENT ABOVE OPTIMUM. COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

THE UPPER 12 INCHES OF FILL IN ASPHALT PAVED AREAS SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.

SUBGRADE PREPARATION REQUIREMENTS SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PAVING/CONCRETE AND BUILDING PAD WHEN NOT ABUTTING EXISTING PAVING.

## UNDERGROUND NOTES

1. STORM DRAINAGE: THE MINIMUM SLOPE FOR ALL ON-SITE STORM DRAINAGE IS AS FOLLOWS: 12"=0.5%, 10"=0.5% 8"=0.5%, 6"=0.5%, 4"=1.0% (UNLESS OTHERWISE LABELED). ALL UNLABELED PIPES AT END OF RUNS ARE 4" MINIMUM.

   LINES CONNECTING ROOF LEADERS & YARD DRAINS HAVE CONSTRUCTION FLEXIBILITY IN LOCATION & SLOPE (WITHIN MINIMUM SLOPES). CONTRACTOR SHALL CONSTRUCT TO AVOID CONFLICTS WITH OTHER UTILITIES, LIGHT POLES, POSTS, TREES, AND OTHER SITE ELEMENTS. A MINIMUM COVER DEPTH OF 18" IS REQUIRED AT ALL LOCATIONS.

   ACTUAL YARD DRAIN NUMBER, LOCATION, & ELEVATIONS ARE APPROXIMATE. CONTRACTOR LOCATE AND SET AS NEEDED BY LANDSCAPE DESIGN. FINAL ELEVATIONS WILL BE DETERMINED BY LANDSCAPE CONSTRUCTION. GENERALLY SLOPE LANDSCAPE TO DRAINS AND ADJUST TO AVOID STORM WATER FLOWING ACROSS SIDEWALKS.
2. SEWER LATERALS: THE MINIMUM SLOPE FOR SITE SEWER LATERALS IS AS FOLLOWS, 4"=2.0%, 6"=1.0%, & 8"=0.35% (UNLESS OTHERWISE LABELED). REFER TO PLUMBING PLANS FOR SLOPES & MATERIALS ALLOWED UNDER BUILDINGS.
3. ONSITE JOINT TRENCH SEPARATION: AN ABSOLUTE MINIMUM OF 3' TRENCH SEPARATION IS REQUIRED BETWEEN THE EDGE OF THE JOINT TRENCH AND THE EDGE OF ANY WET UTILITY TRENCH. MORE IS PREFERRED WHEN POSSIBLE, MORE MAY BE REQUIRED BY INDIVIDUAL UTILITY COMPANIES, CONTRACTOR TO CONFORM TO MORE STRINGENT REQUIREMENT.
4. UTILITY TRENCH SEEPAGE PREVENTION: SEE PLUMBING PLANS FOR DETAILS REGARDING TRENCH PLUGS AT ALL LOCATIONS WHERE UTILITY LINES CROSS UNDER THE BUILDING FOOT PRINT. THE INTENT IS TO PREVENT WATER INTRUSION FROM UTILITY TRENCHES LEACHING WATER UNDER THE BUILDING. IF NO DETAIL IS PRESENT ON MEP PLANS CONTRACTOR IS TO COORDINATE INSTALLATION OF TRENCH PLUG WITH MEP & SOILS REPORT.
5. DOMESTIC WATER SYSTEM PRESSURE REDUCTION VALVES: SEE PLUMBING PLANS FOR ANY REQUIRED PRESSURE REDUCTION VALVES.
6. WATER SYSTEM BACKFLOW PREVENTION: REDUCED PRESSURE BACKFLOW DEVICES ARE REQUIRED AT ALL CONNECTIONS TO PID SYSTEM AND ARE TO BE INSTALLED IMMEDIATELY AFTER THE WATER METER OR FIRE SERVICE GATE VALVE. FROST BAGS ARE REQUIRED TO BE INSTALLED ON ALL BACKFLOWS, INSTALL PER PID'S STANDARDS. BACKFLOW DEVICES SHALL MEET THE FOLLOWING MODEL SPECS OR EQUAL AS APPROVED BY PARADISE IRRIGATION DISTRICT:

   2" = WILKINS 375AST (DOMESTIC SERVICE)

## SEPTIC SYSTEM CONSTRUCTION NOTES

1. EXISTING LEACH FIELD IS ASSUMED TO BE IN GOOD WORKING CONDITION AND WILL REMAIN IN PLACE. THE EXACT EXTENTS ARE UNKNOWN, CONTRACTOR TO BE CAUTIOUS WHILE DOING GRADING WORK AND TO NOTIFY THE ENGINEER IF THE FIELD IS ENCOUNTERED.
2. THESE PLANS DEPICT A SEPTIC SYSTEM REPAIR DESIGN TO THE EXISTING WASTEWATER SYSTEM. THIS SYSTEM IS DESIGNED TO ACCEPT THE DOMESTIC STRENGTH SEWAGE WASTE FROM THE HONEY RUN ACADEMY PORTABLES.
3. IN ORDER FOR THIS SYSTEM TO FUNCTION PROPERLY, ALL TANKS, COLLECTION LINES, AND DISTRIBUTION LINES SHALL BE WATERTIGHT. GRAVITY LINES SHALL WITHSTAND 40 PSI FOR 30 MINUTES.
4. ALL VALVE ENCLOSURES AND TANK LIDS SHALL BE INSTALLED SO THAT THE LID IS APPROXIMATELY 2" ABOVE THE SURROUNDING FINISH GRADE.
5. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH THE OWNER OR THE OWNER'S REPRESENTATIVE, THE TOWN OF PARADISE ON-SITE DIVISION, AND THE ENGINEER. THE SYSTEM LAYOUT AS SHOWN ON THIS PLAN IS APPROXIMATE AND MAY BE ALTERED ONLY WITH THE APPROVAL OF THE TOWN OF PARADISE ON-SITE DIVISION AND THE ENGINEER.
6. THE CONTRACTOR SHALL VERIFY EXISTING TRENCH & UTILITY LOCATIONS PRIOR TO CONSTRUCTION, AND REPORT DIFFERENCES BACK TO THE ENGINEER.
7. CONTRACTOR TO VERIFY GRAVITY CONNECTION WILL MAINTAIN FUNCTION OF EXISTING LEACH FIELD. REPORT DIFFERENCES TO THE ENGINEER.
8. THE CONTRACTOR SHALL DETERMINE THE DEPTH OF THE EXISTING LEACH LINE AND REPORT BACK TO THE ENGINEER.

## SEPTIC SYSTEM INSPECTIONS

1. THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER THE PROPER STAKING OF THE SYSTEM PRIOR TO ANY CONSTRUCTION. THE SYSTEM DETAILS, CONFIGURATION, LOCATION, CONTOUR, ETC. SHALL BE VERIFIED. THE LAYOUT AND STAKING OF THE SYSTEM SHALL BE IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS.
2. AT A MINIMUM THE TOWN OF PARADISE ON-SITE DIVISION SHALL BE PRESENT FOR THE FOLLOWING INSPECTIONS:
   - TANK WATER TIGHTNESS TEST

   THE CONTRACTOR SHALL NOTIFY THE TOWN OF PARADISE WHEN READY FOR THESE INSPECTIONS. ADDITIONAL INSPECTIONS MAY BE REQUIRED BY THE TOWN.
3. ADDITIONAL INTERIM INSPECTIONS MAY BE REQUIRED PRIOR TO COVERING ANY ELEMENTS OF THE SYSTEM, AT THE DISCRETION OF THE ENGINEER AND/OR THE TOWN.
4. A FINAL INSPECTION OF THE COMPLETED SYSTEM SHALL BE MADE BY THE ENGINEER AND THE TOWN. THE CONTRACTOR SHALL VERIFY, IN WRITING TO THE TOWN, THAT ALL CONSTRUCTION IS IN GENERAL CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
5. AN ACCURATE AS-BUILT PLAN SHALL BE PREPARED BY THE CONTRACTOR AND SUPPLIED TO THE ENGINEER PRIOR TO FINAL INSPECTION OF THE SYSTEM.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN REQUIRED SIGNATURES ON THE CONSTRUCTION INSPECTION CHECKLIST AND SUBMIT THEM TO THE ENGINEER. A FINAL INSPECTION WILL NOT BE CONDUCTED WITHOUT A COMPLETED CHECKLIST AND AN AS-BUILT SITE PLAN.

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PARADISE, CA 95969

50% CD

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PARADISE, BUTTE, CA, 95969

CIVIL SITE GRADING

| Date | Project Number |
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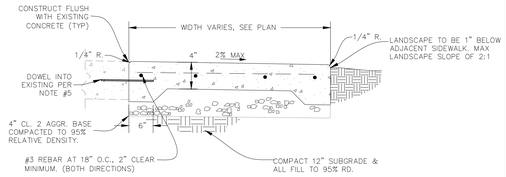
| 02/18/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | C3 |
| Drawn: CNS | Checked: RMS |

## A TYPICAL CONCRETE SIDEWALK

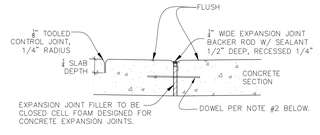
NOT TO SCALE




NOTES:
1. THICKEN ALL EDGES OF CONCRETE SIDEWALKS AN EXTRA 2" FOR A MIN OF 6".
2. INSTALL SCORE AND EXPANSION JOINTS PER PLANS. IF NONE SHOWN CONTRACTOR TO SUBMIT SHOP DRAWING OF PROPOSED JOINTS FOR APPROVAL.
3. LONGITUDINAL SLOPE NOT TO EXCEED 5%, TRANSVERSE SLOPE NOT TO EXCEED 2% IN PLAZA AREAS ALL SLOPES SHALL BE LESS THAN 2%
4. CONCRETE HAVE MINIMUM DESIGN STRENGTH OF 2,500 PSI WITH HISTORY OF REACHING 4,000 PSI @ 28 DAYS. STRENGTH IS FOR DURABILITY, NO TESTING REQUIRED PER THE EXCEPTION TO CBC §1705A.3.
5. WHEN CONSTRUCTED ADJACENT TO EXISTING CONCRETE SIDEWALK DRILL AND DOWEL @ 24" O.C. WITH 12" LONG #4 SMOOTH DOWELS, EQUAL EMBEDMENT.
6. APPLY A MEDIUM BROOM FINISH PERPENDICULAR TO THE DIRECTION OF TRAVEL.
7. AS DEFINED BY ACI 318 THE FREEZE–THAW EXPOSURE CLASS IS F2.
8. SAMPLING AND TESTING NOT REQUIRED.

## B EXPANSION & CONTROL JOINTS

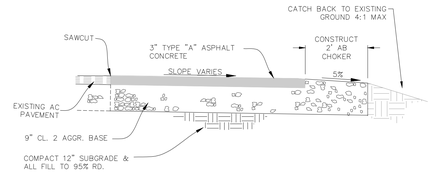
NOT TO SCALE




NOTES:
1. EXPANSION JOINT SHALL BE CLEAN AND DRY PRIOR TO INSTALLING BACKER ROD AND JOINT SEALANT.
2. ALL COLD AND EXPANSION JOINTS, INCLUDING CONNECTIONS TO EXISTING SIDEWALKS, SHALL BE DOWLED @ 24" O.C. WITH 12" LONG #4 SMOOTH DOWELS, EQUAL EMBEDMENT.
3. CONTROL JOINTS SHALL BE SPACED EVENLY NOT TO EXCEED WIDTH OF SIDEWALK.

## C TYPICAL ASPHALT SECTION

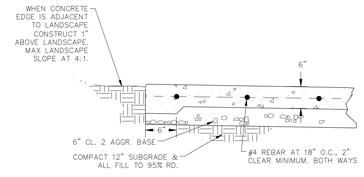
NOT TO SCALE




NOTES:
1. EXISTING AC SECTION THICKNESS IS UNKNOWN. CONTRACTOR TO MATCH EXISTING SECTION IF IT IS THICKER THAN SHOW IN THIS DETAIL.

## D TRAFFIC RATED CONCRETE

NOT TO SCALE




NOTES:
1. THICKEN ALL EDGES OF CONCRETE AN EXTRA 2" FOR A MIN OF 6".
2. INSTALL SCORE AND EXPANSION JOINTS PER ARCH PLANS. IF NONE SHOWN CONTRACTOR TO SUBMIT SHOP DRAWING OF PROPOSED JOINTS FOR APPROVAL.
3. CONCRETE HAVE MINIMUM DESIGN STRENGTH OF 2,500 PSI WITH HISTORY OF REACHING 4,000 PSI @ 28 DAYS. STRENGTH IS FOR DURABILITY, NO TESTING REQUIRED.
4. WHEN CONSTRUCTED ADJACENT TO EXISTING CONCRETE SIDEWALK DRILL AND DOWEL @ 24" O.C. WITH 12" LONG #4 SMOOTH DOWELS, EQUAL EMBEDMENT.
5. APPLY A MEDIUM BROOM FINISH PERPENDICULAR TO THE DIRECTION OF TRAVEL.

## E PORTABLE PAD DETAIL




## F TYPICAL ON SITE SD, SS, AND WATER

NOT TO SCALE




NOTES:
1. FOR JOINT TRENCHES SEPARATE LINES BY 12" MIN. HORIZONTAL OR VERTICAL. WHEN CROSSING LINES SEPARATE BY 12" MINIMUM.
2. SEWER & STORM WATER ARE NOT TO BE RUN IN JOINT TRENCHES. MAINTAIN 5' MINIMUM SEPARATION TO OTHER UTILITIES (TYPICAL)
3. BEDDING AND INITIAL BACKFILL TO BE PER UTILITY COMPANY REQUIREMENTS. SEWER & WATER SHALL BE SAND, STORM SHALL BE CLASS 2 BASE ROCK.

## G TYPICAL YARD DRAIN

NOT TO SCALE



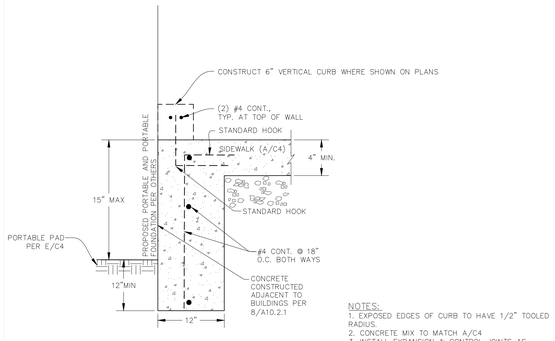

NOTES:
1. WHEN INSTALLED AT THE END OF A STORM DRAIN LINE INSTALL ELBOW FITTING.

## H 1500 GALLON SEPTIC TANK

NOT TO SCALE

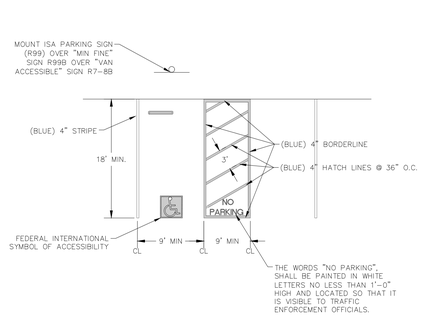



## I TYPICAL SIDEWALK THICKENED EDGE

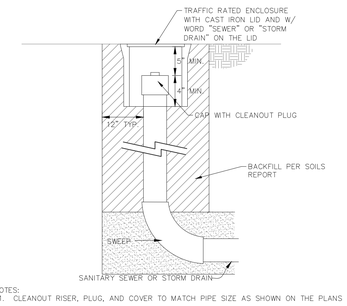



NOTES:
1. EXPOSED EDGES OF CURB TO HAVE 1/2" TOOLED RADIUS.
2. CONCRETE MIX TO MATCH A/C4
3. INSTALL EXPANSION & CONTROL JOINTS AS NEEDED TO AVOID CRACKING.

## J ADA PARKING DETAILS AND SIGNAGE




## K SANITARY SEWER OR STORM DRAIN CLEANOUT




NOTES:
1. CLEANOUT RISER, PLUG, AND COVER TO MATCH PIPE SIZE AS SHOWN ON THE PLANS

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50% CD

HONEY RUN ACADEMY RELOCATED RELOCATABLES
622 PEARSON RDOAD,
PARADISE, BUTTE, CA, 95969

CIVIL SITE DETAILS

| Date | Project Number |
|---|---|
| 02/18/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | C4 |
| Drawn: CNS | Checked: RMS |

PRINT DATE: 1/14/2026 10:09:57 AM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

# HONEY RUN ACADEMY

PARADISE, CALIFORNIA

## LANDSCAPE NOTES

GENERAL

1. CONSTRUCTION DRAWINGS ARE PART OF THE PROJECT CONTRACT DOCUMENTS. BY SUBMITTING A BID OR STARTING WORK, THE CONTRACTOR SIGNIFIES UNDERSTANDING AND ACCEPTANCE OF ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS PROVIDED BY THE OWNER, INCLUDING BUT NOT LIMITED TO THE GENERAL CONDITIONS, SPECIAL CONDITIONS, PROJECT SPECIFICATIONS AND ANY ADDENDA (AS APPLICABLE).
2. CONTRACTOR SHALL EXAMINE THE SITE AND COMPARE THE CONTRACT DOCUMENTS TO SITE CONDITIONS. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE ON BEHALF OF THE CONTRACTOR ON ACCOUNT OF CONTRACTOR'S ERROR, NEGLIGENCE OR FAILURE TO BECOME ACQUAINTED WITH THE CONDITIONS OF THE SITE UNDER WHICH THE WORK IS TO BE PERFORMED BEFORE ENTERING INTO THIS CONTRACT.
3. THE WORK SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES, INCLUDING AIR QUALITY AND NOISE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO THE START OF WORK.
5. CONFIRM WORK HOUR REQUIREMENTS WITH THE OWNER.
6. THE CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK, INCLUDING COORDINATION OF TRADES. ALL WORK SHALL BE ACCOMPLISHED BY LICENSED CONTRACTORS AND EXPERIENCED WORKERS. THE CONTRACTOR SHALL EMPLOY A SUPERINTENDENT TO SUPERVISE THE WORK ON SITE WHO SHALL BE THE CONTRACTORS REPRESENTATIVE.
7. IF ANY HAZARDOUS MATERIALS, BURIAL MARKERS, ARCHEOLOGICAL MATERIALS OR WETLANDS ARE FOUND, CONTRACTOR SHALL SUSPEND WORK IMMEDIATELY AND NOTIFY THE OWNER IN WRITING. WORK SHALL BE SUSPENDED UNTIL THE SIGNIFICANCE OF THE DISCOVERY IS ASSESSED BY A QUALIFIED PROFESSIONAL AND MITIGATION MEASURES ARE APPROVED.
8. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL PROVIDE AND PAY FOR LABOR, MATERIALS, EQUIPMENT, TOOLS, MACHINERY, UTILITIES, TRANSPORTATION AND OTHER FACILITIES AND SERVICES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK, WHETHER TEMPORARY OR PERMANENT, AND WHETHER INCORPORATED OR NOT INCORPORATED IN THE WORK.
9. DURING PROGRESSION OF THE WORK, THE CONTRACTOR SHALL MAINTAIN A COPY OF THE DRAWINGS ON SITE IN A NEAT AND ORDERLY MANNER, INCLUDING ALL ADDENDA, REQUESTS FOR INFORMATION, SUPPLEMENTAL INFORMATION, APPROVED SUBSTITUTIONS, APPROVED SHOP DRAWINGS, AND OTHER DOCUMENTS MARKED TO INDICATE FIELD CHANGES AND AS-BUILT CONDITIONS.
10. LANDSCAPE SUBMITTALS: INCLUDE, AT A MINIMUM, MANUFACTURERS PRODUCT SHEETS, SOIL AMENDMENTS, IRRIGATION EQUIPMENT, PLANT LISTS AND BARK SAMPLES. SUBMITTALS SHALL CLEARLY INDICATE PROPOSED COLORS. INCLUDE A TABLE OF CONTENTS SUMMARIZING ALL ITEMS. SUBMITTALS AND MATERIAL SAMPLES SHALL BE PROVIDED A MINIMUM OF 45 DAYS PRIOR TO MATERIAL ORDERING TO ACCOUNT FOR REVIEW AND ORDERING LEAD TIME. NO EXTENSIONS OF CONTRACT TIME WILL BE GRANTED DUE TO MATERIAL PROCUREMENT LEAD TIMES.

SITE

1. VISUALLY INSPECT AND DOCUMENT ANY DAMAGE TO EXISTING FEATURES ON SITE PRIOR TO STARTING THE WORK. ANY EXISTING FEATURES AND/OR STRUCTURES NOT SPECIFICALLY NOTED FOR REMOVAL SHALL BE RETAINED AND PROTECTED IN PLACE. DAMAGE TO STREETS, SIDEWALKS, ADJACENT PROPERTIES OR OTHER FEATURES THAT ARE TO REMAIN SHALL BE REPAIRED OR REPLACED TO ORIGINAL CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
2. THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION, REMOVAL AND SITE PREPARATION NECESSARY FOR THE PROPER EXECUTION OF ALL WORK DESCRIBED WITHIN THIS PLAN SET. ANY ITEMS REQUIRED TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF-SITE. LAWN OR WEED REMOVAL SHALL BE COMPLETELY ERADICATED BY USING HERBICIDE AND MECHANICAL MEANS FOR REMOVAL.
3. EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. AVOID ROOT AND INSTALL PROTECTIVE FENCING AROUND ALL TREES THAT WILL REMAIN 24" OUTSIDE THE CANOPY LIMITS. IF IRRIGATION IS REMOVED OR INTERRUPTED, PROVIDE TEMPORARY OR SUPPLEMENTAL WATERING AS NEEDED UNTIL A PERMANENT SYSTEM IS RE-ESTABLISHED. RECONNECT ANY EXISTING IRRIGATION LINES THAT SERVICE EXISTING PLANTER AREAS TO REMAIN WITH A MAXIMUM 24-HOUR PERIOD.
4. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST AT ALL TIMES. DUST CONTROL MEASURES MUST BE IMPLEMENTED AS NECESSARY, INCLUDING DAYS WHEN CONSTRUCTION ACTIVITIES ARE NOT OCCURRING (I.E. EVENINGS, WEEKENDS OR HOLIDAYS).
5. COMPACTION BY JETTING SHALL NOTE BE PERMITTED.
6. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN ELECTRICAL CONNECTION IN THE FIELD FOR THE IRRIGATION CONTROLLER. COORDINATE THE ELECTRICAL WORK WITH OTHER TRADES.
7. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN ELECTRICAL CONNECTION IN THE FIELD FOR THE IRRIGATION CONTROLLER. COORDINATE THE ELECTRICAL WORK WITH OTHER TRADES.
8. THE TOP SIX (6) INCHES OF ALL PLANTED AREAS SHALL BE FREE OF STONES, STUMPS OR OTHER DELETERIOUS MATTER ONE (1) INCH IN DIAMETER OR LARGER. PREP ALL PLANTED ARES TO REMOVE ANY CONSTRUCTION DEBRIS OR MATERIAL USED IN THE INSTALLATION OF ADJACENT AREAS OR SCOPE BY OTHER TRADES. DIRT CLODS SHALL BE BROKEN DOWN AND MIXED AS A HOMOGENEOUS BLEND WITH PLANTER SOIL.
9. UNTIL PROJECT ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND MAINTAIN THE JOB SITE, INCLUDING ERECTING TEMPORARY FENCING, REMOVING TRASH, SWEEPING AND CLEANING. THE JOB SITE SHALL BE KEPT IN A NEAT AND CLEAN CONDITION AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS ON THE JOB SITE AND SHALL REPLACE ANY MATERIALS DAMAGED OR LOST THROUGH THEFT OR OTHER REASONS AT NO ADDITIONAL COST TO THE OWNER.

LANDSCAPE MAINTENANCE

1. THE MAINTENANCE PERIOD FOR THE PROJECT SHALL BE A MINIMUM OF 120 WORKING DAYS. THE CONTRACTOR SHALL INCLUDE A MINIMUM OF TWO DAYS PER WEEK OF SITE MAINTENANCE THROUGHOUT THE DURATION OF THE MAINTENANCE PERIOD.
2. THE MAINTENANCE PERIOD SHALL NOT BEGIN UNTIL ALL AREAS ARE INSTALLED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND WRITTEN NOTICE IS PROVIDED BY THE OWNER. A PRIME REQUIREMENT TO STARTING THE MAINTENANCE PERIOD, IS THAT ALL LANDSCAPE AREAS ARE PLANTED, WEED FREE, AND GROWING IN A HEALTHY VIGOROUS RATE; LAWN AREAS SHALL BE MOWN TWICE (AS APPLICABLE).
3. BEGIN MAINTAINING ALL AREAS IMMEDIATELY UPON INSTALLATION, REGARDLESS IF THE MAINTENANCE PERIOD HAS BEGUN. MAINTENANCE SHALL INCLUDE ALL LANDSCAPE COMPONENTS WITHIN THE CONTRACT DOCUMENTS. WORK SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO WEEDING, SHRUB AND TREE CARE, IRRIGATION REPAIRS, IRRIGATION SCHEDULING AND ADJUSTMENTS, GENERAL CLEAN-UP, AND SITE MONITORING. ALL TRASH/DEBRIS SHALL BE COLLECTED AND LEGALLY DISPOSED OF OFF-SITE.
4. APPLY FERTILIZER PER THE RECOMMENDATIONS OF THE SOILS ANALYSIS. HAND WATER TO INCORPORATE INTO THE SOIL.
5. ALL PLANTER AREAS SHALL CONTAIN MINIMUM BARK DEPTHS NOTED ON THE PLANS AT ALL TIMES. REPLACE AND/OR FILL BARK AS NEEDED TO MAINTAIN MINIMUM DEPTHS UNTIL THE COMPLETION OF THE MAINTENANCE PERIOD.
6. PLANTER AREAS SHALL BE WEED-FREE AT ALL TIMES. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONTINUOUSLY MAINTAINING ALL AREAS IN A WEED-FREE CONDITION BY USE OF HERBICIDES OR OTHER MEASURES, INCLUDING HAND WEEDING. SELECTIVE HERBICIDES SHALL BE USED AS NECESSARY TO MITIGATE CERTAIN WEEDS THAT MAY BE PRESENT.
7. PRIOR TO THE START OF THE MAINTENANCE PERIOD, THE CONTRACTOR SHALL PROVIDE THE COMPLETED CERTIFICATE OF COMPLETION FORM. FAILURE TO SUBMIT THE CERTIFICATE WILL DELAY THE FINAL APPROVAL OF THE LANDSCAPE AND PROJECT CERTIFICATE OF OCCUPANCY.
8. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A FINAL LANDSCAPE REVIEW WITH THE OWNER PRIOR TO THE CONCLUSION OF THE MAINTENANCE PERIOD. THE MAINTENANCE PERIOD SHALL BE EXTENDED, AT NO ADDITIONAL COST TO THE OWNER, IN THE EVENT THAT ANY LANDSCAPE AREAS FAIL TO MEET THE SPECIFICATIONS OUTLINED HEREIN OR IF THE CONTRACTOR HAS NOT PROVIDED ALL REQUIRED CLOSEOUT DOCUMENTATION TO THE OWNER. REQUIRED CLOSE-OUT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO: FINAL RECORD DRAWINGS, LAMINATED CONTROLLER CHARTS, OPERATION AND MAINTENANCE (O&M) PROCEDURES AND MANUALS, AND WRITTEN VERIFICATION THAT ALL PUNCH LIST ITEMS HAVE BEEN CORRECTED TO THE SATISFACTION OF THE OWNER. THE DURATION OF EXTENSIONS WILL REMAIN OPEN-ENDED AND WILL CONTINUE AS NECESSARY UNTIL ALL DELIVERABLES AND WORK IS COMPLETED TO THE SATISFACTION OF THE OWNER.

## CERTIFICATE OF COMPLETION

CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE

ELEMENT 1- PROJECT INFORMATION SHEET

| Project Applicant Information | |
|---|---|
| Name of Project Applicant (or designee if applicable): | Project Name: |
| Name of Property Owner (if different): | Title: |
| Street Address: | Water Supply Type (Circle One): Potable/Recycled/Well/Other (specify) |
| City, State: | Water Purveyor: |
| Zip Code: | Phone No: |
| Fax Number: | Email: |
| Company: | |
| Project Address and Location: | |
| Street Address: | Parcel, tract, or lot number (if available): |
| City: | Meter number(s) (if available): |
| Zip Code: | Latitude/Longitude (optional): |

ELEMENT 2- CERTIFICATION OF INSTALLATION ACCORDING TO THE LANDSCAPE DOCUMENTATION PACKAGE

Certification by the designer of record that the landscape project has been installed per the approved Landscape Documentation

"I/we certify that based on periodic site observations, the work has been completed in accordance with the model ordinance and that the landscape planting and irrigation installation conform with the criteria and specifications of the approved landscape documentation package"

Primary Designer of Record Signature — Date

Secondary Designer of Record Signature — Date

ELEMENT 3- SOIL MANAGEMENT REPORT

Attach soil management report if not previously submitted with the Landscape Documentation Package per model ordinance Section 491.4(b). Attach documentation verifying implementation of recommendations from soil analysis management report per model ordinance Section 493.1.

ELEMENT 4- IRRIGATION SCHEDULING PARAMETERS

Attach irrigation scheduling parameters used to set the automatic irrigation controller per model ordinance Section 493.4.

ELEMENT 5- LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULE

Attach landscape and irrigation maintenance schedule per model ordinance section 493.5.

(A) Where there have been significant changes made in the field during construction, "as-built" or record drawings shall be included.

(B) A diagram of the irrigation plan showing hydrozones shall be kept with the automatic irrigation controller for subsequent management purposes.

ELEMENT 6-IRRIGATION AUDIT REPORT

Attach Irrigation Audit Report per model ordinance section 493.6.

PROJECT APPLICANT SIGNATURE

"I/we certify that I/we have received copies of all the documents within the Certificate of Completion Package and that it is our responsibility to see that the project is maintained in accordance with the Landscape and Maintenance Schedule."

Project Applicant (or designee) Signature — Date

Please answer the questions below:

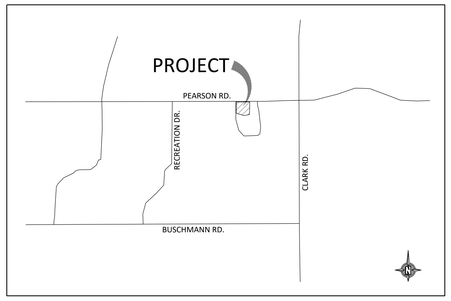
1. Date the Landscape Documentation Package was submitted to the local agency: _____
2. Date the Landscape Documentation Package was approved by the local agency: _____
3. Date that a copy of the Water Efficient Landscape Worksheet (including the water budget calculation) was submitted to the local water purveyor: _____

Note:
Contractor must provide all items stated within the certificate of completion package and is solely responsible for obtaining all required signatures needed to complete this form. Completion of the form and submission of all required elements of the certificate must be provided prior to the start of the landscape maintenance period. Failure to provide the completed form and required documents will delay the start of maintenance period.

## SHEET INDEX


L1.0 LANDSCAPE COVER SHEET
L2.0 IRRIGATION NOTES AND DETAILS
L2.1 IRRIGATION PLAN
L3.0 PLANTING NOTES AND DETAILS
L3.1 PLANTING PLAN


VICINITY MAP-NTS




## LANDSCAPE ARCHITECT


MSLA LANDSCAPE ARCHITECTURE, INC.
306 CANYON FALLS DRIVE
FOLSOM, CALIFORNIA 95630
(916) 989-3372
CONTACT: MICHAEL SHULAR
MSHULAR@MSLADESIGN.COM


LANDSCAPE COMPLIANCE STATEMENT:

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER EFFICIENT ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

SIGNED — 04/06/2025 DATE

811 Know what's **below.** **Call** before you dig. or (800) 642-2444

DSA STAMP


STUDIO W ARCHITECTS
Studio W Architects
1930 H Street
Sacramento, California 95811
[ T ] 916.254.5600
www.StudioW-Architects.com


| ARCHITECT | LANDSCAPE ARCHITECT |
|---|---|
| LICENSED ARCHITECT BRYAN P WHITMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | LICENSED LANDSCAPE ARCHITECT MICHAEL SHULAR No. 4362 Signature Exp. 05.31.27 Renewal Date STATE OF CALIFORNIA |
| DATE SIGNED: 04/06/2026 | DATE SIGNED: 04/06/2026 |

GENERAL NOTES

1. This sheet is part of a set and is not to be used alone.
2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicated drawings have been released for construction.
3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden.
4. Copyright Studio W Associates, Inc. 2026.

REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS — DATE

- ○ DSA PLAN CHECK
- ○ DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

CONSTRUCTION DRAWINGS

HONEY RUN ACADEMY
RELOCATED
RELOCATABLES
622 PEARSON ROAD,
PARADISE, BUTTE, CA, 95969

LANDSCAPE COVER SHEET

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | L1.0 |
| Drawn: Staff — Checked: MS | |

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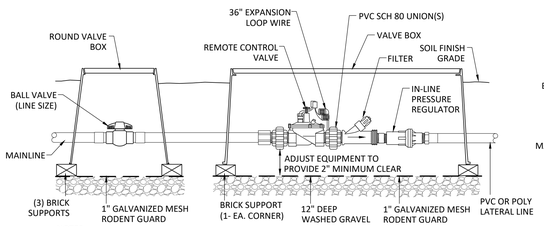
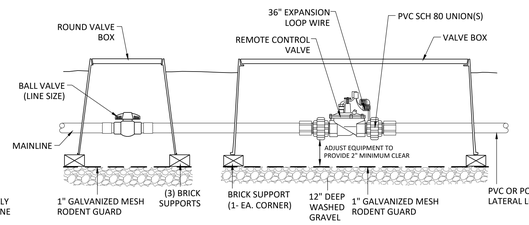
## IRRIGATION NOTES

1. THESE IRRIGATION DESIGN PLANS ARE DIAGRAMMATIC IN NATURE. SOME EQUIPMENT MAY BE SHOWN WITHIN PAVED AREAS OR AREAS GENERALLY NOT INTENDED FOR INSTALLATION FOR PLAN CLARITY. THE ACTUAL LOCATION OF ALL EQUIPMENT SHALL BE INSTALLED IN PLANTER AREAS AND AREAS WHERE STANDARD MAINTENANCE CAN ROUTINELY BE PERFORMED (WHERE FEASIBLY POSSIBLE). DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, ETC., WHICH MAY BE REQUIRED TO COMPLETE THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INCLUDING ALL SUCH COMPONENTS REQUIRED TO PROPERLY PERFORM THE INSTALLATION.
2. INVESTIGATE AND MAKE MINOR ADJUSTMENTS WHERE FIELD CONDITIONS MAY AFFECT THE WORK. THIS INCLUDES, BUT IS NOT LIMITED TO; OBSTRUCTIONS, GRADE CHANGES, SITE CONDITIONS THAT MAY HAVE NOT BEEN KNOWN, EXISTING/PROPOSED UTILITIES, ETC. WHERE MINOR FIELD CHANGES OCCUR, NOTIFY THE OWNER AND PERFORM THE INSTALLATION ACCORDINGLY PER THE CONTRACT SPECIFICATIONS. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS TO COMPLETE THE WORK.
3. OBTAIN A COPY OF THE PROJECT SPECIFICATIONS PRIOR TO BIDDING (IF APPLICABLE). THE SPECIFICATIONS ARE PART OF THESE PLANS AND SHALL BE CONSULTED BY THE IRRIGATION CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE WORK AS SPECIFIED IN THE SPECIFICATIONS AND AS SHOWN ON THE PLANS. NOTIFY THE OWNER OF ANY DISCREPANCIES BETWEEN THE PLANS AND/OR PROJECT SPECIFICATIONS PRIOR TO BEGINNING WORK.
4. CONTRACTOR SHALL PERFORM A PRESSURE TEST AT THE IRRIGATION POINT OF CONNECTION. THE MINIMUM PRESSURE REQUIRED SHALL BE 55 PSI (UNLESS OTHERWISE NOTED).
5. COORDINATE THE INSTALLATION OF THE IRRIGATION CONTROLLER, ALL PIPE, CONDUIT, SLEEVES/CROSSINGS THROUGH OR UNDER WALLS, ROADWAYS, PAVING, STRUCTURES, ETC. WITH ALL APPLICABLE TRADES BEFORE CONSTRUCTION.
6. VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES AND UTILITY LOCATIONS PRIOR TO BEGINNING WORK
7. SUBSTITUTIONS, DELETIONS OR CHANGES TO THE PLANS OR SPECIFICATIONS SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE OWNER.
8. EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE. TRENCHING WITHIN DRIPLINES OF TREES AND SHRUBS TO REMAIN SHALL BE DONE BY HAND. DAMAGE TO EXISTING TREE AND/OR PLANT MATERIAL TO REMAIN SHALL BE REPLACED BY THE CONTRACTOR IN KIND AND AT NO ADDITIONAL COST TO THE OWNER.
9. THE IRRIGATION CONTROLLER SHALL BE WIRED DIRECTLY TO A 110 VOLT POWER SOURCE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE CONTROLLER WIRING TO THE POWER SOURCE. THE INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE AND ALL LOCAL ORDINANCES THAT APPLY.
10. THE FINAL LOCATION OF THE IRRIGATION CONTROLLER SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
11. ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE SPECIFIED.
12. SCHEDULE 40 PVC PIPE SLEEVING (2X THE SIZE OF PIPE TO BE SLEEVED) IS REQUIRED FOR ALL IRRIGATION LINES THAT RUN UNDER HARDSCAPE. IRRIGATION CONTRACTOR IS RESPONSIBLE TO COORDINATE PLACEMENT OF SLEEVING PRIOR TO PAVING OPERATIONS.
13. CONTRACTOR SHALL INSTALL DRIP AND SPRAY ON SEPARATE ZONES. FOR RETROFIT INSTALLATIONS, IN THE EVENT THAT DRIP AND SPRAY IRRIGATION ARE CONNECTED TO THE SAME ZONE, CONTRACTOR SHALL BE RESPONSIBLE FOR SEPARATION BY EITHER INSTALLING A NEW VALVE OR CONNECTING DRIP/SPRAY TO ADJACENT DRIP/SPRAY ZONES. IN EITHER CASE, VERIFICATION OF FLOW CAPACITY FOR MATERIAL SIZING SHALL BE PERFORMED PRIOR TO COMPLETING THE WORK.
14. PRESSURE TEST ALL LINES UNDER HYDROSTATIC PRESSURE OF 125 POUNDS PRIOR TO INSTALLATION OF VALVES. PRESSURE SHALL HOLD FOR A MINIMUM OF TWO (2) HOURS UNDER THE DIRECT SUPERVISION OF THE OWNERS REPRESENTATIVE. TESTING OF THE SYSTEM SHALL BE PROVIDED PRIOR TO BACKFILL AND PLANTING OPERATIONS.
15. PROVIDE PHOTO DOCUMENTATION OF SUBSURFACE ITEMS PRIOR TO BACKFILL TO CONFIRM COMPONENTS WERE INSTALLED PER CONTRACT DOCUMENTS. PHOTOGRAPHS TO BE PROVIDED WITH CLOSE-OUT DOCUMENTS AT THE COMPLETION OF THE JOB.
16. THREADED PLASTIC PIPE JOINTING: DO NOT USE SOLVENT CEMENT ON THREADED JOINTS, WRAP MALE PLASTIC THREADED JOINTS WITH TEFLON TAPE.
17. FLUSH ALL LINES FOR MAXIMUM SYSTEM PERFORMANCE BEFORE AND AFTER EMITTER INSTALLATION.
18. INSTALL REMOTE CONTROL VALVE BOXES A MINIMUM OF 12" FROM WALKS, CURBS, BUILDINGS OR LANDSCAPE FEATURES. WHERE GROUPS OF VALVE BOX INSTALLATIONS OCCUR, INSTALL BOXES IN LINE WITH EACH OTHER WITH THE SHORT SIDE OF EACH BOX PARALLEL TO WALKS OR CURBS.
19. IRRIGATION SPLICES MAY NOT BE LOCATED IN TRENCHES AND SHALL BE INSTALLED IN A SPLICE BOX. PROVIDE A 24" EXPANSION LOOK AT EACH CHANGE OF DIRECTION. THREE FEET OF EXCESS DECODER WIRE AND FLOW SENSOR CABLE SHALL BE PROVIDED AT EACH DECODER AND FLOW SENSOR CONNECTION.
20. IRRIGATION VALVE BOXES SHALL BE MANUFACTURED BY NDS OR CARSON. ROUND BOXES SHALL BE 10". RECTANGLE BOXES SHALL BE 13"X20", 14"X19" OR JUMBO PRO SERIES. SIZE OF BOX TO BE SELECTED TO ACCOMMODATE ALL EQUIPMENT IN ONE BOX AND SHALL BE INSTALLED FOR EASE OF ACCESS AND MAINTENANCE.
21. VALVE BOX FINISH GRADE DEPTHS SHALL BE AS FOLLOWS: 3-1/2" IN PLANTER, 2-1/2" IN SOD, 1-1/2" IN SEED.
22. ADJUST/TUNE THE IRRIGATION INSTALLATION TO ELIMINATE OVERSPRAY ONTO SIDEWALKS OR DRIVEWAYS.
23. PROVIDE PHOTOS OF THE INSTALLED PIPE, DRIP LINES, EMITTERS, ETC., PRIOR TO BACKFILL AND INSTALLATION OF WEED FABRIC OR BARK.
24. RECORD DRAWINGS SHALL BE PROVIDED PRIOR TO THE START OF THE MAINTENANCE PERIOD. THE SHALL SHOW ACTUAL BUILT LOCATIONS OF THE IRRIGATION SYSTEM AND SHALL INCLUDE THE FOLLOWING INFORMATION:
    - IRRIGATION POINT OF CONNECTION.
    - IRRIGATION CONTROLLER.
    - GATE VALVES.
    - QUICK COUPLER VALVES.
    - ROUTING OF PRESSURE MAINLINE WITH OFFSET DIMENSIONS FROM KNOWN POINTS (MAXIMUM 100' ALONG ROUTING).
    - IRRIGATION CONTROL VALVES AND FINAL STATION NUMBERING.
    - SPLICE BOX LOCATIONS.
25. CONTROLLER CHART: AN 11"x17" COLOR-CODED AND LAMINATED DIAGRAM OF THE IRRIGATION PLAN SHOWING ALL HYDROZONES SHALL BE PROVIDED WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
26. RECORD DRAWINGS AND CONTROLLER CHARTS SHALL BE PROVIDED BY THE IRRIGATION CONTRACTOR IN ELECTRONIC (PDF) FORMAT. ALL NOTATIONS AND LINEWORK ON THE DRAWINGS SHALL BE ELECTRONIC AND ORIGINATE FROM FROM AN ELECTRONIC PROGRAM. HAND DRAWN DOCUMENTATION ON THE DRAWINGS WILL NOT BE ACCEPTED.
27. PROVIDE A WRITTEN WARRANTY ON CONTRACTORS LETTERHEAD FOR THE IRRIGATION SYSTEM PROTECTING AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP, ORDINARY WEAR AND TEAR, FOR A PERIOD OF YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT.
28. PROVIDE CONTROLLER MANUALS, EQUIPMENT CUT-SHEETS, CONTROLLER KEYS AND ANY SPECIAL TOOLS REQUIRED TO ADJUST SPRINKLERS, INCLUDING DRIP COMPONENTS, PRIOR TO THE COMPLETION OF THE MAINTENANCE PERIOD.



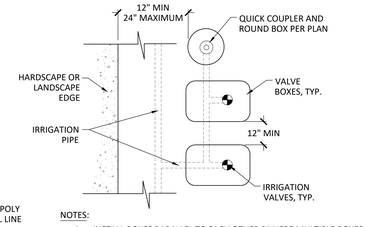

NOTES:
1. INSTALL VALVE BOX WITH BOLT DOWN LIDS
2. FINISH GRADE DEPTHS: 3-1/2" IN PLANTER, 2-1/2" IN SOD, 1-1/2" IN SEED.
3. USE DBRY-6 WATERPROOF SPLICE KITS FOR ALL CONNECTIONS.
4. INSTALL ONE VALVE PER BOX.
5. INSTALL MULTIPLE VALVE BOXES AS REQUIRED TO PROVIDE ADEQUATE SPACE FOR ALL EQUIPMENT.

### A-REMOTE CONTROL VALVE (DRIP ZONES)
NTS



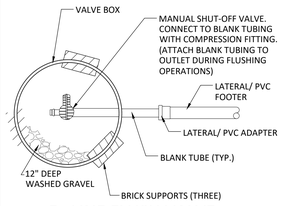

NOTES:
1. INSTALL VALVE BOX WITH BOLT DOWN LIDS
2. FINISH GRADE DEPTHS: 3-1/2" IN PLANTER, 2-1/2" IN SOD, 1-1/2" IN SEED.
3. USE DBRY-6 WATERPROOF SPLICE KITS FOR ALL CONNECTIONS.
4. INSTALL ONE VALVE PER BOX.
5. INSTALL MULTIPLE VALVE BOXES AS REQUIRED TO PROVIDE ADEQUATE SPACE FOR ALL EQUIPMENT.

### B-REMOTE CONTROL VALVE (BUBBLER/SPRAY ZONES)
NTS

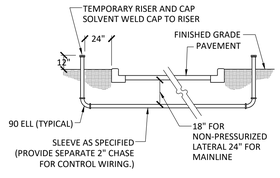



NOTES:
1. INSTALL BOXES PARALLEL TO EACH OTHER (WHERE MULTIPLE BOXES EXIST) AND LEVEL WITH FINISH GRADE.
2. ADJUST LOCATION IN FIELD TO ACCOMMODATE PLANTING LOCATIONS AND/OR ACTUAL FIELD CONDITIONS. INSTALL IN PLANTER AREAS, OUTSIDE OF BASINS OR SWALE LOCATIONS.
3. WHERE POSSIBLE, GROUP VALVE BOXES TOGETHER AND OUTSIDE OF ACTIVE PLAY FIELDS.

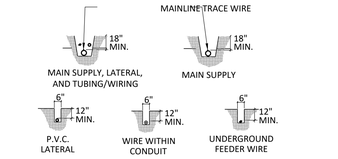
### C- VALVE BOX LAYOUT
NTS




### D- LINE FLUSH VALVE
NTS

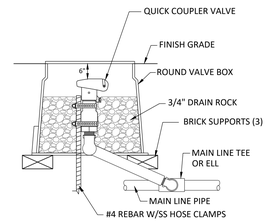



### E- SLEEVE INSTALLATION
NTS

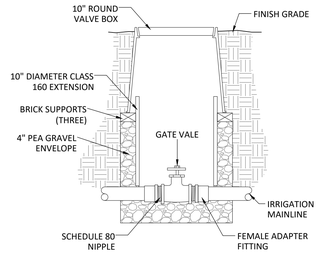



NOTES:
1. ALL PIPING SHALL BE SNAKED IN TRENCHES.
2. ALL WIRING TO BE INSTALLED PER LOCAL CODE AND BUNDLED AND TAPED AT 10' INTERVALS.
3. PROVIDE PIPE AND WIRE SLEEVING UNDER ALL PAVED SURFACES. WIRE SHALL BE WITHIN SEPARATE 2" ELECTRICAL CHASE.
4. INSTALL TRACE WIRE TOP OF PRESSURE MAIN LINE. WIRE TO BE 14/1 SINGLE STRAND AWG-UF COPPER WITH HIGH QUALITY (PVC) INSULATION. COLOR SHALL BE BLUE FOR POTABLE WATER AND PURPLE FOR NON-POTABLE/RECLAIMED WATER SYSTEMS.
5. INSTALL ALL COMPONENTS PER MANUFACTURER'S SPECIFICATIONS.

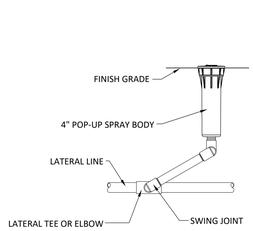
### F- TRENCHING
NTS



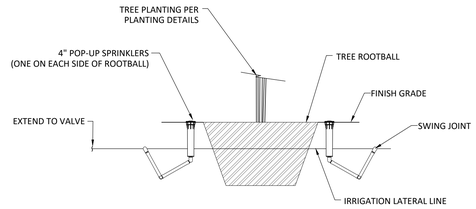

### G- QUICK COUPLER
NTS




### H- GATE VALVE
NTS

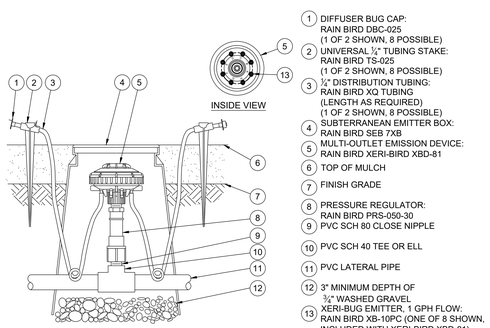



### I- 4" POP-UP SPRAY HEAD
NTS




NOTES:
1. EVENLY SPACE BUBBLERS AROUND ROOTBALL.
2. INSTALL TWO BUBBLERS PER TREE.

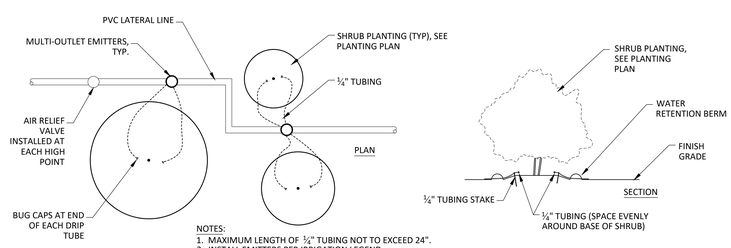
### J- TREE BUBBLERS
NTS




1. DIFFUSER BUG CAP: RAIN BIRD DBC-025 (1 OF 2 SHOWN, 8 POSSIBLE)
2. UNIVERSAL ½" TUBING STAKE: RAIN BIRD TS-025 (1 OF 2 SHOWN, 8 POSSIBLE)
3. ½" DISTRIBUTION TUBING: RAIN BIRD XQ TUBING (LENGTH AS REQUIRED) (1 OF 2 SHOWN, 8 POSSIBLE)
4. SUBTERRANEAN EMITTER BOX: RAIN BIRD SEB 7XB
5. MULTI-OUTLET EMISSION DEVICE: RAIN BIRD XERI-BIRD XBD-81
6. TOP OF MULCH
7. FINISH GRADE
8. PRESSURE REGULATOR: RAIN BIRD PRS-050-30
9. PVC SCH 80 CLOSE NIPPLE
10. PVC SCH 40 TEE OR ELL
11. PVC LATERAL PIPE
12. 3" MINIMUM DEPTH OF ⅜" WASHED GRAVEL
13. XERI-BUG EMITTER, 1 GPH FLOW: RAIN BIRD XB-10PC (ONE OF 8 SHOWN, INCLUDED WITH XERI-BIRD XBD-81)

NOTES:
1. COIL ADDITIONAL 9" OF TUBING IN EMITTER BOX TO FACILITATE MAINTENANCE.
2. INSTALL EMITTERS ALONG LATERAL LINES WITHIN EACH HYDROZONE (QUANTITY AS REQUIRED TO PROVIDE WATER TO EACH SHRUB)

### K- RAINBIRD MULIT-OUTLET EMITTER
NTS




NOTES:
1. MAXIMUM LENGTH OF ¼" TUBING NOT TO EXCEED 24".
2. INSTALL EMITTERS PER IRRIGATION LEGEND..
3. CONNECT MULTI-OUTLET EMITTER TO LATERAL PIPE PER DETAIL THIS SHEET.
4. INSTALL TREES ON SEPARATE BUBBLER ZONES.

### L- POINT SOURCE DRIP TUBE LAYOUT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| ARCHITECT | LANDSCAPE ARCHITECT |
|---|---|
| LICENSED ARCHITECT BRYAN P. WHITMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | LICENSED LANDSCAPE ARCHITECT MICHAEL SHULAR No. 6134 Signature Exp. 05.31.27 Renewal Date STATE OF CALIFORNIA |
| DATE SIGNED: 04/06/2026 | DATE SIGNED: 04/06/2026 |

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DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | |
| ○ DSA BACK CHECK | |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

CONSTRUCTION DRAWINGS

HONEY RUN ACADEMY RELOCATED RELOCATABLES
622 PEARSON ROAD,
PARADISE, BUTTE, CA, 95969

IRRIGATION NOTES AND DETAILS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | L2.0 |
| Drawn: Staff | Checked: MS |

DSA STAMP

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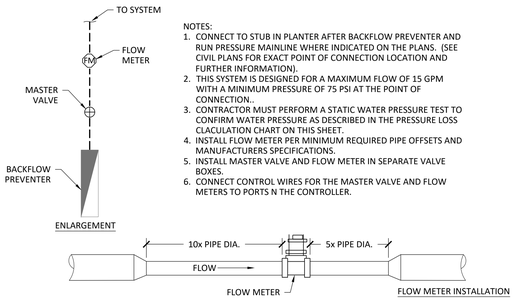
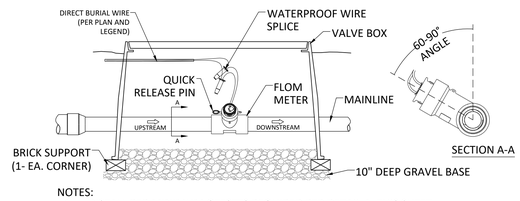
## IRRIGATION LEGEND

| SYMBOL | MANUFACTURER | REMARKS |
|---|---|---|
| | 1" WILKINS 975XL REDUCED PRESSURE BACKFLOW. | INSTALL PER DETAIL. |
| | 1" HUNTER ICV MASTER VALVE | INSTALL PER MANUFACTURERS SPECIFICATIONS. |
| FS | FLOMEC 1" FLOW SENSOR (MODEL QS200-10) | INSTALL PER MANUFACTURERS SPECIFICATIONS AND DETAIL ON THIS SHEET. |
| | AUTOMATIC IRRIGATION CONTROL VALVES:<br>HUNTER ICZ DRIP ZONE CONTROL KIT (DRIP)<br>HUNTER ICV VALVES (TREE BUBBLERS) | INSTALL PER MANUFACTURERS SPECIFICATIONS. SIZE PER PLAN. ADJUST/TUNE VALVES AS REQUIRED TO ENSURE PROPER WATER DISTRIBUTION TO ALL PLANTER AREAS. |
| | NIBCO T-113 GATE VALVE | LINE SIZE |
| C | HUNTER ACC2 12-STATION GRAY METAL PEDESTAL CONTROLLER. (COORDINATE FINAL LOCATION WITH OWNER). | COORDINATE LOCATION OF ELECTRICAL CONNECTION WITH ELECTRICAL PLANS. |
| NOT SHOWN | HUNTER SOLAR SYNC (WIRELESS SENSOR WITH MOUNTING ARM, DIGITAL MODULE AND RECEIVER) | INSTALL PER MANUFACTURERS SPECIFICATIONS. |
| | HUNTER 1" QUICK COUPLING VALVE W/ LOCKING COVER | MODEL HQ-44LRC |
| | SLEEVING AND CONDUIT LOCATIONS FOR IRRIGATION LINE AND CONTROL WIRE CROSSINGS. INSTALL SLEEVES TO BE 2X THE SIZE OF THE PIPE TO BE SLEEVED AND CONDUIT AS REQUIRED FOR CONTROL WIRE (MIN. 1" DIA.) | COORDINATE WITH SITE DEVELOPMENT PLANS AND OTHER TRADES. |
| | CLASS 200 PVC LATERAL LINES (NON-PRESSURE) | INSTALL PER IRRIGATION DETAILS. SIZE PER PLAN. |
| | PIPE-HOP LOCATIONS | GRAPHIC TO DENOTE SEPARATION OF ZONES. |
| | IRRIGATION PRESSURE MAINLINE TO BE 3" UNLESS NOTED OTHERWISE.<br>1"-1-1/2" SCHEDULE 40 PVC PIPE.<br>2" AND HIGHER PVC CLASS 315. | IRRIGATION MAINLINE SHOWN UNDER PAVED AREAS FOR PLAN CLARITY ONLY.<br>INSTALL 14/1 SINGLE STRAND AWG-UF COPPER WITH HIGH QUALITY POLYVINYLCHLORIDE (PVC) INSULATION TRACE WIRE ON MAINLINE.<br>COLOR: BLUE/ PURPLE |
| | HUNTER PROS-04-CV WITH PCN-50 BUBBLER NOZZLE. INSTALL WITH FACTORY INSTALLED CHECK VALVE.<br>NOTE: INSTALL TWO (2) PER TREE- 1.0 GPM TOTAL PER TREE. | TRICKLE PATTERN .5 GPM 30 PSI |
| | RAINBIRD XBD-81 EIGHT MULTI-OUTLET DRIP EMITTER (1 GPH)<br>INSTALL EMITTERS AS FOLLOWS:<br>5 GAL SHRUB: 2 EMITTERS<br>1 GAL SHRUB: 1 EMITTER | INSTALL OUTLETS IN ROUND DRIP VALVE BOX PER DETAIL B/ SHEET L2.1<br>INSTALL QUANTITY AS REQUIRED TO PROVIDE WATER TO EACH SHRUB. |



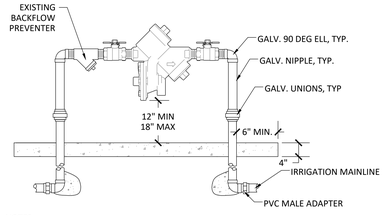

NOTES:
1. CONNECT TO STUB IN PLANTER AFTER BACKFLOW PREVENTER AND RUN PRESSURE MAINLINE WHERE INDICATED ON THE PLANS. (SEE CIVIL PLANS FOR EXACT POINT OF CONNECTION LOCATION AND FURTHER INFORMATION).
2. THIS SYSTEM IS DESIGNED FOR A MAXIMUM FLOW OF 15 GPM WITH A MINIMUM PRESSURE OF 75 PSI AT THE POINT OF CONNECTION.
3. CONTRACTOR MUST PERFORM A STATIC WATER PRESSURE TEST TO CONFIRM WATER PRESSURE AS DESCRIBED IN THE PRESSURE LOSS CLACULATION CHART ON THIS SHEET.
4. INSTALL FLOW METER PER MINIMUM REQUIRED PIPE OFFSETS AND MANUFACTURERS SPECIFICATIONS.
5. INSTALL MASTER VALVE AND FLOW METER IN SEPARATE VALVE BOXES.
6. CONNECT CONTROL WIRES FOR THE MASTER VALVE AND FLOW METERS TO PORTS N THE CONTROLLER.

### A- IRRIGATION POINT OF CONNECTION
NTS




NOTES:
1. INSTALL PER MINIMUM OFFSETS REQUIRED PER DETAIL A, THIS SHEET.
2. FINISH GRADE DEPTHS: 3-1/2" IN PLANTER, 2-1/2" IN SOD, 1-1/2" IN SEED.
3. FLOW METER TO BE SUPPLIED BY FLOMEC.
4. INSTALL FLOW METER AT 60-90° ANGLE PER MANUFACTURERS RECOMMENDATIONS

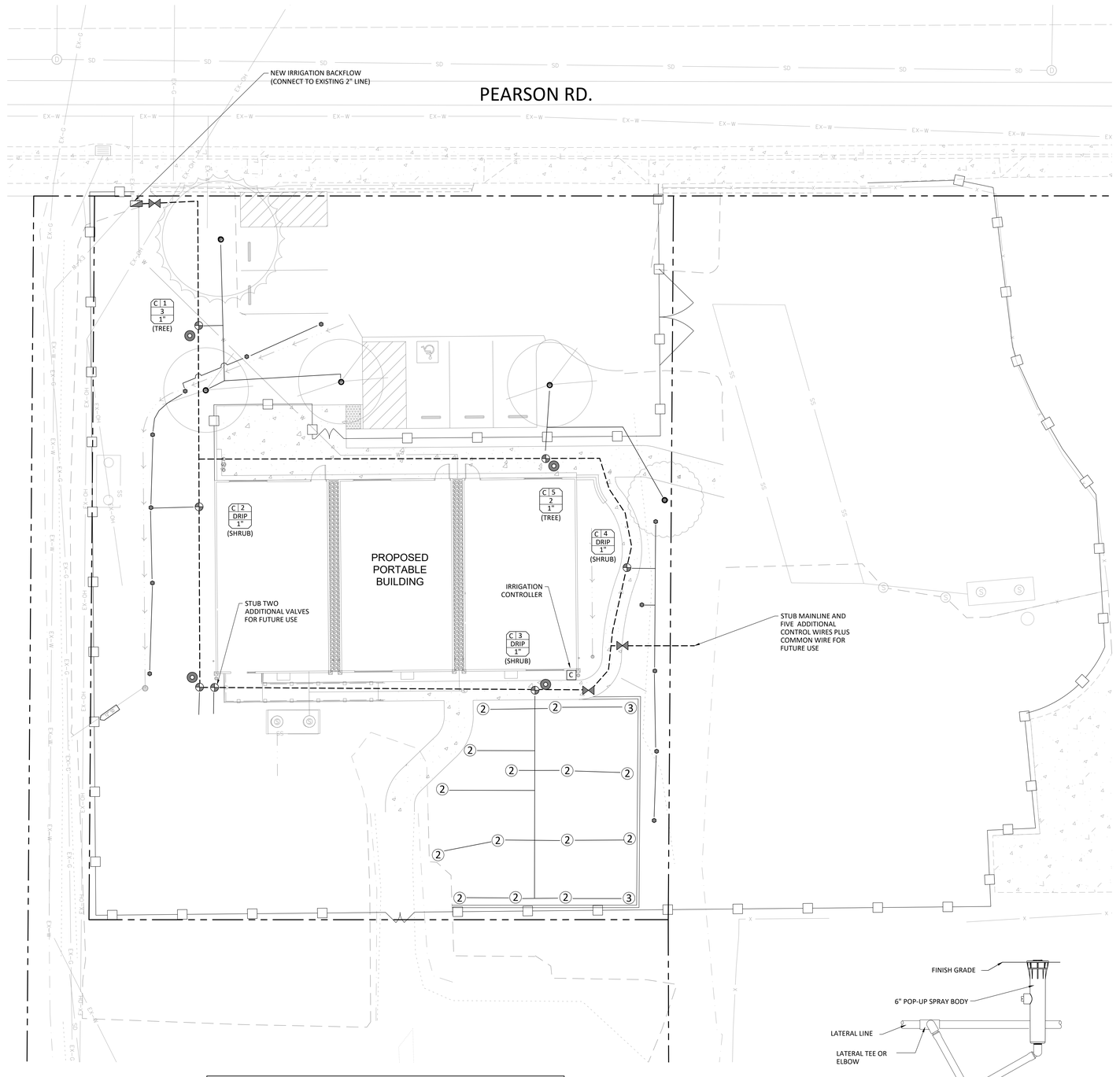
### B-FLOW METER INSTALLATION
NTS




NOTES:
1. ALL GALVANIZED FITTINGS SHALL BE WRAPPED WITH 10 MILVINYL PIPE WRAP.
2. INSTALL WEATHER BLANKET WITH CABLE LOCK AROUND BACKFLOW PREVENTER.
3. INSTALL NEW CONCRETE BASE BELOW EXISTING DEVICE.
4. BACKFLOW PREVENTER SHALL BE TESTED AFTER INSTALLATION AND CERTIFIED BY A QUALIFIED TECHNICIAN.

### K- BACKFLOW PREVENTER
NTS

### VALVE CALL-OUT KEY
C | 17 — CONTROLLER STATION
DRIP — GALLONS PER MINUTE
1" — VALVE SIZE
(SHRUB) — HYDROZONE PLANT TYPE

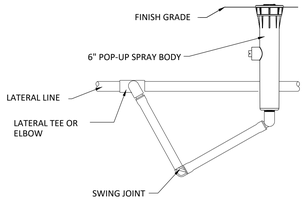



SPRINKLERS-

| SYMBOL/ PATTERN* | MFG | MODEL NUMBER | RADIUS/ PATTERN | GPM | PRESSURE |
|---|---|---|---|---|---|
| ③ | HUNTER | PRS40-06-CV WITH MP3000 ADJUSTABLE ARC NOZZLE | 20'-26' | .76-2.37 | 30 PSI |
| ② | HUNTER | PRS30-06-CV WITH MP2000 ADJUSTABLE ARC NOZZLE | 13'-17' | .38-1.25 | 30 PSI |

*SYMBOL/PATTERN SHOWN FOR MP ROTATOR NOZZLES ARE DIAGRAMATICAL. CONTRACTOR IS RESPONSIBLE FOR SELECTION OF NOZZLE PATTERN (QUARTER, HALF, FULL, ETC) AND ADJUSTING SPRAY ARC TO MINIMIZE OVERSPRAY ONTO ADJACENT AREAS.

NOTES:
1. FULL CIRCLE SPRAY NOZZLES SHALL BE 360° FIXED PATTERN.
2. INSTALL SPRINKLER BODIES WITH FACTORY INSTALLED CHECK VALVES TO PREVENT LOW HEAD DRAINAGE.




### A- 6" POP-UP SPRAY HEAD
NTS

0' 20' 10' 40'
SCALE: 1"=20'-0"

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KEY PLAN

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HONEY RUN ACADEMY RELOCATED RELOCATABLES
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PARADISE, BUTTE, CA, 95969

IRRIGATION PLAN

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Project Number 25044
Application Number 02-124033
Drawing Number L2.1
Drawn Staff
Checked MS

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# PLANTING NOTES

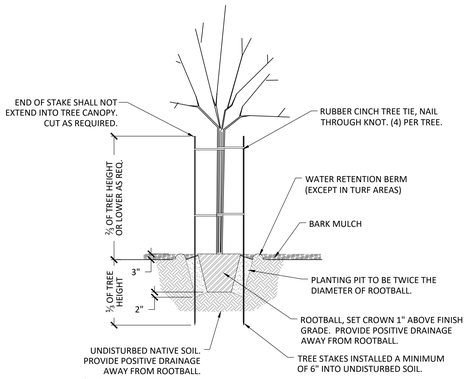
1. PLANTING SHALL CONFORM TO LOCAL REQUIREMENTS FOR LANDSCAPE SITE DEVELOPMENT.
2. PROVIDE MINIMUM SLOPE OF 1-1/2% FOR POSITIVE DRAINAGE AWAY FROM CENTER IN ALL PLANTED AREAS.
3. THE PLANT QUANTITIES SHOWN ON THE DRAWINGS ARE INFORMATIONAL ONLY. THE CONTRACTOR IS RESPONSIBLE FOR FINAL QUANTITIES REQUIRED TO COMPLETE THE WORK. IN CASE OF DISCREPANCY, THE PLAN SHALL GOVERN.
4. ALL TREES SHALL BE PLANTED A MINIMUM OF 5' FROM UNDERGROUND UTILITIES.
5. ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM DAMAGE AT ALL TIMES. DO NOT STORE CONSTRUCTION EQUIPMENT BELOW THE CANOPY OF ANY TREES TO REMAIN. DAMAGE TO ANY EXISTING TREES OR PLANT MATERIAL TO REMAIN SHALL BE REPLACED BACK TO ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
6. IMMEDIATELY AFTER AWARD OF CONTRACT, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IF SPECIFIED PLANT MATERIAL IS AVAILABLE FROM COMMERCIAL NURSERIES. IN THE EVENT THAT A PLANT IS NOT AVAILABLE, THE CONTRACTOR SHALL PROVIDE ALTERNATE PLANT MATERIAL SELECTIONS COMPARABLE TO THE ORIGINAL SPECIFIED SPECIES. SUCH CHANGES WILL NOT ALTER THE CONTRACTOR'S ORIGINAL BID PRICE UNLESS A CREDIT IS DUE TO THE OWNER. CONTRACTOR TO SOURCE MULTIPLE NURSERIES WHEN ORDERING PLANT MATERIAL.
7. THE CONTRACTOR SHALL ENSURE THAT ALL EXCAVATED PLANT PITS HAVE POSITIVE DRAINAGE. PLANT PITS SHALL BE FULLY FILLED WITH WATER AND SHALL DRAIN WITHIN ONE (1) HOUR OF FILLING. THE CONTRACTOR SHALL EXCAVATE THROUGH ANY IMPERVIOUS LAYER IF ENCOUNTERED.
8. ALL PLANT MATERIAL SHALL COMPLY WITH ANSI Z601 'STANDARD FOR NURSERY STOCK' AND MEET THE MINIMUM SIZES:

| SHRUBS | HT/SPD | GROUNDCOVER | HT/SPD | CANOPY TREES | HT/SPD | CALIPER | CONIFERS | HEIGHT | SPREAD | CALIPER |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 GAL. | 9"/6" | 1 GAL. | 8"/6" | 15 GAL. | 8'/36" | 1" | 15 GAL. | 5' | 30" | 3/4" |
| 5 GAL. | 18"/15" | 5 GAL. | 14"/10" | 24" BOX | 11'/48" | 2" | 24" BOX | 6' | 42" | 1" |
| 15 GAL. | 36"/36" | | | 36" BOX | 14'/60" | 3" | 36" BOX | 8' | 48" | 1-1/2" |

9. TREE ROOTS SHALL BE VISUALLY INSPECTED IN CONTAINERS PRIOR TO PLANTING. CONTRACTOR SHALL CONFIRM THAT NO CIRCLING ROOTS ARE LOCATED WITHIN THE TOP SOIL OF THE CONTAINER.
10. 24" DEEP PANEL ROOT BARRIERS SHALL BE PROVIDED FOR ALL TREES WITHIN 10' OF ANY CURB, HARDSCAPE, OR PAVEMENT. INSTALL 15 FEET IN LENGTH AT THE EDGE OF PLANTERS AND CENTERED ON TRUNKS. DO NOT INSTALL CIRCLED AROUND ROOTBALLS.
11. PLANTER AREAS (AND/OR AREAS NOTED) SHALL RECEIVE A 3" LAYER OF CRUSHED ROCK TO COVER BARE SOIL. ROCK TO BE LOCALLY AVAILABLE AND BE A SIZE RANGE OF 1" TO 3/4" MINUS, NO FINES. BARK MULCH SHALL NOT BE USED IN PLANTER AREAS.
12. INSTALL WEED MAT BELOW ALL CRUSHED ROCK WITH THE EXCEPTION OF HYDROSEED OR LAWN AREAS (AS APPLICABLE).
13. ANY LAWN AREAS SHALL BE BID AS SOD UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL MAKE SCHEDULING PROVISIONS TO ASSURE THAT ALL SOD IS INSTALLED PRIOR TO OCTOBER 1. ANY LAWN INSTALLED AFTER OCTOBER 1 SHALL BE SUBJECT TO AN EXTENDED ESTABLISHMENT PERIOD (MINIMUM 6 MONTHS) TO GUARANTEE PROPER ESTABLISHMENT.
14. CONTRACTOR RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL AT ALL TIMES. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE ALL MEASURES ARE FUNCTIONING PROPERLY.
15. ALL AREAS THAT ARE EXPOSED SHALL BE PLANTED WITH HYDROSEED MIX. NO AREAS SHALL BE LEFT EXPOSED DURING THE WINTER MONTHS. EXPOSED SURFACES SHALL HAVE EROSION CONTROL MEASURES IN PLACE PRIOR TO OCTOBER 1.
16. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS, HARDSCAPES, SIDEWALKS OR OTHER NON-PLANTER AREAS SHALL BE SWEPT AT THE END OF EACH WORKING DAY.
17. CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE CIVIL EROSION CONTROL PLAN AND/OR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IN ADDITION TO THESE MINIMUM REQUIREMENTS (AS APPLICABLE).
18. ALL PLANTER AREAS TO BE FREE FROM DEBRIS, TRASH, CONSTRUCTION MATERIAL, WOOD, ETC WITHIN THE TOP 6" OF THE SOIL. SOIL SHALL BE FREE FROM STONES GREATER THAN 1" IN DIAMETER WITHIN THE TOP 6" OF SOIL PROFILE.
19. INSTALL LANDSCAPE EDGING AT LIMITS OF ALL PLANTER AREAS NOT BOUND BY HARDSCAPE OR ANY OTHER CONTAINMENT. INCLUDE MANUFACTURERS CUT SHEETS WITH PRODUCT SUBMITTALS FOR OWNER REVIEW AND APPROVAL.
19. INSTALL LANDSCAPE EDGING AT LIMITS OF ALL PLANTER AREAS NOT BOUND BY HARDSCAPE OR ANY OTHER CONTAINMENT. INCLUDE MANUFACTURERS CUT SHEETS WITH PRODUCT SUBMITTALS FOR OWNER REVIEW AND APPROVAL.
20. ALL PLANTINGS SHALL BE DEEMED FULLY HEALTHY AND SHOWING SIGNS OF VIGOROUS GROWTH PRIOR TO THE START OF THE MAINTENANCE PERIOD. ANY DEAD, DYING OR STRUGGLING PLANTINGS THAT DO NOT MEET THE SATISFACTION OF THE OWNER SHALL BE REMOVED AND REPLACED BEFORE AUTHORIZATION TO BEGIN THE MAINTENANCE PERIOD IS GRANTED.

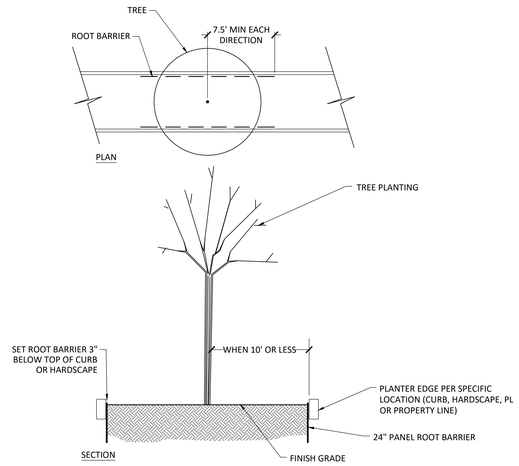
SOIL PREPARATION AND AMENDMENTS

1. THE CONTRACTOR SHALL PROVIDE A SOILS REPORT PREPARED BY A QUALIFIED SOILS SPECIALIST AND SUBMIT TO THE OWNER FOR FINAL APPROVAL. SOILS SAMPLES SHALL BE COLLECTED IMMEDIATELY AFTER ROUGH GRADING OPERATIONS AND SHALL BE SUFFICIENTLY NUMEROUS TO ACCOUNT FOR ANY SOIL VARIATIONS THAT MAY BE PRESENT THROUGHOUT THE ENTIRE SITE. THE FOLLOWING MINIMUM ITEMS SHALL BE INCLUDED IN THE ANALYSIS:
   A. SOIL INFILTRATION RATE.
   B. SOIL TYPE AND TEXTURE.
   C. SOIL ORGANIC CONTENT (PERCENTAGE)
   D. CATION EXCHANGE CAPACITY.
   E. SOIL FERTILITY INCLUDING TESTS FOR NITROGEN, POTASSIUM, PHOSPHOROUS, PH, ORGANIC MATTER AND SPECIFIC CONDUCTANCE (E.C.).
   F. RECOMMENDATIONS PER 1,000 SF FOR ALL AMENDMENTS INCLUDING FERTILIZER (NPK), COMPOST, GYPSUM, LIME, ETC.
   G. RECOMMENDATIONS PLANT PIT BACKFILL AMENDMENTS.
   H. FREQUENCY AND RATE OF FERTILIZER APPLICATION FOR THE DURATION OF THE MAINTENANCE PERIOD.
2. COMPOST SHALL BE INCORPORATED TO A DEPTH OF SIX INCHES INTO THE SOIL AT A MINIMUM RATE OF FOUR CUBIC YARDS PER 1,000 SQUARE FEET OF PERMEABLE AREA (OR PER THE RECOMMENDATIONS OF THE SOILS TEST, WHICHEVER IS GREATER) SOILS WITH GREATER THAN 6% ORGANIC MATTER IN THE TOP 6 INCHES OF SOIL ARE EXEMPT FROM ADDING COMPOST AND TILLING.
3. SPECIFIED SOIL AMENDMENTS SHALL BE APPLIED AND INCORPORATED EVENLY ACROSS THE ENTIRE PLANTER SURFACE OF ALL PLANTER AREAS. AMENDMENTS SHALL NOT BE LIMITED TO PLANT BACKFILL OR AREAS ONLY ADJACENT TO PLANT LOCATIONS.
4. SOD AREAS SHALL BE PREPPED WITH A MIN 3" AMENDED SOIL (IF APPLICABLE). AMENDMENTS TO BE INSTALLED PER THE RECOMMENDATIONS OF THE SOILS REPORT.
5. ALL SOIL PREPARATION AND AMENDMENTS SHALL BE ADDED TO THE SOIL PRIOR TO PLANTING. AMENDMENTS THAT MAY BE SHOWN ON THE PLAN ARE FOR BIDDING PURPOSES ONLY (UNLESS OTHERWISE NOTED). CONTRACTOR SHALL PROVIDE A SEPARATE LINE ITEM IN THE BID FOR SOIL AMENDMENTS.
6. THE RESULTS OF THE SOILS TESTS THE CONTRACTOR PERFORMS SHALL DETERMINE ACTUAL AMENDMENTS TO BE INSTALLED AND SHALL NOT ALTER FINAL BID TO OWNER.



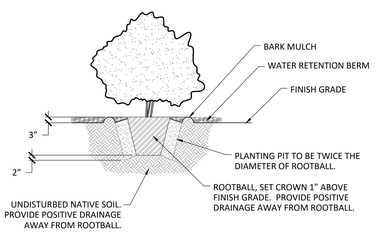

NOTES:
1. INSTALL A BLEND OF NATIVE SOIL AND AMENDED SOIL PER RECOMMENDATIONS OF SOILS REPORT AS BACKFILL.
2. SCARIFY EDGES OF EXCAVATED TREE PIT TO MINIMUM DEPTHS TO CREATE AND UNEVEN SOIL TRANSITION BETWEEN BACKFILL MATERIAL AND UNDISTURBED NATIVE SOIL..
3. REMOVE NURSERY STAKES AND TIES.

## A- TREE PLANTING DETAIL
NTS

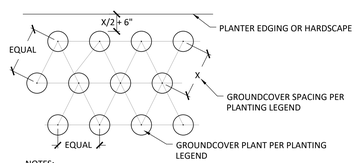



NOTE: REFER TO PLANS FOR PROPERTY LINE AND/OR R.O.W. LOCATIONS

## B- ROOT BARRIER DETAIL
NTS

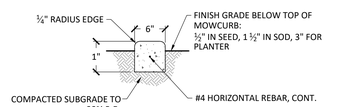



## C- SHRUB PLANTING DETAIL
NTS




NOTES:
1. INSTALL GROUNDGOVER IN A TRIANGULAR PATTERN.
2. REFER TO PLANTING PLANS AND PLANTING LEGEND FOR FURTHER INFORMATION.

## D- GROUNDCOVER SPACING DETAIL
NTS




NOTES:
1. MOWSTRIP SHALL BE FINISHED WITH A MEDIUM BROOM FINISH.
2. INSTALL FIBAR EXPANSION JOINTS AT 20' O.C. SPACING AND ADJACENT TO HARDSCAPE PAVING. SCORE JOINTS SHALL BE PLACED AT 10' O.C.
3. DO NOT INSTALL EXTRUDED CURBING

## E- CONCRETE MOWCURB
NTS

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|---|---|
| LICENSED ARCHITECT BRYAN P WHITMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | LICENSED LANDSCAPE ARCHITECT MICHAEL SHULAR No. 6134 Signature Exp. 05.31.27 Renewal Date STATE OF CALIFORNIA |
| DATE SIGNED: 04/06/2026 | DATE SIGNED: 04/06/2026 |

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DRAWING STATUS — DATE
- ○ DSA PLAN CHECK
- ○ DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

CONSTRUCTION DRAWINGS

HONEY RUN ACADEMY RELOCATED RELOCATABLES
622 PEARSON ROAD,
PARADISE, BUTTE, CA, 95969

PLANTING NOTES AND DETAILS

| | |
|---|---|
| Date 04/06/2026 | Project Number 25044 |
| Application Number 02-124033 | Drawing Number L3.0 |
| Drawn Staff | Checked MS |

PRINT DATE: 11/4/2026 10:09:57 AM
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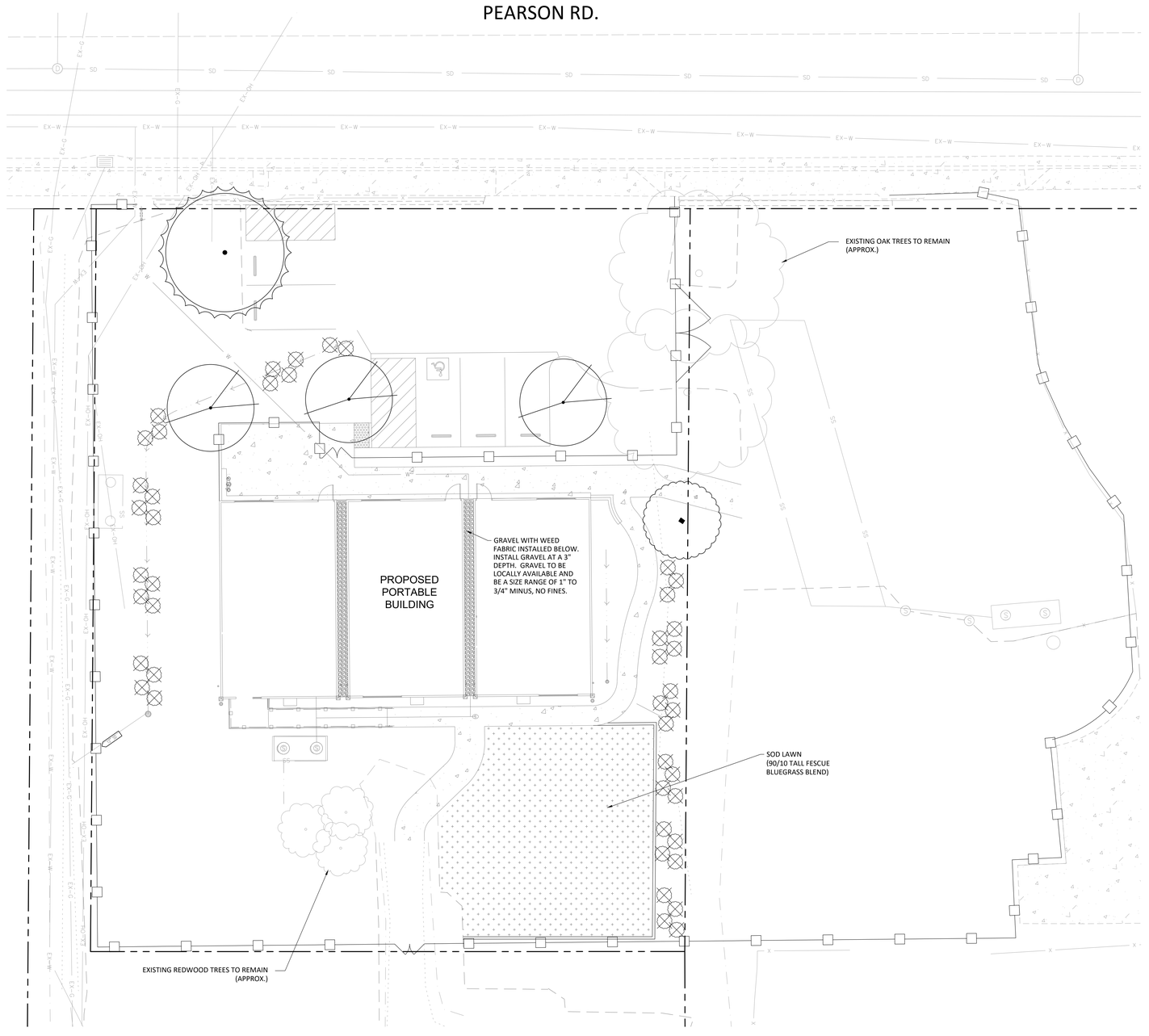
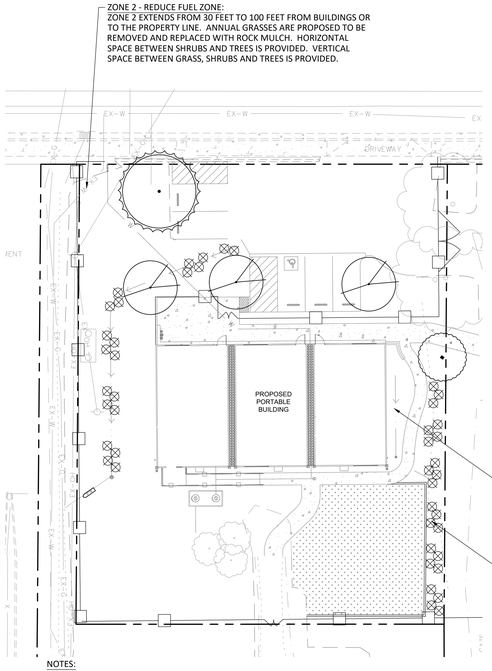
# PROPOSED PLANT LIST

| SYM | BOTANICAL/ COMMON NAME | QTY | WATER USE | REMARKS |
|---|---|---|---|---|
| | **TREES** | | | |
| | 15 GALLON CONTAINERS | | | |
| | CORNUS FLORIDA 'CLOUD NINE'/ WHITE FLOWERING DOGWOOD | 1 | MED | STANDARD |
| | LAGERSTROEMIA INDICA 'DYNAMITE'/ CRAPE MYRTLE | 3 | LOW | STANDARD |
| | PISTACIA CHINENSIS 'KEITH DAVEY'/ CHINESE PISTACHE | 1 | LOW | STANDARD |
| | **SHRUBS** | | | |
| | 1 GALLON CONTAINERS | | | |
| | MUHLENBERGIA RIGENS/ DEER GRASS | 44 | LOW | |

# SHADE CALCULATIONS

| | |
|---|---|
| PARKING TREE SHADE | |
| TREE | |
| PISTACHE (HALF)<br>CORNUS (QUARTER) | 1 x 481 = 481 SF<br>2 x 79 = 79 SF |
| PARKING AREA: 863 SF<br>TOTAL SHADE PROVIDED: 560 SF<br>SHADE PERCENTAGE: 64%<br>MINIMUM 50% SHADE COVERAGE<br>REQUIRED WITHIN 15 YEARS | |
| LANDSCAPE AREA SHADE | |
| TREE | |
| LAGERSTROEMIA (HALF)<br>CORNUS (HALF)<br>PISTACHE (HALF) | 2 x 157 = 314 SF<br>1 x 157 = 157 SF<br>1 x 481 = 481 SF |
| LANDSCAPE AREA: 1,364 SF<br>TOTAL SHADE PROVIDED: 952 SF<br>SHADE PERCENTAGE: 69%<br>MINIMUM 20% SHADE COVERAGE<br>REQUIRED WITHIN 15 YEARS | |
| HARDSCAPE AREA SHADE | |
| TREE | |
| LAGERSTROEMIA (HALF)<br>CORNUS (HALF) | 2 x 157 = 314 SF<br>1 x 157 = 157 SF |
| HARDSCAPE AREA: 1,482 SF<br>TOTAL SHADE PROVIDED: 471 SF<br>SHADE PERCENTAGE: 31%<br>MINIMUM 20% SHADE COVERAGE<br>REQUIRED WITHIN 15 YEARS | |




NOTES:
1. NON-COMBUSTIBLE MATERIAL (ROCK MULCH) IS PROPOSED AS GROUND COVER THROUGHOUT THE SITE.
2. PLANTINGS ARE CONSISTENT WITH CWUI 603.3 REQUIREMENTS FOR FIRE-SMART VEGETATION AND COMPLY WITH REQUIREMENTS OF THE SECTION.
3. TREES TO BE MAINTAINED TO A MINIMUM DISTANCE OF 10' FROM STRUCTURES.

## A- FIRE SAFE PLANTING PLAN
SCALE: 1"=5'-0"

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| LICENSED ARCHITECT BRYAN P WHITMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | LICENSED LANDSCAPE ARCHITECT MICHAEL SHULAR No. 6424 Signature Exp. 05.31.27 Renewal Date STATE OF CALIFORNIA |
| DATE SIGNED: 04/06/2026 | DATE SIGNED: 04/06/2026 |

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| NO. | REMARKS | DATE |
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- DSA PLAN CHECK
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- BIDDING
- CONSTRUCTION

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

CONSTRUCTION DRAWINGS

HONEY RUN ACADEMY RELOCATED RELOCATABLES
622 PEARSON ROAD,
PARADISE, BUTTE, CA, 95969

PLANTING PLAN

| | |
|---|---|
| Date<br>04/06/2026 | Project Number<br>25044 |
| Application Number<br>02-124033 | Drawing Number<br>L3.1 |
| Drawn<br>Staff | Checked<br>MS |

PRINT DATE: 1/14/2026 10:09:57 AM
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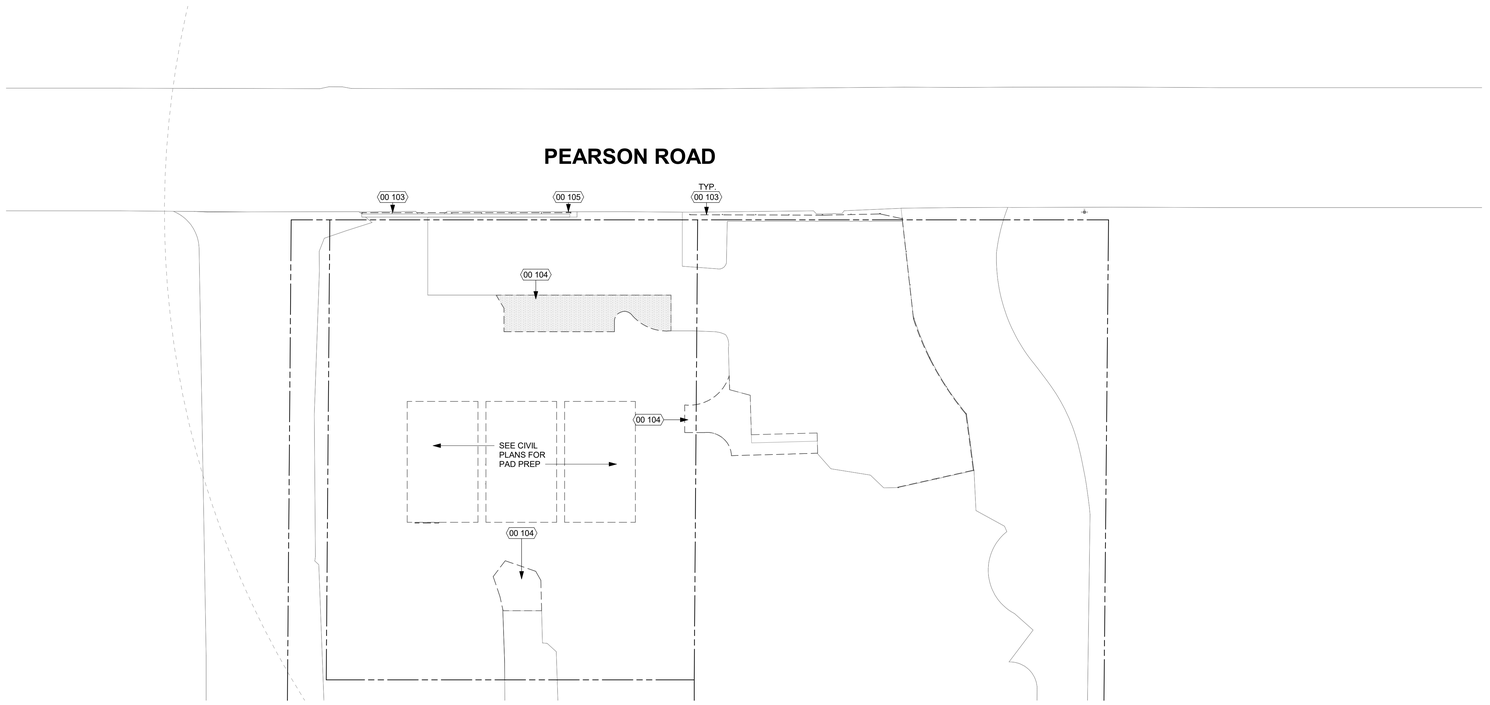


REF: 8 / X10A5.1

N

**SITE PLAN - DEMO** | 1" = 20'-0" | 10

# KEYNOTES

| NUMBER | NOTE |
|---|---|
| 00 103 | REMOVE (E) FENCING INCLUDING ASSOCIATED GATES AND FOOTINGS |
| 00 104 | REMOVE (E) ASPHALT |
| 00 105 | REMOVE (E) TOW AWAY SIGNAGE |

# GENERAL NOTES

**DEMOLITION**
**GENERAL**
1. ALL DEMOLITION WORK SHALL COMPLY WITH CFC CHAPTER 33 OF THE FIRE CODE AND CBC CHAPTER 33 OF THE BUILDING CODE FOR SAFETY DURING CONSTRUCTION AND DEMOLITION AND CALIFORNIA EXISTING BUILDING CODE (PART 10) FOR EXISTING STRUCTURES.
2. THESE DEMOLITION PLANS AND NOTES ARE COMPLIMENTARY TO ALL OTHER PLANS AND DETAILS AND MAY NOT REFLECT THE FULL EXTENT OF ALL DEMOLITION WORK REQUIRED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE DEMOLITION REQUIRED AND ALL DEMOLITION WORK SHALL BE INCLUDED IN THE BASE BID (UNLESS SPECIFICALLY NOTED OTHERWISE) AS NECESSARY TO CONSTRUCT AND/OR COMPLETE THIS PROJECT.
3. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, (UNLESS A SEQUENCE IS SPECIFIED BY THE OWNER OR CONTRACT DOCUMENTS) AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK.
4. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION WORK, TYPICAL.

**DEMOLITION**
1. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
2. DURING REQUIRED ON-SITE VISIT, CONTRACTOR SHALL INVENTORY AND IDENTIFY ALL GENERAL CONSTRUCTION (CONTRACTOR SALVAGE) TO BE DEMOLISHED AS SHOWN ON THIS PLAN.
3. CONTRACTOR REMOVED ITEMS SHALL BE DISPOSED OF PROPERLY OFF SITE AND IN AN EXPEDITIOUS MANNER.
4. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN SITE FIRE SAFETY PLAN.

**EXISTING CONSTRUCTION**
1. VERIFICATION OF EXISTING CONDITIONS:
   A. IN THE REMODELING OF AN EXISTING BUILDING CERTAIN ASSUMPTIONS HAVE BEEN MADE REGARDING EXISTING CONDITIONS. SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT EXPENDING ADDITIONAL SUMS OF MONEY, OR DESTROYING OTHERWISE SERVICEABLE PORTIONS OF THE BUILDING. NOTIFY THE ARCHITECT IMMEDIATELY FOR GUIDANCE ON HOW TO PROCEED WHEN CONDITIONS ARE DISCOVERED DURING CONSTRUCTION WHICH DIFFER FROM THOSE INDICATED ON THE DRAWINGS.
2. ALL DIMENSIONS SHOWN ON THIS SHEET ARE EXISTING AND APPROXIMATE. VERIFY IN FIELD.
3. CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION SHOWN TO REMAIN FROM DAMAGE DURING CONSTRUCTION, FOR THE EXTENT OF THE DEMOLITION AND MODIFICATION.
4. REMOVE ALL EXISTING NON-USED PIPES AND CONDUITS OVERHEAD FOR A CLEAN INSTALLATION OF NEW MECHANICAL, ELECTRICAL, AND CEILINGS - OR RECAP AS DIRECTED BY THE OWNER.
5. CONTRACTOR TO CAP ALL UTILITIES NOT SHOWN TO BE REUSED BELOW FLOORS, INSIDE WALLS OR ABOVE CEILINGS.

**SITEWORK:**
1. SEE CIVIL DEMOLITION PLAN FOR FURTHER INFORMATION.

**EXISTING SITEWORK AT PARADISE RIDGE ELEMENTARY:**
1. (E) PORTABLES TO BE REMOVED, INCLUDING ALL ASSOCIATED FOOTINGS, SKIRTS, RAMPS AND APPURTENANCES.
2. (E) UTILITIES SERVING THESE PORTABLES TO BE SECURED AND CAPPED, INCLUDING WATER, WASTE, AND GAS.
3. (E) UNDERGROUND ELECTRICAL CONDUIT TO BE DISCONNECTED, REMOVE WIRING BACK TO SOURCE OR LAST REMAINING OUTLET, CUT ALL CONDUIT RISERS BELOW GRADE AND CAP. MAKE RECONNECTIONS AS REQUIRED TO MAINTAIN CIRCUITS THAT REMAIN, FIELD VERIFY EXACT REQUIREMENTS.
4. FINISH GRADE TO BE MADE FLUSH TO ADJACENT SURFACES WITH COMPACTED SOIL AND COVERED IN MULCH TO MATCH ADJACENT AREAS.

# LEGEND

- (E) ASPHALT PAVING
- (E) TO BE DEMOLISHED, REMOVED, AND/OR RELOCATED
- PROPERTY LINE
- (E) FIRE HYDRANT

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| LICENSED ARCHITECT CHRISTIAN P. PUTTKAMER No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | |

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| ● DSA BACK CHECK | 04/06/2026 |
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| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

DEMOLITION SITE PLAN OVERALL

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A1.1 |
| Drawn / Checked | |
| A.F. / C.P. | |

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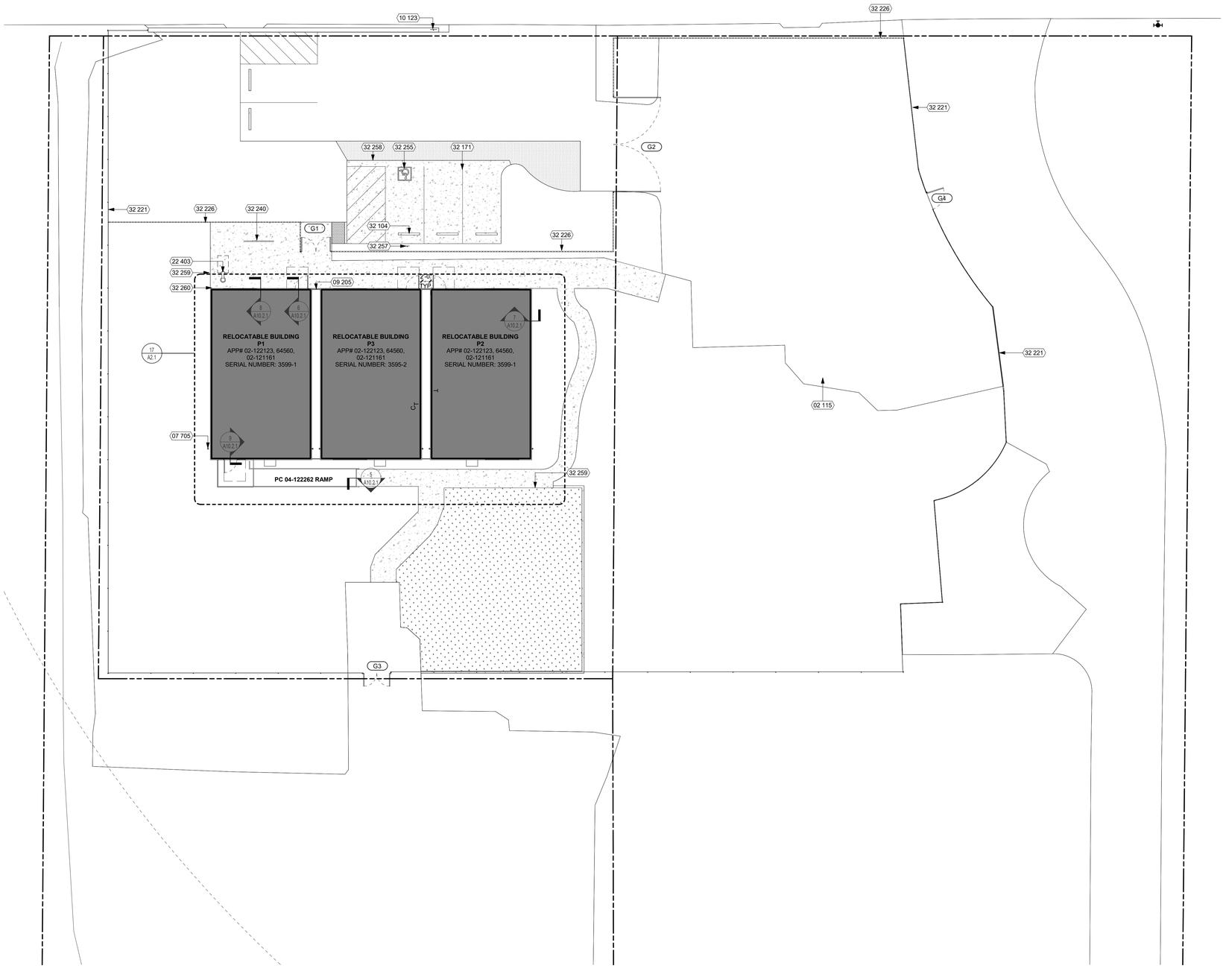


REF: 8 / X10A5.1

**SITE PLAN** 3/32" = 1'-0" 10

## KEYNOTES

| NUMBER | NOTE |
|---|---|
| 02 115 | (E) AC PAVING, PATCH AND REPAIR & ADDITION, SEE CIVIL DRAWINGS |
| 07 705 | (E) DOWNSPOUT WITH NEW CONNECTION TO STORM DRAIN (SEE DETAIL 7/A10.2.1 & CIVIL DWGS) |
| 09 205 | CLOSURE PANEL (SEE DETAIL 4/A10.1) |
| 10 123 | TOW AWAY SIGN (SEE DETAIL 6/A10.2.1) |
| 22 403 | DRINKING FOUNTAIN & BOTTLE FILLER (SEE DETAIL 19/A10.10.2) |
| 32 104 | WHEEL STOP (SEE CIVIL DWGS.) |
| 32 171 | PARKING SPACE STRIPING (SEE CIVIL DWGS.) |
| 32 221 | CHAIN LINK FENCE (SEE DETAIL 2/A10.2.2) |
| 32 226 | ORNAMENTAL METAL FENCE (SEE DETAIL 19/A10.2.2) |
| 32 240 | STUDENT BICYCLE RACK (SEE DETAIL 2/A10.10.3) |
| 32 255 | ACCESSIBLE STALL SYMBOL (SEE DETAIL 3/A10.2.1) |
| 32 257 | ACCESSIBLE STALL SIGNAGE (SEE DETAIL 1/A10.2.1) |
| 32 258 | CONCRETE TRANSITION (SEE DETAIL 4/A10.2.1) |
| 32 259 | SIDEWALK AT PLANTER (SEE CIVIL DRAWINGS) |
| 32 260 | SIDEWALK AT EXTERIOR WALL (SEE DETAIL 5/A10.2.1) |

## GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR 6'-0" HIGH TEMPORARY CONSTRUCTION BARRIER WITH VISION SCREEN AT STAGING, STORAGE AND CONSTRUCTION AREA WITH SIGNAGE EVERY 20'-0" TO WARN STUDENTS OF CONSTRUCTION AREA.
2. CONTRACTOR TO BRING IN OFFICE TRAILER TO CONSTRUCTION AREA.
3. CONTRACTOR SHALL ACCESS THE SITE FROM PEARSON ROAD ANY DAMAGE TO FIRE LANE WILL BE AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR TO REPAIR BACK TO EXISTING CONDITIONS ALL LAYDOWN AREAS AT THE END OF CONSTRUCTION. THIS INCLUDES LANDSCAPE AREAS AND ANY BROKEN SPRINKLERS, VALVE BOXES, CONCRETE, ASPHALT, ETC.
5. CONTRACTOR SHALL REPLACE, RECONSTRUCT AND REPAIR ALL EXISTING WORK THAT IS IMPACTED, DAMAGED, OR DESTROYED AS A RESULT OF ANY CONTRACTOR WORK INCLUDING, BUT NOT LIMITED TO, HARDSCAPING, SIDEWALKS, IRRIGATION SYSTEMS, LANDSCAPING, LAWNS, STRUCTURES AND UTILITIES - ALL TO THE SATISFACTION OF THE DISTRICT.
6. WHERE ASPHALT OR CONCRETE IS BEING REPATCHED, CONTRACTOR SHALL PROVIDE EVEN AND STRAIGHT LINE CUTS WITH 2-FOOT STRAIGHT SLURRY SEAL SURFACE PATCH ON BOTH SIDES OF CUT.
7. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS, ETC., AND TO PREVENT HAZARDS TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN AND INSTALLED BY ANY OTHER CONTRACTS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
8. GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS WITH PROPER LEVER HARDWARE AND KICK PLATES.

## LEGEND

- BUILDING UNDER SCOPE OF WORK
- (E) SITE CONDITION
- (N) AC PAVING, SEE CIVIL DRAWINGS
- (N) CONCRETE WALKWAY, SEE CIVIL DRAWINGS
- (N) LANDSCAPING, SEE LANDSCAPE DRAWINGS
- PROPERTY LINE
- (E) FIRE HYDRANT

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| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

SITE PLAN OVERALL

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A1.2 |
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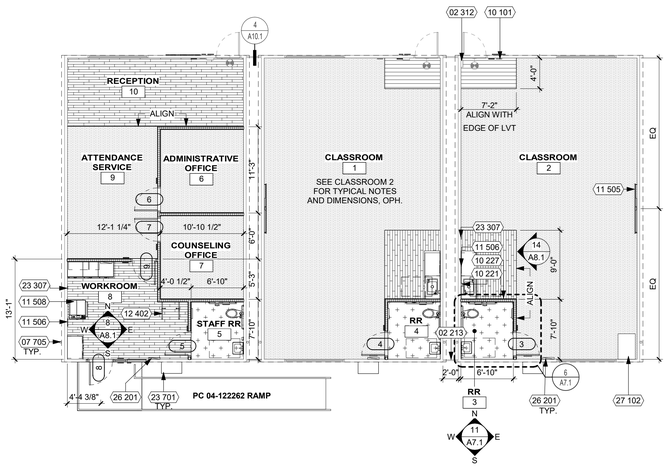


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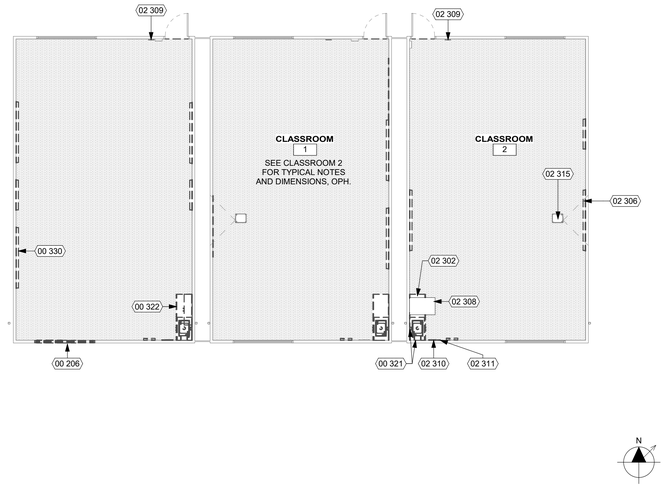
**FLOOR PLAN** 1/8" = 1'-0" 17




REF: 8 / X10A5.1

**FLOOR PLAN - DEMO** 1/8" = 1'-0" 7

## KEYNOTES

| NUMBER | NOTE |
|---|---|
| 00 206 | REMOVE (E) WINDOW |
| 00 321 | REMOVE ALL (E) SINK ACCESSORIES AT THIS ROOM |
| 00 322 | REMOVE (E) CASEWORK, SINK, ALL PIPES, AND DRAIN ETC. TYP. |
| 00 330 | TACKBOARD & MARKERBOARD TO BE REMOVED, TYP. |
| 02 213 | (E) PANELS TO REMAIN, TYP. |
| 02 302 | (E) CASEWORK AND FIXTURES TO BE CAREFULLY REMOVED AND RELOCATED TO NEW LOCATION PER FLOOR PLAN |
| 02 306 | (E) MARKER BOARD & TACKBOARD TO BE REINSTALLED, TYP. |
| 02 308 | (E) IDF TO BE RELOCATED |
| 02 309 | (E) ASSISTIVE LISTENING SINAGE TO BE RELOCATED |
| 02 310 | (E) CLOCK TO BE RELOCATED |
| 02 311 | (E) THERMOSTAT TO BE RELOCATED |
| 02 312 | (E) FIRE EXTINGUISHER TO REMAIN |
| 02 315 | (E) PROJECTOR TO REMAIN. |
| 07 705 | (E) DOWNSPOUT WITH NEW CONNECTION TO STORM DRAIN (SEE DETAIL 7/A10.2.1 & CIVIL DWGS) |
| 10 101 | SIGNAGE (SEE CODE ANALYSIS PLAN) |
| 10 221 | SOAP DISPENSER, OFCI |
| 10 227 | PAPER TOWEL DISPENSER, RECESSED, CFCI |
| 11 505 | VIEWSONIC TV, WALL MOUNTED OFCI (SEE DETAIL 11/A10.10.3) |
| 11 506 | (E) CLOCK (SEE ELECTRICAL DWGS) |
| 11 508 | COPIER, OFOI |
| 12 402 | WALL MOUNTED BIKE RACK (SEE DETAIL 3/A10.10.3) |
| 23 307 | (E) THERMOSTAT (SEE ELECTRICAL DWGS.) |
| 23 701 | HVAC EQUIPMENT (SEE MECHANICAL DWGS.) |
| 26 201 | ELECTRICAL PANELBOARD (SEE ELECTRICAL DWGS) |
| 27 102 | (E) IDF (SEE ELECTRICAL DWGS.) |

## GENERAL NOTES

**DEMOLITION**

**GENERAL**

1. ALL DEMOLITION WORK SHALL COMPLY WITH CFC CHAPTER 33 OF THE FIRE CODE AND CBC CHAPTER 33 OF THE BUILDING CODE FOR SAFETY DURING CONSTRUCTION AND DEMOLITION AND CALIFORNIA EXISTING BUILDING CODE (PART 10) FOR EXISTING STRUCTURES.
2. THESE DEMOLITION PLANS AND NOTES ARE COMPLIMENTARY TO ALL OTHER PLANS AND DETAILS AND MAY NOT REFLECT THE FULL EXTENT OF ALL DEMOLITION WORK REQUIRED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE DEMOLITION REQUIRED AND ALL DEMOLITION WORK SHALL BE INCLUDED IN THE BASE BID (UNLESS SPECIFICALLY NOTED OTHERWISE) AS NECESSARY TO CONSTRUCT AND/OR COMPLETE THIS PROJECT.
3. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, (UNLESS A SEQUENCE IS SPECIFIED BY THE OWNER OR CONTRACT DOCUMENTS) AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK.
4. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION WORK, TYPICAL.

**DEMOLITION**

1. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
2. SEE HAZARDOUS MATERIALS REPORT FOR ABATEMENT REQUIREMENTS DURING DEMOLITION.
3. DURING REQUIRED ON-SITE VISIT, CONTRACTOR SHALL INVENTORY AND IDENTIFY ALL GENERAL CONSTRUCTION (CONTRACTOR SALVAGE) TO BE DEMOLISHED AS SHOWN ON THIS PLAN.
4. CONTRACTOR REMOVED ITEMS SHALL BE DISPOSED OF PROPERLY OFF SITE AND IN AN EXPEDITIOUS MANNER.
5. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN SITE FIRE SAFETY PLAN.

**EXISTING CONSTRUCTION**

1. VERIFICATION OF EXISTING CONDITIONS.
   A. IN THE REMODELING OF AN EXISTING BUILDING CERTAIN ASSUMPTIONS HAVE BEEN MADE REGARDING EXISTING CONDITIONS. SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT EXPENDING ADDITIONAL SUMS OF MONEY, OR DESTROYING OTHERWISE SERVICEABLE PORTIONS OF THE BUILDING. NOTIFY THE ARCHITECT IMMEDIATELY FOR GUIDANCE ON HOW TO PROCEED WHEN CONDITIONS ARE DISCOVERED DURING CONSTRUCTION WHICH DIFFER FROM THOSE INDICATED ON THE DRAWINGS.
2. ALL DIMENSIONS SHOWN ON THE DEMOLITION PLAN ARE EXISTING AND APPROXIMATE. VERIFY IN FIELD.
3. CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION SHOWN TO REMAIN FROM DAMAGE DURING CONSTRUCTION, FOR THE EXTENT OF THE DEMOLITION AND MODIFICATION.
4. REMOVE ALL EXISTING NON-USED PIPES AND CONDUITS OVERHEAD FOR A CLEAN INSTALLATION OF NEW MECHANICAL, ELECTRICAL, AND CEILINGS - OR RECAP AS DIRECTED BY THE OWNER.
5. CONTRACTOR TO CAP ALL UTILITIES NOT SHOWN TO BE REUSED BELOW FLOORS, INSIDE WALLS OR ABOVE CEILINGS.
6. CONTRACTOR TO PROVIDE FLOOR REPAIR AFTER DEMOLITION OF (E) COOLER BOXES. CONTRACTOR TO PROVIDE ELECTRICAL AND PLUMBING SAFE OFF OF COOLER BOX DEMO. CONTRACTOR TO DISPOSE OF DEMOLISHED BOXES.

**PREPARATION FOR NEW WORK**

1. CONTRACTOR IS RESPONSIBLE FOR LOWERING ELECTRICAL, CONDUITS, PIPING, CLEANOUTS, ETC, AS NECESSARY FOR NEW FLOOR FINISHES.
2. REFER TO FLOOR FINISH PLAN FOR MORE INFORMATION ON SLAB CLEANING AND PREPARATION.
3. PATCH, CAULK, SET PROTRUDING NAILS AND REPAIR ALL SURFACES AND CRACKS WHERE NECCESSARY WITH SUITABLE PATCHING MATERIALS AND SMOOTH OFF TO MATCH ADJACENT SURFACES.
4. REMOVE ALL SIGNAGE, CLEAN AND PAINT SURFACE BEHIND PER SPECIFICATIONS, AND REINSTALL SIGNAGE.

**FLOOR PLAN**

**GENERAL**

1. FOR PLUMBING FIXTURES, FLOOR DRAINS, CASEWORK, AND OTHER EQUIPMENT - REFER TO EQUIPMENT PLAN.
2. FOR ALL REQUIRED SIGNAGE INCLUDING ROOM NAME AND NUMBER THROUGHOUT - REFER TO CODE ANALYSIS PLAN.
3. PAINT ALL INTERIOR WALLS. REFER TO ROOM FINISH SCHEDULE FOR INTERIOR WALL FINISHES.
4. DOORS SHALL BE INSTALLED 4" FROM JAMB UNLESS OTHERWISE NOTED. FOR ADDITIONAL REQUIRED DOOR CLEARANCES, SEE DETAIL 1 / A10.8
5. ALL TRIM AND SIDING SHALL MATCH EXISTING ADJACENT IN SIZE, COLOR, TEXTURE, AND FINISH.

**STRUCTURE**

1. DIMENSIONS OF WALLS ARE FROM FACE OF STUD UNLESS OTHERWISE NOTED.
2. REFER TO STRUCTURAL DRAWINGS FOR HEADER SCHEDULE AND FRAMING DETAILS FOR OPENINGS IN INTERIOR AND EXTERIOR WALLS.

**EQUIPMENT**

1. FOR SIGNAGE REFER TO CODE ANALYSIS PLAN.
2. FOR CASEWORK DIMENSIONS REFER TO INTERIOR ELEVATIONS.
3. FOR TYPICAL CASEWORK ANCHORAGE SEE DETAIL 7 / A8.1
4. FOR TACK BOARD LOCATIONS REFER TO INTERIOR ELEVATIONS.
5. FOR RESTROOM FIXTURES, AND SPECIALTIES, REFER TO ENLARGED RESTROOM PLANS.

**FINISHES**

1. ALL INTERIOR CORNERS TO HAVE CORNER GUARDS INSTALLED PER DETAIL
2. ALL FINISHES SHALL COMPLY WITH CBC CHAPTERS 3-8 &10 AND TITLE 19 C.C.R.
3. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL RESTROOMS, MOP SINK AREAS AND WALLS ADJACENT TO ANY SINK OR DRINKING FOUNTAIN WHERE GYPSUM BOARD IS SCHEDULED.
4. DO NOT INSTALL MOISTURE RESISTANT GYPSUM BOARD AT CEILING PLANES.
5. EXTERIOR SIDING TO COMPLY WITH WUI LISTING - 8140-2031:0004

**PAINTING**

1. ALL INTERIOR WALLS AND CEILINGS TO RECEIVE LEVEL 5 FINISH PER SPECIFICATIONS.
2. ALL ROOMS TO RECEIVE EGG-SHELL SHEEN EXCEPT AT RESTROOMS WHICH SHALL RECEIVE SEMI-GLOSS SHEEN.
3. EXTERIOR WALL FINISHES TO MATCH EXISTING ADJACENT IN SHEEN AND COLOR.
4. EXTERIOR STEEL, HM FRAMES AND METAL FLASHINGS TO RECEIVE SEMI-GLOSS SHEEN.

## LEGEND

- (E) TO BE DEMOLISHED, REMOVED, AND/OR RELOCATED
- (E) WALL TO REMAIN
- INTERIOR 4" WALL, SEE DETAIL 1 / A10.1
- A101A — DOOR NUMBER, SEE DOOR SCHEDULE
- A — WINDOW, STOREFRONT, OR CURTAINWALL SEE WINDOW SCHEDULE
- SHEET VINYL, FOR WALL BASE SEE 6 / A10.10.3
- CARPET TILE, FOR WALL BASE SEE 7 / A10.10.3
- LUXURY VINYL TILE
- WALK OFF MAT

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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT, CHELSEA P. WHITMORE, No. C-30345, Ren. 9/30/27, STATE OF CALIFORNIA | |

DATE SIGNED: 04/06/2026

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| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

FLOOR PLAN & DEMO FLOOR PLAN

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A2.1 |
| Drawn / Checked | |
| M.N./A.F. / C.P. | |

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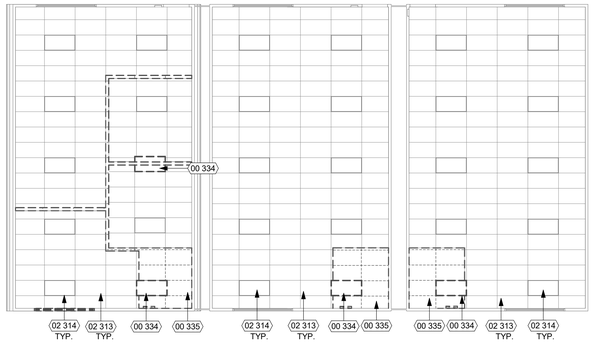
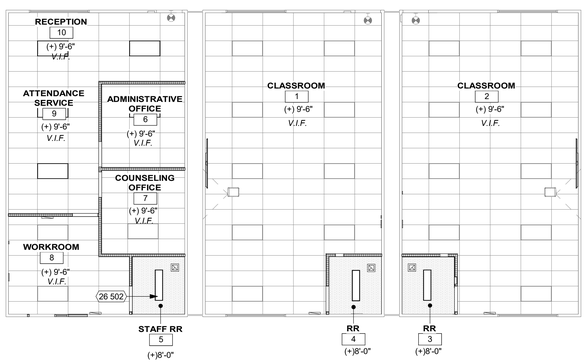



REF: 8 / X10A5.1

## DEMO REFLECTED CEILING PLAN 1/8" = 1'-0" 8




REF: 8 / X10A5.1

## REFLECTED CEILING PLAN 1/8" = 1'-0" 10

# KEYNOTES

| NUMBER | NOTE |
|---|---|
| 00 334 | REMOVE (E) INTERIOR LIGHTING |
| 00 335 | REMOVE (E) CEILING FINISH, PREPARE AREA FOR (N) FINISH |
| 02 313 | (E) ACOUSTICAL CEILING PANELS, TO REMAIN IN PLACE, ADJUST PANELS AS NEEDED TO ACCOMMODATE (N) PARTITION WALLS |
| 02 314 | (E) LIGHT FIXTURE, REMOVE & SHIFT AS NEEDED TO ACCOMMODATE (N) INTERIOR WALLS |
| 26 502 | (N) INTERIOR LIGHT FIXTURE (SEE ELECTRICAL DWGS.) |

# GENERAL NOTES

**GENERAL**
1. ALL HEIGHTS ARE REFERENCED FROM FINISH FLOOR ELEVATIONS = 0'-0"
2. PROVIDE ACCESS PANELS TO ENCLOSED AREAS ABOVE GYPSUM BOARD CEILINGS. CENTER AND ALIGN TO LIGHT FIXTURES, AND OTHER CEILING FIXTURES PER PLAN.
3. CEILING SYSTEM SHOULD BE CENTERED WITHIN EACH ROOM AS WELL AS ALIGNED WITH THE STRUCTURAL GRID, U.O.N.
4. CEILING SYSTEM SHALL BE COORDINATED WITH THE LIGHTING & ELECTRICAL PLANS.
5. SKYLIGHT WELL ON THE CEILING PLAN SHOULD BE VERTICALLY ALIGNED WITH THE CORRESPONDING SKYLIGHT ON THE ROOF WHERE OCCURS.
6. PAINT GYP. BD. CEILINGS AND SOFFITS P-1 U.O.N. (PAINT FINISH TO BE SAME AT FACE AND UNDERSIDE OF SOFFITS.) REFER TO ROOM FINISH SCHEDULE FOR COLOR SELECTIONS
7. PAINT EXPOSED CEILINGS, DUCTWORK AND EQUIPMENT PER FINISH SCHEDULE.
8. NO EXPOSED NAILS OR SCREWS ARE ALLOWED.

**EQUIPMENT**
1. SEE ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SUPPORTS & BRACING. ELECTRICAL DEVICES ARE SHOWN FOR LOCATION IN RELATION TO LIGHT FIXTURES AND MECHANICAL DIFFUSERS IN SELECT AREAS. FOR FIXTURE INFORMATION SEE ELECTRICAL DRAWINGS.
2. SEE MECHANICAL AND PLUMBING DRAWINGS FOR DIFFUSERS AND PIPE CHASES.
3. SEE FIRE PROTECTION DETAILS FOR PENETRATIONS THROUGH RATED WALLS, WHERE OCCURS.
4. SINGLE LIGHT FIXTURES IN GYP. BD. CEILINGS SHALL BE CENTERED IN ROOM.
5. LIGHT FIXTURE DIMENSIONS ARE TO CENTERLINE OF FIXTURE OR GROUP OF FIXTURES, U.O.N.
6. CENTER AND ALIGN SMOKE DETECTOR, DIFFUSERS, GRILLS, AND SIMILAR ITEMS IN CEILING TILE GRID AND ALIGN WITH LIGHT FIXTURES, SEE DETAIL 1 / A10.9.3
7. SEE ELECTRICAL DRAWINGS FOR LOW LEVEL EXIT SIGN LOCATIONS.
8. COORDINATE LOCATION OF CEILING FANS AND LIGHTING. ENSURE THAT FAN BLADES DO NOT UNDERCUT LIGHTING FIXTURES.

**DEMOLITION**
**GENERAL**
1. ALL DEMOLITION WORK SHALL COMPLY WITH CFC CHAPTER 33 OF THE FIRE CODE AND CBC CHAPTER 33 OF THE BUILDING CODE FOR SAFETY DURING CONSTRUCTION AND DEMOLITION AND CALIFORNIA EXISTING BUILDING CODE (PART 10) FOR EXISTING STRUCTURES.
2. THESE DEMOLITION PLANS AND NOTES ARE COMPLIMENTARY TO ALL OTHER PLANS AND DETAILS AND MAY NOT REFLECT THE FULL EXTENT OF ALL DEMOLITION WORK REQUIRED. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE DEMOLITION REQUIRED AND ALL DEMOLITION WORK SHALL BE INCLUDED IN THE BASE BID (UNLESS SPECIFICALLY NOTED OTHERWISE) AS NECESSARY TO CONSTRUCT AND/OR COMPLETE THIS PROJECT.
3. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, (UNLESS A SEQUENCE IS SPECIFIED BY THE OWNER OR CONTRACT DOCUMENTS) AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK.
4. SEE ENGINEERING DRAWINGS FOR ADDITIONAL DEMOLITION WORK, TYPICAL.

**DEMOLITION**
1. NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
2. DURING REQUIRED ON-SITE VISIT, CONTRACTOR SHALL INVENTORY AND IDENTIFY ALL GENERAL CONSTRUCTION (CONTRACTOR SALVAGE) TO BE DEMOLISHED AS SHOWN ON THIS PLAN.
3. CONTRACTOR REMOVED ITEMS SHALL BE DISPOSED OF PROPERLY OFF SITE AND IN AN EXPEDITIOUS MANNER.
4. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC, AND THE WRITTEN SITE FIRE SAFETY PLAN.

**EXISTING CONSTRUCTION**
1. VERIFICATION OF EXISTING CONDITIONS:
   A. IN THE REMODELING OF AN EXISTING BUILDING CERTAIN ASSUMPTIONS HAVE BEEN MADE REGARDING EXISTING CONDITIONS. SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT EXPENDING ADDITIONAL SUMS OF MONEY, OR DESTROYING OTHERWISE SERVICEABLE PORTIONS OF THE BUILDING. NOTIFY THE ARCHITECT IMMEDIATELY FOR GUIDANCE ON HOW TO PROCEED WHEN CONDITIONS ARE DISCOVERED DURING CONSTRUCTION WHICH DIFFER FROM THOSE INDICATED ON THE DRAWINGS.
2. ALL DIMENSIONS SHOWN ON THE DEMOLITION PLAN ARE EXISTING AND APPROXIMATE. VERIFY IN FIELD.
3. CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION SHOWN TO REMAIN FROM DAMAGE DURING CONSTRUCTION, FOR THE EXTENT OF THE DEMOLITION AND MODIFICATION.
4. REMOVE ALL EXISTING NON-USED PIPES AND CONDUITS OVERHEAD FOR A CLEAN INSTALLATION OF NEW MECHANICAL, ELECTRICAL, AND CEILINGS - OR RECAP AS DIRECTED BY THE OWNER.
5. CONTRACTOR TO CAP ALL UTILITIES NOT SHOWN TO BE REUSED BELOW FLOORS, INSIDE WALLS OR ABOVE CEILINGS.
6. CONTRACTOR TO PROVIDE FLOOR REPAIR AFTER DEMOLITION OF (E) COOLER BOXES. CONTRACTOR TO PROVIDE ELECTRICAL AND PLUMBING SAFE OFF OF COOLER BOX DEMO. CONTRACTOR TO DISPOSE OF DEMOLISHED BOXES.

**PREPARATION FOR NEW WORK**
1. CONTRACTOR IS RESPONSIBLE FOR LOWERING ELECTRICAL, CONDUITS, PIPING, CLEANOUTS, ETC, AS NECESSARY FOR NEW FLOOR FINISHES.
2. REFER TO FLOOR FINISH PLAN FOR MORE INFORMATION ON SLAB CLEANING AND PREPARATION.
3. PATCH, CAULK, SET PROTRUDING NAILS AND REPAIR ALL SURFACES AND CRACKS WHERE NECCESSARY WITH SUITABLE PATCHING MATERIALS AND SMOOTH OFF TO MATCH ADJACENT SURFACES.

# LEGEND

EXISTING 2x4 SUSPENDED ACOUSTICAL CEILING PANEL SYSTEM. SEE SHEET A10.9.1 AND A10.9.2 FOR ATTACHMENT TO STRUCTURE FOR PATCH AND REPAIR, 20% CONTIGENCY FOR DAMAGED CEILING PANELS REPLACEMENT

GYPSUM WALLBOARD CEILING, PAINT SURFACE, SEE DETAIL 2 / A10.9.3

(E) 2' x 4' LIGHT FIXTURES

(N) LIGHT FIXTURES, SEE ELECTRICAL DRAWINGS

MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS

**ROOM NAME**
A119
(+) 8'-0"
ROOM TAG
(+) 8'-0" = CEILING HEIGHT OF ROOM, U.O.N.

(E) EMERGENCY EXIT LIGHT

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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTINA P. WHITTAKER No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA<br>DATE SIGNED: 04/06/2026 | |

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| ● DSA BACK CHECK | 04/06/2026 |
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| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

REFLECTED CEILING PLAN & DEMO REFLECTED CEILING PLAN

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A3.0 |
| Drawn A.F. | Checked C.P. |

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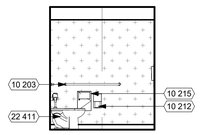


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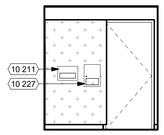


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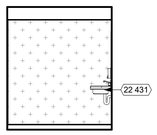


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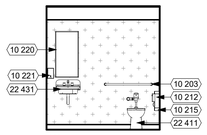


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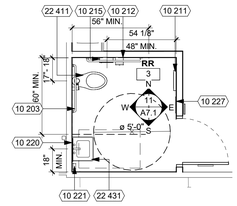
**ENLARGED RESTROOM ELEVATIONS, TYP.** 1/4" = 1'-0" 11




REF: 17 / A2.1

**ENLARGED RESTROOM PLAN, TYP.** 1/4" = 1'-0" 6

## KEYNOTES

| NUMBER | NOTE |
|---|---|
| 10 203 | GRAB BAR (SEE DETAIL 11/A10.10.2) |
| 10 211 | TOILET SEAT COVER DISPENSER, SURFACE MOUNTED, CFCI |
| 10 212 | TOILET PAPER DISPENSER, SURFACE MOUNTED, CFCI |
| 10 215 | SANITARY NAPKIN DISPOSAL, SURFACE MOUNTED, OFCI |
| 10 220 | MIRROR, CFCI (SEE DETAIL 20/A10.10.2) |
| 10 221 | SOAP DISPENSER, OFCI |
| 10 227 | PAPER TOWEL DISPENSER, RECESSED, CFCI |
| 22 411 | FLOOR MOUNTED WATER CLOSET |
| 22 431 | LAVATORY |

## GENERAL NOTES

GENERAL
1. DIMENSIONS
   - A. ALL MINIMUM CLEARANCE DIMENSIONS FOR PLUMBING FIXTURES ARE FROM FACE OF WALL FINISH TO CENTER OF FIXTURE, U.O.N.
   - B. ALL DIMENSIONS MARKED "MIN. CLR" OR "CLR." ARE TO/ FROM FACE OF WALL FINISH (F.O.F.)
2. SEE FINISH PLAN FOR INTERIOR FINISHES.
3. PROVIDE GLASSMAT BACKER BOARD AT ALL TILED WALLS AND WALLS WITHIN 48" OF ANY PLUMBING FIXTURE
4. ALL DRINKING FOUNTAIN ALCOVES TO BE FINISHED WITH WATER RESISTANT WALL MATERIAL. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS.
5. ALL FLOOR SLOPES IN RESTROOMS ARE NOT TO EXCEED 1:48 IN ANY DIRECTION.

ACCESSORIES
1. ALL RESTROOM FIXTURES AND ACCESSORIES MOUNTING HEIGHTS AND LOCATIONS TO USE ADULT DIMENSIONS
2. FOR TYPICAL RESTROOM ACCESSORY MOUNTING HEIGHTS, ACCESSIBLE DIMENSIONS, SEE SHEET A10.10.2
3. TOILET ACCESSORIES LOCATED ON OR WITHIN WALLS SHALL BE INSTALLED AND SEALED TO PROTECT STRUCTURAL ELEMENTS FROM MOISTURE (CBC SECTION 1210.2.2)
4. PLUMBING FIXTURES TO HAVE SOLID BLOCKING AS REQUIRED BY CODE, SEE DETAIL 16 / A10.10.2

## LEGEND

30" x 48" ACCESSIBLE CLEAR SPACE

60" DIAMETER ACCESSIBLE CLEAR SPACE

FRP PER FINISH SCHEDULE

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ARCHITECT | ENGINEER

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DSA SUBMITTAL

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TOILET ROOM PLANS AND INTERIOR ELEVATIONS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A7.1 |
| Drawn / Checked | |
| M.N./A.F. / C.P. | |

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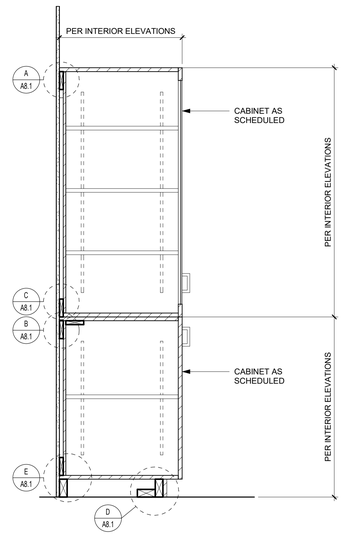
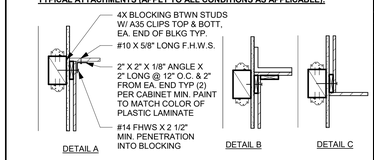
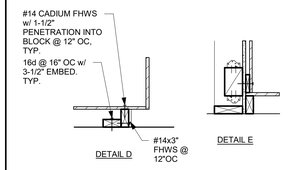



REF: 1 / A8.1

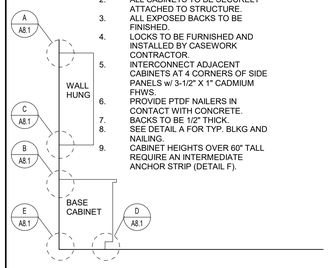
**CASEWORK SECTION - TALL CABINET** 1" = 1'-0" 12

**TYPICAL ATTACHMENTS (APPLY TO ALL CONDITIONS AS APPLICABLE):**

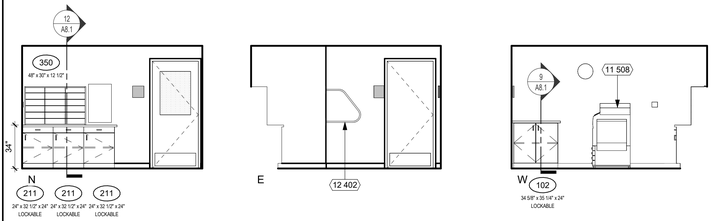


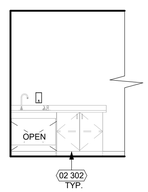

CABINET NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD.
2. ALL CABINETS TO BE SECURELY ATTACHED TO STRUCTURE.
3. ALL EXPOSED BACKS TO BE FINISHED.
4. LOCKS TO BE FURNISHED AND INSTALLED BY CASEWORK CONTRACTOR.
5. INTERCONNECT ADJACENT CABINETS AT 4 CORNERS OF SIDE PANELS w/ 3-1/2" X 1" CADMIUM FHWS.
6. PROVIDE PTDF NAILERS IN CONTACT WITH CONCRETE.
7. BACKS TO BE 1/2" THICK.
8. SEE DETAIL A FOR TYP. BLKG AND NAILING.
9. CABINET HEIGHTS OVER 60" TALL REQUIRE AN INTERMEDIATE ANCHOR STRIP (DETAIL F).



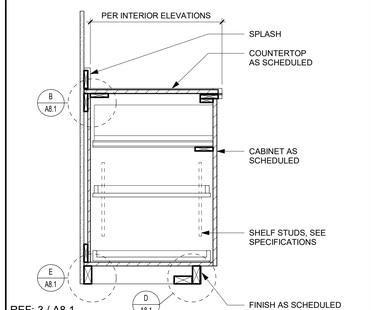

**CASEWORK ANCHORAGE** 1/2" = 1'-0" 7




**OFFICE CASEWORK** 1/4" = 1'-0" 8

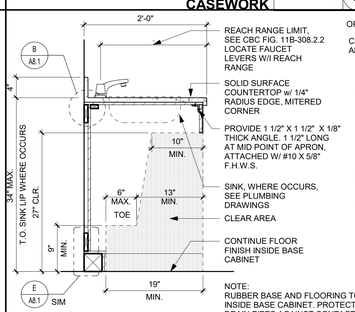



**RELOCATED CLASSROOM CASEWORK** 1/4" = 1'-0" 14

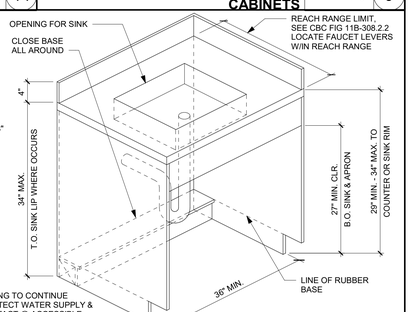



REF: 3 / A8.1

**CASEWORK SECTION -LOWER CABINETS** 1" = 1'-0" 9




NOTE:
RUBBER BASE AND FLOORING TO CONTINUE INSIDE BASE CABINET. PROTECT WATER SUPPLY & DRAIN PIPES AGAINST CONTACT @ ACCESSIBLE STATIONS, TYP.




**CASEWORK - ACCESSIBLE BASE CABINET** 1" = 1'-0" 10

# KEYNOTES

| NUMBER | NOTE |
|---|---|
| 02 302 | (E) CASEWORK AND FIXTURES TO BE CAREFULLY REMOVED AND RELOCATED TO NEW LOCATION PER FLOOR PLAN |
| 11 508 | COPIER, OFOI |
| 12 402 | WALL MOUNTED BIKE RACK (SEE DETAIL 3/A10.10.3) |

# GENERAL NOTES

GENERAL
1. SEE ROOM FINISH SCHEDULE FOR FINISH INFORMATION AND LEGEND.
2. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
3. SEE FLOOR PLAN FOR WALL TYPES AND DOOR NUMBERS
4. FOR SIGNAGE TYPES, SEE CODE ANALYSIS FLOOR PLAN.

FINISHES
1. ALL GYPSUM BOARD CEILINGS AND SOFFITS TO BE P-1, UNLESS NOTED OTHERWISE.
2. ALL EXPOSED STRUCTURAL ROOF FRAMING TO BE PAINTED.
3. ALL ACCENT WALL PAINT TO BE TERMINATED AT EITHER INSIDE CORNER AND/ OR REVEALS.

EQUIPMENT
1. PROVIDE BACKING PLATES OR BLOCKING IN WALLS FOR ALL WALL MOUNTED EQUIPMENT SUCH AS SHELVING, MARKER BOARDS, AND DOOR STOPS. SEE DETAIL16 / A10.10.2
2. ALL MILLWORK TO BE INSTALLED PRIOR TO CARPET (WHERE OCCURS), BUT AFTER PAINT WORK. MILLWORK SHALL BE MOUNTED TO SUB-FLOOR. FOR TYPICAL CASEWORK ANCHORAGE, SEE DETAIL 7 / A8.1

DSA STAMP

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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTINA P. WHITTAKER No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | |

DATE SIGNED: 04/06/2026

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| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

INTERIOR ELEVATIONS & CASEWORK DETAILS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A8.1 |
| Drawn A.F. | Checked C.P. |

PRINT DATE: 4/6/2026 12:00:45 PM
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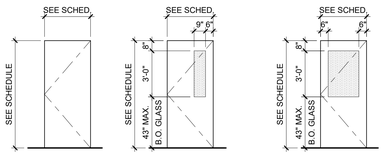
# DOOR SCHEDULE

| MARK | DOOR SIZE PAIR | SIZE PANEL WIDTH | SIZE HT | SIZE THK | DOOR TYPE | DOOR MAT. | DOOR FINISH | DOOR CORE | DOOR GLASS | DOOR RATING | DOOR LOUVER HT | DOOR LOUVER WD | HDW GROUP | HDW PANIC | HDW CLOSER | HDW INT. LOCK | FRAME TYPE | FRAME MTL | FRAME FINISH | FRAME GLASS | FRAME DETAILS HEAD | FRAME DETAILS JAMB | FRAME DETAILS THRESHOLD | FRAME DETAILS OTHER | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3 | - | 3'-0" | 7'-0" | 1 3/4" | A | WD | P2 | SC | - | - | - | - | 04 | - | - | Y | A | HM | P2 | - | 3 / A10.8 | 3 / A10.8 | 5 / A10.8 | | 1" UNDERCUT PER MECH. DWGS |
| 4 | - | 3'-0" | 7'-0" | 1 3/4" | A | WD | P2 | SC | - | - | - | - | 04 | - | - | Y | A | HM | P2 | - | 3 / A10.8 | 3 / A10.8 | 5 / A10.8 | | 1" UNDERCUT PER MECH. DWGS |
| 5 | - | 3'-0" | 7'-0" | 1 3/4" | A | WD | P2 | SC | - | - | - | - | 04 | - | - | Y | A | HM | P2 | - | 3 / A10.8 | 3 / A10.8 | 5 / A10.8 | | 1" UNDERCUT PER MECH. DWGS |
| 6 | - | 3'-0" | 7'-0" | 1 3/4" | B | WD | P2 | SC | SP/T | - | - | - | 03 | - | - | Y | A | HM | P2 | - | 3 / A10.8 | 3 / A10.8 | 5 / A10.8 | | 1" UNDERCUT PER MECH. DWGS |
| 7 | - | 3'-0" | 7'-0" | 1 3/4" | B | WD | P2 | SC | SP/T | - | - | - | 03 | - | - | Y | A | HM | P2 | - | 3 / A10.8 | 3 / A10.8 | 5 / A10.8 | | 1" UNDERCUT PER MECH. DWGS |
| 8 | - | 3'-0" | 6'-8" | 1 3/4" | A | HM | P2 | SC | - | - | - | - | 01 | - | - | Y | B | HM | P2 | TG | 8 / A10.8 | 9 / A10.8 | 10 / A10.8 | | EXTERIOR SIDE OF DOOR TO BE PAINTED SHERWIN WILLIAMS: EVERGREEN SW 6447 |
| 9 | - | 3'-0" | 7'-0" | 1 3/4" | C | WD | P2 | SC | SP/T | - | - | - | 02 | - | - | Y | A | HM | P2 | - | 3 / A10.8 | 3 / A10.8 | 5 / A10.8 | | 1" UNDERCUT PER MECH. DWGS |

# DOOR TYPES

NOTE:
1. DOOR TYPES WITH TWO LETTER DESIGNATIONS INDICATES A PAIR OF THE SINGLE DOOR TYPE DESIGNATION.

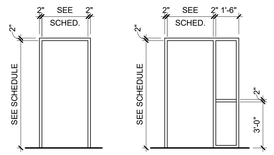



**TYPE A**

**TYPE B**
VISION
B.O. GLASS HEIGHT PER CBC 11B-404.2.11

**TYPE C**
HALF LITE
B.O. GLASS HEIGHT PER CBC 11B-404.2.11

# DOOR FRAME TYPES



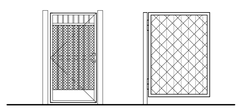

**TYPE A**

**TYPE B**

# GATE SCHEDULE

| MARK | DOOR SIZE PAIR | SIZE PANEL WIDTH | SIZE HT | SIZE THK | DOOR TYPE | DOOR MAT. | DOOR FINISH | DOOR CORE | DOOR GLASS | DOOR RATING | DOOR LOUVER HT | DOOR LOUVER WD | HDW GROUP | HDW PANIC | HDW CLOSER | HDW INT. LOCK | FRAME TYPE | FRAME MTL | FRAME FINISH | FRAME GLASS | FRAME DETAILS HEAD | FRAME DETAILS JAMB | FRAME DETAILS THRESHOLD | FRAME DETAILS OTHER | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G1 | PR | 3'-4" | 8'-0" | 1 1/2" | H | STL | FF | STL | - | - | - | - | | - | - | Y | - | STL | FF | - | - | - | - | 12 / A10.2.2 | |
| G2 | PR | 11'-0" | 8'-0" | 1 1/2" | H | STL | FF | STL | - | - | - | - | | - | - | Y | - | STL | FF | - | - | - | - | 7 / A10.2.2 | |
| G3 | PR | 3'-0" | 6'-0" | 1 1/2" | M | STL | FF | STL | - | - | - | - | | - | - | Y | - | STL | FF | - | - | - | - | 4 / A10.2.2 | |
| G4 | - | 4'-0" | 6'-0" | 1 1/2" | M | STL | FF | STL | - | - | - | - | | - | - | Y | - | STL | FF | - | - | - | - | 3 / A10.2.2 | |

# GATE TYPES



**TYPE H**
ORNAMENTAL

**TYPE M**
CHAIN LINK

# GENERAL NOTES

MATERIALS AND FINISHES
1. MATERIALS, FINISHES AND INSTALLATION OF PRODUCTS REFERENCED IN THE DOOR SCHEDULE SHALL BE IN ACCORDANCE WITH REQUIREMENTS SPECIFIED IN THE RESPECTIVE PRODUCT SECTIONS IN THE PROJECT MANUAL.
2. REFER TO WALL PARTITION TYPES AS INDICATED ON DRAWINGS TO DETERMINE FRAME DEPTH.
3. VERIFY ALL MASONRY OR STUD OPENINGS PRIOR TO FABRICATION OF FRAME, EXACT SIZES AND CONFIGURATIONS OF ALL DOOR AND WINDOW SECTIONS SHALL BE VERIFIED ON THE SITE PRIOR TO FABRICATION.
4. TYPICAL DOOR BEVEL TO BE 1/8" IN 2" U.O.N. BY HARDWARE TEMPLATE REQUIREMENTS.
5. THE BOTTOM 10" OF ALL DOORS, EXCEPT AUTOMATIC AND SLIDING SHALL HAVE SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST. SEE DETAIL 6 / A10.8
6. ADJUST DOOR FRAME OPENING SIZES AS NECESSARY TO REFLECT VARIATIONS IN THE STRUCTURAL SLAB AND VARYING THICKNESS OF THE FLOOR FINISHES.
7. ALL ALUMINUM FRAMES, ALUMINUM STOREFRONT, ALUMINUM DOORS TO BE PAINTED WITH FLUOROPOLYMER PAINT FINISH, COLOR AS SCHEDULED.
8. WEATHERSTRIP ALL EXTERIOR DOORS.
9. FRAMES FOR EXTERIOR DOORS AND WINDOWS SHALL BE SET IN SEALANT.
10. ALL NEW DOORS & WINDOWS SHALL BE IN COMPLIANCE WITH CWUI 2025 SECTION 504.9. ALL EXISTING DOORS IN COMPLIANCE WITH CWUI 2025 SECTION 504.9 PER DSA APP# 02-121161.

GLAZING
1. GLASS TYPES REFERENCED IN DOOR SCHEDULE ARE SPECIFIED IN SECTION 'GLAZING'. ALL GLAZING TO BE TEMPERED. SAFETY GLAZING TO COMPLY WITH CBC SECTION 2406.
2. EXTERIOR GLAZING SHALL COMPLY WITH CWUI 2025 SECTION 504.8

EXITING AND PATH OF TRAVEL
1. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
2. MAXIMUM FORCE TO PUSH OR PULL OPEN A DOOR OR GATE (11B-404.2.9) SHALL NOT EXCEED 5 LBS FOR BOTH INTERIOR AND EXTERIOR DOORS. REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS (66.7 N).
3. ALL REQUIRED EXIT DOORS SHALL BE SIZED NOT LESS THAN 3'-0" WIDE AND 6'-8" HIGH AND BE CAPABLE OF OPENING 90 DEG. AND MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MIN., U.O.N.
4. ALL REQUIRED EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL.
5. THE FLOOR OR LANDING LENGTH ON EACH SIDE OF AN EXIT DOOR SHALL BE LEVEL (<2% MAX. SLOPE) AND CLEAR AT LEAST 60 INCHES IN THE DIRECTION OF THE DOOR SWING (PULL SIDE) AND 48 INCHES ON THE PUSH SIDE, WHEN MEASURED AT RIGHT ANGLES FROM DOOR IN CLOSED POSITION. THE CLEAR WIDTH SHALL EXTEND 24 INCHES BEYOND THE STRIKE ON THE PULL SIDE OF ALL EXTERIOR EXIT DOORS AND 18 INCHES FOR INTERIOR EXIT DOORS. THE CLEAR WIDTH SHALL EXTEND 12 INCHES BEYOND THE STRIKE EDGE OF THE PUSH SIDE OF ALL EXIT DOORS. DOORS SHALL BE EQUIPPED WITH BOTH A LATCH AND CLOSER. SEE DETAIL
6. LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN THE PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVEL-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATED BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.

HARDWARE
1. HAND ACTIVATED HARDWARE SHALL BE BETWEEN 34" AND 44" A.F.F. COORDINATE MOUNTING HEIGHT. DO NOT TO OBSTRUCT DOOR VISION LIGHT WHERE OCCURS.
2. PANIC HARDWARE SHALL BE PROVIDED ON EXIT DOORS SERVING AN OCCUPANT LOAD OF 50 OR MORE. PROVIDE WALL OR FLOOR MOUNTED DOOR STOPS FOR ALL DOORS. LOCATE FLOOR MOUNTED DOOR STOP WITHIN 4" MAX. OF WALL. PROVIDE BACKING AT ALL WALL MOUNTED DOOR STOPS.
3. PROVIDE NON-REMOVABLE PINS ON ALL HINGES ACCESSIBLE FROM THE EXTERIOR.
4. PROVIDE CYLINDER GUARDS ON ALL MORTISED OR RIM TYPE CYLINDER LOCKS WHICH PROJECT BEYOND THE FACE OF THE DOOR.
5. DOOR CLOSERS SHALL CONFORM WITH 2025 CBC 11B-404.2.8.1
6. DOORS TO INCLUDE FACTORY INSTALLED MAGNETIC CONTACTS, 3/8" RECESSED PRESS FIT, COLOR TO MATCH WINDOW FRAME, AT ALL CLASSROOM DOORS, SEE MECHANICAL.
7. ELECTRIFIED HARDWARE: COORDINATE ALL ELECTRICAL REQUIREMENTS WITH DIVISIONS 26 AND 27
8. NEW BUILDINGS SERVING K-12, CONSTRUCTED WITH STATE FUNDS, ON NEW OR EXISTING CAMPUSES WITH INDIVIDUAL ROOMS WITH AN OCCUPANT LOAD OF 5 OR MORE AND BUILDING ENTRANCES SHALL BE EQUIPPED WITH INTERIOR LOCKING DOOR HARDWARE PER AB-211 (EXCEPT PUPIL RESTROOMS). THIS REQUIREMENT APPLIES REGARDLESS OF OCCUPANCY CLASSIFICATION (ADMIN., PRESS BOXES, ETC.), AND IS APPLICABLE TO "LEASE-BACK" PROJECTS. PROVIDE A COPY OF THE MANUFACTURER'S CUT SHEETS AND HARDWARE LISTING FOR REVIEW. (REF: 17075.50 (a) & / A10.8 ED. CODE).
9. KICKPLATES PER HARDWARE GROUPS, SEE DETAIL

# ABBREVIATIONS

**CORE:**
SC SOLID CORE

**DOOR PANEL FINISH:**
FF FACTORY FINISH - BLACK ANODIZED
P# PAINTED - SEE FINISH SCHEDULE

**DOOR / WINDOW FRAME FINISH:**
FF FACTORY FINISH - BLACK ANODIZED
P# PAINTED - SEE FINISH SCHEDULE

**DOOR PANEL / FRAME MATERIAL:**
HM HOLLOW METAL

**HARDWARE:**
P PANIC - SEE ALSO CODE ANALYSIS PLAN

**REMARKS:**
T TEMPERED, CATEGORY II
(CATEGORY I AND II CLASSIFACTIONS PER CBC SECTION 2406)

**GLAZING TYPE (SEE SPECIFICATION SECTION 08 80 00):**
SP SINGLE PANE GLAZING
(1) 1/4" THICK GLAZING PANE
TG 1" INSULATED TEMPERED GLAZING – TWO LAYERS OF ¼" TEMPERED GLASS WITH A ½" AIR GAP IN COMPLIANCE WITH CWUI 2025 SECTION 504.8

FOR SPECIFIC FINISHES REFER TO MATERIAL LEGEND ON ROOM FINISH SCHEDULE SHEET.

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STATE OF CALIFORNIA

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| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

DOOR & GATE SCHEDULE

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A9.1 |
| Drawn: M.N./A.F. | Checked: C.P. |

PRINT DATE: 4/6/2026 12:20:46 PM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

# ROOM FINISH SCHEDULE

| ROOM | | FLOOR | | WALLS | | | | | CASEWORK | | | CEILING | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO. | NAME | MATERIAL | BASE | NORTH (N) | EAST (E) | SOUTH (S) | WEST (W) | WAINSCOT | BASE | UPPER | COUNTER | | |
| 1 | CLASSROOM | LVT/CPT | RB | - | P2 | P2 | - | - | - | - | - | AC1 | |
| 2 | CLASSROOM | CPT | RB | - | - | P2 | P2 | - | - | - | - | AC1 | |
| 3 | RR | SV | RB | FRP/P2 | FRP/P2 | FRP/P2 | FRP/P2 | - | - | - | - | P1 | |
| 4 | RR | SV | RB | FRP/P2 | FRP/P2 | FRP/P2 | FRP/P2 | - | - | - | - | P1 | |
| 5 | STAFF RR | SV | RB | FRP/P2 | FRP/P2 | FRP/P2 | FRP/P2 | - | - | - | - | P1 | |
| 6 | ADMINISTRATIVE OFFICE | CPT | RB | P1 | P1 | P1 | P1 | - | - | - | - | AC1 | |
| 7 | COUNSELING OFFICE | CPT | RB | P1 | P1 | P1 | P1 | - | - | - | - | AC1 | |
| 8 | WORKROOM | LVT | RB | P2 | P1/P2 | P1 | P1 | - | PL | PL | SS | AC1 | |
| 9 | ATTENDANCE SERVICE | CPT | RB | - | P2 | P1 | P1 | - | - | - | - | AC1 | |
| 10 | RECEPTION | LVT | RB | P1 | P1 | P2 | P1 | - | - | - | - | AC1 | |

# GENERAL NOTES

**FINISHES**

1. ALL INTERIOR CORNERS TO HAVE CORNER GUARDS INSTALLED PER DETAIL 12 / A10.10.3
2. ALL FINISHES SHALL COMPLY WITH CBC CHAPTERS 3-8 &10 AND TITLE 19 C.C.R.
3. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL RESTROOMS, MOP SINK AREAS AND WALLS ADJACENT TO ANY SINK OR DRINKING FOUNTAIN WHERE GYPSUM BOARD IS SCHEDULED.
4. DO NOT INSTALL MOISTURE RESISTANT GYPSUM BOARD AT CEILING PLANES.

TILING

1. THINSET CERAMIC WALL TILE OVER STUD FRAMING TO BE OVER 5/8" MOISTURE RESISTANT GYPSUM BOARD.
2. ALL TILE CORNERS TO HAVE TRIM PER DETAIL - / ---
3. CERAMIC TILE AT FLOORS OVER DEPRESSED SLABS AND WITH FLOOR DRAINS SHALL BE FULL SET.

PAINTING

1. ALL INTERIOR WALLS AND CEILINGS TO RECEIVE LEVEL 5 FINISH PER SPECIFICATIONS.
2. ALL ROOMS TO RECEIVE EGG-SHELL SHEEN EXCEPT AT RESTROOMS WHICH SHALL RECEIVE SEMI-GLOSS SHEEN.
3. ALL INTERIOR WALLS PAINT MATCH EXISTING PAINT.
4. EXTERIOR WALL FINISHES TO RECEIVE FLAT SHEEN, U.O.N.
5. EXTERIOR STEEL, HM FRAMES AND METAL FLASHINGS TO RECEIVE SEMI-GLOSS SHEEN.

# BASE MATERIAL LEGEND

| SYMBOL | MATERIAL | BASIS OF DESIGN MANUFACTURER | STYLE/COLOR |
|---|---|---|---|
| RB | 4" RUBBER BASE | ROPPE | BEIGEWOOD |

# CEILING MATERIAL LEGEND

| SYMBOL | MATERIAL | BASIS OF DESIGN MANUFACTURER | STYLE/COLOR |
|---|---|---|---|
| AC1 | 2 X 4 SUSPENDED ACOUSTICAL CEILING PANELS | MATCH TO EXISTING | MATCH TO EXISTING |
| P1 | SEMI-GLOSS PAINT | SHERWIN WILLIAMS | SW0053 PORCELAIN |

# FLOOR MATERIAL LEGEND

| SYMBOL | MATERIAL | BASIS OF DESIGN MANUFACTURER | STYLE/COLOR |
|---|---|---|---|
| CPT | CARPET TILE | MOHAWK | FIRST ONE UP-889 IMMEDIATE |
| SV | SHEET VINYL | MANNINGTON | BIOSPEC ARMMOR - OR102 PEPPERCORN |
| LVT | LUXURY VINYL TILE | ALADDIN COMMERICAL | BENTWOOD - 848 WYNDALE |
| WM | WALK OFF TILE | MOHAWK | STEP UP II - WALK OFF TILE - IRON ORE |

# CASEWORK MATERIAL LEGEND

| SYMBOL | MATERIAL | BASIS OF DESIGN MANUFACTURER | STYLE/COLOR |
|---|---|---|---|
| PL | PLASTIC LAMINATE | FORMICA | 8849-58 NATURAL TEAK |
| SS | SOLID SURFACE COUNTERTOP | CORIAN | WHISPER |

# WALL MATERIAL LEGEND

| SYMBOL | MATERIAL | BASIS OF DESIGN MANUFACTURER | STYLE/COLOR |
|---|---|---|---|
| FRP | FIBERGLASS REINFORCED PANELS WITH ALUMINUM TRIM | MARLITE | S490N - LIGHT GREY |
| P1 | PAINT | SHERWIN WILLIAMS | SW0053 PORCELAIN |
| P2 | PAINT | SHERWIN WILLIAMS | SW6066 SAND TRAP |
| TAC | TACKBOARD | FORBO | DUCK EGG |

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ARCHITECT | ENGINEER

LICENSED ARCHITECT
CHRISTOPHER P. WHITTEMORE
No. C 30345
Ren. 9/30/27
STATE OF CALIFORNIA
DATE SIGNED: 04/06/2026

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|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

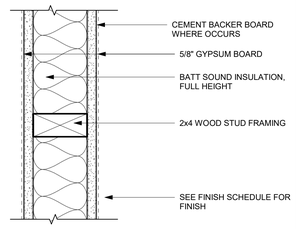
DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

ROOM FINISH SCHEDULE

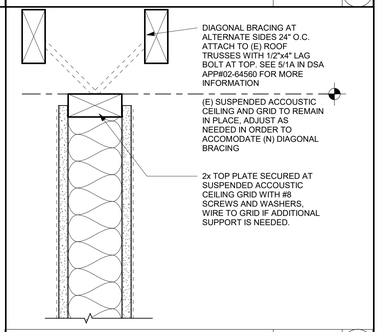
| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A9.2 |
| Drawn / Checked | |
| A.F. / C.P. | |

PRINT DATE: 4/6/2026 12:00:47 PM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

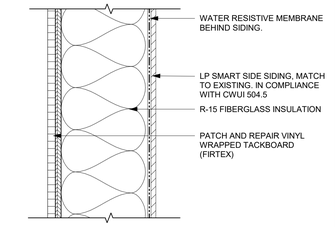



NOTES:
1. WALLS TO EXTEND 6" ABOVE EXISTING CEILING HEIGHT, WITH GYPSUM BOARD AND INSULATION FULL HEIGHT.

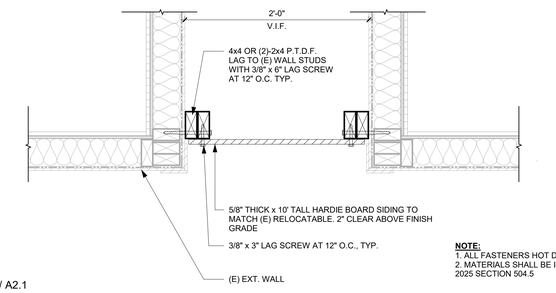
**INTERIOR WALL ASSEMBLY** 3" = 1'-0" 1




**BRACING AT TOP OF WALL** 3" = 1'-0" 2




**EXTERIOR WALL ASSEMBLY** 3" = 1'-0" 3




REF: 17 / A2.1

**NOTE:**
1. ALL FASTENERS HOT DIP GALVANIZED
2. MATERIALS SHALL BE IN COMPLIANCE WITH CWUI 2025 SECTION 504.5

**CLOSURE PANEL DETAIL** 1 1/2" = 1'-0" 4

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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTOPHER PUTTKAMER No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA<br>DATE SIGNED: 04/06/2026 | |

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| ● DSA BACK CHECK | 04/06/2026 |
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| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

# HONEY RUN ACADEMY RELOCATED PORTABLES

622 PEARSON ROAD,
PARADISE, CA, 95969

## WALL TYPES

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.1 |
| Drawn / Checked | |
| A.F. / C.P. | |

PRINT DATE: 4/6/2026 12:00:48 PM
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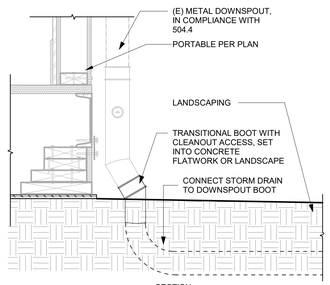
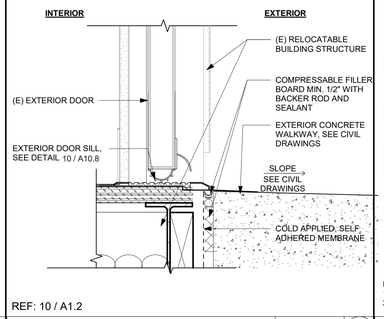
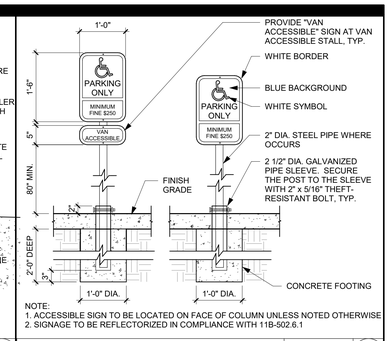



**DOWNSPOUT TO STORM DRAIN** 1 1/2" = 1'-0" 11



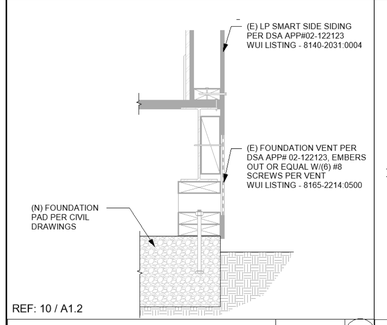

REF: 10 / A1.2

**EXTERIOR WALL AT DOOR** 3" = 1'-0" 6



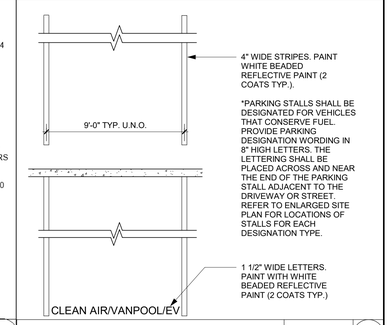

NOTE:
1. ACCESSIBLE SIGN TO BE LOCATED ON FACE OF COLUMN UNLESS NOTED OTHERWISE
2. SIGNAGE TO BE REFLECTORIZED IN COMPLIANCE WITH 11B-502.6.1

**ACCESSIBLE STALL SIGNAGE** 3/4" = 1'-0" 1

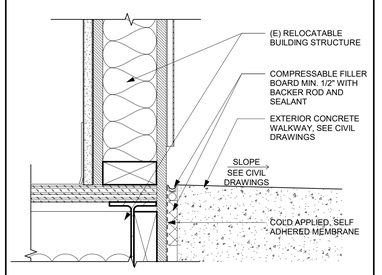



REF: 10 / A1.2

**EXTERIOR WALL AT VENT** 1 1/2" = 1'-0" 7

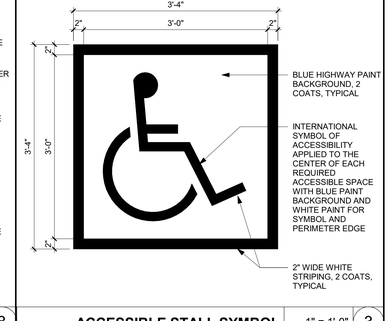



**TYPICAL STALL MARKING** 1/4" = 1'-0" 2

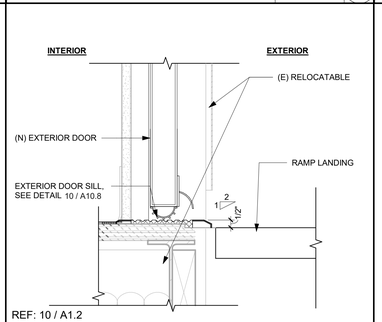



REF: 10 / A1.2

**EXTERIOR WALL AT SIDEWALK** 3" = 1'-0" 8

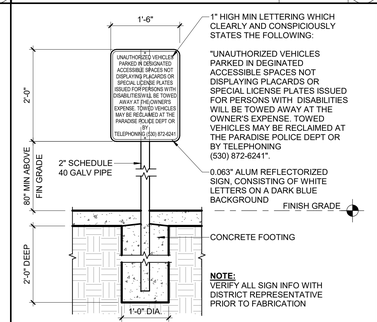



**ACCESSIBLE STALL SYMBOL** 1" = 1'-0" 3

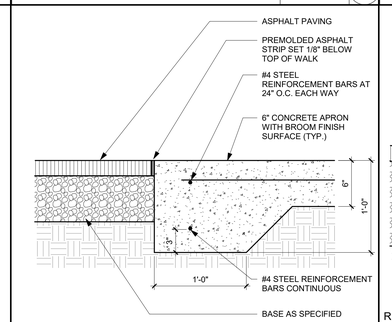



REF: 10 / A1.2

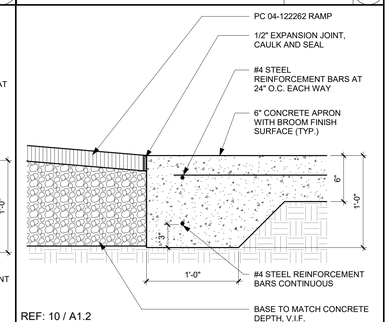
**EXTERIOR DOOR AT RAMP** 3" = 1'-0" 9




**TOW AWAY SIGN** 3/4" = 1'-0" 4




**CONCRETE TRANSITION** 1 1/2" = 1'-0" 10




REF: 10 / A1.2

**CONCRETE TO RAMP TRANSITION** 1 1/2" = 1'-0" 5

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DATE SIGNED: 04/06/2026

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| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

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HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

SITE DETAILS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.2.1 |
| Drawn A.F. / Checked C.P. | |

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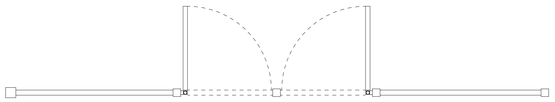
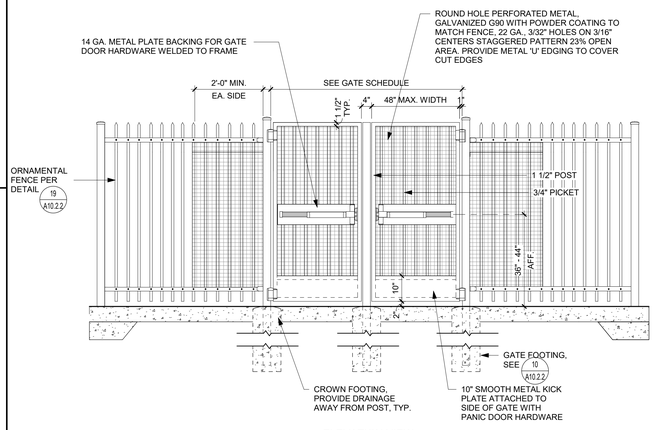


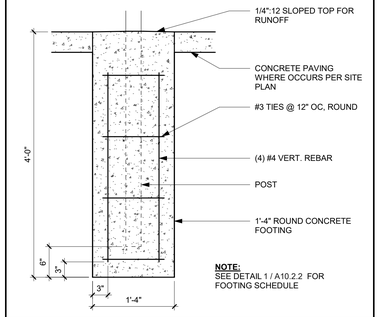




ELEVATION VIEW

NOTES:

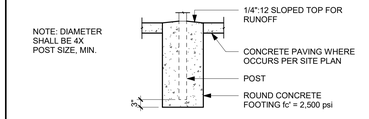
1. GRIND SMOOTH ALL WELDED JOINTS
2. FOR GATE INFORMATION, SEE GATE SCHEDULE ON SHEET A9.1
3. ANY CAVITIES CREATED BY ADDING THE KICK PLATE SHALL BE CAPPED PER CBC 11B-404.2.10
4. FOR PULL SIDE ELEVATION SEE DETAIL 13 A10.2.2

**ORNAMENTAL DOUBLE GATE** 1/2" = 1'-0" 12




**NOTE:**
SEE DETAIL 1 / A10.2.2 FOR FOOTING SCHEDULE

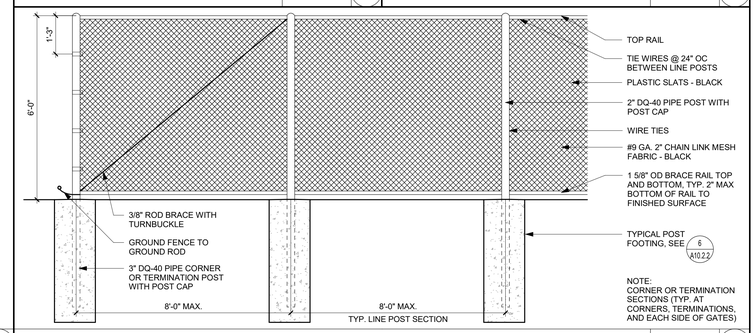
**POST FOOTING - REINFORCED** 1" = 1'-0" 6




| CHAIN LINK: 6'-0" HIGH | |
|---|---|
| **TYPE** | **POST FOOTING** |
| CORNER, END, AND PULL POSTS | 39" x 14" DIA. |
| LINE POSTS | 36" x 12" DIA. |
| GATE AND LATCH POSTS: 3'-0" TO 5'-0" WIDE | 48" x 14" DIA. |
| GATE AND LATCH POSTS: 10'-0" WIDE | 48" x 18" DIA. |
| GATE AND LATCH POSTS: 12'-0" WIDE | 48" x 26" DIA. |

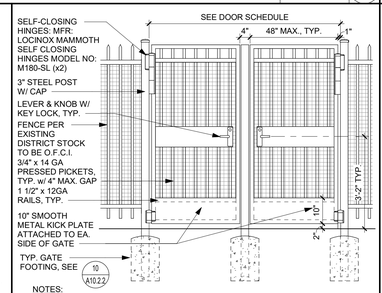
| ORNAMENTAL: 6'-0" HIGH | |
|---|---|
| **TYPE** | **POST FOOTING** |
| SINGLE GATE: 4'-0" WIDE | 4'-8" x 14" Ø |
| SINGLE GATE: 5' TO 11'-11" WIDE | 5'-6" x 24" Ø |
| TERMINAL OR LINE POST OR GATE STOP | 2'-6" x 14" Ø |

**FENCE FOOTING SCHEDULE** 1/2" = 1'-0" 1




NOTE:
CORNER OR TERMINATION SECTIONS (TYP. AT CORNERS, TERMINATIONS, AND EACH SIDE OF GATES)

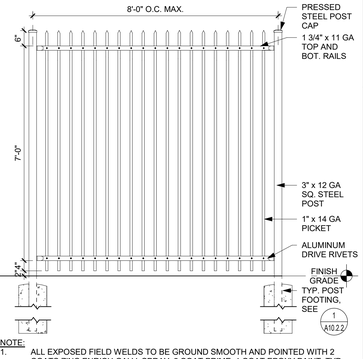
**CHAIN LINK FENCE TYPICAL ELEVATION** 1/2" = 1'-0" 2




NOTES:

1. REFER TO HARDWARE GROUP IN SPECIFICATIONS FOR DETAILS
2. ANY CAVITIES CREATED BY ADDING THE KICK PLATE SHALL BE CAPPED PER CBC 11B-404.2.10

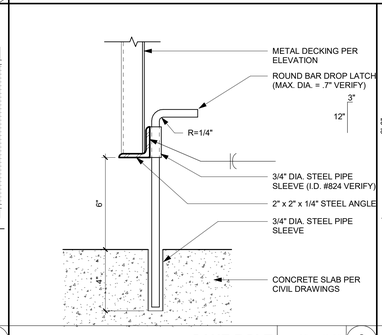
**ORNAMENTAL DOUBLE GATE - PULL SIDE ELEVATION** 1/2" = 1'-0" 13



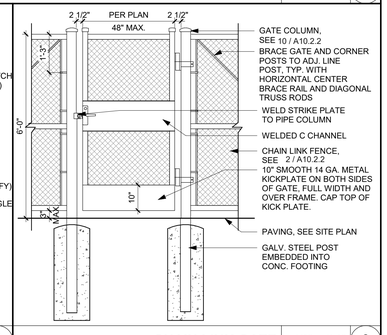

NOTE:

1. ALL EXPOSED FIELD WELDS TO BE GROUND SMOOTH AND POINTED WITH 2 COATS ZINC ENRICH GALV. SPRAY, 2 COAT PRIME, 1 COAT EPOXY PAINT, TYP. TO MATCH SHOP COLOR
2. FENCING MATERIAL TO BE PROVIDED BY DISTRICT

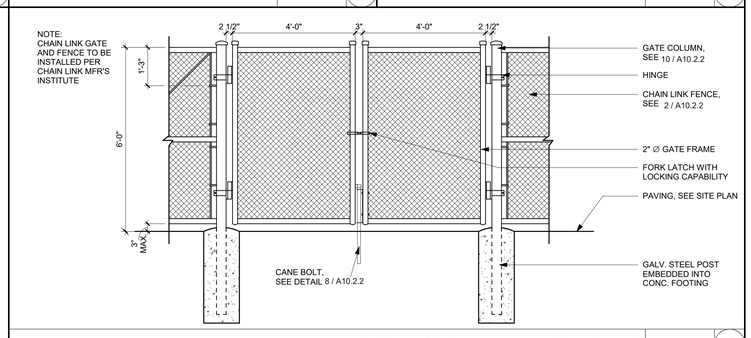
**ORNAMENTAL FENCE TYPICAL ELEVATION** 1/2" = 1'-0" 19



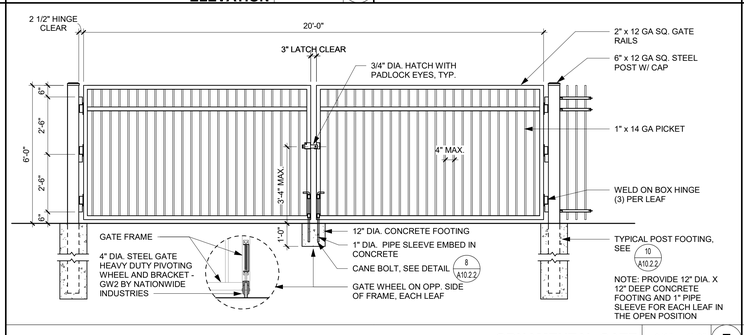

**CANE BOLT** 3" = 1'-0" 8




**CHAIN LINK GATE** 1/2" = 1'-0" 3

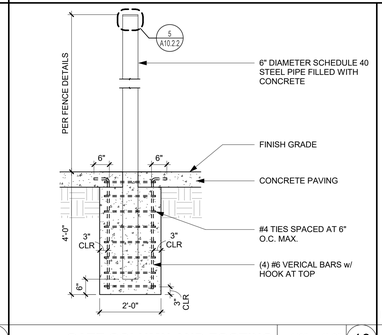



**MAINTENANCE CHAIN LINK GATE - DOUBLE** 1/2" = 1'-0" 4

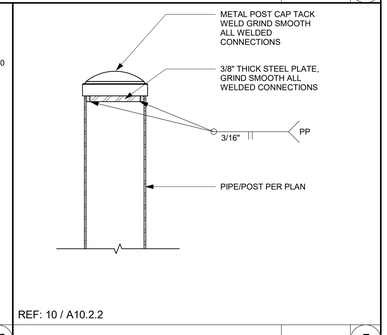



NOTE: PROVIDE 12" DIA. X 12" DEEP CONCRETE FOOTING AND 1" PIPE SLEEVE FOR EACH LEAF IN THE OPEN POSITION

**ORNAMENTAL GATE** 3/8" = 1'-0" 7




**GATE COLUMN AND FOOTING** 1/2" = 1'-0" 10




REF: 10 / A10.2.2

**METAL COLUMN CAP** 3" = 1'-0" 5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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTOPHER PUNTHASEN No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | |

DATE SIGNED: 04/06/2026

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| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

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6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

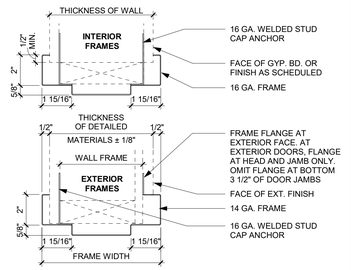
HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

SITE DETAILS - FENCING

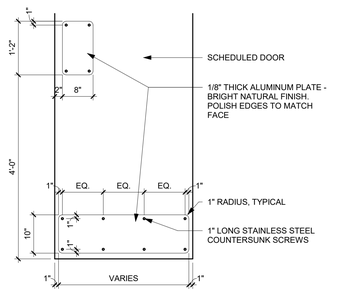
| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.2.2 |
| Drawn A.F. | Checked C.P. |

PRINT DATE: 4/6/2026 12:00:30 PM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044 Paradise USD Honey Run-A23.rvt

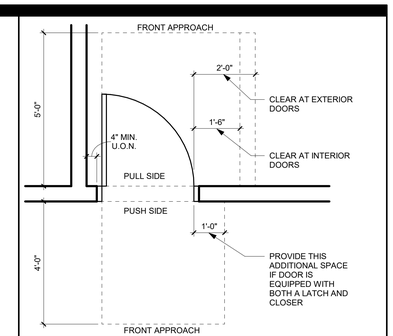
LOCATION OF WELDED ANCHORS AND ATTACHMENTS:
1. JAMBS: 6" FROM TOP OF FRAME, 9" FROM BOTTOM OF FRAME, 24" MAX. O.C.
2. HEAD: 6" FROM EACH END OR FRAME, 24" MAX. O.C.
3. FOR FURTHER HM FRAME DETAILS SEE 2 / A10.8



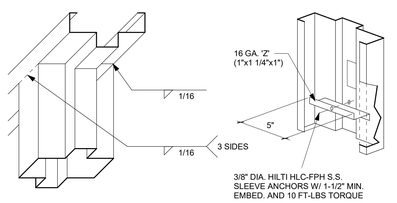

**TYPICAL HM FRAMES** 3" = 1'-0" 11




**ALUM. KICK & PUSH PLATES** 3/4" = 1'-0" 6




**TYPICAL DOOR CLEARANCES** 1/2" = 1'-0" 1




TYP. MULLION & HEAD WELD — D

NOTE:
FOR ADDITIONAL INSTALLATION INFORMATION, SEE SPECIFICATIONS

BOLT-IN-Z — C

3 ANCHORS PER JAMB. NOT TO EXCEED 24" O.C. PUNCH AND DIMPLE FOR 3/8" BOLTS AND PROVIDE 'Z' SPACERS AT EA. BOLTS, SHIELDS, SHIMS, ETC.AND 2 AT HEAD, NOT TO EXCEED 24" O.C. FOR CONNECTION AT CONCRETE PLINTH

FLOOR CLIP — B

STUD CAP — A

ANCHOR SPACING PER TYPICAL HM FRAMES DETAIL 11 / A10.8
SEE FLOOR PLAN FOR STUD SIZES.
OVERLAP HM FRAME AND GYP. BD. BY 1/2"

**NOTES:**
1. REFER TO PROFILES.
2. ALL HOLLOW METAL FRAME/JAMBS SHALL BE CUT FOR STANDARD UNIT LOCK STRIKES 3/4" HIGH.
3. FRAME DIMENSIONS ARE FROM FINISH PAVING. FRAME DIMENSIONS MAY VARY DUE TO FINISH MATERIALS.
4. SEE 'RATING' ON DOOR SCHEDULE FOR REQUIRED RATED DOORS.
5. VERIFY ALL DOOR AND FRAME OPENING SIZES AND WALL AND DOOR FRAME WIDTHS ON SITE.
6. PER CBC 715.4, APPROVED FIRE DOOR HARDWARE AND FIRE DOOR FRAMES INCLUDING THE ANCHORAGE THEREOF SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING.
7. ADHERE TO UL 10C OR NFPA 252 FOR INSTALLATION OF DOOR FRAMES.
8. UNDERCUT ALL DOORS TO CLEAR FLOOR FINISH BY 1/4" EXCEPT AT RATED DOORS

**TYPICAL HM DOOR AND FRAME DETAILS** 12" = 1'-0" 2

1. INDIVIDUALLY FLASH ALL EXTERIOR OPENINGS FOR FIXTURES SUCH AS WINDOWS, DOORS, AND VENTS TO MAKE THEM WATER TIGHT. PENETRATION FLASHING MATERIAL SHALL BE BARRIER COATED REINFORCED AND SHALL PROVIDE 4 HOUR MIN. PROTECTION FROM WATER PENETRATION WHEN TESTED IN ACCORDANCE WITH ASTM D-779. SEALANT SHALL COMPLY TO FF T-S- 1657. IN HIGH WIND AREAS A WATERPROOF SHEET MEMBRANE SHALL BE USED OVER SOLID BACKING.
2. APPROVED FLASHING MATERIAL SHALL BE AT LEAST 9" WIDE. FLASHING SHALL BE APPLIED IN A WEATHERBOARD FASHION AROUND THE FULL PERIMETER OF THE OPENING.
3. APPLY THE FIRST STRIP HORIZONTALLY IMMEDIATELY BELOW THE SILL, CUT IT SUFFICIENTLY LONG TO EXTEND PAST EACH SIDE OF THE WINDOW, SO THAT IT PROJECTS BEYOND THE VERTICAL FLASHING TO BE APPLIED LATER. FASTEN THE TOP EDGE OF THE SILL FLASHING TO THE FRAMING, BUT DO NOT FASTEN THE LOWER EDGE, SO THE WEATHER-RESISTIVE BARRIER APPLIED LATER MAY BE SLIPPED UP AND UNDERNEATH THE FLASHING IN WEATHERBOARD FASHION. (**SEE FIGURE A**)
4. NEXT, FASTEN STRIPS OF FLASHING AT EACH VERTICAL EDGE (JAMB) OF THE OPENING, RUN THIS FLASHING BEYOND THE SILL FLASHING AND ABOVE WHERE THE HEAD FLASHING WILL INTERSECT. (**SEE FIGURE B**)
5. APPLY A CONTINUOUS SEAL TO THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE NEAR THE OUTER EDGE OR A CONTINUOUS SEAL TO THE PERIMETER OF THE OPENING AT A POINT TO ENSURE CONTACT WITH THE BACKSIDE (INTERIOR) OF THE MOUNTING FLANGE. (**SEE FIGURE C**)
6. FOR FIXTURES WITHOUT A NAIL-ON-FLANGE THE FLASHING SHALL BE 12" MIN. WIDE AND EXTEND INTO THE ROUGH FRAME AT THE SILL AND JAMB IN A WEATHERBOARD FASHION.
7. THE FIXTURE SHALL THEN BE INSTALLED.
8. NEXT, APPLY A CONTINUOUS SEAL AT THE TOP (HEAD) MOUNTING FLANGE OR G.S.M. HEAD FLASHING AND EMBED THE BOTTOM OF THE HEAD FLASHING OVER THE SEALANT AND THE MOUNTING FLANGE OR G.S.M. FLASHING. CUT THIS FLASHING SUFFICIENTLY LONG SO THAT IT WILL EXTEND BEYOND EACH JAMB FLASHING. FASTEN IN PLACE. (**SEE FIGURE D**)
9. APPLY REMAINING WEATHER-RESISTIVE BARRIER IN A WEATHERBOARD FASHION WITH THE SILL FLASHING LAPPING OVER THE TOP, AND THE HEAD AND JAMB FLASHING BELOW.
10. BASED UPON INDUSTRY STANDARDS APPROVED BY THE CALIFORNIA ASSOCIATION OF WINDOW MANUFACTURERS, (CAWM).

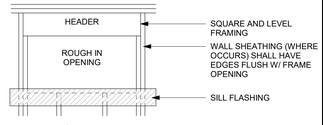



FIGURE A

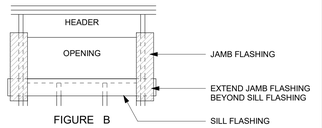



FIGURE B

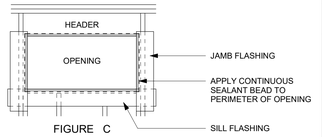



FIGURE C

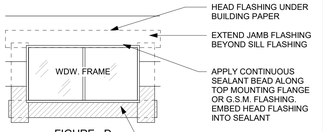
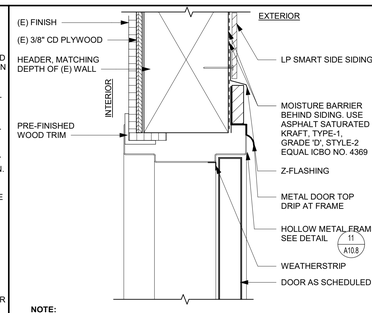


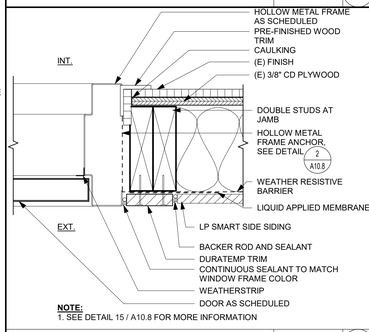

FIGURE D

**FLASHING AT EXT. WALL OPENINGS** 1/4" = 1'-0" 15




**NOTE:**
1. SEE DETAIL 15 / A10.8 FOR MORE INFORMATION

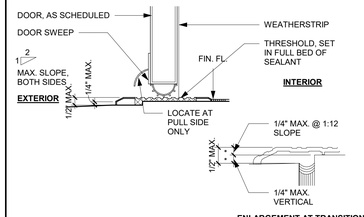
**HEAD AT EXTERIOR DOOR** 3" = 1'-0" 8



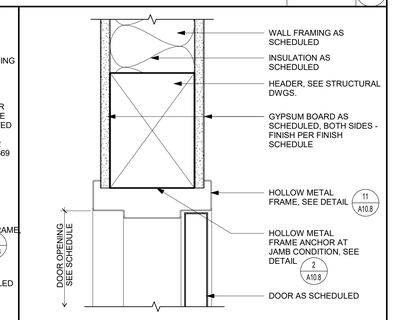

**NOTE:**
1. SEE DETAIL 15 / A10.8 FOR MORE INFORMATION

**JAMB AT EXTERIOR DOOR** 3" = 1'-0" 9

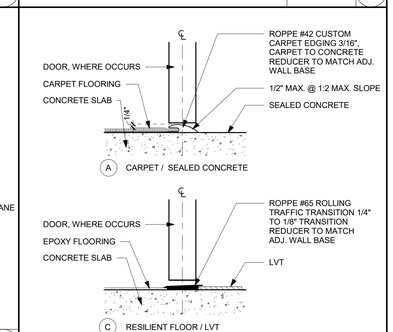
**NOTE:**
MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS. FOR INTERIOR AND EXTERIOR DOORS, 15 LBS. FOR FIRE DOORS. DOOR CLOSERS, IF PRESENT, MUST BE SET SO THAT IT TAKES DOOR AT LEAST 5 SECONDS TO CLOSE FROM AN OPEN POSITION OF 90 DEGREES TO WITHIN 12 DEGREES OF THE LATCH.




**SILL AT EXTERIOR DOOR** 3" = 1'-0" 10




**HEAD/JAMB AT INTERIOR DOOR** 3" = 1'-0" 3




**NOTE: REFER TO ROOM FINISH SCHEDULE FOR INDIVIDUAL ROOM FLOOR FINISHES**

**INTERIOR FLOOR TRANSITIONS** 3" = 1'-0" 5

DSA STAMP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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTOPHER P. WHITTEMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | |

DATE SIGNED: 04/06/2026

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

DOOR DETAILS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.8 |
| Drawn / Checked | |
| A.F. / C.P. | |

PRINT DATE: 4/6/2026 12:00:52 PM
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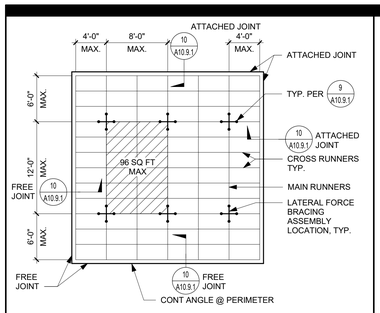
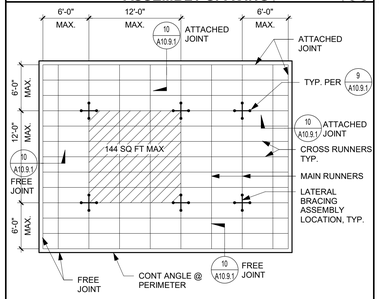



NOTE: BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 96 SQ. FT. MAX. IN ROOMS OVER 144 SQ. FT.

DSA IR 25-2 #2.11

## TYP. CEILING PLAN - 8'x12' BRACE ASSEMBLY SPACING

1/8" = 1'-0" | 6B

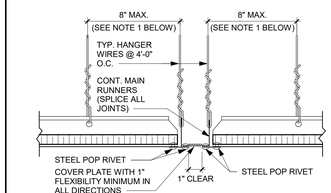



NOTE: BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 144 SQ. FT. MAX. IN ROOMS OVER 144 SQ. FT.

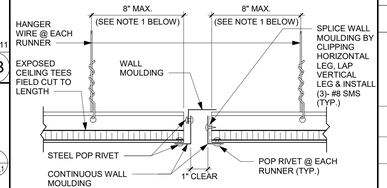
DSA IR 25-2 #2.12

## TYP. CEILING PLAN - 12'x12' BRACE ASSEMBLY SPACING

1/8" = 1'-0" | 6C




**SEISMIC SEPARATION JOINT**




**ALTERNATE SEISMIC SEPARATION JOINT**

NOTES:
1. DETAIL APPLIES TO SEISMIC SEPARATION JOINT AT CONTINUOUS CEILING AREAS EXCEEDING 2500 SQ. FT. SEE CEILING PLANS FOR LOCATION.
2. PROVIDE #12 GAUGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA.
3. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.

DSA IR 25-2 #2.45

## SEISMIC SEPARATION JOINT

3" = 1'-0" | 22

**COMPRESSION STRUT TABLE**

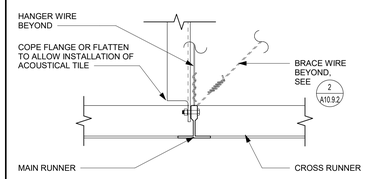
| EMT COMPRESSION STRUT | MAXIMUM LENGTH |
|---|---|
| 1/2" DIAMETER EMT (0.042" WALL THICKNESS) | 3'-11" |
| 3/4" DIAMETER EMT (0.049" WALL THICKNESS) | 6'-4" |
| 1" DIAMETER EMT (0.057" WALL THICKNESS) | 9'-9" |
| 1 1/4" DIAMETER EMT (0.065" WALL THICKNESS) | 12'-9" |
| 1 1/2" DIAMETER EMT (0.065" WALL THICKNESS) | 14'-9" |
| 2" DIAMETER EMT (0.065" WALL THICKNESS) | 18'-10" |

| CHANNEL COMPRESSION STRUT | MAXIMUM LENGTH |
|---|---|
| 250S125-33 | 5'-0" |
| 250S137-33 | 6'-10" |
| 362S137-33 | 8'-0" |
| 250S137-43 | 8'-10" |
| 400S137-43 | 10'-10" |

DSA IR 25-2 #3.21

## COMPRESSION STRUT TABLE

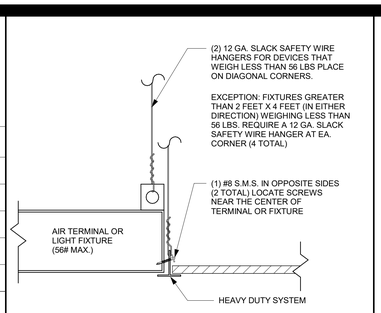
3" = 1'-0" | 17




DSA IR 25-2 #3.10A

## CHANNEL TYPE STRUT

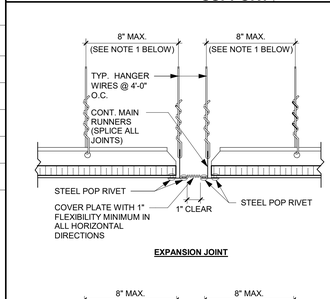
1 1/2" = 1'-0" | 18



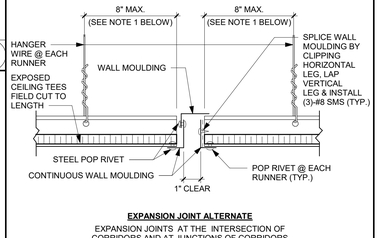

DSA IR 25-2 #2.80

## LUMINAIRE / AIR TERMINAL SUPPORT

3" = 1'-0" | 11




**EXPANSION JOINT**




**EXPANSION JOINT ALTERNATE**

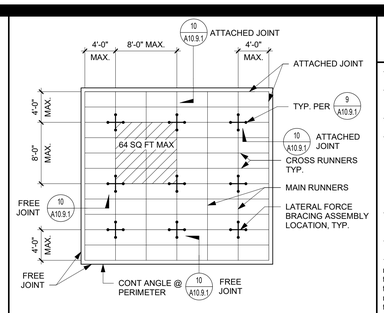
EXPANSION JOINTS AT THE INTERSECTION OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS AND LOBBIES OR OTHER SIMILAR AREAS

NOTES:
1. DETAIL APPLIES TO EXPANSION JOINTS AT THE INTERSECTION OF CORRIDORS AND AT THE JUNCTIONS OF CORRIDORS AT LOBBIES AND OTHER SIMILAR AREAS.
2. PROVIDE #12 GAUGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.

DSA IR 25-2 #2.40

## EXPANSION JOINT AT INTERSECTIONS

3" = 1'-0" | 13

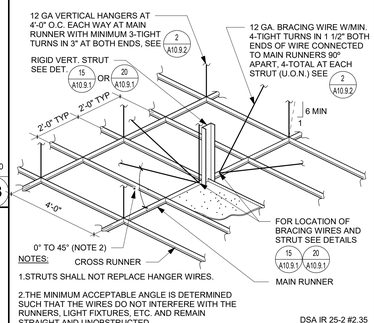



NOTE: BRACING WIRES AND COMP. STRUT SHALL OCCUR AT EVERY 64 SQ. FT. MAX. IN ROOMS OVER 144 SQ. FT.

DSA IR 25-2 #2.10

## TYP. CEILING PLAN - 8'x8' BRACE ASSEMBLY SPACING

1/8" = 1'-0" | 6A

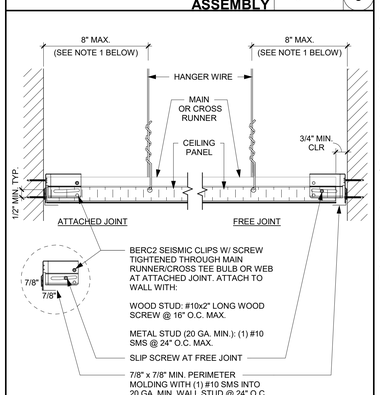



NOTES:
1. STRUTS SHALL NOT REPLACE HANGER WIRES.
2. THE MINIMUM ACCEPTABLE ANGLE IS DETERMINED SUCH THAT THE WIRES DO NOT INTERFERE WITH THE RUNNERS, LIGHT FIXTURES, ETC. AND REMAIN STRAIGHT AND UNOBSTRUCTED.

DSA IR 25-2 #2.35

## SUSPENSION AND BRACING ASSEMBLY

3" = 1'-0" | 9

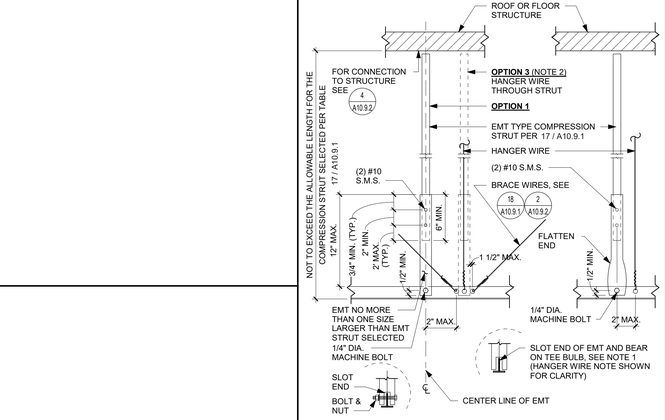



NOTES:
1. PROVIDE #12 GAUGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LESS, FOR THE PERIMETER OF THE CEILING AREA. PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.

DSA IR 25-2 #2.60

## CEILING PERIMETER

3" = 1'-0" | 10

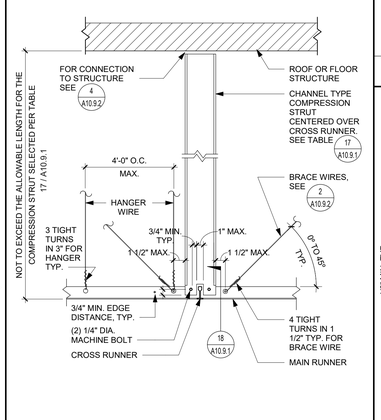



NOTES:
1. MACHINE BOLT IS NOT REQUIRED ON OPTION 3.
2. OPTION 3 IS PERMITTED ONLY WHERE THE ROOF OR FLOOR STRUCTURE IS SAWN TIMBER WITHOUT GYPSUM BOARD.

DSA IR 25-2 #3.20

## EMT TYPE STRUT

1 1/2" = 1'-0" | 20




DSA IR 25-2 #3.10

## CHANNEL TYPE STRUT

1 1/2" = 1'-0" | 15

# ACOUSTICAL CEILING NOTES

DSA IR-25-2.13 - APPENDIX A (rev 03/18/22)

1. CEILING SYSTEM COMPONENTS:

1.01 Ceiling system components shall comply with ASTM C635 and Section 5.1 of ASTM E580.

1.02 The ceiling grid system must be rated **heavy duty** as defined by ASTM C635.

1.03 Ceiling systems. The following ceiling system(s) is/are part of the scope of this project:
Manufacturer's Name: **Armstrong**
Product Name: **Prelude XL (15/16" Exposed Tee System)**
Evaluation Report Type and Number: **ICC-ES, ESR-1308**
Main Runner Part, Model, or Catalog Number: **7301**
Cross Runner Part, Model, or Catalog Number: **XLT341 4 ft cross tee and L7328 2 ft cross tee**

1.04 Seismic Wall Clip:
Manufacturer's Model: **BERC-2 clip (Beam End Retaining Clip)**

1.05 Ceiling panels shall not support any light fixtures, air terminals or devices.

1.06 For ceiling installations utilizing acoustical tile panels of mineral or glass fiber, it is not mandatory to provide ¾" clearance between the acoustical tile panels and the wall on the sides of the ceiling which are free to slip. For all other ceiling panel types, provide ¾" clearance between the ceiling panel and the wall on the sides of the ceiling free to slip. Clearance between ceiling grid runners/members and walls shall comply with the details on these drawings regardless of ceiling tile material.

2. MATERIALS:

2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641. Wire shall be #12 gauge (0.106" diameter) with soft temper and minimum ultimate tensile strength = 70 ksi.

2.02 Galvanized sheet steel (including that used for metal stud and track compression struts/post) shall conform to ASTM A653, or other equivalent sheet steel listed in Section A3.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members. (AISI S100). Material 43 mil (18 gauge) and lighter shall have minimum yield strength of 33 ksi. Material 54 mil (16 gauge) and heavier shall have a minimum yield strength of 50 ksi.

2.03 Electrical metallic tube (EMT) shall be ANSI C80.3/UL 797 carbon steel with G90 galvanizing. EMT shall have minimum yield strength ($F_y$) of 30 ksi and minimum ultimate strength ($F_u$) of 48 ksi.

3. ATTACHMENT OF HANGER AND BRACING WIRES:

3.01 Separate all ceiling hanger and bracing wires at least six (6) inches from all un-braced ducts, pipes, conduit, etc.

3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to: piping, ductwork, conduit and equipment.

3.03 Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.

3.04 Slack safety wires shall be considered hanger wires for installation and testing requirements.

3.05 Hanger and bracing wire anchorage to the structure shall be installed in such a manner that the direction of the anchorage aligns closely with the direction of the wire. (e.g. bracing wire ceiling clips must be bent as shown in the details and rotated as required to align closely with the direction of the wire, screw eyes in wood must be installed so they align closely with the direction of the wire, etc.)

4. FASTENERS AND WELDING:

4.01 Sheet metal screws shall comply with ASTM C1513, ASME B18.6.3. Penetration of screws through joined material shall not be less than three exposed threads.

4.02 Expansion anchors shall be: **HILTI KB-TZ2 ANCHOR ICC NO. ESR 4266**

4.03 Power-Actuated Fasteners shall be one of the following:
**A. HILTI, INC.**
**1. 0.145 DIA. PAF X-CR INTO STEEL BASE MATERIAL - ICC NO. ESR 1663**
**2. 0.138 DIA. PAF X-CR INTO CONCRETE BASE MATERIAL - ICC NO. ESR 1663**

4.04 If not otherwise specified in the evaluation report, power-actuated fasteners installed in steel shall be installed so the entire pointed end of the fastener is driven through the steel member.

4.05 Power-actuated fasteners in concrete or masonry are not permitted for bracing wires.

4.06 Concrete reinforcement and prestressing tendons shall be located by non-destructive means prior to installing post-installed anchor.

4.07 Welding shall be in accordance with AWS D1.3 using E60XX series electrodes.

5. TESTING:

5.01 All field testing must be performed in the presence of the project inspector.

5.02 Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power actuated fasteners in concrete shall be field tested for 200 pounds in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1910A.5.

5.03 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1910A.5.

6. LUMINAIRES:

6.01 All luminaires shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the fixture. A minimum of two screws or approved fasteners are required at each light fixture, per ASTM E580, Section 5.3.1.

6.02 Surface-mounted luminaires shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and be made of steel with a minimum thickness of #14 gauge. Rotational spring catches do not comply. A #12 gauge slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when a luminaire is 8 feet or longer or exceeds 56 pounds Maximum spacing between supports shall not exceed 8 feet.

6.03 Luminaires weighing less than or equal to 10 pounds may be supported directly on the ceiling runners, shall haev a minimum of one #12 gauge slack safety wire connected from the fixture housing to the structure above.

6.04 Luminaires weighing greater than 10 pounds but less than or equal to 56 pounds may be supported directly on the ceiling runners, but they shall have a minimum of two #12 gauge slack safety wires connected from the fixture housing at diagonal corners to the structure above.

Exception: All luminaires greater than two by four feet weighing less than 56 pounds shall have a #12 gauge slack safety wire at each corner.

6.05 All luminaires weighing greater than 56 pounds shall be independently supported by not less than four taut #12 gauge hanger wires (one at each corner) attached from the fixture housing to the structure above or other approved hangers. The four taut #12 gauge wires or other approved hangers, including their attachment to the structure above, shall be capable of supporting four times the weight of the fixture.

7. SERVICES WITHIN THE CEILING:

7.01 All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or approved fasteners are required. A minimum of two attachments are required at each component.

7.02 Ceiling-mounted air terminals or other services weighing less than or equal to 20 pounds shall have one #12 gauge slack safety wire attached from the terminal or service to the structure above.

7.03 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 pounds but less than or equal to 56 pounds shall have two #12 gauge slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.

7.04 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 pounds shall be supported directly from the structure above by not less than four taut #12 gauge hanger wires attached from the terminal or service to the structure above or other approved hangers.

8. OTHER DEVICES WITHIN THE CEILING:

8.01 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 pounds shall have a #12 gauge slack safety wire anchored to the structure above. Devices weighing more than 20 pounds shall be supported independently from the structure above.

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| ARCHITECT | ENGINEER |
|---|---|

LICENSED ARCHITECT CHRISTINA P. WHITMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA
DATE SIGNED: 04/06/2026

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|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

CEILING DETAILS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.9.1 |
| Drawn A.F. / Checked C.P. | |

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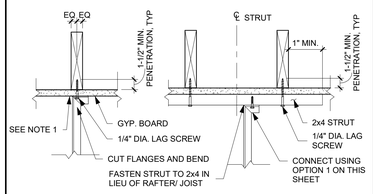
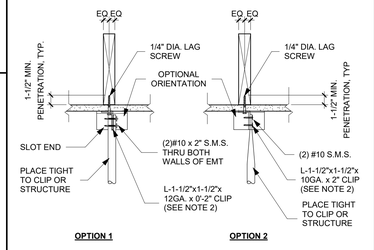



**OPTION 1** **OPTION 2**

**CHANNEL STRUT**




**OPTION 1** **OPTION 2**

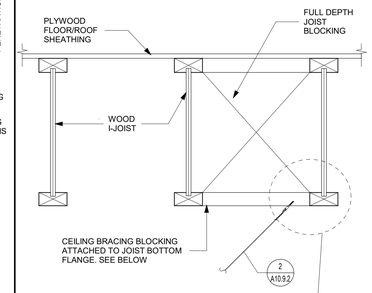
**TUBE STRUT**

NOTES:

1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF THE WOOD MEMBER.
2. FOR ANGLE ORIENTED IN THE STANDARD POSITION, VERTICAL LEG TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER

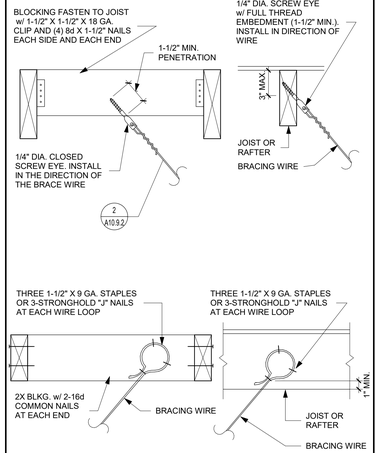
DSA IR 25-2 #5.50

## STRUT CONNECTION TO SAWN TIMBER WITH GYPSUM BOARD — 1 1/2" = 1'-0" — 22



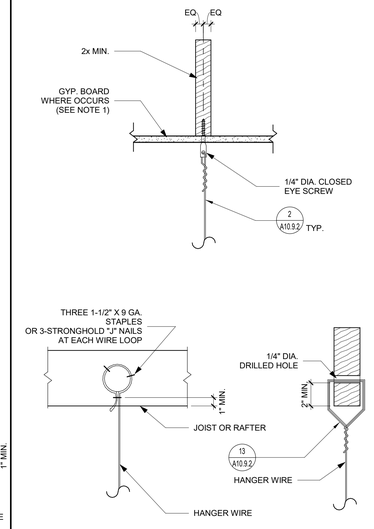

DS IR 25-2.13 #4.36

## BRACING WIRE CONNECTION TO WOOD I-JOIST — 1/2" = 1'-0" — 17




DSA IR 25-2 #4.35

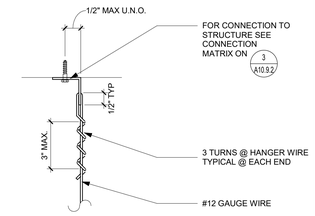
## BRACING WIRE CONNECTION TO SAWN TIMBER — 1 1/2" = 1'-0" — 12



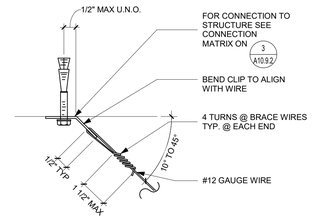

NOTE:
1. WHEN FIRE RATED GYP. BOARD IS INSTALLED ON THE BOTTOM FLANGES, USE SCREW EYES W/ SUFFICIENT LENGTH TO AVOID DAMAGING THE FIRE RATED GYP. BOARD AND MEET MIN. PENETRATION.

DSA IR 25-2 #4.25

## HANGER WIRE CONNECTION TO SAWN TIMBER — 1 1/2" = 1'-0" — 7



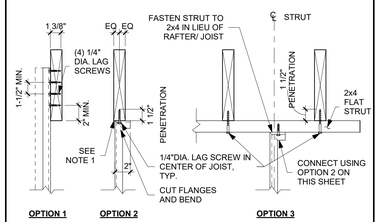

**HANGER WIRE**




**BRACING WIRE**

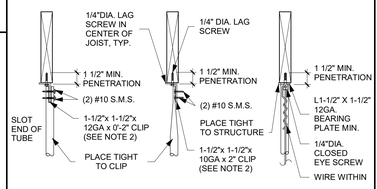
DSA IR 25-2 #4.10

## HANGER AND BRACING WIRE TYPICAL WIRE TURNS — 3" = 1'-0" — 2




**OPTION 1** **OPTION 2** **OPTION 3**

**CHANNEL STRUT**




**OPTION 1** **OPTION 2** **OPTION 3**

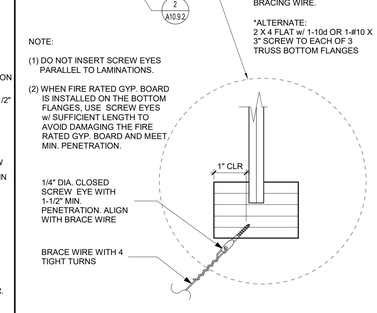
**TUBE STRUT**

NOTES:

1. WEB OF CHANNEL TO BEAR WITHIN WIDTH OF WOOD MEMBER.
2. VERTICAL LEG OF MEMBER TO FALL WITHIN THE WIDTH OF THE WOOD MEMBER.
3. SEE 22 A10.9.2 (#5.50) FOR ADDITIONAL INFORMATION.

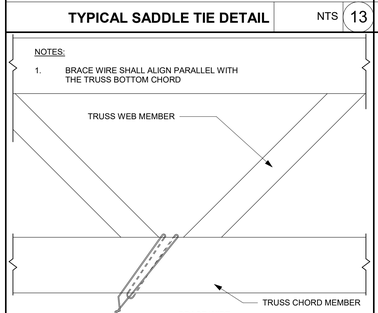
DSA IR 25-2 #5.60

## STRUT CONNECTION TO SAWN TIMBER WITHOUT GYPSUM BOARD — 1 1/2" = 1'-0" — 24




DS IR 25-2.13 #4.37

## BRACING WIRE CONNECTION TO WOOD I-JOIST — 1/2" = 1'-0" — 19




**TYPICAL SADDLE TIE DETAIL**

HANGER WIRE CONDITION SHOWN. BRACE WIRE CONDITION SIMILAR

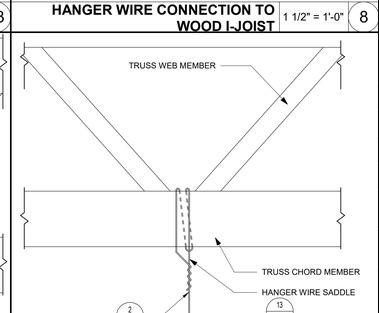
DSA IR 25-2 #4.29

## TYPICAL SADDLE TIE DETAIL — NTS — 13




DSA IR 25-2 #4.38

## BRACING WIRE CONNECTION TO WOOD CHORD TRUSS — 1 1/2" = 1'-0" — 14




DSA IR 25-2 #4.27

## HANGER WIRE CONNECTION TO WOOD CHORD TRUSS — 1 1/2" = 1'-0" — 9

| STRUCTURAL CONDITION OF FLOOR/ROOF ABOVE SUSPENDED CEILING | APPLICABLE HANGER WIRE DETAIL | APPLICABLE BRACING WIRE DETAIL |
|---|---|---|
| BARE METAL DECK | 4.20 (N/A) | 4.30 (N/A) |
| CONCRETE OVER METAL DECK | 4.21 (N/A) | 4.31 (N/A) |
| CONCRETE SLAB, BEAM, OR JOIST | 4.22 (N/A) | 4.32 (N/A) |
| STRUCTURAL STEEL | 4.23 (N/A) | 4.33 (N/A) |
| METAL STUD WALL | 4.24 (N/A) | 4.34 (N/A) |
| SAWN TIMBER | 4.25 & 4.29<br>7 / A10.9.2 & 13 / A10.9.2 | 4.35<br>12 / A10.9.2 |
| WOOD I-JOIST | 4.26<br>8 / A10.9.2 | 4.36 & 4.37<br>17 / A10.9.2& 19 / A10.9.2 |
| WOOD CHORD TRUSS | 4.27 & 4.29<br>9 / A10.9.2 & 13 / A10.9.2 | 4.29 & 4.38<br>13 / A10.9.2 & 14 / A10.9.2 |
| OPEN WEB STEEL JOIST | 4.28, 4.29 (N/A) | 4.29, 4.39 (N/A) |

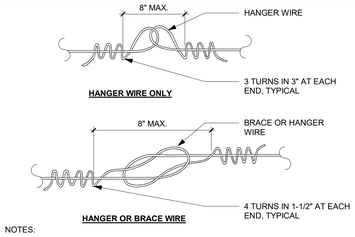
DSA IR 25-2 #4.11

## HANGER AND BRACING WIRE CONNECTION MATRIX — NTS — 3

| STRUCTURAL CONDITION OF FLOOR/ROOF ABOVE COMPRESSION STRUT | DETAIL |
|---|---|
| METAL DECK | 5.20 (N/A) |
| CONCRETE OVER METAL DECK | 5.21 (N/A) |
| CONCRETE SLAB, BEAM, OR JOIST | 5.30 (N/A) |
| STRUCTURAL STEEL | 5.40 (N/A) |
| SAWN TIMBER WITH GYPSUM BOARD | 5.50<br>22 / A10.9.2 |
| SAWN TIMBER WITHOUT GYPSUM BOARD | 5.60<br>24 / A10.9.2 |

DSA IR 25-2 #5.10

## COMPRESSION STRUT CONNECTION TO STRUCTURE — NTS — 4




NOTES:

1. WIRE SPLICES ARE SHOWN LOOSELY TIED FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE DRAWN TIGHT TO COMPLETE INSTALLATION WHEN CONSTRUCTED.
2. WIRE LOOPS SHALL BE TIGHTLY WRAPPED AND SHARPLY BENT TO PREVENT ANY VERTICAL MOVEMENT OR ROTATION WITHIN THE LOOPS.
3. EACH HANGER AND BRACE WIRE SHALL BE SPLICED NO MORE THAN ONCE ALONG ITS LENGTH.

DSA IR 25-2 #6.10

## CEILING WIRE SPLICES — 3" = 1'-0" — 5

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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTINA P. WHITWORTH No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | |
| DATE SIGNED: 04/06/2026 | |

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| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

CEILING DETAILS - WOOD STRUCTURE

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.9.2 |
| Drawn A.F. | Checked C.P. |

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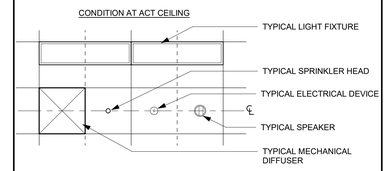
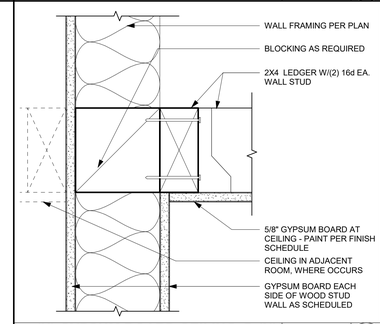



**TYPICAL DEVICE LAYOUT** 3/8" = 1'-0" 1




**(N) GYPSUM BOARD CEILING @ (N) INT. WALL** 3" = 1'-0" 2

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| ARCHITECT | ENGINEER |
|---|---|
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| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

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PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
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PARADISE, CA, 95969

# CEILING DETAILS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.9.3 |
| Drawn A.F. | Checked C.P. |

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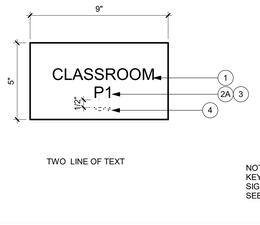
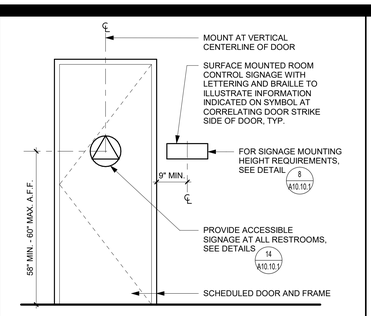



TWO LINE OF TEXT

NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL 2 A10.10.1

**ROOM ID SIGNAGE** 3" = 1'-0" 11




**ROOM CONTROL SIGNAGE** 1/2" = 1'-0" 6

**SIGNAGE GENERAL NOTES**

1. FOR TYPICAL MOUNTING DISTANCE FROM DOOR FRAME, SEE DETAIL 6 / A10.10.1
2. FOR MOUNTING ATTACHMENTS, SEE DETAIL 7 / A10.10.1
3. FOR SIGNAGE MOUNTING HEIGHT REQUIREMENTS, SEE DETAIL 8 / A10.10.1
4. SIGNS AND IDENTIFICATION DEVICES SHALL BE FIELD INSPECTED AFTER INSTALLATION AND APPROVED BY THE ENFORCING AGENCY PRIOR TO THE ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY PER CBC CHAPTER 1, DIVISION II, SECTION 111, OR FINAL APPROVAL WHERE NO CERTIFICATE OF OCCUPANCY IS ISSUED. THE INSPECTION SHALL INCLUDE, BUT NOT BE LIMITED TO, VERIFICATION THAT BRAILLE DOTS AND CELLS ARE PROPERLY SPACED AND THE SIZE, PROPORTION AND TYPE OF RAISED CHARACTERS ARE IN COMPLIANCE WITH THESE REGULATIONS (CBC 11B-703.1.1.2).

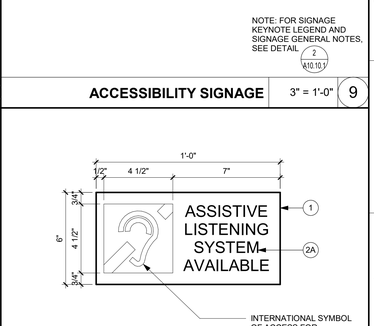
**SIGNAGE KEYNOTES**

1. EXTRUDED CLEAR ACRYLIC SIGN WITH A NON GLARE BACKGROUND OF 70% CONTRASTING COLOR TO TEXT AND ONE PIECE CONSTRUCTION PER SPECIFICATIONS
   BACKGROUND COLOR: MP12257 CABOT TRAIL
   THICKNESS: 1/4" TYP. U.O.N.
2A. 1/32" RAISED TEXT, CENTER JUSTIFIED ON PLAQUE
   TEXT STYLE: HELVETICA, ALL CAPS
   TEXT HEIGHT: 3/4" U.O.N.
   TEXT COLOR: WHITE
3. VERIFY ROOM NAMES AND NUMBERS PRIOR TO FABRICATION
   10 LETTERS PER LINE, MAXIMUM
4. CALIFORNIA ROUNDED TOP CONTRACTED GRADE 2 BRAILLE BELOW RAISED TEXT (11B-703.3.2). DISTANCE FROM BOTTOM OF RAISED LETTERS TO TOP OF BRAILLE CHARACTERS SHALL BE 3/8" MINIMUM AND 1/2" MAXIMUM. BRAILLE TO BE CENTER JUSTIFIED OR LEFT JUSTIFIED TO MATCH RAISED TEXT. FOR MORE INFORMATION ON BRAILLE REQUIREMENTS, SEE DETAIL 5 / A10.10.1
5. INTERNATIONAL SYMBOL OF ACCESSIBILITY PICTOGRAM
   COLOR: WHITE
6. 1/4" THICK, 12" DIA. CIRCLE WITH A 1/4" THICK EQUILATERAL TRIANGLE SYMBOL SUPERIMPOSED ON AND GEOMETRICALLY INSCRIBED WITHIN THE 12" DIA. CIRCLE SYMBOL. VERTICES OF THE TRIANGLE SYMBOL SHALL BE LOCATED 1/4" MAX. FROM THE EDGE OF THE CIRCLE SYMBOL WITH A VERTEX POINTING UPWARD. TRANGLE SYMBOL SHALL CONTRAST THE COLOR OF THE CIRCLE SYMBOL. CIRCLE SYMBOL SHALL CONTRAST 70% THE DOOR COLOR.
   TRIANGLE COLOR: MP12257 CABOT TRAIL
   CIRCLE COLOR: MP12257 CABOT TRAIL
7. PROVIDE EASED OR ROUNDED EDGES A 1/16" MIN. OR CHAMFERED AT 1/8" MAX. VERTICES SHALL BE RADIUSED BETWEEN 1/8" MINIMUM AND 1/4" MAX.

**TYPICAL SIGNAGE NOTES** 12" = 1'-0" 2

NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL 2 A10.10.1

**EXIT SIGNAGE** 3" = 1'-0" 12




**SIGNAGE MOUNTING TYPES** 1" = 1'-0" 7

TABLE 11B-703.3.1
BRAILLE DIMENSIONS

| MEASUREMENT RANGE | MINIMUM IN INCHES<br>MAXIMUM IN INCHES |
|---|---|
| DOT BASE DIAMETER | 0.059" (1.5MM) TO 0.063" (1.6MM) |
| DISTANCE BETWEEN TWO DOTS IN THE SAME CELL * | 0.100" (2.5MM) |
| DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS * | 0.300" (7.6MM) |
| DOT HEIGHT RANGE | 0.025" (0.6MM) TO 0.037 (0.9MM) |
| DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW * | 0.395" (10MM) TO 0.400" (10.2MM) |
| * MEASURED CENTER TO CENTER | |

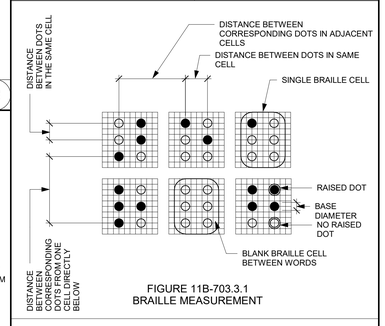
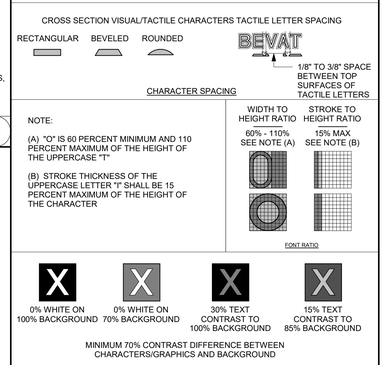
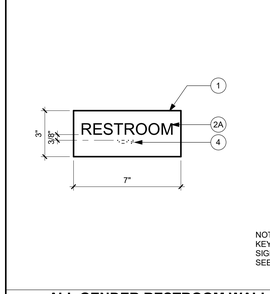



FIGURE 11B-703.3.1
BRAILLE MEASUREMENT

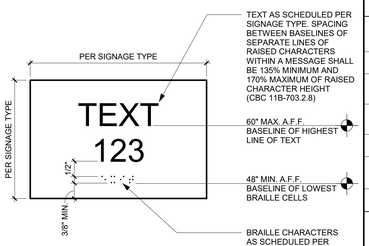



**TYPICAL SIGNAGE NOTES** 12" = 1'-0" 2

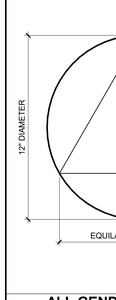



NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL 2 A10.10.1

**ALL GENDER RESTROOM WALL MOUNTED SIGNAGE** 3" = 1'-0" 13

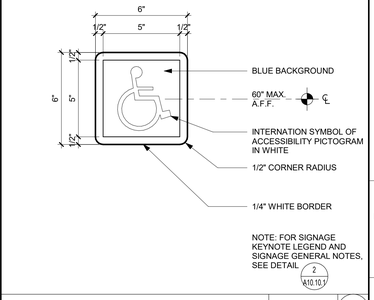



**SIGNAGE MOUNTING HEIGHTS** 6" = 1'-0" 8




NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL 2 A10.10.1

**ALL GENDER RESTROOM DOOR SIGNAGE** 3" = 1'-0" 14




NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL 2 A10.10.1

**ACCESSIBILITY SIGNAGE** 3" = 1'-0" 9




NOTE: FOR SIGNAGE KEYNOTE LEGEND AND SIGNAGE GENERAL NOTES, SEE DETAIL 2 A10.10.1

**ASSISTIVE LISTENING SYSTEM AVAILABLE SIGN** 3" = 1'-0" 10

**SIGNAGE DESIGN REQUIREMENTS** 1 1/2" = 1'-0" 5

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Sacramento, California 95811
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www.StudioW-Architects.com


| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT CHRISTOPHER PUNTHNEY No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA | |

DATE SIGNED: 04/06/2026

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| DSA PLAN CHECK | 02/18/2026 |
| DSA BACK CHECK | 04/06/2026 |
| BIDDING | |
| CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

SPECIALTIES - SIGNAGE

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.10.1 |
| Drawn A.F. | Checked C.P. |

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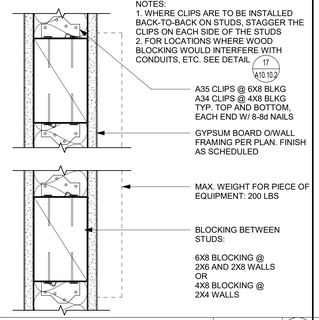
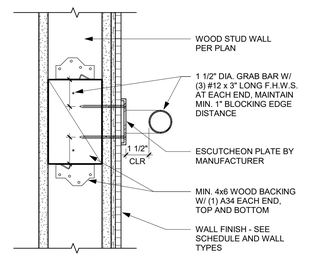
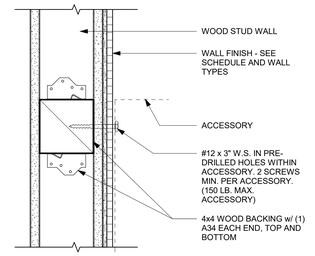



**TYPICAL WALL BLOCKING** 3" = 1'-0" 16




NOTE: GAR BARS TO COMPLY WITH CBC 11B-609.8

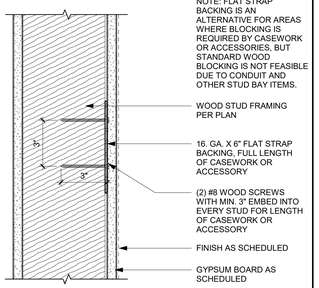
**GRAB BAR ANCHORAGE** 3" = 1'-0" 11




**TYPICAL ACCESSORY MOUNTING** 3" = 1'-0" 6

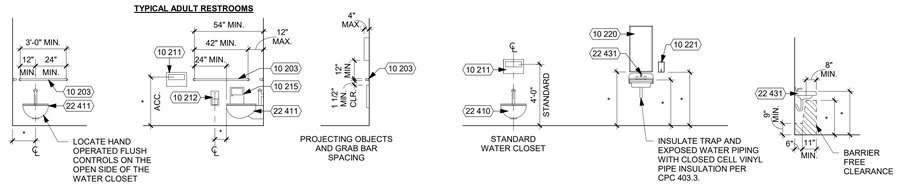
## KEYNOTES

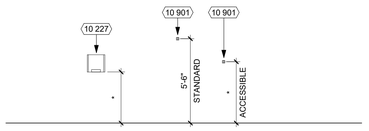
| NUMBER | NOTE |
|---|---|
| 10 203 | GRAB BAR (SEE DETAIL 11/A10.10.2) |
| 10 211 | TOILET SEAT COVER DISPENSER, SURFACE MOUNTED, CFCI |
| 10 212 | TOILET PAPER DISPENSER, SURFACE MOUNTED, CFCI |
| 10 215 | SANITARY NAPKIN DISPOSAL, SURFACE MOUNTED, OFCI |
| 10 220 | MIRROR, CFCI (SEE DETAIL 20/A10.10.2) |
| 10 221 | SOAP DISPENSER, OFCI |
| 10 227 | PAPER TOWEL DISPENSER, RECESSED, CFCI |
| 10 901 | COAT HOOK |
| 22 410 | WALL MOUNTED WATER CLOSET (SEE DETAIL 25/A10.10.2) |
| 22 411 | FLOOR MOUNTED WATER CLOSET |
| 22 431 | LAVATORY |




**FLAT STRAP BACKING** 3" = 1'-0" 17

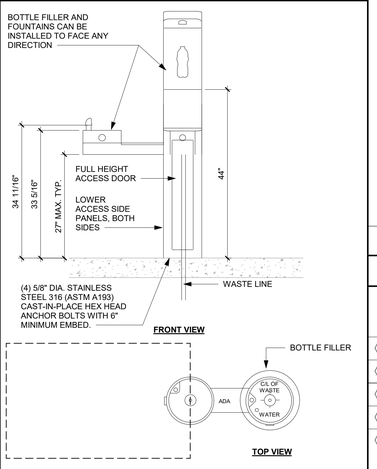
**TYPICAL ADULT RESTROOMS**




NOTES:
1. ALL DIMENSIONS MARKED WITH AN ASTERISK (*) REFERENCE TOILET FIXTURES AND ACCESSORIES SCHEDULE BELOW.
2. FOR TYPICAL ACCESSORY MOUNTING, SEE DETAIL 6 / A10.10.2
3. REFER TO KEYNOTE LIST FOR ADDITIONAL DETAILS.

**TYPICAL FIXTURE AND ACCESSORY DIMENSIONS** 1/4" = 1'-0" 3

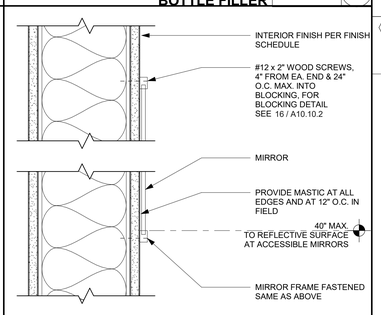



MODEL ELKAY LK4420BF1U

APPROX. SHIPPING WT: 147 lbs

**NOTES:**
1. MEETS ADA REGULATIONS.
2. ELKAY LK4420 SERIES OUTDOOR FOUNTAINS ARE MODULAR AND CAN BE ASSEMBLED AND CONFIGURED MANY DIFFERENT WAYS. IT IS THE RESPONSIBILITY OF THE INSTALLER TO UNDERSTAND LOCAL, STATE AND FEDERAL REGULATIONS AS APPLICABLE WHEN INSTALLING THIS FOUNTAIN.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. DO NO SCALE DRAWING.
5. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTOR, CONSULTANTS AND DESIGN PROFRESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
6. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

**OUTDOOR DRINKING FOUNTAIN AND BOTTLE FILLER** 3/4" = 1'-0" 19




**MIRROR ATTACHMENT** 3" = 1'-0" 20

## TOILET FIXTURES AND ACCESSORIES SCHEDULE

| KEY | FIXTURE | DIMENSION REFERENCE | ADULT DIMENSION | PER TABLE 11B-604.9 (2025 CBC) SUGGESTED DIMENSION FOR CHILDREN* AGES 3-4* | AGES 5-8* | AGES 9-12* | 2025 CBC REFERENCES: T: TABLE S: SECTION F: FIGURE | RECOMMENDED TOILET ACCESSORIES MANUFACTURER (BASIS OF DESIGN) |
|---|---|---|---|---|---|---|---|---|
| 10 203 | GRAB BAR* | TOP OF GRIPPING SURFACE | 33" - 36" | 16" - 20" | 20" - 25" | 25" - 27" | T: 11B-604.9 | BOBRICK 5806 (STRAIGHT GRAB BARS) |
| 10 221 | SOAP DISPENSER | ABOVE FINISH FLOOR | 40" MAX. TO CENTERLINE OF OPERABLE PART | | | | S: 11B-603.5 | BOBRICK B-2111 SOAP DISPENSER SURFACE MOUNTED |
| 10 227 | PAPER TOWEL DISPENSER | ABOVE FINISH FLOOR | 40" MAX. TO CENTERLINE OF OPERABLE PART | | | | S: 11B-603.5 | BOBRICK B359033 PAPER TOWEL DISPENSER RECESSED MOUNTED |
| 10 211 | SEAT COVER DISPENSER | ABOVE FINISH FLOOR | 40" MAX. TO CENTERLINE OF OPERABLE PART | | | | S: 11B-603.5 | BOBRICK B-221 SEAT COVER DISPENSER SURFACE MOUNTED |
| 10 220 | MIRROR | BOTTOM EDGE OF REFLECTING SURFACE | 40" MAX. ABOVE LAVATORY OR COUNTERTOP 35" MAX. NOT ABOVE LAVATORY OR COUNTERTOP | | | | S: 11B-603.3 | BOBRICK B-290 MIRROR 24" X 30" |
| | | BOTTOM EDGE OF REFLECTING SURFACE | 20" MAX. IN DRESSING, FITTING, & LOCKER ROOMS | | | | S: 11B-803.6 | |
| 10 212 | TOILET PAPER DISPENSER* | OUTLET HEIGHT | 19" MIN. AND BELOW GRAB BAR | | 14" - 17" | 17" - 19" | T: 11B-604.9 S: 11B-604.7 | BOBRICK B-2888 TOILET TISSUE DISPENSER SURFACE MOUNTED |
| | | FURTHEST IN FRONT OF WATER CLOSET | 7" MIN. - 9" MAX. TO CENTERLINE OF DISPENSER | | | | | |
| 10 215 | SANITARY NAPKIN DISPOSAL | OPENING HEIGHT | 19" MIN. AND BELOW GRAB BAR | | | | | BOBRICK B-254 SANITARY NAPKIN DISPOSAL SURFACE MOUNTED |
| 22 403 | DRINKING FOUNTAIN & BOTTLE FILLER | HIGH SPOUT HEIGHT | 38" MIN. - 43" MAX. | | | | S: 11B-602.7 | SEE PLUMBING DRAWINGS FOR SPECIFIC FIXTURES SELECTION |
| | | LOW SPOUT APPROACH, HEIGHT, AND LOCATION FROM FRONT EDGE OF THE UNIT INCLUDING BUMPERS | FRONT APPROACH PER 11B-306, 36" MAX. A.F.F., AND 5" MAX. FROM FRONT EDGE OF UNIT. | PARALLEL APPROACH IS PERMITTED IF SPOUT IS 30" MAX. A.F.F. & 3 1/2" MAX. FROM FRONT EDGE OF UNIT. | | | S: 11B-602.2 - EXCEPTION S: 11B-602.4 S: 11B-602.5 | |
| | | OPERABLE PARTS | 6" MAX. FROM FRONT EDGE OF UNIT | | | | S: 11B-602.3 | |
| | | PROJECTION | 18" - 19" | | | | S: 11B-602.9 | |
| 22 410 | STANDARD WATER CLOSET | | | | | | | SEE PLUMBING DRAWINGS FOR SPECIFIC FIXTURES SELECTION |
| 22 411 | ACCESSIBLE WATER CLOSET* | CENTERLINE FROM WALL (TOILET OFFSET) | 17" - 18" WHEEL CHAIR | | 12" - 15" | 15" - 18" | T: 11B-604.9 | SEE PLUMBING DRAWINGS FOR SPECIFIC FIXTURES SELECTION |
| | | SEAT HEIGHT (TOP OF SEAT) | 17" - 19" | 12" | 12" - 15" | 15" - 17" | T: 11B-604.9 | SEE PLUMBING DRAWINGS FOR SPECIFIC FIXTURES SELECTION |
| 22 431 | LAVATORY (W/ INSULATED DRAIN) | SINK RIM HEIGHT | 34" MAX. | 11" - 12" | 31" MAX. | | S: 11B-606.2 S: 11B-606.3 | SEE PLUMBING DRAWINGS FOR SPECIFIC FIXTURES SELECTION |
| | | SINK KNEE CLEARANCE | 27" MIN. (29" AT APRON FOR LAVATORY) | PARALLEL APPROACH PERMITTED | AGE 5: PARALLEL APPROACH PERMITTED AGES 6-8: 24" MIN. | | S: 11B-606.2 F: 11B-306.3 | SEE PLUMBING DRAWINGS FOR SPECIFIC FIXTURES SELECTION |

NOTES:
1. ALL FIXTURES AND ACCESSORIES ARE ACCESSIBLE UNLESS OTHERWISE NOTED OR DIMENSIONED.
   A. (*) WHEN A SPECIFIC AGE GROUP IS CALLED OUT ON THE ENLARGED RESTROOM PLANS, ALL FIXTURES AND ACCESSORIES MARKED WITH AN ASTERISK (*) SHALL BE INSTALLED AT HEIGHTS INDICATED PER THAT AGE GROUP.
2. SEE ENLARGED TOILET PLAN DRAWINGS FOR TOILET ACCESSORY LOCATIONS.
3. ALL ACCESSORIES ARE TO BE ACCESSIBLE WITH A MAXIMUM REACH HEIGHT OF 3'-4" FROM FLOOR TO TOP OF FUNCTIONAL POINT.
4. ALL HEIGHT DIMENSIONS ARE A.F.F. (OR A.F.G. FOR EXTERIOR). ALL HORIZONTAL DIMENSIONS ARE TO FACE OF FINISH.
5. FOR TYPICAL ACCESSORY BACKING INFORMATION, SEE DETAIL 6 / A10.10.2

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|---|---|
| LICENSED ARCHITECT CHRISTOPHER P. WHITTEMORE No. C 30345 Ren. 9/30/27 STATE OF CALIFORNIA<br>DATE SIGNED: 04/06/2026 | |

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| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

SPECIALTIES - RESTROOMS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.10.2 |
| Drawn A.F. / Checked C.P. | |

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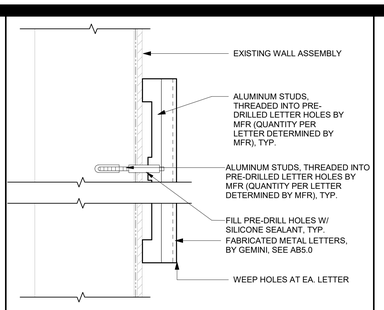
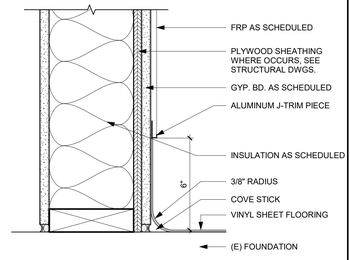
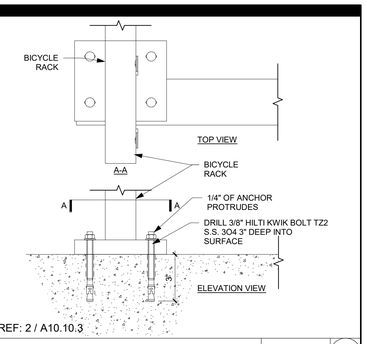



**LETTER ATTACHMENT AT SIDING** 3" = 1'-0" 11

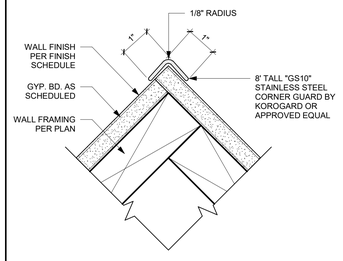



**SHEET VINYL BASE AT FRP** 3" = 1'-0" 6



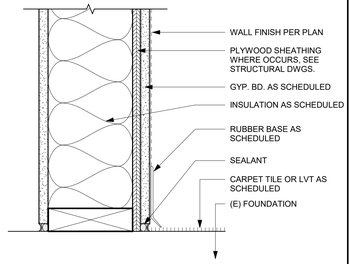

REF: 2 / A10.10.3

**CAMPUS BIKE RACK MOUNTING** 3" = 1'-0" 1

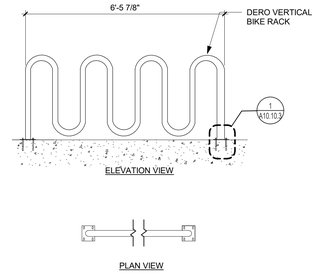



NOTE:
CORNER GUARDS ATTACHED BY MASTIC CONSTRUCTION ADHESIVE

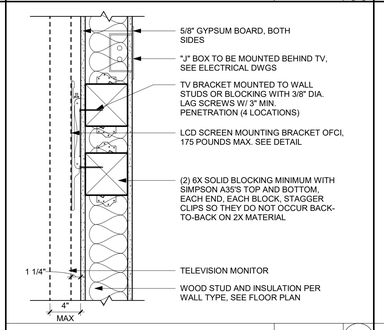
**S.S. CORNER GUARD** 6" = 1'-0" 12



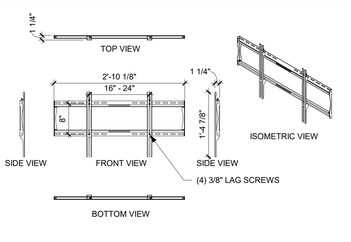

**WALL BASE AT CARPET/LVT** 3" = 1'-0" 7




**CAMPUS BIKE RACK** 1/2" = 1'-0" 2

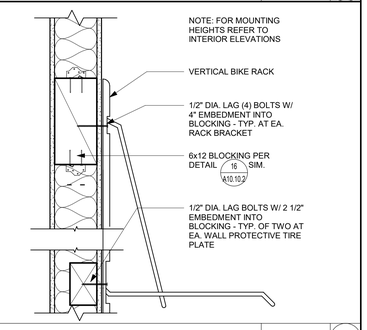



**WALL MOUNTED TV** 1 1/2" = 1'-0" 13

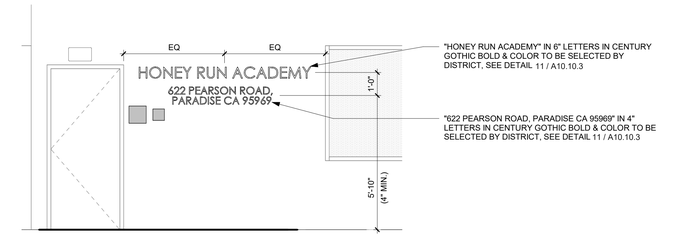



NOTE:
WALL MOUNT BRACKET TO BE OFCI. PEERLESS UNIVERSAL FLAT WALL MOUNT, MODEL NO. SF650, 16 GA.
FOR MOUNTING OF TV BRACKET ON WALL MOUNT, SEE DETAIL 13 / A10.10.3

**TV WALL MOUNT BRACKET** 3/4" = 1'-0" 8

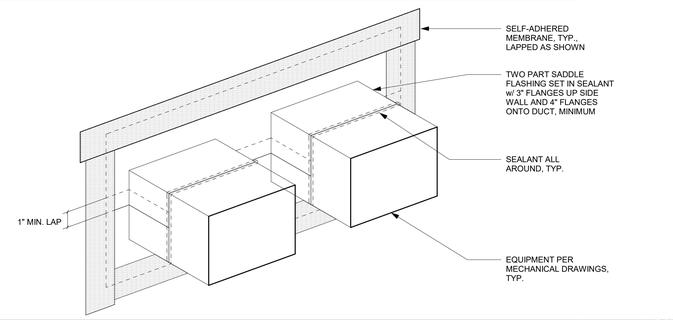



**VERTICAL BIKE RACK** 1 1/2" = 1'-0" 3




**NOTE:**
1. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.
2. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT.
3. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES (102 MM) HIGH WITH A MINIMUM STROKE WIDTH OF 1/2 INCH (12.7 MM).

**PORTABLE 1 SIGNAGE** 3/8" = 1'-0" 4




**MECHANICAL EQUIPMENT THRU WALL PENETRATION** 3" = 1'-0" 5

DSA STAMP

STUDIO W ARCHITECTS

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| ARCHITECT | ENGINEER |
|---|---|

LICENSED ARCHITECT — CHRISTOPHER PUTTKAMER — No. C 30345 — Ren. 9/30/27 — STATE OF CALIFORNIA

DATE SIGNED: 04/06/2026

GENERAL NOTES

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/06/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

SPECIALTIES - ATTACHMENTS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | A10.10.3 |
| Drawn A.F. | Checked C.P. |

PRINT DATE: 4/6/2026 12:01:01 PM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044 Paradise USD Honey Run-A23.rvt

# GENERAL NOTES

1. THESE DOCUMENTS MAY NOT BE USED FOR ANY REPRODUCTION, BIDDING, OR CONSTRUCTION UNLESS AUTHORIZED, IN WRITING, BY SALAS O'BRIEN AND THE ENGINEER OF RECORD RESPONSIBLE FOR THEIR PREPARATION.
2. ALL BRANCH DUCTS MUST HAVE BALANCE DAMPERS WITH QUADRANT LOCKS.
3. ALL DUCT SIZES SHOWN ARE NET INSIDE DIMENSIONS.
4. DUCTWORK MUST BE GALVANIZED SHEET METAL IN COMPLETE CONFORMANCE WITH C.M.C., AND SMACNA HVAC DUCT CONSTRUCTION STANDARDS. FLEXIBLE DUCTS MAY BE USED TO CONNECT INTO AIR OUTLETS AND INLETS. MAXIMUM LENGTH OF FLEXIBLE DUCTWORK MUST BE 5'–0".

   DUCTWORK ON ROOF MUST BE INTERNALLY LINED AND PAINTED. ALL JOINTS AND SEAMS MUST BE WEATHERPROOF.

   ALL BRACING OF DUCTS AND PIPING MUST BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES.

   DUCTS SERVING TYPE 1 KITCHEN HOODS MUST BE CONSTRUCTED OF MINIMUM 16 GAUGE CARBON STEEL OR MINIMUM 18 GAUGE STAINLESS STEEL WITH FULLY WELDED JOINTS. DISHWASHER EXHAUST MUST BE MINIMUM 18 GAUGE STAINLESS STEEL.
5. ALL FLEXIBLE DUCTS MUST BE INSULATED. MINIMUM BEND RADIUS MUST BE TWICE THE DUCT DIAMETER.
6. SUPPLY AND RETURN DROPS MUST BE LINED SHEET METAL PLENUMS.
7. DUCT AND PLENUM INSULATION MUST BE IN ACCORDANCE WITH THE 2025 CALIFORNIA CODE OF REGULATIONS, TITLE–24, PART 6, ENERGY EFFICIENCY STANDARDS (E.E.S.), TABLE 150.1–A AND THE 2025 CALIFORNIA MECHANICAL CODE (C.M.C.) SECTION 605.0.
8. ALL SHEET METAL DUCTS MUST BE INSULATED BY MEANS OF FOIL WRAP, 3/4 LB. DENSITY FIBERGLASS INSULATION. INSULATION MUST BE UL LISTED. DUCT LINERS MUST BE NON–FIBERGLASS TYPE WITH THICKNESS AS REQUIRED TO MEET T–24 REQUIREMENTS.
9. THERMOSTATS MUST BE LOCATED AT 4'–0" ABOVE FINISHED FLOOR (46" MAX. IF MOUNTED OVER CASEWORK OR OTHER OBSTRUCTION) IN ACCORDANCE WITH A.D.A. REQUIREMENTS, UNLESS NOTED OTHERWISE. THESE DIMENSIONS ARE FROM TOP OF DEVICE TO FINISHED FLOOR.
10. CONDENSATE DRAIN PIPING MUST BE COPPER TYPE "L", AND MUST BE ROUTED TO AN APPROVED RECEPTOR.
11. PROVIDE FLEXIBLE CONNECTIONS AT THE INLET AND OUTLET OF ALL FANS.
12. COORDINATE FINAL LOCATIONS OF AIR DISTRIBUTION DEVICES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS, I.E. LIGHTS, SPEAKERS, TILES AND SPRINKLER HEADS.
13. ALL SUPPLY CEILING DIFFUSERS MUST HAVE 4–WAY AIR FLOW DISTRIBUTION PATTERNS, UNLESS INDICATED OTHERWISE.
14. COORDINATE FINAL LOCATIONS OF THERMOSTATS WITH ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. FIELD COORDINATE LOCATIONS WITH OTHER TRADES INCLUDING ELECTRICAL, TELEPHONE, ETC.
15. FIRE/SMOKE DAMPERS MUST BE INSTALLED ON ALL DUCTWORK PASSING THROUGH FIRE SEPARATING WALLS, AND MUST BE INSTALLED AS PER 2025 CMC SECTION 606.0, 2022 CBC SECTION 717. AND UL,, LOCAL, STATE, AND N.F.P.A. FIRE CODES.
16. ALL ROOF PENETRATIONS, CUTTING, PATCHING, BLOCKOUTS, STRUCTURAL SUPPORT, ROOF OPENINGS, LEVELING OF PRE–FAB CURBS MUST BE BY GENERAL CONTRACTOR. CONTRACTOR MUST VERIFY EXACT ROOF OPENING SIZES WITH UNIT MANUFACTURER PRIOR TO START OF WORK AND MUST MAKE ALL NECESSARY ADJUSTMENTS AT NO EXTRA COST TO OWNER.
17. LOCATION OF ALL MECHANICAL EQUIPMENT SHOWN ARE SCHEMATIC. CONTRACTOR MUST FIELD COORDINATE EXACT LOCATIONS AND REQUIRED SERVICE/MAINTENANCE CLEARANCES PRIOR TO START OF WORK.
18. CONTRACTOR MUST VERIFY WEIGHTS OF ALL MECHANICAL EQUIPMENT WITH THEIR MANUFACTURER PRIOR TO START OF WORK. IF DIFFERENT THAN THE WEIGHTS INDICATED ON DRAWINGS, CONTRACTOR MUST INFORM THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO START OF WORK.
19. CONTRACTOR MUST VERIFY ALL ELECTRICAL LOADS W/MFR. AND COORDINATE WITH THE ELECTRICAL CONTRACTOR AND THE MANUFACTURER PRIOR TO START OF WORK. NOTIFY THE ARCHITECT, IN WRITING, IN CASE OF ANY DISCREPANCIES, PRIOR TO START OF WORK.
20. ALL HVAC EQUIPMENT, APPLIANCES, AND DUCTWORK MUST CONFORM TO THE LATEST GUIDELINES OF U.L., A.G.A., N.F.P.A., C.M.C., C.P.C., AND ALL OTHER LOCAL CODES HAVING JURISDICTION.
21. TEST AND BALANCE THE HVAC SYSTEM AS PER REQUIREMENTS OF THE MANDATORY HVAC MEASURES INDICATED ON THIS SHEET.
22. CONTRACTOR MUST FIELD VERIFY EXACT CEILING SPACE AVAILABLE FOR ROUTING OF DUCT, PRIOR TO START OF WORK. INFORM ARCHITECT, IN WRITING, IN CASE OF ANY DISCREPANCY OR POTENTIAL CONFLICTS PRIOR TO FABRICATING AND/OR PURCHASE OF ANY DUCTWORK.
23. ALL HVAC UNITS SYSTEMS SUPPLYING AIR IN EXCESS OF 2000 CFM OR SERVING A COMMON AIR SPACE MUST BE INTERCONNECTED TO SHUT DOWN IMMEDIATELY UPON ALARM CONDITION FROM DUCT DETECTORS (OR FIRE ALARM SYSTEM WHEN USING AREA SMOKE DETECTORS IN LIEU OF DUCT DETECTORS) WITHOUT INTERFACE FROM EMS OR ANY OTHER SYSTEMS. ALL CONTROL RELAYS USED FOR SHUT DOWN MUST BE CALIFORNIA STATE FIRE MARSHAL LISTED FOR RELEASING SERVICE.
24. ACCESS PANELS MUST BE PROVIDED TO ALL EQUIPMENT, MANUAL VOLUME DAMPERS, ETC. LOCATED IN INACCESSIBLE AREAS.
25. MAINTAIN MINIMUM 10'–0" BETWEEN ALL OA INTAKES AND EXHAUST AIR DISCHARGES OR VENTS.

# ANCHORAGE AND BRACING NOTES

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS MUST BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26, AND ASCE 7–16 CHAPTERS 13, 26 AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS
2. TEMPORARY, MOVEABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH HEAVIER THAN 400 POUNDS OR HAS A CENTER MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE NOR BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BE DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

MEP DISTRIBUTION SYSTEM BRACING NOTE FOR PIPING, DUCTWORK, AND ELECTRICAL CONDUIT

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE 7 SECTIONS 13.6.5, 13.6.6, 13.6.7, AND 13.6.8 AND 2025 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16–13.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☑ MD☑ PP☐ E☐ OPTION 1: PROJECT–SPECIFIC DESIGN.

MP☐ MD☐ PP☐ E☐ OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL.

MP☐ MD☐ PP☐ E☐ OPTION 3: DESIGN BASED ON OSHPD OPM, DEFERED SUBMITTAL.

# LEGEND

| SYMBOL | ABBREV. | DESCRIPTION |
|---|---|---|
| | | DEMOLITION |
| | | ITEM TO BE RELOCATED |
| | | FLEXIBLE CONNECTION, DUCTWORK |
| | 10x6 | DUCT SIZE (1ST NUMBER INDICATES SIDE SHOWN) |
| | (L) | INTERNALLY LINED DUCTWORK |
| | TV | SQUARE ELBOW WITH TURNING VANES |
| | | ROUND ELBOW |
| | MVD | MANUAL VOLUME DAMPER |
| | BD | BACKDRAFT DAMPER |
| | FSD | FIRE SMOKE DAMPER |
| | OA | OUTSIDE AIR |
| | | ROUND DUCT UP |
| | | ROUND DUCT DOWN |
| | | CEILING SUPPLY AIR DIFFUSER (4–WAY THROW UNLESS NOTED OTHERWISE) |
| | SA | SUPPLY AIR |
| | RR/RG | RETURN AIR REGISTER/GRILLE |
| | RA | RETURN AIR |
| | ER/EG | EXHAUST AIR REGISTER/GRILLE |
| | EA | EXHAUST AIR |
| | AP | CEILING ACCESS PANEL |
| | SA | RECTANGULAR SUPPLY DUCT UP |
| | RA | RECTANGULAR RETURN DUCT UP |
| | EA | RECTANGULAR EXHAUST DUCT UP |
| | SA | RECTANGULAR SUPPLY DUCT DOWN |
| | RA | RECTANGULAR RETURN DUCT DOWN |
| | EA | RECTANGULAR EXHAUST DUCT DOWN |
| T | TSTAT | THERMOSTAT |
| H | HSTAT | HUMIDISTAT |
| S | | WALL SWITCH/WALL STAT |
| CO | CO | CARBON MONOXIDE SENSOR |
| $CO_2$ | $CO_2$ | CARBON DIOXIDE SENSOR |
| SD | SD | DUCT MOUNTED SMOKE DETECTOR INTERLOCK WITH FIRE ALARM. SEE ELECT. DWGS. |
| TC | TC | TIME CLOCK (ELECTRONIC PROGRAMMABLE) |
| TS | TS | TIMER SWITCH |
| | POC | POINT OF CONNECTION |
| | POD | POINT OF DISCONNECT |
| ¢ | CFM | CUBIC FEET PER MINUTE |
| | ACI | AMERICAN CONCRETE INSTITUTE |
| | A.D.A. | AMERICANS WITH DISABILITIES ACT |
| | A.F.F. | ABOVE FINISH FLOOR |
| | A.G.A. | AMERICAN GAS ASSOCIATION |
| | AL | ALUMINUM |
| | AMB. | AMBIENT |
| | APRX. | APPROXIMATE(LY) |
| | ARCH. | ARCHITECT OR ARCHITECTURAL |
| | ASCE | AMERICAN SOCIETY OF CIVIL ENGINEERS |
| | BHP | BRAKE HORSEPOWER |
| | BLDG | BUILDING |
| | BTU(H) | BRITISH THERMAL UNIT (PER HOUR) |
| | B.U.R. | BUILT–UP ROOFING |
| | CAP. | CAPACITY |
| | C.B.C. | CALIFORNIA BUILDING CODE |
| | C.E.C. | CALIFORNIA ENERGY COMMISSION |
| | C.M.C. | CALIFORNIA MECHANICAL CODE |
| | C.P.C. | CALIFORNIA PLUMBING CODE |
| | CD | CONDENSATE DRAIN |
| | CGBSC | CALIFORNIA GREEN BUILDING STANDARDS COMMISSION |
| | CHW | CHILLED WATER |
| | CONC. | CONCRETE |
| | COND. | CONDITIONS |
| | CONN. | CONNECTIONS |
| | COORD. | COORDINATE |
| | C.O.P. | COEFFICIENT OF PERFORMANCE |
| | CORR. | CORRIDOR |
| | CU | COPPER |
| | CW | COLD WATER |
| | DB | DRY BULB |
| | DET. | DETAIL |
| | DIM. | DIMENSIONS |
| | DN. | DOWN |
| | DWG(S). | DRAWING(S) |

# LEGEND (CONT.)

| SYMBOL | ABBREV. | DESCRIPTION |
|---|---|---|
| | DX | DIRECT EXPANSION |
| | (E) | EXISTING |
| | EAT | ENTERING AIR TEMPERATURE |
| | EDB. | ENTERING DRY BULB |
| | ENT. | ENTERING |
| | EQ. | EQUAL |
| | EWT | ENTERING WATER TEMPERATURE |
| | EER | ENERGY EFFICIENCY RATIO |
| | E.E.S. | ENERGY EFFICIENCY STANDARDS |
| | EFF. | EFFICIENCY |
| | ELEC. | ELECTRICAL |
| | ESP | EXTERNAL STATIC PRESSURE (INCHES OF WATER) |
| | FAB | FABRICATED |
| | F.A.R. | FREE AREA REQUIRED |
| | FLA | FULL LOAD AMPS |
| | FPM | FEET PER MINUTE |
| | FT. | FEET |
| | GA. | GAUGE |
| | GALV. | GALVANIZED |
| | GPM | GALLONS PER MINUTE |
| | GSM | GALVANIZED SHEET METAL |
| | HERS | HOME ENERGY RATING SYSTEM |
| | HHW | HEATING HOT WATER |
| | HP | HORSEPOWER |
| | HSPF | HEATING SEASONAL PERFORMANCE FACTOR |
| | HVAC | HEATING, VENTILATION AND AIR CONDITIONING |
| | I.B.C. | INTERNATIONAL BUILDING CODE |
| | I.M.C. | INTERNATIONAL MECHANICAL CODE |
| | I.P.C. | INTERNATIONAL PLUMBING CODE |
| | IN. | INCHES |
| | IPLV | INTEGRATED PART–LOAD VALUE |
| | KW | KILOWATT |
| | LAT | LEAVING AIR TEMPERATURE |
| | LBS. | POUNDS |
| | LVG. | LEAVING |
| | LWT | LEAVING WATER TEMPERATURE |
| | MECH. | MECHANICAL |
| | MAX. | MAXIMUM |
| | MB | MACHINE BOLT |
| | MBH | 1000 BTUH |
| | MCA | MINIMUM CIRCUIT AMPACITY |
| | MFR | MANUFACTURER |
| | MIN. | MINIMUM |
| | MOCP | MAXIMUM OVERCURRENT PROTECTION |
| | MTG. | MOUNTING |
| | MVD | MANUAL VOLUME DAMPER |
| | NA | NOT APPLICABLE |
| | N.F.P.A. | NATIONAL FIRE PROTECTION ASSOCIATION |
| | NIC | NOT IN CONTRACT |
| | NC | NOISE CRITERIA |
| | NO. | NUMBER |
| | OBD | OPPOSED BLADE DAMPER |
| | OPER. | OPERATING |
| | OSHPD | OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT |
| | PH | PHASE |
| | QTY. | QUANTITY |
| | RECT. | RECTANGLE/RECTANGULAR |
| | RPM | REVOLUTIONS PER MINUTE |
| | SEER | SEASONAL ENERGY EFFICIENCY RATIO |
| | SF | SQUARE FEET |
| | SQ. | SQUARE |
| | SMACNA | SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION |
| | S.M.S. | SHEET METAL SCREW |
| | S.O.V. | SHUT–OFF VALVE |
| | SPD | STATIC PRESSURE DROP |
| | SQFT | SQUARE FEET |
| | STRUC. | STRUCTURAL |
| | STL. | STEEL |
| | TEMP. | TEMPERATURE |
| | THRU | THROUGH |
| | TSP | TOTAL STATIC PRESSURE |
| | TYP. | TYPICAL |
| | U/C | UNDERCUT DOOR |
| | U.L. | UNDERWRITER'S LABORATORIES |
| | U.F.C. | UNIFIED FACILITIES CRITERIA |
| | V | VOLTAGE/VOLTS |
| | VEL. | VELOCITY |
| | VAV | VARIABLE AIR VOLUME |
| | VFD | VARIABLE FREQUENCY DRIVE |
| | WB | WET BULB |
| | WT. | WEIGHT |

# MANDATORY HVAC SYSTEM MEASURES

1. ALL WORK INDICATED ON DRAWINGS AND/OR SPECIFICATIONS MUST BE COORDINATED WITH WORKS OF OTHER TRADES PRIOR TO START OF WORK.
2. ALL HVAC EQUIPMENT LISTED IN SECTION 100(H) OF THE E.E.S. MUST BE C.E.C. CERTIFIED.
3. ALL PIPING INSULATION MUST BE CONSISTENT WITH THE REQUIREMENTS OF C.M.C. SECTIONS 1201.2 AND TABLE E 502.5, AND E.E.S. SECTION 120.3–A.
4. ALL DUCTWORK INSULATION MUST BE CONSISTENT WITH THE REQUIREMENTS OF SECTIONS C.M.C. SECTION 605.0 TITLE 24 E.E.S. TABLE 150.1–A.
5. ALL HVAC EQUIPMENT AND APPLIANCE MUST MEET THE REQUIREMENTS PER SECTIONS 110.1–110.2, 110.5 AND 120.1–120.7 E.E.S.
6. ALL HVAC SYSTEMS MUST MEET THE CONTROL REQUIREMENTS PER SECTION 110.2 AND 120.2 E.E.S.
7. ALL VENTILATION SYSTEMS MUST BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE C.M.C.
8. THE CONTRACTOR MUST PROVIDE THE BUILDING OWNER, MANAGER, AND THE ORIGINAL OCCUPANTS A LIST OF THE HEATING, VENTILATION, AND AIR CONDITIONING FEATURES, MATERIALS, AND COMPONENTS INSTALLED IN THE BUILDING AND OPERATING INSTRUCTIONS.
9. INSULATION MATERIAL MUST MEET THE CALIFORNIA QUALITY STANDARD PER SECTION 120.3 AND 120.4 E.E.S.
10. ALL SPACE CONDITIONING AND VENTILATION SYSTEMS MUST BE BALANCED TO THE QUANTITIES SPECIFIED IN THESE PLANS, IN ACCORDANCE WITH THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB) PROCEDURAL STANDARDS, OR ASSOCIATED AIR BALANCE COUNCIL (AABC) NATIONAL STANDARDS. TESTING AND BALANCING MUST BE DONE BY AN INDEPENDENT QUALIFIED AGENCY.
11. ALL SYSTEMS MUST PROVIDE THE MINIMUM OUTSIDE AIR AS SHOWN ON THE MECHANICAL DRAWINGS, AND MUST BE MEASURED AND CERTIFIED BY AN INDEPENDENT QUALIFIED TESTING AGENCY.
12. DUCT INSULATION MUST HAVE A MINIMUM INSTALLED R–VALUE OF 8.0.
13. DURING CONSTRUCTION, ENDS OF DUCT OPENINGS MUST BE SEALED AND MECHANICAL EQUIPMENT MUST BE COVERED TO PROTECT INTEGRITY OF SYSTEM CLEANLINESS. CGBSC 5.504.3.
14. PRIOR TO FINAL APPROVAL OF THE BUILDING, THE LICENSED CONTRACTOR, ARCHITECT, OR ENGINEER IN RESPONSIBLE CHARGE OF THE OVERALL CONSTRUCTION MUST COMPLETE AND SIGN THE GREEN BUILDING STANDARDS CERTIFICATION FORM AND GIVE TO THE BUILDING DEPARTMENT OFFICIAL TO BE FILED WITH THE APPROVED PLANS.
15. PROVIDE TEMPORARY MEANS OF BUILDING VENTILATION DURING CONSTRUCTION IN ACCORDANCE WITH CGBSC SECTION 5.504.1.
16. BUILDING FLUSH–OUT MUST BE PERFORMED AND MONITORED UPON CONSTRUCTION COMPLETION IN ACCORDANCE WITH CGBSC SECTION A5.504.2.
17. ALL ENVELOPE AND MECHANICAL CERTIFICATE OF ACCEPTANCE FORMS AND ALL RELATED ACCEPTANCE DOCUMENTS MUST BE SUBMITTED TO THE FIELD INSPECTOR DURING CONSTRUCTION. CERTIFICATE OF OCCUPANCY WILL NOT BE ISSUED UNTIL THESE FORMS ARE REVIEWED AND APPROVED.
18. FOR NEW BUILDINGS OVER 10,000 SQUARE FEET IN FLOOR AREA, UNLESS NOTED OTHERWISE, FUNDAMENTAL BUILDING COMMISSIONING FOR HVAC, LIGHTING AND DOMESTIC HOT WATER SYSTEMS MUST BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 23 08 00 AND THE CGBSC SECTION 5.410.2.
19. THERMOSTATIC CONTROLS FOR ALL SINGLE ZONE AIR CONDITIONERS AND HEAT PUMPS MUST COMPLY WITH THE REQUIREMENTS OF EES SECTION 110.2(C) AND REFERENCE JOINT APPENDIX JA5. THERMOSTAT MUST BE CAPABLE OF COMMUNICATING THROUGH EITHER (1) AT LEAST ONE EXPANSION PORT WITH A REMOVABLE MODULE TO ENABLE COMMUNICATION; OR (2) ON BOARD COMMUNICATION DEVICE.
20. DUCTWORK MUST BE LEAK TESTED IN ACCORDANCE WITH SMACNA HVAC AIR DUCT LEAKAGE TEST MANUAL FOR A REPRESENTATIVE TOTAL NOT LESS THAN 10% OF INSTALLED DUCTWORK IN ACCORDANCE WITH THE REQUIREMENTS OF CMC 603.9.2.

# APPLICABLE CODES

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), CCR PART 1, TITLE 24
- 2025 CALIFORNIA BUILDING CODE (CBC), CCR TITLE 24, PARTS 1 & 2 (BASED ON THE 2025 EDITION INTERNATIONAL BUILDING CODE, VOLS. 1 & 2)
- 2025 CALIFORNIA ELECTRICAL CODE (CEC), CCR TITLE 24, PART 3 (BASED ON THE 2025 EDITION NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA MECHANICAL CODE (CMC), CCR TITLE 24, PART 4, TITLE 24 CCR (BASED ON THE 2025 EDITION UNIFORM MECHANICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA PLUMBING CODE (CPC), CCR TITLE 24, PART 5, (BASED ON THE 2025 EDITION UNIFORM PLUMBING CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA ENERGY CODE (CEC), CCR TITLE 24, PART 6, AND ASSOCIATED ADMINISTRATIVE REGULATION IN PART 1.
- 2025 CALIFORNIA FIRE CODE (CFC), CCR TITLE 24, PART 9 (BASED ON THE 2025 EDITION INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), CCR TITLE 24, PART 10, (BASED ON THE 2025 EDITION INTERNATIONAL EXISTING BUILDING CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGreen), CCR TITLE 24, PART 11
- 2025 CALIFORNIA REFERENCED STANDARDS CODE, CCR TITLE 24, PART 12
- TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2025 CALIFORNIA WILDLAND–URBAN INTERFACE CODE, CCR TITLE 24, PART 7


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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRYAN P WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | REGISTERED PROFESSIONAL ENGINEER Kyle Wong No. M35811 Exp. 6/30/26 MECHANICAL STATE OF CALIFORNIA |
| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
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DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

MECHANICAL
LEGEND AND
GENERAL NOTES

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | M0.1 |
| Drawn K.W. | Checked E.D. |

PRINT DATE: 2/18/2026 8:43:14 AM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044 Paradise USD Honey Run-A23.rvt

# EXISTING BARD UNIT SCHEDULE

| TAG | MANUFACTURER & MODEL NO. | SERVES | EER | COP | CFM | MIN OA CFM | ELECTRICAL | | | | | | COOLING NET CAPACITY | | | | | HEATING CAPACITY | | | OPER. WEIGHT (LBS.) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ELEC. HEAT | | UNITS POWER SUPPLY | | | | TOTAL (MBH) | SENSIBLE (MBH) | EDB (°F) | EWB (°F) | AMB. (°F) | SENSIBLE (MBH) | EDB (°F) | AMB. (°F) | | |
| | | | | | | | KW | AMPS | MCA | MOCP | V | PH | | | | | | | | | | |
| (E)BARD-1 | BARD W36HY-A05MP4 | ADMIN | 11.1 | 3.3 | 1150 | 140 | 4.6 | 20 | 53 | 60 | 230 | 1 | 36 | 24 | 80 | 67 | 85 | 15.7 | 65 | 40 | 380 | 1 2 3 4 5 |
| (E)BARD-2 | BARD W36HY-A05MP4 | CLASSROOM 1 | 11.1 | 3.3 | 1150 | 340 | 4.6 | 20 | 53 | 60 | 230 | 1 | 36 | 24 | 80 | 67 | 85 | 15.7 | 65 | 40 | 380 | 1 2 3 4 5 |
| (E)BARD-3 | BARD W36HY-A05MP4 | CLASSROOM 2 | 11.1 | 3.3 | 1150 | 340 | 4.6 | 20 | 53 | 60 | 230 | 1 | 36 | 24 | 80 | 67 | 85 | 15.7 | 65 | 40 | 380 | 1 2 3 4 5 |

1. PROVIDE UL900 (CLASS 1 OR 2) (MERV 13) DISPOSABLE PLEATED FILTER.
2. PROVIDE WITH PROGRAMMABLE THERMOSTAT, SEE DETAIL 1/M5.1.
3. FOR CONTROLS, SEE DETAIL 6/M5.1.
4. PROVIDE ALL CONTROL WIRING IN CONDUIT AND ALL ACCESSORIES REQUIRED BY MANUFACTURER FOR A COMPLETE AND OPERATIONAL SYSTEM.
5. FIELD VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER AND COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.

# EXHAUST FAN SCHEDULE

| TAG | MANUFACTURER & MODEL NO. | SERVES | CFM | ESP (IN. W.G.) | DRIVE TYPE | RPM | BHP (WATTS) | HP (WATTS) | MAX. SONES | V | PH | FAN TYPE | OPER. WEIGHT (LBS.) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EF 1 | PANASONIC FV-0511VK3 | RESTROOM | 110 | 0.25 | DIRECT | 887 | -- | (23W) | 0.3 | 115 | 1 | CEILING | 50 | 1 2 3 4 5 6 7 8 |
| EF 2 | PANASONIC FV-0511VK3 | RESTROOM | 110 | 0.25 | DIRECT | 887 | -- | (23W) | 0.3 | 115 | 1 | CEILING | 50 | 1 2 3 4 5 6 7 8 |
| EF 3 | PANASONIC FV-0511VK3 | RESTROOM | 110 | 0.25 | DIRECT | 887 | -- | (23W) | 0.3 | 115 | 1 | CEILING | 50 | 1 2 3 4 5 6 7 8 |

1. PROVIDE WITH INTEGRAL BACKDRAFT DAMPER AND CEILING GRILLE.
2. PROVIDE ALL MOUNTING HARDWARE INCLUDING SEISMIC BRACING, SEE DETAIL 5/M5.1.
3. PROVIDE WITH MANUFACTURER'S FAN SPEED CONTROLLER. INSTALL AT FAN HOUSING. COORDINATE CFM WITH CERTIFIED T.A.B. AGENCY.
4. PROVIDE THERMAL OVERLOAD PROTECTION ON FAN MOTOR.
5. INTERLOCK WITH LIGHT SWITCH, SEE DETAIL 7/M5.1. SEE ELECTRICAL DRAWINGS FOR WALL SWITCH LOCATION.
6. PROVIDE WITH DISCONNECT SWITCH, BY OTHERS.
7. PROVIDE ALL CONTROL WIRING IN CONDUIT AND ALL ACCESSORIES REQUIRED BY MANUFACTURER FOR A COMPLETE AND OPERATIONAL SYSTEM.
8. FIELD VERIFY EXACT ELECTRICAL REQUIREMENTS WITH MANUFACTURER AND COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO START OF WORK.

# AIR DEVICE SCHEDULE

| TAG | MANUFACTURER & MODEL NO. | TYPE | FRAME STYLE | OBD (YES/NO) | REMARKS |
|---|---|---|---|---|---|
| A | TITUS PMC | PERFORATED SUPPLY | BORDER TYPE 3 | NO | 1 2 3 4 |
| B | TITUS PAR | PERFORATED RETURN/EXHAUST | BORDER TYPE 3 | NO | 1 2 4 |

1. SQUARE NECK WITH ROUND ADAPTOR.
2. STEEL CONSTRUCTION.
3. MODULAR CORE WITH 4-WAY DEFLECTION, U.N.O.
4. SEE DETAIL 4/M5.1.


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ARCHITECT

LICENCED ARCHITECT
BRYAN P WHITMORE
No. C 30345
Ren. 9/30/25
STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

ENGINEER

REGISTERED PROFESSIONAL ENGINEER
Exp. 6/30/26
MECHANICAL
STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

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| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

MECHANICAL SCHEDULES

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | M0.2 |
| Drawn / Checked | |
| K.W. / E.D. | |

PRINT DATE: 2/18/2026 8:43:14 AM
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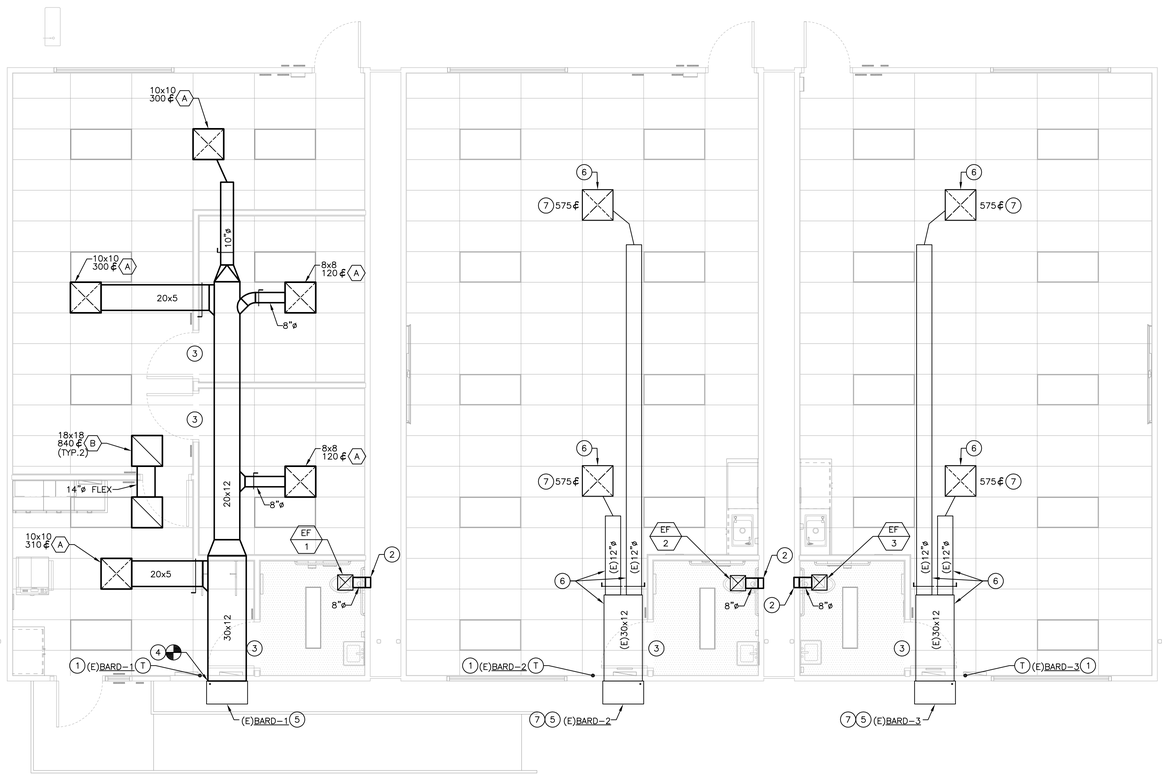


## GENERAL NOTES

A. CONTRACTOR MUST THOROUGHLY REVIEW ALL DISCIPLINES PLANS, VERIFY CONDITIONS AND COORDINATE WITH ALL OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

B. ALL EQUIPMENT, DUCTWORK AND AIR DISTRIBUTION DEVICES, MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

C. SEE DETAIL 2/M5.1 FOR DUCT TAKEOFFS.

## KEY NOTES

1. EXISTING THERMOSTAT TO REMAIN.
2. 8x8 EA LOUVER. MINIMUM 0.18 SQFT. F.A.R. MAINTAIN MINIMUM 10' CLEAR FROM OUTSIDE AIR INTAKE, SEE DETAIL 3/M5.1.
3. UNDERCUT DOOR 1".
4. POINT OF CONNECTION TO EXISTING BARD UNIT'S SUPPLY AIR ABOVE CEILING. TRANSITION AS NECESSARY TO MAKE FINAL CONNECTION TO UNIT.
5. EXISTING TO REMAIN WALL MOUNTED BARD UNIT. EXISTING RETURN GRILLE TO REMAIN. BALANCE TO CFMS SHOWN ON EXISTING BARD UNIT SCHEDULE ON M0.2.
6. EXISTING TO REMAIN DUCTWORK AND DIFFUSERS.
7. BALANCE EXISTING DIFFUSERS AS SHOWN ON FLOOR PLAN AND BALANCE OUTSIDE AIR PER SCHEDULE ON M0.2.

0' 1' 2' 4' 8'

**MECHANICAL FLOOR PLAN** 1/4" = 1'-0" 1


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| ARCHITECT | ENGINEER |
|---|---|
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| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

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| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

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6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

MECHANICAL
FLOOR PLAN

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | M2.1 |
| Drawn K.W. | Checked E.D. |

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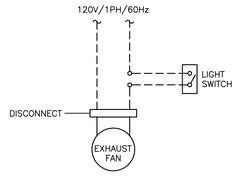
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

## NOT USED

SCALE: NONE — 10

## EXHAUST FAN CONTROL DIAGRAM

SCALE: NONE — 7



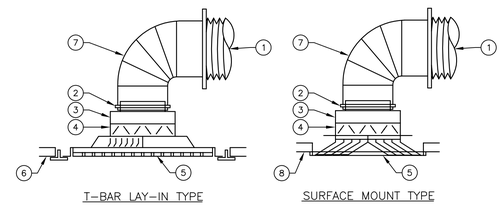

NOTE:
CONTRACTOR MUST PROVIDE ALL CONTROL WIRING INSIDE CONDUIT AND ALL OTHER ACCESSORIES REQUIRED FOR PROPER OPERATION OF SYSTEM AS RECOMMENDED BY MANUFACTURER.

- - - - - - - WIRING PROVIDED AND INSTALLED BY DIVISION 26

——————— WIRING PROVIDED AND INSTALLED BY DIVISION 23

## CEILING DIFFUSER/REGISTER DETAIL

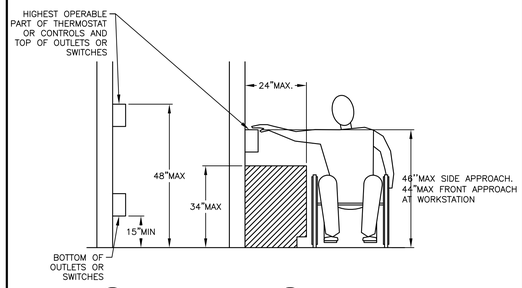
SCALE: NONE — 4




1. FLEXIBLE DUCT.
2. STAINLESS STEEL CLAMP (NO DUCT TAPE).
3. SQUARE TO ROUND ADAPTOR (WHERE INDICATED).
4. OPPOSED BLADE DAMPERS (WHERE INDICATED).
5. DIFFUSER OR GRILLE.
6. LAY-IN T-BAR CEILING.
7. RIGID 90° ELBOW.
8. HARD-LID CEILING.

## THERMOSTAT MOUNTING DETAIL

SCALE: NONE — 1




NOTE: ELECTRICAL OUTLETS, SWITCHES AND SIMILAR CONTROLS MUST BE MOUNTED A MAXIMUM OF 48" ABOVE FINISHED FLOOR, MEASURED TO THE TOP OF THE ELECTRICAL BOX.

THE MINIMUM MOUNTING HEIGHT FOR SWITCHES AND OUTLETS IS 18"A.F.F. MEASURED FROM CENTERLINE OF ELECTRICAL BOX.

## NOT USED

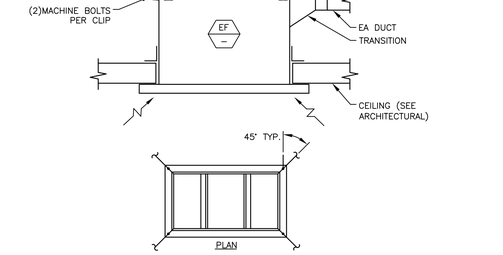
SCALE: NONE — 11

## NOT USED

SCALE: NONE — 8

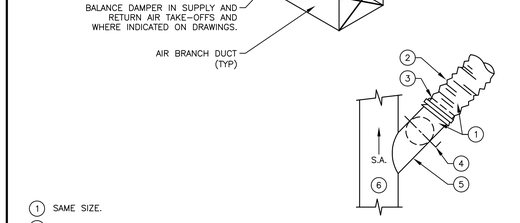
## CEILING MOUNTED EXHAUST FAN DETAIL

SCALE: NONE — 5




## DUCT TAKE-OFF DETAIL

SCALE: NONE — 2




1. SAME SIZE.
2. FLEXIBLE DUCT.
3. CLAMP (NO DUCT TAPE).
4. MANUAL BALANCING DAMPER.
5. 45° LATERAL BRANCH.
6. MAIN DUCT.

NOTE: L=1/4W (4" MIN.).

## NOT USED

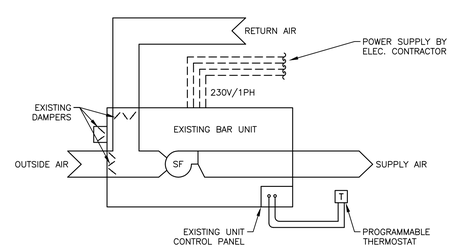
SCALE: NONE — 12

## NOT USED

SCALE: NONE — 9

## EXISTING BARD UNIT CONTROL DIAGRAM

SCALE: NONE — 6

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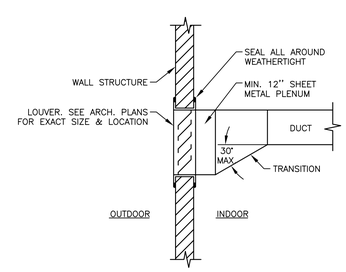
- - - - - - - WIRING PROVIDED AND INSTALLED BY DIVISION 26

——————— WIRING PROVIDED AND INSTALLED BY DIVISION 23

## LOUVER CONNECTION DETAIL

SCALE: NONE — 3





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| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

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| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

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6696 CLARK ROAD,
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DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

MECHANICAL DETAILS

| | |
|---|---|
| Date: 04/07/2026 | Project Number: 25044 |
| Application Number: 02-123854 | Drawing Number: M5.1 |
| Drawn: K.W. | Checked: E.D. |

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# PLUMBING LEGEND

| SYMBOL | ABBREVIATION | DESCRIPTION |
|---|---|---|
| | S | SEWER PIPE |
| OW | OW | OILY WASTE PIPE |
| GW | GW | GREASE WASTE PIPE |
| PW | PW | PUMPED (FORCED) WASTE PIPE |
| IW | IW | INDIRECT WASTE PIPE |
| | V | VENT PIPE |
| CW | CW | COLD WATER PIPE |
| ICW | ICW | INDUSTRIAL COLD WATER PIPE |
| SCW | SCW | SOFT COLD WATER PIPE |
| HW | HW | HOT WATER PIPE |
| IHW | IHW | INDUSTRIAL HOT WATER PIPE |
| | HWR | HOT WATER RETURN PIPE |
| 140 | 140 | 140°F HOT WATER PIPE |
| R | R | RECLAIMED WATER PIPE |
| G | G | LOW PRESSURE NATURAL GAS PIPE |
| MPG | MPG | MEDIUM PRESSURE NATURAL GAS PIPE |
| HPG | HPG | HIGH PRESSURE NATURAL GAS PIPE |
| LPG | LPG | LIQUEFIED PETROLEUM GAS PIPE |
| CD | CD | CONDENSATE DRAIN PIPE |
| SCD | SCD | SECONDARY CONDENSATE DRAIN PIPE |
| PCD | PCD | PUMPED CONDENSATE DRAIN PIPE |
| RD | RD | ROOF DRAIN PIPE |
| ORD | ORD | OVERFLOW ROOF DRAIN PIPE |
| CA | CA | COMPRESSED AIR PIPE |
| FCO | FCO | FLOOR CLEAN OUT |
| GCO | GCO | GRADE CLEAN OUT |
| WCO | WCO | WALL CLEAN OUT |
| FC | FC | FLEXIBLE CONNECTION |
| SOV | SOV | SHUT OFF VALVE |
| GC | GC | GAS COCK |
| CV | CV | CHECK VALVE |
| BV | BV | BALL VALVE |
| PRV | PRV | PRESSURE REDUCING VALVE |
| BLV | BLV | BALANCING VALVE |
| PTR | PTR | PRESSURE AND TEMPERATURE RELIEF VALVE |
| U | U | UNION |
| | | CAPPED PIPE |
| CONT | CONT | CONTINUED OR CONTINUATION |
| TP | TP | TRAP PRIMER LINE |
| WHA | WHA | WATER HAMMER ARRESTOR |
| RPBP | RPBP | REDUCED PRESSURE BACKFLOW PREVENTER |
| HB | HB | HOSE BIBB |
| | | PIPE DOWN OR DROP |
| | | PIPE UP OR RISE |
| | | VALVE ON DROP |
| | | VALVE ON RISE |
| T | T | THERMOMETER |
| AS | AS | AQUASTAT |
| P.O.D. | P.O.D. | POINT OF DISCONNECT |
| POC | POC | POINT OF CONNECTION |
| AD, FD | AD, FD | AREA DRAIN OR FLOOR DRAIN |
| FS, RR | FS, RR | FLOOR SINK OR ROOF RECEPTOR |
| VTR | VTR | VENT THROUGH ROOF |
| DEMO | DEMO | DEMOLITION OR DEMOLISH |
| RELO | RELO | RELOCATE |
| CIRC PUMP | CIRC PUMP | CIRCULATING PUMP |
| ø | DIA, DIAM | DIAMETER |

| ABBREVIATION | DESCRIPTION |
|---|---|
| ABV | ABOVE |
| A/C | ABOVE CEILING |
| AGA | AMERICAN GAS ASSOCIATION |
| ANSI | AMERICAN NATIONAL STANDARD INSTITUTE |
| ASME | AMERICAN SOCIETY FOR MECHANICAL ENGINEERS |
| ASSE | AMERICAN SOCIETY FOR SANITARY ENGINEERS |
| ASTM | AMERICAN SOCIETY FOR TESTING AND MATERIALS |
| ADA | AMERICANS WITH DISABILITIES ACT |
| AFF | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| A/G | ABOVE GRADE |
| AP | ACCESS PANEL |
| ARCH | ARCHITECT OR ARCHITECTURAL |
| BT | BATH TUB |
| BEL | BELOW |
| B/F | BELOW FLOOR |
| B/G | BELOW GRADE |
| BOP | BOTTOM OF PIPE |
| B/S | BELOW SLAB |
| BTU | BRITISH THERMAL UNIT |
| BTUH | BRITISH THERMAL UNITS PER HOUR |
| CBC | CALIFORNIA BUILDING CODE |
| CEC | CALIFORNIA ELECTRICAL CODE |
| CFC | CALIFORNIA FIRE CODE |
| CMC | CALIFORNIA MECHANICAL CODE |
| CPC | CALIFORNIA PLUMBING CODE |
| CI | CAST IRON |
| CISPI | CAST IRON SOIL PIPE INSTITUTE |
| CLG | CEILING |
| CP | CIRCULATION PUMP |
| CL | CLARIFIER |
| CLR | CLEAR |
| CONC | CONCRETE |
| CONN | CONNECT OR CONNECTION |
| CONTR | CONTRACTOR |
| CFH | CUBIC FEET PER HOUR |
| CFM | CUBIC FEET PER MINUTE |
| °C | DEGREES CELSIUS |
| °F | DEGREES FAHRENHEIT |
| DIV | DIVISION |
| DWG(S) | DRAWING(S) |
| EA | EACH |
| (E) | EXISTING |
| ELEC | ELECTRICAL |
| ELEV | ELEVATION |
| ET | EXPANSION TANK |
| FF | FINISHED FLOOR |
| FPM | FEET PER MINUTE |
| FLR | FLOOR |
| FT | FEET OR FOOT |
| FU | FIXTURE UNIT |
| FOG | FAT, OIL, AND GREASE |
| GA | GAUGE |
| GALV | GALVANIZED |
| GPC | GALLONS PER CYCLE |
| GPF | GALLONS PER FLUSH |
| GPH | GALLONS PER HOUR |
| GPM | GALLONS PER MINUTE |
| GD | GARBAGE DISPOSAL |
| HD | HEAD |
| GI | GREASE INTERCEPTOR |
| HDR | HEADER |
| HR | HOUR |
| IM | ICE MAKER SUPPLY BOX |
| IES | ILLUMINATING ENGINEERS SOCIETY |
| IND | INDIRECT |
| IAPMO | INTERNATIONAL ASSOCIATION OF PLUMBERS AND MECHANICAL OFFICIALS |
| IBC | INTERNATIONAL BUILDING CODE |
| IMC | INTERNATIONAL MECHANICAL CODE |
| IPC | INTERNATIONAL PLUMBING CODE |
| INV | INVERT |
| IE | INVERT ELEVATION |
| KEC | KITCHEN EQUIPMENT CONTRACTOR |
| KG | KILOGRAMS |
| KPQ | KILOPASCALS |
| KS | KITCHEN SINK |
| LS | LAUNDRY SINK |
| L, LAV | LAVATORY |
| L/S | LITERS PER SECOND |
| LPF | LITERS PER FLUSH |
| MH | MANHOLE |
| MFR | MANUFACTURER |
| MSS | MANUFACTURERS STANDARDIZATION SOCIETY |
| MAX | MAXIMUM |
| MECH | MECHANICAL |
| MSA | MEDIUM PRESSURE GAS METER SET ASSEMBLY |
| MIL | 0.001 INCH |
| mm | MILLIMETER |
| MIN | MINIMUM |
| MS | MOP SINK |
| MTD | MOUNTED |
| NSF | NATIONAL SANITATION FOUNDATION |
| NPSH | NET POSITIVE SUCTION HEAD |
| NOM | NOMINAL |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| NO | NUMBER |
| PLBG | PLUMBING |
| PDI | PLUMBING AND DRAINAGE INSTITUTE |
| PE | POLYETHYLENE |
| LBS | POUNDS |
| PSIG | POUNDS PER SQUARE INCH GAUGE |
| PD | PRESSURE DROP |
| QTY | QUANTITY |
| REQ'D | REQUIRED |
| RI | ROUGH-IN |
| SCH | SCHEDULE |
| SH | SHOWER |
| SOV | SHUT-OFF VALVE |
| SPEC | SPECIFICATION |
| SF | SQUARE FEET |
| SS | STAINLESS STEEL |
| STRUC | STRUCTURAL |
| TEMP | TEMPERATURE |
| MBH | THOUSANDS OF BRITISH THERMAL UNITS PER HOUR |
| THRU | THROUGH |
| TDH | TOTAL DEVELOPED HEAD |
| TDL | TOTAL DEVELOPED LENGTH |
| TEL | TOTAL EQUIVALENT LENGTH |
| TYP | TYPICAL |
| UNO | UNLESS NOTED OTHERWISE |
| UL | UNDERWRITERS LABORATORIES |
| UBC | UNIFORM BUILDING CODE |
| UMC | UNIFORM MECHANICAL CODE |
| UPC | UNIFORM PLUMBING CODE |
| UR | URINAL |
| VCP | VITRIFIED CLAY PIPE |
| V/PH/Hz | VOLTS/PHASE/HERTZ |
| WB, WSB | WASHING MACHINE SUPPLY BOX |
| WC | WATER CLOSET |
| WHA | WATER HAMMER ARRESTOR |
| WH | WATER HEATER |
| YB | YARD BOX |

# PLUMBING GENERAL NOTES:

1. THESE DOCUMENTS MAY NOT BE USED FOR ANY REPRODUCTION, BIDDING, OR CONSTRUCTION UNLESS AUTHORIZED, IN WRITING, BY SALAS O'BRIEN AND THE ENGINEER OF RECORD RESPONSIBLE FOR THEIR PREPARATION.
2. CONTRACTOR MUST FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITY PIPES PRIOR TO START OF WORK. NECESSARY ADJUSTMENTS TO THE PLUMBING LAYOUT MUST BE DONE AT NO EXTRA COST.
3. CONTRACTOR MUST NOTIFY ALL LOCAL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE GAS COMPANY, ELECTRIC COMPANY, TELEPHONE COMPANY, AND THE WATER DEPARTMENT, ABOUT THE EXTENT OF PLUMBING WORK. ALL EXCAVATION WORK MUST BE APPROVED BY ALL UTILITY COMPANIES TO ASSURE PREVENTION OF INTERRUPTION OF EXISTING SERVICES PRIOR TO START OF WORK.
4. ALL PLUMBING WORK MUST MEET OR EXCEED THE REQUIREMENTS OF THE CALIFORNIA PLUMBING CODE, CALIFORNIA BUILDING CODE, CALIFORNIA MECHANICAL CODE, CALIFORNIA ADMINISTRATIVE CODE. TITLE 24, AMERICANS WITH DISABILITIES ACT (ADA), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), THE LOCAL CITY AND COUNTY CODES, AND ALL OTHER CODES HAVING JURISDICTION. IN CASE OF CONFLICT, THE MORE STRICT REGULATIONS MUST GOVERN.
5. ALL PLUMBING WORK MUST BE COORDINATED WITH THE WORKS OF OTHER TRADES PRIOR TO START OF WORK. NECESSARY ADJUSTMENTS MUST BE MADE AT NO EXTRA COST.
6. FOR MINIMUM PIPE SIZE CONNECTIONS TO EACH PLUMBING FIXTURE SEE PLUMBING FIXTURE SCHEDULE. THESE VALUES ARE MINIMUM; LARGER CONNECTIONS MAY RESULT BASED ON THE DIFFERENT MANUFACTURER'S RECOMMENDATIONS.
7. MANUFACTURER'S NAMES AND MODEL NUMBERS SHOWN FOR PLUMBING FIXTURES AND EQUIPMENT ARE FOR REFERENCE ONLY. OTHER MANUFACTURERS WHICH CAN MEET THE DESIGN REQUIREMENTS OF THE PLUMBING SYSTEM MAY BE SUBSTITUTED UPON APPROVAL FROM THE ARCHITECT AND THE OWNER.
8. PROVIDE DIELECTRIC FITTINGS FOR DISSIMILAR METALS IN CONTACT.
9. PROVIDE HANGERS AND SUPPORTS FOR PIPING IN ACCORDANCE WITH THE RECOMMENDATIONS OF MSS SP-69-2003.
10. PROVIDE VALVES AT THE FOLLOWING LOCATIONS:
    A. WATER MAIN SHUT-OFF VALVE IN VALVE BOX.
    B. VALVE WITH HOSE CONNECTION ON DOWNSTREAM SIDE OF THE MAIN SHUT-OFF VALVE.
    C. SHUT-OFF VALVE ON EACH SUPPLY TO EACH FIXTURE AND EQUIPMENT ITEM NOT PROVIDED WITH CONTROL STOP OR OTHER AUXILIARY SHUT-OFF VALVE. INSTALL SHUT-OFF VALVES SO THAT STEMS EITHER ARE VERTICAL WITH HANDWHEELS OR OPERATORS ON TOP OR ARE HORIZONTAL AND SO THAT VALVES ARE EASILY ACCESSIBLE FOR OPERATION, SERVICE, REMOVAL AND REPLACEMENT.
11. PROVIDE SLEEVES FOR ALL PIPE AND TUBING PASSING THROUGH FLOORS, ROOFS, AND WALLS. PACK CAULK INTO THE SPACE AROUND THE PIPE OR TUBING. PROVIDE FLASHING FOR ALL PIPES EXTENDING THROUGH THE ROOF.
12. ALL VENT TERMINATIONS AT ROOF MUST BE AT LEAST 10 FEET AWAY FROM OUTSIDE AIR INTAKES, OPERABLE WINDOWS, AND BUILDING OPENINGS.
13. FILL CRACKS BETWEEN FIXTURES AND WALL/FLOORS WITH SILICONE RUBBER SEALANT.
14. LOCATE, SIZE, AND INSTALL WATER HAMMER ARRESTERS IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE STANDARD NO. WH-201.
15. INSTALL FIXTURES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. CONFIGURE OUTLET OF FLOOR-MOUNTED FIXTURES TO DRAINAGE CONNECTIONS AND FLOOR IN A RIGID MANNER. RIGIDLY SUPPORT WALL-HUNG FIXTURES BY MEANS OF METAL SUPPORTING MEMBERS. USE CHROMIUM-PLATED BRASS BOLTS, NUTS, AND WASHERS, WHERE EXPOSED. ALL CONNECTIONS MUST BE MADE GAS-TIGHT AND WATER-TIGHT. USE OF PUTTY AND PLASTICS FOR GASKETS WILL NOT BE PERMITTED.
16. PROVIDE ALL FIXTURE COMPONENTS AS INDICATED ON DRAWINGS. PROVIDE ADDITIONAL COMPONENTS AS PER MANUFACTURER'S RECOMMENDATIONS FOR PROPER OPERATION OF THE FIXTURES.
17. PROVIDE EACH PLUMBING FIXTURE (INCLUDING HOSE BIBBS) WITH AN INDIVIDUAL STOP OR COMPRESSION VALVE OF POLISHED CHROME-PLATED LOOSE KEY TYPE.
18. WHERE DEPTHS OR INVERTS ELEVATIONS ARE NOT INDICATED, PROVIDE MINIMUM COVERAGE (ABOVE TOP OF PIPES) AS FOLLOWS:
    A. ANY PIPING UNDER SLAB (TOP OF PIPE TO UNDERSIDE OF SLAB): 18 INCHES.
    B. CAST IRON AND COPPER PIPES IN OTHER LOCATIONS: 18 INCHES.
    C. EXCAVATE TO UNDISTURBED EARTH: CUT LEVEL AND FORM TRUE. REMOVE DEBRIS, RUBBISH AND SOFT MATERIAL (SUCH AS MUD). WHERE ROCK IS ENCOUNTERED, UNDERCUT TRENCHES 6-INCHES AND FILL WITH WELL TAMPED NEUTRAL SAND AND PEA GRAVEL TO PROPER PIPE ELEVATION. DURING EXCAVATION FREE OF STANDING WATER. UNDERCUT TRENCH 6-INCHES AND INSTALL PIPING IN A 6-INCH NEUTRAL SAND ENVELOPE.
19. BACKFILL TO A POINT 12-INCHES ABOVE TOP OF PIPING WITH EARTH (EXCAVATED MATERIAL MAY BE USED) FREE OF CLAY, DEBRIS, RUBBISH, ROCKS, OR CLODS OVER 4-INCHES IN THE GREATEST DIMENSION. BACKFILL ABOVE 12-INCHES FROM TOP OF PIPING MAY BE WITH EXCAVATED MATERIAL. APPLY BACKFILL BY HAND IN 6-INCH DEEP LAYERS. THE FULL WIDTH OF THE TRENCH. MOISTEN EACH LAYER (DO NOT FLOOD OR PUDDLE), AND HAND TAMP TO A MINIMUM 90 PERCENT COMPACTION BEFORE PROCEEDING WITH THE NEXT LAYER OF BACKFILL.
20. DO NOT EXCAVATE UNDER FOUNDATIONS OR FOOTINGS EXCEPT IN MANNER PERMITTED BY THE ARCHITECT. DO NOT BACKFILL UNTIL INSTALLED PIPING HAS BEEN SUCCESSFULLY TESTED.
21. VERIFICATION OF WATER AGENCY APPROVAL MUST BE SUBMITTED TO THE BUILDING AND SAFETY DIVISION PRIOR TO ISSUANCE OF A PLUMBING PERMIT FOR THIS PROJECT.
22. ALL PENETRATIONS THRU FIRE RATED ASSEMBLIES MUST BE PACKED WITH APPROVED FIRE PROOFING. FOR LOCATIONS OF FIRE RATED ASSEMBLIES, SEE ARCHITECTURAL PLANS.
23. ROUTE ALL PIPES AS HIGH AS POSSIBLE IN EXPOSED LOCATIONS. COORDINATE ROUTING WITH ALL OTHER TRADES PRIOR TO START OF WORK.
24. NO SPRAY FOAM INSULATION MUST BE APPLIED TO AREAS CONTAINING PEX PIPING.

# ANCHORAGE AND BRACING NOTES

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS MUST BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26, AND ASCE 7-16 CHAPTERS 13, 26 AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS
2. TEMPORARY, MOVEABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH HEAVIER THAN 400 POUNDS OR HAS A CENTER MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE NOR BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BE DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

MEP DISTRIBUTION SYSTEM BRACING NOTE FOR PIPING, DUCTWORK, AND ELECTRICAL CONDUIT

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE 7 SECTIONS 13.6.5, 13.6.6, 13.6.7, AND 13.6.8 AND 2025 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16-13.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☑ E☐ OPTION 1: PROJECT-SPECIFIC DESIGN.

MP☐ MD☐ PP☐ E☐ OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL.

MP☐ MD☐ PP☐ E☐ OPTION 3: DESIGN BASED ON OSHPD OPM, DEFERED SUBMITTAL.

# PLUMBING MANDATORY MEASURES

1. ALL PLUMBING SYSTEM COMPONENTS MUST MEET OR EXCEED THE REQUIREMENTS OF CURRENT CBC, CMC, CPC, NEC, NFPA, ASTM, ANSI, AND ALL LOCAL AND STATE CODE REQUIREMENTS. (SEE BELOW)
2. ALL PLUMBING EQUIPMENT LISTED IN OF THE 2022 CALIFORNIA CODE OF REGULATIONS (CCR), TITLE-24, PART 6, SECTION 110.3 ENERGY EFFICIENCY STANDARDS MUST BE CERTIFIED BY THE MANUFACTURER TO MEET OR EXCEED SPECIFICATIONS OR EFFICIENCIES ADOPTED BY THE CEC.
3. ALL HEATERS FOR DOMESTIC HOT WATER MUST BE CERTIFIED BY THE MANUFACTURER TO MEET THE SPECIFICATIONS OR EFFICIENCIES AS ADOPTED BY THE CEC IN ACCORDANCE WITH THE 2022 CALIFORNIA CODE OF REGULATIONS (CCR), TITLE-24, PART 6, SECTION 110.3 RESIDENTIAL NON-RESIDENTIAL.
4. ALL INSULATING MATERIALS INSTALLED MUST BE CERTIFIED BY CALIFORNIA ENERGY COMMISSION TO MEET 2022 CALIFORNIA CODE OF REGULATIONS, TITLE-24, PART 6, ENERGY EFFICIENCY STANDARDS, SECTION 120.3 AND TABLE 4-15.
5. ALL INSULATION INSTALLED MUST MEET THE FLAME SPREAD AND SMOKE DENSITY REQUIREMENTS OF 2022 CBC, PART 1, SECTION 720 AND 2022 CMC. SECTION 602.2.
6. ALL PIPING EXPOSED TO WEATHER MUST BE METALLIC.
7. ALL FERROUS PIPING EXPOSED TO WEATHER MUST BE GALVANIZED AND PAINTED.
8. ALL PIPES, FITTINGS AND FIXTURES USED TO CONVEY POTABLE WATER MUST BE LEAD FREE IN COMPLIANCE WITH CPC SECTION 604.2.
9. ALL FIXTURES REQUIRED TO BE ACCESSIBLE MUST BE INSTALLED AS PER THE LATEST REQUIREMENTS OF TITLE 24 AND ADA (AMERICANS WITH DISABILITIES ACT).
10. CROSS CONNECTION PROTECTION MUST BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
11. A WATER HEATER PRESSURE AND TEMPERATURE RELIEF DRAIN THAT TERMINATES OUTSIDE THE BUILDING MUST COMPLY WITH CPC SECTION 608.5.
12. WATER HEATER MUST BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION PER CPC SECTION 507.2.
13. WATER HEATER MUST COMPLY WITH CPC SECTION 608.3, FOR THERMAL EXPANSION REQUIREMENTS.
14. LAVATORY FAUCETS IN PUBLIC RESTROOM MUST BE SELF CLOSING TYPE.
15. NONRESIDENTIAL LAVATORY FAUCETS MUST BE 0.4 GPM MAXIMUM.
16. METERING FAUCETS MUST BE 0.2 GPC MAXIMUM.
17. WATER CLOSETS (GRAVITY TANK TYPE, FLUSHOMETER TANK, FLUSHOMETER VALVE AND ELECTROMECHANICAL HYDRAULIC TYPE) MUST BE 1.28 GPF MAXIMUM.
18. FLOOR-MOUNT URINALS MUST BE 0.5 GPF MAXIMUM. WALL-MOUNT URINALS MUST BE 0.125 GPF MAXIMUM.
19. ALL INSTALLATION OF PEX PIPE INSTALLED IN NEW CONSTRUCTION MUST BE FLUSHED TWICE OVER A PERIOD OF AT LEAST ONE WEEK PER CPC SECTION 604.1.2. PEX.
    1) AT THE TIME OF FILL, EACH NEW PLUMBING FIXTURE MUST HAVE A REMOVABLE TAG APPLIED STATING:
       a. THIS NEW PLUMBING SYSTEM MUST BE FIRST FILLED AND FLUSHED ON _____(DATE) BY _____(NAME). THE STATE OF CALIFORNIA REQUIRES THAT THE SYSTEM BE FLUSHED AFTER STANDING AT LEAST ONE WEEK AFTER THE FILL DATE SPECIFIED ABOVE. IF THIS SYSTEM IS USED EARLIER THAN ONE WEEK AFTER THE FILL DATE ABOVE, IF THIS SYSTEM IS USED EARLIER THAN ONBE WEEK AFTER THE FILL DATE, THE WATER MUST BE ALLOWED TO RUN FOR AT LEAST TWO MINUTES PRIOR TO USE FOR HUMAN CONSUMPTION. THE TAG MAY NOT BE REMOVED PRIOR TO THE COMPLETION OF THE REQUIRED SECOND FLUSHING, EXCEPT BY BUILDING OWNER OR OCCUPANT.
    2) PRIOR TO ISSUING A BUILDING PERMIT TO INSTALL PEX PIPE, THE BUILDING OFFICIAL MUST REQUIRE AS PART OF THE PERMITTING PROCESS THAT THE CONTRACTOR; OR THE APPROPRIATE PLUMBING SUBCONTRACTORS, PROVIDE WRITTEN CERTIFICATION THAT HE OR SHE WILL COMPLY WITH THE FLUSHING PROCEDURES SET FORTH BY CODE.
    3) THE BUILDING OFFICIAL MUST NOT GIVE FINAL PERMIT APPROVAL FOR ANY PEX PLUMBING INSTALLATION UNLESS HE OR SHE FINDS THAT THE MATERIAL HAS BEEN INSTALLED IN COMPLIANCE WITH THE REQUIREMENTS OF THE CODE, INCLUDING THE REQUIREMENTS TO FLUSH AND TAG THE SYSTEMS.
    4) ANY CONTRACTOR OR SUBCONTRACTOR FOUND TO HAVE FAILED TO COMPLY WITH THE PEX FLUSHING REQUIREMENTS MUST BE SUBJECT TO THE PENALTIES IN HEALTH AND SAFETY CODE, DIVISION 13, PART 1.5, CHAPTER 6 (SECTION 17995, et seq.).

# APPLICABLE CODES

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), CCR PART 1, TITLE 24
- 2025 CALIFORNIA BUILDING CODE (CBC), CCR TITLE 24, PARTS 1 & 2 (BASED ON THE 2025 EDITION INTERNATIONAL BUILDING CODE, VOLS. 1 & 2)
- 2025 CALIFORNIA ELECTRICAL CODE (CEC), CCR TITLE 24, PART 3 (BASED ON THE 2025 EDITION NATIONAL ELECTRICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA MECHANICAL CODE (CMC), CCR TITLE 24, PART 4, TITLE 24 CCR (BASED ON THE 2025 EDITION UNIFORM MECHANICAL CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA PLUMBING CODE (CPC), CCR TITLE 24, PART 5, (BASED ON THE 2025 EDITION UNIFORM PLUMBING CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA ENERGY CODE (CEC), CCR TITLE 24, PART 6, AND ASSOCIATED ADMINISTRATIVE REGULATION IN PART 1.
- 2025 CALIFORNIA FIRE CODE (CFC), CCR TITLE 24, PART 9 (BASED ON THE 2025 EDITION INTERNATIONAL FIRE CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), CCR TITLE 24, PART 10, (BASED ON THE 2025 EDITION INTERNATIONAL EXISTING BUILDING CODE WITH CALIFORNIA AMENDMENTS)
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGreen), CCR TITLE 24, PART 11
- 2025 CALIFORNIA REFERENCED STANDARDS CODE, CCR TITLE 24, PART 12
- TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2025 CALIFORNIA WILDLAND-URBAN INTERFACE CODE, CCR TITLE 24, PART 7


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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRYAN P. WHITSON No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | REGISTERED PROFESSIONAL ENGINEER Exp. 6/30/26 No. M35811 MECHANICAL STATE OF CALIFORNIA |
| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

PLUMBING LEGEND AND GENERAL NOTES

| | |
|---|---|
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# MANDATORY CALGREEN CHECKLIST

| WATER EFFICIENCY AND CONSERVATION<br>INDOOR WATER USE | MANDATORY |
|---|---|
| 5.303.1 METERS. SEPARATE METERS MUST BE INSTALLED FOR THE USES DESCRIBED IN SECTIONS 5.303.1.1 AND 3.303.1.2.<br>5.303.1.1 BUILDINGS IN EXCESS OF 50,000 SQUARE FEET. SEPARATE SUBMETERS MUST BE INSTALLED AS FOLLOWS:<br>1. FOR EACH INDIVIDUAL LEASED, RENTED OR OTHER TENANT SPACE WITHIN THE BUILDING PROJECTED TO CONSUME MORE THAN 100GAL/DAY.<br>2. WHERE SEPARATE SUBMETERS FOR INDIVIDUAL BUILDINGS TENANTS ARE UNFEASABLE, FOR WATER SUPPLIED TO THE FOLLOWING SUBSYSTEMS:<br>a. MAKEUP WATER FOR COOLING TOWERS WHERE FLOW THROUGH IS GREATER THAN 500 GPM (30L/S)<br>b. MAKEUP WATER FOR EVAPORATIVE COOLERS GREATER THAN 6 GPM (0.04 L/S)<br>c. STEAM AND HOT-WATER BOILERS WITH ENERGY INPUT MORE THAN 500,000 Btu/h (147 kW)<br>5.303.1.2 EXCESS CONSUMPTION. ANY BUILDING OR A SPACE WITHIN A BUILDING THAT IS PROJECTED TO CONSUME MORE THAN 1,000 GAL/DAY (3800 L/DAY) | |
| 5.303.2 20 PERCENT SAVINGS. A SCHEDULE OF PLUMBING FIXTURES AND FIXTURE FITTINGS THAT WILL REDUCE THE OVERALL USE OF POTABLE WATER WITHIN THE BUILDING BY 20 PERCENT MUST BE PROVIDED.<br>(CALCULATE SAVINGS BY WATER USE WORKSHEETS)<br>5.303.2.1 MULTIPLE SHOWERHEADS SERVING ONE SHOWER. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL THE SHOWERHEADS CONTROLLED BY A SINGLE VALVE MUST NOT EXCEED THE MAXIMUM FLOW RATE AT > 20 PERCENT REDUCTION CONTAINED IN TABLE 5.303.2.3 OR THE SHOWER MUST BE DESIGNED TO ONLY ALLOW ONE SHOWERHEAD TO BE IN OPERATION AT A TIME. | |
| 5.303.4 WASTEWATER REDUCTION. EACH BUILDING MUST REDUCE THE GENERATION OF WASTEWATER BY ONE OF THE FOLLOWING METHODS:<br>1. THE INSTALLATION OF WATER-CONSERVING FIXTURES OR<br>2. UTILIZING NONPOTABLE WATER SYSTEMS. | |
| 5.303.6 PLUMBING FIXTURES AND FITTINGS. PLUMBING FIXTURES (WATER CLOSETS AND URINALS) AND FITTINGS (FAUCETS AND SHOWERHEADS) MUST COMPLY WITH THE REQUIREMENTS LISTED FOR EACH TYPE IN ITEMS LISTED IN TABLE 5.303.6.<br>1. WATER CLOSETS (TOILETS) – FLUSHOMETER TYPE<br>2. WATER CLOSETS (TOILETS) – TANK TYPE<br>3. URINALS<br>4. PUBLIC LAVATORY FAUCETS<br>5. PUBLIC METERING SELF-CLOSING FAUCETS<br>6. RESIDENTIAL BATHROOM LAVATORY SINK FAUCETS<br>7. RESIDENTAL KITCHEN FAUCETS<br>8. RESIDENTIAL SHOWER HEADS<br>9. SINGLE SHOWER FIXTURES SERVED BY MORE THAN ONE SHOWERHEAD | |

# WATER REDUCTION FIXTURE FLOW RATES

PER 2022 CALIFORNIA GREEN BUILDING CODE – TABLE A5.303.2.3.1

| FIXTURE TYPE | MAXIMUM FLOW RATE |
|---|---|
| LAVATORY FAUCETS NONRESIDENTIAL | 0.5 GPM @ 60 PSI |
| KITCHEN FAUCETS | 1.8 GPM AT 60 PSI |
| WASH FOUNTAINS | 1.8 [RIM SPACE (IN.)/20 GPM AT 60 PSI] |
| METERING FAUCETS | 0.20 GALLONS/CYCLE |
| METERING FAUCETS FOR WASH FOUNTAINS | 0.20 GALLONS/CYCLE/20 [RIM SPACE (IN.)@ 60 PSI] |

EACH PLUMBING FIXTURE AND FITTING MUST MEET THE FLOW RATE SPECIFIED IN 2022 CAL GREEN TABLE A5.303.2.3.1

# WATER CONSERVATION FIXTURE FLOW RATES

PER 2022 CALIFORNIA GREEN BUILDING CODE SECTION 5.303.3

| FIXTURE TYPE | MAXIMUM BASELINE FLOW RATE |
|---|---|
| WATER CLOSETS | 1.28 GALLONS PER FLUSH |
| URINALS (FLOOR-MOUNT/WALL-MOUNT) | 0.5/0.125 GALLONS PER FLUSH |
| SHOWERHEADS | 1.8 GPM AT 80 PSI |

PLUMBING FIXTURES (WATER CLOSETS AND URINALS) AND FITTINGS (FAUCETS AND SHOWERHEADS) MUST COMPLY WITH 5.303.3.

# PLUMBING FIXTURES AND FIXTURE FITTINGS

PER 2022 CALIFORNIA PLUMBING CODE – TABLE 1701.1

| REQUIRED STANDARDS | |
|---|---|
| WATER CLOSETS (TOILETS) – FLUSHOMETER VALVE TYPE SINGLE FLUSH, MAXIMUM FLUSH VOLUME | ASME A 112.19.2/CSA B45.1 – 1.28 GPF (4.8 L) |
| WATER CLOSETS (TOILETS) – FLUSHOMETER VALVE TYPE DUAL FLUSH, MAXIMUM FLUSH VOLUME | ASME A 112.19.2 AND USEPA WATERSENSE TANK-TYPE HIGH-EFFICIENCY TOILET SPECIFICATION – 1.28 GPF (4.8 L) |
| WATER CLOSETS (TOILETS) – TANK TYPE | U.S. EPA WATERSENSE TANK-TYPE HIGH EFFICIENCY TOILET SPECIFICATION |
| PUBLIC LAVATORY FAUCETS: MAXIMUM FLOW RATE – 0.5 GPM (1.9 L/MIN.) | ASME A 112.18.1/CSA B125.1 |
| PUBLIC METERING SELF-CLOSING FAUCETS: MAXIMUM FLOW RATE – 0.25 (1.0 L) PER METERING CYCLE | ASME A 112.18.1/CSA B125.1 |

PLUMBING FIXTURES (WATER CLOSETS AND URINALS) AND FITTINGS (FAUCETS AND SHOWERHEADS) MUST MEET THE STANDARDS REFERENCED IN TABLE 5.303.6.

# PLUMBING PIPE MATERIAL SCHEDULE

| SERVICE | LOCATION | PIPE MATERIAL | SLOPE |
|---|---|---|---|
| WATER | ABOVE GRADE | ASTM B88 TYPE "L" HARD DRAWN COPPER WITH WROUGHT COPPER FITTINGS. | 1/32" PER 1' |
| | BELOW GRADE | ASTM B88 TYPE "K" HARD DRAWN COPPER, FACTORY INSULATED, WITH WROUGHT COPPER FITTINGS. | 1/32" PER 1' |
| SEWER AND VENT | ABOVE GRADE | ASTM A888 HUBLESS CAST IRON PIPE AND DWV FITTINGS MUST CONFORM TO CPC AND BEAR THE COLLECTIVE TRADEMARK OF CISPI AND NSF. | 1/4" PER 1' |
| | BELOW GRADE | SOLID WALL PVC PER ASTM D1785/D2665, DRAIN, WASTE AND VENT. PVC SOCKET FITTINGS PER ASTM D2665. CELLULAR/FOAM CORE PIPING MUST NOT BE ACCEPTABLE. | 1/4" PER 1' |

# PIPE INSULATION THICKNESS

PER 2022 CALIFORNIA ENERGY CODE TABLE 120.3-A

| FLUID OPERATING TEMPERATURE RANGE (°F) | INSULATION CONDUCTIVITY (IN BTU-IN/H PER SQ. FT° °F) | INSULATION CONDUCTIVITY MEAN RATING TEMPERATURE (°F) | | NOMINAL PIPE DIAMETER(INCHES) <1 | 1 – < 1.5 | 1.5 – < 4 | 4 – < 8 | 8 AND LARGER |
|---|---|---|---|---|---|---|---|---|
| SPACE HEATING, SERVICE WATER HEATING SYSTEMS (STEAM, STEAM CONDENSATE, REFRIGERANT, SPACE HEATING, SERVICE HOT WATER) | | | | INSULATION THICKNESS REQUIRED (IN INCHES) | | | | |
| | | | | MINIMUM PIPE INSULATION REQUIRED (THICKNESS IN INCHES OR R-VALUE) | | | | |
| ABOVE 350 | 0.32 – 0.34 | 250 | INCHES | 4.5 | 5.0 | 5.0 | 5.0 | 5.0 |
| | | | R-VALUE | R37 | R41 | R37 | R27 | R23 |
| 251-350 | 0.29 – 0.31 | 200 | INCHES | 3.0 | 4.0 | 4.5 | 4.5 | 4.5 |
| | | | R-VALUE | R24 | R34 | R35 | R26 | R22 |
| 201-250 | 0.27 – 0.30 | 150 | INCHES | 2.5 | 2.5 | 2.5 | 3.0 | 3.0 |
| | | | R-VALUE | R21 | R20 | R17.5 | R17 | R14.5 |
| 141-200 | 0.25 – 0.29 | 125 | INCHES | 1.5 | 1.5 | 2.0 | 2.0 | 2.0 |
| | | | R-VALUE | R11.5 | R11 | R14 | R11 | R10 |
| 105-140 | 0.22 – 0.28 | 100 | INCHES | 1.0 | 1.5 | 1.5 | 1.5 | 1.5 |
| | | | R-VALUE | R7.7 | R12.5 | R11 | R9 | R8 |
| | | | | NOMINAL PIPE DIAMETER(INCHES) <=1 | 1 – < 1.5 | 1.5 – < 4 | 4 – < 8 | 8 < |
| SPACE COOLING SYSTEMS (CHILLED WATER, REFRIGERANT AND BRINE) | | | | MINIMUM PIPE INSULATION REQUIRED (THICKNESS IN INCHES OR R-VALUE) | | | | |
| 40-60 | 0.21 – 0.27 | 75 | INCHES | NONRES 0.5 / RES 0.5 | NONRES 0.5 / RES 0.5 | 1.0 | 1.0 | 1.0 |
| | | | R-VALUE | R3 / R6 | R3 / R5 | | | 1.0 |
| BELOW 40 | 0.20 – 0.26 | 50 | INCHES | 1.0 | 1.5 | 1.5 | 1.5 | 1.5 |
| | | | R-VALUE | R8.5 | R14 | R12 | R10 | R9 |

# PLUMBING EQUIPMENT SCHEDULE

| TAG | EQUIPMENT | LOCATION | MANUFACTURER | MODEL | REMARKS |
|---|---|---|---|---|---|
| WH 1 | INSTA-HOT WATER HEATER | UNDER LAV | CHRONOMITE | M-20L240 | 20A/240V/1PH. PRESET TO 104°, 6LB (OPER. WT). LOW FLOW OPTION. PROVIDE ALL HARDWARE REQUIRED BY MANUFACTURER. |

# PLUMBING FIXTURE SCHEDULE

| SYMBOL | FIXTURE | MIN. PIPE SIZE CW | HW | V | S | REMARKS |
|---|---|---|---|---|---|---|
| WC 1 | WATER CLOSET (ADA) | 1-1/2" | -- | 2" | 4" | AMERICAN STANDARD MODEL 3461.001 MADERA FLO WISE. 16 1/2" RIM HEIGHT. INSTALL WITH ELONGATED SEAT OLSONITE 95CT/95SSCT. INSTALL WITH SENSORED BATTERY OPERATED FLUSHOMETER SLOAN G2 8111-1.28, 1.28 GALLON PER FLUSH. |
| LAV 1 | LAVATORY | 3/4" | -- | 1-1/2" | 2" | AMERICAN STANDARD WALL-HUNG LUCERNE 0356.421, SINGLE CENTER FAUCET HOLE, INSTALL WITH CHICAGO FAUCET 3500-E2805ABCP, SINGLE METERING FAUCET, 0.5 GPM VANDAL-RESISTANT PRESSURE-COMPENSATING SPRAY, PUSH-BUTTON, 4" COVER PLATE ASSEMBLY, SET METERING FAUCET TO 10 SECONDS MINIMUM. |
| (E)LAV-2 | (E) LAVATORY (UNDERCOUNTER) | 3/4" | -- | 1-1/2" | 2" | EXISTING TO BE REUSED. CLEAN AND REFURBISH TO ORIGINAL WORKING CONDITION. |
| LAV 3 | LAVATORY | 3/4" | 3/4" | 1-1/2" | 2" | AMERICAN STANDARD SINK LUCERNE MODEL 0355.012, 4" CENTERS. INSTALL WITH AMERICAN STANDARD FAUCET "RELIANT" #7385004.002, 0.5 FLOW AERATOR, INSTALL WITH MIXING VALVE TO REDUCE HOT WATER TEMP. T=104 DEGREES. INSTALL W/ ZURN LAVATORY SINK CARRIER. PROVIDE "HANDY SHIELD" P-TRAP AND SUPPLIES COVER. |
| HB 1 | HOSE BIBB | 3/4" | -- | -- | -- | ZURN #Z1341-BFP, FREEZE-PROOF EXPOSED, ANTI-SIPHON WALL MOUNT, EXTERNAL BACKFLOW PREVENTER, ALL BRONZE COMPONENTS AND EXTERIOR, VANDAL-RESISTANT OPERATING STEM. WITH LOOSE KEY OPERATION. |
| DF 1 | DRINKING FOUNTAIN (BI-LEVEL) | 3/4" | -- | 1-1/2" | 2" | ELKAY EZH2O MODEL LK4420BF1U FREE STANDING BOTTLE FILLING STATION, NON-REFRIGERATED. |
| DF 1 | DRINKING FOUNTAIN | 1 | 0.5 | 0.5 | -- | 1 | 0.5 | 0.5 |
| HB 1 | HOSE BIBB | 2 | 2.5 | 5 | -- | 2 | -- | -- |
| LAV 1 | LAVATORY | 2 | 1.0 | 2.0 | 1.5 | 2 | 1.0 | 2.0 |
| LAV 3 | LAVATORY | 1 | 1.0 | 1.0 | | 1 | 1 | 1.0 |
| (E)LAV-2 | (E) SINK | 2 | 2.0 | 4.0 | 3.0 | 2 | 2.0 | 4.0 |
| WC 1 | WATER CLOSET (TANK) | 0 | 2.5 | 0.0 | -- | 0 | 4.0 | 0.0 |
| WC 1 | WATER CLOSET (VALVE) | 3 | 5.0 | 15 | -- | 3 | 4.0 | 12.0 |
| FD 1 | FLOOR DRAIN | 0 | -- | -- | -- | 0 | 0.0 | 0.0 |
| FS 1 | FLOOR SINK | 0 | -- | -- | -- | 0 | 2.0 | 0.0 |
| | TOTAL | | | 27.5 | 4.5 | | | 19.5 |

(1) WATER FIXTURE UNITS PER CPC TABLE A 103.1 (2) SEWER FIXTURE UNITS PER CPC TABLE 702.1 (3) FIXTURE UNITS TO GREASE INTERCEPTOR

# WATER CALCULATIONS

## DOMESTIC COLD WATER PRESSURE CALCULATION (AVG PSI / 100 FT)

RESIDUAL PRESSURE
PER INPUT FROM TOWN OF PARADISE, [10/30/2024]. AVAILABLE WATER PRESSURE IS [HI-LO] PSI. CONTRACTOR TO FIELD VERIFY STREET WATER PRESSURE PRIOR TO START OF WORK. IN CASE OF ANY DISCREPANCIES NOTIFY ARCHITECT/ENGINEER PRIOR TO START OF WORK.

| | | | |
|---|---|---|---|
| MAX. SYSTEM INLET PRESSURE [AT WATER METER INLET] | = | 93 | PSI |
| MIN. SYSTEM INLET PRESSURE [AT PRESSURE REDUCING VALVE INLET] | = | 89 | PSI |
| SYSTEM PRESSURE LOSSES | | | |
| 2" WATER METER @ 38 GPM (EXISTING) | = | 2 | PSI |
| 2" BACKFLOW PREVENTER @ 38 GPM (EXISTING) | = | 13 | PSI |
| 2" PRESSURE REDUCING VALVE @ 38 GPM | = | 5 | PSI |
| TOTAL OF SYSTEM PRESSURE LOSSES | | 20.0 | PSI |
| RESIDUAL PRESSURE AT PRV | | 89 | |
| PRESSURE REDUCING VALVE SETPOINT | = | 40 | PSI |
| STATIC HEIGHT PRESSURE LOSS (15' x .433) | = | 6.5 | PSI |
| RESIDUAL PRESSURE REQUIRED AT GOVERNING FIXTURE (WATER CLOSET 25 PSI) | = | 25 | PSI |
| TOTAL SYSTEM PRESSURE LOSSES (DOWNSTREAM OF PRV) | = | 31.5 | PSI |
| PRESSURE AVAILABLE FOR PIPE SIZING | | | |
| (PRV SETPOINT – TOTAL SYSTEM PRESSURE LOSSES DOWNSTREAM OF PRV) | = | 8.5 | PSI |
| ACTUAL LENGTH OF SYSTEM | = | 165 | FT |
| DEVELOPED LENGTH OF SYSTEM (165' X 1.5) | = | 248 | FT |
| AVERAGE PRESSURE DROP | | | |
| (PRESSURE AVAILABLE FOR PIPE SIZING) X 100 FT / (DEVELOPED LENGTH OF SYSTEM) | (8.5PSI | x100 | / 248) |
| | = | 3.4 | PSI/100 FT AVG |
| SUMMARY | | | |
| PIPE SIZING BASED UPON 3.4 PSI LOSS PER 100' AVG | | | |

## DOMESTIC COLD WATER SIZING

FRICTION LOSS 3.4 PSI PER 100 FT AVG, AT 8 FPS MAX. VELOCITY

| PIPE SIZE | WSFU FLUSH TANK | WSFU FLUSH VALVE | GPM | FPS |
|---|---|---|---|---|
| 1/2" | 1 | – | 2 | 2.6 |
| 3/4" | 6 | – | 5 | 3.4 |
| 1" | 15 | – | 11 | 4.1 |
| 1-1/4" | 28 | – | 19 | 4.8 |
| 1-1/2" | 54 | 13 | 30 | 5.4 |
| 2" | 195 | 88 | 64 | 6.6 |
| 2-1/2" | 455 | 329 | 115 | 7.7 |
| 3" | 748 | 700 | 170 | 8.0 |

## DOMESTIC HOT WATER SIZING

FRICTION LOSS 3.4 PSI PER 100 FT AVG, AT 5 FPS MAX. VELOCITY

| PIPE SIZE | WSFU FLUSH TANK | WSFU FLUSH VALVE | GPM | FPS |
|---|---|---|---|---|
| 1/2" | 1 | – | 2 | 2.6 |
| 3/4" | 6 | – | 5 | 3.4 |
| 1" | 15 | – | 11 | 4.1 |
| 1-1/4" | 28 | – | 19 | 4.8 |
| 1-1/2" | 49 | – | 28 | 5.0 |
| 2" | 119 | – | 48 | 5.0 |


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KEY PLAN

PARADISE UNIFIED SCHOOL
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PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
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PLUMBING SCHEDULES


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Date 04/07/2026
Project Number 25044
Application Number 02-123854
Drawing Number P0.2
Drawn K.W.
Checked E.D.

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FINISHED FLOOR ELEVATION: N/A

UPSTREAM MANHOLE RIM ELEVATION: N/A
SEPTIC TANK SYSTEM. (SEE CIVIL.)

BACKWATER VALVE NOT REQUIRED.

## GENERAL NOTES

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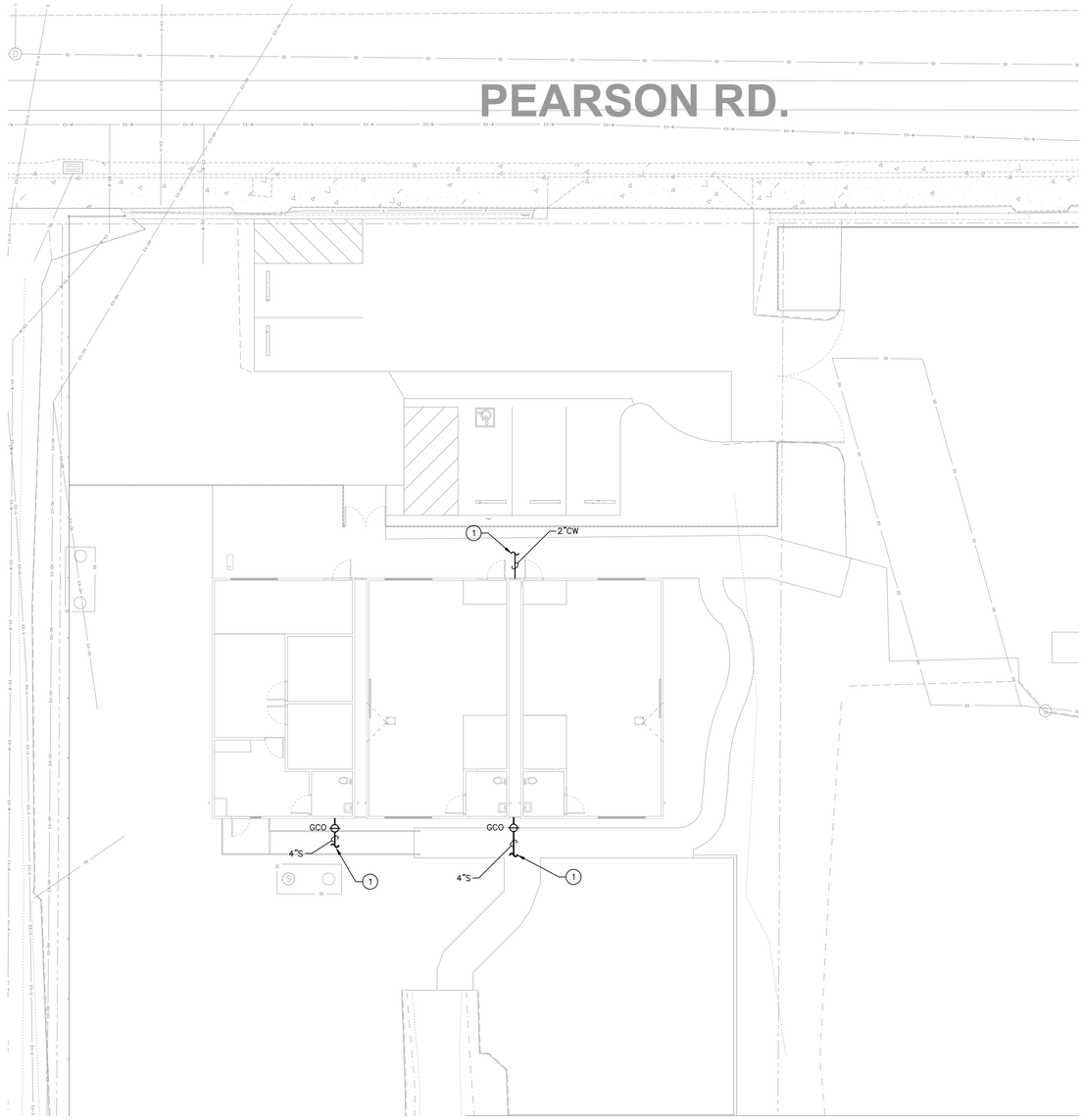
B. ALL PIPING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR MUST COORDINATE WITH ALL TRADES AND OWNER'S REPRESENTATIVE AND VERIFY EXACT ROUTING PRIOR TO START OF WORK.

C. VERIFY EXACT SIZE AND LOCATION OF ALL PLUMBING CONNECTIONS TO PLUMBING EQUIPMENT PRIOR TO START OF WORK. IN NO CASE MUST THE CONNECTION SIZE BE LARGER THAN THE BRANCH PIPING SIZE.

## KEY NOTES

(1) FOR CONT. SEE CIVIL PLANS.




0' 30" 5' 10' 20'

**PLUMBING SITE PLAN** 1" = 10'-0" (1)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RELOCATED PORTABLES
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PLUMBING
SITE PLAN

| Date | Project Number |
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| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | P1.1 |
| Drawn K.W. | Checked E.D. |

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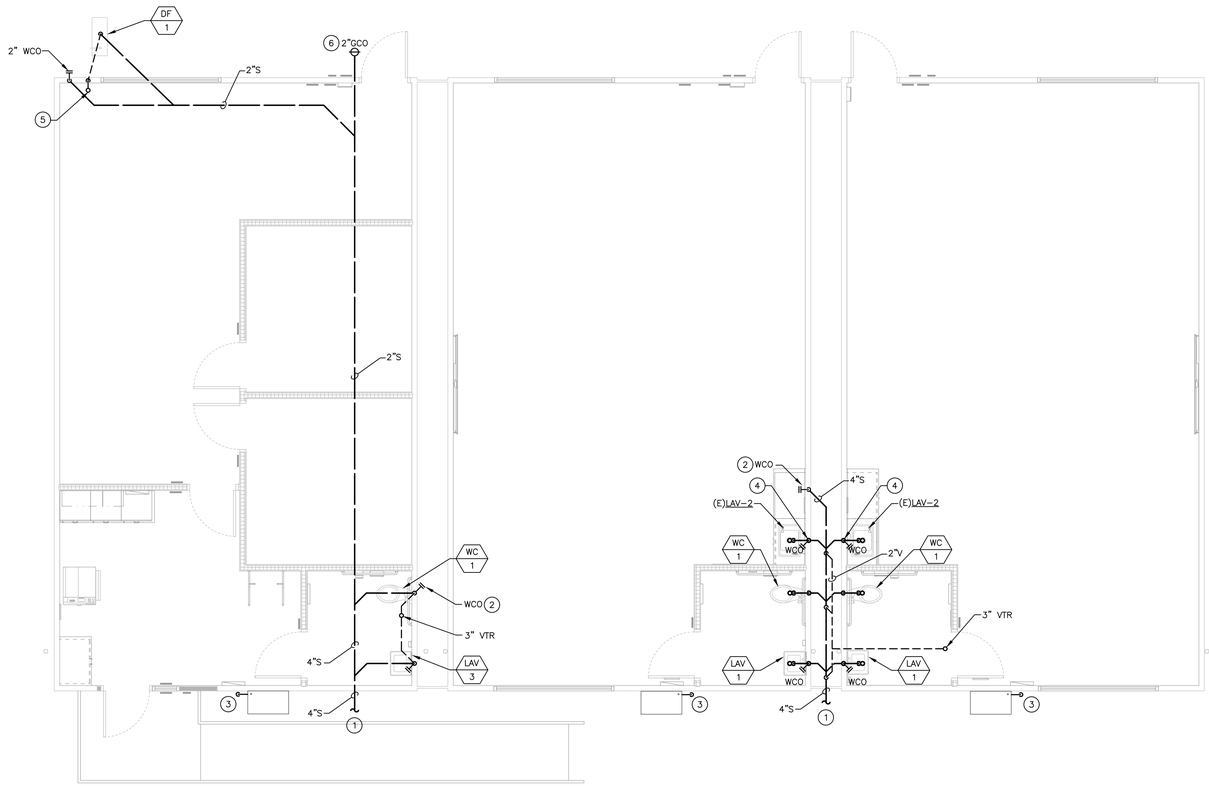
B. ALL PIPING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR MUST COORDINATE WITH ALL TRADES AND OWNER'S REPRESENTATIVE AND VERIFY EXACT ROUTING PRIOR TO START OF WORK.

C. VERIFY EXACT SIZE AND LOCATION OF ALL PLUMBING CONNECTIONS TO MECHANICAL EQUIPMENT PRIOR TO START OF WORK. IN NO CASE MUST THE CONNECTION SIZE BE LARGER THAN THE BRANCH PIPING SIZE.

# KEY NOTES

1. FOR CONT. SEE P1.1.
2. FOR CLEANOUT DETAIL SEE 3/P5.1.
3. RUN 3/4" CONDENSATE DRAIN LINE FROM HVAC UNIT DOWN TO DRYWELL. SEE HVAC PLANS FOR LOCATION. FOR DETAIL SEE 1/P5.1.
4. 2" (S) TO CONNECT INTO EXISTING FIXTURE.
5. 1-1/2" VTR.
6. FOR GRADE CLEAN-OUT SEE DETAIL 5/P5.1.




0' 1' 2' 4' 8'

PLUMBING FLOOR PLAN - SEWER & VENT

1/4" = 1'-0"

1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PLUMBING FLOOR PLAN SEWER & VENT

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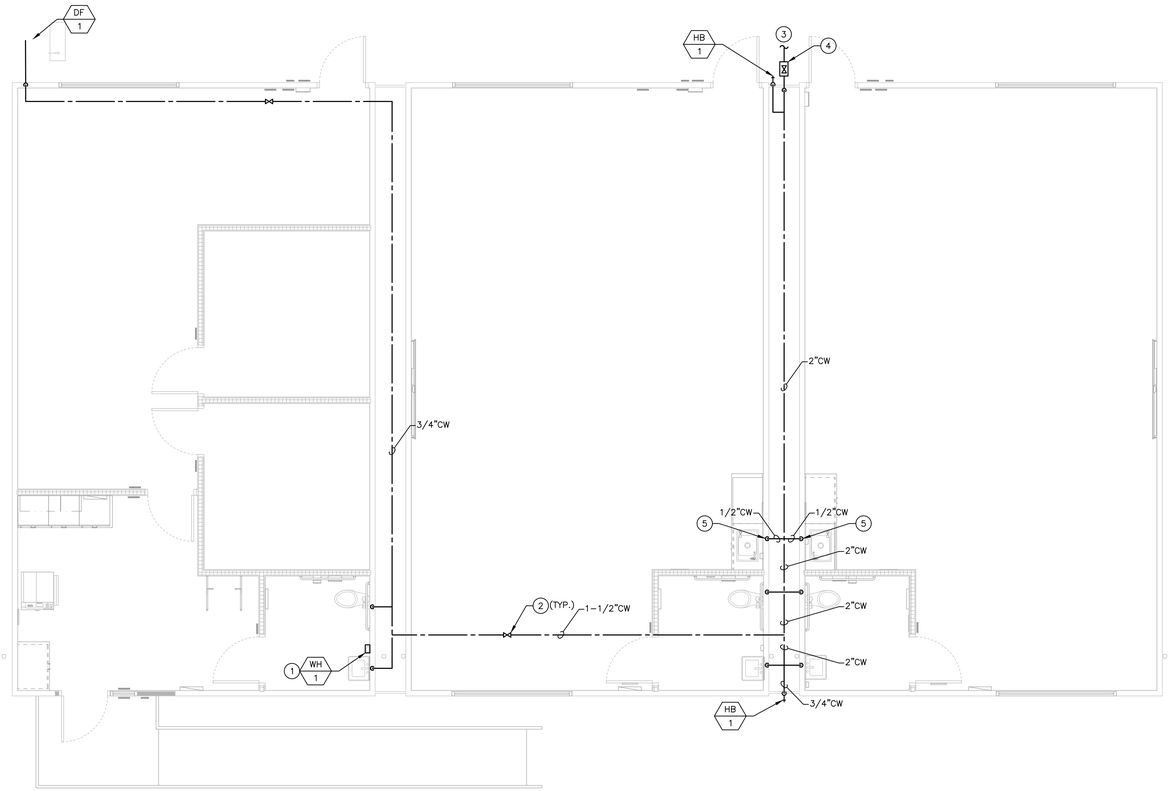
# KEY NOTES

1. INSTA-HOT WATER HEATER. FOR DETAIL SEE 2/P5.1.
2. SHUT-OFF VALVE. LOCATE ABOVE ACCESSIBLE CEILING.
3. FOR CONTINUATION SEE P1.1.
4. SHUT-OFF VALVE AND PRV IN CONCRETE YARD BOX. FOR DETAIL SEE 4/P5.1.
5. 1/2" CW W/SOV DOWN TO CONNECT INTO EXISTING FIXTURE.




0' 1' 2' 4' 8'

PLUMBING FLOOR PLAN - DOMESTIC WATER

1/4" = 1'-0"

1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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

PLUMBING FLOOR PLAN DOMESTIC WATER

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | P2.2 |
| Drawn K.W. | Checked E.D. |

PRINT DATE: 2/18/2026 8:43:14 AM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044 Paradise USD Honey Run-A23.rvt

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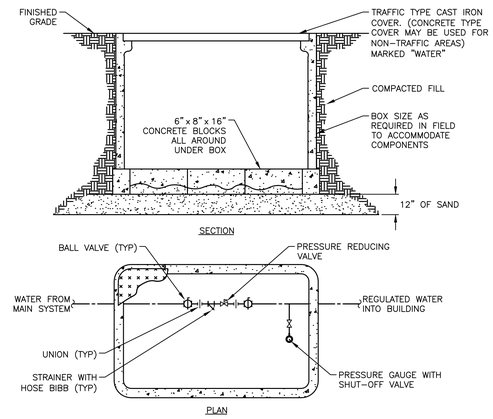


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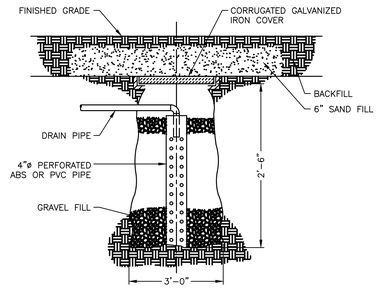


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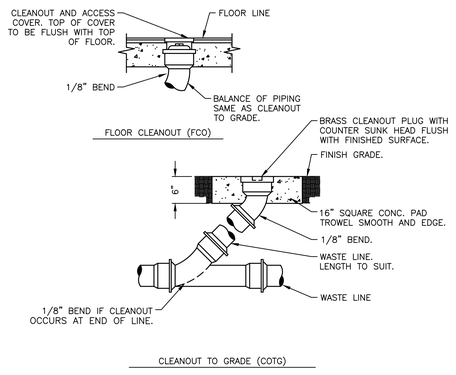


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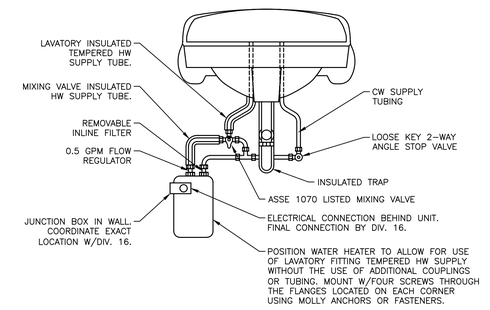


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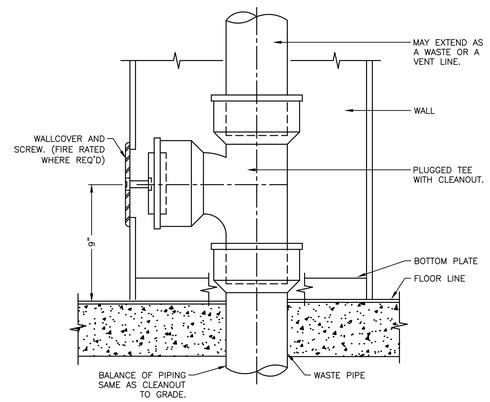


WALL CLEANOUT DETAIL | SCALE NONE | 3


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ARCHITECT: LICENSED ARCHITECT BRYAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA — DATE SIGNED: MM/DD/YYYY

ENGINEER: REGISTERED PROFESSIONAL ENGINEER Kelly Rae Mitchell No. M32811 Exp. 6/30/26 MECHANICAL STATE OF CALIFORNIA — DATE SIGNED: MM/DD/YYYY

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# ELECTRICAL SYMBOL LEGEND

SOME SYMBOLS IN THIS LEGEND MAY OR MAY NOT BE USED IN THIS PROJECT. FLOOR PLANS MUST DICTATE WHICH SYMBOLS ARE APPLICABLE.

| SYMBOL | DESCRIPTION |
|---|---|
| A–1,3 | CONDUIT HOMERUN WITH PANEL DESIGNATION AND CIRCUITS INDICATED. |
| | CONDUIT/WIRING, INSTALLED IN OR BELOW FLOOR SLAB. |
| | CONDUIT/WIRING, EXPOSED. |
| | CONDUIT/WIRING CONCEALED IN WALL OR CEILING SPACE. |
| | CONDUIT, FLEXIBLE CONNECTION<br>DRY LOCATIONS – FLEXIBLE STEEL CONDUIT<br>WET LOCATIONS – LIQUIDTIGHT FLEXIBLE STEEL CONDUIT |
| A | LIGHT FIXTURE DESIGNATION |
| | LED LIGHTING FIXTURE<br>UPPER CASE LETTER(S) = FIXTURE TYPE<br>NUMBER = CIRCUIT NUMBER<br>LOWER CASE LETTER(S) = ROOM SWITCHING CIRCUITS AND NUMBER OF SWITCHES<br>NOTE: THIS LABELING SCHEME IS TYPICAL FOR ALL LIGHT FIXTURES. |
| | LED, WALL MOUNTED LIGHT FIXTURE. |
| | LED STRIP OR UNDERCABINET TASK LIGHT |
| | LED LIGHTING FIXTURE WITH EMERGENCY BATTERY PACK OR CONNECTED TO EMERGENCY POWER SYSTEM. |
| | POLE MOUNTED LIGHT FIXTURE WITH POLE AND FOUNDATION. NUMBER AND ORIENTATION OF LUMINAIRES AS SHOWN ON DRAWINGS. |
| | LIGHTING FIXTURE, WALL OR BRACKET MOUNTED. |
| | LIGHTING FIXTURE, SURFACE OR RECESSED MOUNTED. |
| | LIGHTING FIXTURE WITH EMERGENCY BATTERY PACK OR CONNECTED TO EMERGENCY POWER SYSTEM. |
| | TRACK LIGHTING WITH FIXTURES. |
| MS | MOTION SENSOR, DUAL TECHNOLOGY, CEILING MOUNTED<br>NOT TO BE LOCATED WITHIN 48" OF ANY HVAC DIFFUSER. |
| | EXIT LIGHT FIXTURE. DARKENED AREA INDICATES FIXTURE FACE. ARROW INDICATES DIRECTION OF FACE ARROW.<br>LL = LOW LEVEL |
| $S^{3}_{db}$ | LIGHT SWITCH; WALL MOUNTED AT +42" AFF, U.O.N.<br>2 = TWO POLE, 3 = THREE WAY, 4 = FOUR WAY<br>a,b = INDICATES ROOM SWITCHING CIRCUITS AND NUMBER OF SWITCHES<br>D = DIMMER<br>K = KEYED<br>OC = OCCUPANCY SENSOR, DUAL TECHNOLOGY<br>VS = VACANCY SENSOR, MANUAL ON, WHERE REQUIRED BY CODE<br>P = PILOT LIGHT, LIGHTED IN THE OFF POSITION.<br>BP = BYPASS TIMER<br>WP = WEATHERPROOF<br>WR = WEATHER RESISTANT<br>F = FAN SWITCH<br>S = ISOLATUBE CONTROL<br>T = TIMER SWITCH<br>LV = LOW VOLTAGE |
| J | JUNCTION BOX, HANDHOLE OR PULLBOX WITH COVER, SIZE PER NEC, ART. 314.28. |
| | GROUND |
| | FUSE |
| M | UTILITY COMPANY APPROVED CT/METER PROVISIONS |
| | FUSED SWITCH |
| | CIRCUIT BREAKER |
| TC | TIME CLOCK |
| | LIGHTING OR POWER PANEL – FLUSH MOUNT UNLESS INDICATED OTHERWISE |
| LA | DISTRIBUTION BOARD, LIGHTING OR POWER PANEL DESIGNATION |
| FC 3 | MOTOR OR MECHANICAL EQUIPMENT, WITH FLEXIBLE CONNECTION |
| | MECHANICAL EQUIPMENT DESIGNATION |
| 30AS 3P F | DISCONNECT SWITCH (30=AMPS 3=POLES)<br>NEMA 1 INDOORS<br>NEMA 3R IN WET LOCATIONS<br>F = FUSED<br>PROVIDE TIME–DELAY TYPE FUSE(S) SIZED PER EQUIPMENT MANUFACTURERS NAMEPLATE RATING. |
| SM | MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD PROTECTOR |
| 'O' | MAGNETIC MOTOR STARTER WITH THERMAL OVERLOAD PROTECTOR |
| 30AS 3P 'O' | COMBINATION MOTOR STARTER WITH FUSED SWITCH, WITH THERMAL OVERLOAD PROTECTOR AND DUAL ELEMENT FUSES. (30=AMPS, 3=POLES O=STARTER SIZE). |
| | PUSHBUTTON OR SHUNT TRIP STATION |
| GFI | DUPLEX RECEPTACLE, +18" AFF, U.O.N.; NEMA 5–20R, U.O.N.; NUMBER INDICATES CIRCUIT NUMBER.<br>GFIF = GROUND FAULT INTERRUPTION, FEED–THRU TYPE<br>WP = WEATHERPROOF WITH A WEATHERPROOF WHILE–IN–USE COVER<br>WR = WEATHER–RESISTANT TYPE RECEPTACLE WITH A WEATHERPROOF WHILE IN–USE COVER<br>GFI = GROUND FAULT INTERRUPTION. |
| OR | DOUBLE DUPLEX RECEPTACLE, +18" AFF, U.O.N. |
| | DUPLEX RECEPTACLE ABOVE COUNTERTOP BACKSPLASH, VERIFY REQ'D HEIGHT |
| J | POWER RECEPTACLE, SEE POWER RECEPTACLE SCHEDULE FOR NEMA CONFIGURATION AND SIZE. |
| | POWER POLE, WITH NUMBER OF RECEPTACLES INDICATED |
| | DUPLEX RECEPTACLE, PEDESTAL MOUNTED |
| | CEILING MOUNTED DUPLEX RECEPTACLE AT T–BAR CEILING NOT TO BE MOUNTED IN CEILING SPACE. |
| | DUPLEX RECEPTACLE, FLUSH FLOOR MOUNTED, WITH HINGED COVER, U.O.N. |
| | CORD SUSPENDED CEILING RECEPTACLE, WITH STRAIN RELIEF ASSEMBLY |
| | SURFACE MOUNTED DUPLEX RECEPTACLE +18" AFF, U.O.N. |
| | SURFACE MOUNTED DOUBLE DUPLEX RECEPTACLE +18" AFF, U.O.N. |
| | DOUBLE DUPLEX RECEPTACLE, +18" AFF, U.O.N.<br>1–CONTROLLED + 1–UNCONTROLLED DUPLEX RECEPTACLE. CONTROLLED RECEPTACLE TO BE GRAY IN COLOR. |

| SYMBOL | DESCRIPTION |
|---|---|
| DD | DUCT MOUNTED SMOKE DETECTOR |
| SS | SOLID STATE, ELECTRONIC, ADJUSTABLE TRIP CIRCUIT BREAKER WITH LSIG. |
| DS | DAYLIGHT AREA SENSOR, PRIMARY AND SECONDARY WHERE APPLICABLE |
| SD | SMOKE DETECTOR |
| | FIRE SMOKE DAMPER (PROVIDED BY OTHER'S) |

## Signal Systems

| | |
|---|---|
| | TELEPHONE OR TERMINAL BACKBOARD |
| | TELEPHONE OR TERMINAL CABINET, WITH PLYWOOD BACKBOARD |
| S | PAGING SPEAKER, WALL MOUNT |
| S | PAGING SPEAKER, CEILING MOUNT WITH BACKBOX |
| I | INTRUSION INFRARED SENSOR. |
| | TIME–OF–DAY CLOCK OUTLET AND CLOCK, AT +96" AFF, U.O.N. |
| TV | CABLE TELEVISION OUTLET, AT +18" AFF, U.O.N. |
| CS | CLOCK AND SPEAKER COMBINATION |
| | DATA JUNCTION BOX, AT +18" AFF U.O.N., WITH 1–1/4" CONDUIT ONLY WITH PULLSTRING UP TO NEAREST CABLE TRAY OR ACCESSIBLE TO CEILING SPACE. |
| | TELEPHONE JUNCTION BOX, AT +18" AFF U.O.N., WITH 1–1/4" CONDUIT ONLY WITH PULLSTRING UP TO NEAREST ACCESSIBLE TO CEILING SPACE.<br>W = WALL MOUNT AT +46" AFF, U.O.N. |
| | TELE/DATA JUNCTION BOX AT +18" AFF, U.O.N., WITH (2)1–1/4" CONDUIT ONLY WITH PULLSTRING UP TO NEAREST CABLE TRAY OR ACCESSIBLE CEILING SPACE.<br>W = WALL MOUNT AT +46" AFF, U.O.N. |
| | CEILING MOUNTED DATA AT T–BAR CEILING NOT TO BE MOUNTED IN CEILING SPACE, WITH 1" CONDUIT AND (1) CAT 6 CABLE TO INTERMEDIATE DISTRIBUTION FRAME AS INDICATED ON DWGS. |
| WAP | CEILING MOUNTED WIRELESS ACCESS POINT AT T–BAR CEILING NOT TO BE MOUNTED IN CEILING SPACE, WITH 1" CONDUIT AND (2) CAT 6 CABLE TO INTERMEDIATE DISTRIBUTION FRAME AS INDICATED ON DWGS. |
| | DATA OUTLET, FLUSH FLOOR MOUNTED, WITH HINGED COVER, U.O.N. |

# DEMOLITION NOTES

1. THE CONTRACTOR MUST VISIT THE SITE SPECIFICALLY INCLUDING ALL AREAS INDICATED ON THE DRAWINGS. THE CONTRACTOR MUST THOROUGHLY FAMILIARIZE THEMSELVES WITH THESE EXISTING CONDITIONS, AND BY SUBMITTING A BID ACCEPTS CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO PERFORM THEIR WORK.
2. IT MUST BE THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO DISCONNECT AND REMOVE ALL EXISTING LIGHTING FIXTURES, RECEPTACLES, ELECTRICAL EQUIPMENT, ETC., AFFECTED BY THE REMODELED AREA. THIS WILL INCLUDE REROUTING, OR THE EXTENSION OF, EXISTING CONDUIT AND FEEDERS WHERE NECESSARY TO MAINTAIN THE CONTINUITY OF EXISTING EQUIPMENT REMAINING.
3. ALL CIRCUIT NUMBERS AND EXISTING CONDUIT HOMERUNS SHOWN ON THESE DRAWINGS WERE TAKEN FROM EXISTING RECORD DRAWINGS. IT IS THIS CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF HOMERUNS, AND ADJUST CIRCUIT NUMBERS ACCORDING TO EXISTING CONDITIONS IF REQUIRED.
4. WHERE EXISTING WALLS HAVE BEEN REMOVED, AND THERE ARE EXISTING CONDUIT FEEDS WHICH HAVE BEEN CUT–OFF AND CAPPED FLUSH WITH FLOOR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND DIMENSION ALL SUCH CONDUITS ON THE "AS–BUILT" DRAWINGS UNLESS NOTED OTHERWISE.
5. IT MUST BE THE RESPONSIBILITY OF THIS CONTRACTOR TO MAINTAIN CONTINUITY OF ALL ELECTRICAL SYSTEMS, EQUIPMENT, ETC., REMAINING IN OPERATION WHICH ARE BEING FED BY AN ABANDONED OUTLET. MAINTAINING CONTINUITY MUST CONSIST OF REROUTING CONDUIT, WIRING, ETC., AS REQUIRED.
6. WHERE NEW CIRCUITS ARE SHOWN TO EXISTING PANELS, INSTALL NEW BREAKERS OF SAME TYPE, STYLE AND RATING (MINIMUM 20 AMP, SINGLE POLE) AS CALLED FOR ON DRAWINGS. IDENTIFY EACH NEW CIRCUIT ON PANEL SCHEDULE.
7. EXISTING CONDUIT MAY BE REUSED IF ADEQUATELY SIZED, BUT IN NO CASE MUST ANY EXISTING CONDUCTORS BE REUSED.
8. ALL ABANDONED OUTLETS INCLUDING LIGHT, RECEPTACLES, TELEPHONE, ETC., MUST BE COVERED AND PATCHED TO MATCH THE FINISH OF SURROUNDING WALL OR CEILING TO THE SATISFACTION OF THE OWNER.
9. ALL LIGHTING FIXTURES REMOVED TO ACCOMPLISH DEMOLITION WORK MUST BE REINSTALLED SIMILAR TO NEW WORK

# BRANCH CIRCUIT WIRING NOTE

1. FOR RECEPTACLE CIRCUITS AND 120 VOLT BRANCH CIRCUITS, UNLESS NOTED OTHERWISE, PROVIDE THE FOLLOWING CONDUCTORS: (1) #12 CONDUCTOR FOR EACH PHASE (I.E. CIRCUIT NUMBER) AND (1) SEPARATE DEDICATED #12 NEUTRAL CONDUCTOR FOR EACH SINGLE 120 VOLT CIRCUIT OR FOR 2 TO 3 CIRCUITS PROVIDED THEY ARE OF DIFFERENT PHASES; (1) EQUIPMENT GROUNDING CONDUCTOR, SIZED PER CEC. FOR CIRCUITS TO COMPUTER/DATA EQUIPMENT, PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT.
2. FOR LIGHTING BRANCH CIRCUITS, PROVIDE THE FOLLOWING CONDUCTORS: (1) #12 CONDUCTOR FOR EACH PHASE (I.E. CIRCUIT NUMBER); (1) #12 NEUTRAL CONDUCTOR FOR A SINGLE, 120 OR 277 VOLT CIRCUIT, OR (1) #12 NEUTRAL CONDUCTOR FOR 2 TO 3 CIRCUITS WHERE EACH CIRCUIT IS ON A DIFFERENT PHASE; (1) EQUIPMENT GROUNDING CONDUCTOR, SIZED PER CEC ARTICLE 250 (DO NOT USE A COMMON NEUTRAL FOR MULTIPLE CIRCUITS ON SAME PHASE) (1) INTERCONNECTING CONDUCTOR BETWEEN EACH 3–WAY AND/OR 4–WAY SWITCH

# APPLICABLE CODES

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
- 2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2025 EDITION INTERNATIONAL BUILDING CODE, VOL. 1 & 2)
- 2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2025 EDITION NATIONAL ELECTRICAL CODE)
- 2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2025 EDITION IAPMO UNIFORM MECHANICAL CODE)
- 2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2025 EDITION IAPMO UNIFORM PLUMBING CODE)
- 2025 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
- 2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2025 EDITION INTERNATIONAL FIRE CODE)
- 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2025 EDITION INTERNATIONAL)
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
- 2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, CCR
- TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
- 2025 CALIFORNIA WILDLAND–URBAN INTERFACE CODE, CCR TITLE 24, PART 7

# PROJECT NOTES

1. THESE DOCUMENTS MAY NOT BE USED FOR ANY REPRODUCTION, BIDDING, OR CONSTRUCTION UNLESS AUTHORIZED, IN WRITING, BY SALAS O'BRIEN AND THE ENGINEER OF RECORD RESPONSIBLE FOR THEIR PREPARATION.
2. VERIFY EXISTING SITE CONDITIONS, ELECTRICAL SERVICE REQUIREMENTS, DIMENSIONS, ELEVATIONS, POINTS OF CONNECTION AND PROJECT CONSTRUCTION LIMITS BEFORE SUBMITTING BID. SUBMITTAL OF BID INDICATES CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED. ANY DISCREPANCIES MUST BE CALLED TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
3. THESE DRAWINGS ARE DIAGRAMMATIC AND ONLY INDICATE THE INTENT OF OUTLETS, DEVICES, ETC., TO BE INTERCONNECTED AND THE CIRCUIT NUMBERS TO WHICH THEY ARE TO BE CONNECTED TO. CONTRACTOR MUST INSTALL ALL REQUIRED JUNCTION BOXES ETC., AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM WHICH COMPLIES WITH ALL LOCAL AND NATIONAL GOVERNING CODES.
4. ALL EXTERIOR EQUIPMENT MUST BE WEATHERPROOF.
5. LOCATIONS OF ALL EQUIPMENT MUST BE VERIFIED PRIOR TO ROUGH–IN.
6. EACH CONDUCTOR OF EVERY SYSTEM MUST BE PERMANENTLY TAGGED IN COMPLIANCE WITH OSHA.
7. PVC CONDUIT, WITH CODE SIZED GROUND, MUST BE USED UNDERGROUND ONLY, IF APPROVED BY LOCAL CODE. INSTALL PER LOCAL CODE REQUIREMENTS. CONDUIT RISERS AND STUBS ABOVE GRADE MUST BE I.M.C. WITH HALF–LAPPED TAPE COVERING OR PVC COATING.
8. CONTRACTOR MUST PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC. FOR A COMPLETE AND PROPERLY OPERATING ELECTRICAL SYSTEM.
9. ALL MATERIALS MUST BE NEW, AND OF THE SAME MANUFACTURER FOR EACH CLASS OR GROUP OF EQUIPMENT. MATERIALS MUST BE LISTED AND APPROVED BY THE UNDERWRITER'S LABORATORIES, AND MUST BEAR THE INSPECTION LABEL WHERE SUBJECT TO SUCH APPROVAL. MATERIAL MUST MEET WITH THE APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY, AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS MUST BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY A.N.S.I., U.L., N.E.M.A., AND N.B.F.U. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
10. ALL CONDUIT MUST BE INSTALLED CONCEALED WHERE PHYSICALLY POSSIBLE. ALL EXPOSED CONDUIT MUST BE INTERMEDIATE METAL CONDUIT AND INSTALLED PARALLEL TO OR AT RIGHT ANGLES WITH THE BUILDING WALLS. IF VIEWED BY THE PUBLIC, PAINT TO MATCH SURFACE TO WHICH IT IS ATTACHED.
11. CONTRACTOR MUST CARRY OUT HIS WORK IN ACCORDANCE WITH ALL GOVERNING STATE, COUNTY, LOCAL CODES, O.S.H.A. AND THE CURRENTLY ADOPTED NATIONAL ELECTRICAL CODE (N.E.C.).
12. THE COMPLETE ELECTRICAL SYSTEM MUST BE GROUNDED IN ACCORDANCE WITH THE CURRENTLY ADOPTED EDITION OF THE NEC, ARTICLE 250.
13. ALL ELECTRICAL PENETRATIONS THROUGH FIRE RATED AREA SEPARATION AND CORRIDOR ASSEMBLIES INCLUDING CONDUITS AND PIPING MUST BE TIGHTLY AND SOLIDLY SEALED WITH FIRESTOPPING WALLBOARD COMPOUND AND MUST BE AN APPROVED MATERIAL AS REQUIRED BY LOCAL ENFORCING AGENCY.
14. ELECTRICAL CONTRACTOR MUST SECURE ALL NECESSARY BUILDING PERMITS, UTILITY CHARGES AND PAY FOR SAME. COORDINATE AND PAY FOR ALL ELECTRICAL SERVICE CHARGES WITH THE BUILDING DEPARTMENT, SERVING UTILITY AND OWNER.
15. COMPLETE JOB MUST BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER AFTER DATE OF ACCEPTANCE BY OWNER. ANY WORK, MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD MUST BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AT THE EXPENSE OF THE ELECTRICAL CONTRACTOR.
16. CONDUCTORS MUST BE CODE GRADE, 600 VOLT CLASS, COPPER (UNLESS NOTED OTHERWISE) MARKED EVERY 24" ALONG IT'S LENGTH SHOWING MANUFACTURER'S NAME, MAXIMUM ALLOWABLE VOLTAGE AND SIZE. GENERAL PURPOSE WIRING MUST BE SOLID COPPER CONDUCTORS #10 AND SMALLER, STRANDED COPPER CONDUCTORS FOR #8 AND LARGER, TYPE THWN'(WET) OR THHN'(DRY). FOR SPECIAL PURPOSE WIRE TYPES REFER TO EQUIPMENT MANUFACTURER'S PLANS.
17. ALL CONDUIT ONLY (C.O.) MUST HAVE A PULL WIRE OR ROPE.
18. USE ONLY COMPETENT AND SKILLED PERSONNEL AND PERFORM ALL WORK, INCLUDING AESTHETIC AS WELL AS ELECTRICAL AND MECHANICAL ASPECTS TO STANDARDS CONSISTENT WITH THE BEST PRACTICES OF THE TRADE.
19. ALL ELECTRICAL SYSTEM CONDUCTORS MUST BE INSTALLED IN APPROVED RACEWAYS. NON–METALLIC SHEATHED CABLE IS NOT APPROVED.
20. WHERE IT BECOMES NECESSARY TO DRILL INTO OR CUT THROUGH ANY EXISTING SLABS, WALKWAYS OR DRIVES TO PERMIT THE INSTALLATION OF ANY WORK UNDER THIS CONTRACT, OR TO REPAIR ANY DEFECTS THAT MAY APPEAR TO THE EXPIRATION OF THE WARRANTY, SUCH CUTTING AND PATCHING MUST PERFORMED BY TRADESMAN EXPERIENCED IN THE WORK REQUIRED. CONTRACTOR MUST PAY FOR ALL COSTS REQUIRED FOR CUTTING OR REPAIRING. ALL FINISHES MUST MATCH EXISTING OR NEW ADJACENT SURFACES.
21. ALL BROCHURES, OPERATING MANUALS, CATALOGS, ETC. MUST BE TURNED OVER TO THE OWNER AT JOB COMPLETION.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED
PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS MUST BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2025 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26, AND ASCE 7–16 CHAPTERS 13, 26 AND 30:

1. ALL PERMANENT EQUIPMENT AND COMPONENTS
2. TEMPORARY, MOVEABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (e.g. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH HEAVIER THAN 400 POUNDS OR HAS A CENTER MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE NOR BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIECTIONS:

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORTS THE COMPONENT.

B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BE DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

MEP DISTRIBUTION SYSTEM BRACING NOTE FOR PIPING, DUCTWORK, AND ELECTRICAL CONDUIT

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH
THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7 SECTION 13.3 AS DEFINED IN ASCE
7 SECTIONS 13.6.5, 13.6.6, 13.6.7, AND 13.6.8 AND 2025 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. THE MEP DESIGN PROFESSIONAL ENGINEER RESPONSIBLE FOR CONTENT ON THESE SHEETS HAS VERIFIED THAT THE DESIGN METHODS IDENTIFIED BELOW ARE IN ACCORDANCE WITH DSA IR 16–13.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

MP☐ MD☐ PP☐ E☑ OPTION 1: PROJECT–SPECIFIC DESIGN.

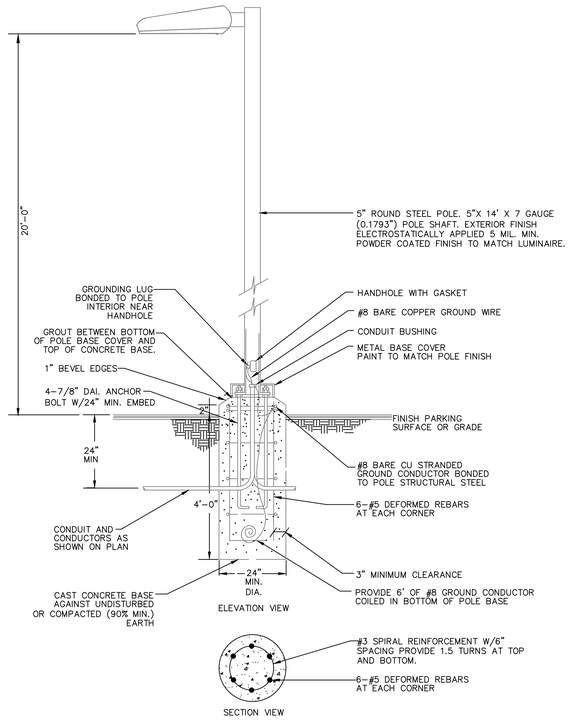
MP☐ MD☐ PP☐ E☐ OPTION 2: DESIGN BASED ON OSHPD OPM, WITHIN PROJECT SUBMITTAL.

MP☐ MD☐ PP☐ E☐ OPTION 3: DESIGN BASED ON OSHPD OPM, DEFERED SUBMITTAL.

22. ALL SUBSTITUTIONS MUST BE SUBMITTED IN WRITING TO THE ARCHITECT TEN (10) DAYS PRIOR TO BID. SUBMITTAL MUST INCLUDE, BUT NOT BE LIMITED TO, COST SAVINGS, WRITTEN REASON FOR SUBSTITUTION AND A WRITTEN STATEMENT THAT IF THE SUBSTITUTION IS APPROVED, THERE WILL BE NO DELAY IN DELIVERY, CONSTRUCTION TIME OR COST TO OTHER TRADES.
23. PROVIDE ENGRAVED PLASTIC NAMEPLATES FOR ALL MAJOR PIECES OF EQUIPMENT. PLATES MUST BE 3 PLY, BLACK FACE, WHITE CORE WITH 1/4" HIGH CONDENSED GOTHIC LETTERING. SCREW–ON ATTACHMENT ONLY. NO CEMENT.
24. PROVIDE THE OWNER WITH ONE (1) SET OF COMPLETE ELECTRICAL "AS–BUILTS" AT THE COMPLETION OF THE JOB, SHOWING ACTUAL DEPTHS AND LOCATIONS.
25. WHERE A CONFLICT OCCURS BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS ISSUED AS PART OF THESE DOCUMENTS, THE MORE STRINGENT REQUIREMENTS MUST PREVAIL.
26. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES. THE OWNER WILL MAKE NO SUBSEQUENT ALLOWANCE FOR ELECTRICAL WORK REQUIRED BY OTHER TRADES. OBTAIN ALL OTHER PERTINENT INFORMATION REQUIRED TO MEET ACTUAL BUILDING OR FIELD CONDITIONS.
27. ALL FINAL CONNECTIONS TO OWNER–FURNISHED EQUIPMENT MUST BE MADE BY THE CONTRACTOR. CONNECTIONS TO ALL EQUIPMENT FURNISHED BY OTHERS MUST BE COORDINATED. THE CONTRACTOR MUST BE RESPONSIBLE FOR COORDINATION WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGHING IN ALL CONDUIT TO THIS EQUIPMENT.
28. NOTIFY THE OWNER'S REPRESENTATIVE WHEREVER A DISCREPANCY IN QUANTITY OR SIZE OF CONDUIT, WIRE, EQUIPMENT DEVICES, CIRCUIT BREAKERS, TRANSFORMERS, GROUND FAULT PROTECTION SYSTEMS, ETC. (ALL MATERIALS) THAT ARISE ON THE DRAWINGS AND/OR SPECIFICATIONS. PROVIDE AND INSTALL ALL MATERIAL AND SERVICES REQUIRED BY THE STRICTEST CONDITIONS NOTED ON DRAWINGS AND/OR IN THE SPECIFICATIONS TO INSURE COMPLETE AND OPERABLE SYSTEMS AS REQUIRED BY THE OWNER AND ENGINEER.
29. ALL FEEDER AND BRANCH CIRCUITS MUST BE PROVIDED WITH AN EQUIPMENT GROUNDING CONDUCTOR SIZED PER NEC, AND RUN IN THE SAME RACEWAY OR CONDUIT SUPPLYING SUCH FEEDER OR BRANCH CIRCUIT.
30. TRENCH AND BACKFILL AS REQUIRED TO PERFORM UNDERGROUND WORK. USE EXTREME CAUTION WHEN TRENCHING SO AS NOT TO INTERFERE WITH EXISTING UNDERGROUND UTILITIES. REPAIR ANY DAMAGE CAUSED BY UNDERGROUND TRENCHING.
31. PATCH AND REPAIR WALLS OR CEILINGS WHICH HAVE BEEN DAMAGED BECAUSE OF ELECTRICAL WORK.
32. CONDUIT MUST NOT BE RUN THROUGH ANY STRUCTURAL MEMBER OF THE BUILDING, EXCEPT AS SPECIFICALLY DIRECTED BY THE OWNER'S REPRESENTATIVE. UNDER NO CIRCUMSTANCE MUST CONDUIT RUN THROUGH COLUMNS, FOOTINGS OR GRADE BEAMS.
33. FOR ADDITIONAL ROUGH–IN AND WIRING REQUIREMENTS SEE MANUFACTURER'S INSTALLATION PLANS, WHICH ARE SUPPLEMENTAL TO AND PART OF THE ELECTRICAL WORK.
34. EXACT ROUTING OF ALL FEEDERS, CONDUITS, ETC. MUST BE FIELD VERIFIED AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. COORDINATE THE INSTALLATION WITH OTHER TRADES.
35. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF RECESSED, SURFACE OR PENDANT MOUNTED LIGHT FIXTURES.
36. COLD WATER PIPE GROUNDING BOND MUST BE LOCATED WITHIN 5' OF BUILDING ENTRANCE.
37. CONTRACTOR MUST VERIFY EXACT LOADS OF HVAC EQUIP. WITH MECHANICAL ENGINEER AND HVAC UNIT MANUFACTURER PRIOR TO START OF WORK. IN CASE OF ANY DISCREPANCIES OR POTENTIAL CONFLICTS, INFORM ARCHITECT AND ELECTRICAL ENGINEER IN WRITING PRIOR TO PROCEEDING ANY FURTHER.
38. PIPES, DUCTS AND CONDUITS MUST BE SUPPORTED AND BRACED PER THE S.M.A.C.N.A. "GUIDELINES FOR SEISMIC RESTRAINT OF MECHANICAL SYSTEMS AND PLUMBING AND PIPING SYSTEMS".
39. ALL ELECTRICAL EQUIPMENT MUST BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
    A. EQUIPMENT ON GRADE – 20% OF OPERATING WEIGHT
    B. EQUIPMENT ON STRUCTURE – 30% OF OPERATING WEIGHT
    C. FOR FLEXIBLY MOUNTED EQUIPMENT USE FOUR (4) TIMES THE ABOVE VALUES, AND FOR SIMULTANEOUS VERTICAL FORCE USE ONE–THIRD (1/3) TIMES THE HORIZONTAL FORCE.
    D. THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR I = 1.0 AND SEISMIC ZONE Z = 0.4
    E. WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION MUST BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER AND THE FIELD INSPECTOR.
40. ALL OUTLET RATINGS MUST BE 20 AMPS, UNLESS NOTED OTHERWISE.

# ABBREVIATIONS

| | |
|---|---|
| A | AMPS |
| AF | AMP FUSE (SIZE), AMP FRAME (SIZE) |
| AFCI | ARC FAULT CURRENT INTERRUPT |
| AFF | ABOVE FINISH FLOOR |
| AS | AMP SWITCH (SIZE) |
| BC | BARE COPPER |
| C | CONDUIT |
| CB | CIRCUIT BREAKER |
| CIR | CIRCUIT |
| CO | CONDUIT ONLY, WITH PULL LINE |
| CU | COPPER |
| EDF | ELECTRIC DRINKING FOUNTAIN |
| EM | EMERGENCY POWER |
| EMT | ELECTRICAL METALLIC TUBING |
| EX | EXISTING |
| EXP | EXPLOSION PROOF |
| F | FUSE |
| G | GROUND CONDUCTOR |
| GFI | GROUND FAULT INTERRUPT PROTECTION |
| GND | GROUND |
| I.G. | ISOLATED GROUND |
| IMC | INTERMEDIATE METALLIC CONDUIT |
| ISC | INTERRUPTING SHORT CIRCUIT |
| LCL | LONG CONTINUOUS LOAD |
| MAX | MAXIMUM |
| MCB | MAIN CIRCUIT BREAKER |
| MIN | MINIMUM |
| MLO | MAIN LUGS ONLY |
| NA | NON–AUTOMATIC |
| NEC | NATIONAL ELECTRICAL CODE |
| NKE | NO KNOWN EQUAL; NO SUBSTITUTES |
| NOM | NOMINAL |
| NTS | NOT TO SCALE |
| P | POLE |
| PH OR ø | PHASE |
| PNL | PANEL |
| PVC | POLYVINYL CHLORIDE |
| REQ'D | REQUIRED |
| RGS | RIGID GALVANIZED STEEL |
| SFM | STATE FIRE MARSHAL |
| SWBD | SWITCHBOARD |
| SWGR | SWITCHGEAR |
| TP | TAMPER–PROOF |
| TYP | TYPICAL, UNLESS NOTED OTHERWISE, OF MANY |
| U.O.N. | UNLESS OTHERWISE NOTED OR INDICATED |
| V | VOLTS |
| WP | WEATHERPROOF |
| X | EXISTING TO REMAIN |
| XL | EXISTING TO BE RELOCATED |
| XN | NEW LOCATION OF RELOCATED EQUIPMEN




NOTE: POLE BASE DIMENSIONS AND ANCHORING HARDWARE SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO INSTALLATION.

PER IR A-22, THIS DETAIL EXEMPT FROM DSA REVIEW.

## FIXTURE TYPE "S1" DETAIL

## LIGHTING FIXTURE SCHEDULE

| FIXT DES | SYMBOL | LAMP TYPE | FIXTURE MOUNTING | LAMP DESC | WATTS | VOLTS | MFR/CATALOG | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|
| F1 | X | LED | RECESSED | LED 3500K 4315 LUMENS | 32 | UNV | EXISTING | 2X4 LED RECESSED TROFFER. |
| F2 | | LED | SURFACE | LED 3000K 3332 LUMENS | 30 | UNV | LITHONIA LIGHTING WL4 30L EZ1 LP835 E7W | 4' LED SURFACE WRAPAROUND WITH 90-MIN. MINIMUM EMERGENCY BATTERY PACK. |
| S1 | | LED | SURFACE | LED 3000K | 106 | UNV | NLS LIGHTING VUE-1-32L-1-30K-UNV-DPS6-GRN-HSS-MS-MGF-PC OR APPROVED EQUAL | LED POLE MOUNTED AREA LIGHT. PROVIDE WITH MOTION SENSOR, PHOTOCELL AND MARINE GRADE FINISH. DARK SKY COMPLIANT. ARCHITECT TO SELECT FINAL FINISH. |
| S2 | | LED | SURFACE | LED 3000K 765 LUMENS | 10 | UNV | NLS LIGHTING TBA-42-T3-16-175-30K8-UNV-AB-BLK-MGF-EM OR APPROVED EQUAL | LED BOLLARD FIXTURE. PROVIDE WITH *CUSTOM* PHOTOCELL AND WITH 90-MIN. MINIMUM EMERGENCY BATTERY PACK. MARINE GRADE FINISH. DARK SKY COMPLIANT. ARCHITECT TO SELECT FINAL FINISH |
| W1 | | LED | SURFACE | LED 3000K 3469 LUMENS | 25 | UNV | LITHONIA LIGHTING WST LED P2 30K VF MVOLT PIR E20WH OR APPROVED EQUAL | LED WALL PACK FIXTURE WITH 90-MIN. MINIMUM EMERGENCY BATTERY PACK. PROVIDE WITH PHOTOCELL. DARK SKY COMPLIANT. ARCHITECT TO SELECT FINAL FINISH. |
| W2 | X | LED | SURFACE | LED 3000K | 25 | UNV | EXISTING | LED WALL PACK FIXTURE WITH 90-MIN. MINIMUM EMERGENCY BATTERY PACK. |
| W3 | X | LED | SURFACE | LED 3000K | 12 | UNV | EXISTING | LED WALL PACK FIXTURE. |
| X1 | X | LED | SURFACE | 4W ELEC DRIVER | 4 | UNV | EXISTING | LED EXIT SIGN WITH 90-MIN. MINIMUM EMERGENCY BATTERY PACK. |

LIGHTING FIXTURE NOTES:

1. PROVIDE SPECIFIED LIGHTING MANUFACTURER FOR EACH LIGHT FIXTURE. ANY SUBSTITUTIONS SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE LISTED MANUFACTURERS CATALOG NUMBER. SUBSTITUTIONS MUST BE APPROVED BY ARCHITECT.

DSA STAMP


STUDIO W ARCHITECTS

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1930 H Street
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PHONE: (530) 892-1600 www.NorthStarAE.com


| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | REGISTERED PROFESSIONAL ENGINEER EDWARD A DIAZ E18809 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA |
| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

GENERAL NOTES

1. This sheet is part of a set and is not to be used alone.
2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicated drawings have been released for construction.
3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden.
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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

ELECTRICAL
LIGHTING SCHEUDLE
AND CONTROLS


Salas O'Brien™
3220 Executive Ridge, Suite 210
Vista, CA 92081
760.560.0100
04-06-26 www.salasobrien.com
SB | ES | FT | KW


#2590-00227

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | E0.2 |
| Drawn K.W. | Checked E.D. |

PRINT DATE: 2/18/2026 8:43:14 AM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

STATE OF CALIFORNIA
## Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-ELC-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 6 of 6)** |
| **Project Address:** 622 Pearson Road | **Date Prepared:** | 4/6/2026 |

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**

**I certify that this Certificate of Compliance documentation is accurate and complete.**

| Documentation Author Name: | Documentation Author Signature: |
|---|---|
| Ed David | Eduardo O'Brien |
| Company: Salas O'Brien Engineers | Signature Date: 2026-04-06 |
| Address: 3220 Executive Ridge, Ste 210 | CEA/HERS/ECC Certification Identification (if applicable): E18809 |
| City/State/Zip: Vista CA 92081 | Phone: (760) 316-5627 |

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

| Responsible Person Name: | Responsible Person Signature: |
|---|---|
| Ed David | Eduardo O'Brien |
| Responsible Person Scope: | |
| Company: Salas O'Brien | Date Signed: 2026-04-06 |
| Address: 3220 Executive Ridge, Ste 210 | License: E18809 |
| City/State/Zip: Vista CA 92081 | Phone: (760)560-0100 |



STATE OF CALIFORNIA
## Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-ELC-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 3 of 6)** |
| | **Date Prepared:** | 4/6/2026 |

**G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING**

*This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(b)/§160.6(b). Any load types that are not included in the service do not need to be shown. For multifamily occupancies, submetered systems that provide power to dwelling units do not need to meet these separation requirements and therefore load types on those submetered systems also do not need to be shown.*

| 01 | 02 | 03 | 04 | 05 | |
|---|---|---|---|---|---|
| Load Type per Table 130.5-B [1] | Minimum Required Separation of Load per Table 130.5-B | Compliance Method[2] | Location of Requirements in Construction Documents | Field Inspector | |
| | | | | Pass | Fail |
| **MSB** | | | | | |
| Lighting including exit, egress and exterior | All lighting in aggregate | NA: Add/Alt to feeders and branch circuits only | E2.1 | ☐ | ☐ |
| Plug Loads and appliances less than 25kVA | All plug loads in aggregate Groups of plug loads exceeding 25 kVA connected load in an area less than 5000 sf | NA: Add/Alt to feeders and branch circuits only | E2.2 | ☐ | ☐ |

** NOTES: If "Other**" is selected under Compliance Method above, please indicate how compliance has been achieved in the space provided below.*

*[1] FOOTNOTES: For each separate load type, up to 10% of the connected load may be of any type.*
*[2] Method 1: Switchboards/ motor control centers/ panelboard loads disaggregated for each load type.*
*Method 2: Switchboards/ motor control centers/ panelboard supply other distribution equipment with foads disaggregated for each load type.*
*Method 3: Branch circuits serve load types individually and provisions for adding future branch circuit monitoring.*
*Method 4: Complete metering system measures and reports loads by type.*
*See Chapter 8 of the Nonresidential Compliance Manual for more detail on Compliance Methods.*

**H. VOLTAGE DROP**

*This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c)/ §160.6(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Piii/ §180.2(b)4bvii.c.*

| 01 | 02 | 03 | 04 | 05 | |
|---|---|---|---|---|---|
| Electrical Service Designation/Description | Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method | Location of Voltage Drop Calculations[1] | Sheet Number for Voltage Drop Calculations in Construction Documents | Field Inspector | |
| | | | | Pass | Fail |



STATE OF CALIFORNIA
## Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-ELC-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 1 of 6)** |
| **Project Address:** 622 Pearson Road | **Date Prepared:** | 4/6/2026 |

*This document is used to demonstrate compliance with mandatory requirements in §130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and §160.6 and §160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per §180.1(a) or §180.2 (b)4Bvii*

**A. GENERAL INFORMATION**

| | | | | | |
|---|---|---|---|---|---|
| 01 | Project Location (city) | Paradise | 02 | Climate Zone | 11 |
| | | | 03 | Occupancy Types Within Project: | |

● Classroom ● Office ● Support Areas

**B. PROJECT SCOPE**

*This table includes electrical systems that are within the scope of the permit application.*

| 01 | 02 | 03 | 04 | 05 | 06 | 07 |
|---|---|---|---|---|---|---|
| Electrical Service Designation/ Description | Scope of Work [1] | Rating[2] (kVA) | Utility Provided Metering System Exception to §130.5(a)/§160.6( a)[3] | System subject to CA Elec Code Article 517 Exception to §130.5(a)and (b) | Demand Response Controls | Provides power to dwelling units/common living areas only in multifamily occupancy |
| MSB | New electrical service equipment and meter | 54 | ☐ | ☐ | Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2/§160.3, §130.1/§160.5, and §130.3/§160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required. | ☐ |

*[1] FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.*
*[2] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.*
*[3] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.*



STATE OF CALIFORNIA
## Indoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTI-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 1 of 7)** |
| **Project Address:** 622 Pearson Road | **Date Prepared:** | 4/6/2026 |

**A. GENERAL INFORMATION**

| | | | | | |
|---|---|---|---|---|---|
| 01 | Project Location (city) | Paradise | 04 | Total Conditioned Floor Area (ft²) | 2,593 |
| 02 | Climate Zone | 11 | 05 | Total Unconditioned Floor Area (ft²) | 0 |
| 03 | Occupancy Types Within Project (select all that apply): | | 06 | # of Stories (Habitable Above Grade) | 1 |

● Classroom ● Office ● Support Areas

**B. PROJECT SCOPE**

*This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 / §170.2(e) or §141.0(b)2 / §180.2(b)4 for alterations.*

| Scope of Work | Conditioned Spaces | | Unconditioned Spaces | |
|---|---|---|---|---|
| 01 | 02 | 03 | 04 | 05 |
| My Project Consists of (check all that apply): | Calculation Method | Area (ft²) | Calculation Method | Area (ft²) |
| ☒ New Lighting System | Area Category Method | 2593 | Area Category Method | 0 |
| ☐ New Lighting System - Parking Garage | | | | |
| **Total Area of Work (ft²)** | 2593 | | 0 | |



STATE OF CALIFORNIA
## Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-ELC-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 4 of 6)** |
| | **Date Prepared:** | 4/6/2026 |

**H. VOLTAGE DROP**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MSB | ☒ | Voltage drop less than 5% | ☐ | Permitted by CA Elec Code (Exception to 130.5(c))* | In construction documents | E4.1 | ☐ | ☐ |

** NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*

*[1] FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".*

**I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES**

*This table includes entirely new or complete replacement electrical power distribution systems to demonstrate compliance with §130.5(d)/ §160.6(d).. Both controlled and uncontrolled receptacles must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.*

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | |
|---|---|---|---|---|---|---|---|
| Room name or Description | Location/ Type of Controlled Receptacles[1,2] | Shut-Off Controls | Demand Responsive Controls | Permanent Marking Will be Used | Location of Requirements in Construction Documents | Field Inspector | |
| | | | | | | Pass | Fail |
| Room | Within 6ft of uncontrolled receptacle | Occupancy Sensor | NA: Building does not require demand responsive lighting controls per §110.12(c) | ☒ | E2.2 | ☐ | ☐ |

** NOTES: If "Other**" is selected under Shut-Off Controls above, please indicate how compliance has been achieved in the space provided below.*

*[1] FOOTNOTES: Receptacles dedicated to refrigerators and water dispensers in kitchens, located a minimum of 6ft above the floor specifically for clocks, network copiers, fax machines, A/V and data equipment other than personal computers in copy rooms, circuits rated more than 20 Amps, or connected to a UPS that are intended to be in continuous use and are marked to differentiate them from other receptacles or circuits are excepted from the requirements. .*
*[2] Plug-in strips and other plug-in devices shall not be used to comply with the requirements of section §130.5(d)*

**J. ELECTRIC READY BUILDINGS**

*This section does not apply to this project.*



STATE OF CALIFORNIA
## Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-ELC-E |
|---|---|---|
| | **Date Prepared:** | 4/6/2026 |

**C. COMPLIANCE RESULTS**

*Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.*

| 01 | | 02 | | 03 | | 04 | 05 | 06 |
|---|---|---|---|---|---|---|---|---|
| Service Electrical Metering §130.5(a)/ §160.6(a) (See Table F) | AND | Separation for Monitoring §130.5(b)/ §160.6(b) (See Table G) | AND | Voltage Drop §130.5(c)/ §160.6(c) (See Table H) | AND | Controlled Receptacles §130.5(d)/ §160.6(d) (See Table I) | Electric Ready §160.9 (See Table J) | **Compliance Results** |
| Yes | AND | Yes | AND | Yes | AND | Yes | | COMPLIES |

**D. EXCEPTIONAL CONDITIONS**

*This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.*

**E. ADDITIONAL REMARKS**

*This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.*

**F. SERVICE ELECTRICAL METERING**

*This table includes new or replacement electrical service systems OR equipment to demonstrate compliance with §130.5(a) / §160.6(a). For multifamily occupancies, submetered systems that provide power to common use areas must meet the following metering requirements. Submetered systems providing power to dwelling units do not.*

| 01 | 02 | 03 | | | | 04 | 05 | |
|---|---|---|---|---|---|---|---|---|
| Electrical Service Designation/ Description | Rating[1] (kVA) | Required Metering Capabilities per Table 130.5-A | | | | Location of Requirements in Construction Documents | Field Inspector | |
| | | Instantaneous Demand (kW) | Historical Peak Demand (kW) | Tracking kWh for user-defined period | kWh per rate period | | Pass | Fail |
| MSB | 54 | ☒ | ☐ | ☒ | ☐ | E4.1 | ☐ | ☐ |

*[1] FOOTNOTES: If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.*



STATE OF CALIFORNIA
## Indoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTI-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 2 of 7)** |
| | **Date Prepared:** | 4/6/2026 |

**C. COMPLIANCE RESULTS**

*If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.*

| *Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1 /§170.2(e)* | Allowed Lighting Power per §140.6(b) /§170.2(e) (Watts) | | | | | Adjusted Lighting Power per §140.6(a) /§170.2(e) (Watts) | | | | | Compliance Results |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 01 | 02 | 03 | | 04 | 05 | 06 | | 07 | | 08 |
| | Complete Building §140.6(c)1 | Area Category §140.6(c)2 /§170.2(e)4 | Area Category Additional §140.6(c)2G / §170.2(e)4Av (+) | = | **Total Allowed** (Watts) | ≥ Total Designed (Watts) | Adjustments PAF Lighting Control Credits §140.6(a)2 /§170.2(e)1B (-) | = | **Total Adjusted** (Watts) *Includes Adjustments | | **05 must be >= 08 §140.6 /§170.2(e)** |
| | (See Table I) | (See Table I) | (See Table J) | | | (See Table F) | (See Table P) | | | | |
| **Conditioned** | | 1,577.4 | 0 | = | 1,577 | ≥ 858 | 0 | = | 858 | | COMPLIES |
| **Unconditioned** | | | | = | | ≥ | | = | | | |
| | | | | | | | | | **Controls Compliance (See Table H for Details)** | | COMPLIES |
| | | | | | | | | | **One-for-one Luminaire Alterations Compliance (See Table Q for Details)** | | |

**D. EXCEPTIONAL CONDITIONS**

*This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.*

**E. ADDITIONAL REMARKS**

*This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.*



STATE OF CALIFORNIA
## Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-ELC-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 5 of 6)** |
| | **Date Prepared:** | 4/6/2026 |

**K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**

*Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online*

| Form/Title |
|---|
| NRCI-ELC-E - Must be submitted for all buildings |



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STUDIO W ARCHITECTS
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111 MERRON RANCH BLVD. SUITE 100, CHICO, CA 95928
PHONE: (530) 893-1600 www.NorthStarAE.com


| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN F WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | REGISTERED PROFESSIONAL ENGINEER Eduardo A. O'Brien E18809 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA |
| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

GENERAL NOTES

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| NO. | REMARKS | DATE |
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DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

TITLE 24 CALCULATION FORMS


Salas O'Brien
3220 Executive Ridge, Suite 210
Vista, CA 92081
760.560.0100
04-06-26 #2590-00227
www.salasobrien.com
SB ES FT KW


| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | E0.3 |
| Drawn K.W. | Checked E.D. |

PRINT DATE: 2/18/2026 8:43:14 AM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044 Paradise USD Honey Run-A23.rvt

STATE OF CALIFORNIA
## Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-E |
|---|---|---|
| *This document is used to demonstrate compliance with requirements in §110.9, §130.0, §130.2, §140.7, and §141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in §160.5, §170.2(e)6, §180.1(a) and §180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.* | | |
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 1 of 8)** |
| **Project Address:** 622 Pearson Road | **Date Prepared:** | 4/6/2026 |

### A. GENERAL INFORMATION

| | | | | | |
|---|---|---|---|---|---|
| 01 | Project Location (city) | Paradise | 04 | Total Illuminated Hardscape Area (ft²) | 4521 |
| 02 | Climate Zone | 11 | | | |
| 03 | Outdoor Lighting Zone per Title 24 Part 1 | §10.114 or as designated by Authority Having Jurisdiction (AHJ): | | | |
| ☐ | LZ-0: Very Low - Undeveloped Parkland | ☒ LZ-2: Moderate - Urban Clusters | ☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval | | |
| ☐ | LZ-1: Low - Rural Areas | ☐ LZ-3: Moderately High - Urban Areas | | | |
| 05 | Occupancy Types within Project | | | | |
| ● Classroom | ● Office | ● Support Areas | | | |

### B. PROJECT SCOPE

*This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 / §170.2(e)6 or §141.0(b)2L / § 180.2(b)4Bv for alterations.*

**My Project Consists of:**

| 01 | 02 |
|---|---|
| ☒ New Lighting System | Must Comply with Allowances from §140.7 / §170.2(e)6 |
| ☐ Altered Lighting System | Is your alteration increasing the connected lighting load (Watts)? ○ Yes ○ No |

| 03 | 04 | 05 |
|---|---|---|
| % of Existing Luminaires Being Altered[1] | Sum Total of Luminaires Being Added or Altered | Calculation Method |
| ☐ < 10% ☐ >= 10% and < 50% ☐ >= 50% | | |

***Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.***

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*



STATE OF CALIFORNIA
## Indoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTI-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 5 of 7)** |
| | **Date Prepared:** | 4/6/2026 |

### I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

*Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used .*

**Conditioned Spaces**

| 01 | 02 | 03 | 04 | 05 | 06 | |
|---|---|---|---|---|---|---|
| Area Description | Complete Building or Area Category Primary Function Area | Allowed Density (W/ft²) | Area (ft²) | Allowed Wattage (Watts) | Additional Allowance / Adjustment | |
| | | | | | Area CategoryPAF | PAF |
| Office < 250sqft | Office (<=250 square feet) | 0.65 | 251 | 163.2 | No | No |
| Office > 250sqft | Office (>250 square feet) | 0.6 | 426 | 255.6 | No | No |
| Classrooms | Classroom, Lecture, or Training Vocational | 0.6 | 1,736 | 1,041.6 | No | No |
| Restrooms | Restroom | 0.65 | 180 | 117 | No | No |
| | | **TOTALS:** | 2,593 | 1,577.4 | See Tables J, or P for detail | |

### J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

*This section does not apply to this project.*

### P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

*This section does not apply to this project.*

### Q. ONE-FOR-ONE LUMINAIRE ALTERATIONS

*This section does not apply to this project.*

### R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

*This section does not apply to this project.*



STATE OF CALIFORNIA
## Indoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTI-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 3 of 7)** |
| | **Date Prepared:** | 4/6/2026 |

### F. INDOOR LIGHTING FIXTURE SCHEDULE

*This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.*

**Designed Wattage: Conditioned Spaces**

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Name or Item Tag | Complete Luminaire Description | Modular (Track) Fixture | Small Aperture & Color Change[1] | Watts per luminaire[2] | How is Wattage determined | Total Number of Luminaires | Excluded per §140.6(a)3 / §170.2(e)2C | Design Watts | Field Inspector | |
| | | | | | | | | | Pass | Fail |
| F1 | 32w LED | No | NA | 32 | Mfr. Spec | 24 | No | 768 | ☐ | ☐ |
| F2 | 30w LED | No | NA | 30 | Mfr. Spec | 3 | No | 90 | ☐ | ☐ |
| | | | | | | | **Total Designed Watts: CONDITIONED SPACES** | 858 | | |

[1] *FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)4B /§170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2] *Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) /§160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

### G. MODULAR LIGHTING SYSTEMS

*This section does not apply to this project.*

### H. INDOOR LIGHTING CONTROLS (Not including PAFs)

*This table includes lighting controls for conditioned and unconditioned spaces.*

**Building Level Controls**

| 01 | 02 | 03 | |
|---|---|---|---|
| | | Field Inspector | |
| | | Pass | Fail |
| Mandatory Demand Response §110.12(c) | Shut-off controls §130.1(c) / §160.5(b)4C | | |
| Required >= 4,000W subject to multilevel | Whole Building Auto Time Switch | ☐ | ☐ |



STATE OF CALIFORNIA
## Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 2 of 8)** |
| | **Date Prepared:** | 4/6/2026 |

### C. COMPLIANCE RESULTS

*Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.*

| Calculations of Total Allowed Lighting Power (Watts) §140.7 / §170.2(e)6 or §141.0(b)2L / § 180.2(b)4Bv | | | | | | | | | | | | | Compliance Results | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | | 02 | | 03 | | 04 | | 05 | OR | 06 | = | | 07 | | 08 | | 09 |
| General Hardscape Allowance §140.7(d)1 / §170.2(e)6 (See Table I) | + | Per Application §140.7(d)2 / §170.2(e)6 (See Table J) | + | Sales Frontage §140.7(d)2 (See Table K) | + | Ornamental §140.7(d)2 / §170.2(e)6 (See Table L) | + | Per Specific Area §140.7(d)2 / §170.2(e)6 (See Table M) | | Existing Power Allowance §141.0(b)2L / § 180.2(b)4Bv (See Table N) | | | **Total Allowed** (Watts) | ≥ | **Total Actual** (Watts) | | **07 must be >= 08** |
| 343 | + | ---- | + | ---- | + | ---- | + | 228 | OR | ---- | = | | 571 | ≥ | 543 | | COMPLIES |
| **Shielding Compliance (See Table G for Details)** | | | | | | | | | | | | | | | | | N/A |
| **Controls Compliance (See Table H for Details)** | | | | | | | | | | | | | | | | | COMPLIES |

### D. EXCEPTIONAL CONDITIONS

*This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.*

### E. ADDITIONAL REMARKS

*This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.*



STATE OF CALIFORNIA
## Indoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTI-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 6 of 7)** |
| | **Date Prepared:** | 4/6/2026 |

### S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

*This section does not apply to this project.*

### T. DWELLING UNIT LIGHTING

*This section does not apply to this project.*

### U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

*Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online*

| Form/Title |
|---|
| NRCI-LTI-E - Must be submitted for all buildings |

### V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

*Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html*

| Form/Title | Systems/Spaces To Be Field Verified |
|---|---|
| NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls. | Whole Building Time Switch; Office < 250sqft; Office > 250sqft; Classroom; Restrooms; |
| NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls. | Whole Building Demand Response; |



STATE OF CALIFORNIA
## Indoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTI-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 4 of 7)** |
| | **Date Prepared:** | 4/6/2026 |

### H. INDOOR LIGHTING CONTROLS (Not including PAFs)

**Area Level Controls**

| 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | |
|---|---|---|---|---|---|---|---|---|---|
| Area Description | Complete Building or Area Category Primary Function Area | Manual Controls §130.1(a) /§160.5(b)4A | Multi-Level Controls §130.1(b) /§160.5(b)4B | Shut-Off Controls §130.1(c) //§160.5(b)4C | Primary/Skylit Daylighting §130.1(d) /§160.5(b)4D | Secondary Daylighting §130.1(d) /§160.5(b)4D | Interlocked Systems §140.6(a)1/ §170.2(e)2A | Field Inspector | |
| | | | | | | | | Pass | Fail |
| Office < 250sqft | Office (<=250 square feet) | Readily Accessible and located in the same space. | Dimmer | Occupancy Sensor | NA: Rm < 24sf Glazing | NA: Rm < 24sf Glazing | No | ☐ | ☐ |
| Office > 250sqft | Office (>250 square feet) | Readily Accessible and located in the same space. | Dimmer | Occupancy Sensor | NA: Rm < 24sf Glazing | NA: Rm < 24sf Glazing | No | ☐ | ☐ |
| Classroom | Classroom, Lecture, or Training Vocational | Readily Accessible and located in the same space. | Dimmer | Occupancy Sensor | NA: Rm < 24sf Glazing | NA: Rm < 24sf Glazing | No | ☐ | ☐ |
| Restrooms | Restroom | Readily Accessible and located in the same space. | NA: Restrooms | Occupancy Sensor | NA: Rm < 24sf Glazing | NA: Rm < 24sf Glazing | No | ☐ | ☐ |
| | | | | | | | | 13 | |
| | | | | | | | | Plan Sheet Showing Daylit Zones: | |
| | | | | | | | | E2.1 | |



STATE OF CALIFORNIA
## Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 3 of 8)** |
| | **Date Prepared:** | 4/6/2026 |

### F. OUTDOOR LIGHTING FIXTURE SCHEDULE

*For new or altered lighting systems demonstrating compliance with §140.7 / §170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.*

**Designed Wattage:**

| 01 | 02 | | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Name or Item Tag | Complete Luminaire Description | | Watts per luminaire[1, 2] | How is Wattage determined | Total Number Luminaires [2] | Luminaire Status[3] | Excluded per §140.7(a) / §170.2(e)6A | Design Watts | Cutoff Req. > 6,200 initial lumen output §130.2(b) /§160.5(c)1.[4] | Field Inspector | |
| | | | | | | | | | | Pass | Fail |
| S1 | 106w LED | ☐ Linear | 106 | Mfr. Spec | 2 | New | ☐ | 212 | NA: < 6200 lumens | ☐ | ☐ |
| S2 | 10w LED | ☐ Linear | 10 | Mfr. Spec | 7 | New | ☐ | 70 | NA: < 6200 lumens | ☐ | ☐ |
| W1 | 25w LED | ☐ Linear | 25 | Mfr. Spec | 8 | New | ☐ | 200 | NA: < 6200 lumens | ☐ | ☐ |
| W2 | 25w LED | ☐ Linear | 25 | Mfr. Spec | 1 | New | ☐ | 25 | NA: < 6200 lumens | ☐ | ☐ |
| W3 | 12w LED | ☐ Linear | 12 | Mfr. Spec | 3 | New | ☐ | 36 | NA: < 6200 lumens | ☐ | ☐ |
| | | | | | | | **Total Design Watts:** | 543 | | | |

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
*EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b)*

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) / §160.5(b)*

[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*

[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*

[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(b)/ §160.5(c)*



STATE OF CALIFORNIA
## Indoor Lighting
CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTI-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 7 of 7)** |
| **Project Address:** 622 Pearson Road | **Date Prepared:** | 4/6/2026 |

### DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

**I certify that this Certificate of Compliance documentation is accurate and complete.**

| | |
|---|---|
| Documentation Author Name: Ed David | Documentation Author Signature: Eduardo O'Brien |
| Company: Salas O'Brien Engineers | Signature Date: 2026-04-06 |
| Address: 3220 Executive Ridge, Ste 210 | CEA/AEA/ECC Certification Identification (if applicable): E18809 |
| City/State/Zip: Vista CA 92081 | Phone: (760) 316-5627 |

### RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

| | |
|---|---|
| Responsible Person Name: Ed David | Responsible Person Signature: Eduardo O'Brien |
| Responsible Person Scope: | |
| Company: Salas O'Brien | Date Signed: 2026-04-06 |
| Address: 3220 Executive Ridge, Ste 210 | License: E18809 |
| City/State/Zip: Vista CA 92081 | Phone: (760)560-0100 |



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PHONE: (530) 893-1600 www.NorthStarAE.com

ARCHITECT
LICENSED ARCHITECT BRIAN P WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

ENGINEER
REGISTERED PROFESSIONAL ENGINEER Edward A. O'Brien No. E18809 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

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REVISION HISTORY

| NO. | REMARKS | DATE |
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DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

TITLE 24 CALCULATION FORMS

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Vista, CA 92081
760.560.0100
04-06-26 #2590-00227
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Date 04/07/2026
Project Number 25044
Application Number 02-123854
Drawing Number E0.4
Drawn K.W.
Checked E.D.

PRINT DATE: 2/19/2026 8:43:14 AM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

STATE OF CALIFORNIA
**Outdoor Lighting** CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 6 of 8)** |
| | **Date Prepared:** | 4/6/2026 |

**M. LIGHTING ALLOWANCE: PER SPECIFIC AREA**

*This table includes areas using the wattage allowance per specific area from Table 140.7-B /Table 170.2-S. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.*

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
|---|---|---|---|---|---|---|---|---|---|
| | | CALCULATED ALLOWANCE (Watts) | | | DESIGN WATTS | | | | |
| Area Description | Specific Area Type per Table 140.7-B | Specific Area ($ft^2$)[1] | Allowed Density ($W/ft^2$) | Extra Allowance (Watts) | Luminaire Name or Item Tag | Watts per Luminaire | # of Luminaires | Design Watts | Additional Allowance (Watts) |
| Bldg Facade | BuildingFacade | 2280 | 0.1 | 228 | W1 | 25 | 8 | 200 | 228 |
| | | | | | W2 | 25 | 1 | 25 | |
| | | | | | W3 | 12 | 3 | 36 | |
| | | | | | Total Design Watts for this Area: | | | 261 | |
| | | | | | **Total Allowance (Watts) All Areas:** | | | | 228 |

[1] *FOOTNOTES: See Table 140.7-B /Table 170.2-S for rules for calculating the specific areas ($ft^2$ for these additional lighting allowances.*
[2] *For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.*

**N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)**

*This section does not apply to this project.*

**O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION**

*Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online*

| Form/Title |
|---|
| NRCI-LTO-E - Must be submitted for all buildings |



STATE OF CALIFORNIA
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| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-E |
|---|---|---|
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| | **Date Prepared:** | 4/6/2026 |

**P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE**

*Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html*

| Form/Title | Systems/Spaces To Be Field Verified |
|---|---|
| NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires. | Parking Lot; Bldg Facade; Pathway; |



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| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 8 of 8)** |
| **Project Address:** 622 Pearson Road | **Date Prepared:** | 4/6/2026 |

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**

**I certify that this Certificate of Compliance documentation is accurate and complete.**

| | |
|---|---|
| Documentation Author Name: Ed David | Documentation Author Signature: Eduardo G. O'Brien |
| Company: Salas O'Brien Engineers | Signature Date: 2026-04-06 |
| Address: 3220 Executive Ridge, Ste 210 | CEA/AEA/ECC Certification Identification (if applicable): E18809 |
| City/State/Zip: Vista CA 92081 | Phone: (760) 316-5627 |

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

| | |
|---|---|
| Responsible Person Name: Ed David | Responsible Person Signature: Eduardo G. O'Brien |
| Responsible Person Scope: | |
| Company: Salas O'Brien | Date Signed: 2026-04-06 |
| Address: 3220 Executive Ridge, Ste 210 | License: E18809 |
| City/State/Zip: Vista CA 92081 | Phone: (760)560-0100 |



STATE OF CALIFORNIA
**Outdoor Lighting** CALIFORNIA ENERGY COMMISSION

| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-E |
|---|---|---|
| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 4 of 8)** |
| | **Date Prepared:** | 4/6/2026 |

**G. SHIELDING REQUIREMENTS (BUG)**

*This section does not apply to this project.*

**H. OUTDOOR LIGHTING CONTROLS**

*This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.*
*Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit*

**Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings**

| 01 | 02 | 03 | 04 | 05 | |
|---|---|---|---|---|---|
| Area Description | Shut-Off §130.2(c)1 / §160.5(c) | Auto-Schedule §130.2(c)2 / §160.5(c) | Motion Sensor §130.2(c)3 / §160.5(c) | Field Inspector | |
| | | | | Pass | Fail |
| Parking Lot | Photocontrol | Provided | Provided | ☐ | ☐ |
| Bldg Facade | Photocontrol | Provided | NA: Not permitted by Health or Life Safety Statute/Ordinance/Regulation | ☐ | ☐ |
| Pathway | Photocontrol | Provided | NA: Not permitted by Health or Life Safety Statute/Ordinance/Regulation | ☐ | ☐ |

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*
[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*
[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*



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| **Project Name:** PUSD Honey Run Academy | **Report Page:** | **(Page 5 of 8)** |
| | **Date Prepared:** | 4/6/2026 |

**I. LIGHTING POWER ALLOWANCE (per §140.7 /§170.2(e))**

*This table includes areas using allowance calculations per §140.7 /§170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.*
*Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.*

| 01 | | | | | |
|---|---|---|---|---|---|
| | "Use it or lose it" Allowance (select all that apply) (select all that apply) | | | | |
| ☒ General Hardscape Allowance Table I (below) | ☐ Per Application Table J | ☐ Sales Frontage Table K | ☐ Ornamental Table L | ☒ Per Specific Area Table M | |

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

| 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 |
|---|---|---|---|---|---|---|---|
| | Area Wattage Allowance (AWA) | | | Linear Wattage Allowance (LWA) | | | Total General AWA + LWA (Watts) |
| Area Description | Illuminated Area ($ft^2$) | Allowed Density ($W/ft^2$) | Area Allowance (Watts) | Perimeter Length (lf) | Allowed Density (W/lf) | Linear Allowance (Watts) | |
| Parking Lot | 3565 | 0.019 | 67.7 | 0 | 0.2 | **0** | 68 |
| Pathway | 956 | 0.019 | 18.2 | 380 | 0.2 | 57 | 75 |
| | | | | | | **Initial Wattage Allowance for Entire Site (Watts):** | 200 |
| | | | | | | **Instances of Initial Wattage Allowance (LZ 0 only)[1]** | |
| | | | | | | **Total General Hardscape Allowance (Watts):** | 343 |

**J. LIGHTING ALLOWANCE: PER APPLICATION**

*This section does not apply to this project.*

**K. LIGHTING ALLOWANCE: SALES FRONTAGE**

*This section does not apply to this project.*

**L. LIGHTING ALLOWANCE: ORNAMENTAL**

*This section does not apply to this project.*




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ARCHITECT
LICENSED ARCHITECT BRIAN P WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

ENGINEER
REGISTERED PROFESSIONAL ENGINEER EDUARDO A. O'BRIEN E18809 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

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DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
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DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

TITLE 24 CALCULATION FORMS

Date 04/07/2026
Project Number 25044
Application Number 02-123854
Drawing Number E0.5
Drawn K.W.
Checked E.D.

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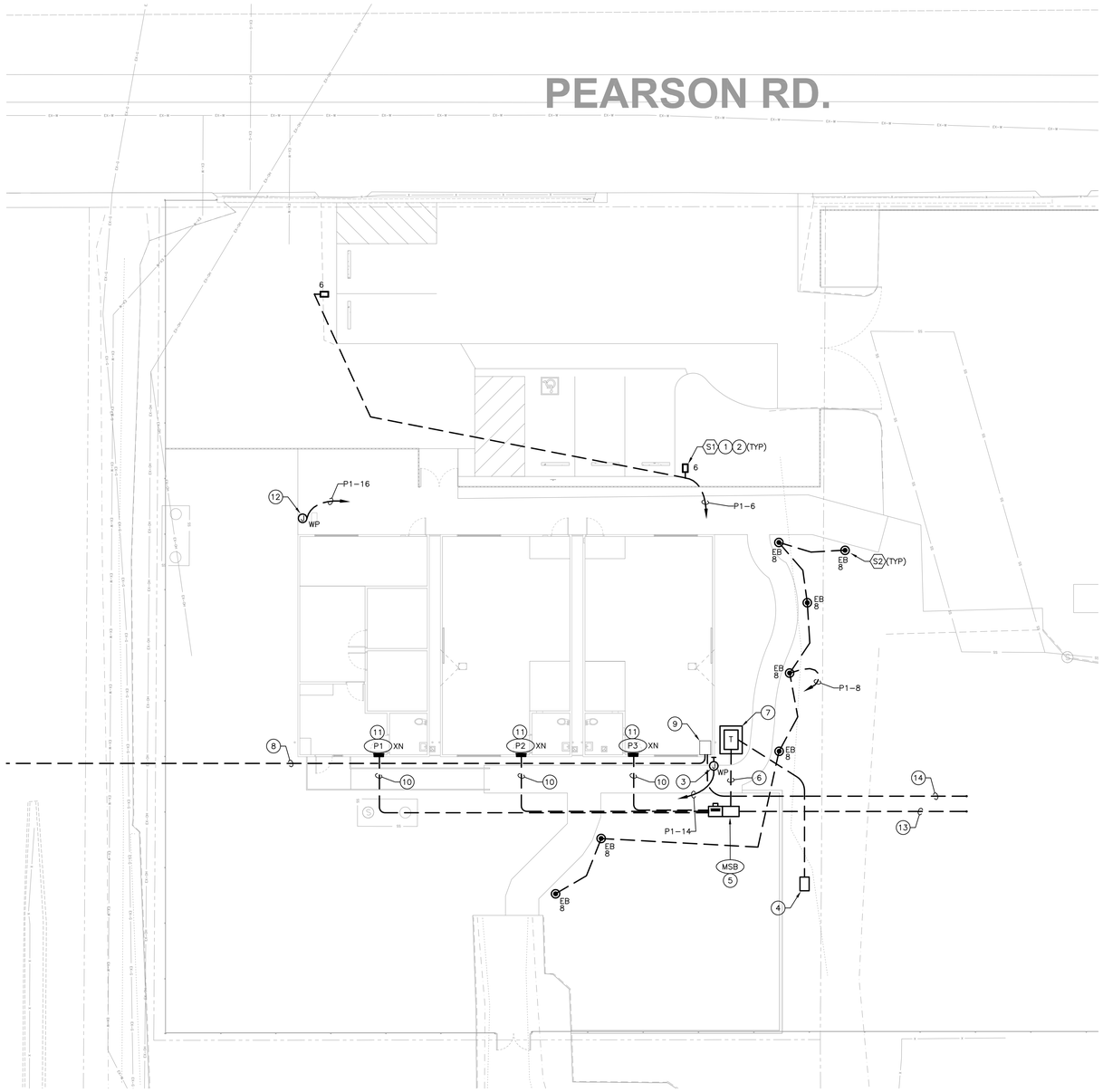


## GENERAL NOTES

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B. CONTRACTOR SHALL VERIFY EXACT QUANTITIES, LOCATIONS AND HEIGHTS OF ALL FIXTURES WITH TENANT AND ARCHITECT PRIOR TO START OF WORK.

C. ALL FIXTURES PROVIDED WITH EGRESS LIGHTING BATTERY PACK BACK-UP SHALL BE FED FROM UNSWITCHED CIRCUIT SERVING LIGHTING IN SAME AREA PER NEC ARTICLE 700.12(F). EMERGENCY BATTERY PACK SHALL BE ACTIVATED ONLY UPON NORMAL POWER FAILURE.

## KEY NOTES

1. REFER TO LIGHTING DETAIL ON E0.2.
2. PROVIDE WITH HOUSE-SIDE SHIELD.
3. ELECTRICAL CONNECTION FOR IRRITGATION CONTROLLER.
4. EXISTING PG&E POINT OF CONNECTION. TO BE VERIFIED
5. 400A ELECTRICAL SERVICE IN NEMA 3R ENCLOUSURE.
6. COORDINATE QUANTITY, SIZE, TYPE, ROUTING AND METHOD OF INSTALLATION WITH PG&E DESIGN PLANS.
7. PROVIDE PAD MOUNTED UTILITY TRANSFORMER.
8. (2) 2" UNDERGROUND CONDUIT FOR NETWORK CONNECTIVITY FROM EXISTING BUILDING B TO TELECOM RACK. COORDINATE QUANTITY AND SIZE OF CONDUIT WITH DISTRICT IT PRIOR TO INSTALLATION.
9. EXISTING TELECOM RACK RELOCATED AS PART OF SCOPE OF WORK. SEE SHEET E2.2 FOR ADDITIONAL INFORMATION.
10. REFER TO SINGLELINE DIAGRAM ON E4.14 FOR FEEDER AND CONDUIT SIZE.
11. EXISTING PANEL TO BE RELOCATED BEHIND DOOR SWING OR AS CLOSE AS POSSIBLE. EXTEND EXISTING CONDUIT AND FEEDER AS NECESSARY TO AVOID ANY OBSTRUCTIONS.
12. ELECTRICAL CONNECTION WATER FOUNTAIN/BOTTLE FILLER.
13. PROVIDE 1-2"C.O. POWER STUB FOR FUTURE PORTABLE IN THIS AREA. VERIFY FINAL LOCATION.
14. PROVIDE 1-2"C.O. TELCOM STUB FOR FUTURE PORTABLE IN THIS AREA FROM EXISTING BUILDING B TO TELECOM RACK. VERIFY FINAL LOCATION.

0' 30" 5' 10' 20'

**ELECTRICAL SITE PLAN** 1" = 10'-0" 1


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| ARCHITECT | ENGINEER |
|---|---|
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KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

ELECTRICAL SITE PLAN

| | |
|---|---|
| Date 04/07/2026 | Project Number 25044 |
| Application Number 02-123854 | Drawing Number E1.1 |
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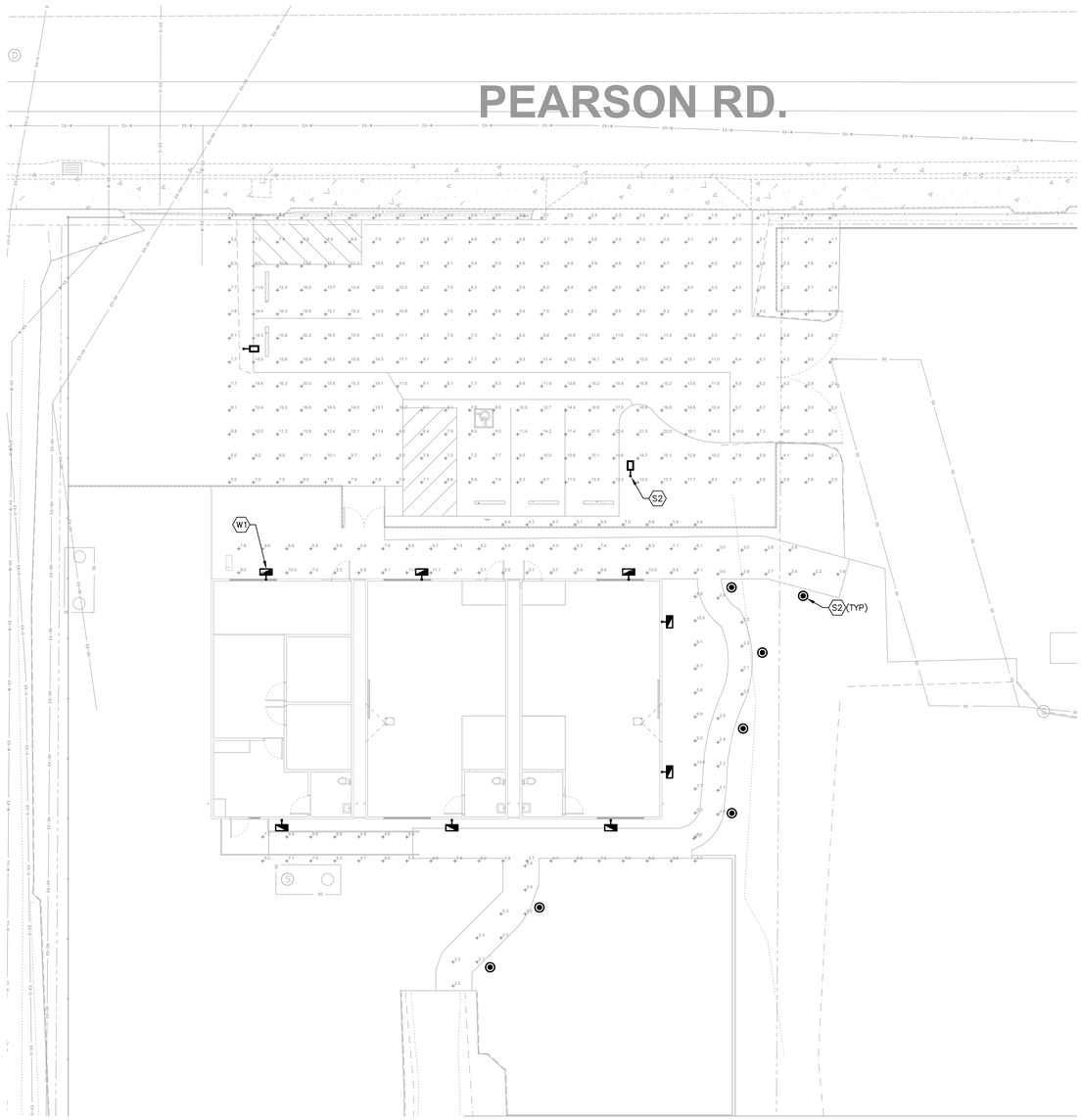


| Statistics | | | | | | |
|---|---|---|---|---|---|---|
| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
| Parking | + | 8.7 fc | 22.2 fc | 0.8 fc | 28.0:1 | 10.9:1 |
| Pathway - Side | + | 2.4 fc | 3.0 fc | 1.9 fc | 1.6:1 | 1.3:1 |
| Pathway - Rear | + | 2.2 fc | 2.4 fc | 2.0 fc | 1.2:1 | 1.1:1 |

0' 30" 5' 10' 20'

LIGHTING SITE PLAN PHOTOMETRIC

1" = 10'-0" 1


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ARCHITECT

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BRIAN P. WHITMORE
No. C 30345
Ren. 9/30/25
STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

ENGINEER

REGISTERED PROFESSIONAL ENGINEER
EDRED A. DAVIS
E18809
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KEY PLAN

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DSA SUBMITTAL V2

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RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

LIGHTING
SITE PLAN
PHOTOMETRIC

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | E1.1PH |
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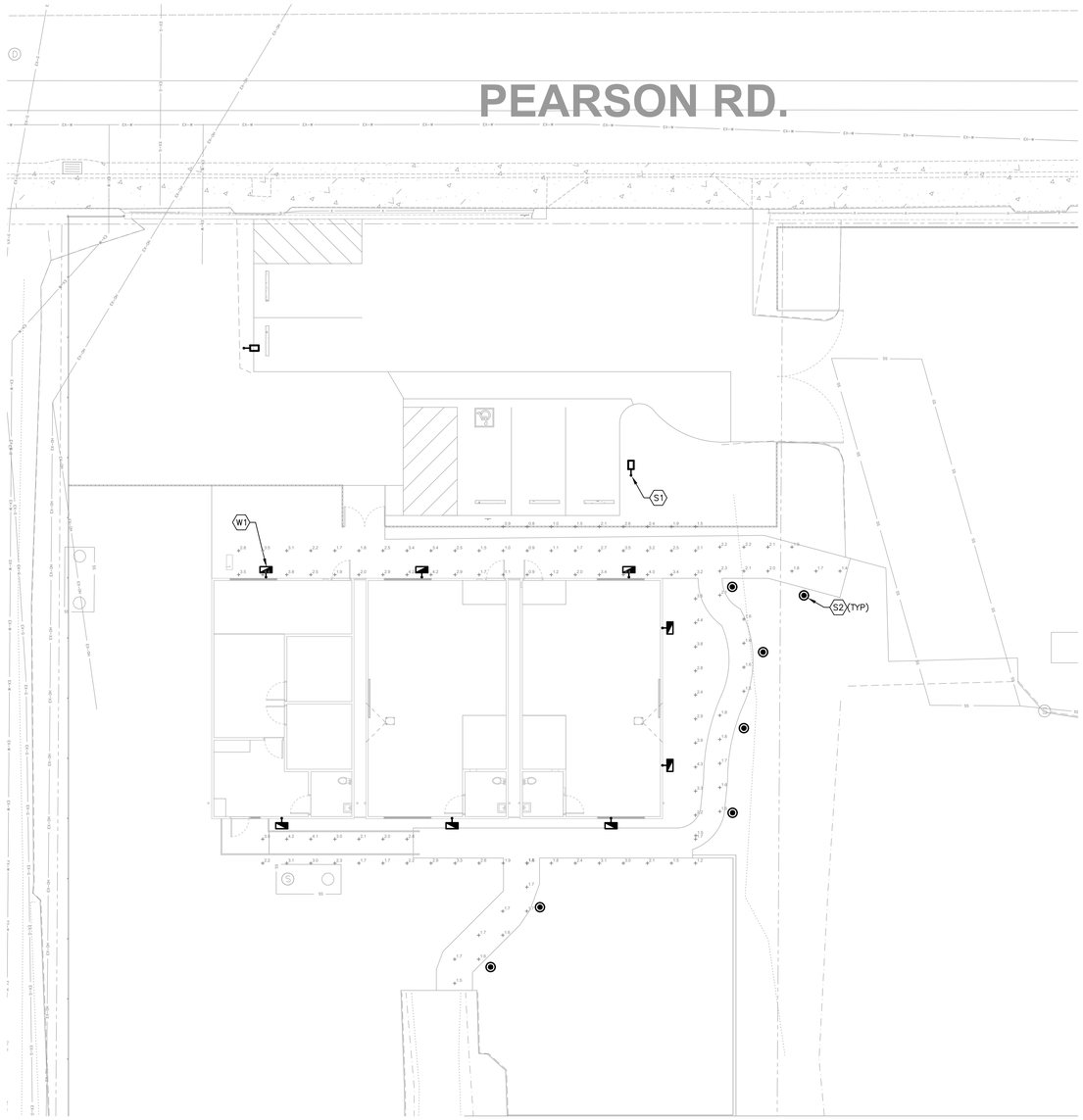


| Statistics | | | | | | |
|---|---|---|---|---|---|---|
| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
| Pathway -Side | + | 1.8 fc | 2.3 fc | 1.4 fc | 1.6:1 | 1.3:1 |
| Pathway - Rear | + | 1.7 fc | 1.8 fc | 1.5 fc | 1.2:1 | 1.1:1 |

0' 30" 5' 10' 20'

**LIGHTING SITE PLAN EGRESS PHOTOMETRIC** 1" = 10'-0" 1


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RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

LIGHTING
SITE PLAN
EGRESS PHOTOMETRIC

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | E1.2PH |
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## GENERAL NOTES

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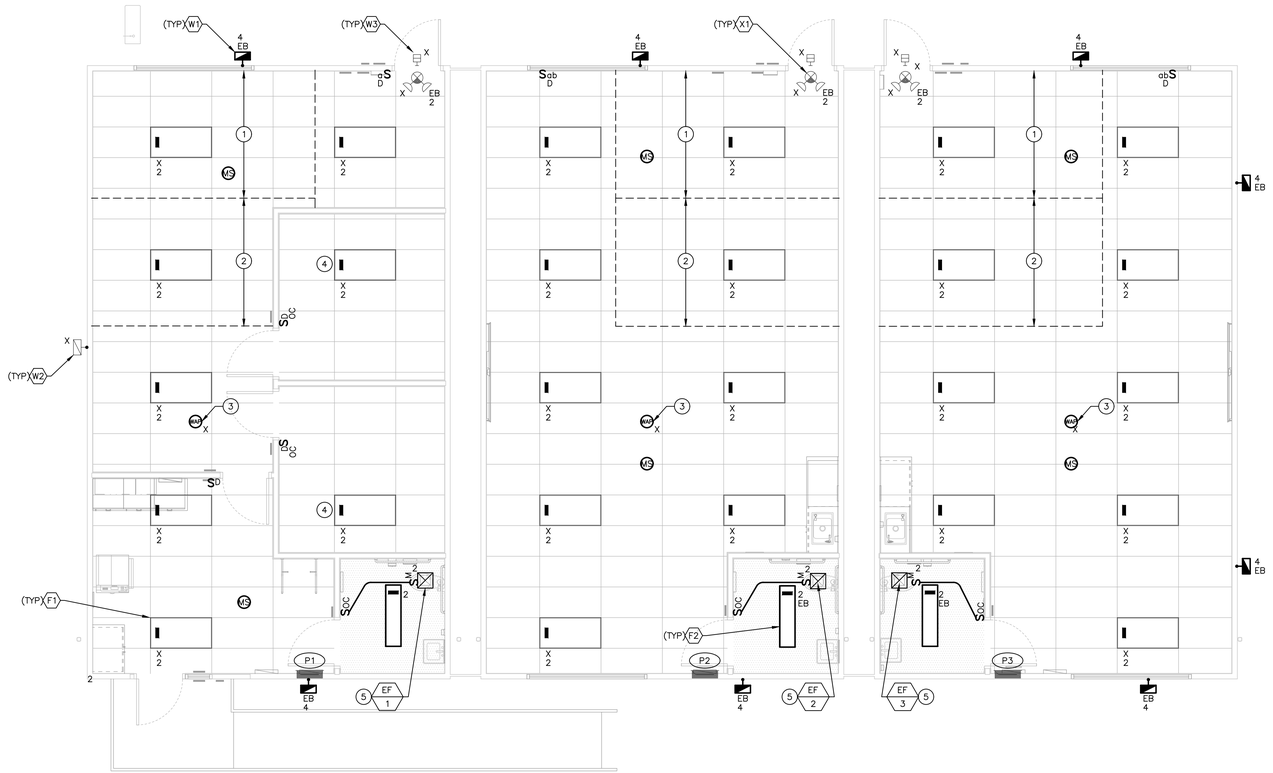
B. CONTRACTOR SHALL VERIFY EXACT QUANTITIES, LOCATIONS AND HEIGHTS OF ALL FIXTURES WITH TENANT AND ARCHITECT PRIOR TO START OF WORK.

C. ALL FIXTURES PROVIDED WITH EGRESS LIGHTING BATTERY PACK BACK-UP SHALL BE FED FROM UNSWITCHED CIRCUIT SERVING LIGHTING IN SAME AREA PER NEC ARTICLE 700.12(F). EMERGENCY BATTERY PACK SHALL BE ACTIVATED ONLY UPON NORMAL POWER FAILURE.

## KEY NOTES

1. PRIMARY SIDE-LIT DAYLIGHTING AREA.
2. SECONDARY SIDE-LIT DAYLIGHTING AREA.
3. EXISTING WIRELESS ACCESS POINT TO REMAIN.
4. RELOCATE EXISTING FIXTURE ONE TILE TO BE AT CENTER OF THE SPACE.
5. INTERLOCK EXHAUST FAN TO RESTROOM LIGHT SWITCH.




0' 1' 2' 4' 8'

**LIGHTING FLOOR PLAN** 1/4" = 1'-0" 1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ARCHITECT

LICENSED ARCHITECT BRYAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA

DATE SIGNED: MM/DD/YYYY

ENGINEER

REGISTERED PROFESSIONAL ENGINEER Edward Dobry No. M32811 Exp. 6/30/26 MECHANICAL STATE OF CALIFORNIA

DATE SIGNED: MM/DD/YYYY

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| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

LIGHTING
FLOOR PLAN

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | E2.1 |
| Drawn K.W. | Checked E.D. |

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FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

## GENERAL NOTES

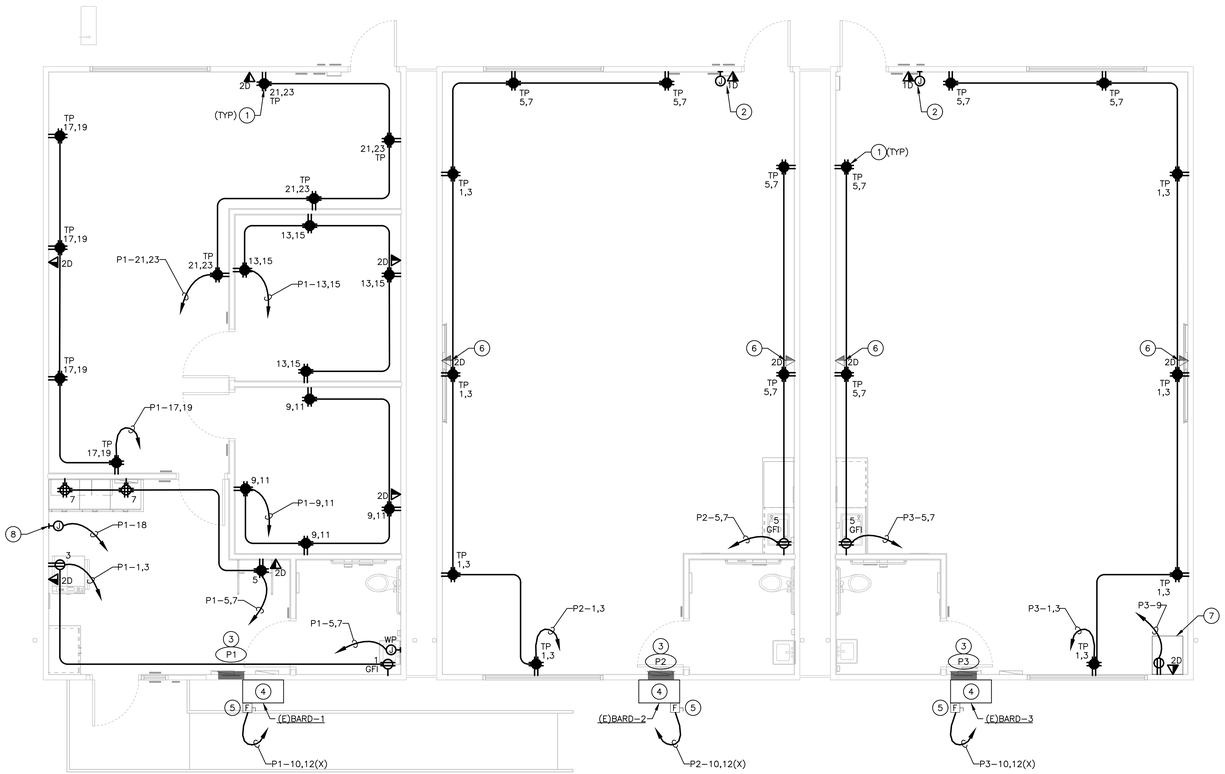
A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

B. CONTRACTOR SHALL VERIFY EXACT QUANTITIES, LOCATIONS AND HEIGHTS OF ALL FIXTURES WITH TENANT AND ARCHITECT PRIOR TO START OF WORK.

## KEY NOTES

1. CONTROLLED QUAD RECEPTACLE. TO BE CONTROLLED VIA THE OCCUPANCY SENSOR IN THE ROOM.
2. PROVIDE JUNCTION BOX FOR INTERCOM/BELL/CLOCK. COORDINATE WITH ARCHITECT FOR FINAL LOCATION. COORDINATE WITH LOW VOLTAGE DESIGN PLANS FOR WIRING REQUIREMENTS.
3. EXISTING PANEL ATTACHED TO RELO.
4. EXISTING HVAC UNIT ATTACHED TO RELO.
5. EXISTING HVAC DISCONNECT SWITCH. CONNECT TO CIRCUIT AS SHOWN.
6. EXISTING TEL/DATA OUTLET TO REMAIN.
7. EXISTING IT RACK RELOCATED. PROVIDE 80" MINIMUM VERTICAL CLEARANCE BELOW THE RACK, UNLESS THE BOTTOM OF CABINET IS BELOW 27"A.F.F. (CBC 11B-307.4).
8. ELECTRICAL CONNECTION FOR FIRE ALARM CONTROL PANEL.

(E) CONTROLLED RECEPTACLES TO BE ROUTED THRU THE OCCUPANCY PER THE SPACE.




0' 1' 2' 4' 8'

**POWER FLOOR PLAN** 1/4" = 1'-0" 1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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRYAN P WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | REGISTERED PROFESSIONAL ENGINEER Lucky Singh No. M32811 Exp. 6/30/26 MECHANICAL STATE OF CALIFORNIA |
| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

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| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

POWER
FLOOR PLAN

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | E2.2 |
| Drawn K.W. | Checked E.D. |

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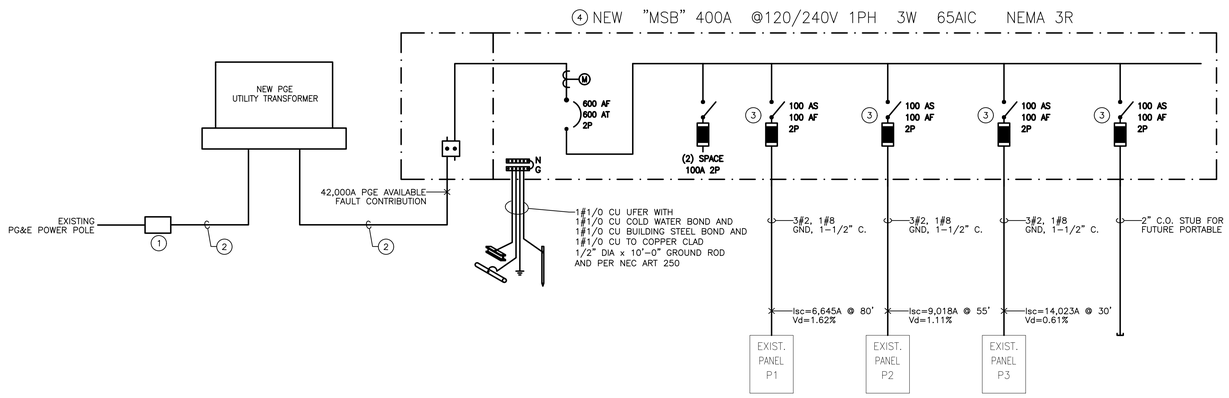
B. ALL WORK SHOWN LIGHT IS EXISTING, ALL WORK SHOWN DARK IS NEW UNLESS NOTED OTHERWISE.

## KEY NOTES

1. EXISTING PG&E ELECTRICAL PULLBOX.
2. PROVIDE PER PG&E UTILITY DESIGN PLANS.
3. PROVDE CURRENT LIMITING FUSE TO LIMIT SHORT CIRCUIT FAULT DOWNSTREAM TO BELOW 10,000 AMPS.
4. PROVIDE PLAQUE PER NEC 110.22




### LOAD SUMMARY

DISTRIBUTION BOARD 'MSB'

| | | |
|---|---|---|
| PANEL P1 | = | 24.39 kVA |
| PANEL P2 | = | 14.19 kVA |
| PANEL P3 | = | 14.99 kVA |
| TOTAL LOAD | | 53.57 kVA |
| 53.57 kVA AT 120/240V, 1 PHASE, 3 WIRE | | 223.21 AMPS |

**SINGLE LINE DIAGRAM** NO SCALE (1)

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|---|---|
| LICENSED ARCHITECT BRIAN P WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | REGISTERED PROFESSIONAL ENGINEER EDRED A. DIAZ E18909 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA |
| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

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DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

SINGLE LINE DIAGRAM AND LOAD SUMMARY


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| Date | Project Number |
|---|---|
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**PANEL:** P1 (EXIST.) | LOCATION: SEE PLANS | MAIN: MLO | BUS: 125A | NEMA 1
VOLTAGE: 240 / 120 | A/C RATING: 10000 | FEED: BOTTOM | MTG: RECESSED
PHASE: 1 | CIRCUIT CODE:
WIRE: 3 | blank or N=NON-CONTINUOUS, L=LONG CONTINUOUS, R=RECEPT (NEC ART. 220-3), K=KITCHEN

| NOTE | DESCRIPTION | CODE | BKR | P | # | VA | PHASE | VA | # | P | BKR | CODE | DESCRIPTION | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1a,3 | COPIER | R | 20 | 1 | 1 | 1080 | A | 256 | 2 | 1 | 20 | L | INTERIOR LTG | 3 |
| 1a,3 | RESTROOM GFI | R | 20 | 1 | 3 | 1080 | B | 50 | 4 | 1 | 20 | L | EXTERIOR LTG | 3 |
| 1b,3 | GFI RECEPTS | R | 20 | 1 | 5 | 360 | A | 212 | 6 | 1 | 20 | L | SITE LIGHTING | 3 |
| 1b,3 | OFFICE QUAD REC | R | 20 | 1 | 7 | 720 | B | 70 | 8 | 1 | 20 | L | PATHWAY LIGHTING | 3 |
| 1c,3 | OFFICE REC | R | 20 | 1 | 9 | 720 | A | 4300 | 10 | 2 | 60 | L | HEAT PUMP | 3 |
| 1c,3 | OFFICE REC-CNTRLLD | R | 20 | 1 | 11 | 720 | B | 4300 | 12 | | | L | - | |
| 1d,3 | OFFICE REC | R | 20 | 1 | 13 | 720 | A | 300 | 14 | 1 | 20 | | IRRIGATION CONTROLLER | 3 |
| 1d,3 | OFFICE REC-CNTRLLD | R | 20 | 1 | 15 | 720 | B | 600 | 16 | 1 | 20 | | WATER FOUNTAIN/BOTTLE | 5 |
| 1e,3 | OFFICE REC | R | 20 | 1 | 17 | 720 | A | 600 | 18 | 1 | 20 | | FACP | 2,3 |
| 1e,3 | OFFICE REC-CNTRLLD | R | 20 | 1 | 19 | 720 | B | | 20 | 1 | 20 | | SPARE | |
| 1f,3 | ADMIN OFFICE REC | R | 20 | 1 | 21 | 720 | A | 1200 | 22 | 2 | 20 | | INSTA HOT WH-1 | 4 |
| 1f,3 | ADMIN OFFICE REC-CNTRLLD | R | 20 | 1 | 23 | 720 | B | 1200 | 24 | | | | - | |

| | | | | | |
|---|---|---|---|---|---|
| CONNECTED VA Ø A | 11188 | CONNECTED VA (N) | 3900 | PANEL CONN. AMPS WITH LCL | 101.60 | PANEL DEMAND KVA WITH LCL | 24.39 |
| CONNECTED VA Ø B | 10900 | CONNECTED VA (L) | 9188 | CONNECTED VA WITH LCL (L) | 11485 | PANEL DEMAND AMPS WITH LCL | 101.60 |
| | | CONNECTED VA (R) | 9000 | DEMAND VA (R) | 9000 | PANEL CONNECTED AMPS | 92.03 |
| TOTAL VA | 22088 | CONNECTED VA (K) | 0 | DEMAND VA (K) | 0 | HIGH Ø AMPS WITH LCL | 102.63 |

1 PROVIDE LISTED HANDLE-TIE DEVICE
2 PROVIDE CIRCUIT BREAKER LOCK-ON DEVICE
3 EXISTING CIRCUIT BREAKER WITH REVISED LOAD
4 PROVIDE NEW CIRCUIT BREAKER TO REPLACE EXISTING OF SAME TYPE, STYLE AND AIC RATING AS EXISTING
5 PROVIDE GFI CIRCUIT BREAKER
SPECIAL NOTES:

**PANEL:** P2 (EXIST.) | LOCATION: SEE PLANS | MAIN: MLO | BUS: 125A | NEMA 1
VOLTAGE: 240 / 120 | A/C RATING: 10000 | FEED: BOTTOM | MTG: RECESSED
PHASE: 1 | CIRCUIT CODE:
WIRE: 3 | blank or N=NON-CONTINUOUS, L=LONG CONTINUOUS, R=RECEPT (NEC ART. 220-3), K=KITCHEN

| NOTE | DESCRIPTION | CODE | BKR | P | # | VA | PHASE | VA | # | P | BKR | CODE | DESCRIPTION | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1a,3 | CLASSROOM REC | R | 20 | 1 | 1 | 720 | A | 256 | 2 | 1 | 20 | L | INTERIOR LTG | 3 |
| 1a,3 | CLASSROOM REC-CNTRLLD | R | 20 | 1 | 3 | 720 | B | 50 | 4 | 1 | 20 | L | EXTERIOR LTG | 3 |
| 1b,3 | CLASSROOM REC | R | 20 | 1 | 5 | 900 | A | | 6 | 1 | 20 | | SPARE | |
| 1b,3 | CLASSROOM REC-CNTRLLD | | 20 | 1 | 7 | 720 | B | | 8 | 1 | 20 | | SPARE | |
| | SPARE | | 20 | 1 | 9 | | A | 4300 | 10 | 2 | 60 | L | HEAT PUMP | 3 |
| | SPACE | | | | 11 | | B | 4300 | 12 | | | L | - | |
| | SPACE | | | | 13 | | A | | 14 | | | | SPACE | |
| | SPACE | | | | 15 | | B | | 16 | | | | SPACE | |
| | SPACE | | | | 17 | | A | | 18 | | | | SPACE | |
| | SPACE | | | | 19 | | B | | 20 | | | | SPACE | |
| | SPACE | | | | 21 | | A | | 22 | | | | SPACE | |
| | SPACE | | | | 23 | | B | | 24 | | | | SPACE | |

| | | | | | |
|---|---|---|---|---|---|
| CONNECTED VA Ø A | 6176 | CONNECTED VA (N) | 720 | PANEL CONN. AMPS WITH LCL | 59.14 | PANEL DEMAND KVA WITH LCL | 14.19 |
| CONNECTED VA Ø B | 5790 | CONNECTED VA (L) | 8906 | CONNECTED VA WITH LCL (L) | 11133 | PANEL DEMAND AMPS WITH LCL | 59.14 |
| | | CONNECTED VA (R) | 2340 | DEMAND VA (R) | 2340 | PANEL CONNECTED AMPS | 49.86 |
| TOTAL VA | 11966 | CONNECTED VA (K) | 0 | DEMAND VA (K) | 0 | HIGH Ø AMPS WITH LCL | 60.43 |

1 PROVIDE LISTED HANDLE-TIE DEVICE
2 PROVIDE CIRCUIT BREAKER LOCK-ON DEVICE
3 EXISTING CIRCUIT BREAKER WITH REVISED LOAD
6
7
8
9
10
SPECIAL NOTES:

**PANEL:** P3 (EXIST.) | LOCATION: SEE PLANS | MAIN: MLO | BUS: 125A | NEMA 1
VOLTAGE: 240 / 120 | A/C RATING: 10000 | FEED: BOTTOM | MTG: RECESSED
PHASE: 1 | CIRCUIT CODE:
WIRE: 3 | blank or N=NON-CONTINUOUS, L=LONG CONTINUOUS, R=RECEPT (NEC ART. 220-3), K=KITCHEN

| NOTE | DESCRIPTION | CODE | BKR | P | # | VA | PHASE | VA | # | P | BKR | CODE | DESCRIPTION | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1a,3 | CLASSROOM REC | R | 20 | 1 | 1 | 720 | A | 256 | 2 | 1 | 20 | L | INTERIOR LTG | 3 |
| 1a,3 | CLASSROOM REC-CNTRLLD | R | 20 | 1 | 3 | 720 | B | 50 | 4 | 1 | 20 | L | EXTERIOR LTG | 3 |
| 1b,3 | CLASSROOM REC | R | 20 | 1 | 5 | 900 | A | | 6 | | | | SPACE | |
| 1b,3 | CLASSROOM REC-CNTRLLD | R | 20 | 1 | 7 | 720 | B | | 8 | | | | SPACE | |
| 3 | IT RACK | R | 20 | 1 | 9 | 800 | A | 4300 | 10 | 2 | 60 | L | HEAT PUMP | 3 |
| | SPACE | | | | 11 | | B | 4300 | 12 | | | L | - | |
| | SPACE | | | | 13 | | A | | 14 | | | | SPACE | |
| | SPACE | | | | 15 | | B | | 16 | | | | SPACE | |
| | SPACE | | | | 17 | | A | | 18 | | | | SPACE | |
| | SPACE | | | | 19 | | B | | 20 | | | | SPACE | |
| | SPACE | | | | 21 | | A | | 22 | | | | SPACE | |
| | SPACE | | | | 23 | | B | | 24 | | | | SPACE | |

| | | | | | |
|---|---|---|---|---|---|
| CONNECTED VA Ø A | 6976 | CONNECTED VA (N) | 0 | PANEL CONN. AMPS WITH LCL | 62.47 | PANEL DEMAND KVA WITH LCL | 14.99 |
| CONNECTED VA Ø B | 5790 | CONNECTED VA (L) | 8906 | CONNECTED VA WITH LCL (L) | 11133 | PANEL DEMAND AMPS WITH LCL | 62.47 |
| | | CONNECTED VA (R) | 3860 | DEMAND VA (R) | 3860 | PANEL CONNECTED AMPS | 53.19 |
| TOTAL VA | 12766 | CONNECTED VA (K) | 0 | DEMAND VA (K) | 0 | HIGH Ø AMPS WITH LCL | 67.09 |

1 PROVIDE LISTED HANDLE-TIE DEVICE
2 PROVIDE CIRCUIT BREAKER LOCK-ON DEVICE
3 EXISTING CIRCUIT BREAKER WITH REVISED LOAD
6
7
8
9
10
SPECIAL NOTES:


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ARCHITECT | ENGINEER

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DATE SIGNED: MM/DD/YYYY

REGISTERED PROFESSIONAL ENGINEER EDRED A. DUQUE No. E18809 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA
DATE SIGNED: MM/DD/YYYY

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| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

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PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

PANEL SCHEDULES

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | E4.2 |
| Drawn: K.W. | Checked: E.D. |

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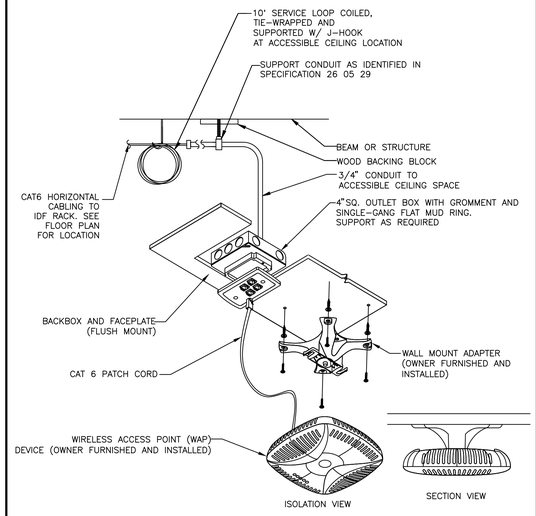
NOT USED | SCALE NONE | 9

NOT USED | SCALE NONE | 7

NOT USED | SCALE NONE | 4

## CEILING MOUNT (WAP) DETAIL | SCALE NONE | 1

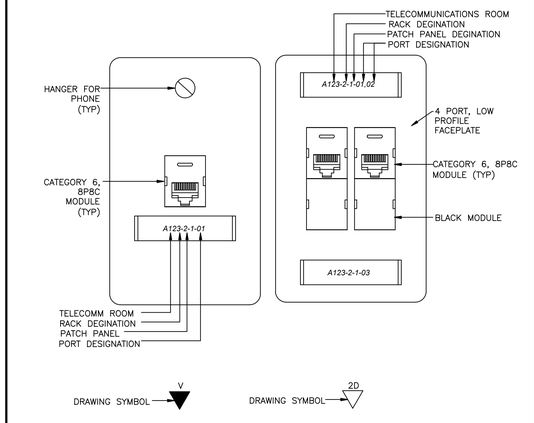



NOT USED | SCALE NONE | 10

NOT USED | SCALE NONE | 8

NOT USED | SCALE NONE | 5

## TELECOM FACEPLATES | SCALE NONE | 2




NOT USED | SCALE NONE | 12

NOT USED | SCALE NONE | 11

NOT USED | SCALE NONE | 6

## CEILING DEVICES SUPPORT DETAIL | SCALE NONE | 3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ELECTRICAL DETAILS

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## SCOPE OF WORK

THE SCOPE OF WORK CONSISTS OF SAFE REMOVAL, DEMOLITION, AND REPLACEMENT OF THE EXISTING FIRE ALARM SYSTEM WITHIN THE (3) MODULAR CLASSROOMS. WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING.

1. DEMOLITION / REMOVAL:
   - A. DISCONNECTION, REMOVE, AND PROPERLY DISPOSE OF EXISTING FIRE ALARM SYSTEM COMPONENTS INCLUDING CONTROL PANELS, INITIATING DEVICES, NOTIFICATION APPLIANCES, WIRING, AND ASSOCIATED HARDWARE AS INDICATED ON THE PLANS. EXISTING CONDUITS TO REMAIN AND REUSE FOR NEW FIRE ALARM DEVICES.
   - B. CAP AND MAKE SAFE ANY ABANDONED CONDUIT OR WIRING NOT REUSED.
   - C. ENSURE ALL DEMOLITION ACTIVITIES COMPLY WITH NFPA 72, LOCAL FIRE CODE, AND SCHOOL DISTRICT REQUIREMENTS.
   - D. MAINTAIN TEMPORARY FIRE WATCH OR INTERIM PROTECTION AS DIRECTED DURING PERIODS WHEN THE FIRE ALARM SYSTEM IS OFFLINE.
   - E. ALL PENETRATIONS LEFT BY REMOVED DEVICES AND APPLIANCES SHALL BE PATCHED TO MAINTAIN THE INTEGRITY OF FIRE RATED ASSEMBLIES.
   - F. PROVIDE BLANK COVER PLATE FOR ALL DEVICES REMOVED AND LOCATION NOT BEING REUSE.
2. INSTALLATION / UPGRADE:
   - A. PROVIDE AND INSTALL A NEW FULL CODE-COMPLIANT FIRE ALARM SYSTEM INCLUDING A MAIN FIRE ALARM CONTROL PANEL, DETECTORS, NOTIFICATION APPLIANCES, AND RELATED ACCESSORIES.
   - B. INSTALL NEW CONDUIT AND CABLING WHERE REQUIRED FOR THE UPGRADE SYSTEM.
   - C. PROVIDE TESTING, PROGRAMMING, AND CERTIFICATION OF THE NEW SYSTEM IN ACCORDANCE WITH NFPA AND LOCAL AHJ (AUTHORITY HAVING JURISDICTION) REQUIREMENTS.
3. COORDINATION:
   - A. COORDINATE WORK ACTIVITIES WITH SCHOOL ADMINISTRATION TO MINIMIZE DISRUPTION TO ONGOING OPERATIONS.
   - B. WORKING TO BE PERFORMED AND COORDINATE WITH SCHOOL DISTRICT FOR AFTER SCHOOL HOURS, ON WEEKENDS,OR DURING SCHOOL BREAKS WHERE FEASIBLE.
4. FINAL ACCEPTANCE.
   - A. CONDUIT FULL SYSTEM TESTING IN PRESENCE OF (AHJ) AND SCHOOL REPRESENTATIVES.
   - B. PROVIDE RECORD DRAWINGS, O&M MANUALS, AND TRAINING FOR SCHOOL STAFF.
   - C. DELIVER COMPLETE CLOSEOUT DOCUMENTATION INCLUDING TEST REPORTS AND WARRANTY INFORMATION.
5. ADDITIONAL SCOPE NOTES:
   - A. PROVIDE SHOP DRAWINGS AND DOCUMENTATION FOR REVIEW AND APPROVAL PRIOR TO START OF WORK.
   - B. DEMOLISH AND SALVAGE THE SELECTED EXISTING FIRE ALARM REMOTE POWER SUPPLIES, FIRE ALARM AND ASSOCIATED DEVICES WIRING AS INDICATED ON PLANS. EXISTING CONDUITS TO REMAIN.
   - C. REPAIR OR PATCH ALL HOLES CREATED BY THE INSTALLATION OF THE NEW SYSTEM OF REMOVAL OF EXISTING EQUIPMENT. PAINT REPAIRS TO MATCH EXISTING CONDITIONS. RESTORE FIRE RESISTIVE RATING WHERE REQUIRED.
   - D. CONTRACTOR SHALL PROVIDE AND INSTALL ACCESS PANELS IN NON-ACCESSIBLE CEILINGS WHERE REQUIRED TO ACCESS EQUIPMENT IN CEILING SPACE. ACCESS DOORS SHALL HAVE FIRE RATING EQUAL TO THE CEILING ASSEMBLY IN WHICH THEY ARE INSTALLED.
   - E. CONTRACTOR SHALL PROVIDE FIRE WATCH AT CAMPUS, OR AFFECTED PORTION OF THE CAMPUS PER DSA IR F-2.

## GENERAL NOTES

1. APPLICABLE STANDARD 2025 NFPA 72
2. INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
3. UPON COMPLETION OF THE SYSTEM A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
4. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.
6. DSA, ARCHITECT/ENGINEER OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND / OR TESTING.
7. ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER LAB TESTING CRITERIA APPROVED TYPE OF MATERIALS SHALL BE IDENTIFIED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
8. WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80"MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.
9. WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90"MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THAN 6" TO A HORIZONTAL STRUCTURE.
10. AUDIBLE DEVICES TO BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR FIVE dBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIABLE SPACE WITHIN THE BUILDING.
11. AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
12. THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
13. VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA. VISUAL DEVICES WITHIN 55'FROM EACH OTHER SHALL BE SYNCHRONIZED.
14. UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVAL FOR WET LOCATIONS.
15. ALL FIRE ALARM WIRING SHALL BE FPL OR FPLP (FIRE POWER LIMITED OR FIRE POSER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN OR THWN.
16. PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTION DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. THERE MUST BE AT LEAST 6'0F LEAD WIRE FROM THE BOX TO THE DEVICE. ALL BOXES TO BE SIZED PER CEC.
17. SMOKE DETECTORS SHALL NOT BE CLOSER THAN 1' FROM FIRE SPRINKLERS OR 3'FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.
18. ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN NEAT AND PROTECTED MANOR AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
19. FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICES SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS
20. A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE 'ON'POSITION. THE CIRCUIT BREAKER SHALL BE LABELED 'FIRE ALARM CIRCUIT CONTROL' CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.
21. THE INSTALLING CONTRACTOR SHALL PROVIDE A COMPLETED "SYSTEM RECORD OF COMPLETION" PER NFPA 72, FIGURE 17.8.2.
22. CONTROL PANELS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48" ABOVE FINISHED FLOOR.
23. THE INSTALL CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
24. SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
25. OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.

## FIRE ALARM GENERAL NOTES

1. THE FIRE ALARM SHALL CONFORM TO ARTICLE 760 OF THE CALIFORNIA ELECTRICAL CODE.
2. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION (FIRE MARSHAL). THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEST EQUIPMENT (e.g. DIGITAL AMMETER, DECIBEL METER) AND VERIFY THAT THE GROUND FAULT DETECTION FOR THE FIRE ALARM SYSTEM IS OPERATIONAL DURING TESTING AND REMAINS SO ONCE THE SYSTEM IS APPROVED. UPON APPROVAL OF THE FIRE ALARM SYSTEM, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE SET OF OPERATING INSTRUCTIONS FOR THE SYSTEM.
3. A MINIMUM OF 48 HOURS NOTICE SHALL BE REQUIRED PRIOR TO ANY INSPECTION AND/OR TEST.
4. AN APPROVED, STAMPED SET OF THE FIRE ALARM PLANS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION. ANY DEVIATIONS FROM THE APPROVED PLANS, INCLUDING SUBSTITUTION OF DEVICES, SHALL BE APPROVED BY THE FIRE MARSHAL.
5. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR OF RECORD.
6. ALL DEVICES OF THE FIRE ALARM SYSTEM SHALL BE APPROVED AND LISTED BY THE CALIFORNIA STATE FIRE MARSHAL.
7. A "RECORD OF COMPLETION" SHALL BE PREPARED BY THE INSTALLER AND GIVEN TO THE FIRE MARSHAL UPON COMPLETION OF THE INSTALLATION.
8. ALL TERMINAL CABINETS AND JUNCTION BOXES SHALL BE CLEARLY MARKED THAT THE ENCLOSURE IS PART OF THE FIRE ALARM SYSTEM.
9. THE CONTRACTOR SHALL LOCATE ALL SMOKE DETECTION DEVICES A MINIMUM OF 36" FROM ANY MECHANICAL REGISTERS.
10. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE. WIRE LENGTHS USED TO CALCULATE VOLTAGE DROPS REPRESENT ESTIMATES BASED ON MEASUREMENTS OF SCALED FLOOR PLAN DRAWINGS. CONTRACTOR TO ROUTE CONDUIT AS FIELD CONDITIONS REQUIRE. CONTRACTOR TO INSTALL ALL DEVICES ACCORDING TO MANUFACTURERS INSTRUCTIONS AND IN COMPLIANCE WITH ALL APPLICABLE CODES.

## FIRE ALARM DEVICE LEGEND

| SYMBOL | DESCRIPTION | MOUNTING/BACKBOX/RING |
|---|---|---|
| DCB | DOCUMENT BOX<br>MANUFACTURER: SPACE AGE<br>MODEL: ACE-11<br>CSFM #: 7300-0553:0110 | SPECIAL BACKBOX SUPPLIED BY FIRE ALARM CONTRACTOR |
| FACP | FIRE ALARM/VOICE EVAC CONTROL PANEL<br>MANUFACTURER: HONEYWELL<br>MODEL: ES-50X<br>CSFM #: 7165-0075:0500 | WEIGHT: 26.9 LBS |
| | ADDRESSABLE SMOKE DETECTOR<br>MANUFACTURER: SILENT KNIGHT<br>DETECTOR MODEL: SK-PHOTO-W<br>BASE MODEL: B300-6<br>SMOKE CSFM #: 7272-0559:0512<br>BASE CSFM #: 7300-1653:0109 | 4 SQUARE DEEP BOX WITH 3-0 RING<br>MOUNT 3" AWAY FROM ANY AIR MOVEMENT SYSTEMS |
| HD | RATE OF RISE 135° HEAT DETECTOR<br>MANUFACTURER: SILENT KNIGHT<br>DETECTOR MODEL: SK-HEAT-W<br>BASE MODEL: B300-6<br>HEAT CSFM #: 7270-0559:0511<br>BASE CSFM #: 7300-1653:0109 | 4 SQUARE DEEP BOX WITH 3-0 RING<br>INSTALL ABOVE CEILING SPACE. |
| | SPEAKER/STROBE<br>WALL MOUNTED<br>MANUFACTURER: SYSTEM SENSOR<br>MODEL: SPSRL<br>CSFM #: 7320-1653:0505 | 4 SQUARE DEEP BOX WITH EXTENSION<br>TAP SPEAKER AT 1/2 MIN. WATT U.O.N |
| | SPEAKER/STROBE<br>CEILING MOUNTED<br>MANUFACTURER: SYSTEM SENSOR<br>MODEL: SPSCRL<br>CSFM #: 7320-1653:0505 | 4 SQUARE DEEP BOX WITH EXTENSION<br>TAP SPEAKER AT 1/2 WATT MIN. U.O.N. |
| WP SPSR | WALL MOUNTED EXTERIOR SPEAKER<br>WEATHER RESISTANT<br>MANUFACTURER: SYSTEM SENSOR<br>MODEL: SPWKL<br>CSFM #: 7125-1653:0539 | FLUSH MOUNT: 4 SQUARE DEEP BOX WITH EXTENSION<br>SURFACE MOUNT: WBB-R WEATHER PROOF BACKBOX<br>TAP SPEAKER AT 2 WATT U.O.N. |
| FATC | FIRE ALARM TERMINAL CABINET | SURFACE MOUNT CABINET |

15cd – REPRESENTS CANDELA INTENSITY
CX – REPRESENTS NAC CIRCUIT NUMBER AND REPRESENTS SPEAKER CIRCUIT NUMBER
L1 – REPRESENTS SLC NUMBER

NOTE:
NOT ALL COMPONENTS USED FOR THE VOICE EVAC PANEL ARE SHOWN. QUANTITIES FOR BIDDING PURPOSE ONLY.

## DEVICE LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| FATC | TERMINAL CABINET WITH PLYWOOD BACKBOARD |

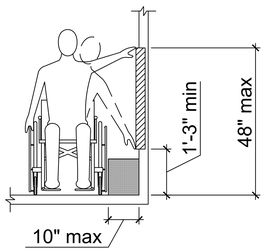
## CONDUIT LEGEND

| | |
|---|---|
| ——— | CONDUIT CONCEALED IN WALL OR CEILING SPACE, UNLESS OTHERWISE NOTED |
| – – – – – | CONDUIT CONCEALED UNDER FLOOR OF SLAB OR UNDERGROUND, UNLESS OTHERWISE NOTED |

## WIRE LEGEND

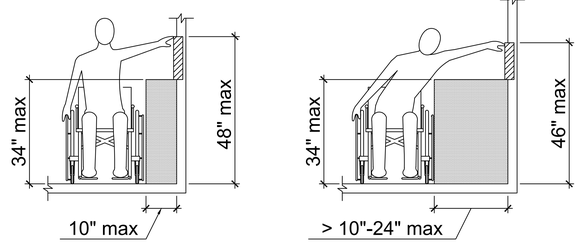
| | |
|---|---|
| A | 2 #18 AWG SOLID FPLR 1 RED / 1 BLK – INTERIOR SLC |
| B | 2 #12 AWG SOLID FPLR 1 PNK / 1 PRP – STROBES |
| C | 2 #16 AWG FPLR 1 PAIR (SHIELDED) 1 RED / 1 BLK – SPEAKERS |

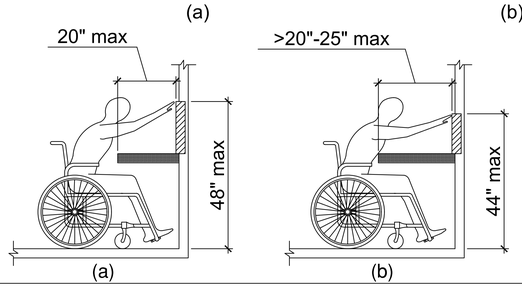
## ACCESSIBLE MOUNTING DETAIL




UNOBSTRUCTED SIDE REACH

1. UNOBSTRUCTED: WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES MAX AND THE LOW SIDE REACH SHALL BE 15 INCHES MIN ABOVE FINIS FLOOR OR GROUND.
   - A. EXCEPTION: AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10 INCHES MAX.
2. OBSTRUCTED HIGH REACH: WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AND OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAX AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAX, THE HIGH SIDE REACH SHALL BE 48 INCHES MAX FOR A REACH DEPTH OF 10 INCHES MAX WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAX FOR A REACH DEPTH OF 24 INCHES MAX.
3. OPERATION: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX.




1. UNOBSTRUCTED: WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAX AND THE LOW FORWARD REACH SHALL BE 15 INCHES MIN ABOVE FINISH FLOOR OR GROUND.
2. OBSTRUCTED HIGH REACH: WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION AND THE DEPTH OF THE OBSTRUCTION SHALL BE 25 INCHES MAX THE HIGH FORWARD REACH SHALL BE 48 INCHES MAX FOR A REACH DEPTH OF 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAX FOR A DEPTH OF 25 INCHES MAX.
3. OPERATION: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX.

NOTE:

PROVIDE FIRE ALARM SYSTEM PER CFC 907.6.6.3 SPECIFYING AUTOMATIC FIRE ALARM SYSTEM SHALL BE MONITORED AND SHALL TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISION STATION IN ACCORDANCE WITH NFPA 72, AS AMENDED BY CFC CHAPTER 80. THE SUPERVISION STATION SHALL BE LISTED AS EITHER UUFX (CENTRAL STATION OR UUJS (REMOTE & PROPRIETARY) BY UL OR OTHER APPROVED LISTING AND TESTING LABORATORY OR SHALL COMPLY WITH THE REQUIREMENTS OF STANDARD, FACTORY MUTUAL (FM) 3011. TERMINATION OF MONITORING SERVICES SHALL BE IN ACCORDANCE WITH CBC/CFC SECTION 907.6.6.3

## PARTIAL LIST OF APPLICABLE CODES

- 2025 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
- 2025 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
- 2025 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
- 2025 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
- 2025 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
- 2025 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
- 2025 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
- 2025 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
- 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
- 2025 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, CCR
- TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS

## PARTIAL LIST OF APPLICABLE STANDARDS

| | | |
|---|---|---|
| NFPA 72 | NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED) | 2025 EDITION |
| UL 464 | AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES | 2023 EDITION |
| UL 521 | STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS | 2025 EDITION |
| UL 1971 | STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED | 2024 EDITION |

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2025 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.
SEE CALIFORNIA BUILDING CODE, CHAPTER 35, FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

## FIRE ALARM SEQUENCE OF OPERATIONS MATRIX

SYSTEM OUTPUTS

| | CONTROL UNIT ANNUNCIATION | | | NOTIFICATION | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SYSTEM INPUTS | ACTUATE COMMON ALARM SIGNAL INDICATOR | ACTUATE AUDIBLE ALARM/SPEAKER SIGNAL | ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR | ACTUATE AUDIBLE SUPERVISORY SIGNAL | ACTUATE COMMON TROUBLE SIGNAL INDICATOR | ACTUATE AUDIBLE COMMON TROUBLE SIGNAL | ACTUATE EVACUATION SIGNALS | DISPLAY CHANGE OF STATUS | TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION | TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION | TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION | ACTUATE INTELLIGIBLE MESSAGE |
| | A | B | C | D | E | F | G | H | I | J | K | L |
| 1 SMOKE DETECTORS | ● | ● | | | | | ● | ● | ● | | | ● |
| 2 HEAT DETECTORS | ● | ● | | | | | ● | ● | ● | | | ● |
| 3 FIRE ALARM AC POWER FAILURE | | | | | ● | ● | | | | | ● | |
| 4 FIRE ALARM SYSTEM LOW BATTERY | | | | | ● | ● | | | | | ● | |
| 5 OPEN CIRCUIT | | | | | ● | ● | | | | | ● | |
| 6 GROUND CIRCUIT | | | | | ● | ● | | | | | ● | |
| 7 NOTIFICATION APPLIANCE CIRCUIT SHORT | | | | | ● | ● | | | | | ● | |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ARCHITECT: LICENSED ARCHITECT BRIAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA — DATE SIGNED: MM/DD/YYYY

ENGINEER: REGISTERED PROFESSIONAL ENGINEER Richard T. Quick E18909 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA — DATE SIGNED: MM/DD/YYYY

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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

| | DATE |
|---|---|
| ○ DSA PLAN CHECK | 02/18/2026 |
| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

FIRE ALARM LEGEND AND GENERAL NOTES

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | FA0.1 |
| Drawn K.W. | Checked E.D. |

PRINT DATE: 2/19/2026 8:43:14 AM
FILE PATH: Autodesk Docs://2044 Paradise USD Honey Run/25044-Paradise USD Honey Run-A23.rvt

| FIRE ALARM WIRE LEGEND | | | | |
|---|---|---|---|---|
| SYMBOL | WIRE SIZE | MANUFACTURER | MODEL NO. | DESCRIPTION |
| (A) | (2)#18 | WEST PENN | D975 | INDOOR SHIELDED TWISTED PAIR (INITIATION CIRCUIT) |
| (B) | (2)#12 | WEST PENN | D999 | INDOOR TWISTED PAIR (STROBE CIRCUIT) |
| (C) | (2)#16 | WEST PENN | D991 | INDOOR SHIELDED TWISTED PAIR CABLE (SPEAKER CIRCUIT) |

# GENERAL NOTES

A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

B. ALL WORK SHOWN LIGHT IS EXISTING, ALL WORK SHOWN DARK IS NEW UNLESS NOTED OTHERWISE.

C. ALL FIRE ALARM CABLING SHALL BE IN A PROTECTED CONDUIT OF MINIMUM SIZE OF 3/4".

# KEY NOTES

(1) PROVIDE DEDICATED CIRCUIT BREAKER WITH LOCK-ON "RED" HANDLE. SEE ELECTRICAL PLANS.

(2) EXISTING DEVICE TO REMAIN. RELOCATE PER LOCATION SHOWN ON PLAN FA2.1.

## FIRE ALARM CIRCUIT VOLTAGE LINE LOSS

24 VOLTS

| CIRCUIT NUMBER | DEVICE LOAD IN AMPS S/S 15 CD CLG MOUNTED | DEVICE LOAD IN AMPS S/S 15 CD WALL MOUNTED | DEVICE LOAD IN AMPS S/S 75 CD CLG MOUNTED | DEVICE LOAD IN AMPS S/S 75 CD WALL MOUNTED | TOTAL DEVICE LOAD IN AMPS | CONDUCTOR CROSS-SECTIONAL AREA IN CIRCULAR MILLS | SEGMENT LENGTH IN FEET | VOLTAGE LOSS IN VOLT | LINE LOSS IN % |
|---|---|---|---|---|---|---|---|---|---|
| | 0.041 | 0.043 | 0.111 | 0.107 | | | | | |
| V1 | 3 | 3 | 3 | | 0.585 | 6530 | 350 | 0.790 | 3.293% |

## SPEAKER CIRCUIT CALCULATION

| CIRCUIT NO. | 1/4 W | 1/2 W | 1 W | 2 W | 2 W | 3W | 4W | 8W | 15W | TOTAL WATTS (AMPS) | WIRE SIZE AWG | MAX DISTANCE (FEET) | PERCENT VOLTAGE DROP (%) | END OF LINE VOLTS (V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.004 | 0.007 | 0.014 | 0.029 | 0.029 | 0.043 | 0.057 | 0.114 | 0.214 | | | | | |
| S1 | | 6 | 3 | 3 | | | | | | 0.171 | #12 | 350 | 0.34% | 69.76 |

## BATTERY CAPACITY CALCULATION SHEET

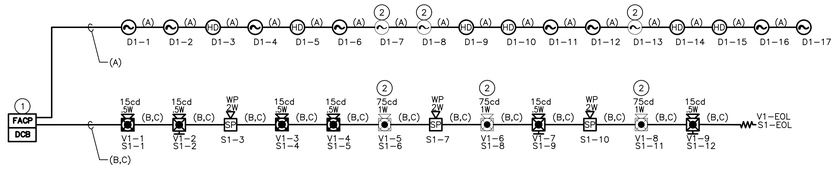
JOB: Honey Run Academy
DATE: 02/02/2026

| QTY | MODEL # | DESCRIPTION | STANDBY UNIT CURRENT (AMPS) | STANDBY TOTAL CURRENT (AMPS) | ALARM UNIT CURRENT (AMPS) | ALARM TOTAL CURRENT (AMPS) |
|---|---|---|---|---|---|---|
| 6 | SPSRL/SPSCRL | 15cd SPEAKER/STROBE | 0.000 | 0.000 | 0.043 | 0.258 |
| 3 | SPSRL/SPSCRL | 75cd SPEAKER/STROBE | 0.000 | 0.000 | 0.107 | 0.321 |
| 3 | SPRKL | SPEAKER | 0.000 | 0.000 | 0.201 | 0.603 |
| 11 | SK-PHOTO-W | SMOKE DETECTORS | 0.0002 | 0.002 | 0.0045 | 0.050 |
| 6 | SK-HEAT-W | ATTIC HEAT DETECTORS | 0.0002 | 0.001 | 0.0045 | 0.027 |
| | | | | 0.003 | | 1.259 |

BATTERY CALCULATIONS
==========
ASSUMPTIONS:

| | | |
|---|---|---|
| A) REQ'D BATTERY BACKUP - STANDBY | 24 HRS | |
| B) REQ'D BATTERY BACKUP - ALARM | 15 MIN | 0.25 HOURS |
| C) ALLOWABLE ERROR | 25% | |
| D) TOTAL STANDBY BACKUP (AMP/HOURS) | 0.08 | |
| E) TOTAL ALARM BACKUP | 0.31 | |
| F) ALLOWABLE ERROR (C X (D+E)) | 0.10 | |
| | ------- | |
| TOTAL AMP/HR REQ'D (D+E+F) | 0.50 AMP/HRS | |

BATTERY AMP HOUR RATING: 7 AMP/HOUR
QUANTITY OF BATTERIES: 2
VOLTAGE: 12 VOLTS
BATTERY CHARGER COMPACITY: 18AH
BATTERY TYPE: SEALED LEAD - ACID
WIRING CONFIGURATION FOR BATTERY: SERIES





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PHONE: (530) 892-1600 www.NorthStarAE.com


ARCHITECT
LICENSED ARCHITECT BRIAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA
DATE SIGNED MM/DD/YYYY

ENGINEER
REGISTERED PROFESSIONAL ENGINEER DARRO A. GIACOMO E18909 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA
DATE SIGNED MM/DD/YYYY

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REVISION HISTORY

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| | | |

DRAWING STATUS

| | DATE |
|---|---|
| DSA PLAN CHECK | 02/18/2026 |
| DSA BACK CHECK | 04/07/2026 |
| BIDDING | |
| CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

FIRE ALARM CALCULATIONS & RISER DIAGRAM

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | FA0.2 |
| Drawn K.W. | Checked E.D. |

PRINT DATE: 2/18/2026 8:43:14 AM
FILE PATH: Autodesk Docs://25044 Paradise USD Honey Run/25044-Paradise USD Honey Run A23.rvt

# GENERAL NOTES

A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ALL OTHER TRADES. IN CASE OF DISCREPANCIES OR ANY POTENTIAL CONFLICTS, INFORM THE ARCHITECT AND ENGINEER IN WRITING PRIOR TO START OF WORK.

B. REMOVE AND PULL WIRING BACK TO THE SOURCE.

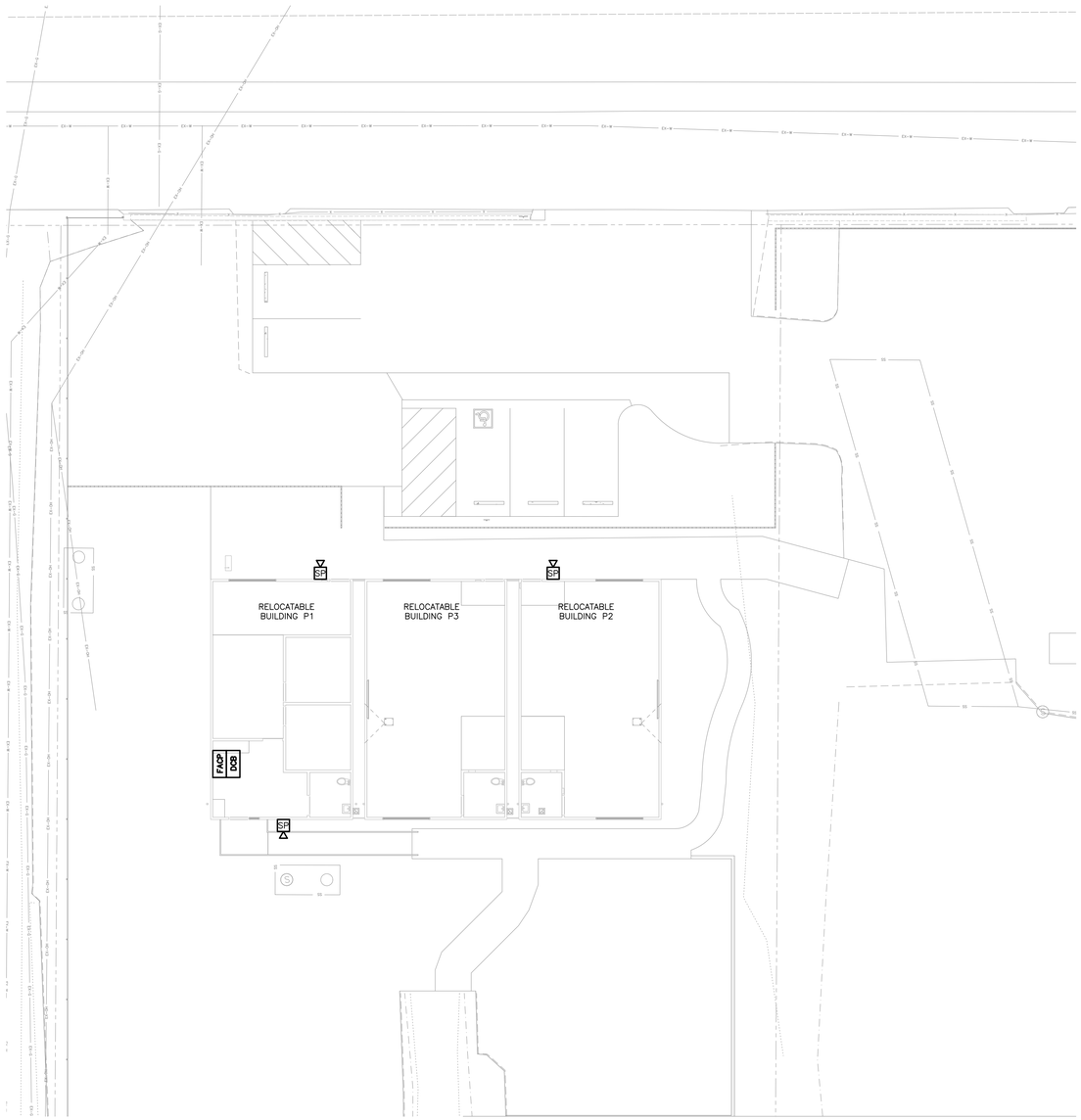
C. ALL EXISTING POWER SUPPLY, CONTROL PANEL AND COPPER TO BE REMOVED AND SALVAGED. COORDINATE WITH DISTRICT.

D. ALL EXISTING UNDERGROUND AND EXPOSED CONDUITS TO BE REUSED. VERIFY EXISTING CONDITION PRIOR TO START OF WORK.

E. CONTRACTOR SHALL PROVIDE BLANK COVERS FOR ALL EXISTING DEVICES REMOVED IF NOT BEING USED FOR NEW DEVICES.

F. CONTRACTOR SHALL PROVIDE ACCESS PANEL FOR ALL DEVICES ABOVE CEILING IN ALL HARDLID CEILINGS.

F. ALL WORK SHALL CONFORM TO 2022 TITLE 24, CALIFORNIA CODE REGULATIONS (CCR).




0' 30" 5' 10' 20'

**FIRE ALARM SITE PLAN** 1" = 10'-0" 1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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRYAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | REGISTERED PROFESSIONAL ENGINEER EDRED A. DIAZ E18909 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA |
| DATE SIGNED MM/DD/YYYY | DATE SIGNED MM/DD/YYYY |

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| ● DSA BACK CHECK | 04/07/2026 |
| ○ BIDDING | |
| ○ CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

FIRE ALARM SITE PLAN

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | FA1.1 |
| Drawn K.W. | Checked E.D. |

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## GENERAL NOTES

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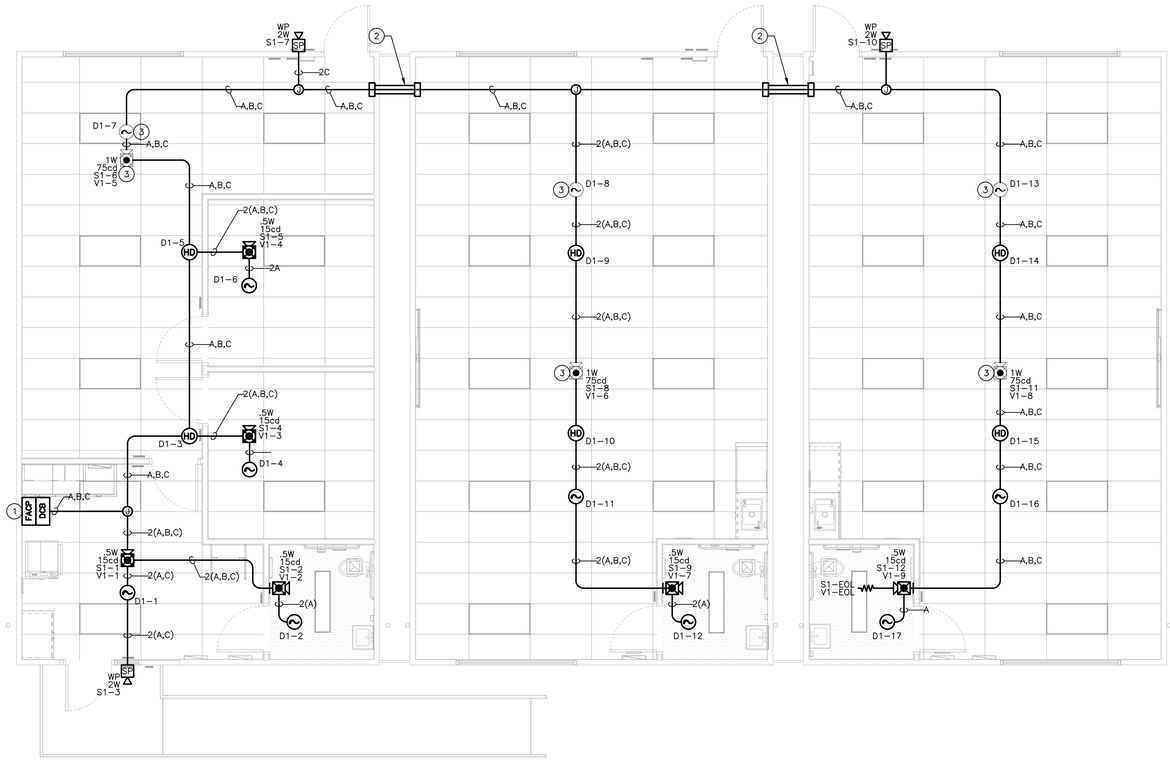
B. CONTRACTOR SHALL PROVIDE ACCESS PANEL FOR ALL DEVICES ABOVE CEILING IN ALL HARDLID CEILINGS.

C. ALL CEILINGS ARE 10'-0" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.

## KEY NOTES

1. FIRE ALARM CONTROL PANEL. PROVIDE DEDICATED CIRCUIT WITH 'RED' HANDLE LOCK-ON CIRCUIT BREAKER. SEE ELECTRICAL PLANS.
2. LIQUID TIGHT FLEXIBLE METALLIC CONDUIT. PROVIDE CONDUIT WITH SEISMIC LATERAL DRIFT SEPARATION BETWEEN BUILDINGS PER ASCE 7-16. SEE DETAIL 7/FA5.1.
3. EXISTING FIRE ALARM DEVICE TO REMAIN. RELOCATE AS INDICATED ON PLAN.




0' 1' 2' 4' 8'

**FIRE ALARM FLOOR PLAN** 1/4" = 1'-0" 1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| ○ CONSTRUCTION | |

KEY PLAN

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6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

FIRE ALARM
FLOOR PLAN

| | |
|---|---|
| Date 04/07/2026 | Project Number 25044 |
| Application Number 02-123854 | Drawing Number FA2.1 |
| Drawn K.W. | Checked E.D. |

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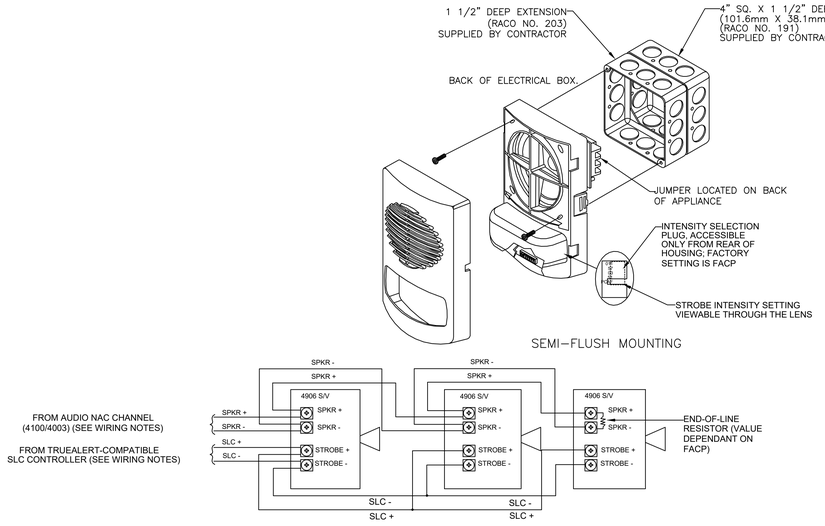
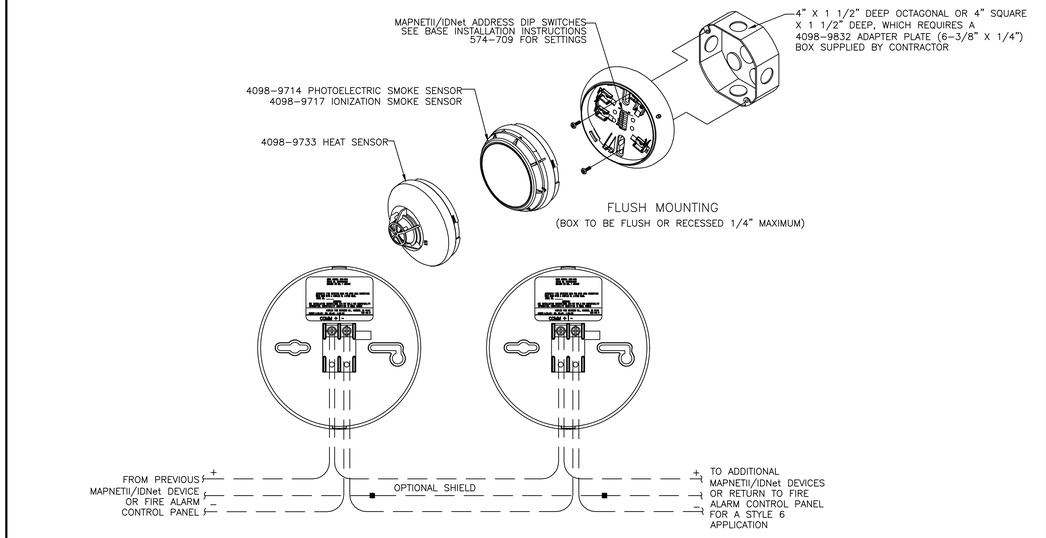


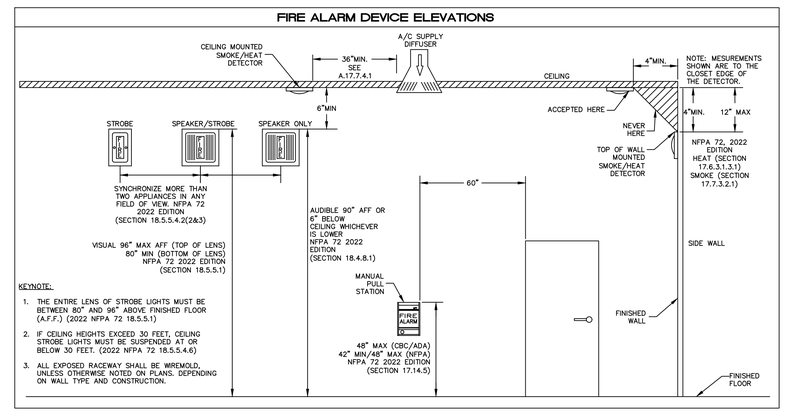

## NOTIFICATION DEVICES

| SCALE | 5 |
|---|---|
| NONE | |



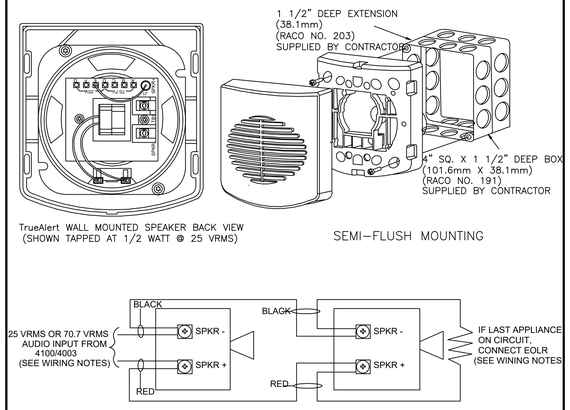

## DETECTOR WITH MOUNTING BASE

| SCALE | 1 |
|---|---|
| NONE | |



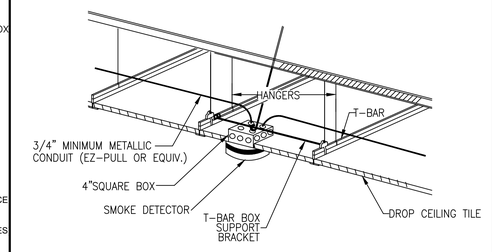

## DEVICE MOUNTING HEIGHT REFERENCE (PER NFPA 72)

| SCALE | 6 |
|---|---|
| NONE | |



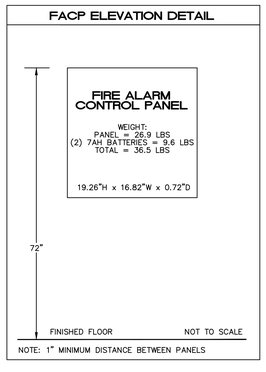

## EXTERIOR WALL SPEAKER

| SCALE | 4 |
|---|---|
| NONE | |



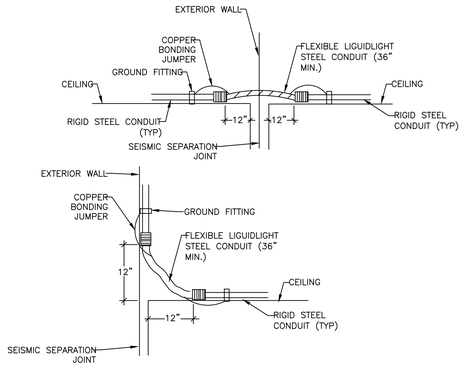

## CEILING MOUNT DETAIL

| SCALE | 2 |
|---|---|
| NONE | |




## CONTROL PANEL CONDUIT LAYOUT DIAGRAM

| SCALE | 8 |
|---|---|
| NONE | |




## CONDUIT SEISMIC SEPARATION JOINT

| SCALE | 7 |
|---|---|
| NONE | |

## NOT USED

| SCALE | 3 |
|---|---|
| NONE | |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| DATE SIGNED: MM/DD/YYYY | DATE SIGNED: MM/DD/YYYY |

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| ● DSA BACK CHECK | 04/07/2026 |
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KEY PLAN

PARADISE UNIFIED SCHOOL
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL V2

HONEY RUN ACADEMY
RELOCATED PORTABLES
622 PEARSON ROAD,
PARADISE, CA, 95969

FIRE ALARM DETAILS

| Date | Project Number |
|---|---|
| 04/07/2026 | 25044 |
| Application Number | Drawing Number |
| 02-123854 | FA5.1 |
| Drawn / Checked | |
| K.W. / E.D. | |

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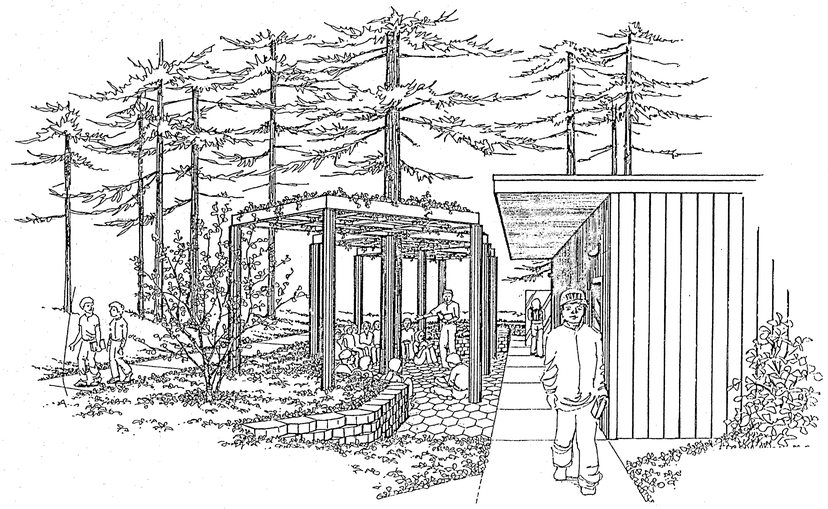

# Phase 1 - Site Work

# STEIFFER ROAD ELEMENTARY SCHOOL

**For The**

# PARADISE UNIFIED SCHOOL DISTRICT

## Paradise - Butte County - California

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123-INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024

STATE OF CALIFORNIA
Department of General Services
JUL 16 1996
Division of the State Architect
Regulation Services Section

## GENERAL NOTES

GENERAL NOTES

I. GENERAL PROJECT DESCRIPTION:

A. THE PROPOSED STEIFFER ROAD ELEMENTARY SCHOOL CAMPUS WILL ULTIMATELY CONTAIN THE FOLLOWING FACILITIES:

A. BUILDINGS:

15,360 SQ. FT. = 16 RELOCATABLE CLASSROOMS (1 THRU 5)
2,460 SQ. FT. = 2 RELOCATABLE KINDERGARTEN CLASSROOMS
2,400 SQ. FT. = 1 RELOCATABLE ADMINISTRATION BUILDING
5,977 SQ. FT. = 1 MULTIPURPOSE BUILDING
3,766 SQ. FT. = 1 MEDIA CENTER

B. EXTERIOR SPACES:

- RELATED EXTERIOR PLAY AREAS
- RELATED PARKING AREAS

B. THIS PROJECT INCLUDES:

THIS INITIAL, FUNDED PROJECT IS BROKEN UP INTO THREE PHASES:

DSA APPLICATION NO. 1
1. INCREMENT I, SITE WORK (SCHOOL DISTRICT'S PHASE I)
2. INCREMENT II, 8 NEW RELOCATABLE CLASSROOMS (SCHOOL DISTRICT'S PHASE I)
3. INCREMENT III, 1 NEW RELOCATABLE TOILET BLDG (SCHOOL DIST. PHASE I)
4. INCREMENT IV, RELOCATABLE KINDERGARTEN & ADMIN (SCHOOL DIST. PHASE II)

DSA APPLICATION NO. 2
1. MULTIPURPOSE BUILDING AND MEDIA CENTER (SCHOOL DISTRICT'S PHASE III)

C. EACH INCREMENT WILL INCLUDE, BUT IS NOT LIMITED TO:

1. INCREMENT I, SITE WORK:

a. ALL ROADS FOR THE ULTIMATE CAMPUS.
b. APPROXIMATELY ¾ OF ALL THE PARKING FOR THE ULTIMATE CAMPUS.
c. ALL OF THE ELEMENTARY OUTSIDE PLAY ACTIVITIES FOR THE ULTIMATE CAMPUS.
d. MOST OF THE EXTERIOR KINDERGARTEN PLAY AREA.
e. ALL SITE UTILITIES FOR THIS ULTIMATE CAMPUS.
f. 2/3 OF ALL ULTIMATE WALKS FOR THE ULTIMATE CAMPUS.
g. CONCRETE FOOTINGS AND FOUNDATION SYSTEMS FOR:
   i) 3,840 SQ. FT. = FOUR RELOCATED RELOCATABLE CLASSROOMS.
   ii) 7,680 SQ. FT. = EIGHT NEW RELOCATABLE CLASSROOMS.
   iii) 1,430 SQ. FT. = ONE RELOCATABLE KINDERGARTEN.
   iv) 2,400 SQ. FT. = ONE RELOCATABLE ADMINISTRATION BUILDING.
h. BUILDING PAD ONLY FOR:
   i) MULTIPURPOSE BUILDING.
   ii) MEDIA CENTER.
i. RELOCATION OF FOUR RELOCATABLE CLASSROOMS (N.I.C.)

2. INCREMENT II, RELOCATABLE CLASSROOMS:

a. FABRICATION AND DROP IN PLACE ATTACHMENT OF:
   i) EIGHT NEW RELOCATABLE CLASSROOMS.

3. INCREMENT III - RELOCATABLE TOILET BUILDING

3. INCREMENT IV, RELOCATABLE KINDERGARTEN & ADMIN BUILDINGS:

a. FABRICATION AND DROP IN PLACE ATTACHMENT OF:
   i) ONE KINDERGARTEN CLASSROOM.
   ii) ADMINISTRATION BUILDING.

(NOTE: ALL UTILITY CONNECTIONS TO THESE RELOCATABLE STRUCTURES WILL BE A PART OF THE INCREMENT I, SITE WORK, INCLUDING THE SPRINKLERING OF 4 OF THE 8 CLASSROOMS.)

4. MULTIPURPOSE BUILDING AND MEDIA CENTER (PHASE III):

a. INSTALL FOUNDATIONS AND TOTAL STRUCTURES FOR THE:
   i) 5,977 SQ. FT. = MULTIPURPOSE BUILDING.
   ii) 3,766 SQ. FT. = MEDIA CENTER.

D. LATER PHASES (ADDITIONAL CLASSROOMS AND KINDERGARTEN) WILL OCCUR AS FUTURE FUNDING IS IDENTIFIED.

E. THE CONTRACTOR SHALL BE AWARE THAT OTHER WORK WILL BE OCCURRING ON THIS SITE DURING THE COURSE OF HIS CONTRACT. THE KNOWN WORK TO BE PERFORMED BY OTHERS CURRENTLY INCLUDES:

1. PLACEMENT OF THE FOUR (4) RELOCATABLE CLASSROOMS ONTO FOUNDATIONS (NOTE THAT THE FOUNDATIONS AND THE UTILITY HOOK-UPS ARE A PART OF THE PHASE I CONTRACT).
2. PLACEMENT OF THE ADMINISTRATION AND KINDERGARTEN RELOCATABLE BUILDINGS ONTO FOUNDATIONS (NOTE THAT THE FOUNDATIONS AND THE UTILITY HOOK-UPS ARE A PART OF THE PHASE I CONTRACT).

F. NOTE THAT "TRAIL'S END ROAD" ON THE EAST PROPERTY LINE IS A PRIVATELY OWNED AND MAINTAINED UN-PAVED ROAD. THE CONTRACTOR SHALL NOT ACCESS THE SITE FROM THIS ROAD FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE LEGAL OWNERS.

G. CONSTRUCTION SHALL COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, INCLUDING THE FOLLOWING:

TITLE 24, CCR PART 1 (ADMINISTRATIVE REGULATIONS).
TITLE 24, CCR PART 2, 1995 CBC (1994 UBC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 3, 1995 CEC (1993 NEC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 4, 1992 CMC (1991 UMC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 5, 1995 CPC (1994 UPC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 9, 1995 CFC (1994 UFC WITH CALIFORNIA AMENDMENTS).

H. AS PROVIDED IN "TITLE 24, PART 1", NO MODIFICATION OR DEVIATION FROM THE APPROVED DOCUMENTS WILL BE PERMITTED, EXCEPT BY CHANGE ORDERS APPROVED BY THE DSA.

I. THE OWNER WILL EMPLOY AN INSPECTOR, APPROVED BY THE DSA AND THE ARCHITECT TO OBSERVE THE PROGRESS OF THE WORK. HIS DUTIES WILL INCLUDE ALL ITEMS OF TITLE 24, PART 1 AND THE FOLLOWING:

1. REJECTION OF ANY MATERIAL NOT CONFORMING TO REQUIREMENTS OF CONTRACT DOCUMENTS AND TITLE 24.
2. PREPARATION OF COMPLETE AND DETAILS PUNCH LIST PRIOR TO ARCHITECT'S FINAL OBSERVATION.
3. COMPILATION AND MAINTENANCE OF "AS-BUILT" DRAWINGS OF FINAL LOCATIONS OF CONCEALED AND BELOW GRADE MECHANICAL AND ELECTRICAL LINES.

J. DEFERRED APPROVAL ITEMS: **NONE; COMPLETE** FIRE ALARM AND FIRE SPRINKLER SYSTEM SUBMITTAL.

## CODE ANALYSIS

A. CODES USED: THE FIRST THREE PHASES UNDER THIS PROJECT WILL BE DESIGNED USING THE FOLLOWING CODES AS MINIMUM STANDARDS:

TITLE 24, CCR PART 1 (ADMINISTRATIVE REGULATIONS).
TITLE 24, CCR PART 2, 1995 CBC (1994 UBC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 3, 1995 CEC (1993 NEC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 4, 1992 CMC (1991 UMC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 5, 1995 CPC (1994 UPC WITH CALIFORNIA AMENDMENTS).
TITLE 24, CCR PART 9, 1995 CFC (1994 UFC WITH CALIFORNIA AMENDMENTS).

B. OCCUPANCY GROUPS AND CONSTRUCTION TYPES:

1. ELEMENTARY CLASSROOMS: E+1; V-N
2. KINDERGARTEN CLASSROOMS: E+1; V-N
3. ADMINISTRATION (SEE 503.3, EXCEPTION 2): E+1; V-N
4. MULTIPURPOSE BUILDING: A-2+1; V-1 HR.
5. MEDIA CENTER: E+1; V-N

C. ALLOWABLE AREAS:

| OCCUPANCY GROUP (TABLE 5A) | BASIC AREA ALLOWED (TABLE 5B) | INCREASE FOR SIDE YARDS (SECTION 505.1-3) | INCREASE FOR SPRINKLERS (SECTION 505.3) | INCREASE FOR TRAVEL DIST. (SECTION 505.2.1) | TOTAL ALLOWABLE AREA | TOTAL ACTUAL AREA |
|---|---|---|---|---|---|---|
| E-1;V-N | 9,100 SQ. FT. EA. BUILDING | 0 (NOT USED) | 0* | 4,550 SQ. FT. EA. BUILDING | 13,560 SQ. FT. EA. BUILDING | 3,766 SQ. FT. ‡ EA. BUILDING |
| A-2.1;V-1 HR. | 10,500 SQ. FT. | 0 (NOT USED) | 0 | NA | 10,500 SQ. FT. | 5,977 SQ. FT. |

* WHILE SOME OF THE CLASSROOMS HAVE A SPRINKLER SYSTEM AS REQUIRED BY THE LOCAL FIRE MARSHAL, THIS SYSTEM IS NOT USED TO INCREASE THE ALLOWABLE SIZE OF THE BUILDINGS.

‡ 3,766 SQUARE FEET REPRESENTS THE ACTUAL SIZE OF THE LARGEST, SEPARATE BUILDING ON THIS SITE CLASSIFIED AS E+1 (MEDIA CENTER BUILDING). NOTE THAT ALL BUILDINGS ARE SEPARATED FAR ENOUGH AWAY FROM EACH OTHER TO BE DEEMED AN INDIVIDUAL E+1 STRUCTURE (SEE SHEET A1.1 FOR SITE PLAN PROPERTY LINE SEPARATIONS).

## SHEET INDEX


SHEET INDEX

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CIVIL SHEETS

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C-2 GRADING PLAN
C-3 STORM DRAINAGE PLAN
C-4 WATER SUPPLY
C-5 SANITARY SEWER
C-6 STRIPING AND SIGNAGE
C-7 DIMENSIONS AND CONTROL
C-8 DETAILS, WATER SUPPLY
C-9 DETAILS, SANITARY SEWER
C-10 DETAILS, SITE
C-11 DETAILS, SITE
C-12 SITE SECTIONS

ARCHITECTURAL SHEETS

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A1.2 PARTIAL SITE PLAN AND GAZEBO DETAILS
A1.3 COMMON AREA PLANS AND DETAILS
A1.4 KINDERGARTEN PLAY AREA, ELEMENTARY PLAY & APPARATUS AREAS
A2.0 TYPICAL STRUCTURAL DETAILS AND GENERAL NOTES
A2.1 FOUNDATION PLANS AND DETAILS
A2.2 EXTERIOR ELEVATIONS (E) RELOCATABLES AND DETAILS

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P1-1 LPG GAS SITE PLAN
P2-1 FIRE SPRINKLER PLANS

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C - COVER SHEET
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MA3 - SPECIFICATION
ME1 - ELECTRICAL & REFLECTED CEILING PLANS
SW1 - STRUCT. FR. ELEV. & NOTES
SW2 - FLOOR FRAMING PLAN & DETAILS
SW3 - WALL FRAMING & DETAILS
SW4 - ROOF FRAMING PLAN & DETAILS
SP - WOOD PRESERVATION PLAN & DETAILS
12 RAMP DETAILS

ELECTRICAL SHEETS

E0.1 STANDARD ELECTRICAL SYMBOLS, NOTES AND DETAILS
E1.1 SITE PLAN - LIGHTING
E1.2 SITE PLAN - POWER & UTILITIES
E1.3 SITE PLAN - FIRE ALARM AND SIGNAL
E1.4 SITE PLAN - DATA
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E3.0 SIGNAL WIRING DIAGRAM
E4.0 FIRE ALARM RISER DIAGRAM
E5.0 ENLARGED RELOCATABLE CLASSROOM DRAWINGS
E6.0 DETAILS

MANUFACTURERS' DRAWINGS

BUILDINGS 1-4 (AMERICAN MODULAR) RELOCATIONS

1 FLOOR PLAN AND NOTES
3 CEILING GRID, DETAILS AND NOTES
S1 NOTES
S2 FLOOR FRAMING PLAN AND BUILDING SECTIONS
S3 ROOF FRAMING PLAN AND DETAILS

LANDSCAPING SHEETS

L-1 SPRINKLER & CONTROL WIRE STRIPING PLAN LEGEND
L-2 SPRINKLER DETAILS
L-3 SOIL PREP. MULCH & PLANTING NOTES & DETAILS

INCREMENT No. 2 - MULTIPURPOSE BLDG. & MEDIA CENTER

C - COVER SHEET
1 - FLOOR PLAN & ELEVATIONS
1A - ALTERNATE FLOOR PLAN
2 - BUILDING SECTIONS & DETAILS
4 - END WALL FRAMING & DETAILS
5 - ROOF FRAMING PLAN & DETAILS
6 - TRUSS ELEV. & DETAILS
7 - FLOOR FRAMING PLAN, STAIR & RAMP FRAMING & DETAILS
8 - WALL FRAMING & DETAILS
9 - MISCELLANEOUS FRAMING DETAILS
11 - SPECIFICATIONS
12 - FOUNDATION & FLOOR FRAMING PLAN


## ABBREVIATIONS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| & | AND | ANGLE | E F S | EXTERIOR FINISH SYSTEM | KIT | KITCHEN | S.C.D. | SEAT COVER DISPENSER |
| @ | AT | DIAMETER OR ROUND | E I F S | EXTERIOR INSULATION FINISH SYSTEM | KS | KNEE SPACE | S.D. | STORM DRAIN/ SOAP DISPENSER |
| ∠ | ANGLE | PERPENDICULAR | E J | EXPANSION JOINT | L.F. | LINEAR FEET | S.H. | SHEET METAL |
| # | NUMBER OR POUND | | E P | ELECTRICAL PANEL | LAB. | LABORATORY | S.M.S. | SHEET METAL SCREW |
| a.b. | ANCHOR BOLT | | E.W.C. | ELECTRIC WATER COOLER | LAM. | LAMINATE | S.N.D. | SANITARY NAPKIN DISPENSER |
| @ | PROPERTY LINE or PLATE | | E.W. | EACH WAY | LAV. | LAVATORY | S.N. DISP. | SANITARY NAPKIN DISPENSER |
| ℄ | CENTERLINE | | E.C. | EDGE OF CONCRETE | LKR. | LOCKER | S.O.V. | SHUT-OFF VALVE |
| | | | ELEC. | ELECTRICAL | LT. | LIGHT | S.P. | SOLAR PANEL |
| | | | ELEV. | ELEVATION | M.B. | MACHINE BOLT | S.S. | STAINLESS STEEL |
| | | | EMER. | EMERGENCY | M.D. | MEDIUM DENSITY OVERLAY | S.T.C. | SIGNAL TRANSMITTING CABINET |
| | | | ENCL. | ENCLOSURE | M.S. | MACHINE SCREW | S.T.S. | SELF-TAPPING SCREW |
| A.B. | ANCHOR BOLT | | EQ. | EQUAL | MAT. | MATERIAL | SAN. | SANITARY |
| A.C. | ASPHALT CONCRETE | | EQUIP. | EQUIPMENT | MAINT. | MAINTENANCE | SCHED. | SCHEDULE |
| | | | EXIST. (E) | EXISTING | MAX. | MAXIMUM | SECT. | SECTION |
| A.D. | AREA DRAIN | | EXP. | EXPANSION | MECH. | MECHANICAL | SHTHG. | SHEATHING |
| A.F.F. | ABOVE FINISH FLOOR | | EXPO. | EXPOSED | MEMB. | MEMBRANE | SHWR. | SHOWER |
| | | | EXT. | EXTERIOR | MFR. | MANUFACTURER | SIM. | SIMILAR |
| A/C | AIR CONDITIONING | | F.A. | FIRE ALARM | MET. | METAL | SPEC. | SPECIFICATION |
| ACCES. | ACCESSORIES | | F.A.C.P. | FIRE ALARM CONTROL PANEL | MFR. | MANUFACTURER | SPKR. | SPEAKER |
| ACOUS. | ACOUSTICAL | | F.B. | FLAT BAR | MH. | MANHOLE | SQ. | SQUARE |
| ADJ. | ADJACENT | | F.C.P. | FRAMING CLIP | MIN. | MINIMUM | SPEC. | SPECIFICATION |
| ADJUST. | ADJUSTABLE | | F.D. | FLOOR DRAIN | MISC. | MISCELLANEOUS | SPKLR. | SPRINKLER |
| AGGR. | AGGREGATE | | F.E. | FIRE EXTINGUISHER | MOD. | MODIFICATION, MODULE | SQ. | SQUARE |
| ALT. | ALTERNATE | | F.E.C. | FIRE EXTINGUISHER CABINET | | | S.S.D. | SEE STRUCTURAL DRAWINGS |
| ALUM. | ALUMINUM | | | | MTD. | MOUNTED | | |
| ANOD. | ANODIZED | | | | MTL. | MATERIAL | | |
| APPL. | APPLICATION | | | | MUL. | MULLION | STA. | STATION |
| APPROX. | APPROXIMATE | | F.F. | FINISH FLOOR | | | STAG. | STAGGERED |
| ARCH. | ARCHITECTURAL | | F.H. | FLAT HEAD | | | STD. | STANDARD |
| ASPH. | ASPHALT | | F.H.C. | FIRE HOSE CABINET | NOM. | NORTH | STL. | STEEL |
| | | | | | N.I.C. | NOT IN CONTRACT | STOR. | STORAGE |
| B.B. | BULLETIN BOARD | | F.L. | FLOW LINE | N.S. | NOT TO SCALE | STRL. | STRUCTURAL |
| B.M. | BENCH MARK | | F.O.B. | FACE OF BLOCK | NECES. | NECESSARY | SUSP. | SUSPENDED |
| BF. | BY OWNER | | F.O.C. | FACE OF CONCRETE | NO. OR # | NUMBER | SYM. | SYMBOL OR SYMMETRICAL |
| B.O.W. | BACK OF WALL | | | | NOM. | NOMINAL | | |
| B/U | BOARD | | F.O.F. | FACE OF FINISH | | | T&B | TOP AND BOTTOM |
| BD. | BOARD | | F.O.S. | FACE OF STUDS | O.C. | ON CENTER | T&G | TONGUE AND GROOVE |
| BET. | BETWEEN | | F.P. | FIRE PROOF | O.D. | OUTSIDE DIAMETER (DIM.) | GRVG. | GROOVE |
| BITUM. | BITUMINOUS | | F.R.P. | FIBERGLASS REINFORCED | O.F. | OVER FLOW | T.B. | TOWEL BAR |
| BLDG. | BUILDING | | | | OFF. | OFFICE | T.C. | TOP OF CURB |
| BLK. | BLOCK | | F.S. | FULL SIZE | OPG. | OPENING | T.C.C. | TOP OF CONCRETE |
| BLKG. | BLOCKING | | F.V. | FIELD VERIFY | OPP. | OPPOSITE | | |
| BM. | BEAM | | FAB. | FABRICATION | | | T.O.C. | TOP OF CONCRETE OR GRADE |
| BOT. | BOTTOM | | FDN. | FOUNDATION | OPNG. | OPENING | T.O.P. | TOP OF PARAPET |
| BRGS. | BEARING | | FIN. | FINISH | OPP. | OPPOSITE | | PAVEMENT |
| | | | FLR. | FLOOR | | | T.O.S. | TOP OF STEEL |
| C | CHANNEL | | FLUOR. | FLUORESCENT | P.B.F. | PONDER DRIVEN FASTENER | | SIDEWALK |
| C.B. | CATCH BASIN | | FLASH. | FLASHING | P.E. | PANIC EXPANSION | T.O.W. | TOP OF WALL |
| C.I.P. | CAST IN PLACE | | FLUOR. | FLUORESCENT | | | T.P.D. | TOILET PAPER DISPENSER |
| C.E.S. | CAST EDGE SEAM | | FOUND. | FOUNDATION | P.F.P. | PLASTIC FINISH | T.S. | TUBE STEEL |
| | | | FRMG. | FRAMING | | | TEL. | TELEPHONE |
| C.I. | CAST IRON | | FT. | FOOT OR FEET | PLAM. | PLASTIC LAMINATE | TEL. | TELEVISION |
| C.J. | CONSTRUCTION JOINT | | FU. | FURRING | | | TEMP. | TEMPERED |
| | | | FUR. | FURRING | PNL. | PANEL | TER. | TERRAZZO |
| C.O. | CLEAN OUT | | FUT. | FUTURE | PR.M. | PRESSED METAL | TER. | TERRAZZO |
| C.M.U. | CONCRETE MASONRY UNIT | | FZR. | FREEZER | P.O.C. | POINT OF CONNECTION | TRANS. | TRANSFORMER |
| C.O. | CLEAN OUT | | G.B. | GRAB BAR | P.S.I. | POUNDS PER SQUARE INCH | TRD. | TREAD |
| C.W. | COLD WATER | | GI. | GALVANIZED IRON | P.T.D. | PAPER TOWEL DISPENSER | TV. | TELEVISION |
| CAB. | CABINET | | | | P.T.D.F. | PRESSURE TREATED DOUGLAS FIR | TYP. | TYPICAL |
| CAD. | CADMIUM | | GA. | GAUGE | | | | |
| CPT. | CARPET | | GALV. | GALVANIZED | | | U.O.N. | UNLESS OTHERWISE NOTED |
| CEM. | CEMENT | | GL. | GLASS | PERP. | PERPENDICULAR | U.V. | ULTRAVIOLET |
| CER. | CERAMIC | | GLB. | GLUE LAM BEAM | PLAS. | PLASTER | ULAM. | UNDERLAYMENT |
| CIR. | CIRCLE | | GND. | GROUND | PNL. | PANEL | UR. | URINAL |
| CLG. | CEILING | | GR. | GRADE | PR. | PAIR | | |
| CLKG. | CAULKING | | GSM. | GALVANIZED SHEET METAL | PREFAB. | PREFABRICATE | V.A.T. | VINYL ASBESTOS TILE |
| CLR. | CLEAR | | GYP. | GYPSUM | PROJ. | PROJECT | VERT. | VERTICAL |
| COL. | COLUMN | | | | PKG. | PARKING | | |
| COMP. | COMPOSITION | | H.B. | HOSE BIBB | PROJ. BOX | PROJECTION BOX | V.C.T. | VINYL COMP. TILE |
| CONC. | CONCRETE | | H.C. | HOLLOW CORE | | | V.C.TB. | VINYL COVERED TACKBOARD |
| CONN. | CONNECTION | | H.D. | HOT DIPPED | | | | |
| CONSTR. | CONSTRUCTION | | H.M. | HOLLOW METAL | PT. | POINT | VERT. | VERTICAL |
| CONT. | CONTINUOUS | | H.P. | HIGH POINT | PTN. | PARTITION | VEST. | VESTIBULE |
| CONTR. | CONTRACTOR | | HDCP. | HANDICAP | PVMT. | PAVEMENT | | |
| CORR. | CORRUGATED | | HDW. | HEADER | | | W.C. | WATER CLOSET |
| CPT. | CARPET | | HDWD. | HARDWOOD | QTY. | QUANTITY | W.H. | WATER HEATER |
| CTR. | CENTER | | HDWE. | HARDWARE | | | W.O. | WHERE OCCURS |
| CSMT. | CASEMENT | | HGT. | HEIGHT | R. | RISER | W.R. | WATER RESISTANT |
| CT. | COUNTERTOP | | HORIZ. | HORIZONTAL | R.C.P. | REINF. CONC. PIPE | W.S. | WOOD SCREW |
| CTR. | CENTER | | HR. | HOUR | | | W.W.F. | WELDED WIRE FABRIC |
| CTSK. | COUNTERSINK | | HTR. | HEATER | R.D. | FLOW DRAIN | | |
| | | | HVAC | HEATING VENTILATING AIR CONDITIONING | R.D. | ROUND HEAD | W. | WITH |
| D.F. | DRINKING FOUNTAIN | | | | R.W.L. | RAIN WATER LEADER | WO | WITHOUT |
| D.H. | DOUBLE HUNG | | | | | | WD. | WOOD |
| D.S. | DOWN SPOUT | | | | RAD. | RADIUS | WDW. | WINDOW |
| D.SP. | DRY SPOT | | I.C.B. | INSULATED CONCRETE BLOCK | REINF. | REINFORCED | WH.BD. | WHITE BOARD |
| D.W. | DISHWASHER | | | | REF. | REFERENCE | WD. | WAT.-DRPOF |
| DBL. | DOUBLE | | | | REFR. | REFRIGERATOR | WSCT. | WAINSCOT |
| DEMO. | DEMOLISH | | I.D. | INSIDE DIAMETER (DIM.) | RETR. | RETAINING | WSE. | WEATHER-STRIPPING |
| DEMO. | DEMOLITION | | I.E. | INVERT ELEVATION | REINF. | REINFORCED | | |
| DET. | DETAIL | | | | REQ'D. | REQUIRED | WT. | WEIGHT |
| DIA. | DIAMETER | | INSTL. | INSTALLATION | RES. | RESILIENT | WTR. | WATER |
| DIM. | DIMENSION | | | | RESIL. | RESILIENT | | |
| DISP. | DISPENSER | | INSUL. | INSULATED | RM. | ROOM | YD. | YARD |
| DR. | DOOR | | INT. | INTERIOR | RUB. | RUBBER | | |
| DRWR. | DRAWER | | INV. | INVERT | RWD. | REDWOOD | | |

## SYMBOLS

Paint Symbol: See Specifications

Door Symbol: Top = Door No., Bottom = Hardware Group

Window Symbol: See Schedule

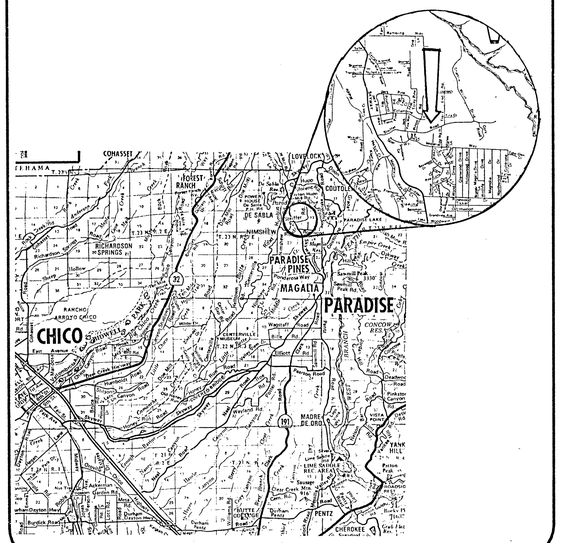
Glazing Symbol: See Schedule

Metal Frame Symbol: See Schedule

Datum Point, Work Point, Control Point, Benchmark or Point of Connection

Wall Type: See Schedule

## VICINITY MAP

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DSA File # 22/61531-00-07

PHASE 1 - SITE WORK
STEIFFER ROAD ELEMENTARY SCHOOL
FOR THE
PARADISE UNIFIED SCHOOL DISTRICT
PARADISE - BUTTE COUNTY - CALIFORNIA

THOMSON & HENDRICKS INC.
ARCHITECTS AND PLANNERS
Paul Hendricks, A.I.A.
Chico, California 95926 • (916) 342-5669

DRAWN BY: PL | CHECKED BY: NA,PH
DATE: 3-21-24
DRAWING NO. T-1 OF
JOB NO. 9542.3

/architects/Sheets/9542 Plotted: 09-E-95

DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICES ARE THE PROPERTY OF THE ARCHITECT. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AT THE JOB AND SHALL BE RESPONSIBLE FOR ALL DISCREPANCIES BETWEEN DIMENSIONS OF THE ACTUAL WORK AND THOSE SHOWN IN THE DOCUMENTS OR ARCHITECT'S APPROVED SHOP DRAWINGS. THE CONTRACTOR SHALL ALSO BE SOLELY RESPONSIBLE FOR ALL QUANTITIES OF MATERIAL OR EQUIPMENT FURNISHED FOR PROPER, AND COMPLETE WORK.

# 24x40
# RELOCATABLE
# CLASSROOM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024


des[illegible]
systems inc., inc.
P.O. Box 367
Patterson, California
95363
(209) 892-6293


Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER
EDWARD LINDSEY
No. 17[illegible]
AUG 31
STATE OF CALIFORNIA

LICENSE EXPIRES 12-31-97

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1 1990
Structural Safety Section
Plot # PC147
Checked By [illegible]

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO SUCH CORRECTIONS AS MAY BE FOUND NECESSARY WHEN THE PROJECT SITE IS VISITED.
PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT ALL TIME
REVIEWED BY [illegible]

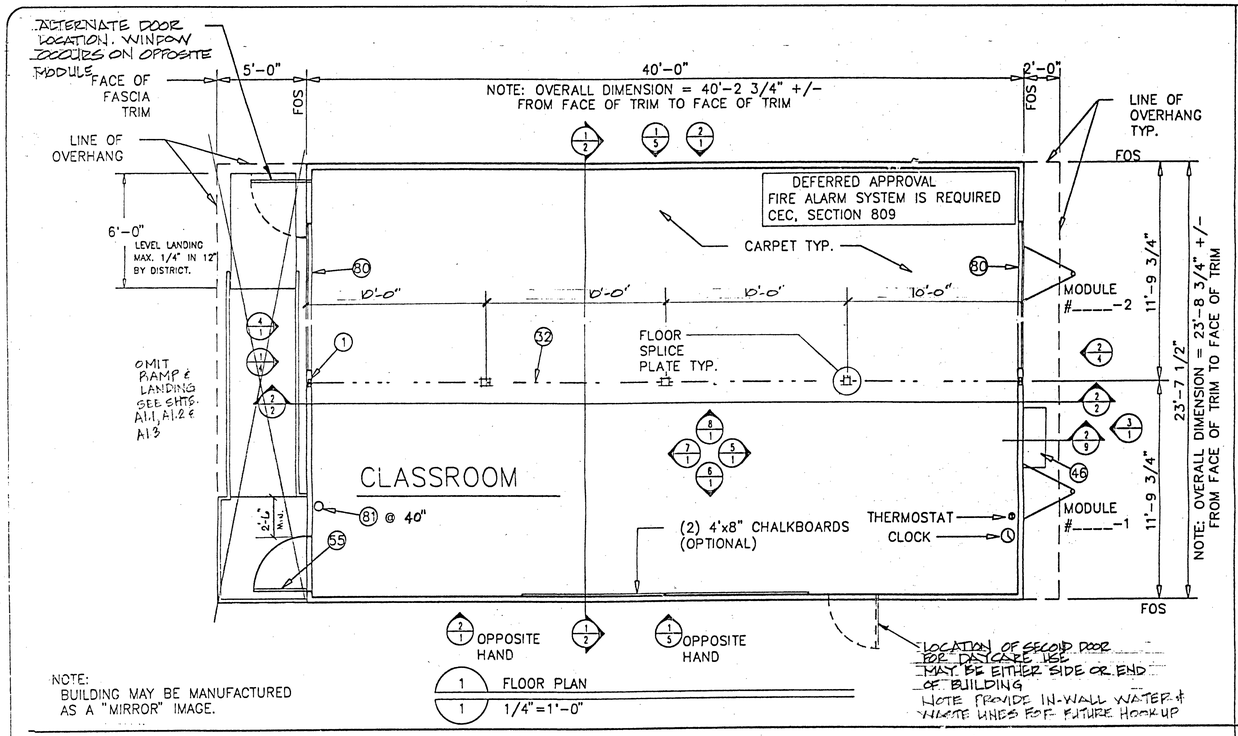
Approval: [illegible]

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE
PC147 OCT 17 '90
APPLICATION FOR [illegible]
NO.

STATE OF CALIFORNIA
Department of General Services
MAY 17 1996
Division of the State Architect
Regulation Services-Sacto

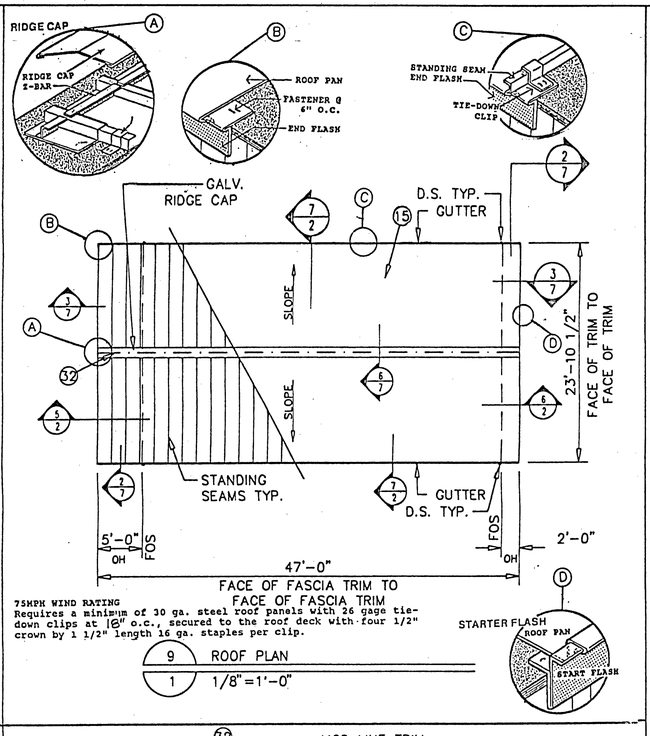
[illegible]
[illegible]
[illegible]

ALTERNATE DOOR LOCATION. WINDOW OCCURS ON OPPOSITE MODULE



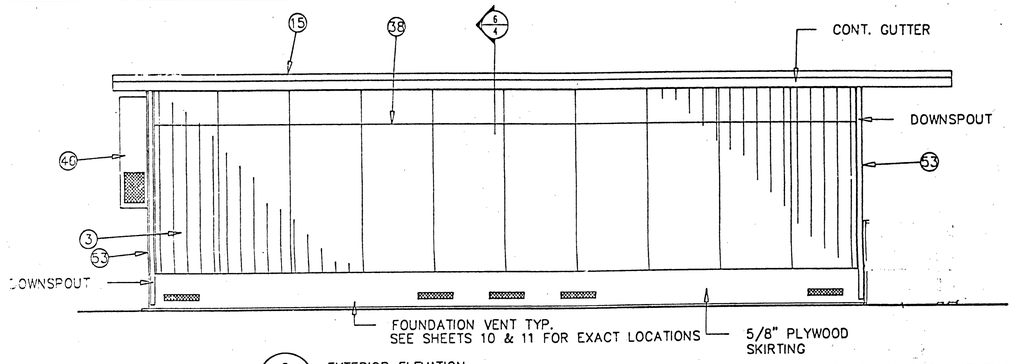

NOTE:
BUILDING MAY BE MANUFACTURED AS A "MIRROR" IMAGE.

1 / 1 FLOOR PLAN
1/4"=1'-0"

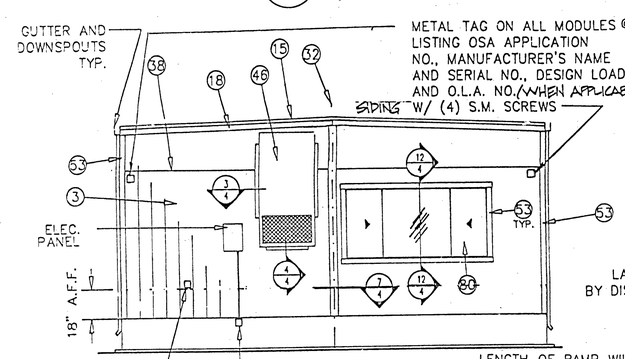



75MPH WIND RATING
Requires a minimum of 30 ga. steel roof panels with 26 gage tie-down clips at 16" o.c., secured to the roof deck with four 1/2" crown by 1 1/2" length 16 ga. staples per clip.

9 / 1 ROOF PLAN
1/8"=1'-0"



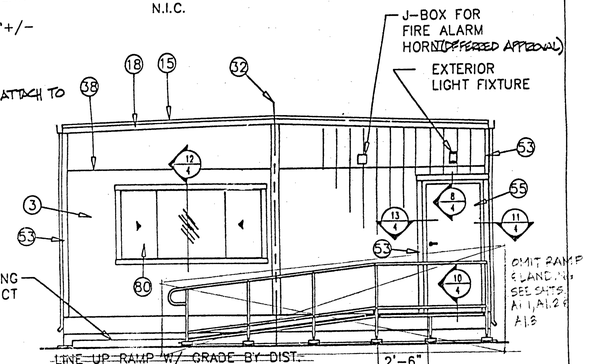

2 / 1 EXTERIOR ELEVATION
1/4"=1'-0" OPPOSITE HAND SIMILAR




3 / 1 EXTERIOR ELEVATION
1/4"=1'-0"

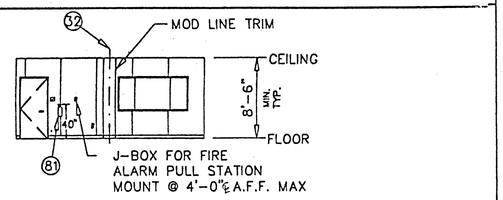
LENGTH OF RAMP WILL VARY W/ SITE CONDITIONS RAMP BEYOND THAT SPECIFIED ON SHT 12 BY DISTRICT(NIC)

SPLASH BLOCK RECOMMENDED @ EA. DOWNSPOUT LOCATION N.I.C.

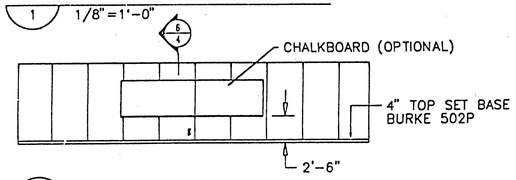



4 / 1 EXTERIOR ELEVATION
1/4"=1'-0"

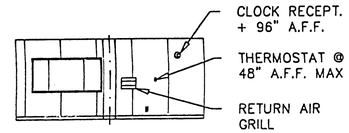
NOTE: MIN. 2'--0" SEPARATION BETWEEN BUILDINGS



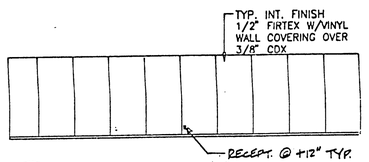

7 / 1 INTERIOR ELEVATION
1/8"=1'-0"




6 / 1 INTERIOR ELEVATION
1/8"=1'-0"




5 / 1 INTERIOR ELEVATION
1/8"=1'-0"




8 / 1 INTERIOR ELEVATION
1/8"=1'-0"

## NOTES *

1. COLUMN: 3"x3"x3/16" SQ. TUBE
2. STUD: 2x4 16" O.C. @ SIDEWALLS; 12" O.C. @ ENDWALLS
3. 5/8" EXT. PLYWOOD SIDING, SEE SPECS. SHEET 8
4. PNEUTEK PINS @ 6"o.c. AT EDGES 6" O.C. IN FIELD @ 4' JOIST 10" o.c. IN FIELD 32" o.c. JOINT
5. BOUNDARY NAILING: SEE NAILING SCHEDULE SHEET 2
6. FLOOR PERIMETER FRAME: M 12" X 11.8# I BEAM ALTERNATE: FLOOR FRAME PLAN ON CONCRETE SEE SHEET 13;14,15
7. PNEUTEK 34325L @ 12" o.c. @ SIDEWALLS & 8" O.C. @ ENDWALLS & 6" MAX. FROM END OF ANY PIECE TYP. @ ALL SILL PLATE CONNECTIONS U.N.O. SEE NOTE #5
8. PNEUTEK 34250L @ 12" o.c.
9. PREFORMED METAL ROOF EDGE
10. 8d BOX @ 12" O.C. (GALV. WHERE EXPOSED TO WEATHER)
11. TRIM: 1X2
12. NAILS: 8D @ 6" o.c.
13. RAFTER 2x10 @ 24" O.C.
14. PLYWOOD ROOF SHEATHING
15. ROOFING: 30 Ga. GALV. STANDING RIB MIN.
16. NAILS: 2-16D PER RAFTER
17. (1) 2x4 & (1) 2x6 DF TOP PLATES - NO SPLICE @ END WALLS.
18. TRIM: 2X10
19. NAILS: 16D @ 12" o.c.
20. NAIL:16D @ 8" O.C
21. HEADER: 4X12 D.F.#2
22. 3/8 CD PLYWOOD
23. SUSPENDED CEILING
24. 
25. PLYWOOD FILLER
26. RIM RAFTER: 2x10
27. 
28. 2X4 NAILER
29. BOLTS: 5/8" DIA. M.B. SEE ROOF FRAMING PLAN FOR LOCATION
30. TRUSS @ RIDGE SEE SHEET 6
31. HANGER: SIMPSON LB210
32. MODULE LINE
33. DOUBLE 2x10 RAFTER
34. MOD TIE STRAP- 2 1/2"x 1/8" STRAP W/(12) 16d BOX
35. 
36. PLYWOOD FLOOR SHEATHING: 1 1/8" T&G STURDIFLOOR APA PS1-83 EXP. 1 ALL PLIES TO BE WOOD
37. SILL PLATE: 2X4 CONT.
38. Z-METAL STRIP:3/4 x 26 Ga. X 5/8 X 3/4 x 26 Ga.
39. C 6"x3"x12ga
40. SIMPSON U210 JOIST HANGER
41. NAIL: 8D @ 12" o.c.
42. 2x10 BLOCKING
43. STEEL STRAP:2 1/2" X 1/8" W/(2) 5/8" BOLTS
44. BOUNDARY NAILING
45. STUDS: (3) 2x4 DF MIN.
46. H.V.A.C. UNIT: WEIGHT 475# TYP.
47. DOUBLE 2X4 W/16D BOX NAILS 8' O.C.
48. HOLD-DOWN W/ (2) 5/8" BOLTS
49. L 1 1/2 X 1 1/2 X 1/8" X 18" LONG ATTACH TO A.C. W/4-#10 SELF-TAPPING GALV. S.M.S. & TO 2X4 FLAT W/(4) 5/16" X 2 1/2" LAG SCREWS.
50. STEEL PLATE: 2"x2"x1/4" WELD @ TOP FLANGES OF M8x6.5 BEAM
51. 
52. HEADER: 4x8 DF #2
53. TRIM: 1X4
54. HOLLOW METAL FRAME: 16ga W/LOCK-IN ANCHORS, 8d BOX TO STUDS
55. DOOR.
56. KING STUDS: 2-2x4 FULL HEIGHT
    (4) @ WINDOWS;(3) @ MOD LINE;(2) @ DOORS
57. TRIMMER: 1- 2X4
58. DOOR BOTTOM.
59. ALUMINUM THRESHOLD W/(3)3/16"x1 3/8" F.H.M.S.
60. ~~RAMP; SEE SHEET 12~~
61. G.I. FLASHING.
62. LAG SCREWS;(6) 3/8" X 2"
63. 2X6 BLOCK
64. STEEL SUPPORT BRACKET SUPPLIED BY H.V.A.C. UNIT MANUFACTURER (11ga x 24")
65. PREFINISHED WOOD TRIM
66. DOUBLE 2X4 SILL
67. INSULATION: R-11 KRAFT FACED OVER NYLON MESH
68. 
69. 
70. TOENAIL: 16d @ 12" O.C.
71. SOFFIT: 3/8" PLYWOOD SIDING NO GROOVES
72. PRE-FINISHED PANELING
73. R-11 KRAFT FACED INSULATION
74. 4" ROUND VENT
75. SEALANT
76. 3"x3"x1/4" ANGLE
77. C 6"x2 1/2"x14ga
78. 2"x2"x3/16" ANGLE BRACE FROM SIDE BEAM TO END BEAM @ HOLD DOWN LOCATIONS
79. 2x6 DF NAILER CONT. @ PERIMETER
80. WINDOW: 8'-0"x4'-0" XOX SEE SPECS, SHEET 8
81. FIRE EXTINGUISHER-MOUNT ON WALL BRACKET @ 45" A.F.F. MAX
82. NOT USED
83. 20 Ga.x3/4"x16" LONG STRAP w/ (4) 10d BOX Ea. END (2x10 BLOCK TO 2x4 STUD)
84. 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Ea. END (4x HEADER TO 2x4 STUD)
85. SILL CONNECTION @ END WALL SHEAR PANELS ONLY: PNEUTEK 34325L @ 6" O.C. & 6" MAX. FROM END OF ANY PIECE.
86. 
87. 2" ROUND VENT
88. (2) 2x4 TRIMMER @ 8' OPENING
89. M8x6.5
90. (2) 2x4 D.F. NAILER CONT. @ PERIMETER.

* SOME ITEMS SHOWN ABOVE MAY NOT BE SHOWN ON THIS SHEET


designed systems ind., inc.
P.O. Box 367
Patterson, California 95363
(209) 892-6298


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024

Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER EDWARD LINDSEY No. 76 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1 7 1990
Structural Safety Section
Appl. # 02-122123
Backchecked By

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. APPROVAL IS SUBJECT TO FIELD INSPECTION, ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME OF INSPECTION.
REVIEWED BY: 2 Sq to 12-7

Approval: Access Compliance

OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE SECTION
R2147 OCT 17 '90
APPLICATION PER R. Jud Reiss
BY:

75 MPH EXP. 'C'
24 x 40 CLASSROOM
60 PSF SNOW LOAD

FLOOR PLAN & ELEVATIONS

Architect:

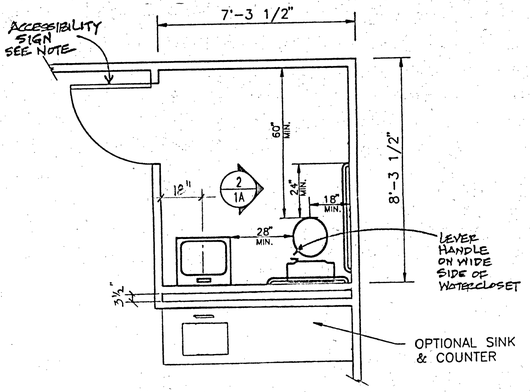
Paradise USD | DATE: 3/21/96 | JOB: 3594

Drawn: BP
Scale: NOTED
Date: 6-28-90
Job: 60SL
Sheet: 1 Of Sheets

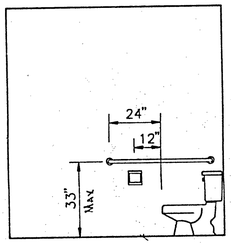
T&H #36424
INCREMENT No. 2

STATE OF CALIFORNIA Department of General Services
MAY 17 1996
Division of the State Architect Regulation Services-Sacto

FILE NAME: 60SL1

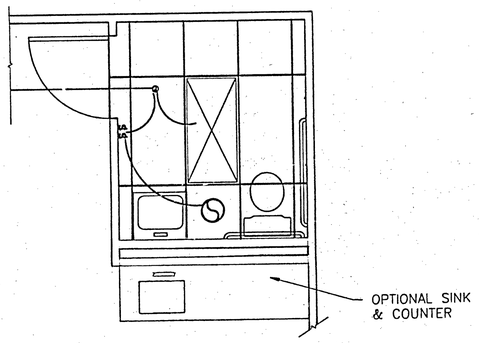



1 / 1A ALTERNATE CORNER RESTROOM
1A / 1A 3/8"=1'-0"

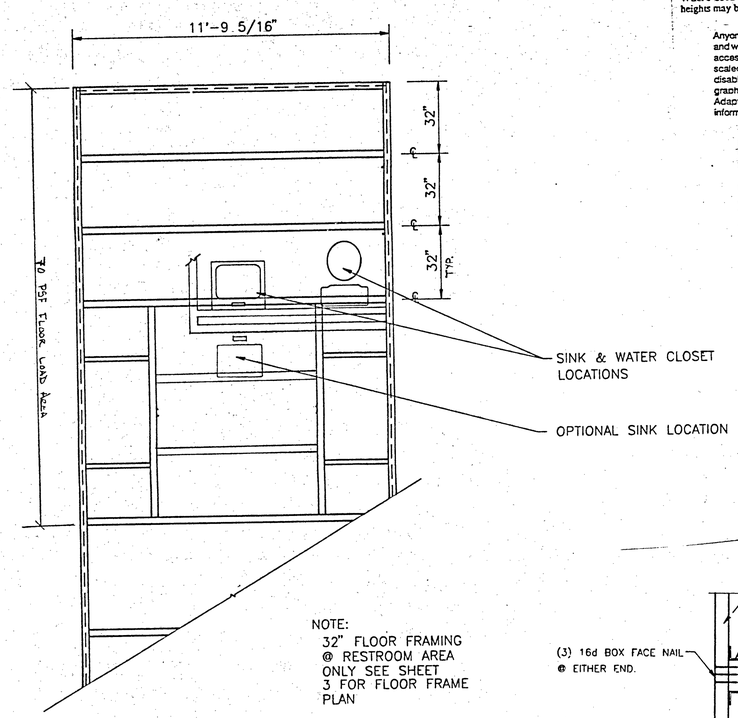



Note: See Detail 7/1A For Restroom Accessory Blocking.

2 / 1A INTERIOR RESTROOM ELEVATION
1A / 1A 3/8"=1'-0"

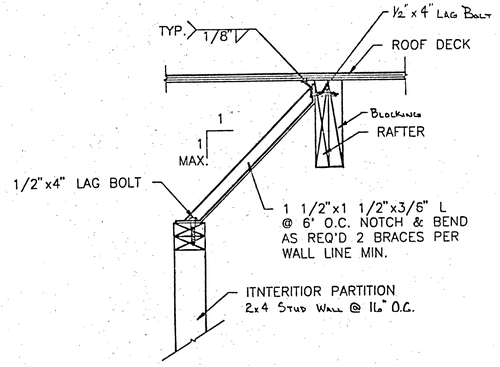



3 / 1A ALTERNATE MECHANICAL PLAN
1A / 1A 3/8"=1'-0"

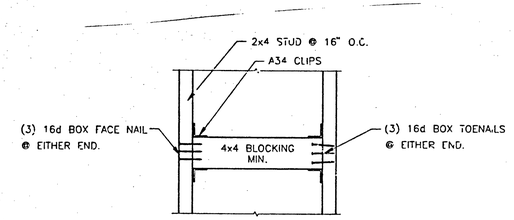



NOTE:
32" FLOOR FRAMING @ RESTROOM AREA ONLY SEE SHEET 3 FOR FLOOR FRAME PLAN

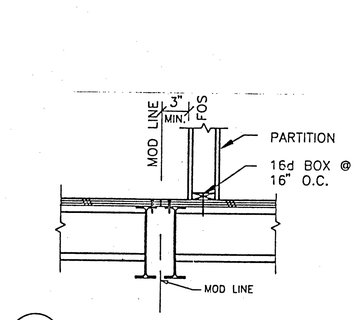
4 / 1A ALTERNATE FLOOR FRAMING PLAN
1A / 1A 3/8"=1'-0"




5 / 1A PARTITION SUPPORT
1A / 1A 1-1/2"=1'-0"




7 / 1A TOILET ACCESSORY BLOCKING
1A / 1A 1-1/2"=1'-0"




6 / 1A WALL SET BACK AT MOD LINE
1A / 1A 1 1/2"=1'-0"

**Where Used By Children.** Where facilities are to be used solely by small children, the specific heights may be adjusted to meet their accessibility needs.

Anyone who has visited a kindergarten classroom knows why this subsection was included, and why strict adherence to the standards of this code could create more inaccessibility than accessibility. It is important to recognize that all children are disabled by an environment scaled without consideration being given to their size and space needs. However, the non-disabled child can adapt more readily than a child with a physical disability. The following graph and sketch have been taken from an access information bulletin prepared by the Adaptive Environment Center for the National Center for a Barrier Free Environment. This information can and should be used in creating a barrier free environment for all children.

**If facilities are intended for use specifically for students which may include disabled users under 12 years of age, the following criteria may be used:**

| | | |
|---|---|---|
| a. | Toilet grab bar size | 1 1/4" with 1 1/2" space between grab bar and wall |
| b. | Toilet grab bar height | Mounted 10" above the seat |
| c. | Toilet grab bar length alongside | 3'0" with 1'6" length extending beyond the the water closet front edge of the water closet |
| d. | Grab bar must be capable of supporting a 150 lb. load applied anywhere along the length. Connections must also be capable of supporting a 150 lb. load. | |
| e. | Toilet height | 1'3" to top of seat from floor surface |
| f. | Lavatory height | 2'6" below apron to floor surface |
| g. | Maximum height of controls receptacles and dispensers | 3'4" from center of operable part to the floor |
| h. | Height of handrails | 2'0" to the center of the bar from the floor surface |
| i. | Height of water fountain spigot | 2'6" from the floor surface |
| j. | Height of telephone to highest operable mechanism | 3'8" from the floor surface |



# CHAPTER 15

***PLUMBING REQUIREMENTS FOR ACCOMMODATION OF PHYSICALLY HANDICAPPED PERSONS***

***NOTE: This is a new chapter which has no corresponding chapter in the U.R.C.***
***Adopt entire Chapter 15: [BSC, OSA/AC]***
***Adopt Chapter 15 as indicated in Matrix Adoption Appendix: [HCD/1, HCD/2]***

***Section 1501—General***

*This chapter contains building standards of the state architect and the Department of Housing and Community Development applicable to all buildings and facilities required to be accessible to and usable by physically handicapped persons.*

***Exceptions:*** *1. In existing buildings, when the enforcing agency determines that compliance with any regulation under this chapter would create an unreasonable hardship, an exception shall be granted when equivalent facilitation is provided.*

*2. In existing buildings, where the enforcing agency determines because of physical constraints compliance with this chapter or equivalent facilitation would create an unreasonable hardship, these regulations shall not apply.*

***Section 1502—Water Closets***

*The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of the toilet seat. Controls shall be operable with one hand, and shall not require tight grasping, pinching or twisting of the wrist. Controls for the flush valves shall be mounted on the wide side of toilet areas, no more than 44 inches above the floor. The force required to activate controls shall be no greater than 5 lbf.*

***NOTE:*** *See Section 1213 (d) 5, Exception 4, State Building Code, for water closets in living accommodations.*

***Section 1503—Urinals***

*(a) Where urinals are provided at least one with a rim projecting a minimum of 14 inches from the wall and at a maximum of 17 inches above the floor shall be provided.*

*(b) Flush controls shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist and shall be mounted no more than 44 inches above the floor. The force required to activate controls shall be no greater than 5 lbf.*

***Section 1504—Lavatories***

*(a) Lavatories adjacent to a wall shall be mounted with a minimum distance of 18 inches to the center line of the fixture. All accessible lavatories shall be mounted with the rim or counter surface no higher than 34 inches above the finished floor and with a clearance of at least 29 inches from the floor to the bottom of the apron with knee clearance under the front lip extending a minimum of 30 inches in width with 8 inches minimum depth at the top. Toe clearance shall be the same width and shall be a minimum of 9 inches high from the floor and a minimum of 17 inches deep from the front of the lavatory.*

***Exception:*** *In privately funded apartment houses the space under the lavatory may be omitted provided the door swing does not encroach on clear spaces in front of the lavatory, watercloset and bathtub-shower in the accessible bathroom.*

*(b) Hot water and drain pipes accessible under lavatories shall be insulated or otherwise covered. There shall be no sharp or abrasive surfaces under lavatories.*

*(c) Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist.*

*The force required to activate controls shall be no greater than 5 lbf. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.*

***Section 1505—Showers***

*(a) Water controls of a single-lever design shall be located on the side wall opposite the seat and operable with a maximum force of 5 lbf. The controls shall be located 40 inches above the shower floor.*

*(b) A flexible hand-held shower unit with a hose at least 60 inches long shall be provided with head mounting height of 48 inches maximum above the shower floor.*

*(c) Where handicapped shower facilities are provided in areas subject to excessive vandalism, in lieu of providing the fixed flexible hose and handheld shower head required above, two wall-mounted shower heads shall be installed. Each shower head shall be controlled so that it can be operated independently of the other and shall have swivel angle adjustments, both vertically and horizontally. One shower head shall be located at a height of 40 inches above the floor.*

*(d) Where, within the same functional area, two or more showers are provided for the physically handicapped, there shall be at least one shower constructed opposite hand from the other or others (i.e., one left-hand controls versus right-hand controls).*

***NOTE:*** *See Section 1213 (d) 5, Exceptions 2 and 3, and Section 511 (a) 9A and B, 11, 12, 13 and 14, State Building Code, for showers in living accommodations.*

***Section 1506—Bathtubs***

*Bathtubs shall be provided with a shower spray unit having a hose at least 60 inches long that can be used as a shower. Bathtub enclosures, if provided, shall not obstruct controls or transfer from wheelchair onto bathtub seats or into tubs. Enclosures on bathtubs shall not have tracks mounted on their rims.*

***NOTE:*** *See Section 1213 (d) 5, Exception 3, State Building Code, for bathtubs in living accommodations.*

***Section 1507—Drinking Fountains***

*(a) The drinking fountain shall be a minimum of 18 inches in depth and there shall be clear and unobstructed knee space under the drinking fountain not less than 27 inches in height and 8 inches in depth, the depth measurements being taken from the front edge of the fountain. Additionally, there shall be toe clearance of 9 inches in height above the floor and 17 inches in depth from the front edge of the fountain. A side approach drinking fountain is not acceptable.*

*(b) The bubble shall be activated by a control which is easily operated by a handicapped person such as a hand-operated lever-type control located within 6 inches of the front of the fountain, a push bar control along the front of the drinking fountain, etc. The bubbler outlet orifice shall be located within 6 inches of the front of the drinking fountain and shall be within 36 inches of the floor. The water stream from the bubbler shall be substantially parallel to the front edge of the drinking fountain.*

***Section 1508—Kitchen Sinks***

*Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lbf. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.*

ACCESSIBILITY SIGN NOTE:

**Identification Symbols.** Doorways leading to men's sanitary facilities, shall be identified by an equilateral triangle 1/4 inch thick with edges 12 inches long and a vertex pointing upward. Women's sanitary facilities shall be identified by a circle, 1/4 inch thick and 12 inches in diameter. Unisex sanitary facilities shall be identified by a circle 1/4 inch thick, 12 inches in diameter with a 1/4" thick triangle superimposed on the circle and within the 12 inch diameter. These geometric symbols shall be centered on the door at a height of 60 inches and their color and contrast shall be distinctly different from the color and contrast of the door.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024

P.O. Box 367
Patterson, California
95363
(209) 892-6298

Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER EDWARD LINDSAY No. 776 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1 1990
Structural Safety Section
Appl. # PC147
Backchecked By

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
REVIEWED BY: 10/6/92

Approval: Access Compliance

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
PC147 OCT 17 '90
APPLICATION PER W. Jul Rules
BY

PAUL M. REYNOLDS No. C-9969 REN. 9-1-96 REGISTERED ARCHITECT STATE OF CALIFORNIA

STATE OF CALIFORNIA
Department of General Services
MAY 17 1996
Division of the State Architect
Regulation Services-Sacto.

10-96

75 MPH EXP 'C'
24x40 CLASSROOM
60 PSF SNOW LOAD

ALTERNATE FLOOR PLAN & DETAILS

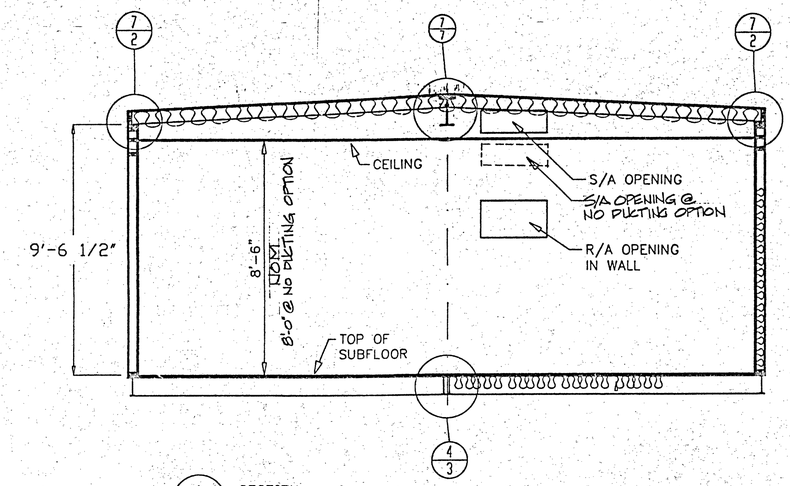
Architect:

Paradise USD | DATE: 3/21/96 | JOB: 3594

| | |
|---|---|
| Drawn J.F. | Sheet 1A |
| Scale NOTED | |
| Date 8-1-90 | Of Sheets |
| Job 605L | |

T.E.H. #9540.4 INCREMENT No. 2

FILE NAME: PC605L1A




1 SECTION
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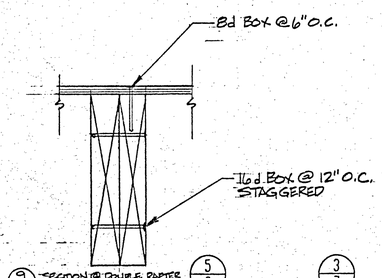
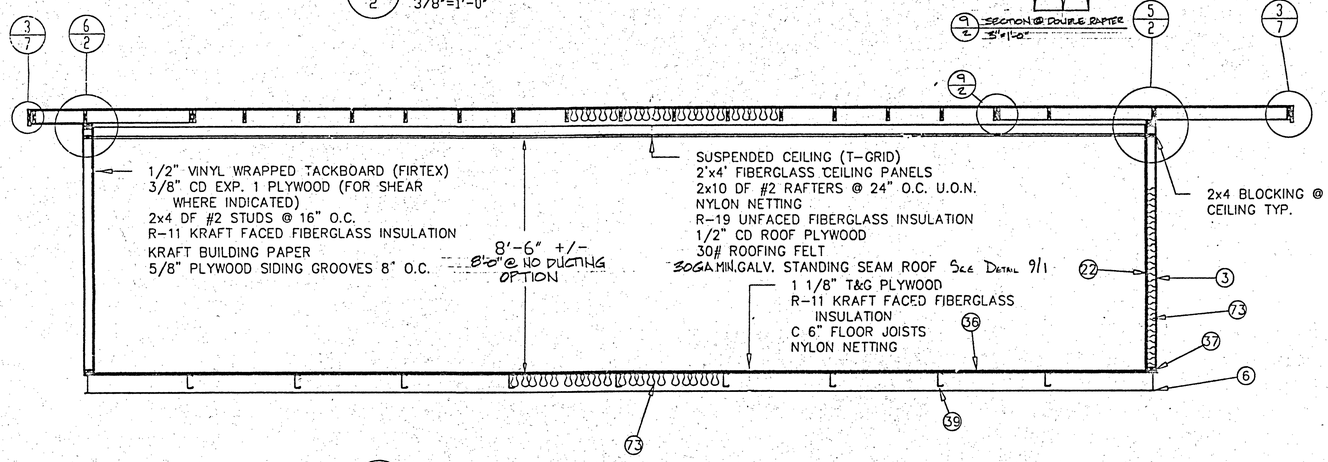
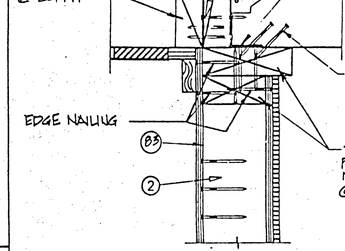


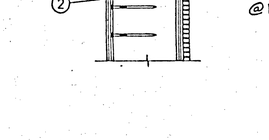

9 SECTION @ DOUBLE RAFTER
2 3"=1'-0"



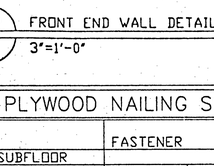

2 SECTION
2 3/8"=1'-0"




7A
COLUMN @ TOP

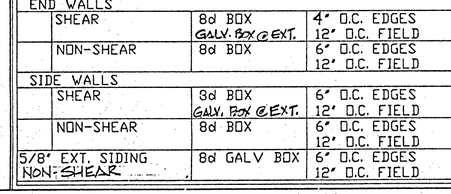


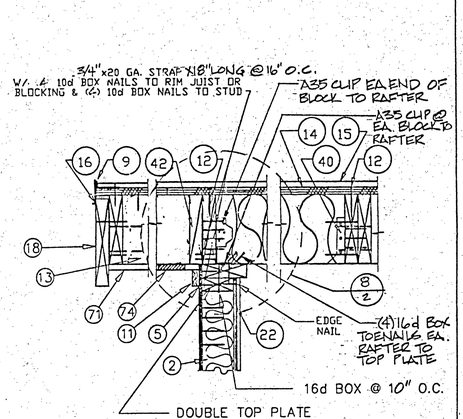

7B
COLUMN SECTION



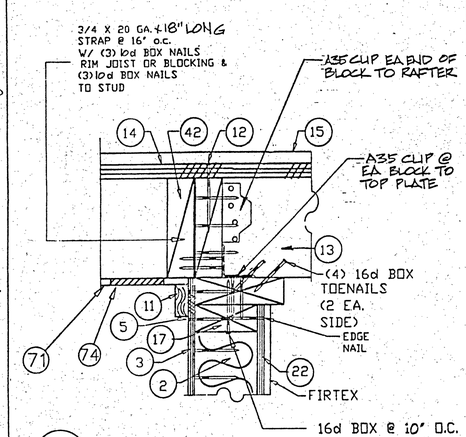

7C
COLUMN @ BOTTOM

3 COLUMN
2 1-1/2"=1'-0"

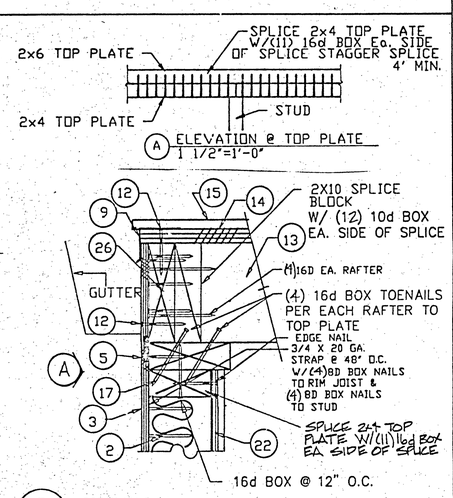


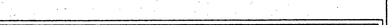

5 FRONT END WALL
2 1-1/2"=1'-0"




6 BACK END WALL
2 3"=1'-0"




7 SIDEWALL
2 3"=1'-0"



8 FRONT END WALL DETAIL
2 3"=1'-0"

## PLYWOOD NAILING SCHEDULE

| ITEM | | FASTENER | SPACING |
|---|---|---|---|
| 1-1/8" SUBFLOOR | | | |
| | TO M8x6.5 | SDL45175 .187 DIA. | EDGES: 6" O.C. FIELD: 6" O.C. @ 48" O.C. JOIST SPACING, 10" O.C. @ 32" O.C. JOIST SPACING |
| | TO C 6"x12ga | H34162 .170 DIA. | |
| 1/2" CD ROOF PLY | | 8d BOX | 6" O.C. EDGES 12" O.C. FIELD |
| 3/8" INTERIOR CD END WALLS | | | |
| | SHEAR | 8d BOX GALV. BOX @ EXT. | 4" O.C. EDGES 12" O.C. FIELD |
| | NON-SHEAR | 8d BOX | 6" O.C. EDGES 12" O.C. FIELD |
| SIDE WALLS | | | |
| | SHEAR | 8d BOX GALV. BOX @ EXT. | 6" O.C. EDGES 12" O.C. FIELD |
| | NON-SHEAR | 8d BOX | 6" O.C. EDGES 12" O.C. FIELD |
| 5/8" EXT. SIDING NON-SHEAR | | 8d GALV BOX | 6" O.C. EDGES 12" O.C. FIELD |

## NOTES *

1 COLUMN: 3"x3"x3/16" SQ. TUBE
2 STUD: 2x4 16" O.C. @ SIDEWALLS; 12" O.C. @ ENDWALLS
3 5/8" EXT. PLYWOOD SIDING, SEE SPECS. SHEET 8
4 PNEUTEK PINS @ 6"o.c. AT EDGES (6"O.C. IN Field @ 4' Joist 10" o.c. IN FIELD @ 32" o.c. Joist
5 BOUNDARY NAILING: SEE NAILING SCHEDULE SHEET 2
6 FLOOR PERIMETER FRAME: M 12" X 11.8# I BEAM ALTERNATE: Floor Frame Plan on Concrete SEE SHEET 13,14,15
7 PNEUTEK 34325L @ 12" o.c. @ SIDEWALLS & 8" O.C. @ ENDWALLS & 6" MAX. FROM END OF ANY PIECE TYP. @ ALL SILL PLATE CONNECTIONS U.N.O. SEE NOTE 85
8 PNEUTEK 34250L @ 12" o.c.
9 PREFORMED METAL ROOF EDGE
10 8d BOX @ 12" O.C. (GALV. WHERE EXPOSED TO WEATHER)
11 TRIM 1X2
12 NAILS: 8D @ 6" o.c.
13 RAFTER 2x10 @ 24" O.C.
14 PLYWOOD ROOF SHEATHING
15 ROOFING: 30 Ga. GALV. STANDING RIB MIN.
16 NAILS: 2-16D PER RAFTER
17 (1) 2x4 & (1) 2x6 DF TOP PLATES - NO SPLICE @ END WALLS.
18 TRIM: 2X10
19 NAIL: 16D @ 12" o.c.
20 NAIL:16D @ 8" O.C
21 HEADER: 4X12 D.F.#2
22 3/8 CD PLYWOOD
23 SUSPENDED CEILING
24
25 PLYWOOD FILLER
26 RIM RAFTER: 2x10
27
28 2X4 NAILER
29 BOLTS: 5/8" DIA. M.B. SEE ROOF FRAMING PLAN FOR LOCATION
30 TRUSS @ RIDGE SEE SHEET 6
31 HANGER: SIMPSON LB210
32 MODULE LINE
33 DOUBLE 2x10 RAFTER
34 MOD TIE STRAP- 2 1/2"x 1/8" STRAP W/(12) 16d BOX
35
36 PLYWOOD FLOOR SHEATHING: 1 1/8" T&G STURDIFLOOR APA PS1-83 EXP. 1 ALL PLIES TO BE WOOD
37 SILL PLATE: 2X4 CONT.
38 Z-METAL STRIPS/4 x 26 Ga. X 5/8 X 3/4 x 26 Ga.
39 C 6"x3"x12ga
40 SIMPSON U210 JOIST HANGER
41 NAIL: 8D @ 12" o.c.
42 2x10 BLOCKING
43 STEEL STRAP: 2 1/2" X 1/8" W/(2) 5/8" BOLTS
44 BOUNDARY NAILING
45 STUDS: (2) 2x4 DF MIN.
46 H.V.A.C. UNIT: WEIGHT 475# TYP.
47 DOUBLE 2X4 W/16D BOX NAILS 8" O.C.
48 HOLD-DOWN W/ (2) 5/8" BOLTS
49 L 1 1/2" X 1 1/2" X 1/8" X 18" LONG ATTACH TO A.C. W/4-#10 SELF-TAPPING GALV. S.M.S. & TO 2X4 FLAT W/(4) 5/16" X 2 1/2" LAG SCREWS.
50 STEEL PLATE: 2'x2'x1/4" WELD @ TOP FLANGES OF M8x6.5 BEAM
51
52 HEADER: 4x8 DF #2
53 TRIM: 1X4
54 HOLLOW METAL FRAME: 16ga W/LOCK-IN ANCHORS, 8d BOX TO STUDS
55 DOOR.
56 KING STUDS: 2-2x4 FULL HEIGHT
(4) @ WINDOWS;(3) @ MOD LINE;(2) @ DOORS
57 TRIMMER: 1- 2X4
58 DOOR BOTTOM.
59 ALUMINUM THRESHOLD W/(3)3/16"x1 3/8" F.H.W.S.
60 RAMP, SEE SHEET 12
61 G.I. FLASHING.
62 LAG SCREWS(6) 3/8" X 2"
63 2X6 BLOCK
64 STEEL SUPPORT BRACKET SUPPLIED BY H.V.A.C. UNIT MANUFACTURER (11ga x 24")
65 PREFINISHED WOOD TRIM
66 DOUBLE 2X4 SILL
67 INSULATION: R-11 KRAFT FACED OVER NYLON MESH
68
69
70 TOENAIL: 16d @ 12" O.C.
71 SOFFIT: 3/8" PLYWOOD SIDING NO GROOVES
72 PRE-FINISHED PANELING
73 R-11 KRAFT FACED INSULATION
74 4" ROUND VENT
75 SEALANT
76 3"x3"x1/4" ANGLE
77 C 6"x2 1/2"x14ga
78 2"x2"x3/16" ANGLE BRACE FROM SIDE BEAM TO END BEAM @ HOLD DOWN LOCATIONS
79 2x6 DF NAILER CONT. @ PERIMETER
80 WINDOW: 8'-0"x4'-0" XOX SEE SPECS, SHEET 8
81 FIRE EXTINGUISHER-MOUNT ON WALL BRACKET @ 48" A.F.F. MAX
82 NOT USED
83 20 Ga.x3/4"x16" LONG STRAP w/ (4) 10d BOX Ea. END (2x10 BLOCK TO 2x4 STUD)
84 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Ea. END (4x HEADER TO 2x4 STUD)
85 SILL CONNECTION @ END WALL SHEAR PANELS ONLY: PNEUTEK 34325L @ 6" O.C. & 6" MAX. FROM END OF ANY PIECE.
86
87 2" ROUND VENT
88 (2) 2x4 TRIMMER @ 8' OPENING
89 M8x6.5
90 (2) 2x4 D.F. Header Cont. @ Perimeter.

* SOME ITEMS SHOWN ABOVE MAY NOT BE SHOWN ON THIS SHEET

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024


de systems inc., inc.
P.O. Box 367
Patterson, California
95363
(209) 892-6298


Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER EDWARD LINDSEY No. 7776 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1990
Structural Safety Section
File # 1PC147
Checked By

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME
REVIEWED BY

Approval: Access Compliance

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
R147 OCT 17 '90
APPLICATION FOR R. Job Below
NO.

75 MPH EXP. 'C'
24x40 CLASSROOM
60 PSF SNOW LOAD

BUILDING SECTION & DETAILS

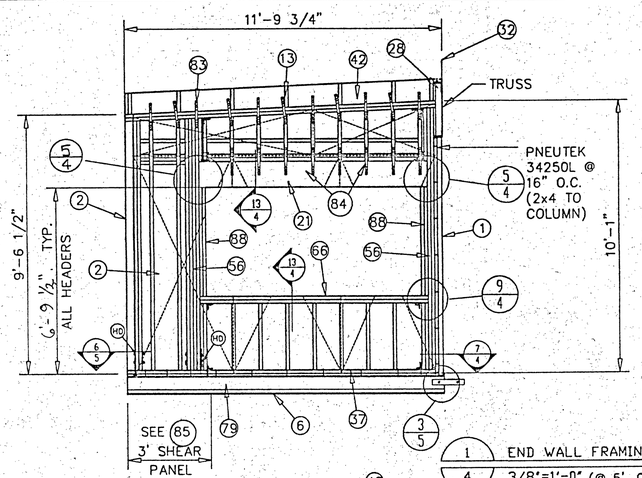
Architect:

Paradise USD
DATE: 3/21/96 JOB: 3594

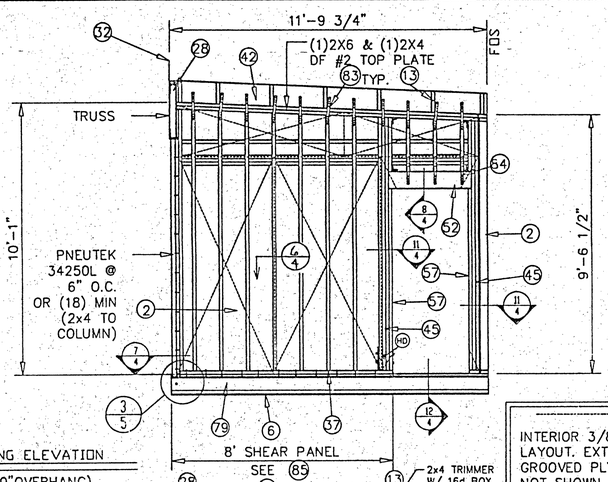
| Drawn | Sheet |
|---|---|
| WS | 2 |
| Scale NOTED | Of Sheets |
| Date 6-22-90 | |
| Job 60SL | |

T-1-H #95424
INCREMENT No. 2

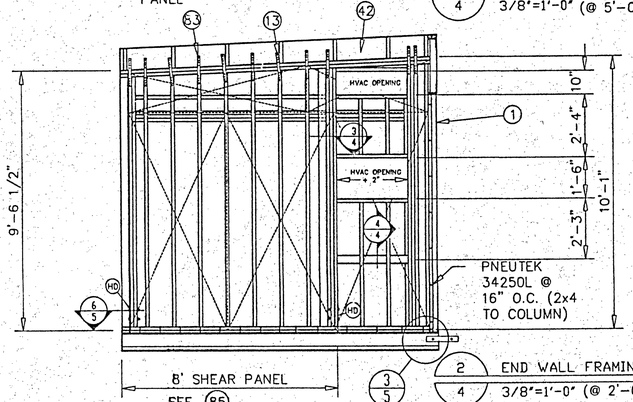
FILE NAME: 60SL2



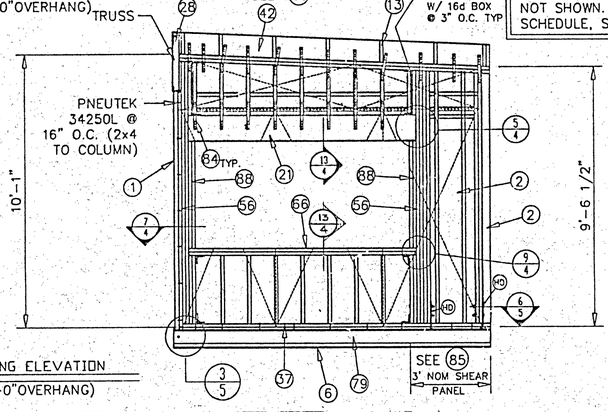

1 / 4 END WALL FRAMING ELEVATION
3/8"=1'-0" (@ 5'-0"OVERHANG)

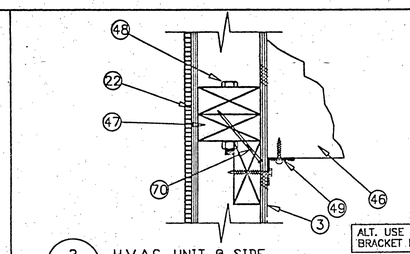



INDICATES INTERIOR 3/8" CD PLYWOOD LAYOUT. EXTERIOR 5/8" GROOVED PLY. SIDING NOT SHOWN. SEE NAILING SCHEDULE, SHEET 2.

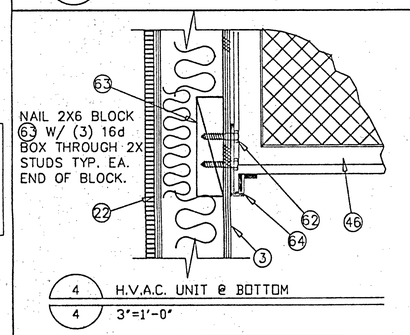



2 / 4 END WALL FRAMING ELEVATION
3/8"=1'-0" (@ 2'-0"OVERHANG)

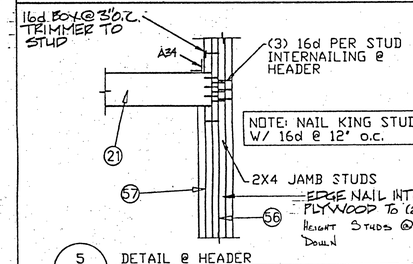



3 / 4 H.V.A.C. UNIT @ SIDE
3"=1'-0"




4 / 4 H.V.A.C. UNIT @ BOTTOM
3"=1'-0"




5 / 4 DETAIL @ HEADER
1-1/2"=1'-0"

## NOTES

1 COLUMN: 3"x3"x3/16" SQ. TUBE
2 STUD: 2x4 16" O.C. @ SIDEWALLS; 12" O.C. @ ENDWALLS
3 5/8" EXT. PLYWOOD SIDING, SEE SPECS. SHEET 8
4 PNEUTEK PINS @ 6'o.c. AT EDGES 6" O.C. IN FIELD @ 4' Joist 10" O.C. IN FIELD @ 32" o.c. Joist
5 BOUNDARY NAILING: SEE NAILING SCHEDULE SHEET 2
6 FLOOR PERIMETER FRAME: M 12" X 11.8# I BEAM ALTERNATE: Floor Frame Plan on Concrete SEE SHEET 13,14,15
7 PNEUTEK 34325L @ 12" o.c. @ SIDEWALLS & 8" O.C. @ ENDWALLS & 6" MAX. FROM END OF ANY PIECE TYP. @ ALL SILL PLATE CONNECTIONS U.N.O. SEE NOTE 85
8 PNEUTEK 34250L @ 12" o.c.
9 PREFORMED METAL ROOF EDGE
10 8d BOX @ 12" O.C. (GALV. WHERE EXPOSED TO WEATHER)
11 TRIM: 1X2
12 NAILS: 8D @ 6" o.c.
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15 ROOFING: 30 Ga. GALV. STANDING RIB MIN.
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25 PLYWOOD FILLER
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28 2X4 NAILER
29 BOLTS: 5/8" DIA. M.B. SEE ROOF FRAMING PLAN FOR LOCATION
30 TRUSS @ RIDGE SEE SHEET 6
31 HANGER: SIMPSON LB210
32 MODULE LINE
33 DOUBLE 2x10 RAFTER
34 MOD TIE STRAP- 2 1/2"x 1/8" STRAP W/(12) 16d BOX
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36 PLYWOOD FLOOR SHEATHING: 1 1/8" T&G STURDIFLOOR APA PS1-83 EXP. 1 ALL PLIES TO BE WOOD
37 SILL PLATE: 2X4 CONT.
38 Z-METAL STRIP3/4 x 26 Ga. X 5/8 X 3/4 x 26 Ga.
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41 NAIL: 8D @ 12" o.c.
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43 STEEL STRAP:2 1/2" X 1/8" W/(2) 5/8" BOLTS
44 BOUNDARY NAILING
45 STUDS: (3) 2x4 DF MIN.
46 H.V.A.C. UNIT: WEIGHT 475# TYP.
47 DOUBLE 2X4 W/16D BOX NAILS 8" O.C.
48 HOLD-DOWN W/ (2) 5/8" BOLTS
49 L 1 1/2 X 1 1/2 X 1/8" X 18" LONG ATTACH TO A.C. W/4-#10 SELF-TAPPING GALV. S.M.S. & TO 2X4 FLAT W/(4) 5/16" X 2 1/2" LAG SCREWS.
50 STEEL PLATE: 2"x2"x1/4" WELD @ TOP FLANGES OF M8x6.5 BEAM
51
52 HEADER: 4x8 DF #2
53 TRIM: 1X4
54 HOLLOW METAL FRAME: 16ga W/LOCK-IN ANCHORS, 8d BOX TO STUDS
55 DOOR.
56 KING STUDS: 2-2x4 FULL HEIGHT (4) @ WINDOWS;(3) @ MOD LINE;(2) @ DOORS
57 TRIMMER 1- 2X4
58 DOOR BOTTOM.
59 ALUMINUM THRESHOLD W/(3)3/16"x1 3/8" F.H.W.S.
60 RAMP, SEE SHEET 12
61 G.I. FLASHING.
62 LAG SCREWS:(6) 3/8" X 2"
63 2X6 BLOCK
64 STEEL SUPPORT BRACKET SUPPLIED BY H.V.A.C. UNIT MANUFACTURER (11ga x 24")
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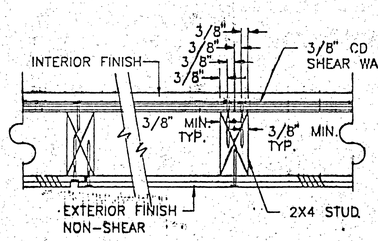
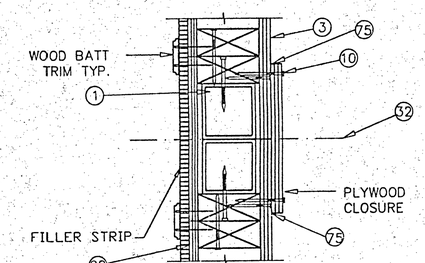
71 SOFFIT: 3/8" PLYWOOD SIDING NO GROOVES
72 PRE-FINISHED PANELING
73 R-11 KRAFT FACED INSULATION
74 4" ROUND VENT
75 SEALANT
76 3"x3"x1/4" ANGLE
77 C 6"x2 1/2"x14ga
78 2"x2"x3/16" ANGLE BRACE FROM SIDE BEAM TO END BEAM @ HOLD DOWN LOCATIONS
79 2x6 DF NAILER CONT. @ PERIMETER
80 WINDOW: 8'-0"x4'-0" XOX SEE SPECS. SHEET 8
81 FIRE EXTINGUISHER-MOUNT ON WALL BRACKET @ 48" A.F.F. MAX
82 NOT USED
83 20 Ga.x3/4"x16" LONG STRAP w/ (4) 10d BOX Ea. END (2x10 BLOCK TO 2x4 STUD)
84 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Ea. END (4x HEADER TO 2x4 STUD)
85 SILL CONNECTION @ END WALL SHEAR PANELS ONLY: PNEUTEK 34325L @ 6" O.C. & 6" MAX. FROM END OF ANY PIECE.
86
87 2" ROUND VENT
88 (2) 2x4 TRIMMER @ 8' OPENING
89 M8x6.5
90 (2) 2x4 D.F. Nailer Cont. @ Perimeter.

STATE OF CALIFORNIA
Department of General Services
MAY 17 1996
Division of the State Architect
Regulation Services-Sacto.

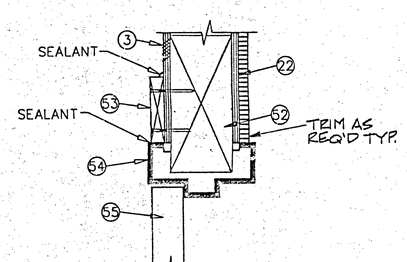
* SOME ITEMS SHOWN ABOVE MAY NOT BE SHOWN ON THIS SHEET



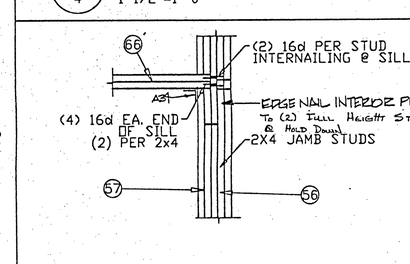

6 / 4 PANEL JOINT
3"=1'-0"



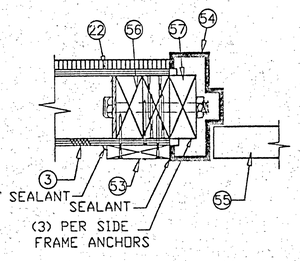

7 / 4 CLOSURE @ MODLINE
3"=1'-0"




8 / 4 HEAD
3"=1'-0"

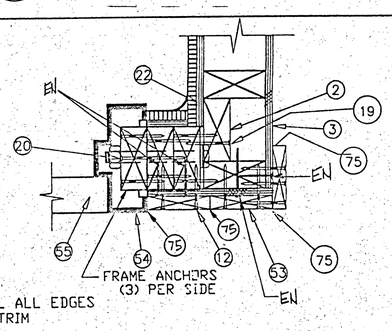



9 / 4 DETAIL @ SILL
1-1/2"=1'-0"

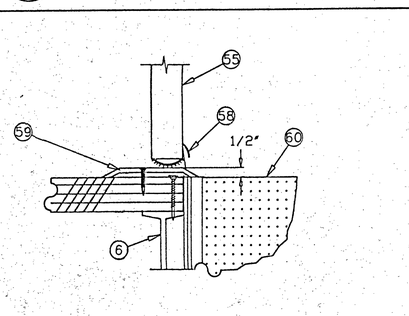



NOTE: (2)FULL HT. 2X4 STUDS AT DOOR OPENING

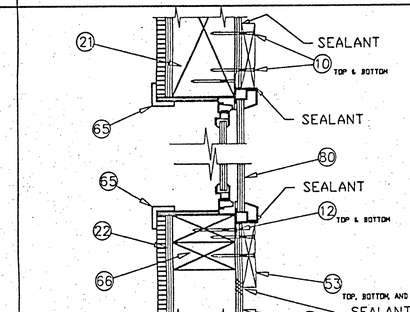
10 / 4 DOOR JAMB DETAIL W/Hold Down
3"=1'-0"




11 / 4 DOOR JAMB WITH HOLD DOWN @ CORNER
3"=1'-0"




12 / 4 THRESHOLD
3"=1'-0"




13 / 4 TYPICAL WINDOW SECTIONS
3"=1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024

desig
systen
P.O. Box 367
Patterson, California
95363
(209) 892-6298

Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER
EDWARD LINDSEY
No. 776
STRUCTURAL
STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1990
Structural Safety Section
Appl. # PC 147
Rechecked By

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME
REVIEWED BY

Approval: Access Compliance

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
PC147 OCT 17 '90
APPLICATION FEE W/ Inc Boxes
BY:

75 MPH EXP. 'C'
24x40 CLASSROOM
60 PSF SNOW LOAD

END WALL FRAMING ELEV. & DETAILS

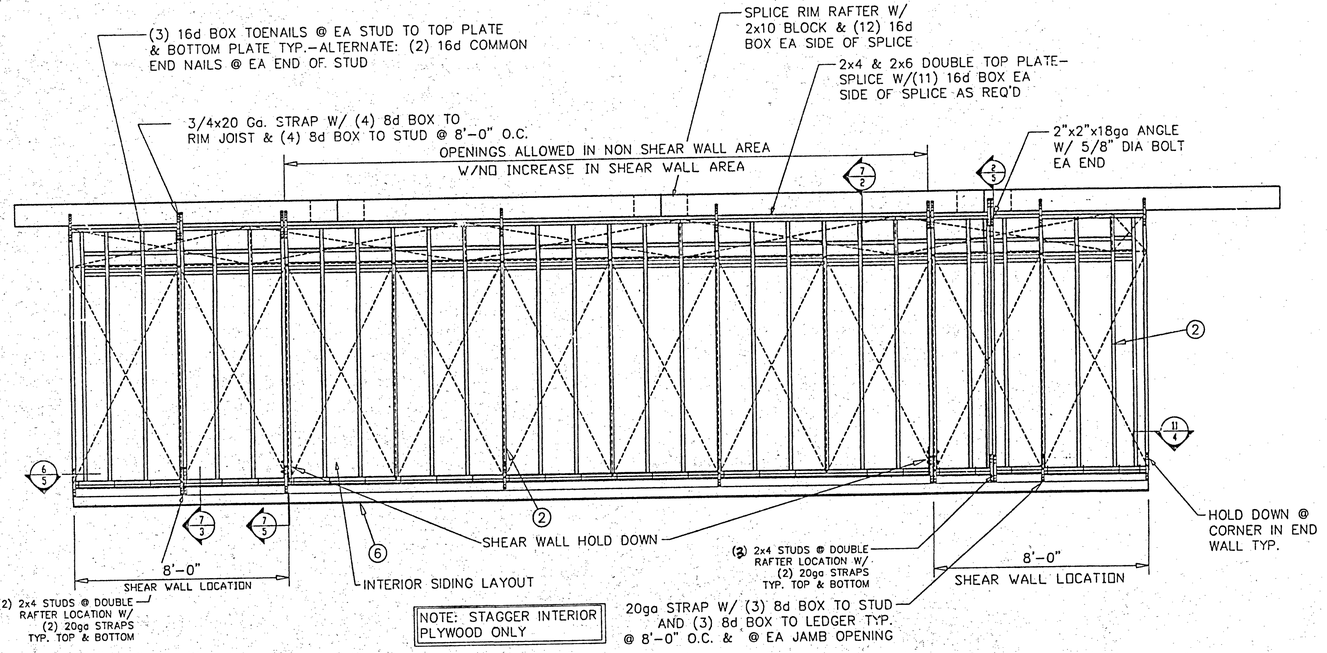
Architect:

Paradise USD | DATE: 3/21/96 | JOB: 3594

| | |
|---|---|
| Drawn | WS |
| Scale | NOTED |
| Date | 6-22-90 |
| Job | 60SL |
| Sheet | 4 |
| Of | Sheets |

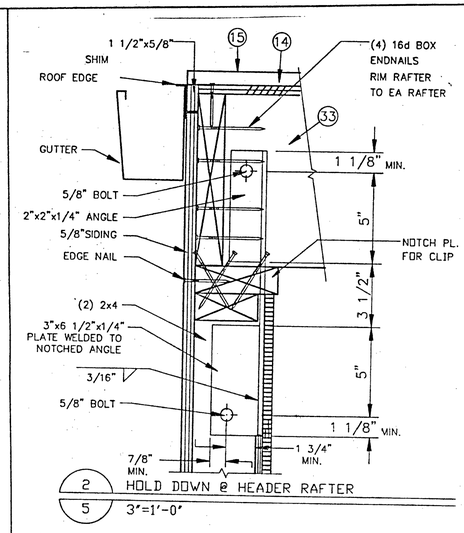
T-H # 1564.4
INCREMENT No.:

FILE NAME: 60SL4



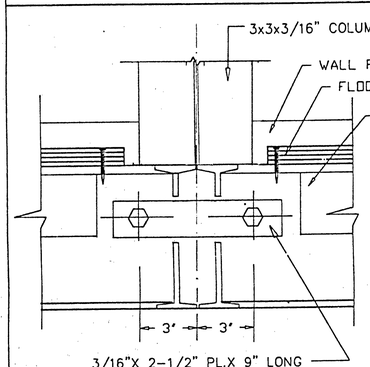

NOTE: STAGGER INTERIOR PLYWOOD ONLY

1 SIDEWALL FRAMING ELEVATION
5 3/8"=1'-0"




2 HOLD DOWN @ HEADER RAFTER
5 3"=1'-0"

INDICATES INTERIOR 3/8" CD PLYWOOD LAYOUT. EXTERIOR 5/8" GROOVED PLY. SIDING NOT SHOWN.

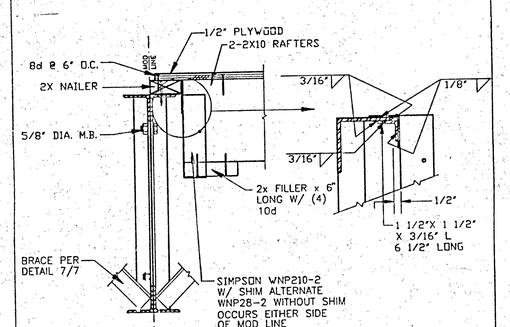



3 MOD LINE CONNECTION
5 3"=1'-0"

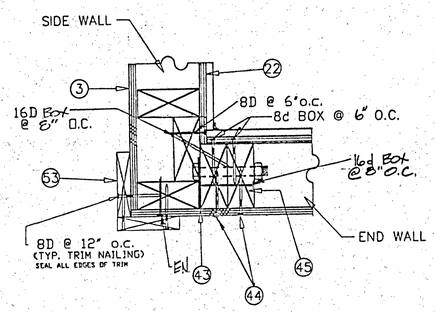
## NOTES

1 COLUMN: 3"x3"x3/16" SQ. TUBE
2 STUD: 2x4 16" O.C. @ SIDEWALLS; 12" O.C. @ ENDWALLS
3 5/8" EXT. PLYWOOD SIDING, SEE SPECS. SHEET 8
4 PNEUTEK PINS @ 6"o.c. AT EDGES 6"O.C. IN FIELD @ 4' Joist 10" o.c. IN FIELD @ 32" o.c. Joist
5 BOUNDARY NAILING: SEE NAILING SCHEDULE SHEET 2
6 FLOOR PERIMETER FRAME: M 12" X 11.8# I BEAM ALTERNATE: Floor Frame Plan on Concrete SEE SHEET 13,14,15
7 PNEUTEK 34325L @ 12" o.c. @ SIDEWALLS & 8" O.C. @ ENDWALLS & 6" MAX. FROM END OF ANY PIECE TYP. @ ALL SILL PLATE CONNECTIONS U.N.O. SEE NOTE 85
8 PNEUTEK 34250L @ 12" o.c.
9 PREFORMED METAL ROOF EDGE
10 8d BOX @ 12" O.C. (GALV. WHERE EXPOSED TO WEATHER)
11 TRIM 1X2
12 NAILS: 8D @ 6" o.c.
13 RAFTER 2x10 @ 24" O.C.
14 PLYWOOD ROOF SHEATHING
15 ROOFING: 30 Ga. GALV. STANDING RIB MIN.
16 NAILS: 2-16D PER RAFTER
17 (1) 2x4 & (1) 2x6 DF TOP PLATES – NO SPLICE @ END WALLS.
18 TRIM: 2X10
19 NAIL: 16D @ 12" o.c.
20 NAIL16D @ 8" O.C.
21 HEADER: 4X12 D.F.#2
22 3/8 CD PLYWOOD
23 SUSPENDED CEILING
24
25 PLYWOOD FILLER
26 RIM RAFTER: 2x10
27
28 2X4 NAILER
29 BOLTS: 5/8" DIA. M.B. SEE ROOF FRAMING PLAN FOR LOCATION
30 TRUSS @ RIDGE SEE SHEET 6
31 HANGER: SIMPSON LB210
32 MODULE LINE
33 DOUBLE 2x10 RAFTER
34 MOD TIE STRAP– 2 1/2"x 1/8" STRAP W/(12) 16d BOX
35
36 PLYWOOD FLOOR SHEATHING: 1 1/8" T&G STURDIFLOOR : APA PS1-83 EXP. 1 ALL PLIES TO BE WOOD
37 SILL PLATE: 2X4 CONT.
38 Z-METAL STRIP:3/4 x 26 Ga. X 5/8 X 3/4 x 26 Ga.
39 C 6"x3"x12ga
40 SIMPSON U210 JOIST HANGER
41 NAIL: 8D @ 12" o.c.
42 2x10 BLOCKING
43 STEEL STRAP:2 1/2" X 1/8" W/(2) 5/8" BOLTS
44 BOUNDARY NAILING
45 STUDS: (3) 2x4 DF MIN.
46 H.V.A.C. UNIT: WEIGHT 475# TYP.
47 DOUBLE 2X4 W/16D BOX NAILS 8" O.C.
48 HOLD-DOWN W/ (2) 5/8" BOLTS
49 L 1 1/2 X 1 1/2 X 1/8" X 18" LONG ATTACH TO A.C. W/4-#10 SELF-TAPPING GALV. S.M.S. & TO 2X4 FLAT W/(4) 5/16" X 2 1/2" LAG SCREWS.
50 STEEL PLATE: 2"x2"x1/4" WELD @ TOP FLANGES OF M8x6.5 BEAM
51
52 HEADER: 4x8 DF #2
53 TRIM: 1X4
54 HOLLOW METAL FRAME: 16ga W/LOCK-IN ANCHORS, 8d BOX TO STUDS
55 DOOR:
56 KING STUDS: 2-2x4 FULL HEIGHT (4) @ WINDOWS(3) @ MOD LINE(2) @ DOORS
57 TRIMMER: 1- 2X4
58 DOOR BOTTOM.
59 ALUMINUM THRESHOLD W/(3)3/16"x1 3/8" F.H.W.S.
60 RAMP, SEE SHEET 12
61 GI. FLASHING.
62 LAG SCREWS(6) 3/8" X 2"
63 2X6 BLOCK
64 STEEL SUPPORT BRACKET SUPPLIED BY H.V.A.C. UNIT MANUFACTURER (11ga x 24")
65 PREFINISHED WOOD TRIM
66 DOUBLE 2X4 SILL
67 INSULATION: R-11 KRAFT FACED OVER NYLON MESH
68
69
70 TOENAIL: 16d @ 12" O.C.
71 SOFFIT: 3/8" PLYWOOD SIDING NO GROOVES
72 PRE-FINISHED PANELING
73 R-11 KRAFT FACED INSULATION
74 4" ROUND VENT
75 SEALANT
76 3"x3"x1/4" ANGLE
77 C 6"x2 1/2"x14ga
76 2"x2"x3/16" ANGLE BRACE FROM SIDE BEAM TO END BEAM @ HOLD DOWN LOCATIONS
79 2x6 DF NAILER CONT. @ PERIMETER
80 WINDOW: 8'-0"x4'-0" XOX SEE SPECS, SHEET 8
81 FIRE EXTINGUISHER–MOUNT ON WALL BRACKET @ 48" A.F.F. MAX
82 NOT USED
83 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Ea. END (2x10 BLOCK TO 2x4 STUD)
84 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Ea. END (4x HEADER TO 2x4 STUD)
85 SILL CONNECTION @ END WALL SHEAR PANELS ONLY: PNEUTEK 34325L @ 6" O.C. & 6" MAX. FROM END OF ANY PIECE.
86
87 2" ROUND VENT
88 (2) 2x4 TRIMMER @ 8' OPENING
89 M8x6.5
90 (2) 2x4 D.F. Nailer Cont. @ Perimeter.

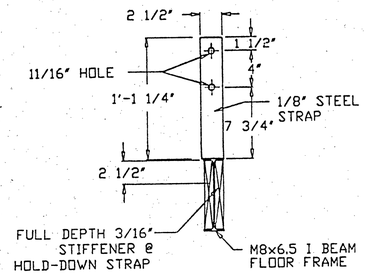
STATE OF CALIFORNIA Department of General Services MAY 17 1996 Division of the State Architect Regulation Services-Sacto




5 HEADER RAFTER CONNECTION
5 1-1/2"=1'-0"

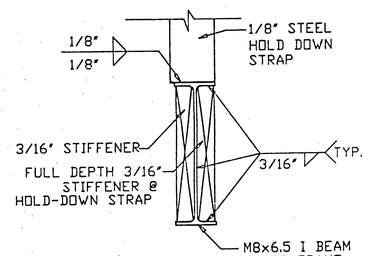



6 WALL CORNER WITH HOLD DOWN
5 3"=1'-0"

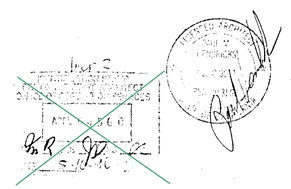



SEE 8/5 FOR WELDING

7 HOLD DOWN
5 1-1/2"=1'-0"




8 WELDS @ HOLD DOWN
5 3"=1'-0"



* SOME ITEMS SHOWN ABOVE MAY NOT BE SHOWN ON THIS SHEET


desig
system
P.O. Box 367
Patterson, California
95363
(209) 892-6298


IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-122123 INC: REVIEWED FOR SS ☑ FLS ☑ ACS ☑ DATE: 3/21/2024

Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER EDWARD LINDROS No. 776 STRUCTURAL STATE OF CALIFORNIA

LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP Department of General Services Office of the State Architect OCT 1 1990 Structural Safety Section Appl. # PC 147 Backchecked By elec. sf

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL APPROVED APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY APPROVAL OR ISSUANCE OF BUILDING PERMIT. APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME. REVIEWED BY

Approval: Access Compliance

OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE APPLICATION PC 147 OCT 17 '90 PER W. 2nd Setback ED.

75 MPH EXP. 'C'
24 X 40 CLASSROOM
60 PSF SNOW LOAD
1

SIDE WALL FRAMING ELEV./DETAILS

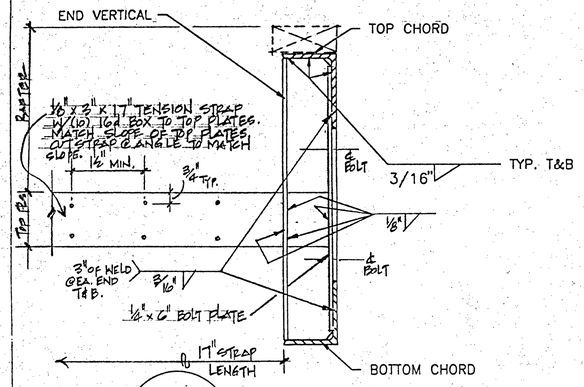
Architect:

Paradise USD DATE: 3/21/96 JOB: 3594

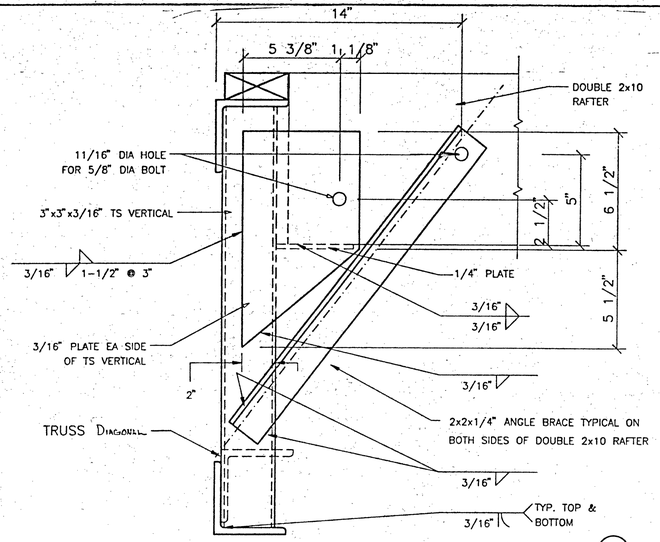
| | |
|---|---|
| Drawn | BP |
| Scale | NOTED |
| Date | 6-28-90 |
| Job | 60SL |
| Sheet | 5 |
| Of | Sheets |

T#H#9542.4 INCREMENT No. 2

FILE NAME: 60SL5

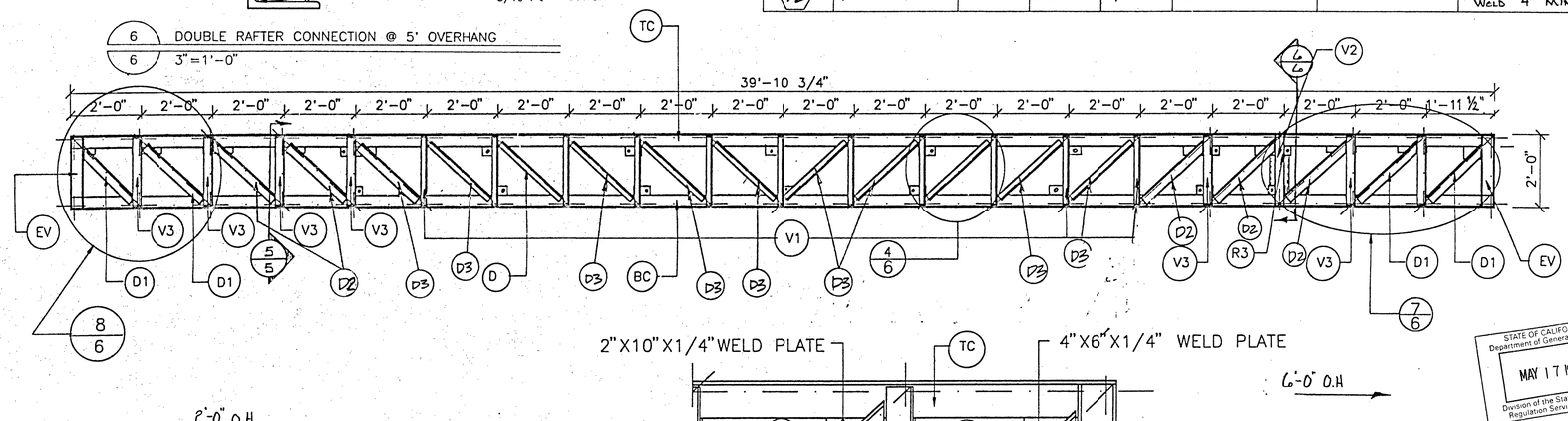


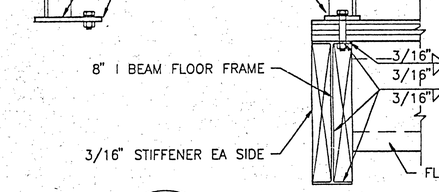

1 SEC. @ END OF TRUSS
6 3" = 1'-0"




| PART NO. | DESCRIPTION | MAT'L. TO BE TESTED | YIELD POINT | MAT'L GAGE | SECTION | LENGTH | REMARKS |
|---|---|---|---|---|---|---|---|
| TC | TOP CHORD | YES | 36KSI | 3/8" | L 4" X 4" | | |
| BC | BOT. CHORD | YES | 36KSI | 3/8" | L 4" X 4" | | |
| V1 | VERTICAL | YES | 36KSI | 1/4" | L 2" X 2" | | WELD 3" MIN. |
| V2 | VERTICAL | YES | 36KSI | 3/16" | 3"X 3"SQ. TUBE | | |
| D1 | DIAG. | YES | 36KSI | 3/8" | L 3" X 3" | | WELD 6" MIN. |
| D3 | DIAG. | YES | 36KSI | 1/4" | L 2"x2" | | WELD 3" MIN. |
| V3 | VERTICAL | YES | 36KSI | 1/4" | L 3"x3" | | WELD 4" MIN. |
| R1 | | | | | | | |
| EV | END VER. | YES | 36KSI | 3/8" | L 4" X 4" | | |
| R3 | BOLT PLATE | YES | 36KSI | 1/4" | FLAT X 2" | | |
| R4 | | | | | | | |
| D2 | DIAGONAL | YES | 36KSI | 1/4" | L 3"x3" | | WELD 4" MIN. |

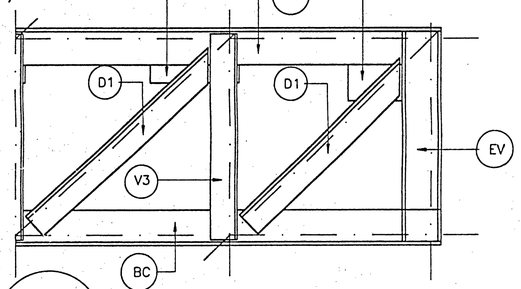
6 DOUBLE RAFTER CONNECTION @ 5' OVERHANG
6 3" = 1'-0"



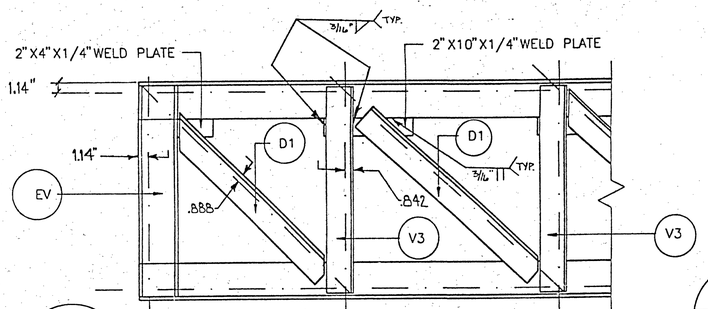

2 SHIPPING COLUMN
6 3" = 1'-0"

2'-0" O.H.

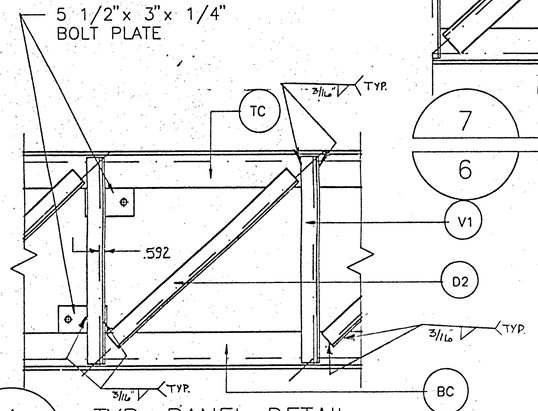



7 END PANEL DETAIL @ 5' OVERHANG
6 1-1/2" = 1'-0"

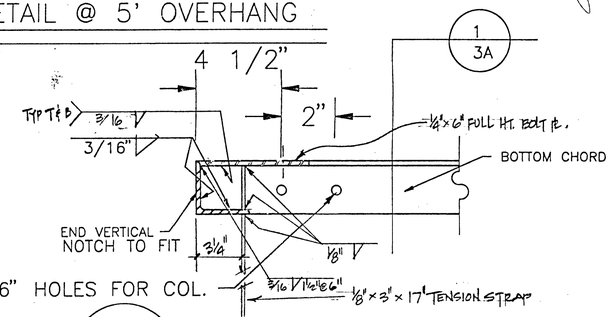
6'-0" O.H.




8 END PANEL DETAIL @ 2' OVERHANG
6 1-1/2" = 1'-0"




4 TYP. PANEL DETAIL
6 1-1/2" = 1'-0"



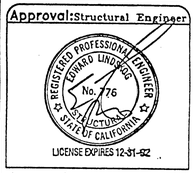

5 SEC. OF END VERTICAL
6 3" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024

STATE OF CALIFORNIA
Department of General Services
MAY 17 1996
Division of the State Architect
Regulation Services-Sacto.

desig
syste
P.O.
Patterson, California
95363
(209) 892-6298

Approval: Structural Engineer




LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1 1990
Structural Safety Section
Appl. # PC147
Backchecked By CKC 15F

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME
REVIEWED BY:
10-10-90

Approval: Access Compliance

NOTICE OF THIS STATE OF ACCESS COMPLIANCE
PC147 OCT 17 '90
APPLICATION PEND W. Jud Hoke Co.

75 MPH EXP. 'C'
24 x 40 CLASSROOM
60 PSF SNOW LOAD

TRUSS PLAN

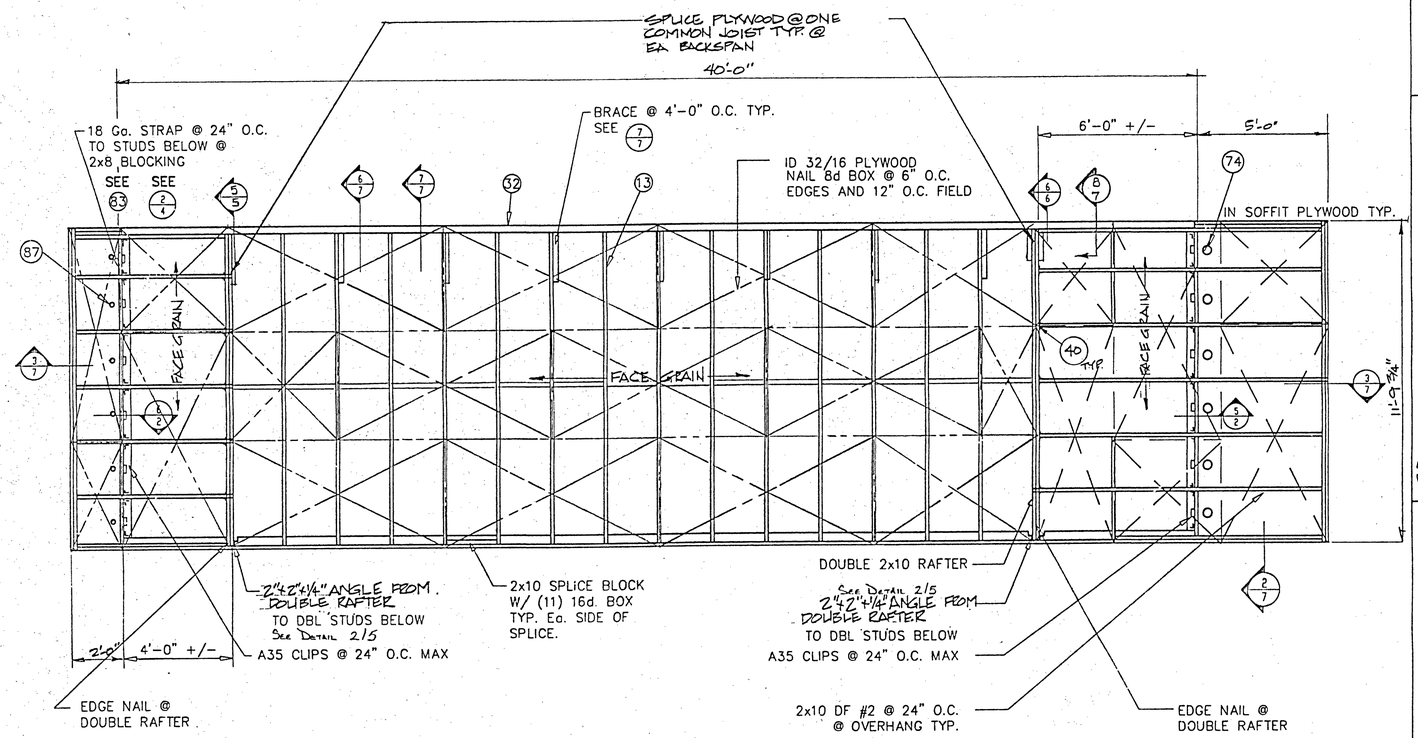
Architect:

Paradise USD DATE: 3/21/96 JOB: 3594

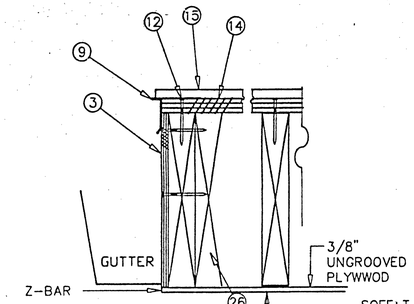
| | |
|---|---|
| Drawn BP | Sheet 6 |
| Scale NOTED | |
| Date 6-29-90 | |
| Job 60SL | Of Sheets |

T & M #95482.4
INCREMENT No. 2

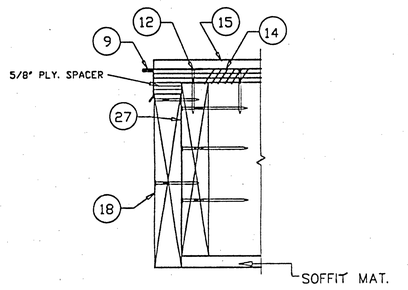
FILE NAME: 60SL6



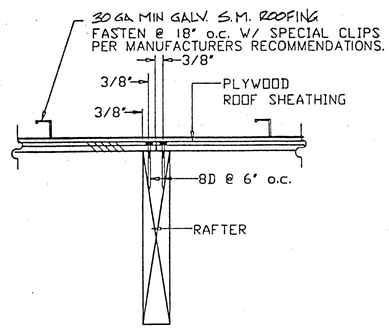

1 / 7 ROOF FRAMING PLAN (ONE MODULE)
3/8"=1'-0" 60 PSF SNOW LIVE LOAD



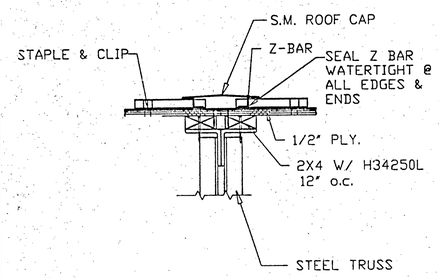

2 / 7 FASCIA @ SIDE OF OVERHANG
3"=1'-0"



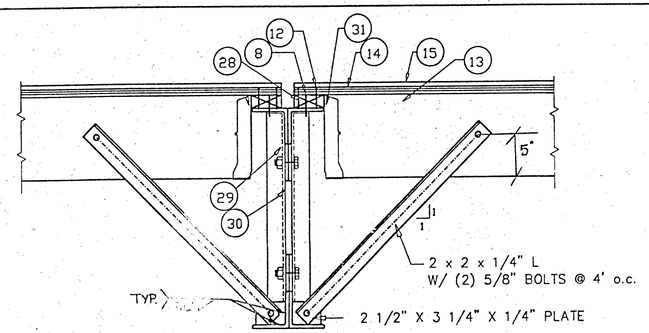

3 / 7 FASCIA
3"=1'-0"



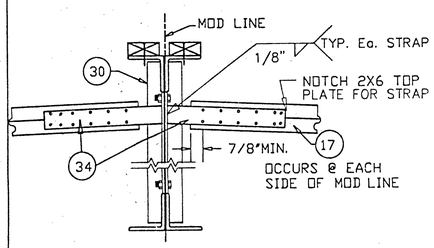

4 / 7 ROOF PLYWOOD PANEL JOINT
3"=1'-0"




6 / 7 ROOFING @ MODULE LINE
1-1/2"=1'-0"




7 / 7 TRUSS @ MOD LINE
1-1/2"=1'-0"




8 / 7 MODLINE TIE STRAP
1-1/2"=1'-0"

## NOTES

1. COLUMN: 3"x3"x3/16" SQ. TUBE
2. STUD: 2x4 16" O.C. @ SIDEWALLS; 12" O.C. @ ENDWALLS
3. 5/8" EXT. PLYWOOD SIDING, SEE SPECS. SHEET 8
4. PNEUTEK PINS @ 6"o.c. AT EDGES (4" O.C. IN FIELD @ 4' Joist 10" o.c. IN FIELD @ 32" o.c. Joist
5. BOUNDARY NAILING: SEE NAILING SCHEDULE SHEET 2
6. FLOOR PERIMETER FRAME: M 12" X 11.8# I BEAM ALTERNATE: Floor Frame Plan on Concrete SEE SHEET 13,14,15
7. PNEUTEK 34325L @ 12" o.c. @ SIDEWALLS & 8" O.C. @ ENDWALLS & 6" MAX. FROM END OF ANY PIECE TYP. @ ALL SILL PLATE CONNECTIONS U.N.O. SEE NOTE 85
8. PNEUTEK 34250L @ 12" o.c.
9. PREFORMED METAL ROOF EDGE
10. 8d BOX @ 12" O.C. (GALV. WHERE EXPOSED TO WEATHER)
11. TRIM: 1X2
12. NAILS: 8D @ 6" o.c.
13. RAFTER 2x10 @ 24" O.C.
14. PLYWOOD ROOF SHEATHING
15. ROOFING: 30 Ga. GALV. STANDING RIB MIN.
16. NAILS: 2-16D PER RAFTER
17. (1) 2x4 & (1) 2x6 DF TOP PLATES - NO SPLICE @ END WALLS.
18. TRIM: 2X10
19. NAILS: 16D @ 12" o.c.
20. NAIL:16D @ 8" O.C.
21. HEADER: 4X12 D.F.#2
22. 3/8 CD PLYWOOD
23. SUSPENDED CEILING
24. 
25. PLYWOOD FILLER
26. RIM RAFTER: 2x10
27. 
28. 2X4 NAILER
29. BOLTS: 5/8" DIA. M.B. SEE ROOF FRAMING PLAN FOR LOCATION
30. TRUSS @ RIDGE SEE SHEET 6
31. HANGER: SIMPSON LB210
32. MODULE LINE
33. DOUBLE 2x10 RAFTER
34. MOD TIE STRAP- 2 1/2"x 1/8" STRAP W/(12) 16d BOX
35. 
36. PLYWOOD FLOOR SHEATHING: 1 1/8" T&G STURDIFLOOR APA PS1-83 EXP. 1 ALL PLIES TO BE WOOD
37. SILL PLATE: 2X4 CONT.
38. Z-METAL STRIP: 3/4 x 26 Ga. X 5/8 X 3/4 x 26 Ga.
39. C 6"x3"x12ga
40. SIMPSON U210 JOIST HANGER
41. NAIL: 8D @ 12" o.c.
42. 2x10 BLOCKING
43. STEEL STRAP: 2 1/2" X 1/8" W/(2) 5/8" BOLTS
44. BOUNDARY NAILING
45. STUDS: (3) 2x4 DF MIN.
46. H.V.A.C. UNIT: WEIGHT 475# TYP.
47. DOUBLE 2X4 W/16D BOX NAILS 8' O.C.
48. HOLD-DOWN W/ (2) 5/8" BOLTS
49. L 1 1/2 X 1 1/2 X 1/8" X 18" LONG ATTACH TO A.C. W/4-#10 SELF-TAPPING GALV. S.M.S. & TO 2X4 FLAT W/(4) 5/16" X 2 1/2" LAG SCREWS.
50. STEEL PLATE: 2"x2"x1/4" WELD @ TOP FLANGES OF M8x6.5 BEAM
51. 
52. HEADER: 4x8 DF #2
53. TRIM: 1X4
54. HOLLOW METAL FRAME: 16ga W/LOCK-IN ANCHORS, 8d BOX TO STUDS
55. DOOR.
56. KING STUDS: 2-2x4 FULL HEIGHT (4) @ WINDOWS;(3) @ MOD LINE;(2) @ DOORS
57. TRIMMER: 1- 2X4
58. DOOR BOTTOM.
59. ALUMINUM THRESHOLD W/(3)3/16"x1 3/8" F.H.W.S.
60. RAMP, SEE SHEET 12
61. G.I. FLASHING.
62. LAG SCREWS:(6) 3/8" X 2"
63. 2X6 BLOCK
64. STEEL SUPPORT BRACKET SUPPLIED BY H.V.A.C. UNIT MANUFACTURER (11ga x 24")
65. PREFINISHED WOOD TRIM
66. DOUBLE 2X4 SILL
67. INSULATION: R-11 KRAFT FACED OVER NYLON MESH
68. 
69. 
70. TOENAIL: 16d @ 12" O.C.
71. SOFFIT: 3/8" PLYWOOD SIDING NO GROOVES
72. PRE-FINISHED PANELING
73. R-11 KRAFT FACED INSULATION
74. 4" ROUND VENT
75. SEALANT
76. 3"x3"x1/4" ANGLE
77. C 6"x2 1/2"x14ga
78. 2"x2"x3/16" ANGLE BRACE FROM SIDE BEAM TO END BEAM @ HOLD DOWN LOCATIONS
79. 2x6 DF NAILER CONT. @ PERIMETER
80. WINDOW: 6'-0"x4'-0" XOX SEE SPECS, SHEET 8
81. FIRE EXTINGUISHER-MOUNT ON WALL BRACKET @ 48" A.F.F. MAX
82. NOT USED
83. 20 Ga.x3/4"x18" LONG STRAP w/ (4) 10d BOX Ea. END (2x10 BLOCK TO 2x4 STUD)
84. 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Ea. END (4x HEADER TO 2x4 STUD)
85. SILL CONNECTION @ END WALL SHEAR PANELS ONLY: PNEUTEK 34325L @ 6" O.C. & 6" MAX. FROM END OF ANY PIECE.
86. 
87. 2" ROUND VENT
88. (2) 2x4 TRIMMER @ 8' OPENING
89. M8x6.5
90. (2) 2x4 D.F. Nailer Cont. @ Perimeter.

* SOME ITEMS SHOWN ABOVE MAY NOT BE SHOWN ON THIS SHEET

STATE OF CALIFORNIA
Department of General Services
MAY 17 1996
Division of the State Architect
Regulation Services-Sacto

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024

design systems
P.O. Box 367
Patterson, California
95363
(209) 892-6298

Approval: Structural Engineer
REGISTERED PROFESSIONAL ENGINEER HOWARD UNGERMAN No. 776 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-92

Approval: Structural Safety
IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 17 1990
Structural Safety Section
Appl. # 02-122123
Checked By PC147 CECINZ

Approval: Fire Marshal
CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
REVIEWED BY
10/17/90

Approval: Access Compliance
OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE
PC147 OCT 17 '90
APPLICATION NO. 102
PER W. Jas Boles

75 MPH EXP. 'C'
24x40 CLASSROOM
60 PSF SNOW LOAD

ROOF FRAMING PLAN & DETAILS

Architect:

Paradise USD
DATE: 3/21/96
JOB: 3594

| Drawn | Sheet |
|---|---|
| WS | 7 |
| Scale: NOTED | Of Sheets |
| Date: 6-22-90 | |
| Job: 60SL | |

T & H # 95134.4
INCREMENT No. 2

FILE NAME: 60SL7

GENERAL REQUIRMENTS:

The classroom building specified herein shall be a structure with a minimum of 960 feet, nominal, transportable to the site with a maximum of two (2) modules. The modules shall require the use of special trailers. The modules shall not exceed the maximum dimensions for shipment on public roads as prescribed by California State Law.

LIVE LOADS

Floor load* ---------- 50 lbs. per square foot /1000 # concentrated
Roof load ---------- 60 lbs. per square foot SNOW
Wind load ---------- 75 Mph. Exp. 'C'
Seismic ---------- Zone 4 (Seismic factor shall be .13S as per OSA Requirments.)

*OPTIONAL TOPSF W/ PARTITIONS

INSPECTIONS AND CODES:

The classroom shall be designed to meet the applicable requirements of the following codes:

| | | |
|---|---|---|
| CALIFORNIA CODE OF REGULATION | TITLE 19 | (STATE OF CALIFORNIA |
| CALIFORNIA CODE OF REGULATION | TITLE 21 | 1989 AMENDMENTS |
| CALIFORNIA CODE OF REGULATION | TITLE 24 | TO 1988 U.B.C.) |
| California Building Code | (CBC) | |
| California Mechanical Code | (CMC) | |
| California Plumbing Code | (CPC) | |
| California Electrical Code | (CEC) | |

The building shall be constructed and installed in strict accordance with the plans and specification as approved by a California Licensed Structural Engineer and/or Architect and Office of State Architect.

In accordance W/ TITLE 24, Third party inspection shall be made on all work performed in the manufacturing plant. The inspection entity shall be approved by the Office of State Architect and employed by the District.

Provisions will be made for entry to classroom for the handicapped in accordance with Title 24, California code Of Regulations and Office of State Architect.

FOUNDATIONS:

Foundations shall be as shown on drawings and/or as required by site conditions. Treated lumber foundations shall be provided.

CEILINGS

(b) Ceiling Notes. The following notes will be acceptable in plans and specifications for ceiling systems whose total weight including air conditioning grilles and light fixtures does not exceed four (4) psf. Heavier systems and those supporting lateral loac: form partitions will require special design details:

(1) 12 ga. (min.) hanger wires may be used for up to and including 4'0" x 4'0" grid spacing along main runners.

(2) Provide 12 ga. hanger wires at the ends of all main and cross runners within 8" from the support or within 1/4 of the length of the end tee, whichever is least, for the perimeter of the ceiling area. End connections for runners which are designed and detailed to resist the applied horizontal forces may be used in lieu of the 12 ga. hanger wires subject to OSA/SSS or OSHPD review and approval.

(3) Provide trapeze or other supplementary support members at obstructions to main hanger spacing. Provide additional hangers, struts or braces as required at all ceiling breaks, soffits or discontinuous areas. Hanger wires that are more than 1 in 6 out of plumb are to have counter-sloping wires.

(4) Ceiling grid members may be attached to not more than 2 adjacent walls. Ceiling grid members should be at least 1/2 inch free of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free and a minimum of 1/2 inch clear of wall.

(5) At the perimetar of the ceiling area where main or cross runners are not connected to the adjacent wall, provide interconnection between the runners at the free end to prevent lateral spreading. A metal strut or a 14 ga. wire with a positive mechanical connection to the runner may be used. Where the perpendicular distance from the wall to the first parallel runner is 12" or less, this interlock is not required.

(6) Provide sets of four 12 ga. splayed bracing wires oriented 90 degrees from each other at the following spacing:

(A) For school buildings, place sets of bracing wires at a spacing not more than 12 feet by 12 feet on center.

(C) Provide bracing wires at locations not more than 1/3 the spacings given in (A) and (B) above from each perimetar wall and at the edge of vertical ceiling offsets for both school and hospital buildings.

The slope of these wires should not exceed 45 degrees from the plane of the ceiling and should be taut without causing the ceiling to lift. Splices in bracing wires are not to be permitted without special OSA/SSS or OSHPD approval.

(7) Fasten hanger wires with not less than 3 tight turns. Fasten bracing wires with 4 tight turns. Make all tight turns within a distance of 1-1/2 inches. Hanger or bracing wire anchors to the structure should be installed in such a manner that the direction of the wire aligns as closely as possible with the direction of the forces acting on the wire. MotorWire turns made by machine where both strands have been deformed or bent in wrapping can give the lit requirement, but the number of turns should be maintained, and be as tight as possible.

(8) Separate all ceiling hanging and bracing wires at least 6 inches from all unbraced ducts, pipes, conduit, etc. It is acceptable to attach lightweight items, such as single electrical conduit not exceeding 3/4" nominal diameter, to hanger wires using connectors acceptable to OSA/SSS or OSHPD.

(9) When drilled-in concrete anchors or shot-in anchors are used in reinforced concrete for hanger wires, 1 out of 10 must be field tested for 200 pounds of tension. When drilled-in concrete anchors are used for bracing wires, 1 out of 2 must be field tested for 440 pounds in tension. Shot-in anchors in concrete are not permitted for bracing wires. If any shot-in or drilled-in anchor fails, see Section 2424(d) Title 24. NOTE: Drilled-in or shot-in anchors require special OSA/SSS or OSHPD approval when used in prestressed concrete.

(10) Attach all light fixtures to the ceiling grid runners to resist a horizontal force equal to the weight of the fixtures.

(11) Flush or recessed light fixtures and air terminals or services weighing less than 56 pounds may be supported directly on the runners of a heavy duty grid system but, in addition, they must have a minimum of two 12ga. slack safety wires attached to the fixture at diagonal corners and anchored to the structure above. All 4 ft. x 4 ft. light fixtures must have slack safety wires at each corner.

All flush or recessed light fixtures and air terminals or services weighing 56 pounds or more must be independently supported by not less than 4 taut 12 ga. wires each attached to the fixture and to the structure above regardless of the type of ceiling grid system used.

The 4 taut 12 ga. wires including their attachment to the structure above must be capable of supporting 4 times the weight of the unit.

(12) All fixtures and air terminals or services supported on intermediate duty grid systems must be independently supported by not less than 4 taut 12 ga. wires each attached to the fixture or terminal and to the structure above.

(13) Support surface mounted light fixtures by at least two positive devices which surround the ceiling runner and which are each supported from the structure above by a 12 ga. wire. Spring clips or clamps that connect only to the runner are not acceptable.

Provide additional supports when light fixtures are 8 feet or longer.

(14) Support pendant mounted light fixtures directly from the structure above with hanger wires or cables passing through each pendant hanger and capable of supporting 4 times the weight of the fixture. (See also Note 10, paragraph (b)). Special details are necessary for this condition at the ceiling grid.

MATERIAL SPECIFICATIONS:

The following material specifications are to insure a minimum acceptable quality level of materials used in the construction of the classroom. The term "Approved Equal" shall apply to brand names used and the burden of equality shall be borne by the contractor and approved by the Agency Architect, OLA., & Procurement.

WOOD FOUNDATION:

NOTE: ONLY THOSE WOOD FOUNDATION MEMBERS IN CONTACT WITH GRADE SHALL BE PRESSURE TREATED, UNLESS OTHERWISE NOTED IN THE BID SPECIFICATIONS. * SHALL BEAR THE AWPB STAMP.

.01 Foundation Sills: Foundation grade redwood or pressure treated Douglas Fir # 2 or better,as required on drawing.Each piece of pressure treated wood shall bear the A.W.P.B. stamp.

.02 Stringers or Blocking: Douglas fir,Hem fir as indicated on drawings.

.05 Welding: As per American Welding Society Requirements for sheilded electric-arc process. Welding to be performed by operators qualified by tests acceptable to Office of State Architect.

.06 Shop Point: All steel to be coated with a minimum of one shop coat of red oxide primer.

CARPENTRY:

.01 Lumber: Materials to be stamped by an approved grading agency in accordance with West Coast Lumber Inspection Bureau Rule # 16.

.02 Plywood: To be marked by approved inspection agency in accordance with Product Standard P.S. 1-83 for softwood plywood.

.03 Studs: Doug Fir # 2 better grade, kiln dried. or Machine Rated 1650f-1.5E

.04 Plates: Doug Fir # 2 or DF Machine Rated 1650f-1.5E

.05 Headers: Doug Fir # 2 or better. or Machine Rated 1650f-1.5E DF

.06 Roof Decking: 1/2" CD plywood, group 1 or 2, 5 ply, Exposure 1.

.07 Floor Decking: 1 1/8" underlayment grade plywood, group 1 or 2 Sturdi Floor. Alls plys to be wood.

.08 Exterior Sheathing: 5/8" Type 303 Plywood Siding.

.09 Trim: Windows, Doors, Corners 1 x 4 roughsawn D.F. , H.F. or spruce.

.10 Building Paper: Kraft, under siding.

.11 Soffit 3/8" Min. Plywood siding, textured, no grooves.

EXTERIOR FINISH:

.01 Primer: Wood Back primed, Kelly Moore #250 Arcylic Sealer Primer.

.02 Exterior Wood: Acrylic latex, Flat.

.03 Exterior Metal: Acrylic latex. Flat.

.04 Doors & Frome: Factory Pre-Finished.

INTERIOR FINISH:

.01 Interior Wall Finish: Vinyl wrapped Fir-Tex tackboard Class 'C', installed with glue and color head fasteners as required. Class III flame spread. Max. smoke density: 450

.02 Interior Wall Backing: 3/8" CD plywood.

.03 Floor Finish: Direct glue down carpet. or 3/32" to 1/8" VC tile.

.04 Ceiling Grid: Minimum Heavy Duty classification per ASTM C635.

.05 Ceiling Tile: 2' x 4' lay in tile, fissured pattern 5/8" thick, class A, flame spread 0-25. Max. smoke Density 450

.06 Finish Ceiling Height: 8'-6" from sub floor

INSULATION:

NOTE: All insulation shall conform to section 1713(c), California building code.

.01 Wall: R-11 3 1/2" Fiberglass,Kraft faced vapor barrier.

.02 Roof: R-19 Fiberglass,unfaced.

.03 Floors: R-11 3 1/2" Kraft faced vapor barrier.

ROOFING:

.01 Roofing: 30gs Mtal galvanized standing seam over base sheet of 30# roofing felt. ROOFING SHALL CONFORM TO CBC. SEC. 3208 AS CLASS "B" (MINIMUM)

SHEET METAL:

.01 Sheet Metal: 26 gauge galvanized,unless otherwise noted on drawings.

HOLLOW METAL DOORS AND FRAMES:

.01 Doors: 3'-0" x 6'-8" type L full Flush, 18 gauge, 1 3/4" thick. ALTERNATE: 3'-0"x7'-0"x1 3/4"

.02 Frames: 16 gauge, cold rolled, 2" faces knock down type.

FINISH HARDWARE AS PER BID:

.01 Butts: 1 1/2 pair-Hagar 4 1/2 x 4 1/2 NRP "E"

.02 Lockset: 1 Schlage olympiad D70 pd x 626 "E" Keyway. or PDO SX series 148 function (lever handle, classroom function)

.03 Closer: Norton 8501BF 8.5 LBS EXT. MAX. LCN 4040 ANTIBENTE

.04 Threshold: Pemko 272, ½" MAX HEIGHT INCLUDING ¼" VECT. HEIGHT MAX *LEVER HANDLES ON ALL APPLICATIONS

.05 Door Bottom: 1 Pemko 216AV

.06 Weatherstrip: Pemko 299A or Integral weatherstripping.

WINDOWS & GLAZING:

.01 Window: Aluminum slider 8'-0" x 4'-0" xox anodized finish.

.02 Glazing: Tinted glass.

MECHANICAL:

.01 Air Conditioner: 3 1/2 ton wall mounted heat pump.
1. Intertherm pwy-042 KAVX08 ALT: BARD WH4040A54
2. BARD 45 WHI-A08CD004 GAS/ ELECTRIC.
3. MARVAIR AVP 42 HPA-085
4. SUN MANUFACTURING HVA 42-1-08

.02 Distribution System: Flexible Ducting. ~~Runs shall not exceed 7'-0" in length.~~

OPTIONAL SUPPLY REGISTERS AND DUCTED SUPPLY AIR.

Factory-made Air ducts. Factory-made air ducts shall be approved for the use intended or shall conform to the requirements of C.M.C. Standard No. 10-1. Each portion of a factory-made air duct system shall be indentified by the manufacturer with a label or other suitable identification indicating compliance with C.M.C. Standard No. 10-1 and its class designation. These ducts shall be listed and shall be installed in accordance with the terms of their listing.

Material exposed within ducts or planums shall have a flame-spread rating of not more than 25 and a smoke-developed rating of not more than 50.

Insulation applied to the exterior surface of the ducts located in buildings shall have a flame spread of not more than 25 and a smoke density of not more than 50 when tested as a composite installation including insulation, facing materials, tapes and adhesives as normally applied.

Supply Air Registers: Shoemaker 104 T-bar or equal.

.04 Return Air Registers: Shoemake 104 T-Bar w/ Optional parallel blade damper.
Alternative mahufacturers:
1. Air-mate
2. Krueger

.05 Thermostat: White Rodgers 1F92 Electronic Programmable thermostat.

ELECTRICAL:

.01 Code: Work to comply with California Electrical Code, 1978 Edition.

.02 Wire: All work to be Type NM-b cable (Romex) except fire alarm system see specialties below. Conduit is optional.

.03 Conductors: Copper for sizes #12 to #6. Type THHN

.04 Receptacles: Leviton specification grade or equal.

.05 Clock Receptacles: Leviton 688-1 15 amp specification grade.

.06 Switches: Leviton Specifaction grade or equal.

.07 Lighting Fixtures:
A Interior: recessed light with 4 cool white bulbs, energy savings ballast.
ALT ELECTRONIC BALLASTS 4 T8 LAMPS

.B Exterior: Failsafe IEO-IBP

.08 Distribution Panel: Wall mounted with hinged lockable doors and index card. NEMA 3R

.09 Lighting and Switching: Will comply with Energy Commission requirements for new non-residential buildings.

SPECIALTIES:

.01 Fire Alarm Systems: Shall meet the requirements and appoval of the State Fire Marshal.

.02 Pull Station: J-Box and Conduit ONLY provided.

.03 Alarm Horn: J-Box and Conduit ONLY provided.

.04 Fire Extinguisher: 2A10BC U.L Rated.

.05 Overhangs: 5 foot at front 2 foot at rear of classroom.

.06 Chalkboards: * 4' x 16' (2 - 4' x 8' Joined) with chalk tray & map rail.
Acceptable Manufacturers:
1. Tri Best (as submitted)
2. Chatfield-Clarke Co.
3. Nelson Adams Co.

* NOTE: CHALKBOARD IS AN OPTIONAL ITEM.

.07 TOILET ROOM: PROVIDE J-BOX AND CONDUIT ONLY FOR STROBE LIGHT (TOILET ROOM IS AN OPTIONAL FEATURE)

PLYWOOD SHEAR WALL & DIAPHRAGM MACHINE NAILING NOTES

1) Nails shall be full headed, uncoated type, common wire or box nails as specified with spacing as shown on the structural drawings.
2) Minimum edge distance of nail from edge of plywood and framing shall be 3/8" for 2x framing. For 3x and thicker framing edge distance for framing shall be a minimum of 3/4" . Edge distances shall be measured at the surface between the plywood and backing. The plywood joint shall be centered over a single member.
3) Where slant nailing is used, slope of nails shall be no greater than 1 in 6 with respect to a line at right angles to the plywood.
4) Overdriving of nails so that the heads cut the outer veneer is not allowed.
5) Underdriving of nails shall be corrected by hand nailing .
6) Nails driven so as to miss the bearing ('shiners') shall be removed and correctly driven substitute nails provided.
7) If any framing members, blocking or joists, receiving the points of the nails are damaged (split, nail holes too close, etc.) they shall be removed and replaced.
8) Only 3/8", or greater, thickness of plywood may be machine nailed.
9) Machine nailing may only be used where the back side can be inspected for 'shiners'.
10) All corrective nailing shall be done by hand nailing.
11) "(c) Plywood Diaphragms. Table No. 2-25-H,25-K-I used for the design of horizontal and vertical plywood diaphragms except that unblocked plywood diaphragms shall not be used for vertical diaphragms. Plywood shall be applied directly to wood members. Use of machine nailing is subject to a satisfactory jobsite demonstration for each project and the approval by the project Architect or Structural Engineer and the Office of the State Architect.The approval is subject to continued satisfactory performance. Machine nailing will not be accepted in 5/16" plywood. If nailheads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained the performance will deemed unsatisfactory".
[from Title 24, sect. 2513 (c)]

NOTE:

The fire alarm system shall conform to California Electrical Code Article 760, California Building code, section 809.

Installation of the fire alarm system shall not be started until detailed plans and specifications,including State Fire Marshall listing numbers for each component of the system have been approved by The State Fire Marshal, OSA.

Upon completion of the installation of the fire alarm system a satisfactory test of the entire system shall be made in the presence of the enforcing agency.

Fire Blocksshall be provided in accordance with California Building, Code, 2516(f).

SPECIFICATIONS:
1. PLUMBING: ALT. ABS
2. ELECTRICAL: ALT. MC CABLE

STRUCTURAL NOTES

I. STEEL

A. FABRICATION AND WORKMANSHIP shall conform to the AISC Specification for the design, fabrication, & erection of Structural Steel for Buildings" 1978 edition.and Title 24 C.B.C.
B. STRUCTURAL STEEL shall conform to ASTM A-36. Steel tubing ASTM A 500 Grade B.
C. LT. GA. STEEL shall conform to ASTM A-570 Gr. 33 (see drawings). Elements shall not deviate more than 5% from normal U.S. Gage. (Fy= 33 Ksi min.) 10Ga.-0.1345" 12Ga.- 0.105" 14Ga.- 0.074"
D. MATERIAL TESTS shall be tested in ac- cord with Title 24, State of California Administra- tive code section 2727(c)2 & 1988 edition UBC. Mill certificate or testing required on lt. ga. joist ,truss angles, I beams. See testing and inspection, sht. C

II. WELDING: Structural welding shall be by the "Electric Arc Process" per AWS Code, and shall be performed by "Certified Welders with E70XX welding inspection comply with Title 24 section 2727(e) and welds shall comply with Title 24 section 2714.

III. BOLTS: Common bolts shall conform to ASTM A 307.

IV. LUMBER:

A. FRAMING: All framing shall be grade marked by an approved grading agency. West Coast Lumber inspection Bureau (WCLIB) Rule 16 and Western Wood Product Assoc. (WWPA)Framing lumber shall be marked S-DRY or MC-15 SEE SPECIFICATIONS, "CARPENTRY"

BLOCKING: Doug. fir. #3 & Better.
RAFTERS: Doug. fir #2

B. PLYWOOD: All panels shall be grade marked and shall bear "APA treadmark" legibly applied. All plywood shall be grade marked in accord with PS 1-83. All structural plywood shall have ext- erior glueAll plies shall be wood.
FLOOR PLYWOOD: 1 1/8" T&G, 2-4-1, APA PS 1-83, EXP. 1.
ROOF PLYWOOD: 1/2" CDX, APA PS 1-83, EXP. 1.
WALL PLYWOOD (INTERIOR): 3/8" CD, APA PS 1-83.
SIDING PLYWOOD: 5/8" (NOM. 19/32") EXT. SIDING (MDO)

V. NAILING SCHEDULE

A. FRAMING: All nails to be machine applied box nails unless otherwise specified.Joist hanger nails for clips & hangers. Per Manufacturer
NOTE: Use of machine nailing is subject to a satis- faction jobsite demonstration for each project, and the aproval by the Project Architect or Structural Engineer and the Office of the State Architect.
1. Top & bottom plate to stud (3) 16d Box (Sinker) OR (2) 16d COMMON END NAILS
2. Doubled studs, face nail 16d @ 12" o.c.
Built-up studs, face nail 16d @ 12" o.c.
3. Doubled top plates, face nail 16d @ 12" o.c.
4. Top plates, laps & intersection, face nail (6) 16d per side.
5. Continuous header, two plates along ea. edge 16d @ 16" o.c.
6. Blocking nailing: (2) 16d Box toenail Ea. end min.

B. PLYWOOD: SEE SHT. 2 FOR SPECIAL NAILING.
1. Nails spaced @ 6" o.c. @ edges, 12" o.c. @ intermediate supports. For nailing of plywood diaphrams and shear walls refer to section 2513. TITLE 24
1/2" and less 8D
5/8" 6D
2. Use 8d box nails @ non-structural plywood and siding. USE GALV. NAILS WHERE EXPOSED TO WEATHER

VI. LAG BOLT INSTALLATION
A. The lead hole for the shank shall have the same diameter and depth as the unthreaded shank.
B. The lead hole for the threaded portion shall have a diameter equal to 60% of shank and a length at least equal to the threaded portion.
C. The bolt shall be inserted by turning with a wrench, not by driving with a hammer. Soap or other lubricant shall be used.

VII. POWER DRIVEN FASTENERS

A. Pneutek pins as called out on plans same shear value as 10d nail.

PNEUTEK PIN CHART

PNEUTEK FASTENER IDENTIFICATION

EXAMPLE- H 3 2 0 5 0 L
- STRIP TYPE: L-LINEAR T-TAGBREAK AWAY
- SHANK LENGTH: 0.50"=1/2"(13mm)
- NOMINAL SHANK DIA.: 1- .130"(3.3mm) 2- .150"(3.8mm) 3- .160"(4.1mm) 4- .170"(4.3mm) 5- .180"(4.5mm) 6- .210"(5.3mm) 7- .225"(5.7mm)
- HEAD DIA.: 3- 5/16"(8mm) 4- 3/8"(10mm)
- STYLES: H- HELICAL SHANK SD- STEPPED DOWN SHANK

HELICAL SHANK FOR 16-10 Ga STEEL

| FASTENER | SHANK DIA. | SHANK LENGTH | FASTENER | SHANK DIA. | SHANK LENGTH |
|---|---|---|---|---|---|
| H34075 | .170" | 3/4" | H34225 | .170" | 2 1/4" |
| H34100 | .170" | 1" | H34250 | .170" | 2 1/2" |
| H34138 | .170" | 1 3/8" | H34275 | .170" | 2 3/4" |
| H34162 | .170" | 1 5/8" | H34300 | .170" | 3" |

STEPPED DOWN SHANK FOR VERY HARD AND PRESTRESSED CONCRETE AND STRUCTURAL STEEL

| FASTENER | SHANK DIA. | SHANK LENGTH | FASTENER | SHANK DIA. | SHANK LENGTH |
|---|---|---|---|---|---|
| SD32062 | .150" | 5/8" | SD34225 | .170" | 2 1/4" |
| SD32075 | .150" | 3/4" | SD33250 | .160" | 2 1/2" |
| SD32100 | .150" | 1" | SD34250 | .170" | 2 1/2" |
| SD33100 | .160" | 1" | SD33275 | .160" | 2 3/4" |
| SD32125 | .150" | 1 1/4" | SD34275 | .170" | 2 3/4" |
| SD33125 | .160" | 1 1/4" | SD33300 | .160" | 3" |
| SD34125 | .170" | 1 1/4" | SD34300 | .170" | 3" |
| SD33150 | .160" | 1 1/2" | SD34325 | .170" | 3 1/4" |
| FASTENER | SHANK DIA. | SHANK LENGTH | FASTENER | SHANK DIA. | SHANK LENGTH |
| SD42062 | .150" | 5/8" | SD44150 | .170" | 1 1/2" |
| SD42075 | .150" | 3/4" | SD44175 | .170" | 1 3/4" |
| SD42100 | .150" | 1" | SD44200 | .170" | 2" |
| SD43125 | .160" | 1 1/4" | SD44225 | .170" | 2 1/4" |
| SD43150 | .160" | 1 1/2" | SD44250 | .170" | 2 1/2" |

1. ALL ADDENDA AND CHANGE ORDERS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL. OAS MUST APPROVE ALL PLANS, SPECIFICATIONS, CHANGE ORDERS AND ADDENDUMS ALL OF THE ABOVE SHALL BE SIGNED BY THE ARCHITECT, OWENER, MANUFACTURER AND APPROVED BY OSA.
2. ALL WORK MUST COMPLY WITH TITLE 24 AND THE CBC & TITLE 21
3. UNDER FLOOR VENTILATION TO COMPLY WITH TITLE 24 SEC. 2516(c)6
4. FIRE EXTINGUISHER IS A 2A-10BC UL MIN.
5. NO WORK SHALL BEGIN UNTIL OSA APPROVAL IS OBTAINED.
6. BUILDING SHALL BE GROUNDED AT THE SITE PER TITLE 24 & 19
7. MATERIAL TESTING MUST BE DONE BY AN INDEPENDENT TESTING SERVICE EMPLOYED BY THE OWNER AND APPROVED BY THE ARCHITECT.
8. ARCHITECT, INSPECTOR, AND CONTRACTOR MUST FILL OUT VERIFIED REPORT PER TITLE 21.
9. A COPY OF TITLE 21 & 24 SHALL BE KEPT ON JOOSITE AT ALL TIMES. AND COPY OF APPROVED PLANS.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-122123 INC: 0 REVIEWED FOR SS ☑ FLS ☑ ACS ☑ DATE: 3/21/2024

P.O. Box 367
Patterson, California
95363
(209) 892-6298

Approval: Structural Engineer
REGISTERED PROFESSIONAL ENGINEER HOWARD LINDSAY No. 776 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-92

Approval: Structural Safety
IDENTIFICATION STAMP Department of General Services Office of the State Architect OCT 1 1990 Structural Safety Section
Appl. # PC 147 Rackechecked By CEC

Approval: Fire Marshal
CALIFORNIA STATE FIRE MARSHAL APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM THE REQUIREMENTS OF THE APPLICABLE CODES. A COPY OF THESE APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES
REVIEWED BY:

Approval: Access Compliance
STATE OF CALIFORNIA Department of General Services MAY 17 1996 Division of the State Architect Regulation Services-Sacto
OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE
PC 147 OCT 17 '90
APPLICATION PETE W. [illegible]

75 MPH EXP. 'C'
24x40 CLASSROOM
60 PSF SNOW LOAD
SPECIFICATIONS

Architect:

Paradise USD
DATE: 3/21/96 JOB: 3534

Drawn WS
Scale NOTED
Date 7-5-90
Job 60SL
Sheet 8 Of Sheets

Tel # 95242 A
INSPECTION No. 2

FILE NAME: 60SL8

LENDENSOTE

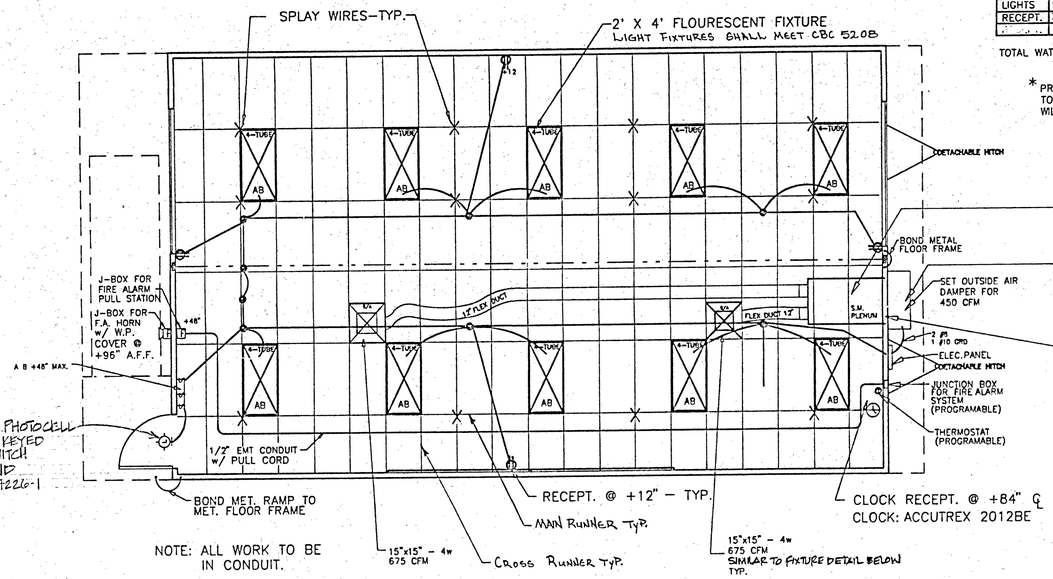
## LOAD CENTER SCHEDULE

120/240V, Ø — 100A MAIN / 125 FRAME

| LOAD | WATTS | BKR. | CT# | CT# | BKR. | WATTS | LOAD |
|---|---|---|---|---|---|---|---|
| LIGHTS | 900 | 1P-20A | 1 | 2 | 2P-60A | 4600 | HVAC * |
| LIGHTS | 900 | | 3 | 4 | | 4600 | HVAC |
| RECEPT. | 720 | 1P-20A | 5 | 6 | | | |
| | | | 7 | 8 | | | |

TOTAL WATTS: 11,720 — 11,720 WATTS ÷ 240V = 48.8 AMPS

* PROVIDE "LOCK OUT" DEVICE FOR 60A BREAKER THIS BREAKER TO BE "HACR" TYPE SUPPLEMENTAL HEATER ON HEAT PUMP WILL NOT BE ON WHEN COMPRESSOR IS RUNNING.

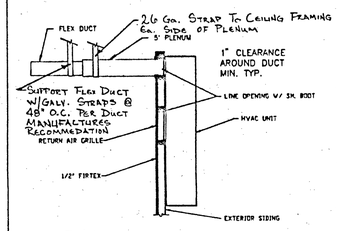



NOTE: ALL WORK TO BE IN CONDUIT.

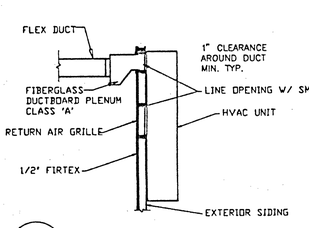
1 / 9 ELECTRICAL/MECHANICAL PLAN — 1/4" = 1'-0"

Notes:

1. HVAC UNIT SIZE & TYPE (HEAT PUMP OR AIR CONDITIONER) MAY VARY. UNIT LISTED IN LOAD CENTER SCHEDULE IS 3½ TON HEAT PUMP
2. RECEPT LOCATION MAY VARY.




2 / 9 SECTION @ H.V.A.C. (OPTIONAL) — 1-1/2" = 1'-0" — SEE 6/9 FOR ALTERNATE DETAIL




6 / 9 SEC. @ HVAC — 1-1/2" = 1'-0"

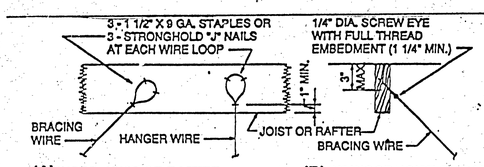
## ELECTRICAL SYMBOLS

SOME SYMBOLS MAY NOT BE USED

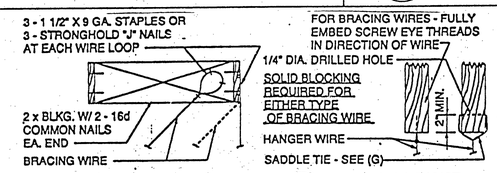
- 120V DUPLEX RECEPTACLE +15" MIN.
- 120V SINGLE RECEPTACLE +15" MIN.
- 220V RECEPTACLE
- 120V DUPLEX WEATHERPROOF RECEPTACLE +15" MIN.
- QUAD. RECEPTACLE +15" MIN.
- FLOOR RECEPTACLE
- TELEPHONE JACK +15" MIN.
- FLOOR TELEPHONE JACK
- SINGLE POLE SWITCH +48" MIN.
- THREE WAY SWITCH +48" MIN.
- FOUR WAY SWITCH +48" MIN.
- DIMMER SWITCH +48" MIN.
- TIMER SWITCH +48" MIN.
- WEATHER PROOF SWITCH +48" MIN.
- JUNCTION BOX +48" MIN.(NON-SEALED)
- THERMOSTAT +60" MIN.(SEALED)
- EXTERIOR LIGHT FIXTURE
- ELEC. PANEL
- TV OUTLET LOCATION +12" MIN.
- COMMUNICATIONS OUTLET LOCATION

## MECHANICAL NOTES

1. SEE ARCHITECTURAL DRAWINGS TO COORDINATE THE EXACT LOCATION OF THE AIR CONDITIONING EQUIPMENT & AIR OUTLETS.
2. DUCT SIZES ARE CLEAR INSIDE DIMENSION, ALLOW FOR SOUND LINING THICKNESS.
3. INSULATED FLEXIBLE DUCTS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND WITHOUT SHARP BENDS.
4. ALL NEW H.V.A.C. EQUIP. & COMPONENTS SHALL MEET ALL REQUIREMENTS OF THE CURRENT BUILDING ENERGY STANDARDS FOR THE STATE OF CALIFORNIA.

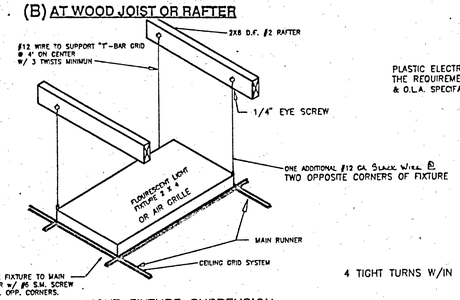



(A) WOOD JOIST OR RAFTER



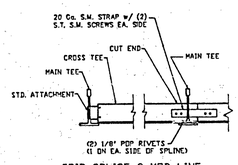

(C) AT WOOD JOIST OR BLOCK — (D) TO BOTTOM OF JOIST

(B) AT WOOD JOIST OR RAFTER




LIGHT FIXTURE SUSPENSION

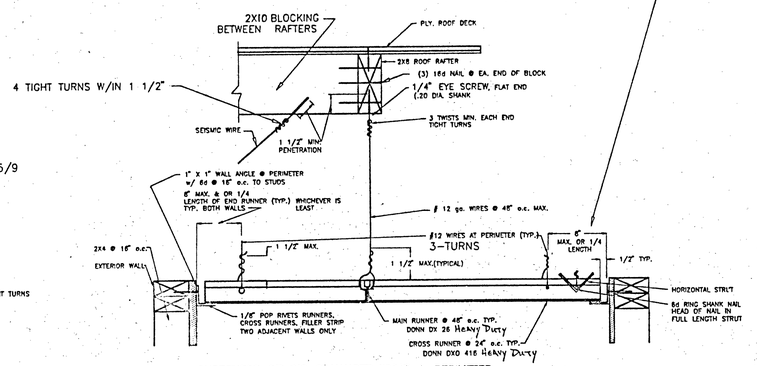
NOTE: LIGHT FIXTURE WEIGHT SHALL NOT EXCEED 56 POUNDS



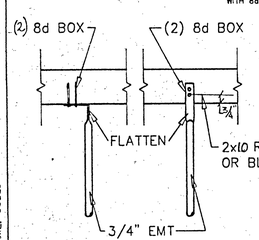

GRID SPLICE @ MOD LINE

PLASTIC ELECTRIC DIFFUSERS MUST MEET THE REQUIREMENTS OF SEC. 5209 , UBC , (1988) & O.L.A. SPECIFACTIONS

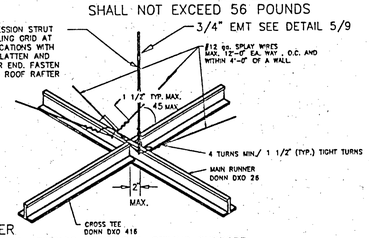
NOTCHING OF HORIZONTAL STRUTS IS PERMITTED ONLY AT INTERSECTIONS WITH RUNNERS OR CROSS "T". NAIL AT ENDS OF HORIZ. STRUTS SHALL BE PLACED WITH HEAD TOWARD C.L. OF SPAN OF STRUT




SUSPENDED CEILING @ HANGER WIRES & PERIMETER




COMPRESSION STRUT @ RAFTER




SEISMIC BRACING & CEILING SUPPORT

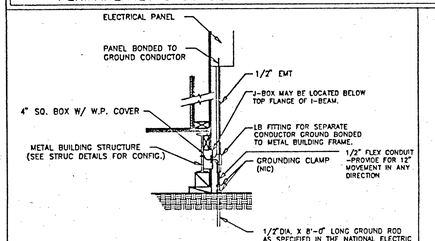
3 / 9 CEILING DETAILS See Sheet 8 For Ceiling Notes — N.T.S.

ALTERNATE CEILING SYSTEM:
CHICAGO METALLIC
MAIN TEE: #200 HEAVY DUTY
CROSS TEE: #1210

## SHEET NOTES

1. GROUNDING ROD, GROUNDING CLAMPS, AND GROUNDING ROD INSTALLATION ARE NOT PROVIDED BY DESIGNED MOBILE SYSTEMS, IND. INC.
2. ALL RECEPTACLES INSTALLED @ +15" A.F.F. TO CENTER OF BOX U.N.O.
3. ALL WORK TO BE IN CONDUIT, 1/2" TRADE SIZE MIN.
4. ALL POWER CIRCUITS SHALL BE GROUNDED PER C.E.C.
5. FIRE ALARM SYSTEM IS CONDUIT ONLY W/ PULL CORD.
6. ALL ELECTRICAL INSTALLATION FOR THE BUILDING AND THE SITE ELECTRICAL SERVICE SHALL BE IN ACCORDANCE WITH THE CEC TITLE 8, TITLE 24 AND 19, CODE OF REGULATIONS, AND LOCAL UTILITY REQUIREMENTS.
7. THE COMPLETE ELCTRICAL INSTALLATION INCLUDING RACEWAYS, FIXTURES, OUTLETS MOTORS, EQUIPMENT ENCLOSURES, AND METAL BUILDINGS SHALL BE EFFECTIVELY AND PERMANENTLY GROUNDED IN ACCORDANCE WITH THE CEC AND CCR, TITLES.
8. ELECTRIC PANEL SUPPLIED IS RATED AT 10,000 AIC. THE ELECTICAL SERVICE SUPPLIED TO THIS PANEL SHALL NOT EXCEED THE PANELBOARD RATING.
9. DESIGNED MOBILE SYSTEMS HAS NO CONTROL OVER SITE ELECTICAL CONDITIONS AND IT IS THE RESPONSIBILITY OF THE SITE ELECTRICAL CONTRACTOR AND/OR SCHOOL DISTRICT TO CONFORM TO ANY REQUIREMENTS LISTED ABOVE NOT IN DESIGNED MOBILE SYSTEM'S SCOPE OF WORK.

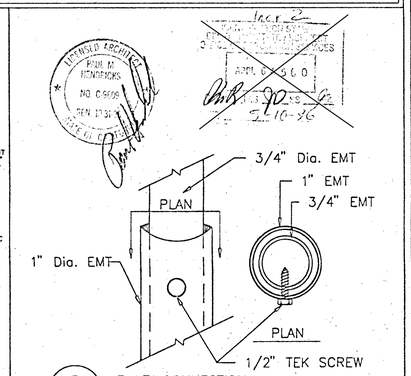
THE H.V.A.C. UNIT FEEDER CIRCUIT BREAKER, FEEDER- PANEL CIRCUIT BREAKER, FEEDER WIRE, UNIT DISCONNECT AND FUSES (WHERE USED)- IS TO BE COORDINATED WITH THE UNIT NAME PLATE DATA AT THE TIME OF MANUFACTURE. H.V.A.C. UNITS HAVING KVA RATING LARGER THEN THAT INDICATED ON THIS PANEL SCHEDULE WILL NOT BE ALLOWED TO BE INSTALLED ON THIS BUILDING. IF 60 DEGREES C. WIRE IS TO BE USED IN THIS INSTALLATION, CALCULATIONS DEMONSTRATING AMPACITY DERATING FOR MAXIMUM ALLOWABLE AMBIENT TEMPERATURE MUST BE PROVIDED ON THE DRAWING.




NOTES:

1. SIZE OF CONDUCTORS SHALL COMPLY WITH C.E.C. TABLE 250-95. & 250-94
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (NEC 250-81) IN ADDITION TO THE DETAIL SHOWN ABOVE, BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10 ft. INTO SOIL IF AVAILABLE (NEC 250-81 & 250-83).
3. ALL MODULES OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING.)
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN, SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (NEC 250-84) TESTING AND ADDITIONAL GROUND RODS N.I.C. TESTING SHALL BE WITNESSED BY THE TESTING FIELD INSPECTOR

4 / 9 SUGGESTED GROUNDING DETAIL — N.T.S. — GROUND ROD TO BE INSTALLED BY DISTRICT




5 / 9 E.M.T. CONNECTION — FULL


IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 02-122123 INC: REVIEWED FOR SS ☑ FLS ☑ ACS ☑ DATE: 3/21/2024



desig
syster
P.O. Box 367
Patterson, California
95363
(209) 892-6296


Approval: Structural Engineer

LICENSE EXPIRES 12-31-92

Approval: Structural Safety


IDENTIFICATION STAMP Department of General Services Office of the State Architect OCT 1990 Structural Safety Section Appl. # PC 147 Checked By


Approval: Fire Marshal


CALIFORNIA STATE FIRE MARSHAL APPROVED REVIEWED BY: DATE: 10-17-90 APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY VIOLATION OF ANY LAW OR REGULATION. APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME


Approval: Access Compliance


STATE OF CALIFORNIA Department of General Services OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE MAY 17 1996 Division of the State Architect Regulation Services-Sacto PC 147 OCT 17 '90 APPLICATION FOR Mod Bldgs EX: 187


75 MPH EXP. 'C'
24x40 CLASSROOM
60 PSF SNOW LOAD

ELECTRICAL/MECHANICAL PLAN

Architect:

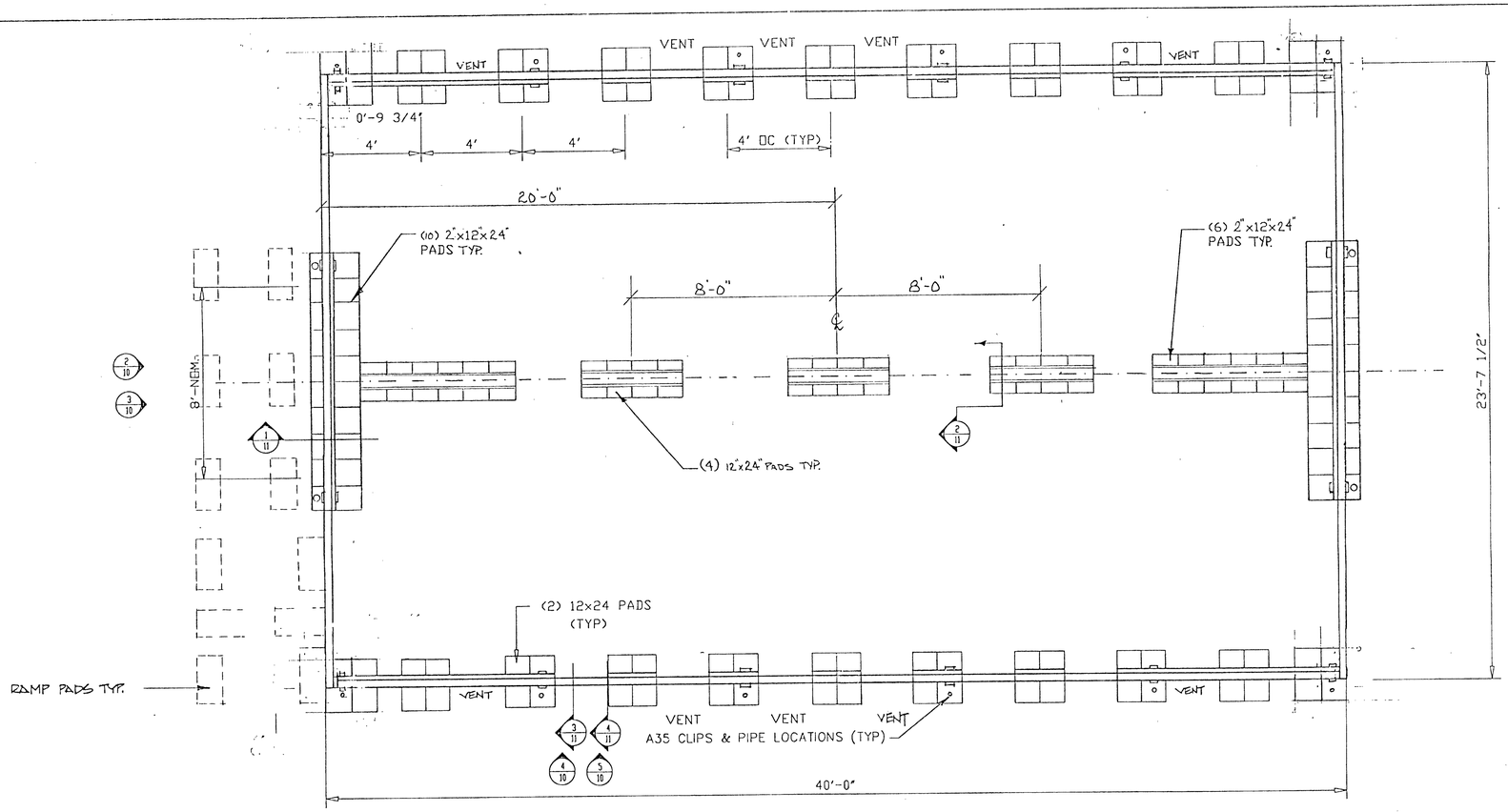
Paradise USD — DATE: 3/21/96 — JOB: 3594

| | |
|---|---|
| Drawn | WS |
| Scale | NOTED |
| Date | 6-22-90 |
| Job | 60SL |

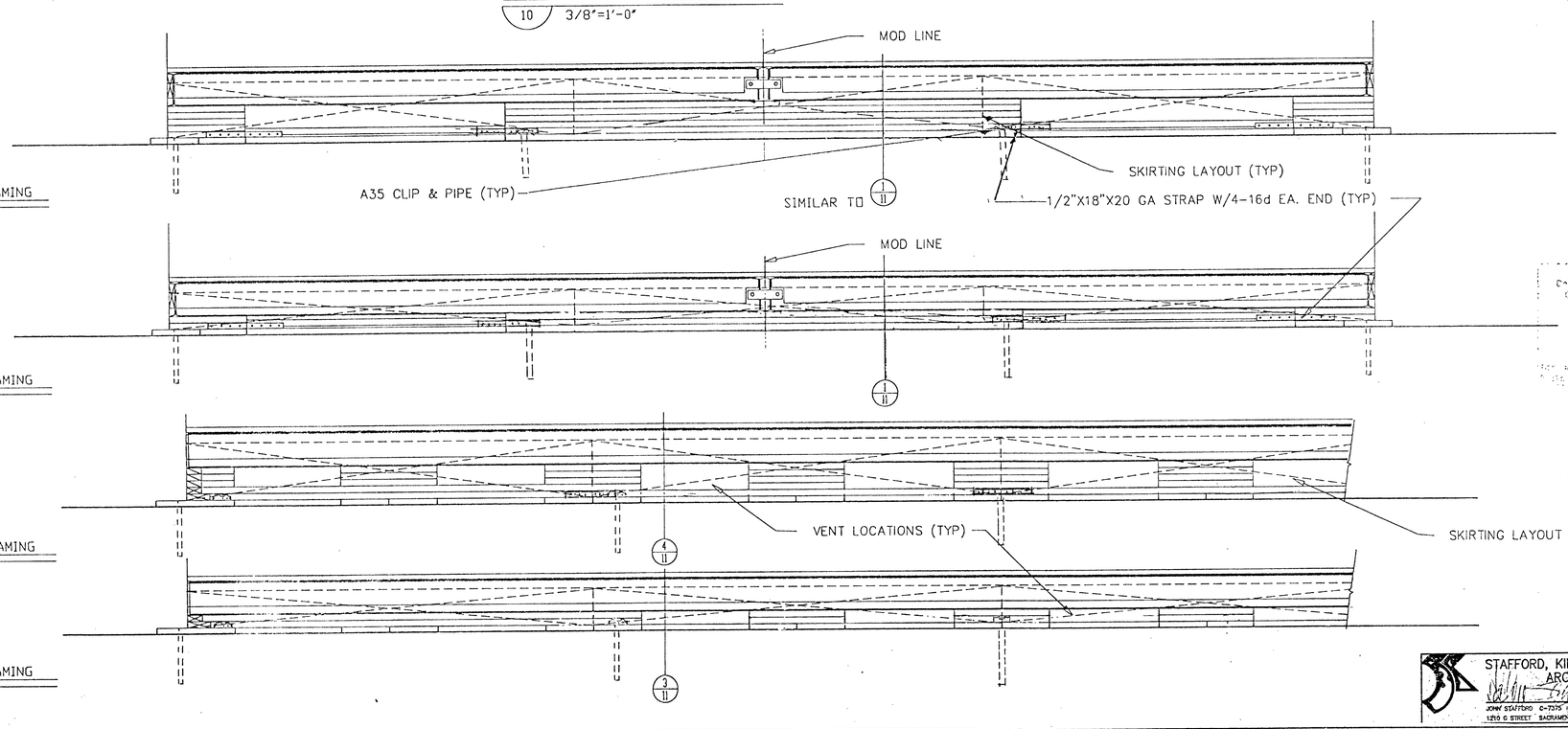
Sheet 9 Of Sheets

T & H 93-2-5 INCREMENT NO. 2

FILE NAME: 60SL9




1/10 FOUNDATION PLAN
3/8"=1'-0"




2/10 RAISED END WALL FDN FRAMING
3/4"=1'-0"

3/10 FOUNDATION END WALL FRAMING
3/4"=1'-0"

4/10 RAISED SIDE WALL FDN FRAMING
3/4"=1'-0"

5/10 SIDE WALL FOUNDATION FRAMING
3/4"=1'-0"

NOTE: 1000 PSF SOIL BEARING PRESSURE ASSUMED PER CBC TABLE 29B
1' MIN PENETRATION OF PIPES INTO GROUND.
PRESSURE TREATED DF APPROVED FOR GROUND CONTACT TO BE UTILIZED @ GROUND CONTACT ONLY.
D.F. 2X MATERIAL & D.F. PLYWOOD SHIMS TO BE USED FOR FINAL LEVEL.
* SKIRTING NAILING:
END WALLS- 8d GALV. 4"OC EDGES,12"OC FIELD
SIDE WALLS (8' FROM CORNERS)- 8d GALV. 6"OC EDGES,12"OC FIELD.
* NAILING AT GROUND CONTACT REQUIRES H.D. 16d GALV.

Total VENT AREA REQ'D. 660 SQ.FT. MIN.

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 17 1990
Structural Safety Section
Appl. # PC147
Backchecked By EKC/ST

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
REVIEWED BY: [signature] DATE 8-6-92

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
5 1992
Structural Safety Section

ACCESS COMPLIANCE SECTION
APPLICATION PER W. JUD BOSS
[illegible]
APPROVAL of the enforcement authority or approval by omission or inaction does not relieve applicant of responsibility for compliance with applicable regulations.
Reviewed By

LICENSED ARCHITECT JOHN STAFFORD No. C7375 EXP. 2-29-92 STATE OF CALIFORNIA

STAFFORD, KING & ASSOCIATES ARCHITECTS
JOHN STAFFORD C-7375 | GORDON KING C-5490
1210 G STREET SACRAMENTO CALIFORNIA (916) 443-4029

designed mobile systems ind., inc.
P.O. Box 367
Patterson, California 95363
(209) 892-6298

Approval: Structural Engineer
REGISTERED PROFESSIONAL ENGINEER HOWARD LINDSAY No. 776 STRUCTURAL STATE OF CALIFORNIA
LICENSE EXPIRES 12-31-92

Approval: Structural Safety

Approval: Fire Marshal

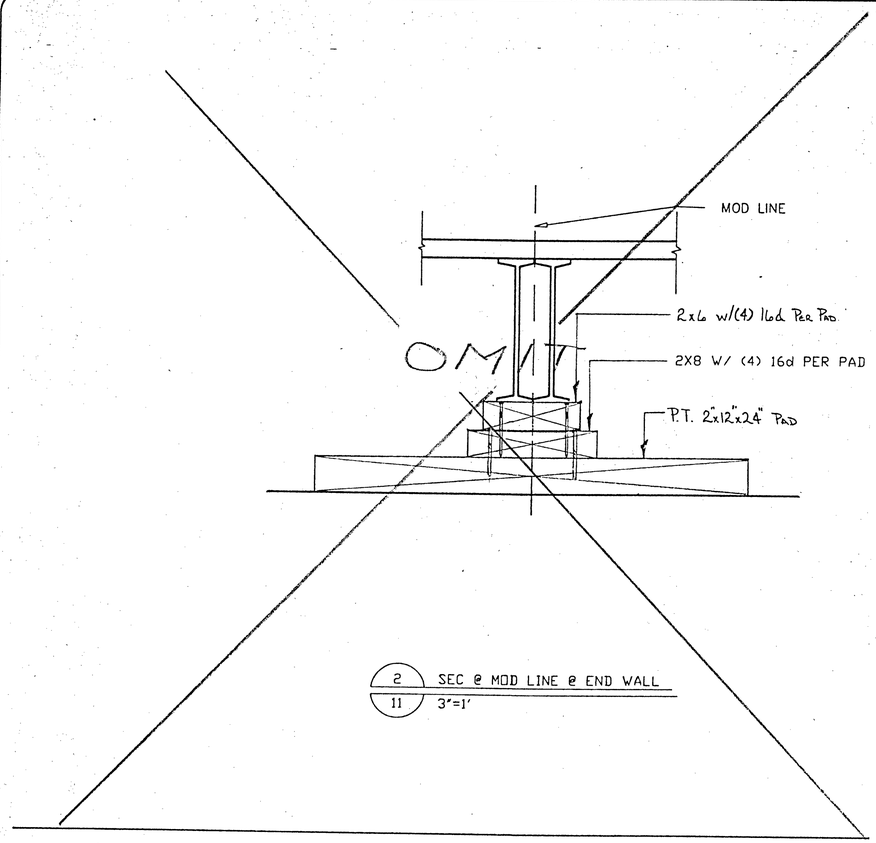
Approval: Access Compliance
OFFICE OF THE STATE ACCESS COMPLIAN...
PC147 OCT 17 '90
APPLICATION PER W. Jud Bosse ED.

75 MPH EXP.'C'
24 x 40 CLASSROOM
60 PSF SNOW LOAD
PARADISE INTERMEDIATE SCHOOL
-PARADISE UNIFIED SCHOOL DISTRICT-
FOUNDATION PLAN

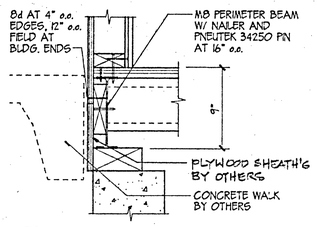
Architect:

| | |
|---|---|
| Drawn | BP |
| Scale | NOTED |
| Date | 6-28-90 |
| Job | 60SL |
| Sheet | 10 |
| Of Sheets | |

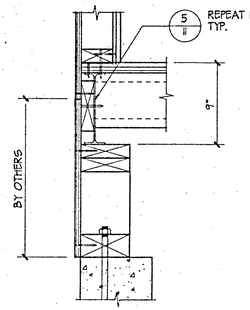
FILE NAME: 60SL10



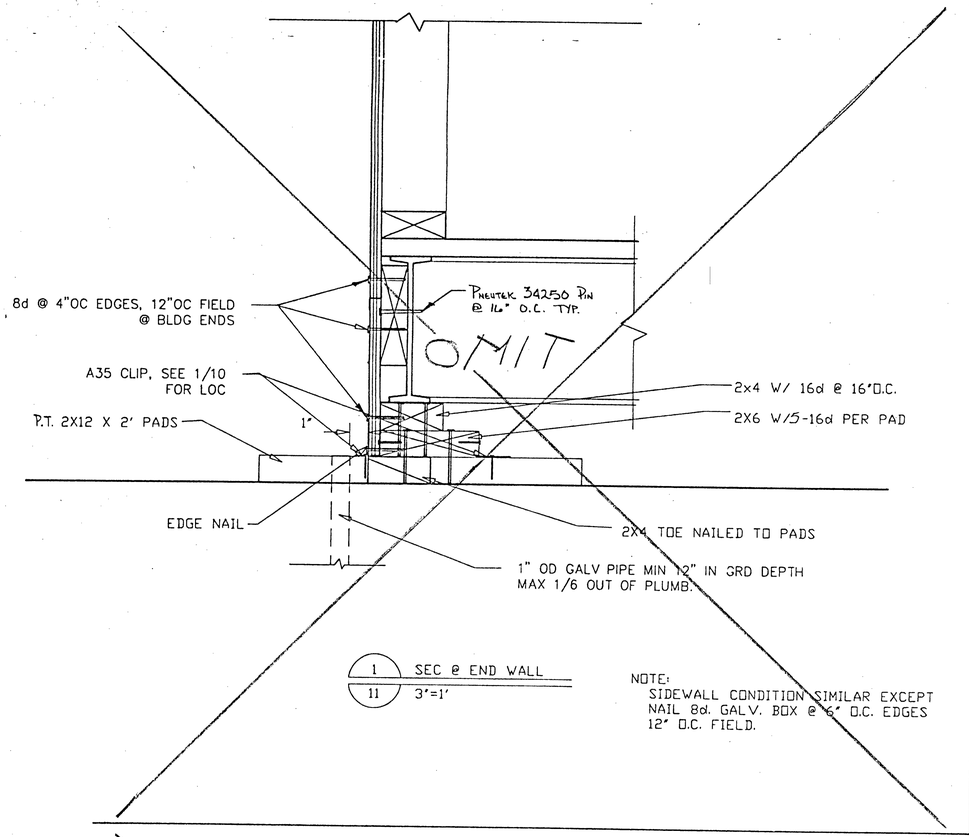

2 / 11 SEC @ MOD LINE @ END WALL
3"=1'




5 / II SECTION AT CONC. WALK
1 1/2" = 1'-0"

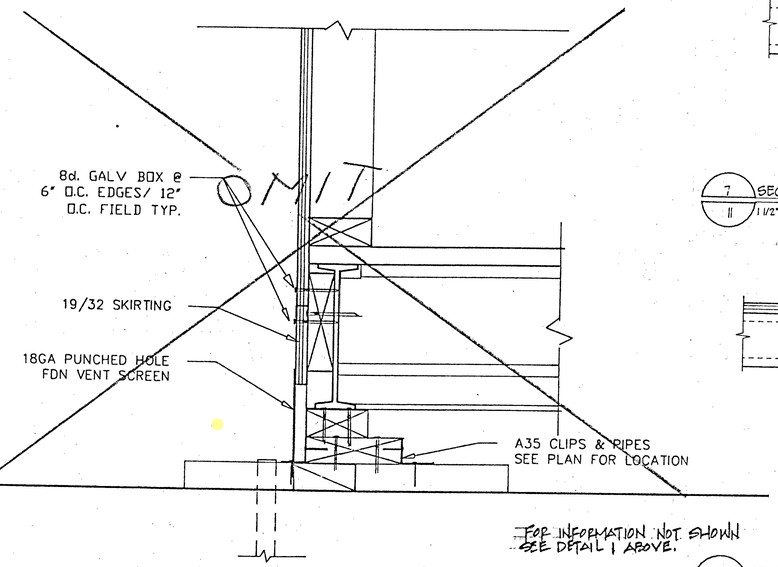



6 / II SECTION @ EXPOSED SIDE & REAR WALLS
1 1/2" = 1'-0"

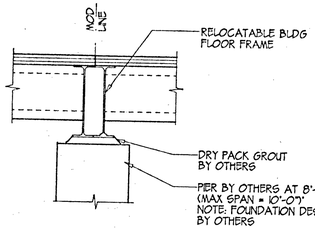



1 / 11 SEC @ END WALL
3"=1'

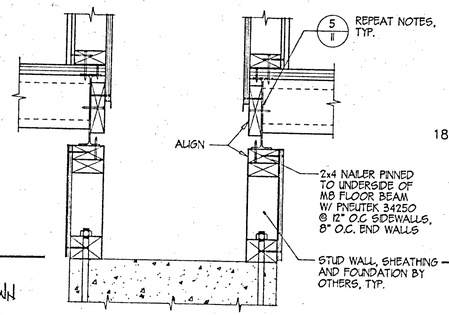
NOTE:
SIDEWALL CONDITION SIMILAR EXCEPT NAIL 8d. GALV. BOX @ 6" O.C. EDGES 12" O.C. FIELD.




3 / 11 SEC @ VENT
3"=1'

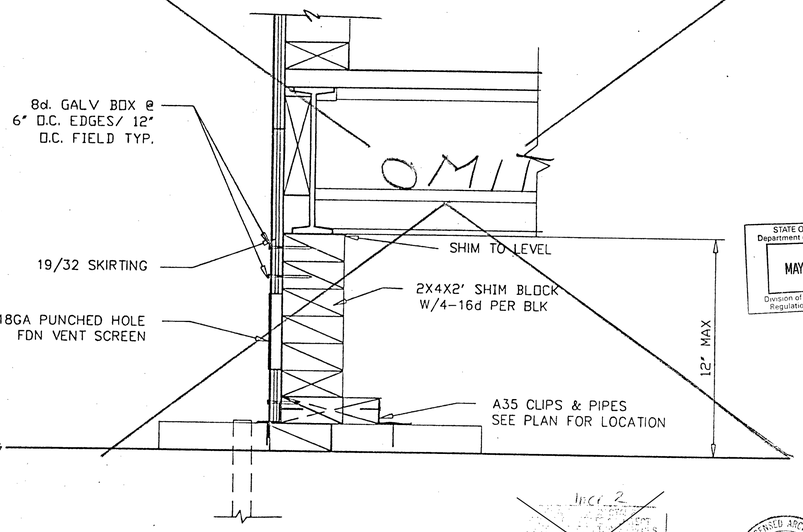



7 / II SECTION @ MOD LINE
1 1/2" = 1'-0"




FOR INFORMATION NOT SHOWN SEE DETAIL 1 ABOVE.

8 / II SECTION @ ADJACENT BUILDINGS
1 1/2" = 1'-0"




4 / 11 SHIMMED SEC @ VENT
3"=1'

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024


P.O. Box 367
Patterson, California
95363
(209) 892-6298


Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER
No. 776
STRUCTURAL
STATE OF CALIFORNIA

LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1 1990
Structural Safety Section
Appl. #
Checked By

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES
REVIEWED BY

Approval: Access Compliance

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
PC 147 OCT 17 '90
APPLICATION NO.

STATE OF CALIFORNIA
Department of General Services
MAY 17 1996
Division of the State Architect
Regulation Services-Sacto

75 MPH EXP. 'C'
24 x 40 CLASSROOM
60 PSF SNOW LOAD

FOUNDATION DETAILS

Architect:

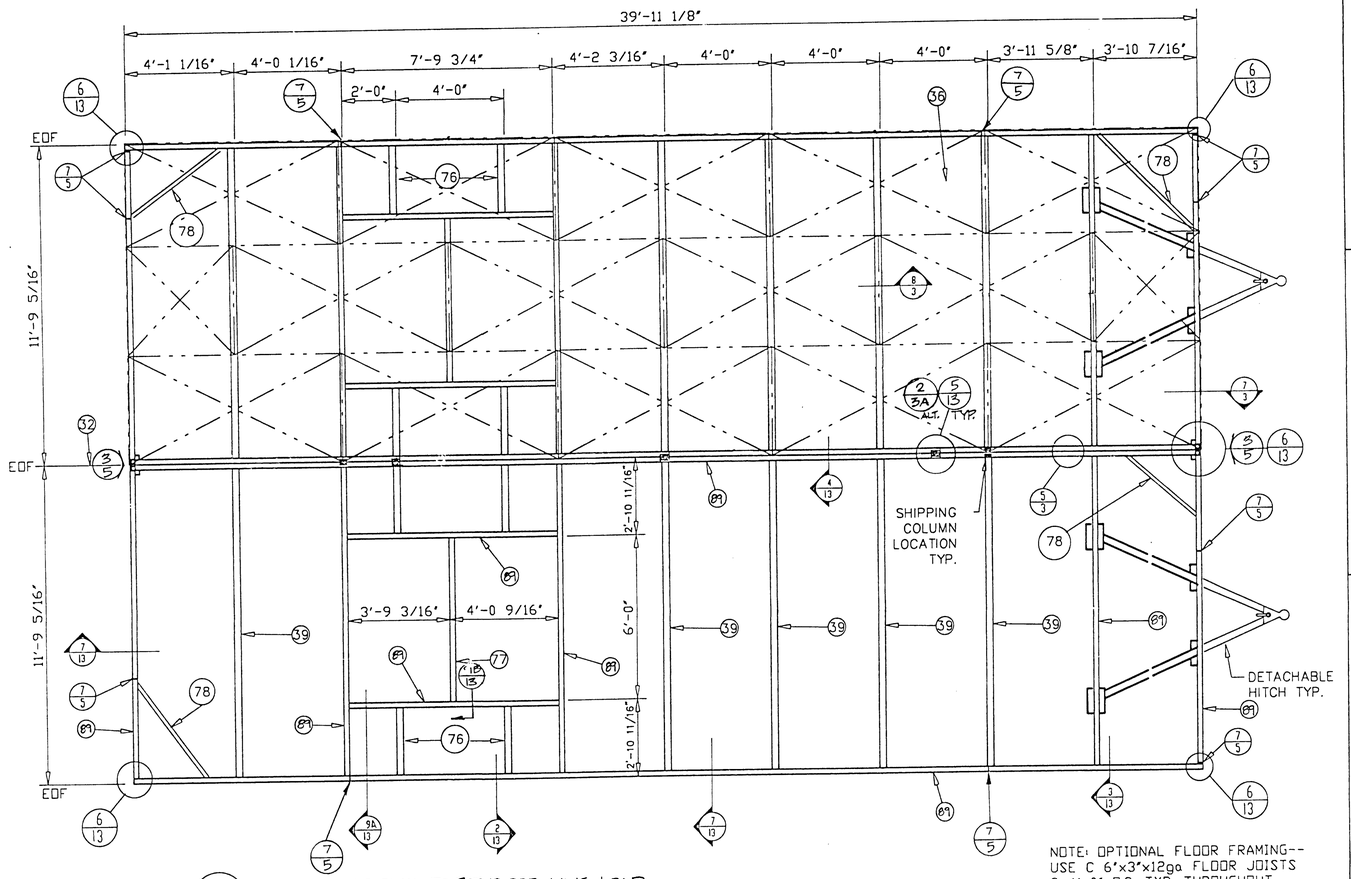
Paradise USD
DATE: 3/21/96 JOB: 3594

| | |
|---|---|
| Drawn | BP |
| Scale | NOTED |
| Date | 6-29-90 |
| Job | 60SL |

Sheet 11 Of Sheets

T-111 #96-12-A
INCREMENT No. 2

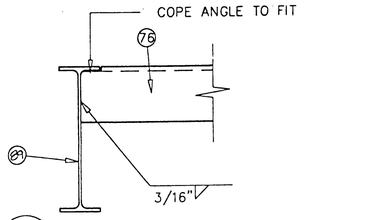
FILE NAME: 60SL11



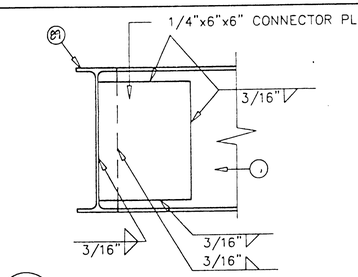

1 FLOOR FRAMING PLAN 50 PSF FLOOR LIVE LOAD
13 3/8"=1'-0"

NOTE: 1. ALL DIMENSIONS TO EDGE OF FLANGE U.N.O.
2. FOR CONCRETE FOUNDATION ONLY SEE SHT 14

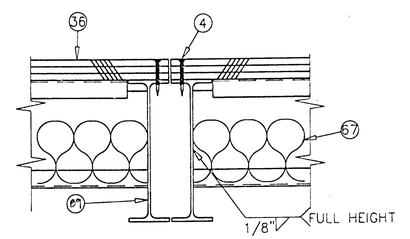
NOTE: OPTIONAL FLOOR FRAMING--
USE C 6"x3"x12ga FLOOR JOISTS
@ 4'-0" O.C. TYP. THROUGHOUT
WITH NO PROVISION FOR AXLES OR
HITCH. FLOOR PERIMETER FRAME
TO REMAIN M 8x6.5 BEAM



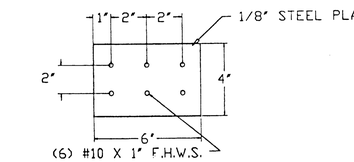

2 FLOOR FRAME TO ANGLE WELD
13 3"=1'-0"




3 FLOOR FRAME TO JOIST WELD
13 3"=1'-0"

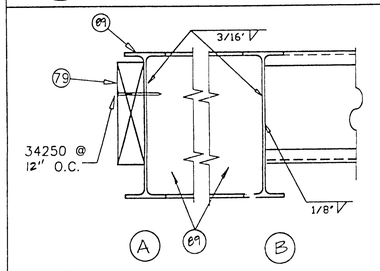



4 FLOOR FRAME @ MOD LINE
13 3"=1'-0"

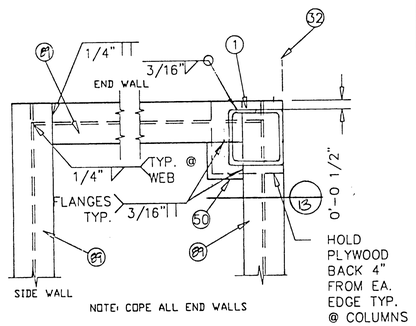



NOTE: 6 PER BUILDING
SEE FLOOR PLAN FOR LOCATION
ROUT FLOOR PLYWD. 1/8" FOR PLATE

5 FLOOR SPLICE PLATE
13 3"=1'-0"

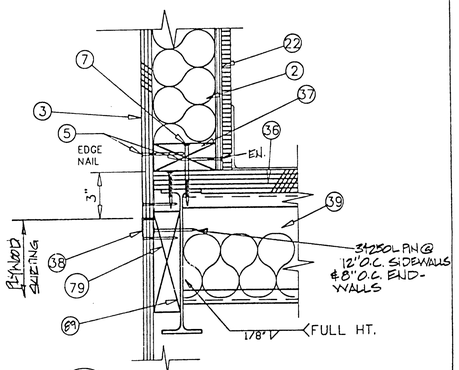



9 AXLE/FRAME SECTION
13 3"=1'-0"

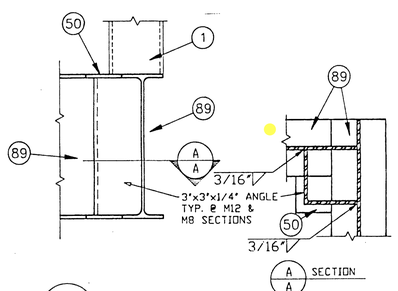



NOTE: COPE ALL END WALLS

6 FLOOR FRAME @ MOD LINE (TYP)
13 3"=1'-0"




7 FLOOR FRAME @ WALL
13 3"=1'-0"




6A DETAIL @ COLUMN
13 3"=1'-0"

## NOTES

1 COLUMN: 3"x3"x3/16" SQ. TUBE
2 STUD: 2x4 16" O.C. @ SIDEWALLS; 12" O.C. @ ENDWALLS
3 5/8" EXT. PLYWOOD SIDING, SEE SPECS. SHEET 8
4 PNEUTEK PINS @ 6"o.c. AT EDGES 6"O.C. IN FIELD @ 4' Joist 10" o.c. IN FIELD @ 32" o.c. Joist
5 BOUNDARY NAILING: SEE NAILING SCHEDULE SHEET 2
6 FLOOR PERIMETER FRAME: M 12" X 11.8# I BEAM
ALTERNATE: Floor Frame Plan on Concrete SEE SHEET 13,14,15
7 PNEUTEK 34325L @ 12" o.c. @ SIDEWALLS & 8" O.C. @ ENDWALLS & 6" MAX. FROM END OF ANY PIECE TYP. @ ALL SILL PLATE CONNECTIONS U.N.O. SEE NOTE 85
8 PNEUTEK 34250L @ 12" o.c.
9 PREFORMED METAL ROOF EDGE
10 8d BOX @ 12" O.C. (GALV. WHERE EXPOSED TO WEATHER)
11 TRIM: 1X2
12 NAILS: 8D @ 6" o.c.
13 RAFTER 2x10 @ 24" O.C.
14 PLYWOOD ROOF SHEATHING
15 ROOFING: 30 Ga. GALV. STANDING RIB MIN.
16 NAILS: 2-16D PER RAFTER
17 (1) 2x4 & (1) 2x6 DF TOP PLATES - NO SPLICE @ END WALLS.
18 TRIM: 2X10
19 NAIL: 16D @ 12" o.c.
20 NAIL:16D @ 8" O.C
21 HEADER: 4X12 D.F.#2
22 3/8 CD PLYWOOD
23 SUSPENDED CEILING
24
25 PLYWOOD FILLER
26 RIM RAFTER: 2x10
27
28 2X4 NAILER
29 BOLTS: 5/8" DIA. M.B. SEE ROOF FRAMING PLAN FOR LOCATION
30 TRUSS @ RIDGE SEE SHEET 6
31 HANGER: SIMPSON LB210
32 MODULE LINE
33 DOUBLE 2x10 RAFTER
34 MOD TIE STRAP- 2 1/2"x 1/8" STRAP W/(12) 16d BOX
35
36 PLYWOOD FLOOR SHEATHING: 1 1/8" T&G STURDIFLOOR APA PS1-83 EXP. 1 ALL PLIES TO BE WOOD
37 SILL PLATE: 2X4 CONT.
38 Z-METAL STRIP:3/4 x 26 Ga. X 5/8 X 3/4 x 26 Ga.
39 C 6"x3"x12ga
40 SIMPSON U210 JOIST HANGER
41 NAIL: 8D @ 12" o.c.
42 2x10 BLOCKING
43 STEEL STRAP: 2 1/2" X 1/8" W/(2) 5/8" BOLTS
44 BOUNDARY NAILING
45 STUDS: (3) 2x4 DF MIN.
46 H.V.A.C. UNIT: WEIGHT 475# TYP.
47 DOUBLE 2X4 W/16D BOX NAILS 8" O.C.
48 HOLD-DOWN W/ (2) 5/8" BOLTS
49 L 1 1/2 X 1 1/2 X 1/8" X 18" LONG ATTACH TO A.C. W/4-#10 SELF-TAPPING GALV. S.M.S. & TO 2X4 FLAT W/(4) 5/16" X 2 1/2" LAG SCREWS.
50 STEEL PLATE: 2"x2"x1/4" WELD @ TOP FLANGES OF M8x6.5 BEAM
51
52 HEADER: 4x8 DF #2
53 TRIM: 1X4
54 HOLLOW METAL FRAME: 16ga W/LOCK-IN ANCHORS, 8d BOX TO STUDS
55 DOOR.
56 KING STUDS: 2-2x4 FULL HEIGHT (4) @ WINDOWS(3) @ MOD LINE,(2) @ DOORS
57 TRIMMER: 1- 2X4
58 DOOR BOTTOM.
59 ALUMINUM THRESHOLD W/(3)3/16"x1 3/8" F.H.W.S.
60 RAMP, SEE SHEET 12
61 G.I. FLASHING.
62 LAG SCREWS:(6) 3/8" X 2"
63 2X6 BLOCK
64 STEEL SUPPORT BRACKET SUPPLIED BY H.V.A.C. UNIT MANUFACTURER (11ga x 24")
65 PREFINISHED WOOD TRIM
66 DOUBLE 2X4 SILL
67 INSULATION: R-11 KRAFT FACED OVER NYLON MESH
68
69
70 TOENAIL: 16d @ 12" O.C.
71 SOFFIT: 3/8" PLYWOOD SIDING NO GROOVES
72 PRE-FINISHED PANELING
73 R-11 KRAFT FACED INSULATION
74 4" ROUND VENT
75 SEALANT
76 3"x3"x1/4" ANGLE
77 C 6"x2 1/2"x14ga
78 2"x2"x3/16" ANGLE BRACE FROM SIDE BEAM TO END BEAM @ HOLD DOWN LOCATIONS
79 2x6 DF NAILER CONT. @ PERIMETER
80 WINDOW: 8'-0"x4'-0" KDX SEE SPECS, SHEET 8
81 FIRE EXTINGUISHER-MOUNT ON WALL BRACKET @ 45" A.F.F. MAX
82 NOT USED
83 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Eq. END (2x10 BLOCK TO 2x4 STUD)
84 20 Ga.x3/4"x12" LONG STRAP w/ (4) 10d BOX Eq. END (4x HEADER TO 2x4 STUD)
85 SILL CONNECTION @ END WALL SHEAR PANELS ONLY: PNEUTEK 34325L @ 6" O.C. & 6" MAX. FROM END OF ANY PIECE.
86
87 2" ROUND VENT
88 (2) 2x4 TRIMMER @ 8' OPENING
89 M8x6.5
90 (2) 2x4 D.F. NAILER CONT. @ PERIMETER.

* SOME ITEMS SHOWN ABOVE MAY NOT BE SHOWN ON THIS SHEET


design systems
P.O. Box 367
Patterson, California
95363
(209) 892-6298


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-122123 INC:
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑
DATE: 3/21/2024

Approval: Structural Engineer

REGISTERED PROFESSIONAL ENGINEER EDWARD LINDBERG No. 76 STRUCTURAL STATE OF CALIFORNIA

LICENSE EXPIRES 12-31-92

Approval: Structural Safety

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
OCT 1 1990
Structural Safety Section
Appl # PC 1967
Rechecked By CWW YSF

Approval: Fire Marshal

CALIFORNIA STATE FIRE MARSHAL
APPROVED
APPROVAL OF THIS PLAN DOES NOT AUTHORIZE OR APPROVE ANY OMISSION OR DEVIATION FROM APPLICABLE REGULATIONS. FINAL APPROVAL IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT THE TIME.
REVIEWED BY
10/17/90

Approval: Access Compliance

OFFICE OF THE STATE ACCESS COMPLIANCE
PC147 OCT 17 '90
APPLICATION PER M. Jul Rules
NO.

75 MPH EXP. 'C'
24 x 40 CLASSROOM
60 PSF SNOW LOAD

ALTERNATE FLOOR FRAMING PLAN FOR CONCRETE FOUNDATION ONLY

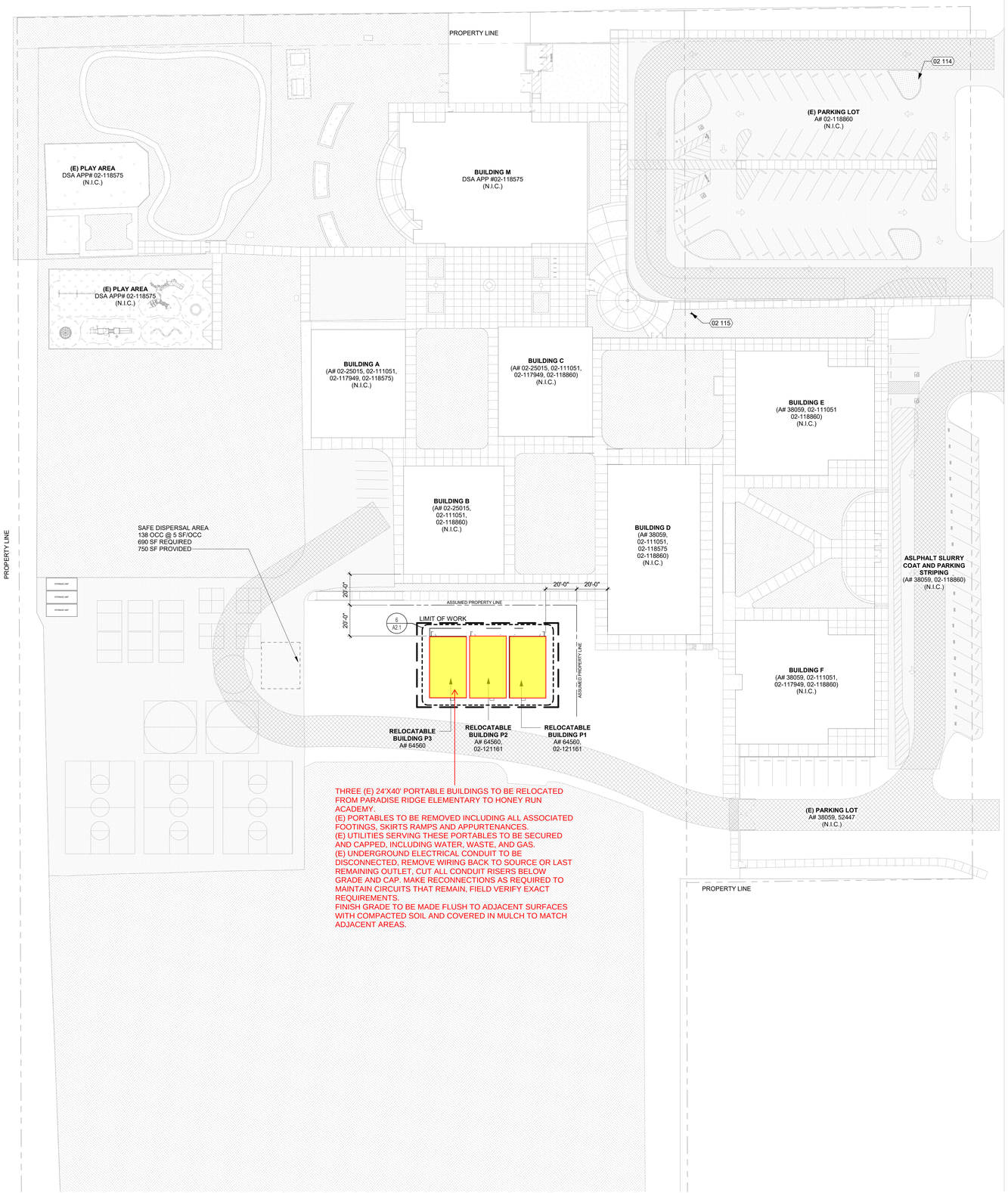
Architect:

Paradise USD | DATE: 3/21/96 | JOB: 3594

STATE OF CALIFORNIA
Department of General Services
MAY 17 1996
Division of the State Architect
Regulation Services-Sacto

| | |
|---|---|
| Drawn | BP |
| Scale | NOTED |
| Date | 6-29-90 |
| Job | 60SL |
| Sheet | 13 Of Sheets |

FILE NAME: 60SL3




**SITE PLAN** 1" = 30'-0" 6

## KEYNOTES

| NUMBER | NOTE |
|---|---|
| 02 114 | (E) TOW AWAWY SIGN |
| 02 115 | (E) FIRE HYDRANT |
| 33 101 | FIRE HYDRANT (SEE CIVIL DWGS.) |

## GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR 6'-0" HIGH TEMPORARY CONSTRUCTION BARRIER WITH VISION SCREEN AT STAGING, STORAGE AND CONSTRUCTION AREA WITH SIGNAGE EVERY 20'-0" TO WARN STUDENTS OF CONSTRUCTION AREA.
2. CONTRACTOR TO BRING IN OFFICE TRAILER TO CONSTRUCTION AREA.
3. CONTRACTOR SHALL ACCESS THE SITE FROM PENTZ ROAD. ANY DAMAGE TO FIRE LANE WILL BE AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR TO REPAIR BACK TO EXISTING CONDITIONS ALL LAYDOWN AREAS AT THE END OF CONSTRUCTION. THIS INCLUDES LANDSCAPE AREAS AND ANY BROKEN SPRINKLERS, VALVE BOXES, CONCRETE, ASPHALT, ETC.
5. CONTRACTOR SHALL REPLACE, RECONSTRUCT AND REPAIR ALL EXISTING WORK THAT IS IMPACTED, DAMAGED, OR DESTROYED AS A RESULT OF ANY CONTRACTOR WORK INCLUDING, BUT NOT LIMITED TO, HARDSCAPING, SIDEWALKS, IRRIGATION SYSTEMS, LANDSCAPING, LAWNS, STRUCTURES AND UTILITIES - ALL TO THE SATISFACTION OF THE DISTRICT.
6. WHERE ASPHALT OR CONCRETE IS BEING REPATCHED, CONTRACTOR SHALL PROVIDE EVEN AND STRAIGHT LINE CUTS WITH 2-FOOT STRAIGHT SLURRY SEAL SURFACE PATCH ON BOTH SIDES OF CUT.
7. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON SITE TO AVOID EXISTING DUCTS, PIPING OR CONDUITS, ETC., AND TO PREVENT HAZARDS TO PERSONNEL AND/OR DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN AND INSTALLED BY ANY OTHER CONTRACTS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY ELEMENTS FOR CONSTRUCTION SAFETY.
8. GATES IN PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS WITH PROPER LEVER HARDWARE AND KICK PLATES.

## LEGEND

- 8" CONCRETE OVER 6" CLASS II AGGREGATE BASE
- 4" CONCRETE OVER 6" CLASS II AGGREGATE BASE
- 4" COLORED CONCRETE PAVING OVER 6" CLASS II AGGREGATE BASE
- ASPHALT PAVING
- LANDSCAPING, SEE LANDSCAPE DRAWINGS
- PROPERTY LINE
- LIMIT OF WORK
- LINE OF ROOF, SKYLIGHT, OR SOFFIT OVERHEAD - SHOWN DASHED
- FIRE HYDRANT

DSA STAMP


STUDIO W ARCHITECTS

Studio W Architects
1930 H Street
Sacramento, California 95811
[ T ] 916.254.5600
www.StudioW-Architects.com


| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA DATE SIGNED: 01/31/2024 | |

GENERAL NOTES

1. This sheet is part of a set and is not to be used alone.
2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicated drawings have been released for construction.
3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden.
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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|

DRAWING STATUS

| | DATE |
|---|---|
| DSA PLAN CHECK | 01.31.2024 |
| DSA BACK CHECK | 02.07.2024 |
| BIDDING | |
| CONSTRUCTION | |

KEY PLAN

PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD
PARADISE, CA 95969

CONSTRUCTION DOCUMENTS

PARADISE RIDGE ELEMENTARY SCHOOL
PORTABLES
6593 PENTZ ROAD
PARADISE, CA 95969

SITE PLAN OVERALL

| Date | Project Number |
|---|---|
| 01/31/2024 | 23067 |
| Application Number | Drawing Number |
| 02-122123 | A1.1 |
| Drawn / Checked | |
| Author / Checker | |

PRINT DATE: 2/13/2024 11:45:52 AM
FILE PATH: C:\Users\DanielH\OneDrive - BCA Architects, Inc\Documents\23067-PUSD Paradise Ridge ES-Ports-A21_DanielH@bcaarchitects.com.rvt

# TMP SERVICES

2929 KANSAS AVE.
RIVERSIDE, CA 92507
(951) 213-3900
FAX (651) 213-3997

# PC
# ACCESSIBLE RAMPS/ LANDINGS/STAIRS
(STEEL + OPTIONAL ALUM. DECK)

# STATE OF CALIFORNIA - 2021 IBC/2022 CBC

**DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2022 CBC**

Application Number: School Name: School District:

DSA File Number: Increment Number: Date Created:

**2022 CBC**

**IMPORTANT:** This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Undefined section and table references found in this document are from the CBC, or California Building Code.

**KEY TO COLUMNS**

| 1. TYPE | 2. PERFORMED BY |
|---|---|
| **Continuous** – Indicates that a continuous special inspection is required | **GE (Geotechnical Engineer)** – Indicates that the special inspection shall be performed by a registered geotechnical engineer or his or her authorized representative. |
| **Periodic** – Indicates that a periodic special inspection is required | **LOR (Laboratory of Record)** – Indicates that the test or special inspection shall be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See CAC Section 4-335. |
| **Test** – Indicates that a test is required | **PI (Project Inspector)** – Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA. |
| | **SI (Special Inspection)** – Indicates that the special inspection shall be performed by an appropriately qualified/approved special inspector. |

**C5. POST-INSTALLED ANCHORS:**

| | Test or Special Inspection | Type | Performed By | Code References and Notes |
|---|---|---|---|---|
| ☐ | **a.** Inspect installation of post-installed anchors | **See Notes** | **SI*** | **1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3.8** (See Appendix (end of this form) for exemptions); ACI 318-14 Sections 17.8 & 26.13. * May be performed by the project inspector when specifically approved by DSA. |
| ☐ | **b.** Test post-installed anchors. | **Test** | **LOR** | **1910A.5.** (See Appendix (end of this form) for exemptions.) |

**S1A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES**

| | Test or Special Inspection | Type | Performed By | Code References and Notes |
|---|---|---|---|---|
| ☑ | **a.** Verify identification of all materials and: • Mill certificates indicate material properties that comply with requirements. • Material sizes, types and grades comply with requirements. | **Periodic** | * | **Table 1705A.2.1 Item 3a–3c**, 2202A.1; AISI S100-20 Section A3.1 & A3.2, AISI S240-20 Section A3 & A5 AISI S220-20 Sections A4 & A6. * By special inspector or qualified technician when performed off-site. |
| ☑ | **b.** Test unidentified materials | **Test** | **LOR** | **2202A.1.** |
| ☑ | **c.** Examine seam welds of HSS shapes | **Periodic** | **SI** | DSA IR 17-3. |
| ☑ | **d.** Verify and document steel fabrication per DSA-approved construction documents. | **Periodic** | **SI** | Not applicable to cold-formed steel light-frame construction, except for trusses (**1705A.2.4**). |

**S1A3. WELDING:**

| | Test or Special Inspection | Type | Performed By | Code References and Notes |
|---|---|---|---|---|
| ☑ | **a.** Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS. | **Periodic** | **SI** | **1705A.2.5, Table 1705A.2.1 Items 4 & 5**; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel. DSA IR 17-3. |
| ☑ | **b.** Verify weld filler material manufacturer's certificate of compliance. | **Periodic** | **SI** | DSA IR 17-3. |
| ☑ | **c.** Verify WPS, welder qualifications and equipment. | **Periodic** | **SI** | DSA IR 17-3. |

**S1A4. SHOP WELDING (IN ADDITION TO SECTION S1A3):**

| | Test or Special Inspection | Type | Performed By | Code References and Notes |
|---|---|---|---|---|
| ☑ | **a.** Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds. | **Continuous** | **SI** | **Table 1705A.2.1 Items 5a.1–4**; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3. |
| ☑ | **b.** Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds. | **Periodic** | **SI** | **1705A.2.2, Table 1705A.2.1 Items 5a.5 & 5a.6**; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3. |
| ☑ | **c.** Inspect welding of stairs and railing systems. | **Periodic** | **SI** | **1705A.2.1**; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. |

"CONSTRUCTION OF" AND "STOCKPILE OF" EXAMPLE DSA 103 FORM (DSA 103 FORM NOT REQUIRED FOR RELOCATION OF CERTIFIED RAMP & LANDING).

THE EXAMPLE FORM DSA-103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECT-SPECIFIC FORM DSA-103'S. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND THE EXAMPLE FORM DSA-103 IS TO BE CROSSED OUT ON THIS DRAWING.

NOTES:

LOADS:

1. RAMP LIVE LOAD = 100 PSF
2. NO SNOW LOADING
3. NO FLOOD LOADING
4. WIND:
   WIND SPEED = 110 MPH
   RISK CATEGORY = II & III
   EXPOSURE = C
   $K_{ZT}$ = 1.0
   WIND DESIGN PER ASCE 7-16 CHAPTER 29
5. SEISMIC:

| RISK CATEGORY = II | RISK CATEGORY = III |
|---|---|
| $I_e$ = 1.0 | $I_e$ = 1.25 |
| $S_S$ = 2.55 | $S_S$ = 1.43 |
| $S_1$ = 1.0 | $S_1$ = 1.0 |
| SITE CLASS = D DEFAULT | SITE CLASS = D DEFAULT |
| $S_{DS}$= 1.428 | $S_{DS}$= 1.14 |
| $C_S$ = 1.14 (ASCE 7-16 EQUATION 15.4-2) | $C_S$ = 1.14 (ASCE 7-16 EQUATION 15.4-2) |
| R = 1.25 (ASCE 7-16 TABLE 15.4-1) | R = 1.25 (ASCE 7-16 TABLE 15.4-1) |

6. ALLOWABLE SOIL BEARING = 1000 PSF

CODES: (TITLE 24 CODES)

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)....(PART 1, TITLE 24, CCR)

2022 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (PART 2, TITLE 24, CCR) (2021 EDITION INTERNATIONAL BUILDING CODE WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA FIRE CODE (CFC), (PART 9, TITLE 24, CCR) (2021 EDITION INTERNATIONAL FIRE CODE WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA GREEN CODE (CGC), (PART 9, TITLE 24, CCR)

2022 CALIFORNIA REFERENCED CODE, (PART 12, TITLE 24, CCR)

2022 CODE SECTIONS FOR APPLICABLE STANDARDS
2022 CBC, CHAPTER 35

TABLE OF CONTENTS

| Sheet No. | Description | Dated | Revised |
|---|---|---|---|
| 1 | COVER SHEET | 02 AUG 2023 | |
| 2 | ACCESSIBLE RAMP ELEVATIONS & DETAILS | 02 AUG 2023 | |
| 3 | ACCESSIBLE RAMP DETAILS & NOTES | 02 AUG 2023 | |
| 4 | DETAILS & NOTES | 02 AUG 2023 | |
| 5 | ACCESSIBLE RAMP SWITCH BACK DETAILS | 02 AUG 2023 | |
| 6 | STAIRS - OPTIONAL | 02 AUG 2023 | |
| 7 | ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK | 02 AUG 2023 | |
| 8 | ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS | 02 AUG 2023 | |

ALTERNATE RAMPS/LANDINGS/STAIRS

| Sheet No. | Description | Dated | Revised |
|---|---|---|---|
| 1A | COVER SHEET | 02 AUG 2023 | |
| 2A | ACCESSIBLE RAMP ELEVATIONS & DETAILS | 02 AUG 2023 | |
| 3A | ACCESSIBLE RAMP DETAILS & NOTES | 02 AUG 2023 | |
| 4A | DETAILS & NOTES | 02 AUG 2023 | |
| 5A | ACCESSIBLE RAMP SWITCH BACK DETAILS | 02 AUG 2023 | |
| 6A | STAIRS - OPTIONAL | 02 AUG 2023 | |
| ~~7A~~ | ~~ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK~~ | ~~02 AUG 2023~~ | |
| 8A | ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS | 02 AUG 2023 | |

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TAVARES ASSOCIATES
DESIGN ✦ CONSULTING ✦ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92128
PHONE(858) 444-3344
WWW.RETAVARES.COM

DSA APPROVALS

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT
APPLICATION FOR CONSTRUCTION
IS REQUIRED

REGISTERED PROFESSIONAL ENGINEER
MARTIN P. TAVARES
No. 53380
Ex. 03/31/24
STRUCTURAL
STATE OF CALIFORNIA
02/12/24

DATE SIGNED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122252 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

COVER SHEET

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE:

STATE OF CALIFORNIA
PC
-2022 CBC

DRAWN
CHECKED
DATE 02 AUG 2023
SCALE
JOB NO.

1

1 OF 16 SHEETS

DSA STAMP

STUDIO W ARCHITECTS
Studio W Architects
1930 H Street, Sacramento, CA 95811
[ T ] 916.254.5600, www.StudioW-Architects.com

| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA — DATE SIGNED: 03.10.25 | |

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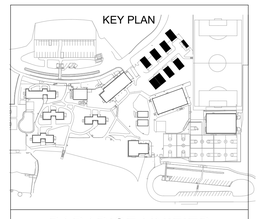
REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS — DATE

- ○ DSA PLAN CHECK
- ● DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

KEY PLAN



PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

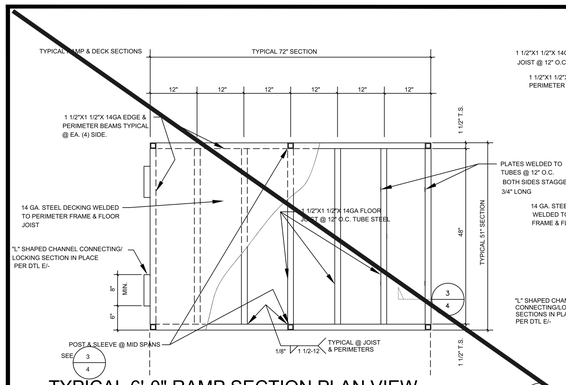
PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

COVER SHEET

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 1 |
| Drawn / Checked | |
| Author / Checker | |

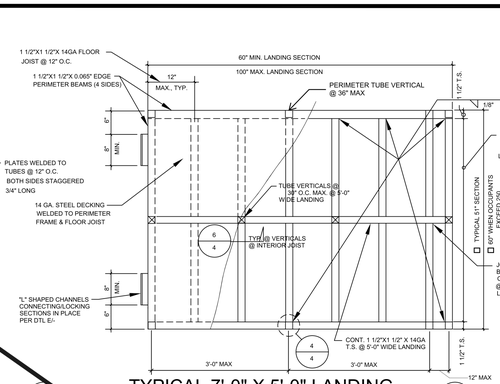
PRINT DATE: 4/17/2025 2:46:19 PM
FILE PATH: Autodesk Docs://PUSD Pine Ridge Portables Boys & Girls Club.rvt
TMP SERVICES DSA RAMP & LANDING - STEEL SHEET 1.DWG




## TYPICAL 6'-0" RAMP SECTION PLAN VIEW

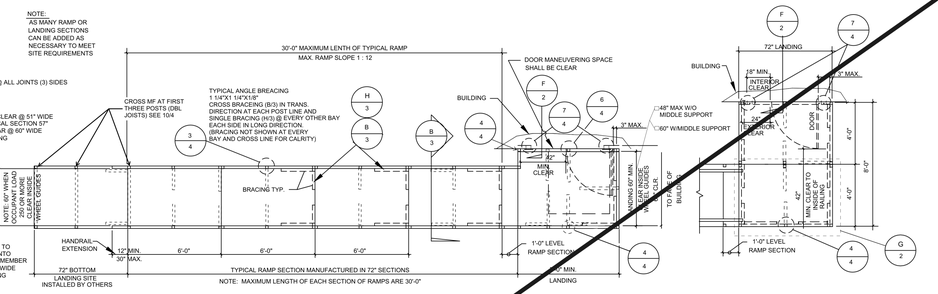
SCALE: 3/4" = 1'-0"

A




## TYPICAL 7'-0" X 5'-0" LANDING

G

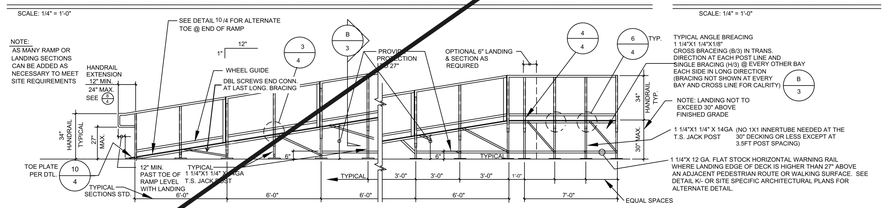



## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT

SCALE: 1/4" = 1'-0"

## OPTIONAL LANDING

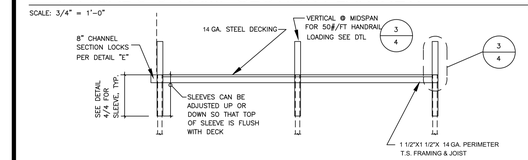
SCALE: 1/4" = 1'-0"




## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING 30" OR LESS

SCALE: 1/4" = 1'-0"

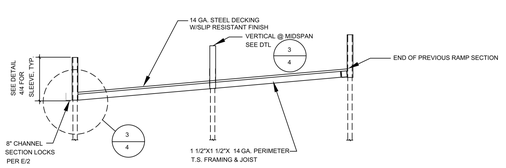
NOTE: SEE PLAN SHEET 3 FOR HANDRAIL SIZES




## SIDE/END VIEW OF LEVEL DECK SECTION

SCALE: 3/4" = 1'-0"

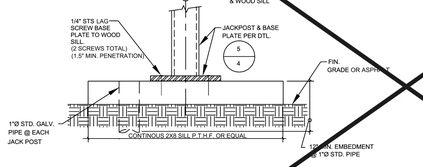
B




## SIDE VIEW OF SLOPING RAMP SECTION TYPICAL

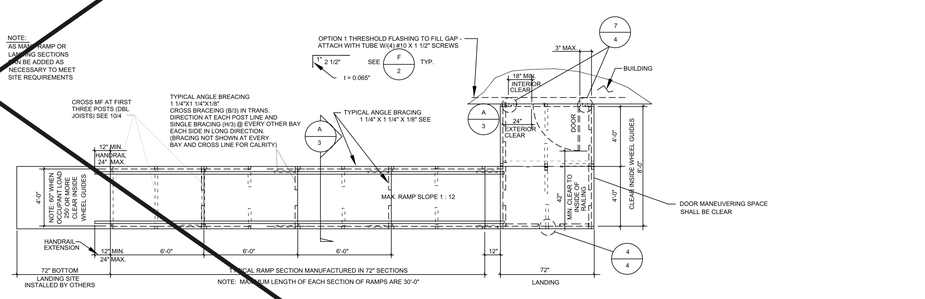
SCALE: 3/4" = 1'-0"

C



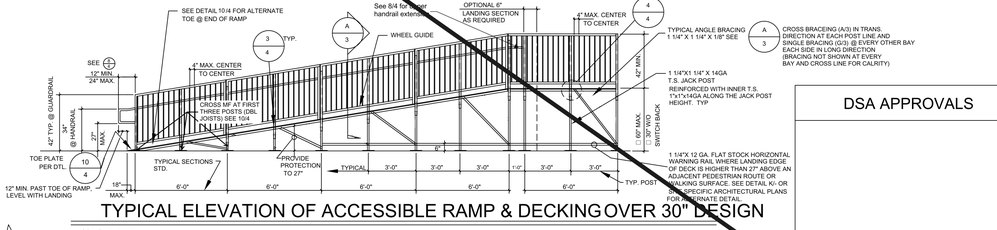

## ALTERNATE WOOD SILLS @JACK POST TO GRADE OR ASPHALT WHERE CONCRETE DOES NOT OCCUR

J




## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN

SCALE: 1/4" = 1'-0"

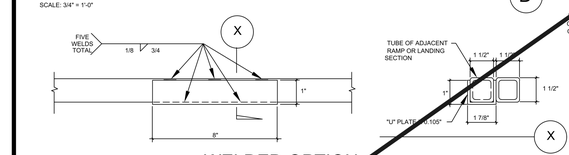



## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING OVER 30" DESIGN

SCALE: 1/4" = 1'-0"

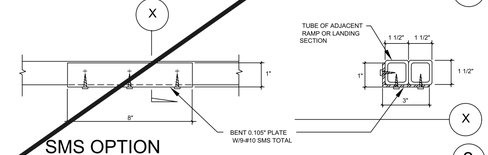
NOTE: 1. SEE PLAN SHEET 3 FOR HANDRAIL/GUARDRAIL SIZES

2. PROVIDE INTERMEDIATE LANDINGS AND SWITCH BACK OR MULTIPLE RAMP SECTIONS AS REQUIRED WHERE ELEVATION DIFFERENCE AT RAMP EXCEEDS 30" MAX. RISE, SEE SHEET 5 FOR OPTIONAL RAMP/LANDING LAYOUTS.




## WELDED OPTION

1

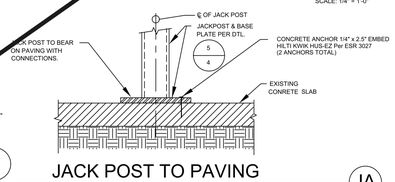



## SMS OPTION

2

## 8" CHANNEL SECTION

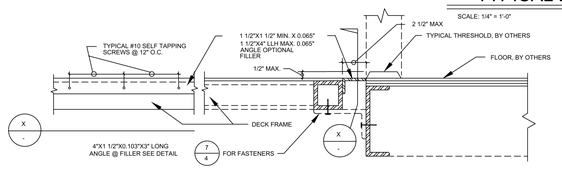
E




JACK POST TO BEAR ON PAVING WITH CONNECTIONS.

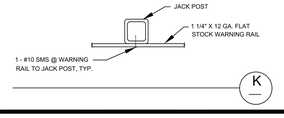
## JACK POST TO PAVING

JA




## FILLER DETAIL

F




K

TAVARES ASSOCIATES
DESIGN ✦ CONSULTING ✦ PROJECT MGT
11390 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92128
PHONE(858) 444-3344
www.rstavares.com

## DSA APPROVALS

DSA STAMP

STUDIO W ARCHITECTS
Studio W Architects
1930 H Street, Sacramento, CA 95811
[ T ] 916.254.5600, www.StudioW-Architects.com

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA DATE SIGNED: 03.10.25 | |

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REGISTERED PROFESSIONAL ENGINEER BRIAN P. WHITMORE No. S3380 Ex. 03/31/24 STRUCTURAL STATE OF CALIFORNIA
02/12/24

DATE SIGNED: _____

REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS — DATE

- ○ DSA PLAN CHECK
- ● DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122262 PC
REVIEWED FOR
SS ☑ FCS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

KEY PLAN

ACCESSIBLE RAMP ELEVATIONS & DETAILS

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE: _____

STATE OF CAL-2022 CBC
PC

DRAWN
CHECKED
DATE 02 AUG 2023
SCALE
JOB NO.

2 Add text here

2 OF 16 SHEETS

PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

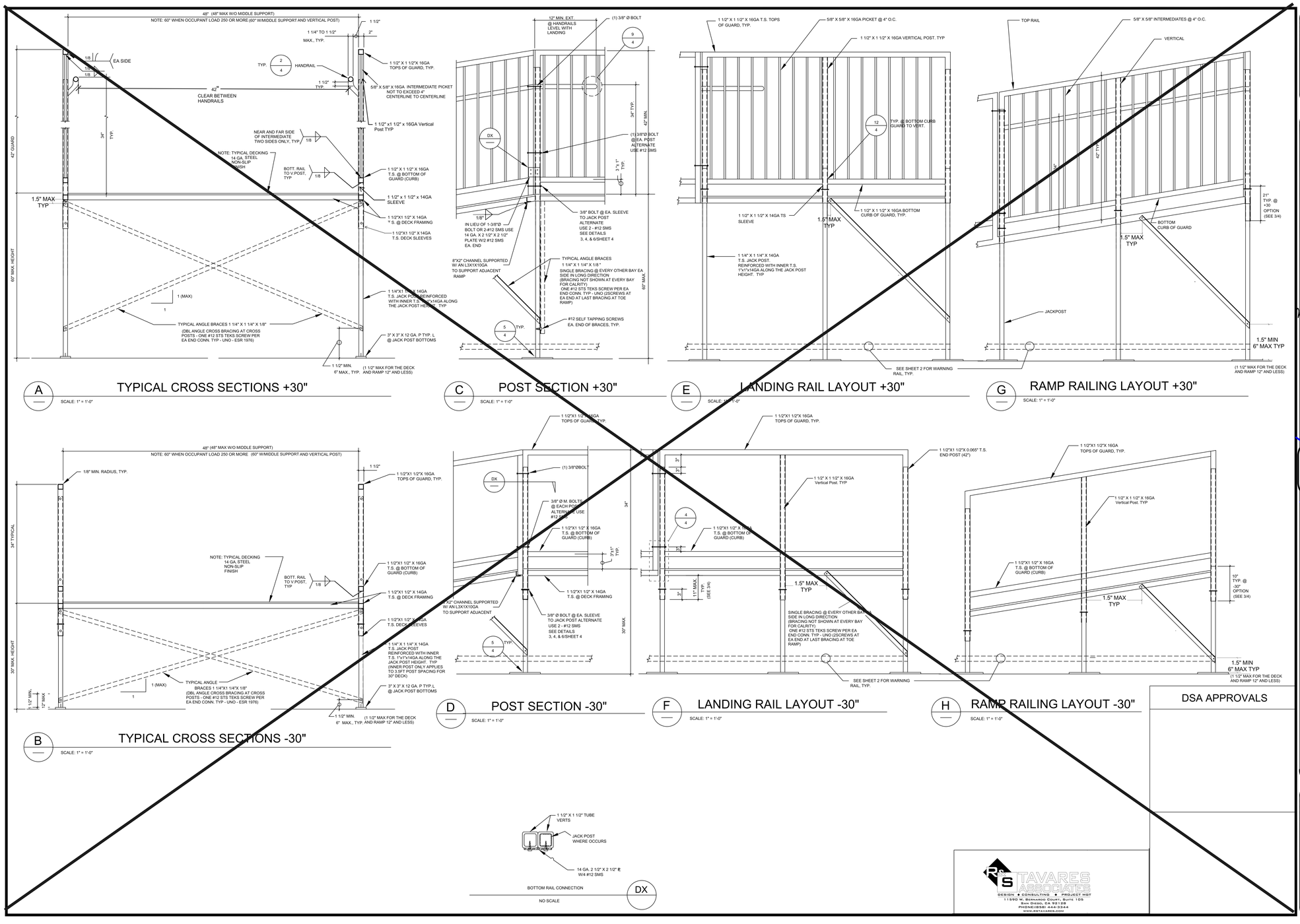
PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

ACCESSIBLE RAMP ELEVATIONS & DETAILS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 2 |
| Drawn / Checked | |
| Author / Checker | |

PRINT DATE: 4/17/2025 2:46:26 PM
FILE PATH: Autodesk Docs://PUSD Pine Ridge Portables Boys & Girls Club/PUSD Pine Ridge Portables Boys & Girls Club.rvt
TMP DSA RAMP AND LANDING STEEL SHEET 2.DWG




A — TYPICAL CROSS SECTIONS +30"
SCALE: 1" = 1'-0"

C — POST SECTION +30"
SCALE: 1" = 1'-0"

E — LANDING RAIL LAYOUT +30"
SCALE: 1" = 1'-0"

G — RAMP RAILING LAYOUT +30"
SCALE: 1" = 1'-0"




B — TYPICAL CROSS SECTIONS -30"
SCALE: 1" = 1'-0"

D — POST SECTION -30"
SCALE: 1" = 1'-0"

F — LANDING RAIL LAYOUT -30"
SCALE: 1" = 1'-0"

H — RAMP RAILING LAYOUT -30"
SCALE: 1" = 1'-0"




DSA APPROVALS

TMP DSA RAMP & LANDING STEEL SHEET 3.DWG
PRINT DATE: 4/17/2025 2:46:36 PM
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|---|---|
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REGISTERED PROFESSIONAL ENGINEER MARILYN P. TAVARES No. 53360 Exp. 03/31/24 STRUCTURAL STATE OF CALIFORNIA
02/12/24

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- CONSTRUCTION

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122262 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐ CG ☐
DATE: 02/14/2024

ACCESSIBLE RAMP DETAILS & NOTES

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE:
STATE OF CAL-2022 CBC
PC

DRAWN
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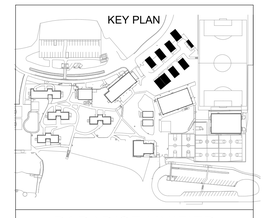
02 AUG 2023
SCALE
JOB NO.
3 Type text here
3 OF 16 SHEETS

KEY PLAN



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13878 COMPTON DRIVE.,
MAGALIA, CA 95954

ACCESSIBLE RAMP

TAVARES ASSOCIATES
DESIGN ♦ CONSULTING ♦ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92128
PHONE(858) 444-3344
WWW.RSTAVARES.COM

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| 04/06/2026 | 25044 |
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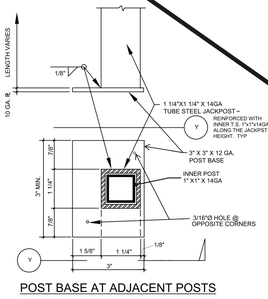
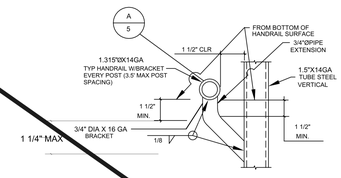
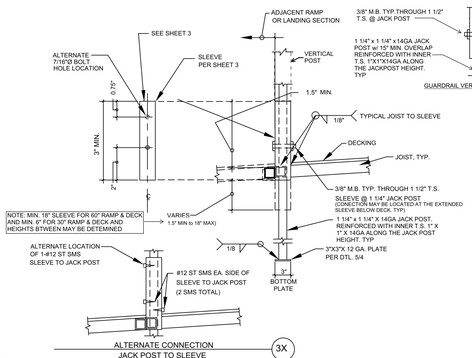



POST BASE AT ADJACENT POSTS

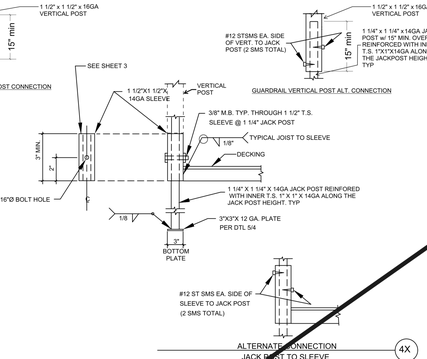



TYPICAL HANDRAIL ARMS




RAMP POST SLEEVES 1 1/2" T.S.




LANDING POST SLEEVES 1 1/2" T.S.

## NOTES:

CODES:
2022 CALIFORNIA BUILDING CODE (CBC)

DESIGN LOADS:
LIVE LOAD: 100 PSF
WIND LOAD: SEE SHEET 1
SEISMIC: SEE SHEET 1
HANDRAIL & GUARD RAIL LOADS:
50#/FT
200# POINT LOAD

MATERIAL SPECIFICATIONS:
STEEL: ALL TUBE STEEL ASTM A572 GRADE 50 (Fy = 65 KS1) OR SIMILAR/BETTER
ALL ROUND TUBE STEEL TO BE ASTM A500 ROUND GRADE C (FY=46KSI) OR SIMILAR/BETTER
ALL SHEET, ANGLES, PLATE STEEL TO BE A1011SS GRADE 40
ALL STEEL TO BE COATED WITH A RUST INHIBITIVE COATING
BOLTS: ASTM A307 COMMON BOLTS HOT DIPPED GALVANIZED W/ STAINLESS STEEL WASHERS
PLYWOOD OPTION: EXTERIOR RATED STRUCT I EXTERIOR PLYWOOD
WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D1.1/D1.1M:2020 FOR SHEET STEEL.
ALL ELECTRODES SHALL BE E70XX.

GENERAL NOTES:
1) RAMPS HAVING SLOPES STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL SHALL HAVE LANDINGS AT TOP AND BOTTOM AND AT LEAST ONE INTERMEDIATE LANDING SHALL BE PROVIDED FOR EACH 30" OF RISE, PER CBC 11B-405.7.
2) LOCATION OF LANDINGS.
LANDINGS SHALL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP.
INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION . LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.

NOTE: EXAMPLES OF RAMP DIMENSIONS ARE:

| SLOPE | MAX. RISE (INCHES) | MAX. HORIZONTAL PROJECTION |
|---|---|---|
| 1:12 | 30 | 30'-0" |
| 1:16 | 30 | 40'-0" |
| 1:20 | 30 | 50'-0" |
| 1:15 | 30 | 37'-6" |

2. SIZE OF TOP LANDINGS. TOP LANDINGS SHALL NOT BE LESS THAN 60 INCHES WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60 INCHES IN THE DIRECTION OF RAMP RUN, PER CBC 11B-405.7.2 AND .3.

3) DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE LANDING TO LESS THAN 42" AND SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 3" WHEN FULLY OPENED, CBC 11B-405.7.5.
4) RAMPS SHALL BE CONSTRUCTED AS REQUIRED FOR STAIRWAYS.
5) THE SURFACE OF RAMPS SHALL BE ROUGHED OR SHALL BE OF SLIP-RESISTANT MATERIAL, TYP. FOR LANDINGS & STAIRS.
6) RAMPS REQUIREMENTS SHALL BE PER CBC 11B-405.

7) RAMPS AND STAIRWAYS USED AS EXIT SHALL CONFORM TO CBC SEC. 1009 SEC. 1010, CHAPTER 11B AND 11B-405.5.
8) HANDRAILS AND GUARDRAILS SHALL CONFORM TO CBC 11B-405.8 (RAMP), AND 11B-504 (STAIRS).

9) RAMPS SHALL CONFORM TO CBC 11B-405.

10) STRIKE EDGE EXTENSION THE WIDTH OF THE LANDING SHALL EXTEND 24" PAST THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18" PAST THE STRIKE EDGE FOR INTERIOR RAMPS.

11) LANDING WIDTH. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR RAMPS, CBC 11B-405.7.4.

12) THE WIDTH OF RAMPS SHALL BE AS REQUIRED PER STAIRWAYS AND EXITS, CBC 11B-405.5.

13) SLOPE RAMPS AND LANDINGS AS REQUIRED TO PREVENT ACCUMULATION OF WATER ON WALKING SURFACES.

14) ALL WORK SHALL CONFORM TO TITLE 24 CALIFORNIA CODE OF REGULATIONS (CCR).

15) CHANGES TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT AS REQUIRED BY SECTION 4-338, PART 1 TITLE 24, CCR.

16) A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4.342 PART 1 TITLE 24 CCR.

IN PLANT: SHOP WELDING INSPECTION AND MATERIAL VERIFICATION

SITE CONSTRUCTION: CLASS 4




POST BASE




MID SPAN POST

NOTE: USE 1 1/2"X1 1/2"X 14GA SLEEVE AND 1 1/4"X1 1/4"X 14GA JACK POST @ ABOVE 30" OPTION

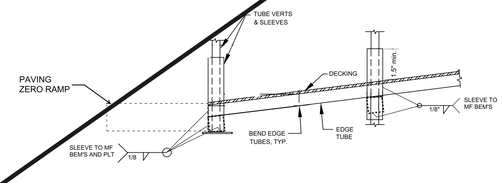



LANDING TO BUILDING

NOTE: DECK SECTIONS ARE FREE STANDING FOR VERTICAL LOADS.

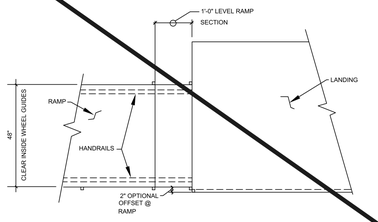



CONNECTION @ HANDRAIL EXTENSION DETAIL




TOE @ END OF RAMP

NO SCALE




NO SCALE

DSA APPROVALS

TAVARES ASSOCIATES
DESIGN ✦ CONSULTING ✦ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92127
PHONE:(858) 444-3344
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| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA DATE SIGNED: 03.10.25 | |

REGISTERED PROFESSIONAL ENGINEER MARK D. FRANCOM No. 53380 Exp. 03/31/24 STRUCTURAL STATE OF CALIFORNIA
02/12/24

DATE SIGNED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122265 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐ CG ☐
DATE: 02/14/2024

SITE:

STATE OF CALIFORNIA -2022 CBC PC

DETAILS AND NOTES


TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997


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REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS — DATE
- ○ DSA PLAN CHECK
- ● DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

KEY PLAN

PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

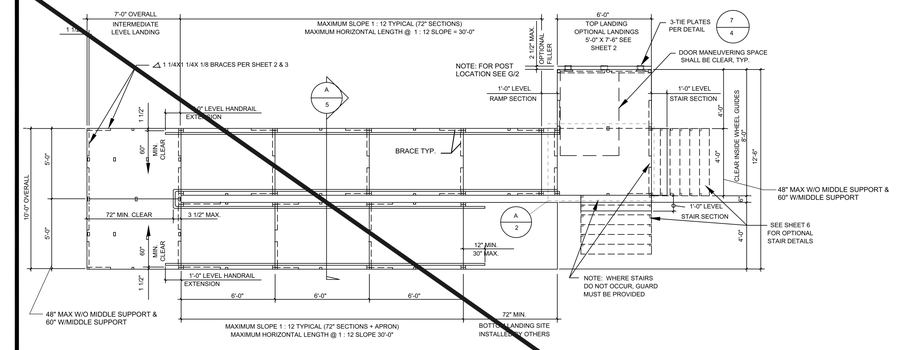
DETAILS AND NOTES

DRAWN
CHECKED
DATE 02 AUG 2023
SCALE
JOB NO.

4 add text here

4 OF 16 SHEETS

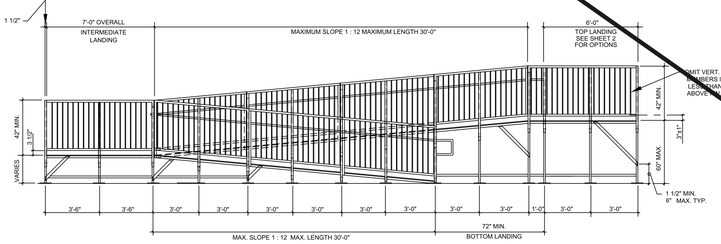
| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 4 |
| Drawn / Checked | |
| Author / Checker | |




## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

SCALE: 1/4" = 1'-0"

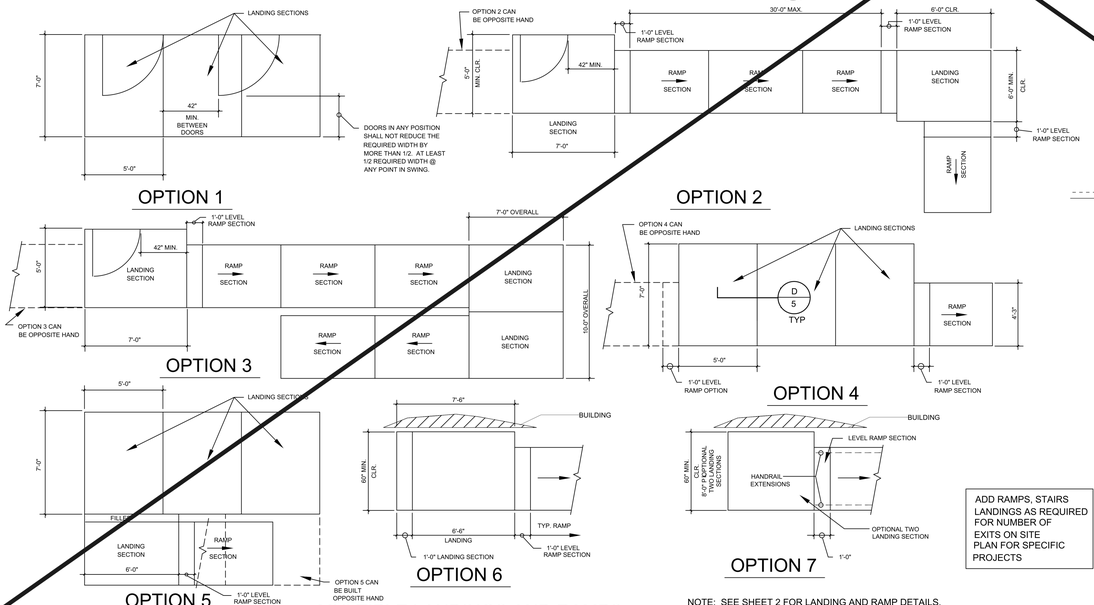
**NOTE: SEE SHEET 3 FOR HANDRAIL/GUARDRAIL SIZES AND SHEET 2, PLAN WITH OVER 30" DECK FOR POSTS, BRACING, ETC.**




## TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP

SCALE: 1/4" = 1'-0"

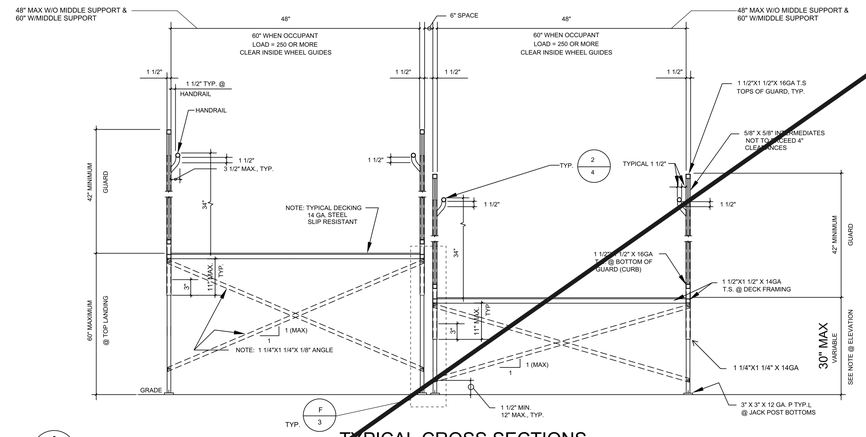
**NOTE: SEE SHEET 3 FOR HANDRAIL/GUARDRAIL SIZES AND SHEET 2, ELEVATION WITH OVER 30" DECK FOR POSTS, BRACING, ETC.**




## MULTIPLE LANDINGS AND RAMPS

ADD RAMPS, STAIRS LANDINGS AS REQUIRED FOR NUMBER OF EXITS ON SITE PLAN FOR SPECIFIC PROJECTS

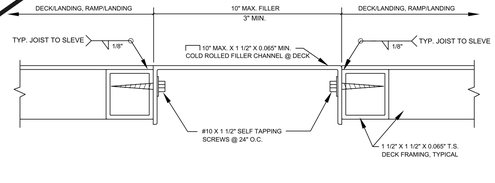
NOTE: SEE SHEET 2 FOR LANDING AND RAMP DETAILS, SEE SHEET 6 FOR TYPICAL STAIRS




A — TYPICAL CROSS SECTIONS

SCALE: 1/4" = 1'-0"

**NOTE: SEE SHEET 3, ELEVATION WITH OVER 30" DECK, FOR HANDRAIL/GUARDRAIL, POSTS, BRACING, ETC.**



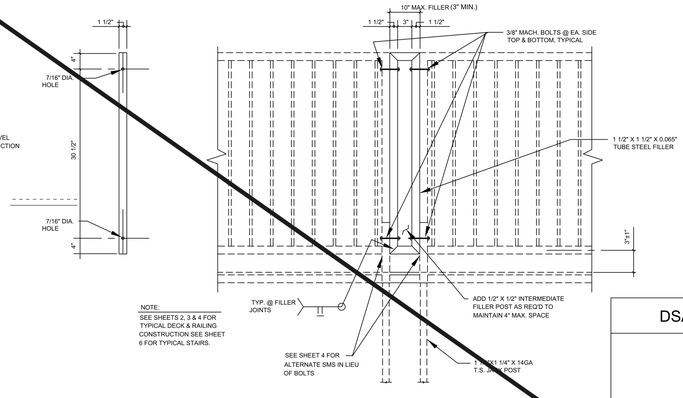

E 2 — 1 1/4"X1 1/4"X 0.065" JACK POST; 3"X3"X 12 GA. PLATE PER DTL. 5/4

J JA 2 — 2X8 SILL WITH DOUBLE THE LENGTH TO BE USED

D — ADJACENT POSTS AT INERIOR FOOTING

B — TYPICAL DECK CROSS SECTION

SCALE: 1/2" = 1'-0"




C — TYPICAL GUARDRAIL FILLER

SCALE: 3/4" = 1'-0"

* "RESTRAINING PIPES/ RODS SPECS"
ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" O/C.
ONE PIPE/ ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES/ RODS PER DISCONTINUOUS FOUNDATION STRIP.
PIPES SHOULD PENETRATE TO SOIL AND/ OR PAVING A MIN. OF 12" MEASURED VERTICALLY.
PER DSA IR 16-1.13

DSA APPROVALS

TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92128
PHONE:(858) 444-3344
WWW.RSTAVARES.COM

TMP DSA/RAMP & LANDING STEEL SHEET 5.DWG

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DSA STAMP

STUDIO W ARCHITECTS
Studio W Architects
1930 H Street, Sacramento, CA 95811
[ T ] 916.254.5600, www.StudioW-Architects.com

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA DATE SIGNED: 03.10.25 | |

REGISTERED PROFESSIONAL ENGINEER MARILYN D. PAPSON No. S3380 no. 03/31/24 STRUCTURAL STATE OF CALIFORNIA
02/12/24

DATE SIGNED

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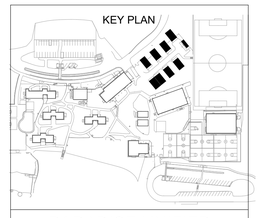
- BIDDING
- CONSTRUCTION

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122262 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

KEY PLAN



ACCESSIBLE RAMP SWITCHBACK DETAILS

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE:

STATE OF CALIFORNIA
-2022 CBC
PC

PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

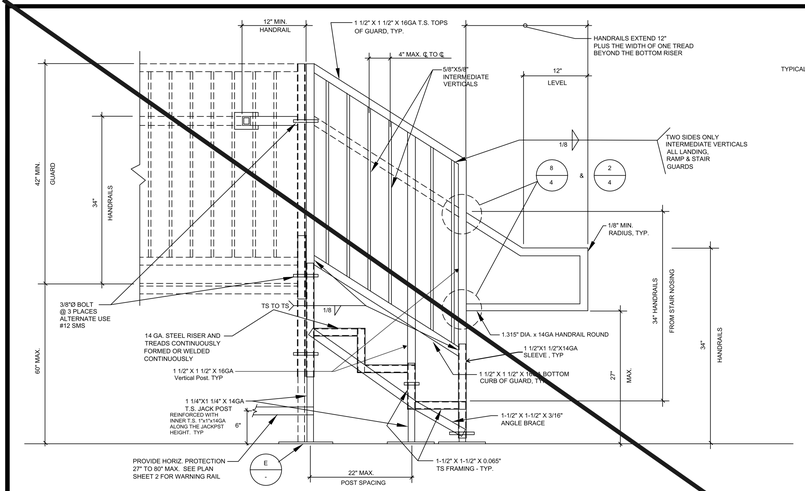
ACCESSIBLE RAMP SWITCHBACK DETAILS

DRAWN
CHECKED
DATE 02 AUG 2023
SCALE
JOB NO.

5 Do not text here

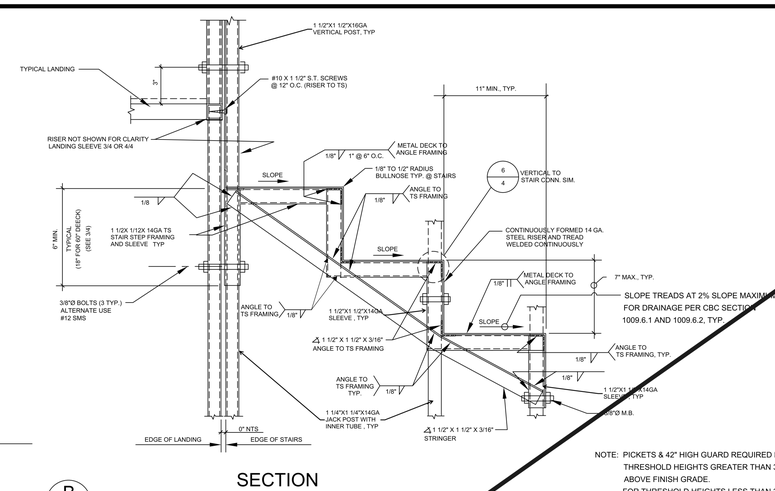
5 OF 16 SHEETS

Date 04/06/2026
Project Number 25044
Application Number 02-124033
Drawing Number 5
Drawn
Checked
Author
Checker




A — SIDE VIEW

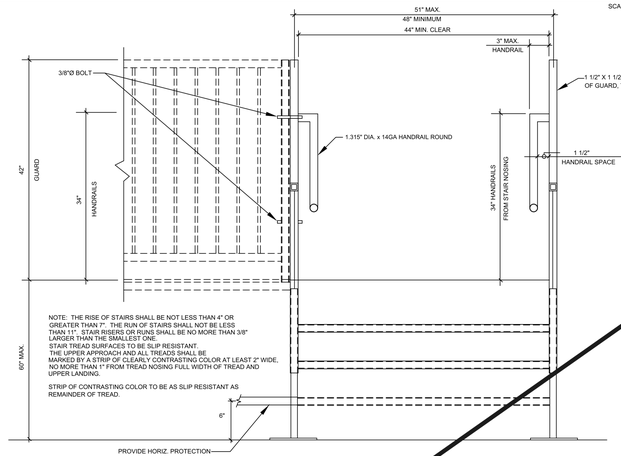
SCALE: 1" = 1'-0"




B — SECTION

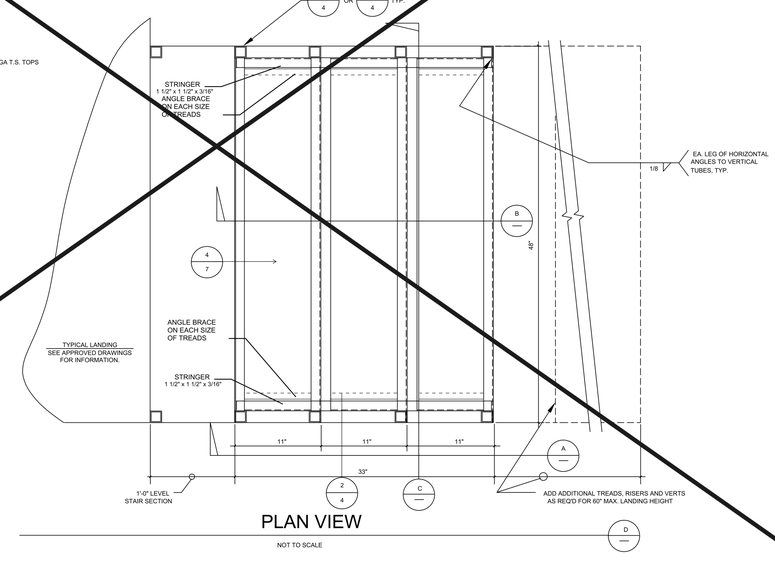
NOT TO SCALE

NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE.
FOR THRESHOLD HEIGHTS LESS THAN 30" ABOVE FINISH GRADE, PICKETS CAN BE OMITTED & HANDRAIL WILL ACT AS GUARD.



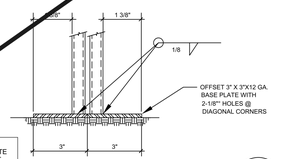

C — FRONT VIEW

SCALE: 1" = 1'-0"




PLAN VIEW

NOT TO SCALE




**NOTE: SEE DETAIL D/5 FOR FOUNDATION ANCHOR**

E

TMP DSA RAMP & LANDING STEEL SHEET 6.DWG

PRINT DATE: 4/17/2025 2:47:06 PM
FILE PATH: Autodesk Docs://PUSD Pine Ridge Portables Boys & Girls Club/PUSD Pine Ridge Portables Boys & Girls Club.rvt

DSA APPROVALS

TAVARES ASSOCIATES
DESIGN ✦ CONSULTING ✦ PROJECT MGT
11590 W. Bernardo Court, Suite 105
San Diego, CA 92128
PHONE:(858) 444-3344
www.rstavares.com

PRE-CHECK (PD) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT
APPLICATION FOR CONSTRUCTION IS REQUIRED

DESIGNED PROFESSIONAL ENGINEER — BRIAN P. WHITMORE — No. S3380 — Ren. 03/31/24 — STRUCTURAL — STATE OF CALIFORNIA
02/12/24

DATE SIGNED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122263 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

STAIRS OPTIONAL

SITE:

STATE OF CALIFORNIA
-2022 CBC
PC

DRAWN
CHECKED
DATE
02 AUG 2023
SCALE
JOB NO.
6
6 OF 16 SHEETS

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STUDIO W ARCHITECTS
Studio W Architects
1930 H Street, Sacramento, CA 95811
[ T ] 916.254.5600, www.StudioW-Architects.com

| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT — BRIAN P. WHITMORE — No. C 30345 Ren. 9/30/25 — STATE OF CALIFORNIA — DATE SIGNED: 03.10.25 | |

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KEY PLAN

PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

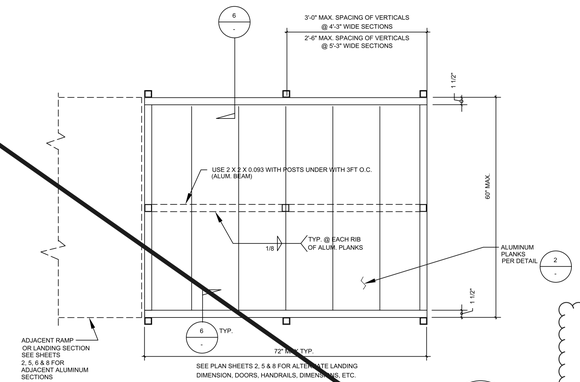
# PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

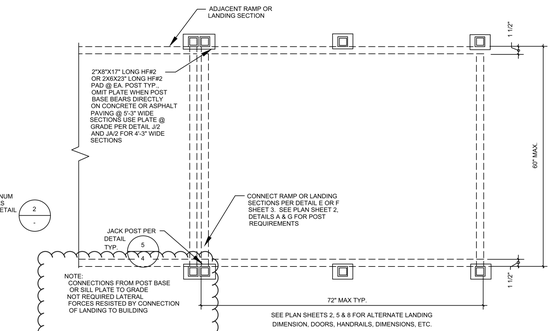
STAIRS OPTIONAL

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

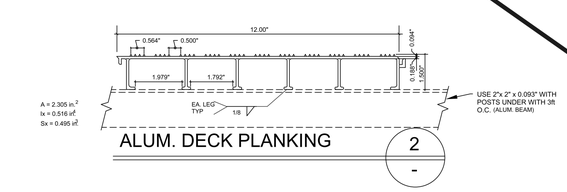
| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 6 |
| Drawn / Checked | |
| Author / Checker | |




LANDING OR RAMP SECTION 1B -

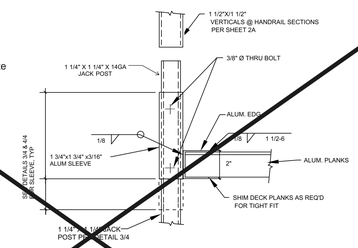



FOOTINGS @ LANDING OR RAMP SECTION 1A -

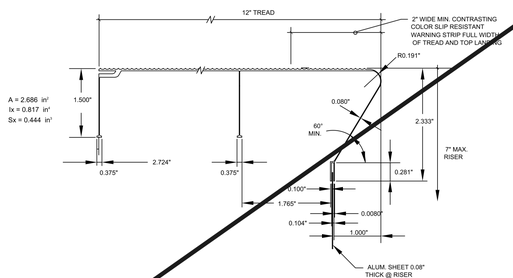



ALUM. DECK PLANKING 2 -

Anchoring not required on AC Paving,and Concrete

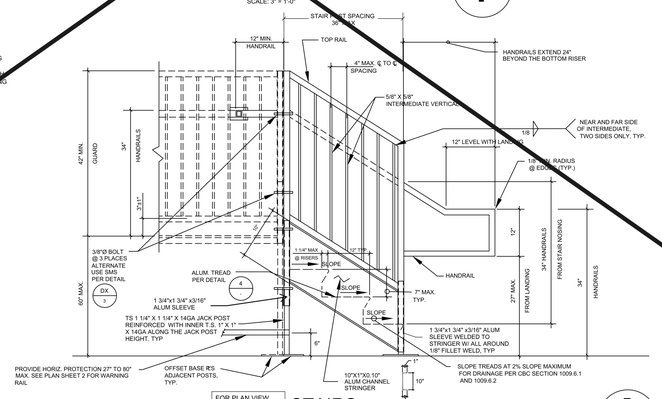



ALUM. SLEEVE DETAIL 3 -




ALUM. STAIR TREAD 4 -

SCALE: 3" = 1'-0"




FOR PLAN VIEW SEE DETAIL D/6

STAIRS 5 -

SCALE: 3/4" = 1'-0"

**NOTE: SEE SHEET 6 ALL STEEL FRAMING, GUARDRAILS, POSTS, ETC.**

NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE.
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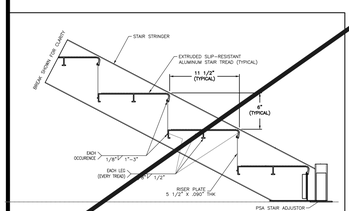
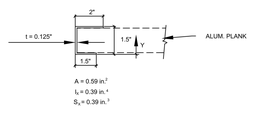



STAIRWAY CROSS SECTION (RAILINGS OMITTED FOR CLARITY) (NOTE: OTHER STAIRS SIMILAR)

7 -




ALUM. EDGE CHANNEL 6 -

SCALE: 3" = 1'-0"

TMP 05A RAMP & LANDING STEEL SHEET 7.DWG

NOTES:

MATERIAL SPECIFICATIONS:

| ALUMINUM: | |
|---|---|
| 2"X2"X0.093" & 1 3/4"x1 3/4" x3/16" TUBE | 6061-T6 |
| 2"X1 1/2"X1/8" CHANNEL | 6061-T6 |
| DECK PLANKS | 6061-T6 |
| STAIR PLANKS | 6061-T6 |

BOLTS: TYPE 304 STAINLESS STEEL BOLTS WITH STAINLESS STEEL WASHERS.

WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D1.2 FOR ALUMINUM. ELECTRODES SHALL BE 5356 OR 5554.

SEE SHEET 4 FOR GENERAL NOTES

NOTE: PROPER TREATMENT AT CONTACT ALUM. TO STEEL SURFACE TO BE PROVIDED PER ADM REQUIREMENTS

DSA APPROVALS

TAVARES ASSOCIATES
DESIGN ✦ CONSULTING ✦ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92127
PHONE:(858)-444-3344
WWW.RSTAVARES.COM

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
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APPLICATION FOR CONSTRUCTION
IS REQUIRED

REGISTERED PROFESSIONAL ENGINEER
MARK D. TAVARES
No. 53380
Exp. 03/31/24
STRUCTURAL
STATE OF CALIFORNIA
02/12/24

DATE SIGNED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122262 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

ACCESSIBLE RAMP
OPTIONAL ALUMINUM DECK

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

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PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 7 |
| Drawn / Checked | |
| Author / Checker | |

PRINT DATE: 4/17/2025 2:47:15 PM
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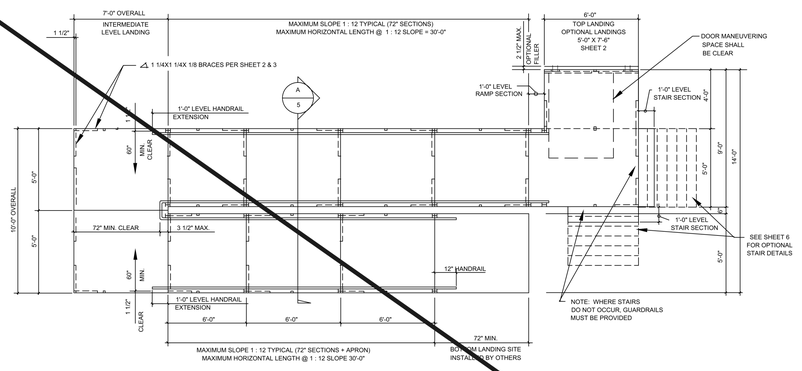
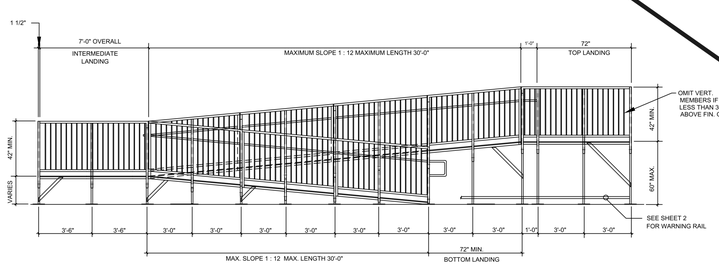



## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

SCALE: 1/4" = 1'-0"

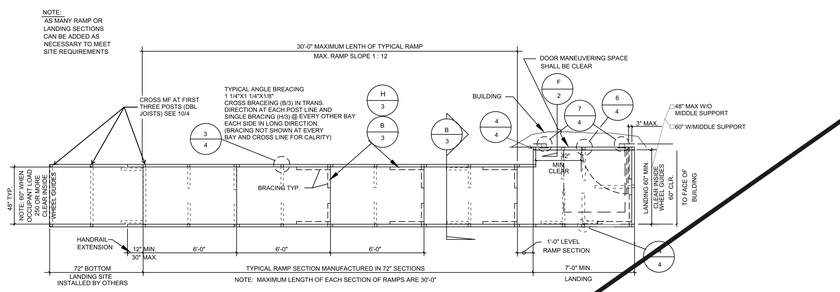
**NOTE: SEE SHEET 3 FOR HANDRAIL/GUARDRAIL SIZES AND SHEET 2, PLAN WITH OVER 30" DECK FOR POSTS, BRACING, ETC.**




## TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP W/ 5'-0" WIDE RAMPS

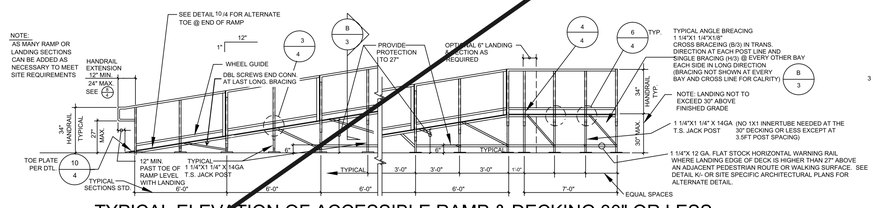
SCALE: 1/4" = 1'-0"

**NOTE: SEE SHEET 3 FOR HANDRAIL/GUARDRAIL SIZES AND SHEET 2, ELEVATION WITH OVER 30" DECK FOR POSTS, BRACING, ETC.**




## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT

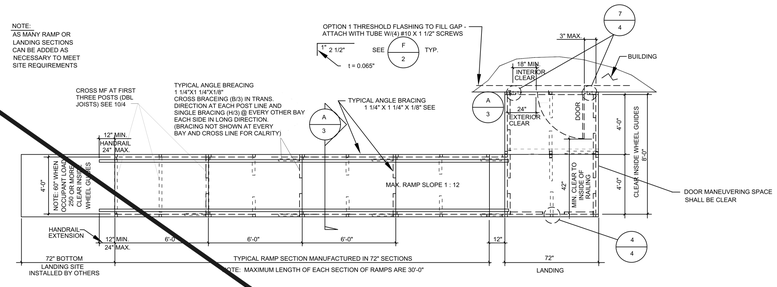
SCALE: 1/4" = 1'-0"




## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING 30" OR LESS

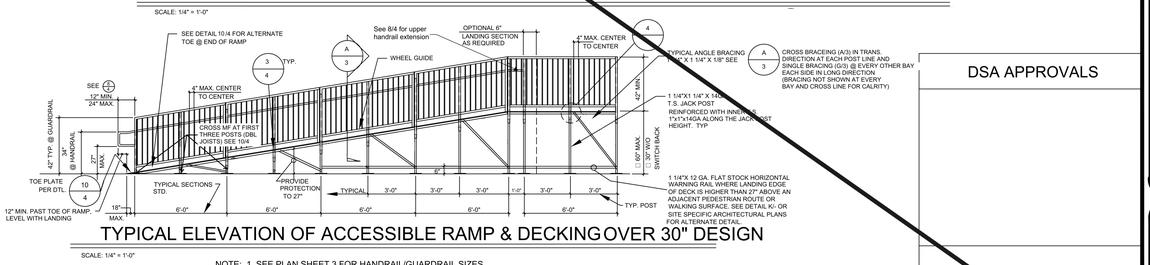
SCALE: 1/4" = 1'-0"

NOTE: SEE PLAN SHEET 3 FOR HANDRAIL SIZES




## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN

SCALE: 1/4" = 1'-0"




## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING OVER 30" DESIGN

SCALE: 1/4" = 1'-0"

NOTE: 1. SEE PLAN SHEET 3 FOR HANDRAIL/GUARDRAIL SIZES

2. PROVIDE INTERMEDIATE LANDINGS AND SWITCH BACK OR MULTIPLE RAMP SECTIONS AS REQUIRED WHERE ELEVATION DIFFERENCE AT RAMP EXCEEDS 30" MAX. RISE, SEE SHEET 5 FOR OPTIONAL RAMP/LANDING LAYOUTS.

DSA APPROVALS

TAVARES ASSOCIATES
DESIGN ✦ CONSULTING ✦ PROJECT MGT
11990 W. Bernardo Court, Suite 105
San Diego, CA 92128
PHONE:(858) 444-3344
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DSA STAMP

STUDIO W ARCHITECTS
Studio W Architects
1930 H Street, Sacramento, CA 95811
[ T ] 916.254.5600, www.StudioW-Architects.com

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT
APPLICATION FOR CONSTRUCTION
IS REQUIRED

| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA | |
| DATE SIGNED: 03.10.25 | |

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REGISTERED PROFESSIONAL ENGINEER Mauricio P. Ramos No. 53380 exp. 03/31/24 STRUCTURAL STATE OF CALIFORNIA
02/12/24

DATE SIGNED_____

APPROVED DIV. OF THE STATE ARCHITECT
APP: 04-122265 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE:

STATE OF CALIFORNIA -2022 CBC

PC

DRAWN

CHECKED

DATE
02 AUG 2023

SCALE

JOB NO.

8

8 OF 16 SHEETS

REVISION HISTORY

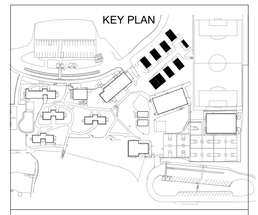
| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS

- ○ DSA PLAN CHECK
- ● DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

DATE

KEY PLAN



PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 8 |
| Drawn / Checked | |
| Author / Checker | |

PRINT DATE: 4/17/2025 2:47:24 PM
FILE PATH: Autodesk Docs://PUSD Pine Ridge Portables Boys & Girls Club/PUSD Pine Ridge Portables Boys & Girls Club.rvt

NAP DSA RAMP & LANDING STEEL SHEET 8.DWG

# TMP SERVICES

2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213-3997

# PC
# ACCESSIBLE RAMPS/ LANDINGS/STAIRS
(STEEL + OPTIONAL ALUM. DECK)

# STATE OF CALIFORNIA - 2021 IBC/2022 CBC

**DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2022 CBC**

Application Number: School Name: School District:

DSA File Number: Increment Number: Date Created:

**2022 CBC**

**IMPORTANT:** This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A (2022 CBC).

****NOTE:** Undefined section and table references found in this document are from the CBC, or California Building Code.

**KEY TO COLUMNS**

| 1. TYPE | 2. PERFORMED BY |
|---|---|
| **Continuous** – Indicates that a continuous special inspection is required | **GE (Geotechnical Engineer) –** Indicates that the special inspection shall be performed by a registered geotechnical engineer, or his or her authorized representative. |
| **Periodic** – Indicates that a periodic special inspection is required | **LOR (Laboratory of Record) –** Indicates that the test or special inspection shall be performed by a testing laboratory accredited in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See CAC Section 4-335. |
| **Test** – Indicates that a test is required | **PI (Project Inspector) –** Indicates that the special inspection may be performed by a project inspector when specifically approved by DSA. |
| | **SI (Special Inspection) –** Indicates that the special inspection shall be performed by an appropriately qualified approved special inspector. |

| | C5. POST-INSTALLED ANCHORS: | | | |
|---|---|---|---|---|
| | **Test or Special Inspection** | **Type** | **Performed By** | **Code References and Notes** |
| ☐ | **a.** Inspect installation of post-installed anchors | **See Notes** | **SI*** | **1617A.1.29, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), 1705A.3** (See Appendix (end of this form) for exemptions). ACI 318: Sections 17.8 & 26.13. * May be performed by the project inspector when specifically approved by DSA. |
| ☐ | **b.** Test post-installed anchors. | **Test** | **LOR** | **1910A.5.** (See Appendix (end of this form) for exemptions.) |
| | **S/A1. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES** | | | |
| | **Test or Special Inspection** | **Type** | **Performed By** | **Code References and Notes** |
| ☑ | **a.** Verify identification of all materials and • Mill certificates indicate material properties that comply with requirements. • Material size, types and grades comply with requirements. | **Periodic** | | **Table 1705A.2.1 Item 3a–3c**, 2202A.1; AISI S100-20 Section A3.1 & A3.2, AISI S240-20 Section A3 & A5, AISI S220-20 Sections A4 & A6.* By special inspector or qualified technician when performed off-site. |
| ☑ | **b.** Test unidentified materials | **Test** | **LOR** | **2202A.1.** |
| ☑ | **c.** Examine seam welds of HSS shapes | **Periodic** | **SI** | DSA IR 17-3. |
| ☑ | **d.** Verify and document steel fabrication per DSA-approved construction documents. | **Periodic** | **SI** | Not applicable to cold-formed steel light-frame construction, except for masonry (**1705A.2.4**). |
| | **S/A3. WELDING:** | | | |
| | **Test or Special Inspection** | **Type** | **Performed By** | **Code References and Notes** |
| ☑ | **a.** Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the WPS. | **Periodic** | **SI** | **1705A.2.5, Table 1705A.2.1 Items 4 & 5.** AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum. AWS D1.3 for cold-formed steel. AWS D1.4 for reinforcing steel. DSA IR 17-3. |
| ☑ | **b.** Verify weld filler material manufacturer's certificate of compliance. | **Periodic** | **SI** | DSA IR 17-3. |
| ☑ | **c.** Verify WPS, welder qualifications and equipment. | **Periodic** | **SI** | DSA IR 17-3. |
| | **S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):** | | | |
| | **Test or Special Inspection** | **Type** | **Performed By** | **Code References and Notes** |
| ☑ | **a.** Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds. | **Continuous** | **SI** | **Table 1705A.2.1 Items 5a.1–4** AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3. |
| ☑ | **b.** Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds. | **Periodic** | **SI** | **1705A.2.2, Table 1705A.2.1 Items 5.5a.5a.6;** AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3. |
| ☑ | **c.** Inspect welding of stairs and railing systems. | **Periodic** | **SI** | **1705A.2.1**. AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. |

"CONSTRUCTION OF" AND "STOCKPILE OF" EXAMPLE DSA 103 FORM (DSA 103 FORM NOT REQUIRED FOR RELOCATION OF CERTIFIED RAMP & LANDING).

THE EXAMPLE FORM DSA-103 SHOWN ON THIS SHEET IS FOR ILLUSTRATION PURPOSES ONLY TO ASSIST IN THE COMPLETION OF FUTURE PROJECT-SPECIFIC FORM DSA-103'S. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND THE EXAMPLE FORM DSA-103 IS TO BE CROSSED OUT ON THIS DRAWING.

TMP HCD 2013 - STEEL SHEET 1A.DWG

NOTES:

LOADS:

1. RAMP LIVE LOAD = 100 PSF
2. NO SNOW LOADING
3. NO FLOOD LOADING
4. WIND:
   WIND SPEED = 110 MPH
   RISK CATEGORY = II & III
   EXPOSURE = C
   $K_{ZT}$ = 1.0
   WIND DESIGN PER ASCE 7-16 CHAPTER 29
5. SEISMIC:
   RISK CATEGORY = II
   $I_e$ = 1.0
   $S_S$ = 2.55
   $S_1$ = 1.0
   SITE CLASS = D DEFAULT
   $S_{DS}$ = 1.428
   $C_S$ = 1.14 (ASCE 7-16 EQUATION 15.4-2)
   R = 1.25 (ASCE 7-16 TABLE 15.4-1)
   SEISMIC:
   RISK CATEGORY = III
   $I_e$ = 1.25
   $S_S$ = 1.43
   $S_1$ = 1.0
   SITE CLASS = D DEFAULT
   $S_{DS}$ = 1.14
   $C_S$ = 1.14 (ASCE 7-16 EQUATION 15.4-2)
   R = 1.25 (ASCE 7-16 TABLE 15.4-1)
6. ALLOWABLE SOIL BEARING = 1000 PSF

CODES: (TITLE 24 CODES)

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)....(PART 1, TITLE 24, CCR)

2022 CALIFORNIA BUILDING CODE (CBC), VOLUMES 1 AND 2 (PART 2, TITLE 24, CCR) (2021 EDITION INTERNATIONAL BUILDING CODE WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA FIRE CODE (CFC), (PART 9, TITLE 24, CCR) (2021 EDITION INTERNATIONAL FIRE CODE WITH 2022 CALIFORNIA AMENDMENTS)

2022 CALIFORNIA GREEN CODE (CGC), (PART 9, TITLE 24, CCR)

2022 CALIFORNIA REFERENCED CODE, (PART 12, TITLE 24, CCR)

2022 CODE SECTIONS FOR APPLICABLE STANDARDS
2022 CBC, CHAPTER 35

DSA APPROVALS

TABLE OF CONTENTS


| Sheet No. | Description | Dated | Revised |
|---|---|---|---|
| 1A | COVER SHEET (A) | 02 AUG 2023 | |
| 2A | ACCESSIBLE RAMP ELEVATIONS & DETAILS (A) | 02 AUG 2023 | |
| 3A | ACCESSIBLE RAMP DETAILS & NOTES (A) | 02 AUG 2023 | |
| 4A | DETAILS & NOTES (A) | 02 AUG 2023 | |
| 5A | ACCESSIBLE RAMP SWITCH BACK DETAILS (A) | 02 AUG 2023 | |
| 6A | STAIRS - OPTIONAL (A) | 02 AUG 2023 | |
| 7A | ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK(A) | 02 AUG 2023 | |
| 8A | ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS (A) | 02 AUG 2023 | |



TAVARES & ASSOCIATES
DESIGN ♦ CONSULTING ♦ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92128
PHONE:(858) 444-3344
WWW.RSTAVARES.COM


PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT
APPLICATION FOR CONSTRUCTION
IS REQUIRED

REGISTERED PROFESSIONAL ENGINEER
Mahdy P. Tadros
No. 53380
Exp. 03/31/24
CIVIL
STATE OF CALIFORNIA
02/12/24

DATE SIGNED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122282 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

COVER SHEET (A)

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE:

STATE OF CALIFORNIA

PC -2022 CBC

DRAWN

CHECKED

DATE
02 AUG 2023

SCALE

JOB NO.

1A

9 OF 16 SHEETS

DSA STAMP


STUDIO W ARCHITECTS
Studio W Architects
1930 H Street, Sacramento, CA 95811
[ T ] 916.254.5600, www.StudioW-Architects.com


| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRIAN P. WHITEMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA<br>DATE SIGNED: 03.10.25 | |

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| NO. | REMARKS | DATE |
|---|---|---|
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| | | |
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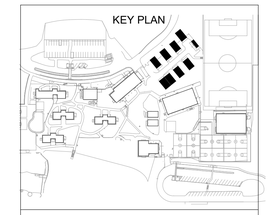
DRAWING STATUS — DATE

- ○ DSA PLAN CHECK
- ● DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

KEY PLAN



PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

COVER SHEET (A)

| | |
|---|---|
| Date 04/06/2026 | Project Number 25044 |
| Application Number 02-124033 | Drawing Number 1A |
| Drawn / Author | Checked / Checker |

PRINT DATE: 4/17/2025 2:46:23 PM
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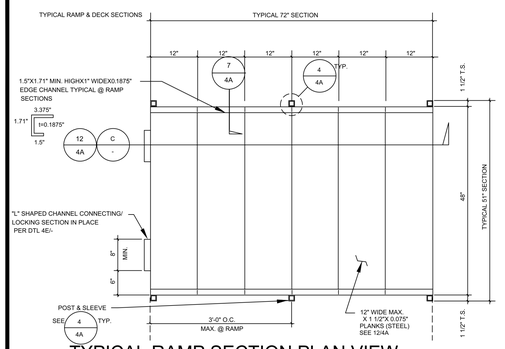
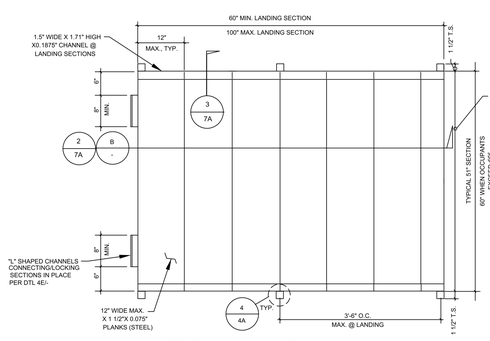



## TYPICAL RAMP SECTION PLAN VIEW (A)

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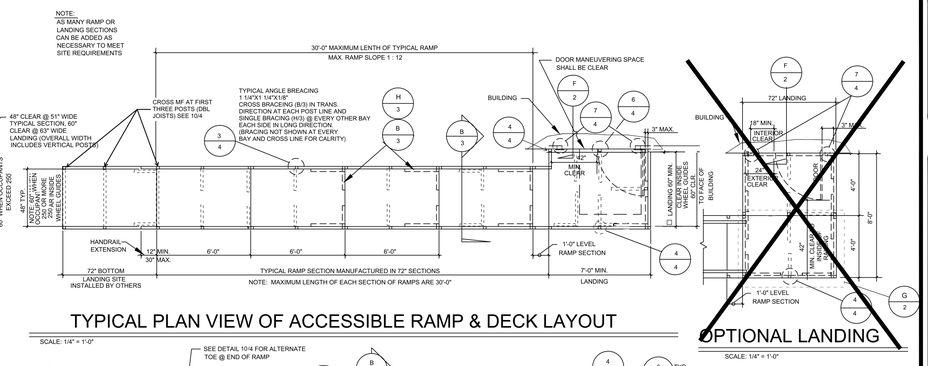
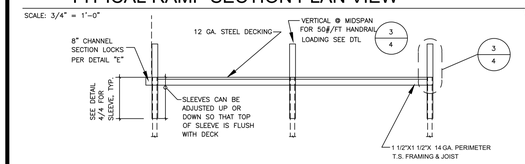


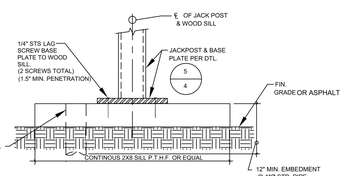

## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT



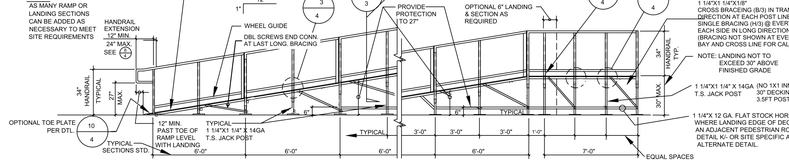

## OPTIONAL LANDING




## SIDE/END VIEW OF LEVEL DECK SECTION (B)



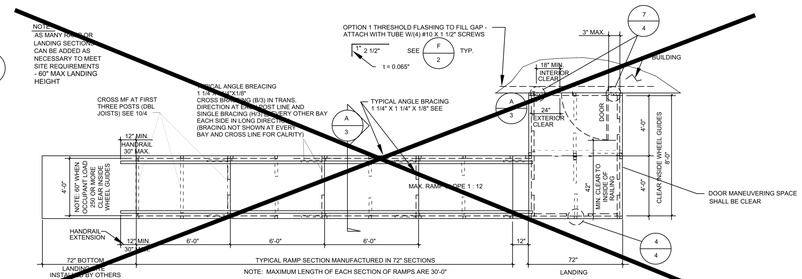

## ALTERNATE WOOD SILLS @JACK POST TO GRADE OR ASPHALT WHERE CONCRETE DOES NOT OCCUR (J)



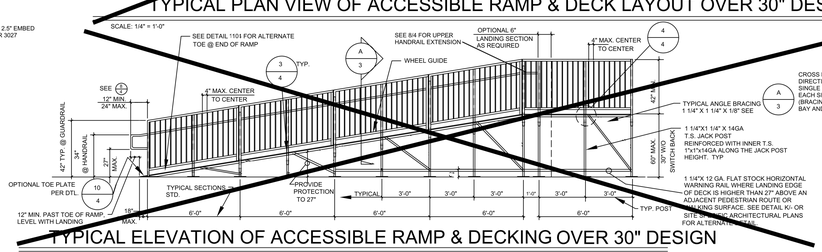

## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING 30" OR LESS

SCALE: 1/4" = 1'-0"

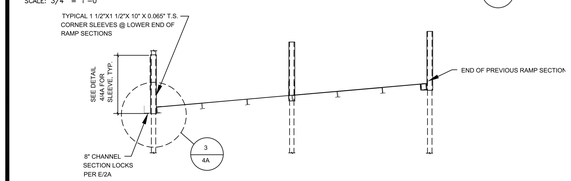
NOTE: SEE SHEET 3A FOR HANDRAIL SIZES



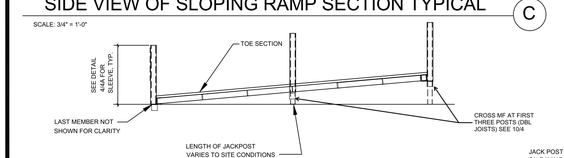

## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN



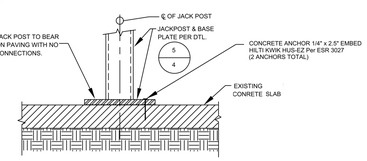

## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING OVER 30" DESIGN



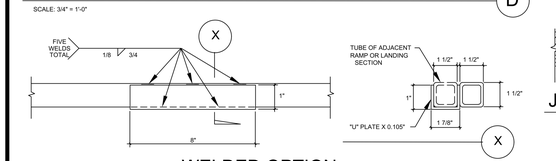

## SIDE VIEW OF SLOPING RAMP SECTION TYPICAL (C)



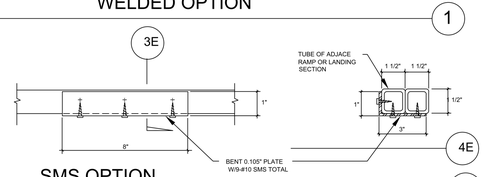

## TOE SECTION (D)




## JACK POST TO PAVING (JA)

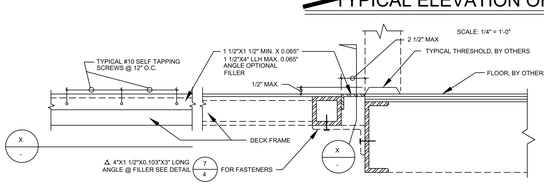



## WELDED OPTION (1)




## SMS OPTION (2)

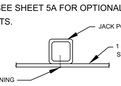
## 8" CHANNEL SECTION (E)




## FILLER DETAIL (F)

NOTE: 1. SEE PLAN SHEET 3A FOR HANDRAIL/GUARDRAIL SIZES.

2. PROVIDE INTERMEDIATE LANDINGS AND SWITCH BACK OR MULTIPLE RAMP SECTIONS AS REQUIRED WHERE ELEVATION DIFFERENCE AT RAMP EXCEEDS 30" MAX. RISE, SEE SHEET 5A FOR OPTIONAL RAMP/LANDING LAYOUTS.




## (K)

DSA APPROVALS

TAVARES ASSOCIATES
DESIGN ◆ CONSULTING ◆ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92128
PHONE:(858) 444-3344
WWW.RSTAVARES.COM

PRE-CHECK (PC) DOCUMENT
CODE: 2022 CBC
A SEPARATE PROJECT
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DATE SIGNED

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122262 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐ CG ☐
DATE: 02/14/2024

ACCESSIBLE RAMP ELEVATIONS & DETAILS (A)

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE:
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-2022 CBC
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JOB NO.

2A
10 OF 16 SHEETS

DSA STAMP

STUDIO W ARCHITECTS
Studio W Architects
1930 H Street, Sacramento, CA 95811
[ T ] 916.254.5600, www.StudioW-Architects.com

| ARCHITECT | ENGINEER |
|---|---|
| LICENSED ARCHITECT BRYAN P. WHITMORE No. C 30345 Ren. 9/30/25 STATE OF CALIFORNIA DATE SIGNED: 03.10.25 | |

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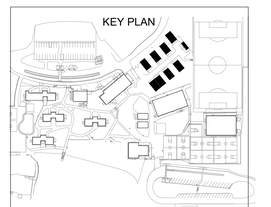
REGISTERED PROFESSIONAL ENGINEER MARTIN D. FRANCOM No. S3380 Ex. 03/31/24 STRUCTURAL STATE OF CALIFORNIA
02/12/24

REVISION HISTORY

| NO. | REMARKS | DATE |
|---|---|---|
| | | |

DRAWING STATUS — DATE
- ○ DSA PLAN CHECK
- ● DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

KEY PLAN



PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

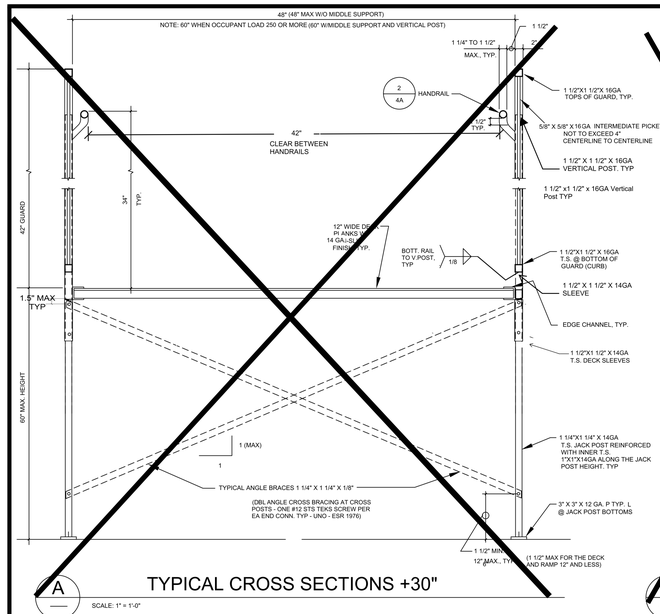
PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

ACCESSIBLE RAMP ELEVATIONS & DETAILS (A)

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 2A |
| Drawn / Checked | |
| Author / Checker | |

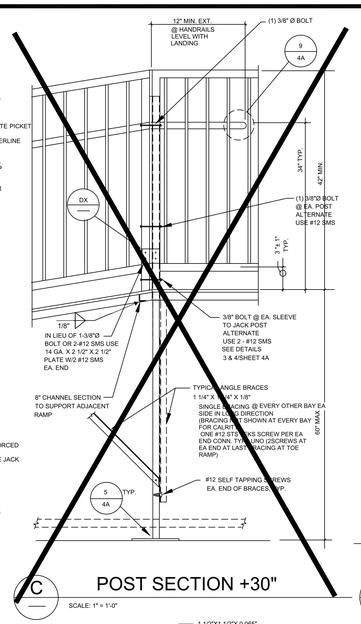
PRINT DATE: 4/17/2025 2:46:31 PM
FILE PATH: Autodesk Docs://PUSD Pine Ridge Portables Boys & Girls Club/PUSD Pine Ridge Portables Boys & Girls Club.rvt

TMP HCD 2013 STEEL SHEET 2A.DWG




A TYPICAL CROSS SECTIONS +30"

SCALE: 1" = 1'-0"




C POST SECTION +30"

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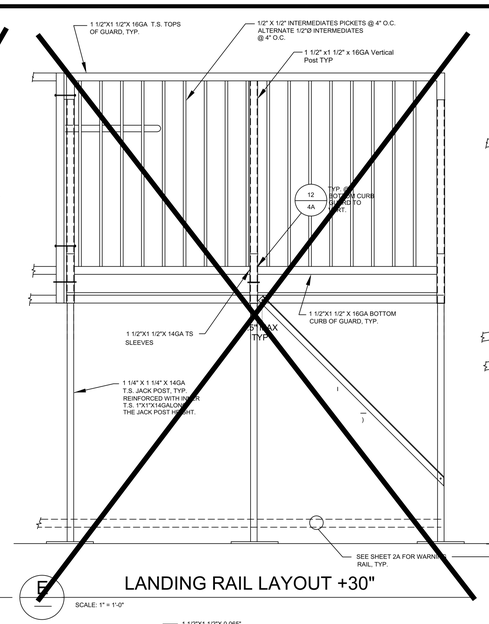
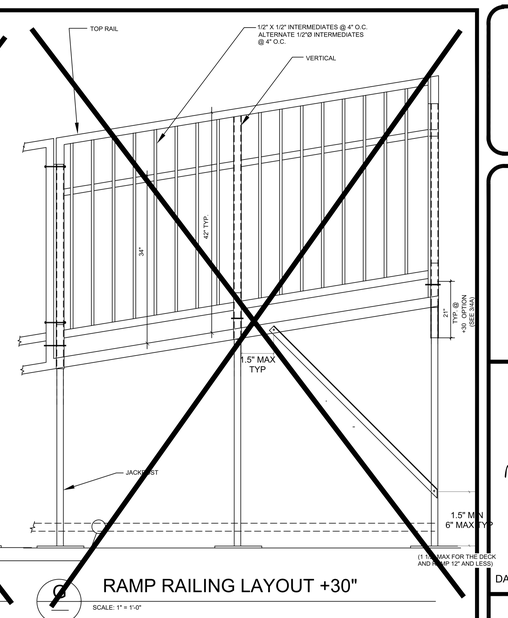



E LANDING RAIL LAYOUT +30"

SCALE: 1" = 1'-0"




G RAMP RAILING LAYOUT +30"

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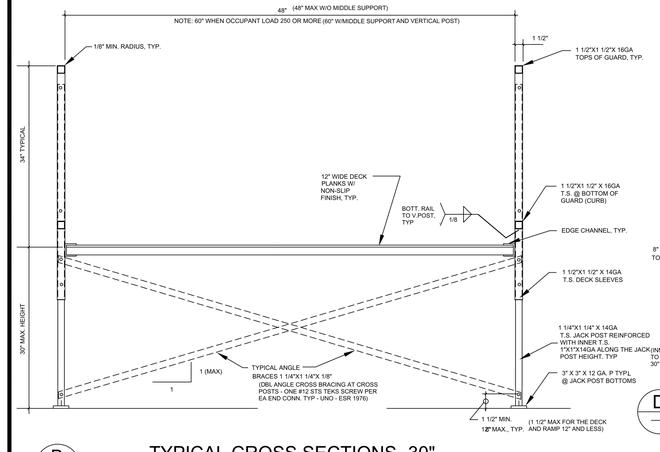


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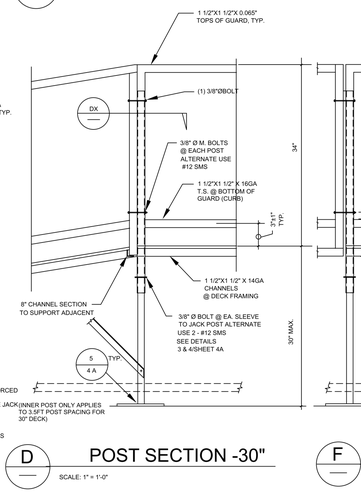


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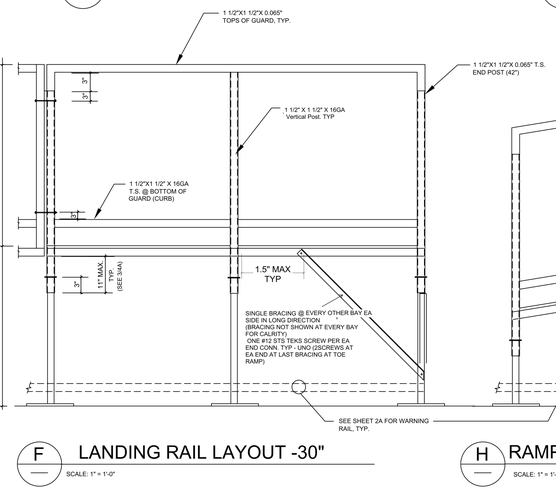
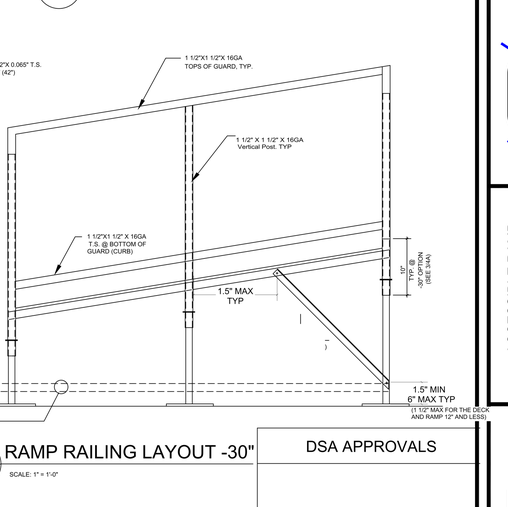


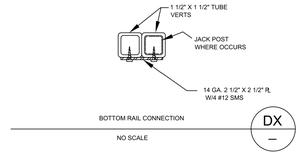

F LANDING RAIL LAYOUT -30"

SCALE: 1" = 1'-0"




H RAMP RAILING LAYOUT -30"

SCALE: 1" = 1'-0"




NO SCALE

DSA APPROVALS

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11590 W. BERNARDO COURT, SUITE 105
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SITE:

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DRAWING STATUS — DATE

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- ○ CONSTRUCTION

KEY PLAN



PARADISE UNIFIED SCHOOL DISTRICT
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PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
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ACCESSIBLE RAMP DETAILS & NOTES (A)

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
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| 02-124033 | 3A |
| Drawn / Checked | |
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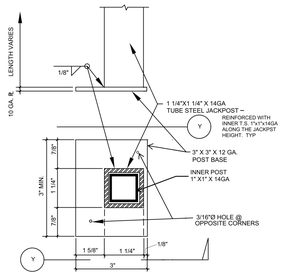
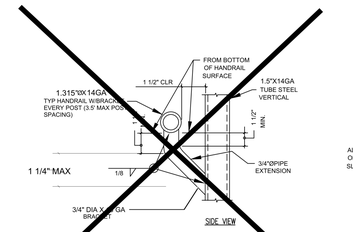
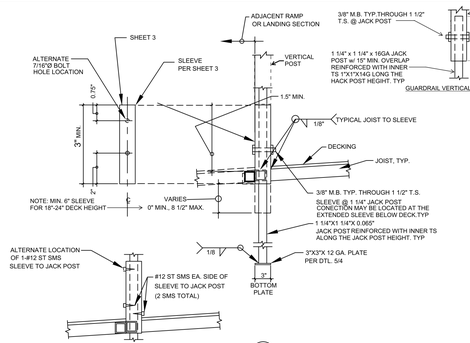
TMP-HCD 2013 STEEL SHEET 3A.DWG



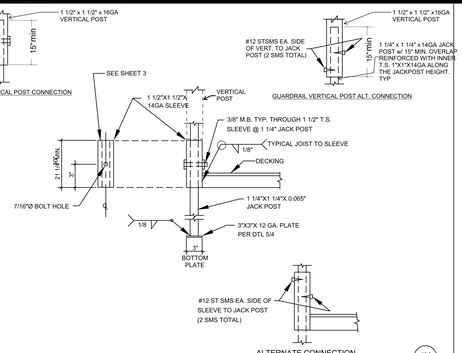

POST BASE AT ADJACENT POSTS




TYPICAL HANDRAIL ARMS




RAMP POST SLEEVES 1 1/2" T.S.




LANDING POST SLEEVES 1 1/2" T.S.

NOTES:

CODES:
2022 CALIFORNIA BUILDING CODE (CBC)

DESIGN LOADS:
LIVE LOAD: 100 PSF
WIND LOAD: SEE SHEET 1A
SEISMIC: SEE SHEET 1A
HANDRAIL & GUARD RAIL LOADS:
50#/FT
200# POINT LOAD

MATERIAL SPECIFICATIONS:
STEEL: ALL PLANKS, ANGLE, CHANNELS, ETC. SHALL BE ASTM A1011SS GRADE 40 (Fy = 40 KS1, MIN.)
ALL TUBE STEEL ASTM A572 GRADE 65 (Fy = 65KSI) OR SIMILAR/BETTER
ALL STEEL TO BE COATED WITH A RUST INHIBITIVE COATING
ALL ROUND TUBE STEEL TO BE ASTM A500 ROUND GRADE C (FY=46KSI) OR SIMILAR/BETTER
BOLTS: ASTM A307 COMMON BOLTS HOT DIPPED GALVANIZED W/ STAINLESS STEEL WASHERS
PLYWOOD OPTION: APA RATED STRUCT I EXTERIOR PLYWOOD
WELDS: ALL WELDING SHALL CONFORM TO "AMERICAN WELDING SOCIETY D-1.3-2008 FOR SHEET STEEL.
ELECTRODES SHALL BE E70XX.

GENERAL NOTES:
1) RAMPS HAVING SLOPES STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL SHALL HAVE LANDINGS AT TOP AND BOTTOM AND AT LEAST ONE INTERMEDIATE LANDING SHALL BE PROVIDED FOR EACH 30" OF RISE. PER CBC 11B-405.7.

2) LOCATION OF LANDINGS.
LANDINGS SHALL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP.
INTERMEDIATE LANDINGS SHALL BE PROVIDED AT INTERVALS NOT EXCEEDING 30 INCHES OF VERTICAL RISE AND AT EACH CHANGE OF DIRECTION . LANDINGS ARE NOT CONSIDERED IN DETERMINING THE MAXIMUM HORIZONTAL DISTANCE OF EACH RAMP.

NOTE: EXAMPLES OF RAMP DIMENSIONS ARE:

| SLOPE | MAX. RISE (INCHES) | MAX. HORIZONTAL PROJECTION |
|---|---|---|
| 1:12 | 30 | 30'-0" |
| 1:16 | 30 | 40'-0" |
| 1:20 | 30 | 50'-0" |
| 1:15 | 30 | 37'-6" |

2. SIZE OF TOP LANDINGS. TOP LANDINGS SHALL NOT BE LESS THAN 60 INCHES WIDE AND SHALL HAVE A LENGTH OF NOT LESS THAN 60 INCHES IN THE DIRECTION OF RAMP RUN. PER CBC 11B-405.7.2 AND .3.

3) DOORS IN ANY POSITION SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE LANDING TO LESS THAN 42" AND SHALL NOT REDUCE THE REQUIRED WIDTH BY MORE THAN 3" WHEN FULLY OPENED, CBC 11B-405.7.5.

4) RAMPS SHALL BE CONSTRUCTED AS REQUIRED FOR STAIRWAYS.

5) THE SURFACE OF RAMPS SHALL BE ROUGHED OR SHALL BE OF SLIP-RESISTANT MATERIAL, TYP. FOR LANDINGS & STAIRS.

6) RAMPS REQUIREMENTS SHALL BE PER CBC 11B-405.

7) RAMPS AND STAIRWAYS USED AS EXIT SHALL CONFORM TO CBC SEC. 1009 SEC. 1010, CHAPTER 11B AND 11B-405.5.

8) HANDRAILS AND GUARDRAILS SHALL CONFORM TO CBC 11B-405.8 (RAMP), AND 11B-504 (STAIRS).

9) RAMPS SHALL CONFORM TO CBC 11B-405.

10) STRIKE EDGE EXTENSION THE WIDTH OF THE LANDING SHALL EXTEND 24" PAST THE STRIKE EDGE OF ANY DOOR OR GATE FOR EXTERIOR RAMPS AND 18" PAST THE STRIKE EDGE FOR INTERIOR RAMPS.

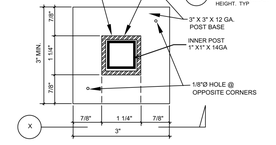
11) LANDING WIDTH. AT BOTTOM AND INTERMEDIATE LANDINGS, THE WIDTH SHALL BE AT LEAST THE SAME AS REQUIRED FOR RAMPS, CBC 11B-405.7.4.

12) THE WIDTH OF RAMPS SHALL BE AS REQUIRED PER STAIRWAYS AND EXITS, CBC 11B-405.5.

13) SLOPE RAMPS AND LANDINGS AS REQUIRED TO PREVENT ACCUMULATION OF WATER ON WALKING SURFACES.

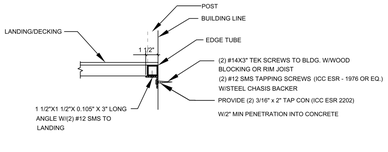
14) ALL WORK SHALL CONFORM TO TITLE 24 CALIFORNIA CODE OF REGULATIONS TITLE 24, CCR.

15) SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING WORK:
MATERIAL VERIFICATION
DSA SPECIAL INSPECTOR: CLASS 4
(ON SITE)



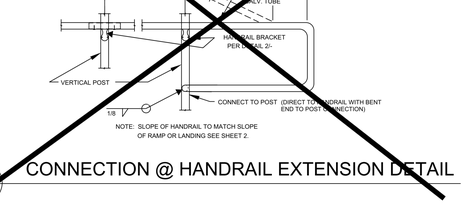

POST BASE

DETAIL NOT USED

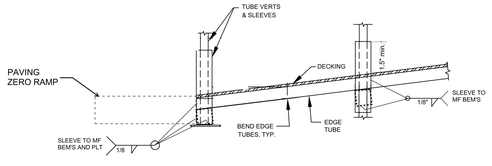



LANDING TO BUILDING

NOTE: DECK SECTIONS ARE FREE STANDING FOR VERTICAL LOADS.




CONNECTION @ HANDRAIL EXTENSION DETAIL




TOE @ END OF RAMP

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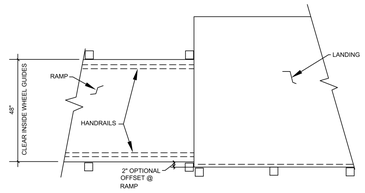


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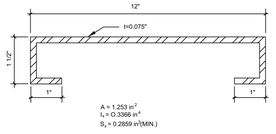


STEEL PLANK

NO SCALE

DSA APPROVALS

TMP HCO 2013 STEEL SHEET 4A.DWG

PRINT DATE: 4/17/2025 2:46:51 PM
FILE PATH: Autodesk Docs://PUSD Pine Ridge Portables Boys & Girls Club/PUSD Pine Ridge Portables Boys & Girls Club.rvt

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02/12/24

DATE SIGNED:

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122082 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☑ CG ☐
DATE: 02/14/2024

| NO. | REMARKS | DATE |
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| | | |

REVISION HISTORY

DRAWING STATUS — DATE
- ○ DSA PLAN CHECK
- ● DSA BACK CHECK
- ○ BIDDING
- ○ CONSTRUCTION

KEY PLAN

PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE
PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

DETAILS AND NOTES

DETAILS AND NOTES (A)

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX:. (951)213 3997

SITE:

STATE OF CALIFORNIA
-2022 CBC
PC

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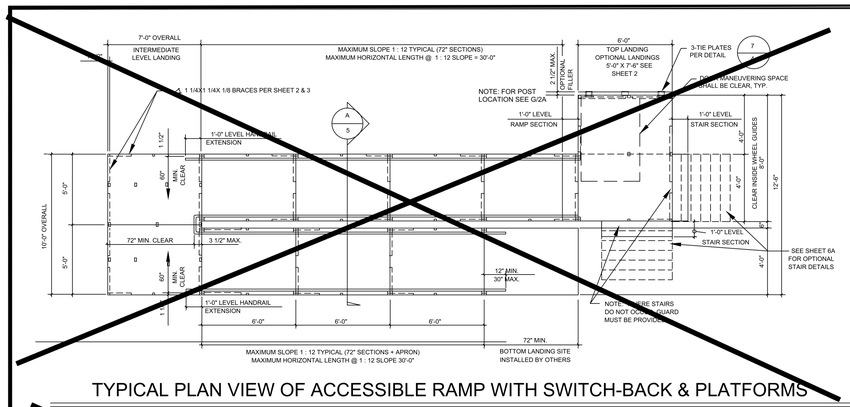
CHECKED
DATE 02 AUG 2023
SCALE
JOB NO.

4A

12 OF 16 SHEETS


TAVARES ASSOCIATES
DESIGN ▼ CONSULTING ▼ PROJECT MGT
11590 W. BERNARDO COURT, SUITE 105
SAN DIEGO, CA 92128
PHONE(858) 444-3344
WWW.RSTAVARES.COM

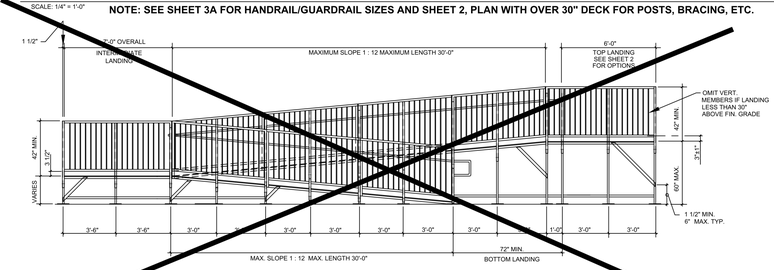

Date 04/06/2026
Project Number 25044
Application Number 02-124033
Drawing Number 4A
Drawn
Checked
Author
Checker




TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

SCALE: 1/4" = 1'-0"

**NOTE: SEE SHEET 3A FOR HANDRAIL/GUARDRAIL SIZES AND SHEET 2, PLAN WITH OVER 30" DECK FOR POSTS, BRACING, ETC.**




TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP

SCALE: 1/4" = 1'-0"

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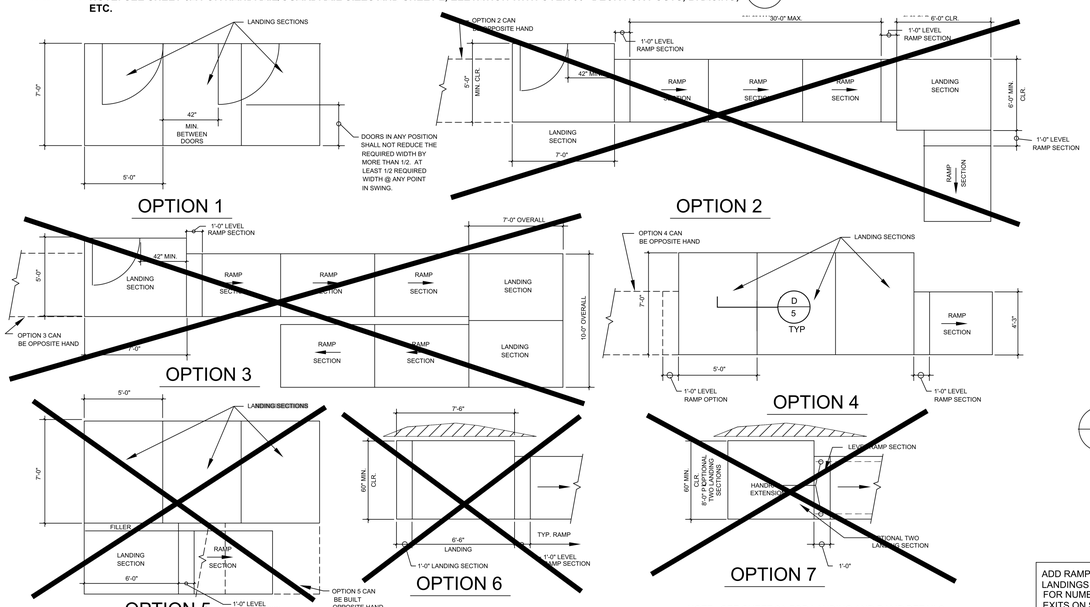
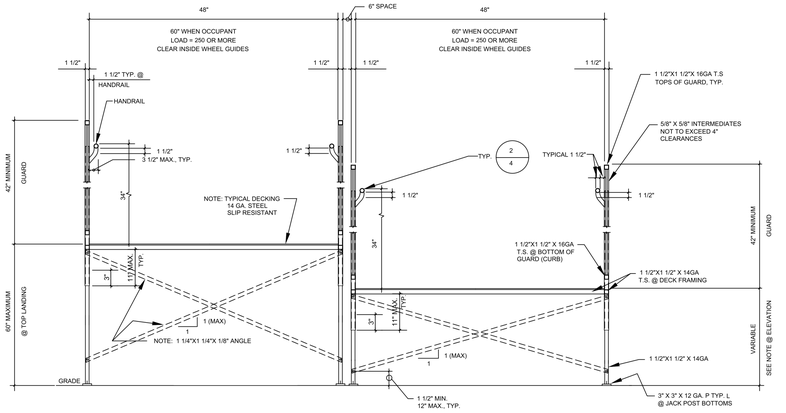



MULTIPLE LANDINGS AND RAMPS

NOTE: SEE SHEET 2A FOR LANDING AND RAMP DETAILS, SEE SHEET 6A FOR TYPICAL STAIRS

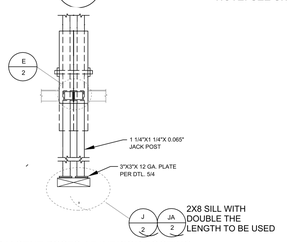
ADD RAMPS, STAIRS, LANDINGS AS REQUIRED FOR NUMBER OF EXITS ON SITE PLAN FOR SPECIFIC PROJECTS.



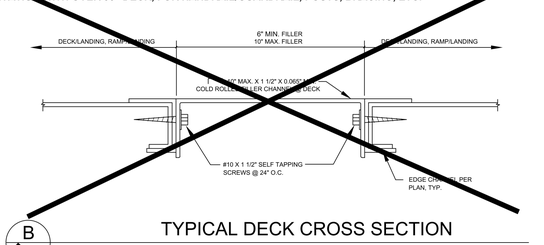

TYPICAL CROSS SECTIONS

**NOTE: SEE SHEET 3A, ELEVATION WITH OVER 30" DECK, FOR HANDRAIL/GUARDRAIL, POSTS, BRACING, ETC.**

SCALE: 1" = 1'-0"

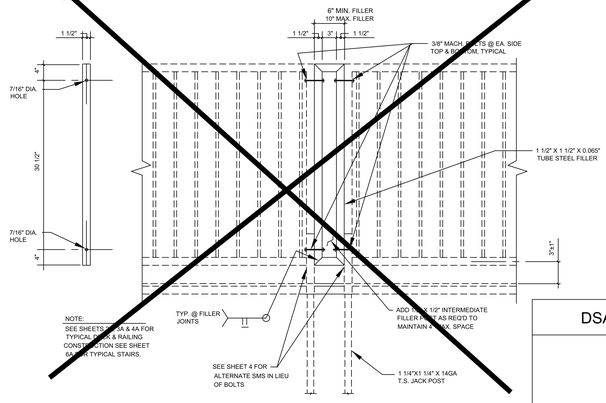



D ADJACENT POSTS AT INERIOR FOOTING




TYPICAL DECK CROSS SECTION

SCALE: 1/2" = 1'-0"




C TYPICAL GUARDRAIL FILLER

SCALE: 3/4" = 1'-0"

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SAN DIEGO, CA 92128
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Mario P. Stavares — No. 53380 — Exp. 03/31/24 — STRUCTURAL ENGINEER — STATE OF CALIFORNIA
02/12/24

DATE SIGNED

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- ○ DSA PLAN CHECK
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- ○ BIDDING
- ○ CONSTRUCTION

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-122263 PC
REVIEWED FOR
SS ☑ FLS ☑ ACS ☐ CG ☐
DATE: 02/14/2024

ACCESSIBLE RAMP SWITCHBACK DETAILS (A)

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE:
STATE OF CALIFORNIA
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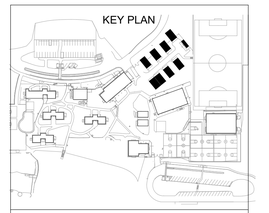
JOB NO.

5A
13 OF 16 SHEETS

KEY PLAN



PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
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MAGALIA, CA 95954

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| Date | Project Number |
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| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 5A |
| Drawn / Checked | |
| Author / Checker | |


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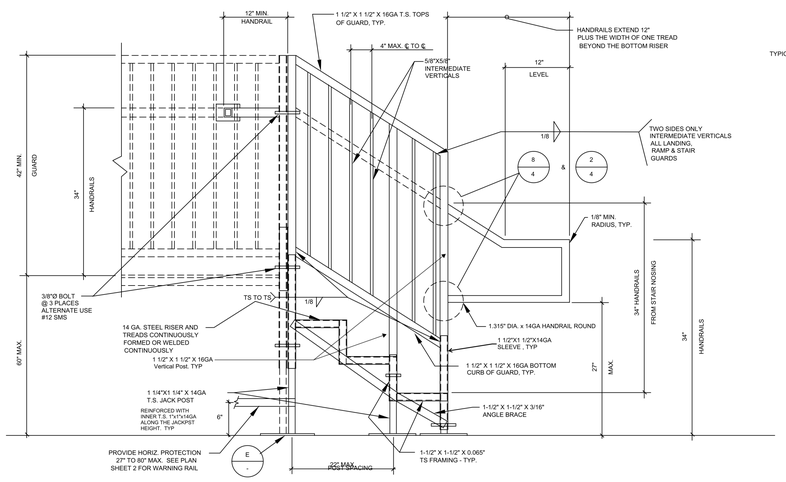
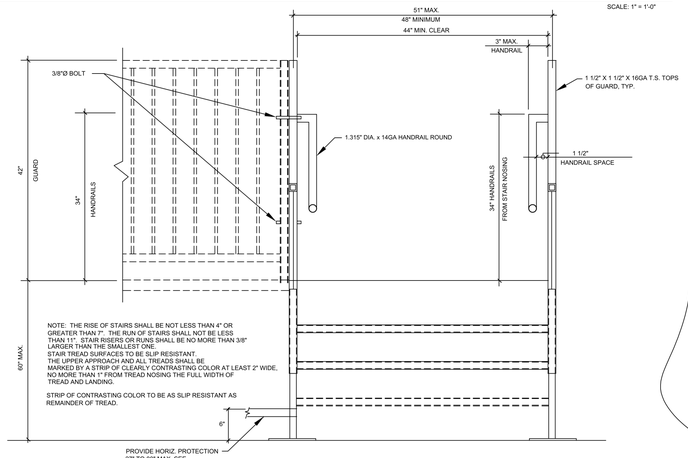
TMP HCO 2013 STEEL SHEET SA.DWG




A

SIDE VIEW

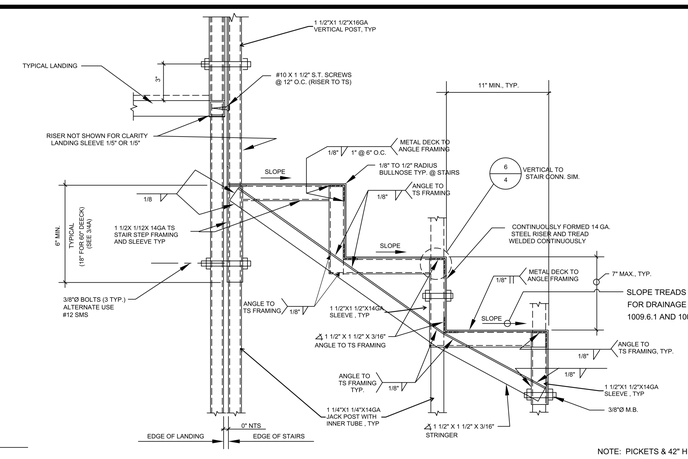
SCALE: 1" = 1'-0"




C

FRONT VIEW

SCALE: 1" = 1'-0"

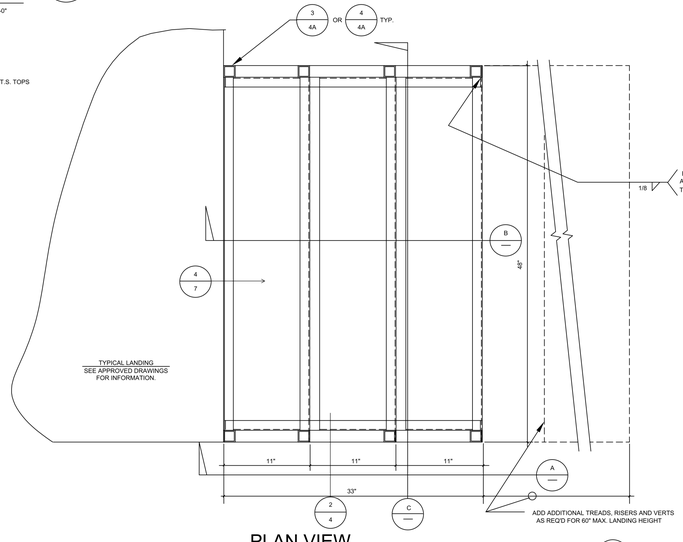



SECTION

NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE.
FOR THRESHOLD HEIGHTS LESS THAN 30" ABOVE FINISH GRADE, PICKETS CAN BE OMITTED & HANDRAIL WILL ACT AS GUARD.

B

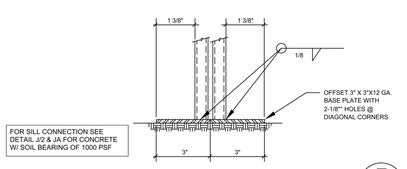
NOT TO SCALE




PLAN VIEW

NOT TO SCALE

D




**NOTE: SEE DETAIL D/5A FOR FOUNDATION ANCHOR**

E

TMP HCD 2013 STEEL SHEET 6A.DWG

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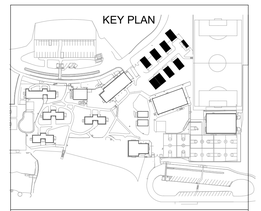

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PARADISE, CA 95969

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PUSD PINE RIDGE

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| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
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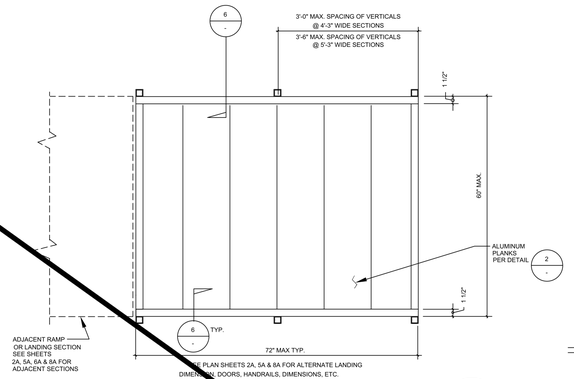
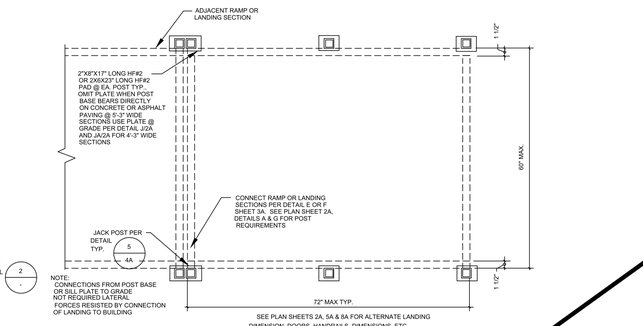
| 02-124033 | 6A |
| Drawn / Checked | |
| Author / Checker | |




LANDING OR RAMP SECTION 1B -




NOTE:
CONNECTIONS FROM POST BASE OR SILL PLATE TO GRADE NOT REQUIRED LATERAL FORCES RESISTED BY CONNECTION OF LANDING TO BUILDING

FOOTINGS @ LANDING OR RAMP SECTION 1A -

NOTES:

MATERIAL SPECIFICATIONS:

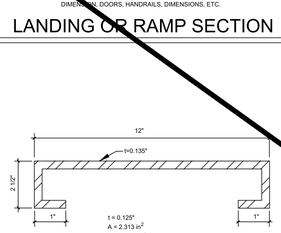
| | |
|---|---|
| ALUMINUM: | |
| 2"X2"X0.093" & 1 3/4"x1 3/4" x3/16" TUBE | 6061-T6 |
| 2"X1 1/2"X1/8" CHANNEL | 6061-T6 |
| DECK PLANKS | 6061-T6 |
| STAIR PLANKS | 6061-T6 |

BOLTS: TYPE 304 STAINLESS STEEL BOLTS WITH STAINLESS STEEL WASHERS.

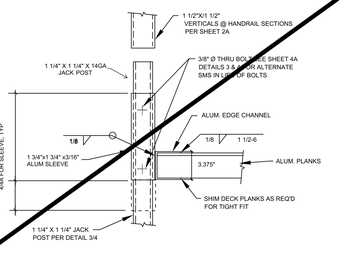
WELDS: ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY D1.2 FOR ALUMINUM*, ELECTRODES SHALL BE 5356 OR 5554.

SEE SHEET 4 FOR GENERAL NOTES

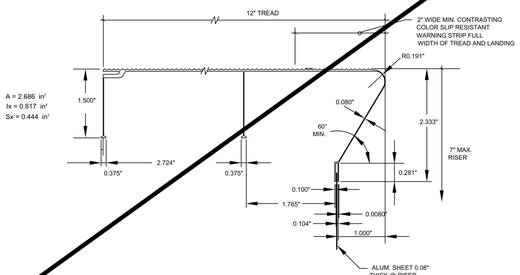
NOTE: PROPER TREATMENT AT CONTACT ALUM. TO STEEL SURFACE TO BE PROVIDED PER ADM REQUIREMENT




ALUM. PLANKING 2 -

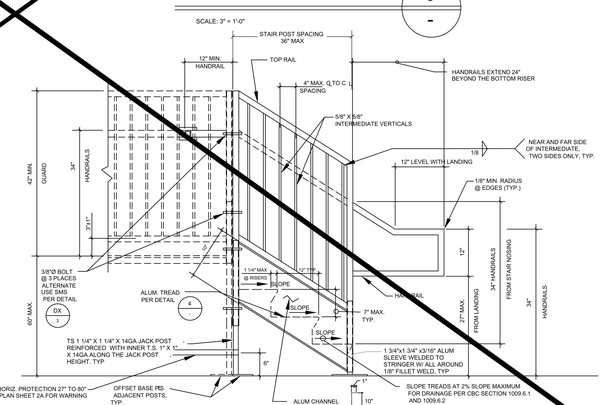



ALUM. SLEEVE DETAIL 3 -




ALUM. STAIR TREAD 4 -

SCALE: 3/4" = 1"




STAIRS 5 -

SCALE: 3/4" = 1'-0" **NOTE: SEE SHEET 6A ALL STEEL FRAMING, GUARDRAILS, POSTS, ETC.**

NOTE: PICKETS & 42" HIGH GUARD REQUIRED FOR THRESHOLD HEIGHTS GREATER THAN 30" ABOVE FINISH GRADE.
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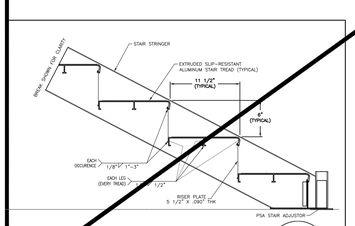
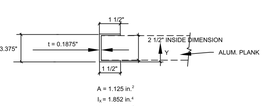



STAIRWAY CROSS SECTION
(RAILINGS OMITTED FOR CLARITY)
(NOTE: OTHER STAIRS SIMILAR)

7A -




ALUM EDGE CHANNEL @ RAMP 6 -

SCALE: 3" = 1'-0"

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ACCESSIBLE RAMP
OPTIONAL ALUMINUM DECK(A)

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RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

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KEY PLAN

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DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

ACCESSIBLE RAMP OPTIONAL ALUMINUM DECK (A)

| Date | Project Number |
|---|---|
| 04/06/2026 | 25044 |
| Application Number | Drawing Number |
| 02-124033 | 7A |
| Drawn / Author | Checked / Checker |

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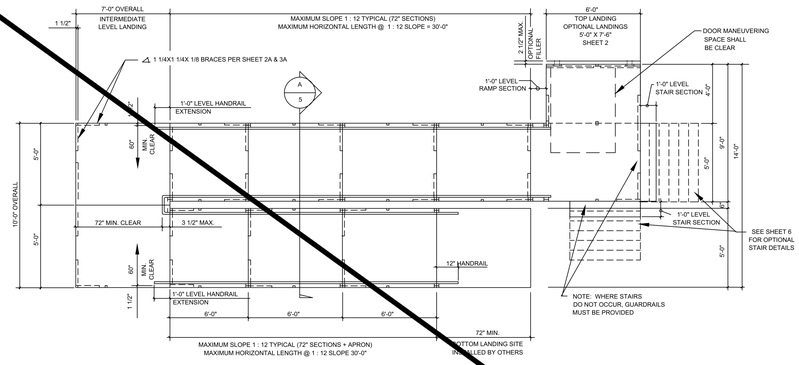
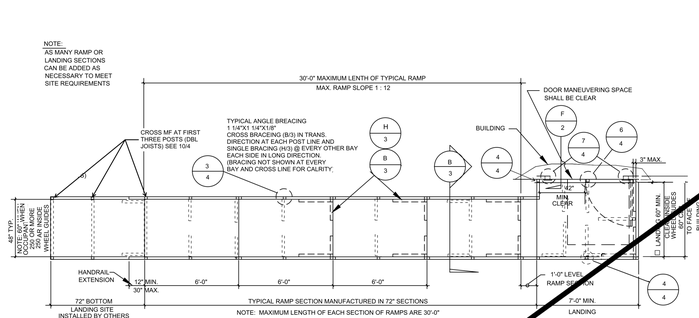
C:\BIM 360\2013 STEEL SHEET 7A.DWG



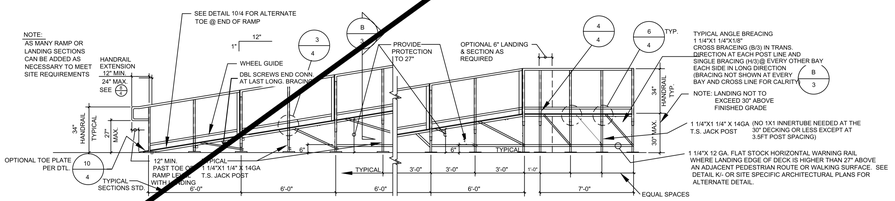

## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP WITH SWITCH-BACK & PLATFORMS

SCALE: 1/4" = 1'-0"




## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT

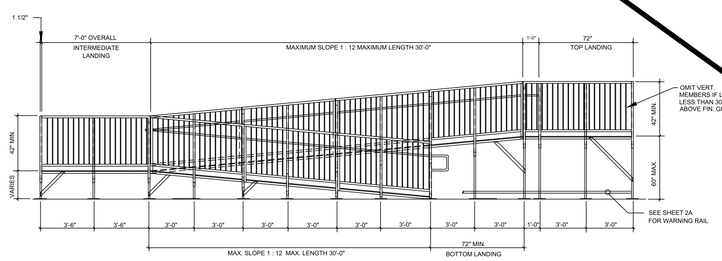
SCALE: 1/4" = 1'-0"




## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING 30" OR LESS

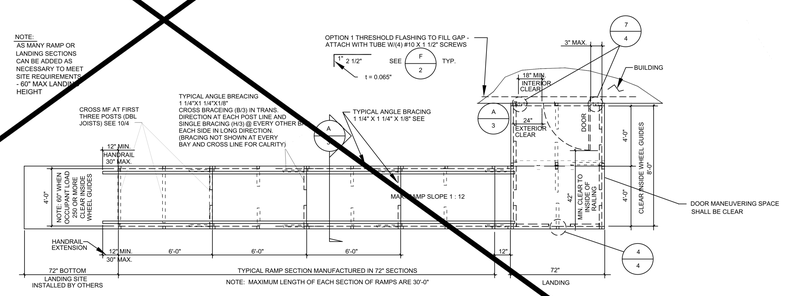
SCALE: 1/4" = 1'-0"

NOTE: SEE SHEET 3A FOR HANDRAIL SIZES



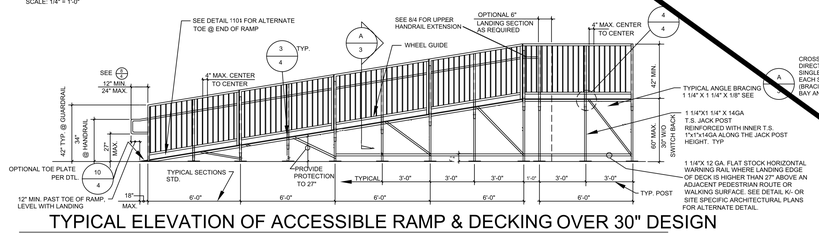

## TYPICAL ELEVATION OF ACCESSIBLE RAMP W/SWITCH-BACK RAMP W/ 5'-0" WIDE RAMPS

SCALE: 1/4" = 1'-0"




## TYPICAL PLAN VIEW OF ACCESSIBLE RAMP & DECK LAYOUT OVER 30" DESIGN

SCALE: 1/4" = 1'-0"




## TYPICAL ELEVATION OF ACCESSIBLE RAMP & DECKING OVER 30" DESIGN

SCALE: 1/4" = 1'-0"

NOTE: 1. SEE PLAN SHEET 3A FOR HANDRAIL/GUARDRAIL SIZES.

2. PROVIDE INTERMEDIATE LANDINGS AND SWITCH BACK OR MULTIPLE RAMP SECTIONS AS REQUIRED WHERE ELEVATION DIFFERENCE AT RAMP EXCEEDS 30" MAX. RISE, SEE SHEET 5A FOR OPTIONAL RAMP/LANDING LAYOUTS.

TMP DSA RAMP & LANDING STEEL SHEET ALONG

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REGISTERED PROFESSIONAL ENGINEER MARK D. FRENCH No. S3380 Exp. 03/31/24 STRUCTURAL STATE OF CALIFORNIA
02/12/24

DATE SIGNED

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DIV. OF THE STATE ARCHITECT
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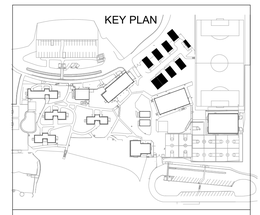
KEY PLAN



ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS(A)

TMP SERVICES
2929 KANSAS AVE.
RIVERSIDE, CA 92507
PHONE: (951)213-3900
FAX: (951)213 3997

SITE: STATE OF CALIFORNIA -2022 CBC PC

PARADISE UNIFIED SCHOOL DISTRICT
6696 CLARK ROAD,
PARADISE, CA 95969

DSA SUBMITTAL

PUSD PINE RIDGE

PORTABLES ACCESS UPGRADES, FOUNDATION REPAIR, FINISHES REPLACEMENT
13878 COMPTON DRIVE.,
MAGALIA, CA 95954

ACCESSIBLE RAMP ELEVATIONS & PLAN VIEWS (A)

DRAWN
CHECKED
DATE 02 AUG 2023
SCALE
JOB NO.

8A

16 OF 16 SHEETS

Date 04/06/2026
Project Number 25044
Application Number 02-124033
Drawing Number 8A
Drawn Author
Checked Checker