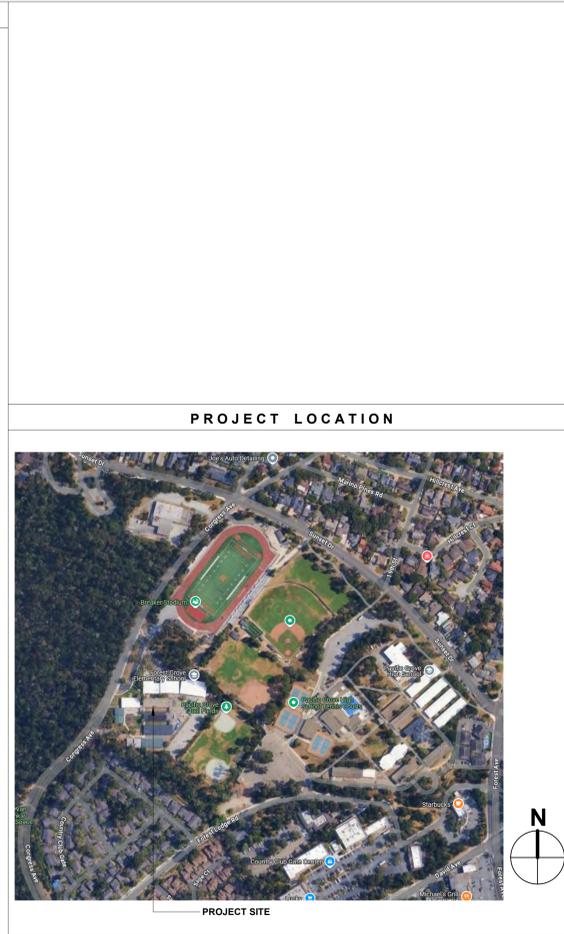


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STANDARD ABBREVIATIONS table with columns for symbol and description. Includes symbols for AND, PERCENT, AIR CONDITIONING, ACCESSORY, AMERICANS with DISABILITIES ACT, etc.

GENERAL NOTES table with numbered list of notes. Includes notes like 'DO NOT SCALE THE DRAWINGS. EVERY ATTEMPT HAS BEEN MADE TO SHOW ITEMS TO SCALE...', 'DIMENSIONS TO EXISTING CONSTRUCTION ARE GIVEN TO FACE OF FINISH...', etc.



GENERAL LEGEND table defining symbols for TAGS AND MARKERS, ELEVATION REFERENCE, SECTION REFERENCE, DETAIL REFERENCE, PC DETAIL REFERENCE, GRAPHIC SCALE & NORTH ARROW, and KEYNOTE NUMBER.

PROJECT DRAWINGS table listing drawing titles and sheet numbers. Includes categories like GENERAL (COVER SHEET, FIRE LIFE SAFETY PLAN), CIVIL (DEMOLITION PLAN, GRADING & DRAINAGE PLAN), ARCHITECTURAL (DEMO SITE PLAN, CAMPUS SITE PLAN), etc.

BID SET SUBMITTAL form containing OWNER(S), PROJECT TEAM, DEFERRED SUBMITTALS, SCOPE OF WORK SUMMARY, STATEMENT OF GENERAL COMPLIANCE, and a Revision Schedule table.

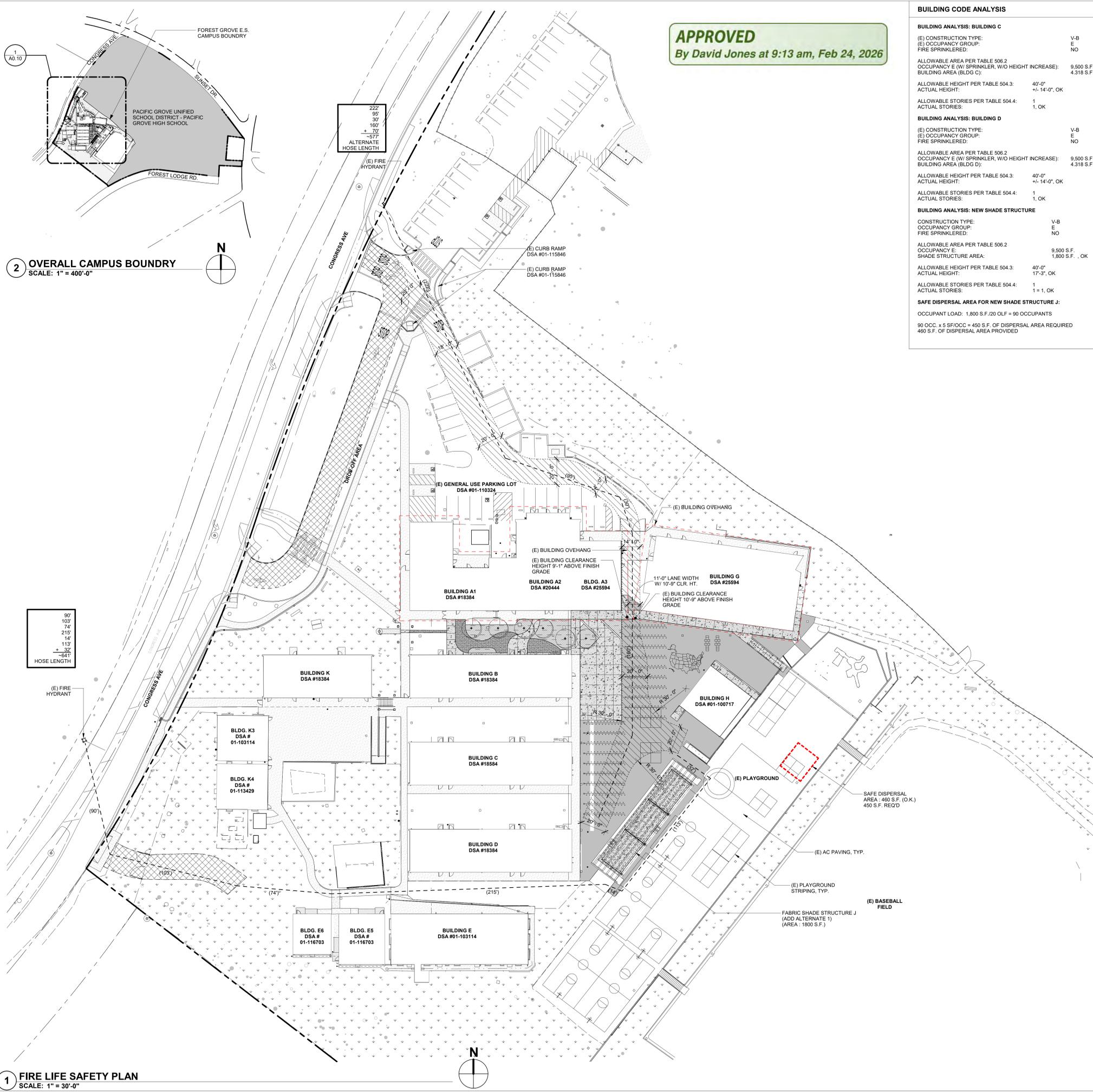
Professional Seals and project information for Derivi Castellanos Architects, including contact details, project title 'PACIFIC GROVE UNIFIED SCHOOL DISTRICT FOREST GROVE ELEMENTARY SCHOOL SITE IMPROVEMENTS', and sheet number 'A0.0'.

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APPROVED
By David Jones at 9:13 am, Feb 24, 2026

2 OVERALL CAMPUS BOUNDRY
SCALE: 1" = 400'-0"

1 FIRE LIFE SAFETY PLAN
SCALE: 1" = 30'-0"



BUILDING CODE ANALYSIS	
BUILDING ANALYSIS: BUILDING C	
(E) CONSTRUCTION TYPE:	V-B
(E) OCCUPANCY GROUP:	E
FIRE SPRINKLERED:	NO
ALLOWABLE AREA PER TABLE 506.2	9,500 S.F.
OCCUPANCY E (W/ SPRINKLER, W/O HEIGHT INCREASE):	4,318 S.F. . OK
BUILDING AREA (BLDG C):	
ALLOWABLE HEIGHT PER TABLE 504.3:	40'-0"
ACTUAL HEIGHT:	+/- 14'-0", OK
ALLOWABLE STORIES PER TABLE 504.4:	1
ACTUAL STORIES:	1, OK
BUILDING ANALYSIS: BUILDING D	
(E) CONSTRUCTION TYPE:	V-B
(E) OCCUPANCY GROUP:	E
FIRE SPRINKLERED:	NO
ALLOWABLE AREA PER TABLE 506.2	9,500 S.F.
OCCUPANCY E (W/ SPRINKLER, W/O HEIGHT INCREASE):	4,318 S.F. . OK
BUILDING AREA (BLDG D):	
ALLOWABLE HEIGHT PER TABLE 504.3:	40'-0"
ACTUAL HEIGHT:	+/- 14'-0", OK
ALLOWABLE STORIES PER TABLE 504.4:	1
ACTUAL STORIES:	1, OK
BUILDING ANALYSIS: NEW SHADE STRUCTURE	
CONSTRUCTION TYPE:	V-B
OCCUPANCY GROUP:	E
FIRE SPRINKLERED:	NO
ALLOWABLE AREA PER TABLE 506.2	9,500 S.F.
SHADE STRUCTURE AREA:	1,800 S.F. . OK
ALLOWABLE HEIGHT PER TABLE 504.3:	40'-0"
ACTUAL HEIGHT:	17'-3", OK
ALLOWABLE STORIES PER TABLE 504.4:	1
ACTUAL STORIES:	1 = 1, OK
SAFE DISPERSAL AREA FOR NEW SHADE STRUCTURE J:	
OCCUPANT LOAD: 1,800 S.F./20 OLF = 90 OCCUPANTS	
90 OCC. x 5 SF/OCC = 450 S.F. OF DISPERSAL AREA REQUIRED	
460 S.F. OF DISPERSAL AREA PROVIDED	

GENERAL NOTES

A. CONTRACTOR SHALL MAINTAIN FIRE DEPARTMENT ACCESS THROUGHOUT DEMOLITION AND CONSTRUCTION

B. COMPLIANCE WITH CHAPTER 33 (FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION) AND CBC CHAPTER 33 (SAFETY DURING CONSTRUCTION) WILL BE ENFORCED.

LEGEND

- AC PAVING
- (E) BLDG
- (E) CONCRETE PAVING
- CONCRETE PAVING
- (E) LANDSCAPE
- DECOMPOSED GRANITE
- PLANTING AREA
- PROPERTY LINE
- (E) CHAIN LINK FENCE
- (E) FIRE LANE (DSA #01-115846 & DSA #01-116703)
- PROPOSED ALTERNATE FIRE LANE
- (E) FIRE HYDRANT
- HOSE LENGTH FROM FIRE HYDRANT

KEYNOTES

FIRE & LIFE SAFETY FORM

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:	Pacific Grove Unified School District		
Project Name/School:	Forest Grove Elementary School		
Project Address:	1065 Congress Ave., Pacific Grove, CA 93950		
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 <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Areas	Moderate <input type="checkbox"/>	High <input type="checkbox"/>	Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)	WIFA <input type="checkbox"/>		

DSG DSA 810 (revised 12/2020) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/A
4. Emergency vehicle access roadways do not meet CFC requirements.				
4a. Acceptable Alternative: 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 Alternative: 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 Alternative: 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 Alternative: The location of the 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: David Jones Title: Fire Inspector

Signature: David Jones Date: 2/24/2026

LFA FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name: _____

LFA Review Official: _____

Title: _____ Work Phone: _____

Work Email: _____

LFA Reviewer's Signature: _____ Date: _____

DSG DSA 810 (revised 12/2020) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 2 of 4

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Professional Seals

BID SET
3/2/26

PACIFIC GROVE UNIFIED SCHOOL DISTRICT
FOREST GROVE ELEMENTARY SCHOOL SITE IMPROVEMENTS

1065 CONGRESS AVE
PACIFIC GROVE, CA 93950

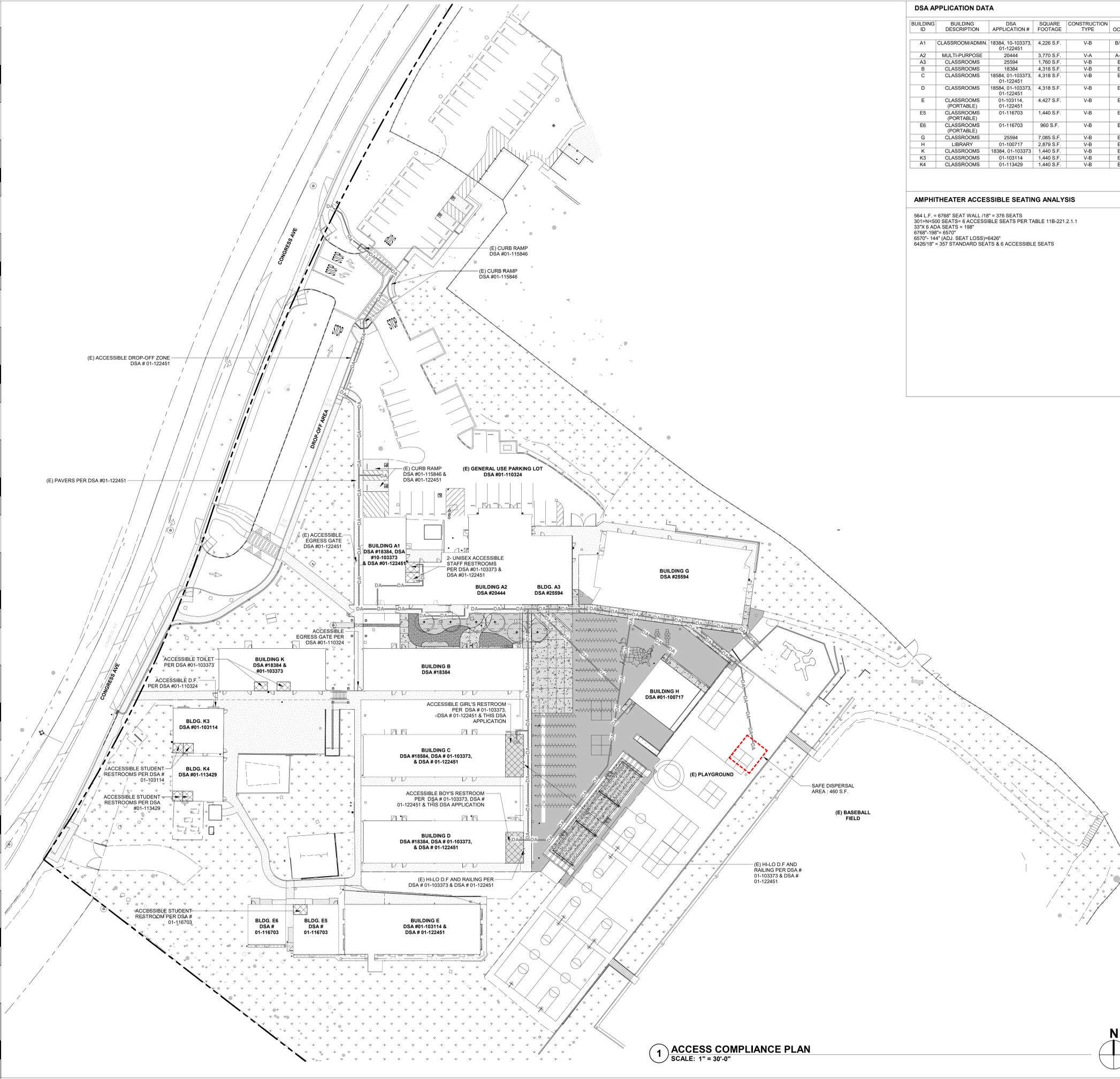
SHEET TITLE:
FIRE LIFE SAFETY PLAN

Revision Schedule

NO.	Description	Date

PROJECT # 25.051 SHEET # A0.10
ISSUE DATE: 02/27/2026

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 3"=1'-0"
 8"
 4"
 2"
 0"
 1'-1/2"=1'-0"
 6"
 3/4"=1'-0"
 2"
 1"
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 1/2"=1'-0"
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 16"
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 4"
 2"
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 1/16"=1'-0"
 32"
 16"
 8"
 4"
 2"
 1"
 0"
 1"=10'-0"
 20"
 10"
 5"
 2"
 1"
 0"
 1"=20'-0"
 40"
 20"
 10"
 5"
 2"
 1"
 0"
 1"=40'-0"
 80"
 40"
 20"
 10"
 5"
 2"
 1"
 0"



BUILDING ID	BUILDING DESCRIPTION	DSA APPLICATION #	SQUARE FOOTAGE	CONSTRUCTION TYPE	OCC.
A1	CLASSROOM/ADMIN	18384, 10-103373, 01-122451	4,226 S.F.	V-B	B/E
A2	MULTI-PURPOSE	20444	3,770 S.F.	V-A	A-3
A3	CLASSROOMS	25594	1,760 S.F.	V-B	E
B	CLASSROOMS	18384	4,318 S.F.	V-B	E
C	CLASSROOMS	18584, 01-103373, 01-122451	4,318 S.F.	V-B	E
D	CLASSROOMS	18584, 01-103373, 01-122451	4,318 S.F.	V-B	E
E	CLASSROOMS (PORTABLE)	01-103114, 01-122451	4,427 S.F.	V-B	E
E5	CLASSROOMS (PORTABLE)	01-116703	1,440 S.F.	V-B	E
E6	CLASSROOMS (PORTABLE)	01-116703	960 S.F.	V-B	E
G	CLASSROOMS	25594	7,085 S.F.	V-B	E
H	LIBRARY	01-100717	2,879 S.F.	V-B	E
K	CLASSROOMS	18384, 01-103373	1,440 S.F.	V-B	E
K3	CLASSROOMS	01-103114	1,440 S.F.	V-B	E
K4	CLASSROOMS	01-113429	1,440 S.F.	V-B	E

AMPHITHEATER ACCESSIBLE SEATING ANALYSIS

564 L.F. = 6788' SEAT WALL / 118' = 376 SEATS
 301-N-500 SEATS = 6 ACCESSIBLE SEATS PER TABLE 11B-221.2.1.1
 33'x6 ADA SEATS = 198'
 6788' - 198' = 6570'
 6570' / 144' (ADJ. SEAT LOSS) = 45.6
 45.6 x 6 = 274 ACCESSIBLE SEATS

SHEET NOTES

A. THE D.A. POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR POT REQUIREMENTS FOR NEW CONSTRUCTION.

B. ONLY D.A. POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS HAS BEEN EVALUATED TO BE COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS. COMPLIANCE OF PATHS OTHER THAN THOSE INDICATED HEREIN IS NEITHER CONFIRMED OR IMPLIED.

C. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCOMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CCD.

PATH OF TRAVEL STATEMENT

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

NOTE: DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATION, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) 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 POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHNESS ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCOMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

KEYNOTES

LEGEND

	AC PAVING
	(E) BUILDING - NOT IN SCOPE OF WORK
	(E) RESTROOM TO BE MODERNIZED
	(E) RESTROOM
	(E) CONCRETE PAVING
	CONCRETE PAVING
	(E) LANDSCAPE
	DECOMPOSED GRANITE
	NEW LANDSCAPE
	PROPERTY LINE
	(E) CHAIN LINK FENCE
	ACCESSIBLE PATH OF TRAVEL

PARKING ANALYSIS

EXISTING PARKING LOT	29
TOTAL PARKING SPACES	29
ACCESSIBLE SPACES REQUIRED (STANDARD+VAN)	2
STANDARD ACCESSIBLE SPACES PROVIDED	1
VAN ACCESSIBLE SPACES PROVIDED	1
TOTAL ACCESSIBLE SPACES PROVIDED (STANDARD+VAN)	2

1 ACCESS COMPLIANCE PLAN
 SCALE: 1" = 30'-0"



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Professional Seals

BID SET
3/2/26

PACIFIC GROVE UNIFIED SCHOOL DISTRICT
FOREST GROVE ELEMENTARY SCHOOL SITE IMPROVEMENTS

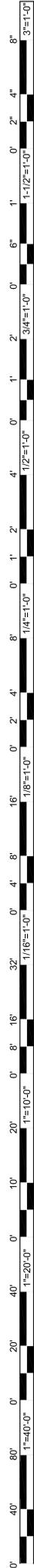
1065 CONGRESS AVE
 PACIFIC GROVE, CA 96950

SHEET TITLE:
ACCESS COMPLIANCE PLAN

Revision Schedule

NO.	Description	Date

PROJECT # 25.051
 SHEET # **A0.11**
 ISSUE DATE: 02/27/2026



GENERAL NOTES

- All work shall be done in accordance with the following:
 - Applicable sections of the State of California Department of Transportation Standard Specifications, latest edition, hereinafter called "Caltrans";
 - California Plumbing Code and California Building Code Provisions;
 - AWWA standards and specifications;
 - City of Pacific Grove Standard Details and Specifications where applicable;
 - These plans and details shown hereon.
 - Standards of the United States Department of Labor, Occupational Safety and Health Administration, Office of Standards and rules of the State Division of Industrial Safety;
 - Latest edition of the California State Code of Regulations Title 24.
 - The Project Specifications
 - Soils Investigation prepared by

Where conflicts exist between any of the above listed specifications, the most stringent listed specification shall prevail.

- It is the responsibility of the Contractor to secure all permits necessary to perform the work, including but not limited to, work in the public right-of-way, grading, tree removal, and utility modifications.
- Contractor shall supply all equipment, labor, and materials necessary to perform the work shown on this plan.
- It shall be the responsibility of the various contractors to coordinate their work so as to eliminate conflicts and work toward the general good and completion of the entire project.
- All workmanship and materials furnished by Contractor shall be of the kind and quality described in the specifications and shall be first class throughout. Neither final acceptance nor final payment by Owner shall relieve the Contractor of responsibility for faulty materials or workmanship.
- In the event of any conflict of information shown in these plans or any conflict between these plans and the intent of a consistent and functional product, the Contractor shall notify the Owner in writing, upon which notice the Owner shall resolve the conflict by the issuance of a written order, revised plans or both. The Contractor shall bear full cost and responsibility for work affected by such conflicts and performed by Contractor prior to such notice to the Owner and issuance of such order and/or revised plans.
- Contractor shall provide adequate dust control at all times as required by Owner's representative.
- Contractor shall exercise all necessary caution to avoid damage to any existing trees, or surface improvements, or to any existing drainage structure, water structures, sewer cleanouts, manholes, or junction boxes for underground electric, telephone, or cable TV, or storm sewer, sanitary sewer, water line, and underground utilities, which are to remain in place and shall bear full responsibility for any damage thereto.
- All known existing utility lines are shown for information only. Contractor shall exercise all necessary caution to avoid damage to any existing utility lines or facilities to remain in place, whether or not such lines or facilities are shown on these plans, and shall bear full responsibility for any damage thereto. Contractor is advised to Contact Underground Service Alert (USA) at (800) 642-2444 or a private Underground Locator Service (at contractor's expense) and the affected utility company for marking underground lines prior to beginning work.
- Inspection of work: The City of Pacific Grove Public Works Department will inspect all work including conformance to encroachment permit. A representative of Owner will inspect all work, including grades and compaction of earthwork. Contractor shall notify the City of Pacific Grove Public Works at least forty eight (48) hours prior to work within the public ROW.

- Engineer shall have no responsibility for Contractor's work methods and procedures, jobsite conditions, jobsite safety or adherence to safety procedures and requirements.
- The Contractor agrees that, in accordance with generally accepted construction practices, the Contractor will be required to assume sole and complete responsibility for jobsite conditions during the course of construction of the project, including safety of all persons and property. This requirement shall apply continuously and not be limited to normal working hours. The contractor agrees to defend, indemnify and hold Owner and Engineer harmless from any and all liability, real or alleged, in connection with the performance of the work on this project, exempting liability arising from the sole negligence of the Engineer or Owner.
- Parking lot striping shall be laid out in accordance with the Horizontal Control Plan, and in accordance with the City of Pacific Grove Standard specifications.
- Contractor shall provide appropriate traffic control measures as outlined in the City of Pacific Grove specifications and as directed by the City Engineer.

GRADING AND PAVING NOTES

- Work shall consist of all clearing, grubbing, and stripping, preparation of land to be filled, excavation, spreading, compaction and control of the fill, and all subsidiary work necessary to complete the grading to conform to the lines, grades and slopes, as shown on the accepted plans and as specified in the Geotechnical Investigation Report.
- The contractor's attention is directed to the Geotechnical Investigation prepared by
- The Contractor's attention is directed to the City of Pacific Grove Off-Site plans for work within the ROW. Contractor shall adhere to the requirements thereof.
- The Contractor shall notify the Soil Engineer at least forty-eight (48) hours prior to commencement of any grading operations on-site.
- A representative of the Soils Engineer shall be on site during grading operations and shall perform such testing as deemed necessary. The representative shall observe the grading operation for conditions that should be corrected, and identify those conditions with recommended corrective measures to the Contractor.
- In the event that any unusual conditions not covered by these notes and the Soils Investigation are encountered during grading operations, the Soils Engineer shall be immediately notified for recommendations.
- All existing trash, debris, roots, tree remains and other rubbish shall be removed from the site so as to leave the areas that have been disturbed with a neat and finished appearance free from unsightly debris. No burning shall be permitted.
- Contractor shall grade to the line and elevations shown on the plan within the following horizontal and vertical tolerance, in the areas indicated:

	Horizontal	Vertical
a. Building Pad Subgrade	0.50'+	0.05'+
b. Driveway and parking area subgrade preparation	0.05'+	0.05'+
- All aggregate base material and the handling and placement thereof shall be in accordance with the Caltrans Standard Specifications. Aggregate base materials shall be Class II.
- Compacted building pads shall extend 5 feet minimum beyond building footprint.
- Asphalt concrete (AC) shall be Type A, 3/4" maximum aggregate size for base course and 1/2" maximum aggregate size for surface course, as specified for surface course material in the Caltrans Specification. 2" thickness may be placed in one lift.
- SS-I emulsified asphalt point binder conforming to the provisions of the Caltrans Specification shall be applied at the rate of 0.07+ gallons per square yard to existing asphalt concrete surface and vertical concrete surfaces to receive asphalt concrete.
- SS-II emulsified liquid asphalt seal coat conforming to the provisions of the Caltrans Specifications shall be diluted with equal parts water and applied at the rate of 0.15+ gallons per square yard to surface of the new finished asphalt paving surface and existing asphalt paving surfaces to remain in place. Existing asphalt surfaces shall be cleaned prior to seal coat operation.
- Contractor shall adjust all inlets, valve boxes, manhole rims, and sewer cleanouts to new finish grade.
- Materials handling and placement of Portland Cement Concrete shall be in accordance with applicable sections of the Caltrans Standard Specifications and these plans and details shown hereon. Concrete to be Class A, 6 sack, 3000 PSI concrete.

UNDERGROUND NOTES

- Contractor shall expose and verify location and elevation of existing utilities, including sanitary and storm sewers, and water lines before constructing new facilities. Contractor shall cap existing irrigation lines where necessary so that the remaining irrigation system will continue to be operational for the existing landscaping to remain.
- Materials for pipe, storm water inlets and cleanouts and installation procedures shall be in accordance with applicable California Building Code sections and the City of Pacific Grove Standard Specifications, the Project Specifications and these plans and details shown hereon.
 - Storm Sewer Pipe designated "SD" shall be SDR 26 PVC pipe or HDPE ADS N-12 pipe appropriate for such use. Storm Sewer Pipe designated "DIP" shall be ductile iron pipe appropriate for such use.
 - Storm Sewer Pipe designated "RCP" shall be reinforced concrete pipe appropriate for such use.
 - Sanitary Sewer Pipe designated "SS" shall be vitrified clay pipe or SDR 26 PVC pipe appropriate for such use.
 - Water Pipe designated "WATER" or "W" shall be Schedule 80 PVC pipe appropriate for such use
 - Fire Lines designated "FIRE LINE" or "F" shall be AWWA C900 PVC - DR 18 pipe appropriate for such use
- Ensure grates are ADA compliant for all existing inlets to remain in travelled access paths, subject to pedestrian traffic. Replace as necessary.
- All trench excavation and backfill for sewer lines shall conform to requirements of the City of Pacific Grove Standard Specifications. Jetting of backfill materials to achieve compaction is not allowed.
- All trenches and excavations shall be constructed in strict compliance with the applicable sections of California and Federal O.S.H.A. requirements and other applicable safety ordinances. Contractor shall bear full responsibility for trench shoring design and installation.
- Materials for pipe and installation requirements for domestic water lines shall be in accordance with applicable California Plumbing Code sections and the City of Pacific Grove Standard Specifications and these plans and details shown hereon.
- Soils on the site have been found to be corrosive. All buried metallic pipes, fittings and appurtenances associated with the water pipelines shall be encased in 8-mil polyethylene per AWWA C-105. All buried copper water service lines shall be encased in 6-mil polyethylene sleeve in accordance with AWWA C-105
- Storm Drain Cleaning: Remove dirt and sediment from all drain boxes and storm drain cleanouts in project area and downstream to public storm drain mainline, use vac truck where possible. Hyrdowash/jet out storm drain line until free flowing. Start at downstream inlets and work towards project area. If clogged SD line cannot be unclogged by jetting, notify engineer, pothole blocked location and repair drain line as needed.

ABBREVIATIONS

AB	AGGREGATE BASE	LTB	LIME TREATED BASE
AC	ASPHALT CONCRETE	(ME)	MATCH EXISTING ELEVATION
ACC	ACCESSIBLE	MH	MANHOLE
ARCH	ARCHITECTURAL	ML	MONUMENT LINE
BS	BOTTOM OF STEP	(N)	NEW
BW	BACK OF WALK ELEVATION	PAV	PAVEMENT SURFACE ELEVATION
BOW	BOTTOM OF WALL ELEVATIONS	P	PROPERTY LINE
CB	CATCH BASIN	PP	PERFORATED PIPE
CI	CAST IRON	RIM	RIM ELEVATION
CL	CENTER LINE	RS	TOP OF RAT SLAB ELEVATION
CLF	CHAIN LINK FENCE	RWL	RAIN WATER LEADER
C&G	CURB AND GUTTER	S=	SLOPE
CONC	CONCRETE	SD	STORM DRAIN
C	CONCRETE ELEVATION	S.A.D.	SEE ARCHITECT DRAWINGS
DWY	DRIVEWAY	E	ELECTRICAL
E	ELECTRICAL	S.E.D.	SEE ELECTRICAL DRAWINGS
(E)	EXISTING	S.L.D.	SEE LANDSCAPE DRAWINGS
EBOX	ELECTRICAL BOX	S.P.D.	SEE PLUMBING DRAWINGS
EC	EDGE OF CONCRETE	SG	SUBGRADE ELEVATION
EP	EDGE OF PAVEMENT	SS	SANITARY SEWER
EV	ELECTRICAL VAULT	SSCO	SANITARY SEWER CLEANOUT
F	FIRE LINE	S/W	SIDEWALK
FG	FINISH GRADE	STLT	STREET LIGHT
FNC	FENCE	T	TELEPHONE
FH	FIRE HYDRANT	TC	TOP OF CURB
FF	FINISHED FLOOR ELEVATION	TD	TRENCH DRAIN
FL	FLOW LINE	TILE	TOP OF TILE ELEVATION
FOC	FACE OF CURB	TOE	TOE OF BANK
G	GAS	TOW	TOP OF WALL ELEVATION
GB	GRADE BREAK	TP	TELEPHONE POLE
GND	GROUND ELEVATION	TR	TOP OF RAMP
JP	JOINT POLE	TS	TOP OF STEP
ICV	IRRIGATION CONTROL VALVE	TSB	TRAFFIC SIGNAL BOX
INV	INVERT	VL	VAULT
LF	LINEAR FEET	W	WATER
LS	LANDSCAPE	WV	WATER VALVE

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LEGEND

DESCRIPTION	PROPOSED	EXISTING
PROPERTY LINE		---
CENTERLINE		- - - -
CURB & GUTTER	=====	=====
VERTICAL CURB	=====	=====
ASPHALT EDGE / SAWCUT	=====	=====
EXPANSION JOINT	-----	-----
SCORE JOINT	=====	=====
VALLEY GUTTER	=====	=====
PERFORATED PIPE	=====	=====
RAINWATER LEADER	=====	=====
STORM LINE	=====	SD
SANITARY LINE	=====	SS
WATER LINE	=====	W
GAS LINE	=====	
FIRE SPRINKLER	=====	
FIRE LINE	=====	
FENCE	=====	X
ROLLING FENCE	=====	
CITY CONFORM	=====	
ADA DROP OFF	-----	
FIRE LANE	-----	
TYPICAL RAMP		
ACCESSIBLE RAMP		
TRUNCATED DOMES	=====	
STORM DRAIN INLET		
AREA DRAIN		
BUBBLER BOX		
END SECTION		
FLARED END SECTION		
END SECTION MITERED DRAIN GRATE		
DRY WELL CONDENSATE		
BOLLARD		
HYDRANT		
FIRE DEPARTMENT CONNECTION (FDC)		
POST INDICATOR VALVE (PIV)		
THRUST BLOCK		
SHUT OFF VALVE (SOV)		
CHECK VALVE		
BACKFLOW PREVENTER		
ELECTROLIER		
ELECTROLIER CONDUIT & CABLE W/PULL BOX		
DIRECTION & RATE OF SLOPE	0.015	
SWALE		
CONTOUR		
PLANTING PLAN		
LIGHTING POLE		
EV CHARGING STATION		

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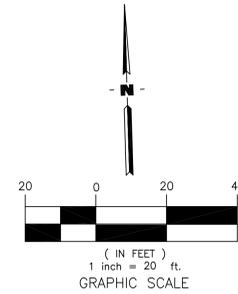
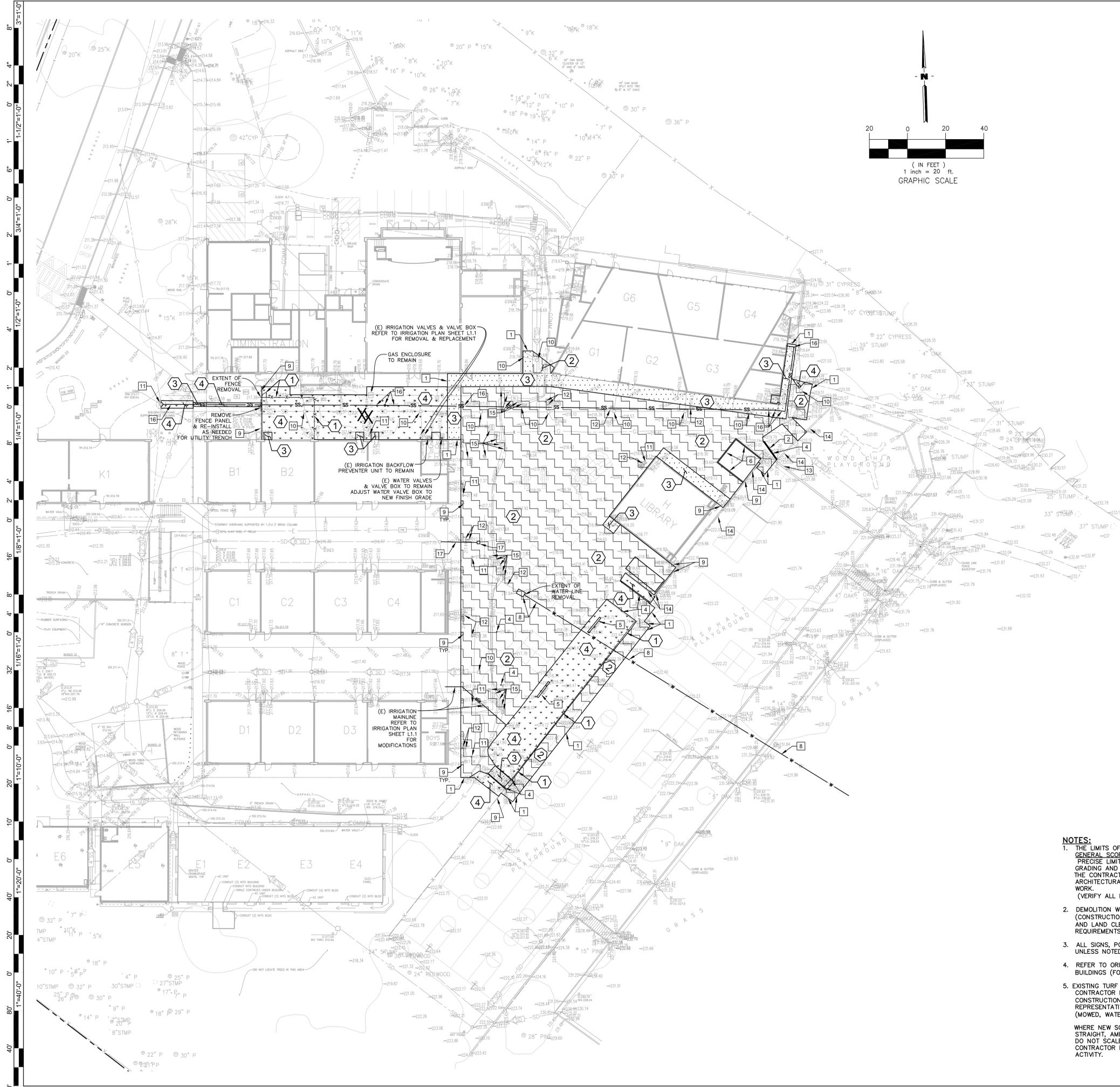
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NOTES, LEGEND & INDEX

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DEMOLITION LEGEND

DESCRIPTION	SYMBOL	
TREE TO REMAIN. PROTECT FROM DAMAGE. SEE SPECIAL PROVISION 01 56 39 TREE AND PLANT PROTECTION AND LANDSCAPE DRAWINGS FOR TREE PROTECTION NOTES.	○	
TREE TO BE REMOVED. REMOVE ALL ROOTS.	X	
KEYNOTE	DESCRIPTION	SYMBOL
①	FENCE / GATES/ FOUNDATIONS TO BE REMOVED	X-X-X
②	ASPHALT PAVING & AGGREGATE BASE ROCK TO BE REMOVED. REMOVE HEADER BOARD, TYP.	[Pattern]
③	CONCRETE TO BE REMOVED. REMOVE AGGREGATE BASE.	[Pattern]
④	SHRUBS AND/OR LANDSCAPING TO BE REMOVED. GRUB OUT ALL VEGETATION / REMOVE BARK / WOOD CHIPS. REMOVE PLANTER BOXES. REMOVE ANY IRRIGATION LINES, VALVES, AND POP-UP SPRAY HEADS.	[Pattern]
	WATER LINES AND VALVE BOXES TO BE REMOVED	— W —
	SANITARY SEWER LINES AND CLEANOUTS TO BE REMOVED	— SS —
	STORM SEWER LINES AND CLEANOUTS TO BE REMOVED	— SD —
KEYNOTE	DESCRIPTION	
1	SAWCUT ASPHALT OR REMOVE CONCRETE TO NEAREST CONTROL JOINT	
2	REMOVE CURB / CURB & GUTTER	
3	NOT USED.	
4	REMOVE POLE / POST / BOLLARD / HANDRAIL AND FOUNDATIONS	
5	REMOVE BENCH	
6	REMOVE SAND BOX RETAINING WALL & SAND	
7	EXTENT OF REMOVAL OF CURB WALL / RETAINING WALL / WALL	
8	REMOVE WATER LINES, VAULT, VALVE, METER, BOX, DRINKING FOUNTAIN, CARLINES AT EXTENT OF REMOVAL.	
9	POLE / POST/ COLUMN / BOLLARD / HANDRAIL / FENCE / GATE TO REMAIN. PROTECT FROM DAMAGE.	
10	STORM LINES, DRAIN INLET, SSMH, SDCO TO REMAIN. PROTECT FROM DAMAGE. ADJUST RIM TO NEW FG.	
11	SS LINES, SSMH, SDCO TO REMAIN. PROTECT FROM DAMAGE. ADJUST RIM TO NEW FG.	
12	WATER LINE, VAULT, VALVE, METER, BOX, DRINKING FOUNTAIN, HOSE BIB TO REMAIN. PROTECT FROM DAMAGE. ADJUST RIM TO NEW FG.	
13	CURB / CURB & GUTTER TO REMAIN. PROTECT FROM DAMAGE.	
14	CURB WALL / RETAINING WALL / WALL & FOUNDATION TO REMAIN. PROTECT FROM DAMAGE.	
15	ELECTRICAL BOX TO REMAIN. PROTECT FROM DAMAGE. ADJUST RIM TO NEW FG.	
16	REMOVE SANITARY LINES, SSMH, SDCO CAP LINE AT EXTENT OF REMOVAL.	
17	REMOVE STORM LINES, DRAIN INLET, TRENCH DRAIN, SSMH, SDCO CAP LINE AT EXTENT OF REMOVAL.	

NOTES:

- THE LIMITS OF DEMOLITION SHOWN HEREON ARE TO PROVIDE THE CONTRACTOR WITH A GENERAL SCOPE OF WORK. PRECISE LIMITS OF PAVEMENT REMOVAL AND GRADING SHOULD BE TAKEN FROM THE GRADING AND DRAINAGE PLAN. THE CONTRACTOR SHOULD ALSO REFERENCE LANDSCAPE ARCHITECT PLANS, ARCHITECTURAL PLANS, AND THE CONSTRUCTION DOCUMENTS FOR A COMPLETE SCOPE OF WORK. (VERIFY ALL DEMOLITION WITH THE SCHOOL DISTRICT).
- DEMOLITION WORK SHALL CONFORM TO CAL GREEN CODE SECTIONS 5.408.3 (CONSTRUCTION WASTE REDUCTION BY AT LEAST 50%) AND 5.408.4 (EXCAVATED SOIL AND LAND CLEARING DEBRIS), AND LOCAL CONSTRUCTION WASTE MANAGEMENT REQUIREMENTS. THE MOST STRINGENT CODE SHALL PREVAIL.
- ALL SIGNS, POSTS, AND FOOTINGS TO BE REMOVED WITHIN THE LIMITS OF DEMOLITION UNLESS NOTED OTHERWISE.
- REFER TO ORIGINAL DESIGN DRAWINGS, AVAILABLE FROM DISTRICT, FOR EXISTING BUILDINGS (FOOTINGS, MATERIALS, ETC.).
- EXISTING TURF TO REMAIN. LANDSCAPE CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR IF REPLACEMENT IS REQUIRED DUE TO STAGING, CONSTRUCTION ACCESS, OR CONSTRUCTION ACTIVITY. REPAIR WITH SOD TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. TURF AREAS FENCED DURING CONSTRUCTION SHALL BE MAINTAINED (MOWED, WATERED, AND FERTILIZED) BY CONTRACTOR.

WHERE NEW SOD IS INSTALLED, SHOVEL CUT EDGE OF EXISTING TURF VERTICAL AND STRAIGHT, AMEND SOIL AND GRADE TO RECEIVE NEW SOD FLUSH WITH EXISTING EDGES. DO NOT SCALE SOD REPAIR FROM THIS DRAWING. COORDINATE WITH GENERAL CONTRACTOR FOR EXTENT OF REPAIR REQUIRED TO RESTORE TURF DUE TO CONSTRUCTION ACTIVITY.

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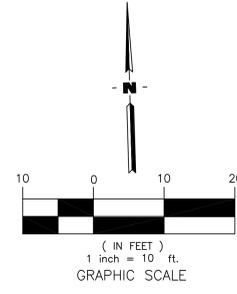
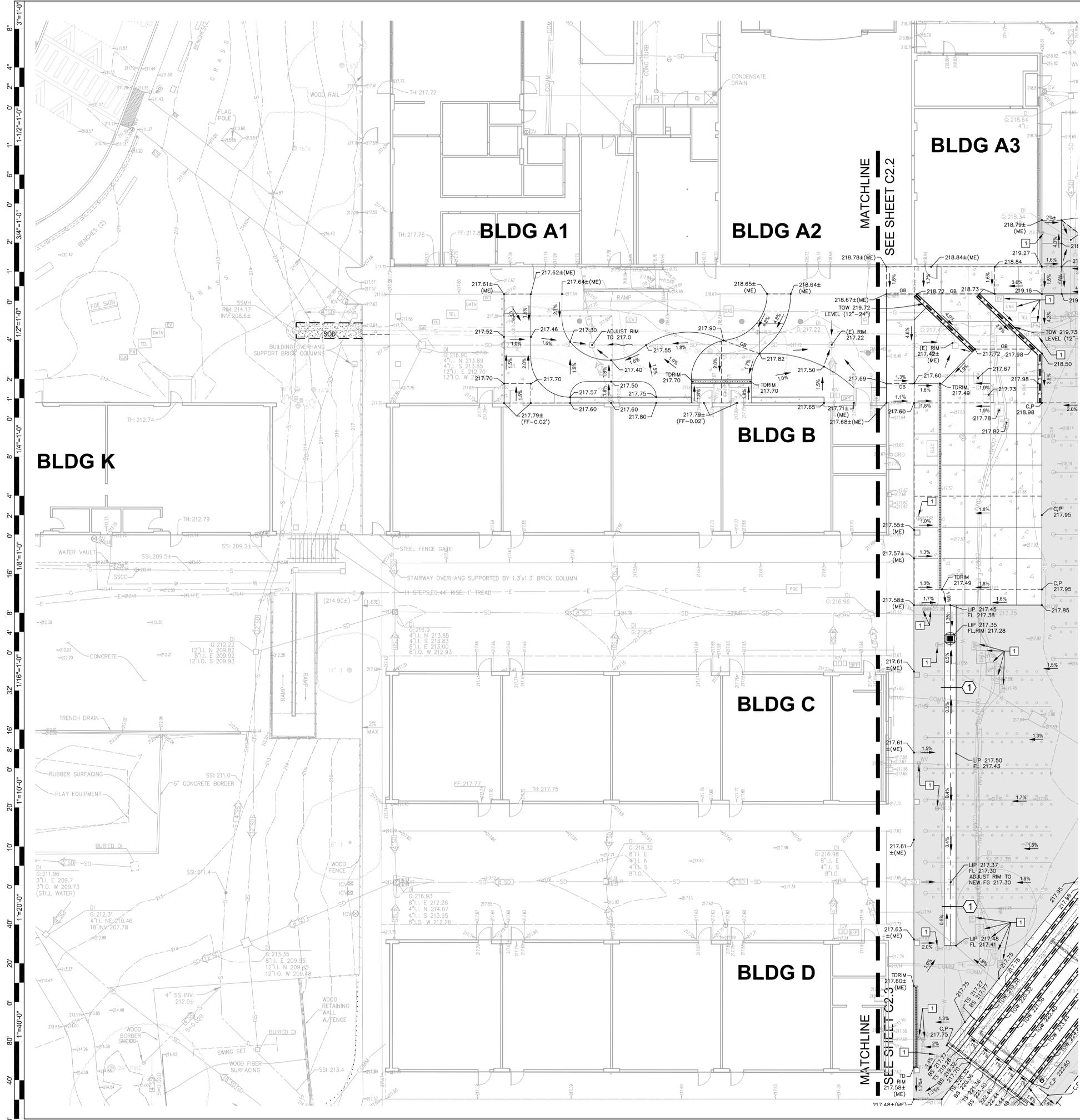
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DEMOLITION PLAN

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C1.1

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GRADING CONSTRUCTION DETAIL REFERENCES

KEYNOTE	DETAIL NAME	SYMBOL	DETAIL REFERENCE
1	ADA VALLEY GUTTER - 36 INCH		6 / C6.01

GRADING PLAN NOTES

KEYNOTE	DETAIL NAME
1	ADJUST UTILITY BOX TO NEW FINISHED GRADE, TYP.

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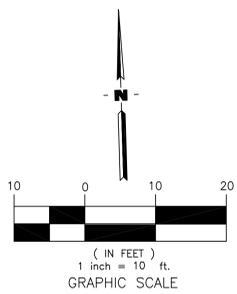
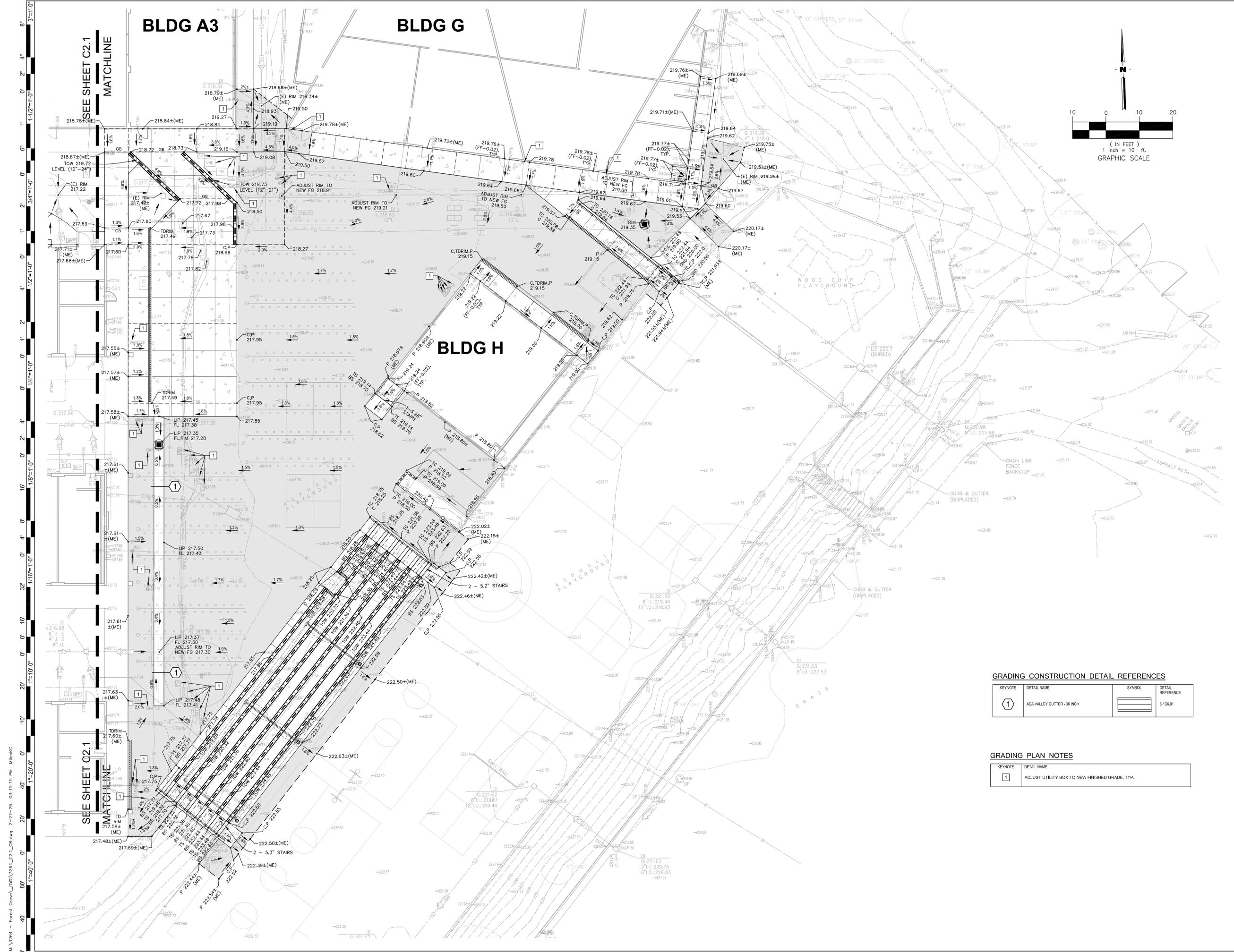
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SHEET TITLE:
GRADING & DRAINAGE PLAN

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C2.1



GRADING CONSTRUCTION DETAIL REFERENCES

KEYNOTE	DETAIL NAME	SYMBOL	DETAIL REFERENCE
①	ADA VALLEY GUTTER - 36 INCH		6 / 08.01

GRADING PLAN NOTES

KEYNOTE	DETAIL NAME
①	ADJUST UTILITY BOX TO NEW FINISHED GRADE, TYP.

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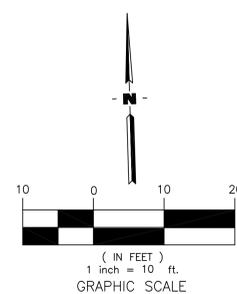
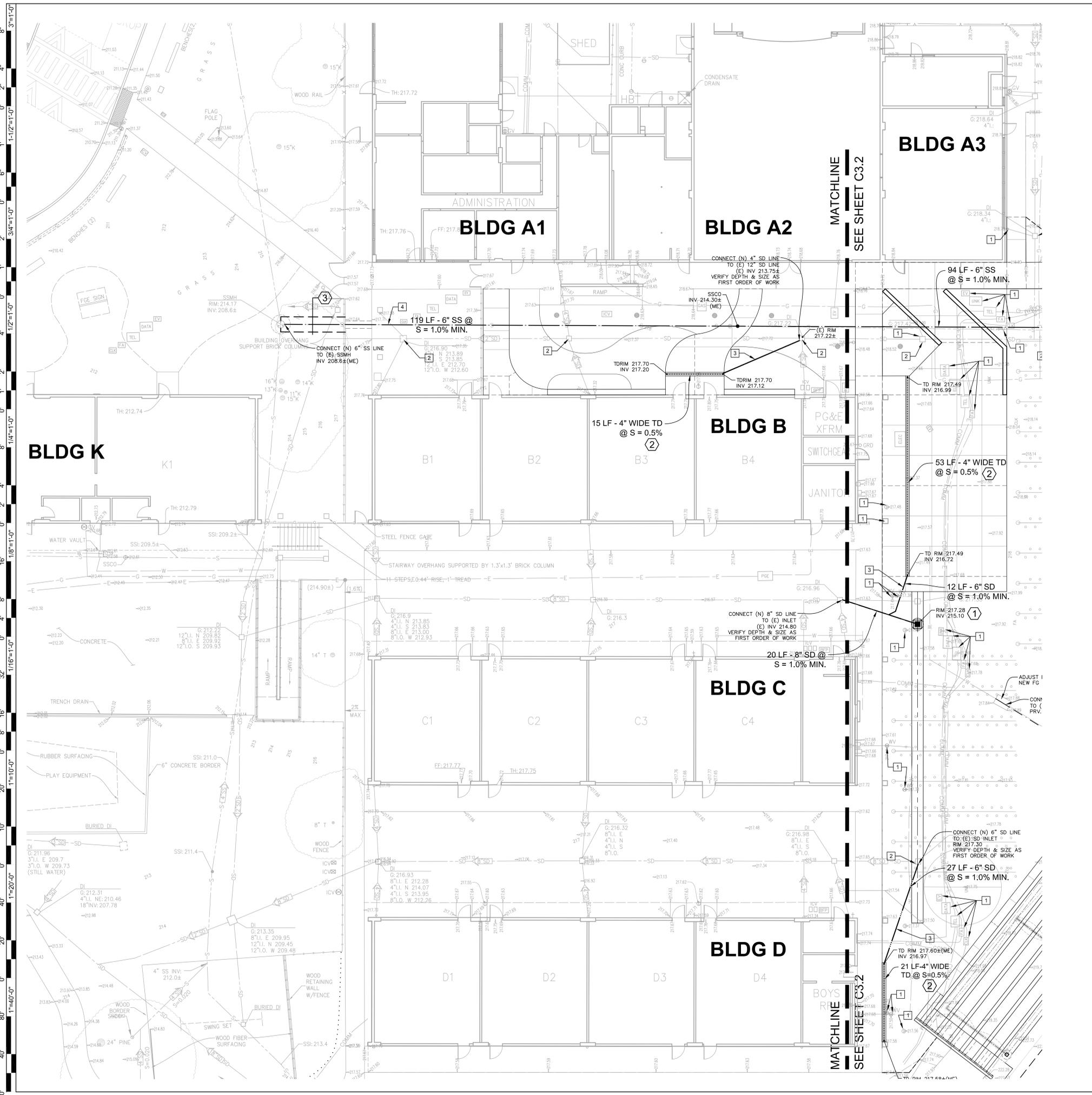
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UNDERGROUND UTILITIES CONSTRUCTION DETAIL REFERENCES

KEYNOTE	DETAIL NAME	SYMBOL	DETAIL REFERENCE
1	STORM INLET 18"		1 / C6.01
2	TRENCH DRAIN		8 / C6.01
3	UTILITY TRENCH		7 / C6.01

UNDERGROUND UTILITIES PLAN NOTES

KEYNOTE	DETAIL NAME
1	ADJUST UTILITY BOX TO NEW FINISH GRADE, TYP.
2	CLEAN OUT DEBRIS & HYDROJET STORM DRAIN SYSTEM TO BE FREE FLOWING. SEE UNDERGROUND NOTE #8 / SHEET C0.1
3	CONNECT 4" TD TO NEAREST SD LINE WITH 4" SD LINE @ S=1.0% MIN
4	RECONNECT (E) 4" SS - P.O.C., S=1.0% MIN. VERIFY SIZE, DEPTH & LOCATION AS FIRST ORDER OF WORK AND VERIFY LOCATIONS OF ALL SS LATERALS FROM (E) BUILDINGS AND RECONNECT TO NEW SS LINE

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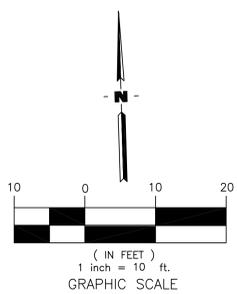
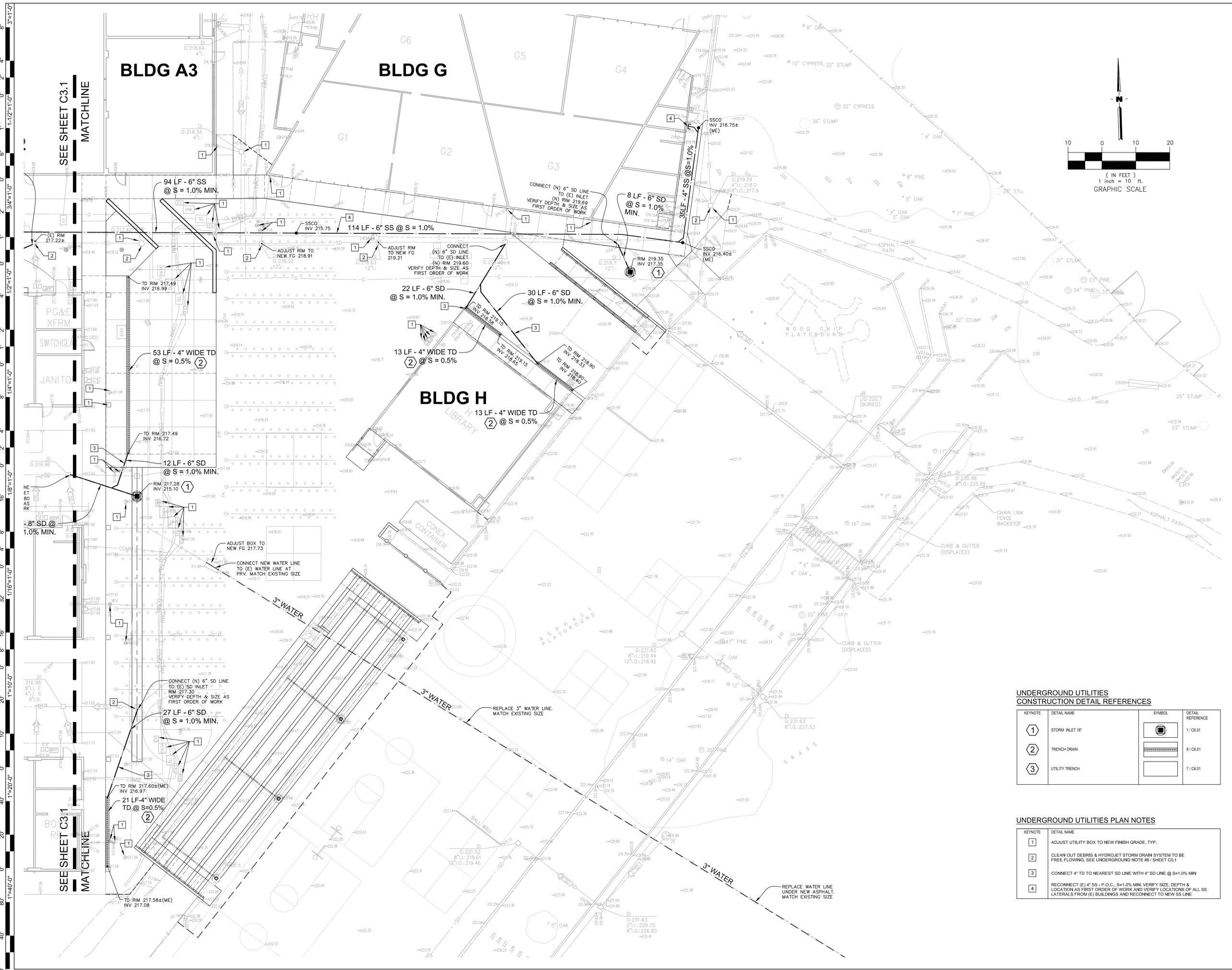
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SHEET TITLE:
UNDERGROUND UTILITIES PLAN

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UNDERGROUND UTILITIES CONSTRUCTION DETAIL REFERENCES

KEYNOTE	DETAIL NAME	SYMBOL	DETAIL REFERENCE
1	STORM INLET 18"		1/C6.01
2	TRENCH DRAIN		8/C6.01
3	UTILITY TRENCH		7/C6.01

UNDERGROUND UTILITIES PLAN NOTES

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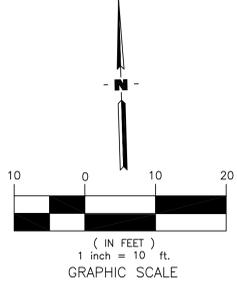
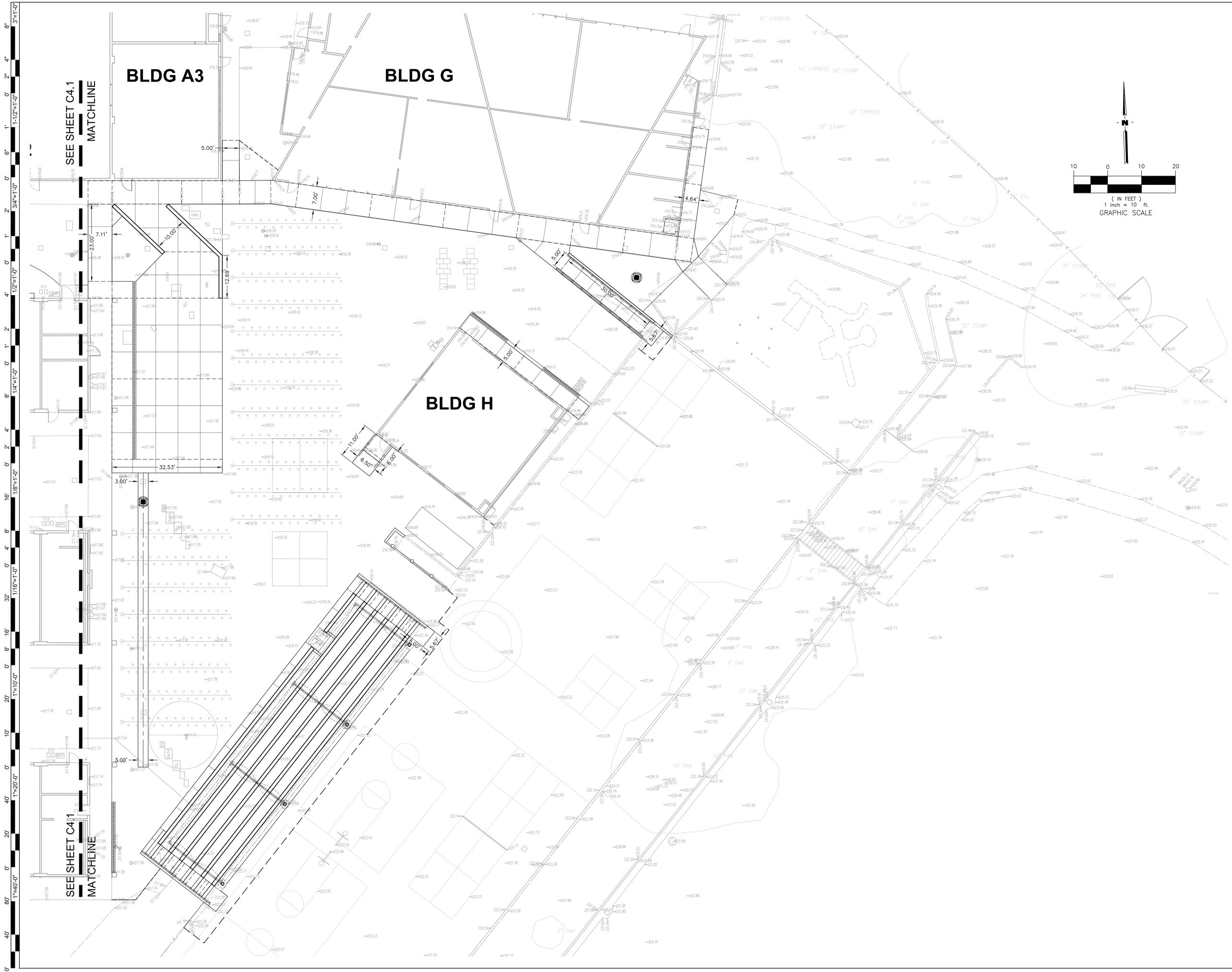
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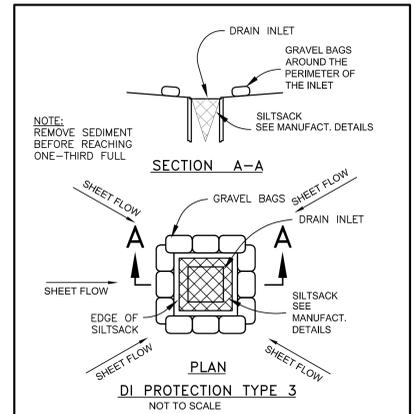
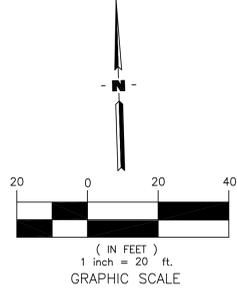
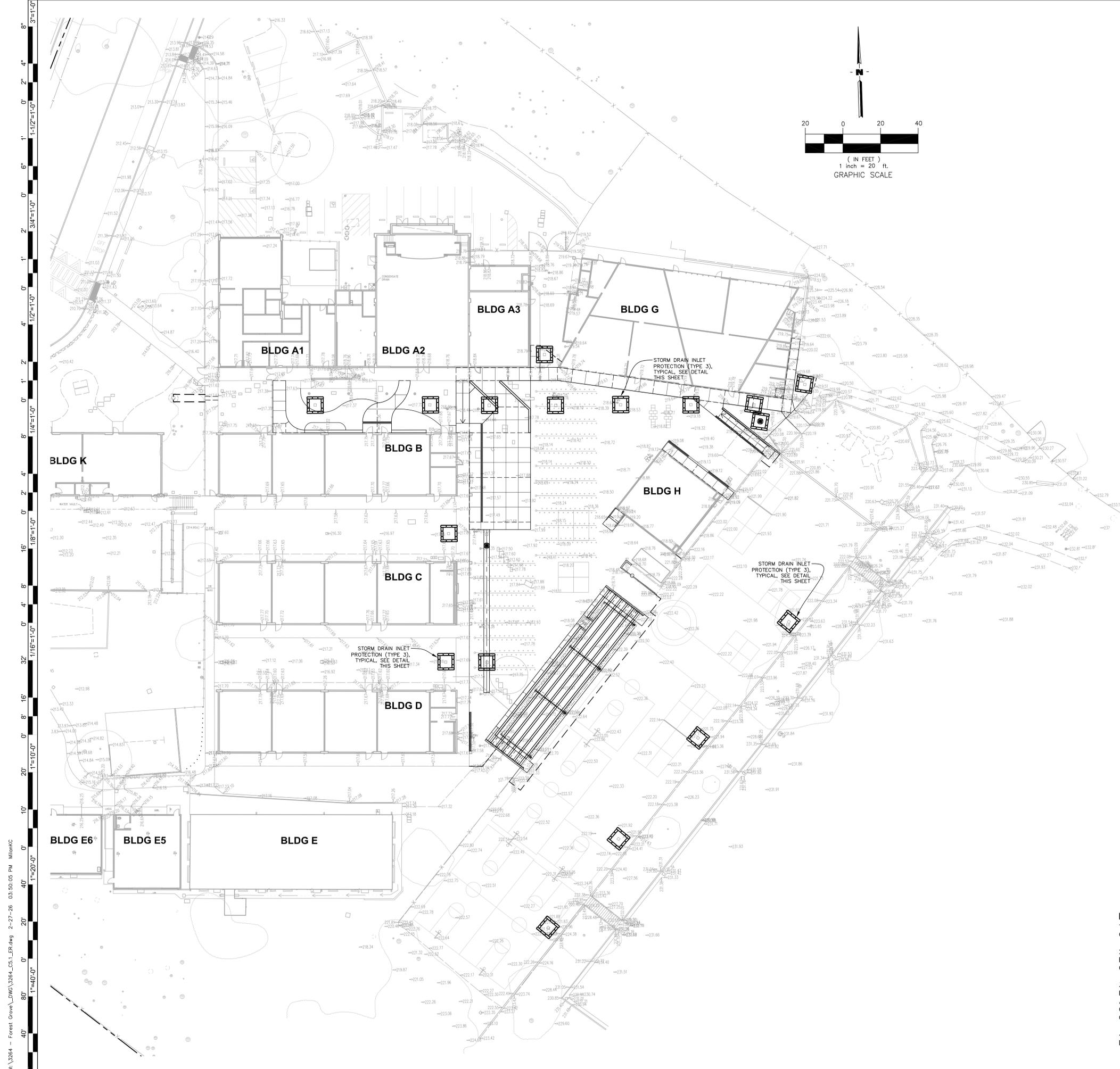
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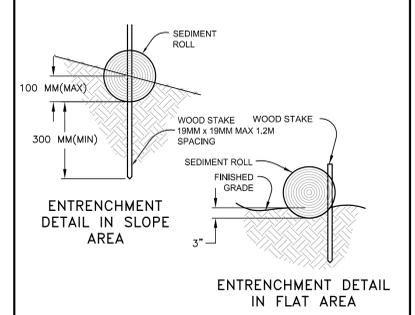
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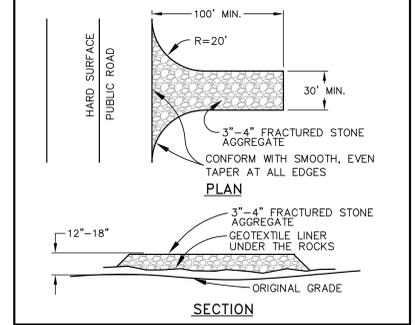
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**STORM DRAIN INLET PROTECTION
- TYPE 3**



FIBER ROLLS



TEMP. CONSTRUCTION EXIT

- EROSION CONTROL NOTES:**
- 1.) EROSION CONTROL FACILITIES SHALL BE MAINTAINED IN GOOD CONDITION TO PREVENT SILTATION FROM ENTERING INLETS.
 - 2.) DUST GENERATED ON THE PROJECT SITE SHALL BE CONTROLLED BY SELECTIVE WATERING OF EXPOSED AREAS, ESPECIALLY DURING CLEARING AND GRADING OPERATIONS.
 - 3.) PAVING SHALL BE COMPLETED AS SOON AS IS PRACTICABLE TO REDUCE THE TIME THAT BARE SURFACES AND SOILS ARE EXPOSED IN AREAS WHERE CONSTRUCTION IS DELAYED FOR AN EXTENDED PERIOD OF TIME. THE GROUND SHALL BE REVEGETATED TO MINIMIZE THE GENERATION OF DUST.
 - 4.) STREET SWEEPING SHALL BE CONDUCTED TO CONTROL DUST AND DIRT TRACKED FROM THE PROJECT SITE ONTO ADJACENT STREETS.

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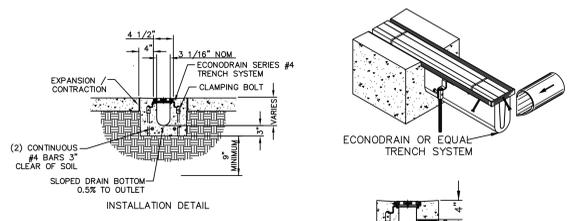
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**EROSION CONTROL
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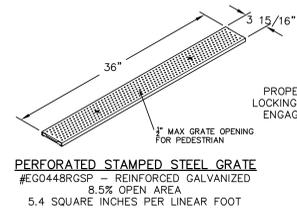
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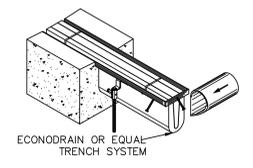
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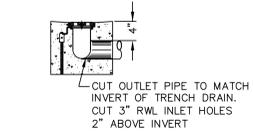
MONOLITHIC POUR INSTALLATION DETAIL



PERFORATED STAMPED STEEL GRATE
#EG044BRGSP - REINFORCED GALVANIZED
8.5% OPEN AREA
5.4 SQUARE INCHES PER LINEAR FOOT



ECONODRAIN OR EQUAL TRENCH SYSTEM



GRATE LOCKING DEVICE INSTALLATION

- CONSTRUCTION NOTES:
1. ADD REBAR AS REQUIRED
 2. EXPANSION / CONTRACTION JOINT SEE CONCRETE DETAIL
 3. STANDARD CHANNEL LENGTH IS 8'-0" (96")
 4. STANDARD CHANNEL SLOPE IS 0.5%
 5. MINIMUM CONCRETE COVERAGE OF OUTLET/INLET PIPES IS 4 INCHES MIN.
 6. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
 7. SECURE OUTLET & INLET PIPES PRIOR TO CONCRETING OPERATIONS.
 8. GRATE OPENINGS SHALL BE 1/2" MAX. DIAMETER, PER CBC 11B-302.3.

8 TRENCH DRAIN Econo Drain #4 or approved equal SCALE: NTS

NOT USED

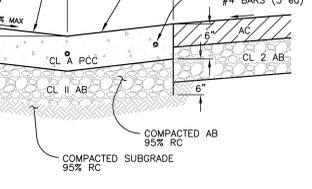
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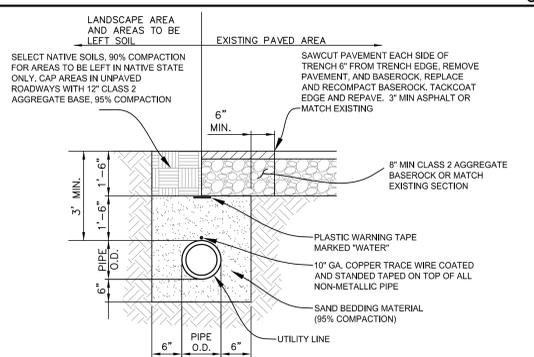
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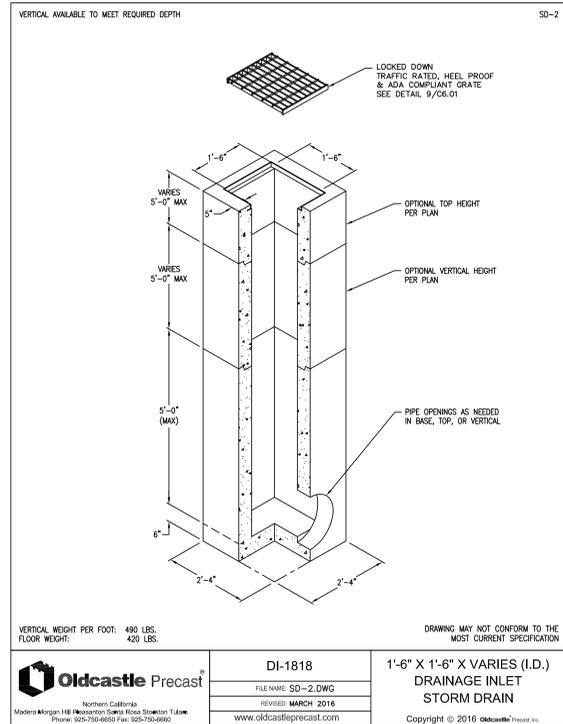
5 NOT USED SCALE: NTS



6 ADA COMPLIANT VALLEY GUTTER - 36 INCH SCALE: NTS



7 UTILITY TRENCH SCALE: NTS



DI-1818
FILE NAME: SD-2.DWG
REVISED: MARCH 2016
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1 STORM INLET 18" SCALE: NTS

NOT USED

2 NOT USED SCALE: NTS

GRATE & FRAME TO BE H-20 TRAFFIC RATED. SD-13

NOTES:
1. FOR FRAME SIZES SEE "TYPICAL FRAME AND GRATE" PAGE.
2. 1/2" MAXIMUM SPACING BETWEEN BEARING BARS.

AMERICAN DISABILITIES ACT (ADA), WHEEL CHAIR PROOF PEDESTRIAN GRATES						
SIZE	A	B	GRATE HEIGHT	WEIGHT (LBS)	BEARING BAR QTY.	
12x12	14 5/8"	11 7/8"	1 1/4"	20	18	
18x18	20 5/8"	18"	1"	32	28	
18x24	20 5/8"	24"	1 1/4"	54	35	
24x24	26 3/4"	24"	1 1/4"	88	35	
24x30	26 3/4"	30"	1 1/4"	97	44	
24x36	26 1/2"	36"	1 1/4"	106	53	
24x48	26 5/8"	48"	1 1/4"	133	72	

AMERICAN DISABILITIES ACT (ADA), WHEEL CHAIR PROOF TRAFFIC GRATES

SIZE	A	B	GRATE HEIGHT	WEIGHT (LBS)	BEARING BAR QTY.
12x12	14 5/8"	11 7/8"	1 1/4"	20	18
18x18	20 5/8"	18"	2 1/4"	72	28
18x24	20 5/8"	24"	2 1/4"	97	35
24x24	26 3/4"	24"	2 1/4"	122	35
24x30	26 3/4"	30"	2 1/4"	156	44
24x36	26 1/2"	36"	2 1/4"	191	53
24x48	26 5/8"	48"	2 1/4"	236	72

HEEL PROOF PEDESTRIAN GRATES

SIZE	A	B	GRATE HEIGHT	WEIGHT (LBS)	BEARING BAR QTY.
12x12	14 5/8"	11 7/8"	1 1/4"	27	27
18x18	20 5/8"	18"	1 1/4"	33	42
24x24	26 3/4"	24"	1 1/4"	101	55

NOTES:
1. FOR FRAME SIZES SEE "TYPICAL FRAME AND GRATE" PAGE.
2. 1/2" MAXIMUM SPACING BETWEEN BEARING BARS.
3. TRAFFIC RATED HEEL PROOF GRATES ARE AVAILABLE UPON REQUEST.

Oldcastle Precast
Northern California
Modern Morgan Hill Resurfacing Santa Rosa Station Tulare
Phone: 925-750-6600 Fax: 925-750-6600

ADA & HEEL GRATES
FILE NAME: SD-13.DWG
REVISED: MARCH 2016
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TYPICAL GRATES DRAINAGE INLET STORM DRAIN
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9 STORM INLET GRATES SCALE: NTS

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PACIFIC GROVE UNIFIED SCHOOL DISTRICT
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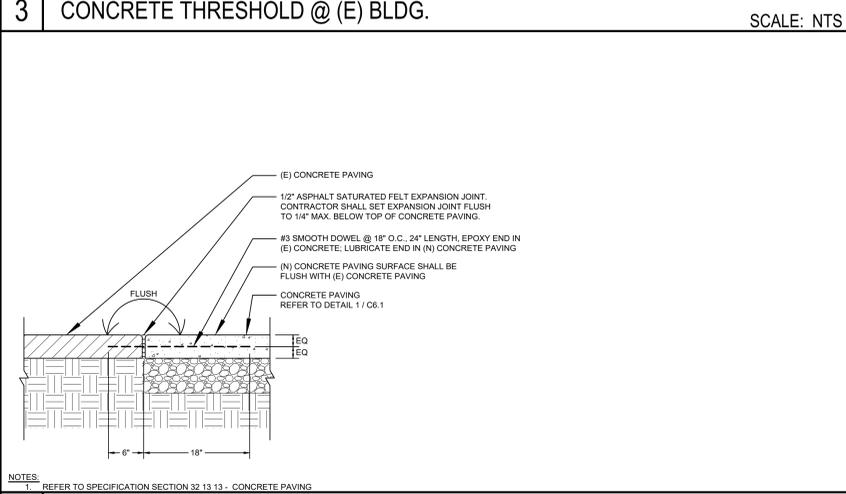
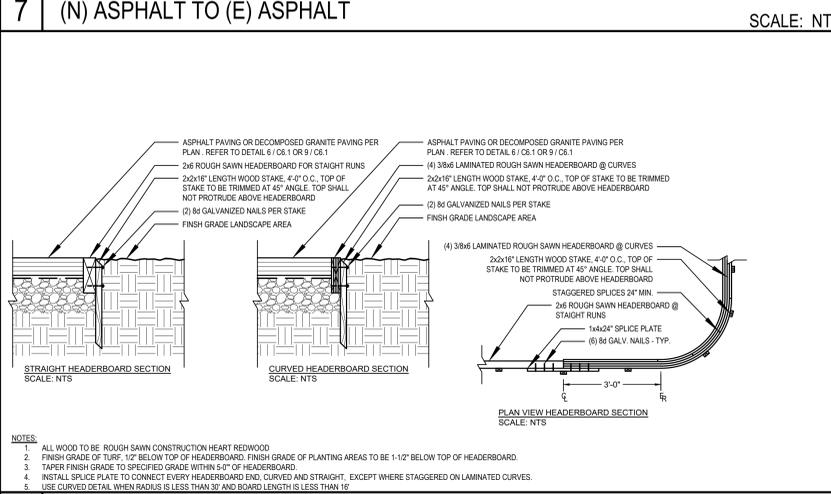
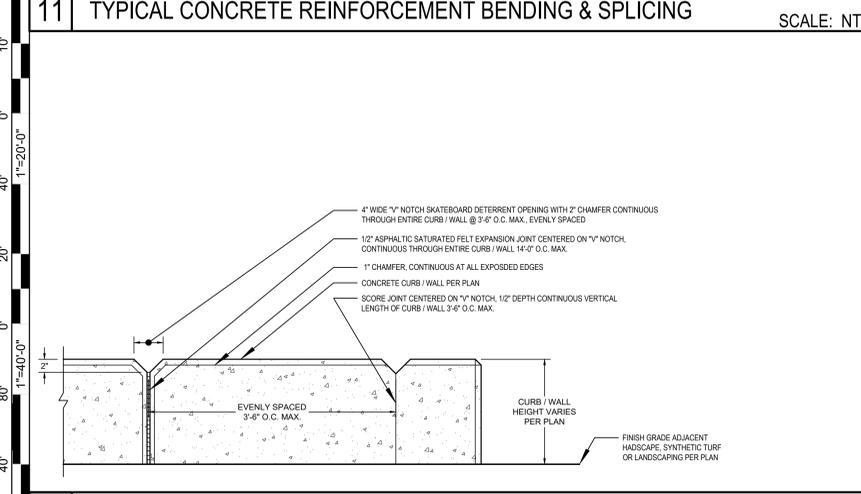
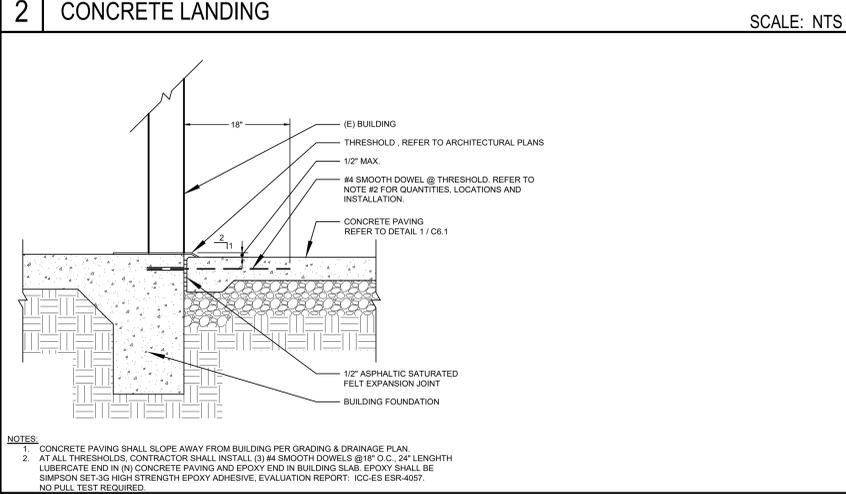
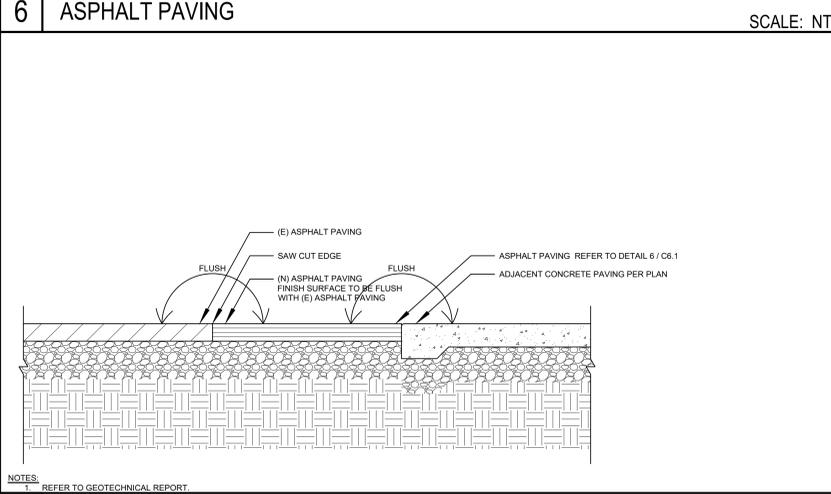
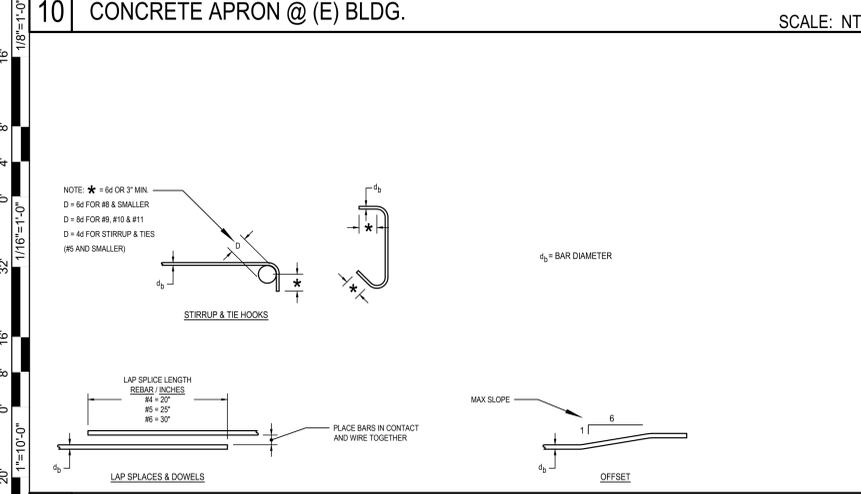
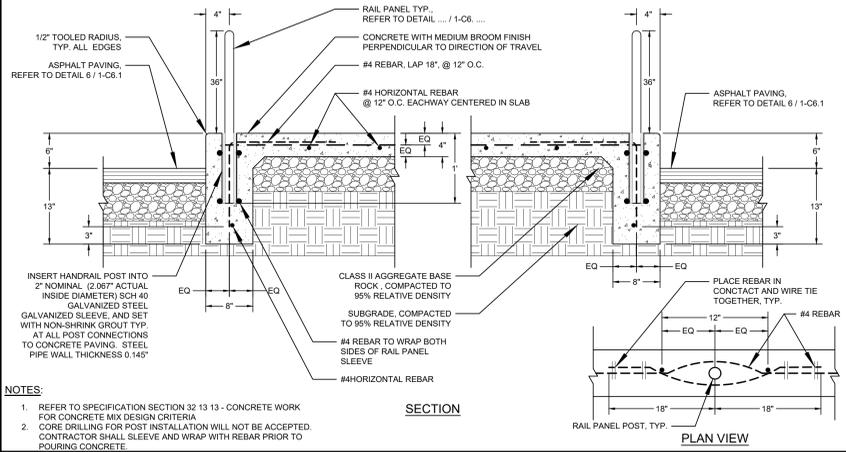
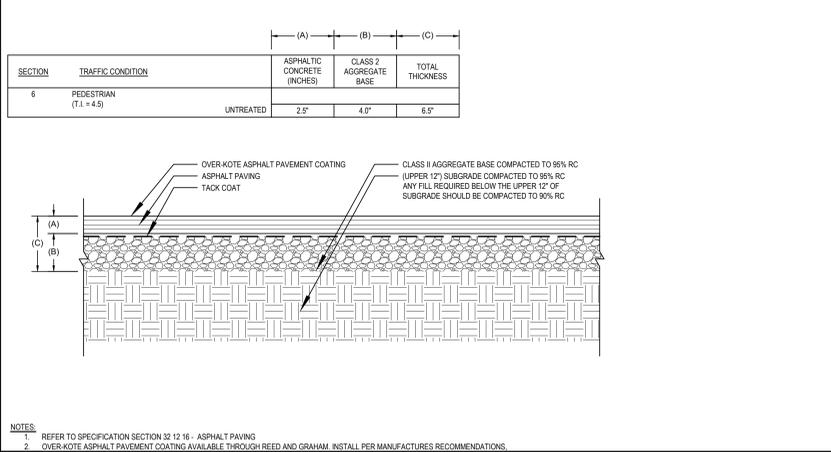
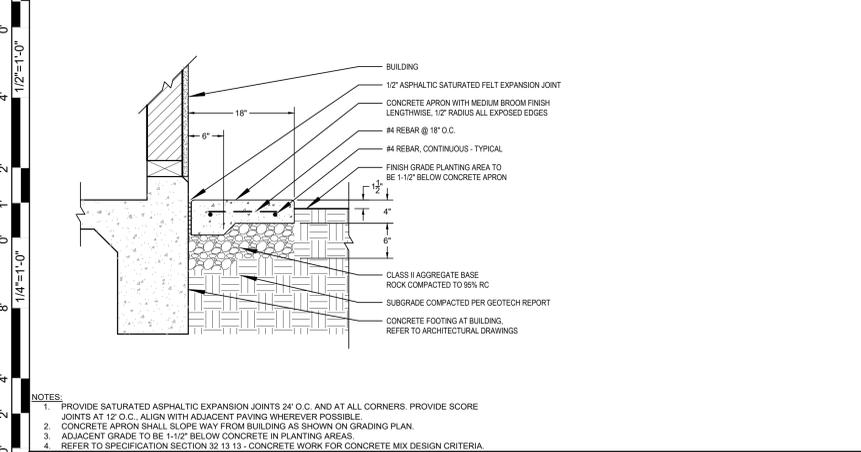
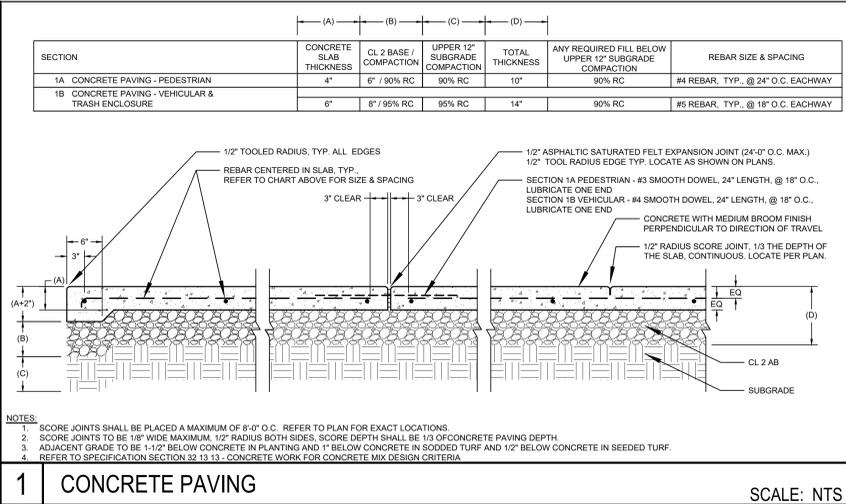
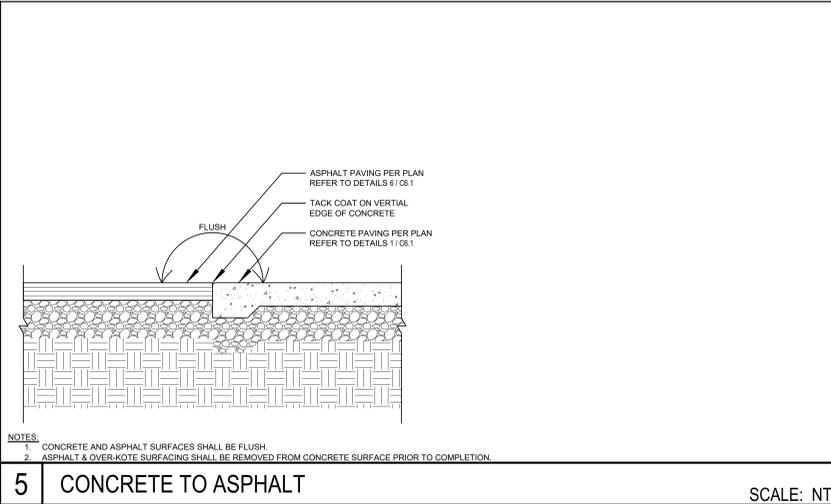
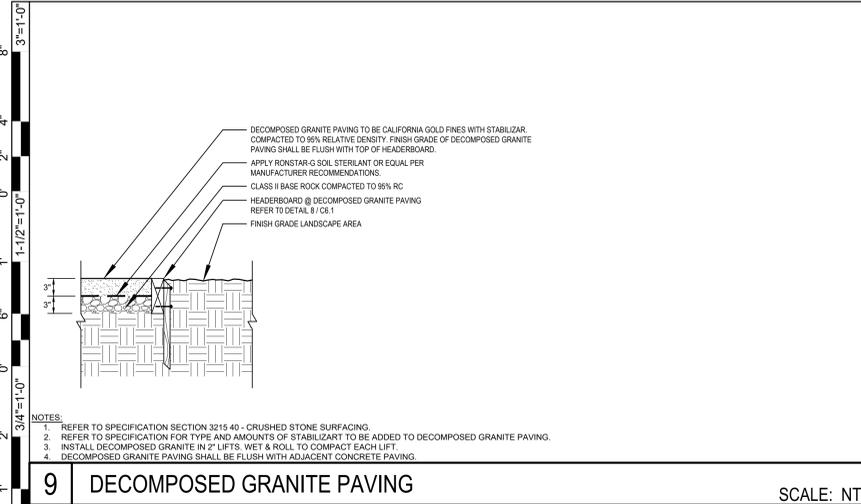
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Revision Schedule		
NO.	Description	Date

PROJECT #
DCA 25.051
CEI 3264
ISSUE DATE:
02/27/2026

SHEET #
C6.01

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PACIFIC GROVE UNIFIED SCHOOL DISTRICT
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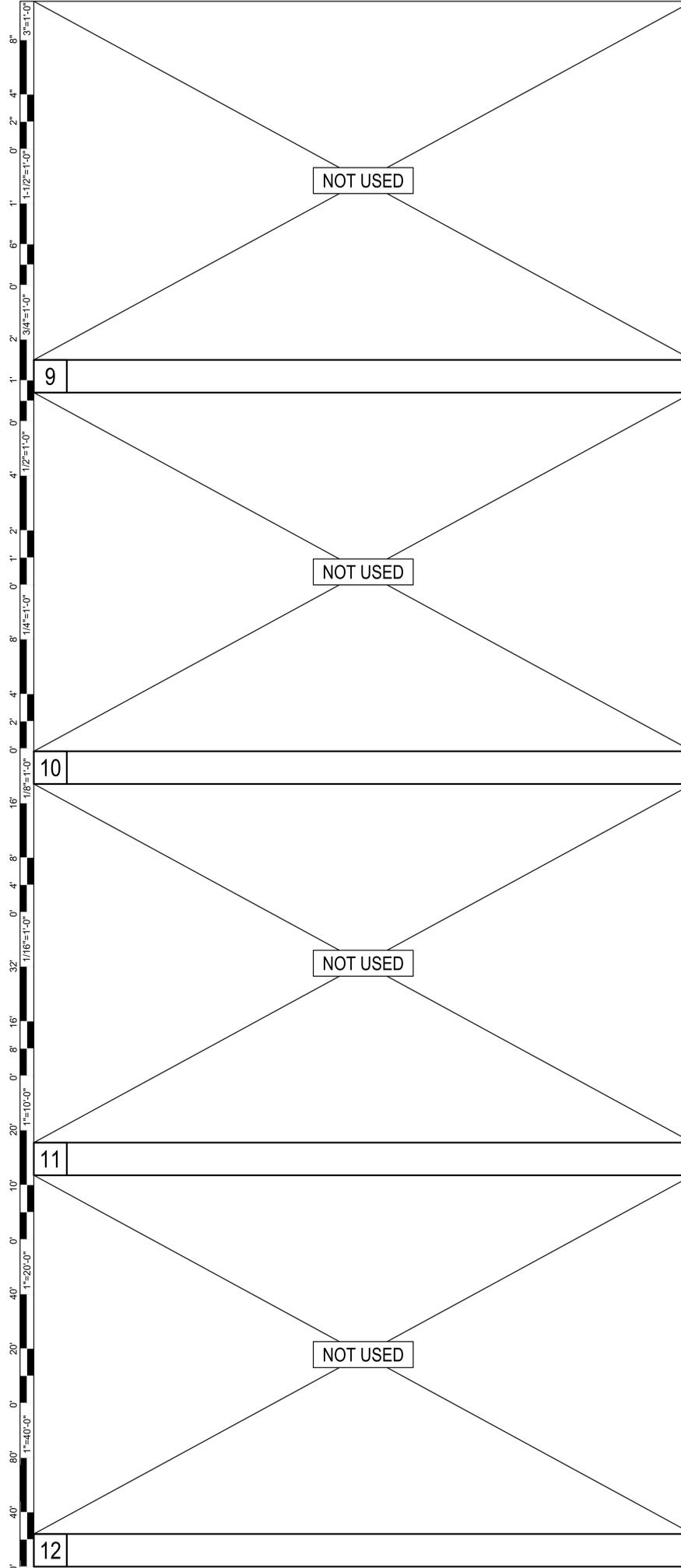
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CONSTRUCTION DETAILS

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NO.	Description	Date

PROJECT #
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 CEI 3264

ISSUE DATE:
 02/27/2026

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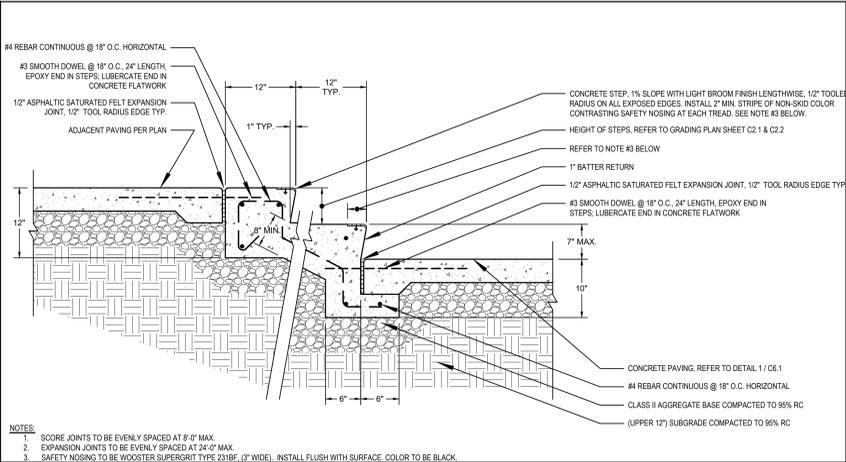


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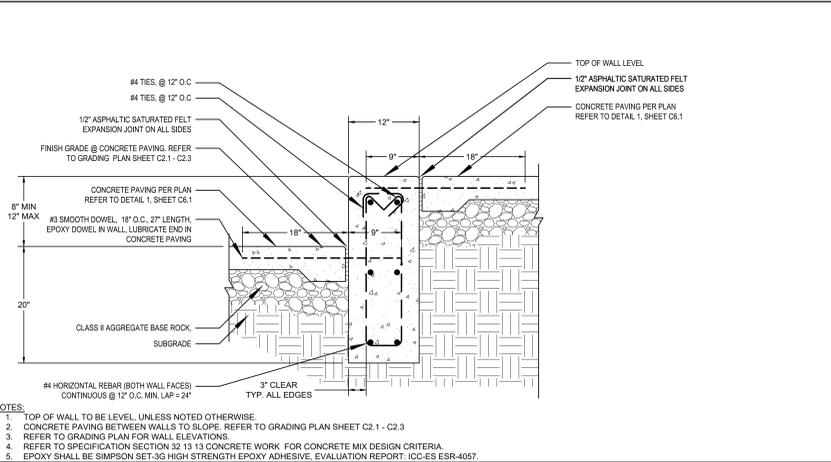
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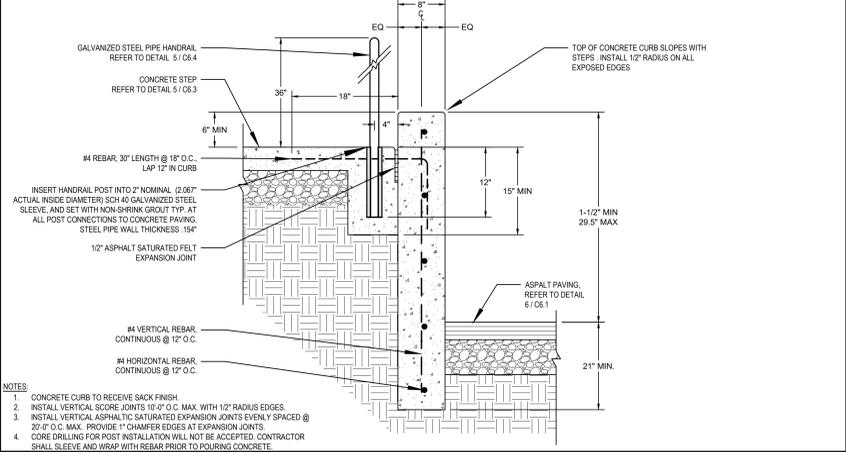
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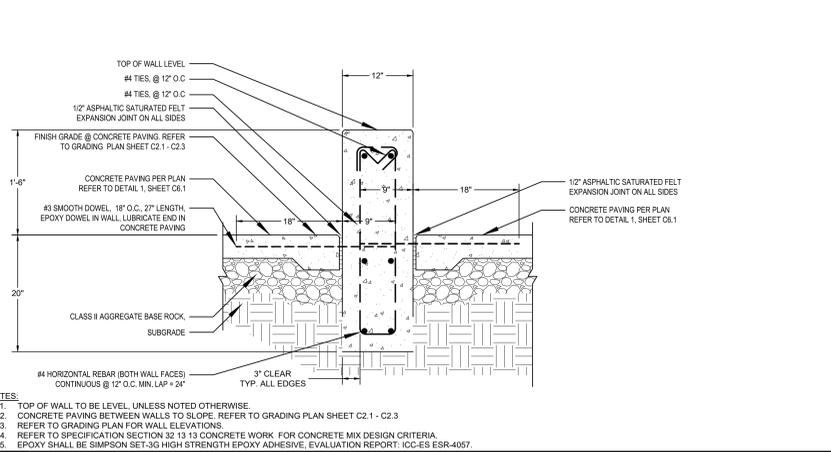
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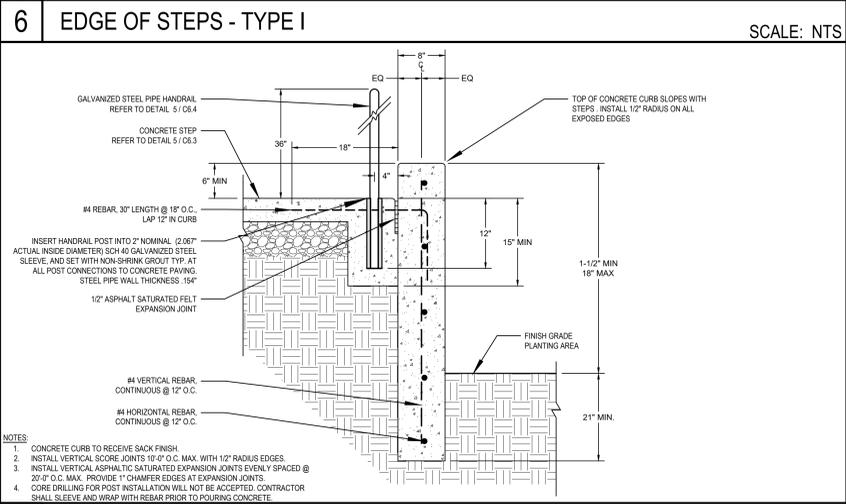
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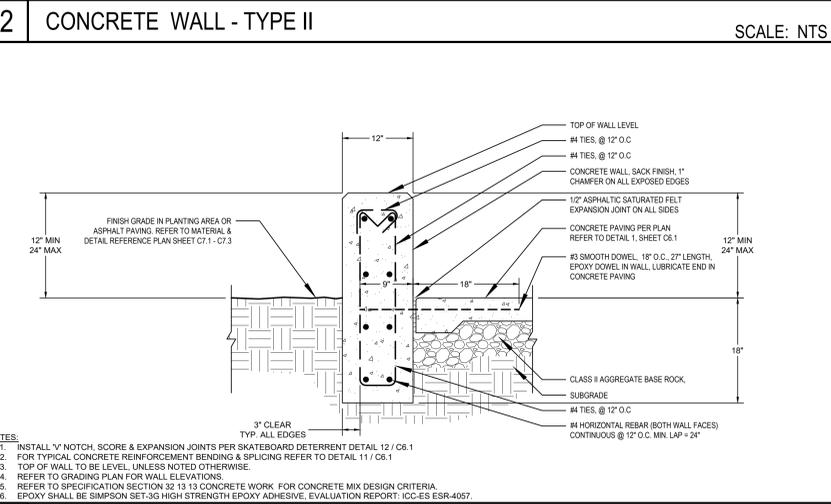
6 EDGE OF STEPS - TYPE I SCALE: NTS



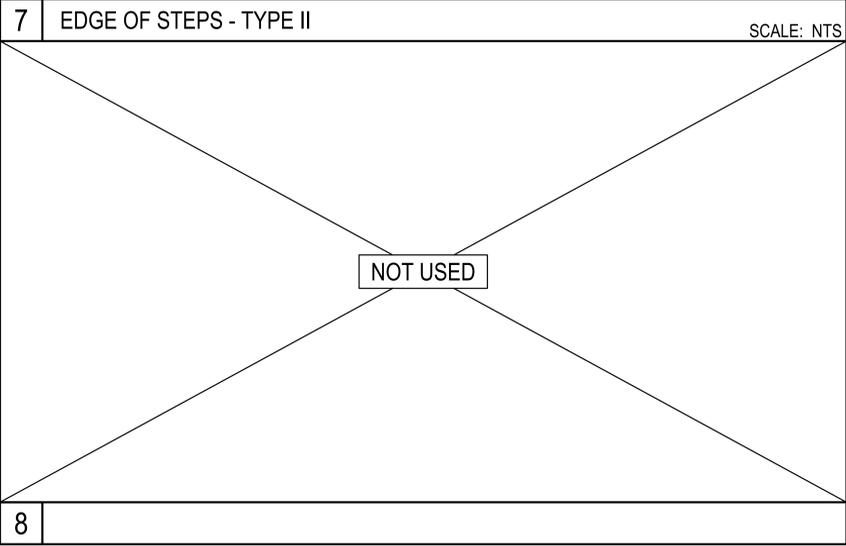
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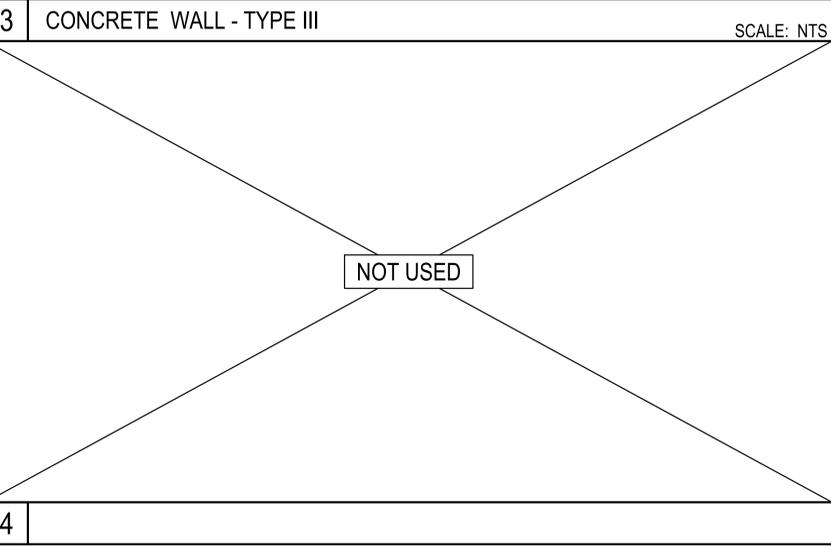
7 EDGE OF STEPS - TYPE II SCALE: NTS



3 CONCRETE WALL - TYPE III SCALE: NTS



8 EDGE OF STEPS - TYPE II SCALE: NTS



4 CONCRETE WALL - TYPE III SCALE: NTS

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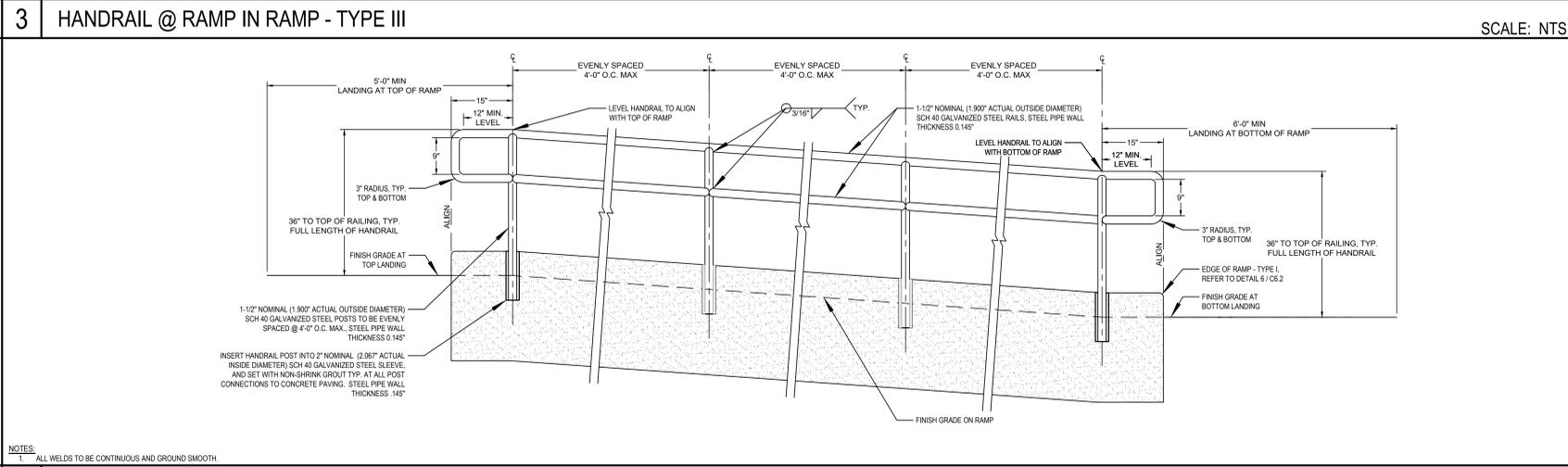
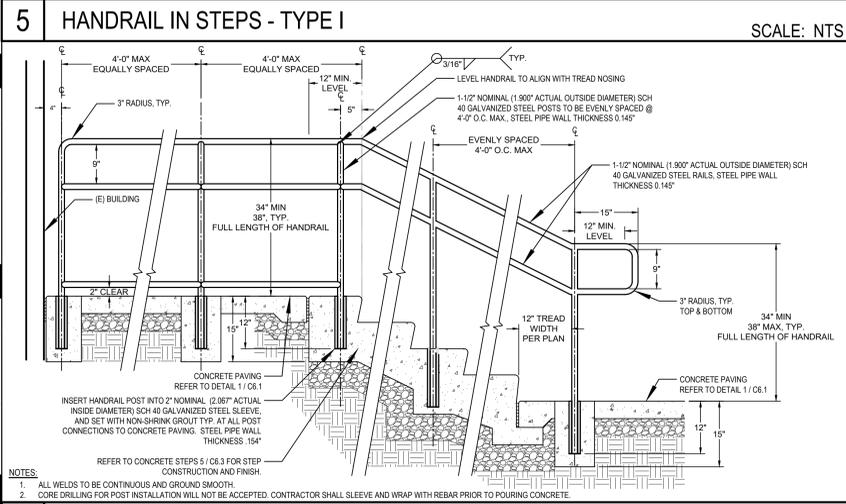
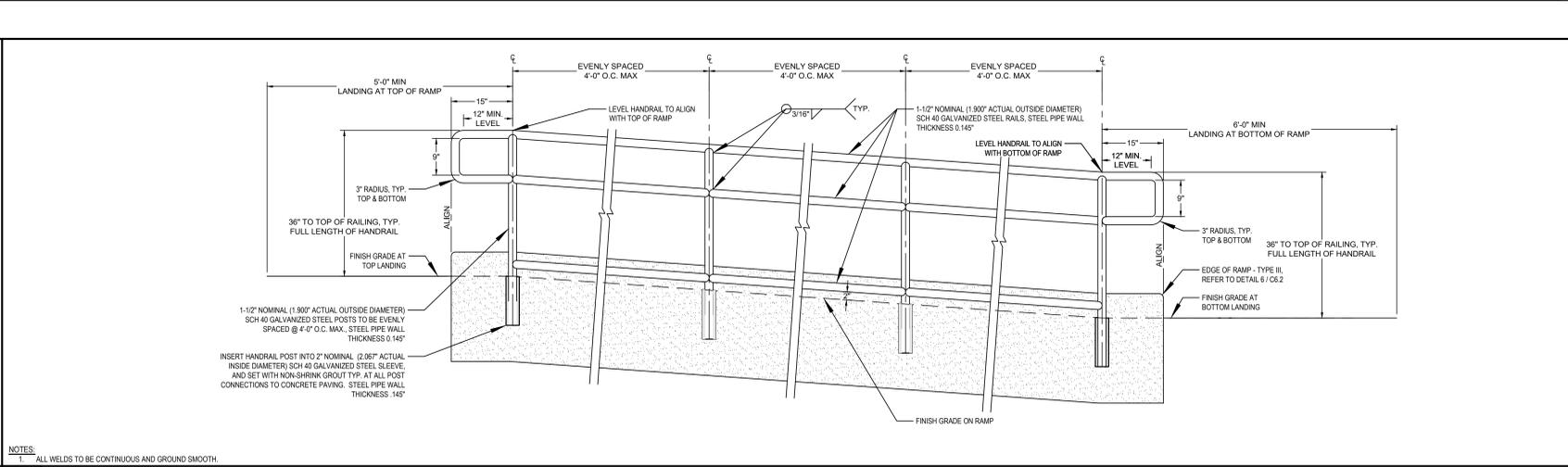
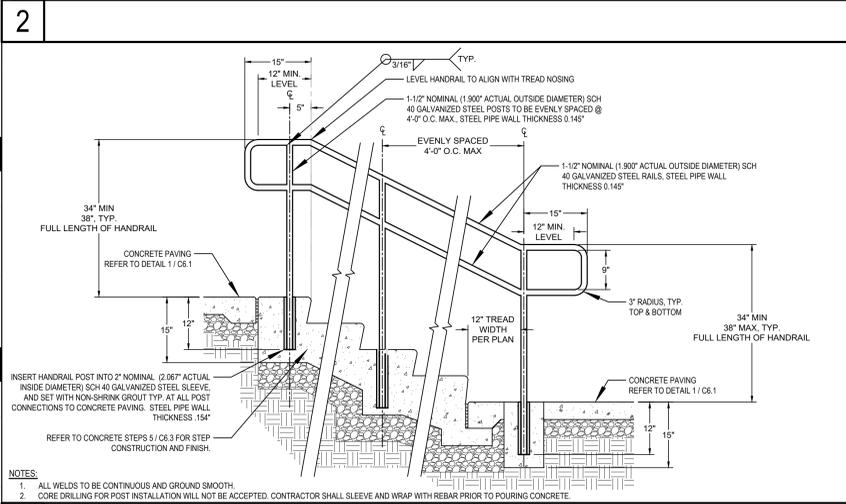
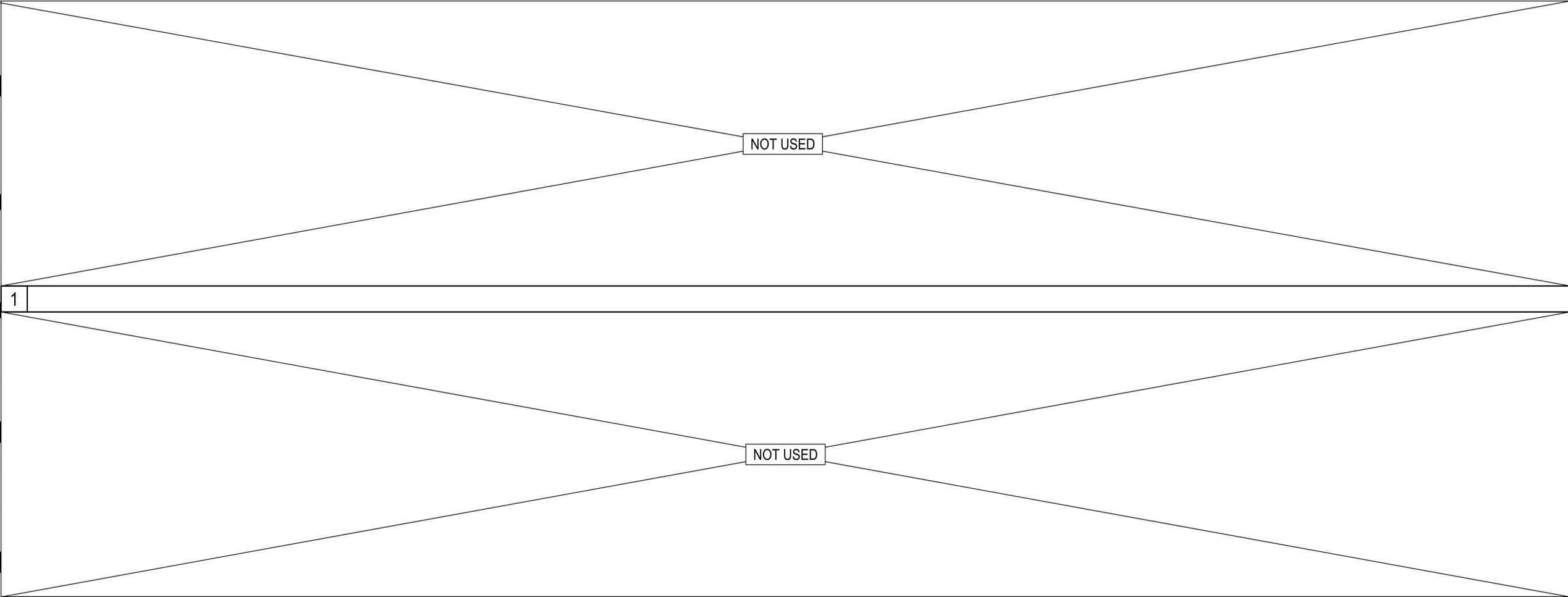
SHEET TITLE:
CONSTRUCTION DETAILS

Revision Schedule		
NO.	Description	Date

PROJECT #
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 CEI 3264
 ISSUE DATE:
 02/27/2026

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C6.3

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5 HANDRAIL IN STEPS - TYPE I SCALE: NTS

3 HANDRAIL @ RAMP IN RAMP - TYPE III SCALE: NTS

6 HANDRAIL IN STEPS - TYPE II SCALE: NTS

4 HANDRAIL @ RAMP IN CURB - TYPE IV SCALE: NTS

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 PACIFIC GROVE, CA 93950

SHEET TITLE:
CONSTRUCTION DETAILS

Revision Schedule

NO.	Description	Date

PROJECT #
 DCA 25.051
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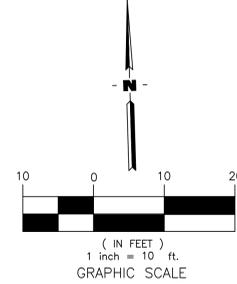
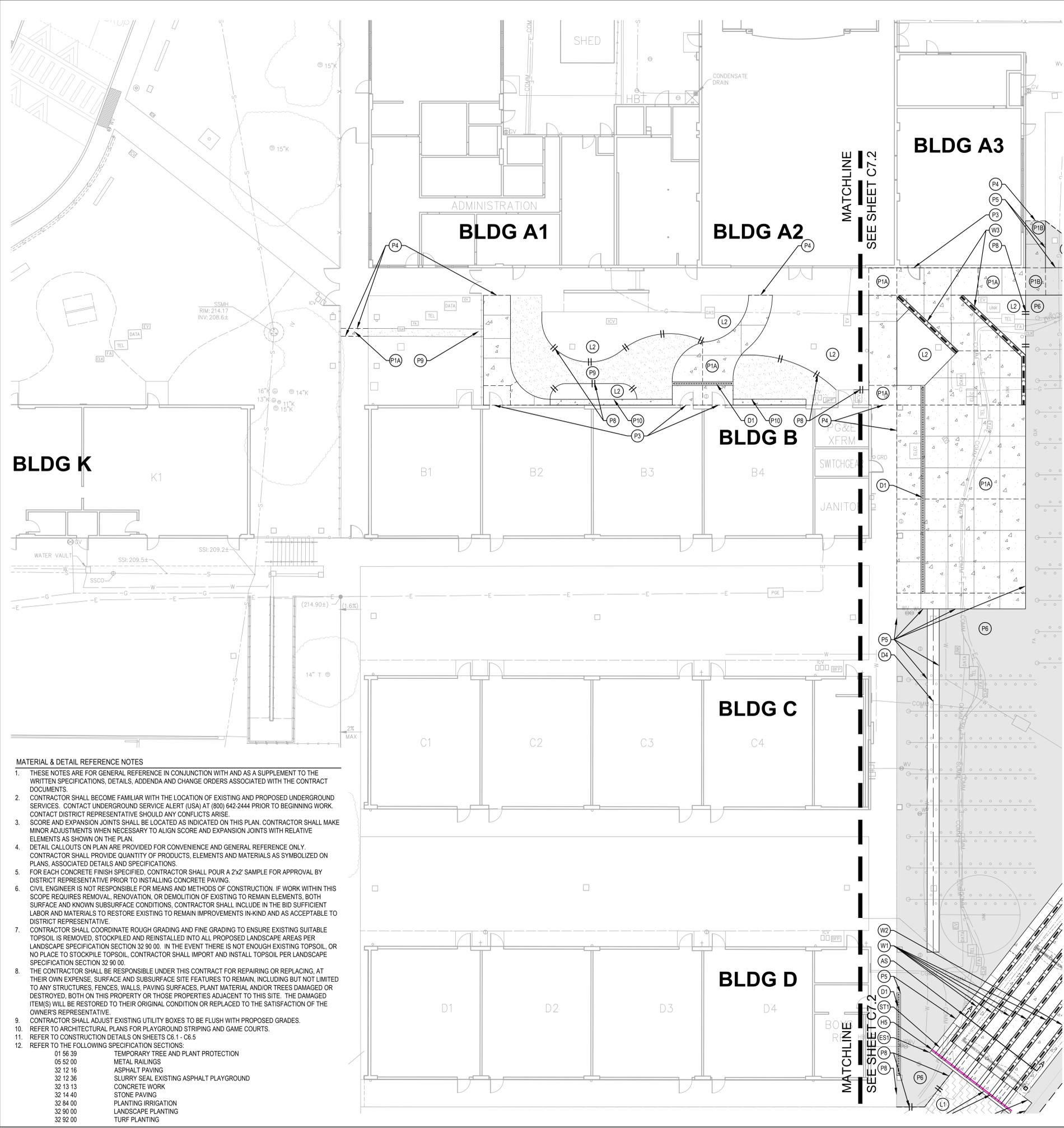
SHEET #
C6.4

ISSUE DATE:
 02/27/2026

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MATERIAL & DETAIL REFERENCE LEGEND
PAVING DETAILS

KEYNOTE	DETAIL NAME	SYMBOL	DETAIL REFERENCE
(P1A)	CONCRETE PAVING - PEDESTRIAN	[Symbol]	1/C6.1
(P1B)	CONCRETE PAVING - VEHICULAR	[Symbol]	1/C6.1
(P2)	CONCRETE LANDING	[Symbol]	2/C6.1
(P3)	CONCRETE THRESHOLD @ (E) BLDG.	[Symbol]	3/C6.1
(P4)	(N) CONCRETE TO (E) CONCRETE (EXPANSION JOINT)	[Symbol]	4/C6.1
(P5)	CONCRETE TO ASPHALT	[Symbol]	5/C6.1
(P6)	ASPHALT PAVING	[Symbol]	6/C6.1
(P7)	(N) ASPHALT TO (E) ASPHALT (ASPHALT SAW CUT EDGE)	[Symbol]	7/C6.1
(P8)	HEADERBOARD @ ASPHALT / DECOMPOSED GRANITE PAVING	[Symbol]	8/C6.1
(P9)	DECOMPOSED GRANITE PAVING	[Symbol]	9/C6.1
(P10)	CONCRETE APRON @ (E) BLDG	[Symbol]	9/C6.1

CURB & WALL DETAILS

KEYNOTE	DETAIL NAME	SYMBOL	DETAIL REFERENCE
(C1)	CONCRETE CURB - TYPE I	[Symbol]	1/C6.2
(C2)	NOT USED	[Symbol]	
(C3)	CONCRETE CURB - TYPE III	[Symbol]	3/C6.2
(C4)	NOT USED	[Symbol]	
(ER1)	EDGE OR RAMP - TYPE I (HANDRAIL IN CURB)	[Symbol]	6/C6.2
(ER2)	EDGE OR RAMP - TYPE II (HANDRAIL IN RAMP)	[Symbol]	7/C6.2
(ER3)	NOT USED	[Symbol]	
(ER4)	NOT USED	[Symbol]	
(ER5)	NOT USED	[Symbol]	
(W1)	CONCRETE WALL - TYPE I	[Symbol]	1/C6.3
(W2)	CONCRETE WALL - TYPE II	[Symbol]	2/C6.3
(W3)	CONCRETE WALL - TYPE III	[Symbol]	3/C6.3
(ST1)	CONCRETE STEPS	[Symbol]	5/C6.3
(ES1)	EDGE OF STEPS - TYPE I (HANDRAIL IN STEP)	[Symbol]	6/C6.3
(ES2)	EDGE OF STEPS - TYPE II (HANDRAIL IN STEP)	[Symbol]	7/C6.3
(AS)	AMPHITHEATER SECTION	[Symbol]	1/C6.5

HANDRAILS

KEYNOTE	DETAIL NAME	SYMBOL	SHEET REFERENCE
(H1)	NOT USED	[Symbol]	
(H2)	NOT USED	[Symbol]	
(H3)	HANDRAIL @ RAMP IN RAMP - TYPE II	[Symbol]	3/C6.4
(H4)	HANDRAIL @ RAMP IN CURB - TYPE IV	[Symbol]	4/C6.4
(H5)	HANDRAIL IN STEPS - TYPE I	[Symbol]	5/C6.4
(H6)	HANDRAIL IN STEPS - TYPE II	[Symbol]	6/C6.4

DRAINAGE

KEYNOTE	DETAIL NAME	SYMBOL	SHEET REFERENCE
(D1)	TRENCH DRAIN	[Symbol]	8/C6.01
(D2)	NOT USED	[Symbol]	
(D3)	NOT USED	[Symbol]	
(D4)	VALLEY GUTTER - 36 INCH	[Symbol]	6/C6.01

LANDSCAPE

KEYNOTE	DETAIL NAME	SYMBOL	SHEET REFERENCE
(L1)	BARK MULCH - 3" DEPTH REFER TO SPECIFICATION SECTION 32 90 00 - LANDSCAPE PLANTING	[Symbol]	L2.1
(L2)	PLANTING AREA REFER TO SPECIFICATION SECTION 32 90 00 - LANDSCAPE PLANTING	[Symbol]	L2.1

FENCING

KEYNOTE	DETAIL NAME	SYMBOL	SHEET REFERENCE
(FNC-D1)	CHAIN LINK FENCE REFER TO ARCHITECTURAL PLANS	[Symbol]	

- MATERIAL & DETAIL REFERENCE NOTES**
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
 - CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT DISTRICT REPRESENTATIVE SHOULD ANY CONFLICTS ARISE.
 - SCORE AND EXPANSION JOINTS SHALL BE LOCATED AS INDICATED ON THIS PLAN. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS WHEN NECESSARY TO ALIGN SCORE AND EXPANSION JOINTS WITH RELATIVE ELEMENTS AS SHOWN ON THE PLAN.
 - DETAIL CALLOUTS ON PLAN ARE PROVIDED FOR CONVENIENCE AND GENERAL REFERENCE ONLY. CONTRACTOR SHALL PROVIDE QUANTITY OF PRODUCTS, ELEMENTS AND MATERIALS AS SYMBOLIZED ON PLANS. ASSOCIATED DETAILS AND SPECIFICATIONS.
 - FOR EACH CONCRETE FINISH SPECIFIED, CONTRACTOR SHALL POUR A 2x2" SAMPLE FOR APPROVAL BY DISTRICT REPRESENTATIVE PRIOR TO INSTALLING CONCRETE PAVING.
 - CIVIL ENGINEER IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. IF WORK WITHIN THIS SCOPE REQUIRES REMOVAL, RENOVATION, OR DEMOLITION OF EXISTING TO REMAIN ELEMENTS, BOTH SURFACE AND KNOWN SUBSURFACE CONDITIONS, CONTRACTOR SHALL INCLUDE IN THE BID SUFFICIENT LABOR AND MATERIALS TO RESTORE EXISTING TO REMAIN IMPROVEMENTS IN-KIND AND AS ACCEPTABLE TO DISTRICT REPRESENTATIVE.
 - CONTRACTOR SHALL COORDINATE ROUGH GRADING AND FINE GRADING TO ENSURE EXISTING SUITABLE TOPSOIL IS REMOVED, STOCKPILED AND REINSTALLED INTO ALL PROPOSED LANDSCAPE AREAS PER LANDSCAPE SPECIFICATION SECTION 32 90 00. IN THE EVENT THERE IS NOT ENOUGH EXISTING TOPSOIL, OR NO PLACE TO STOCKPILE TOPSOIL, CONTRACTOR SHALL IMPORT AND INSTALL TOPSOIL PER LANDSCAPE SPECIFICATION SECTION 32 90 00.
 - THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT THEIR OWN EXPENSE, SURFACE AND SUBSURFACE SITE FEATURES TO REMAIN, INCLUDING BUT NOT LIMITED TO ANY STRUCTURES, FENCES, WALLS, PAVING SURFACES, PLANT MATERIAL AND/OR TREES DAMAGED OR DESTROYED, BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
 - CONTRACTOR SHALL ADJUST EXISTING UTILITY BOXES TO BE FLUSH WITH PROPOSED GRADES.
 - REFER TO ARCHITECTURAL PLANS FOR PLAYGROUND STRIPING AND GAME COURTS.
 - REFER TO CONSTRUCTION DETAILS ON SHEETS C6.1 - C6.5
 - REFER TO THE FOLLOWING SPECIFICATION SECTIONS:
 - 01 55 39 TEMPORARY TREE AND PLANT PROTECTION
 - 05 52 00 METAL RAILINGS
 - 32 12 16 ASPHALT PAVING
 - 32 12 36 SLURRY SEAL EXISTING ASPHALT PLAYGROUND
 - 32 13 13 CONCRETE WORK
 - 32 14 40 STONE PAVING
 - 32 84 00 PLANTING IRRIGATION
 - 32 90 00 LANDSCAPE PLANTING
 - 32 92 00 TURF PLANTING

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Professional Seals
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3/2/26

PACIFIC GROVE UNIFIED SCHOOL DISTRICT
FOREST GROVE ELEMENTARY SCHOOL SITE IMPROVEMENTS
 485 PINE AVE.
 PACIFIC GROVE, CA 93950

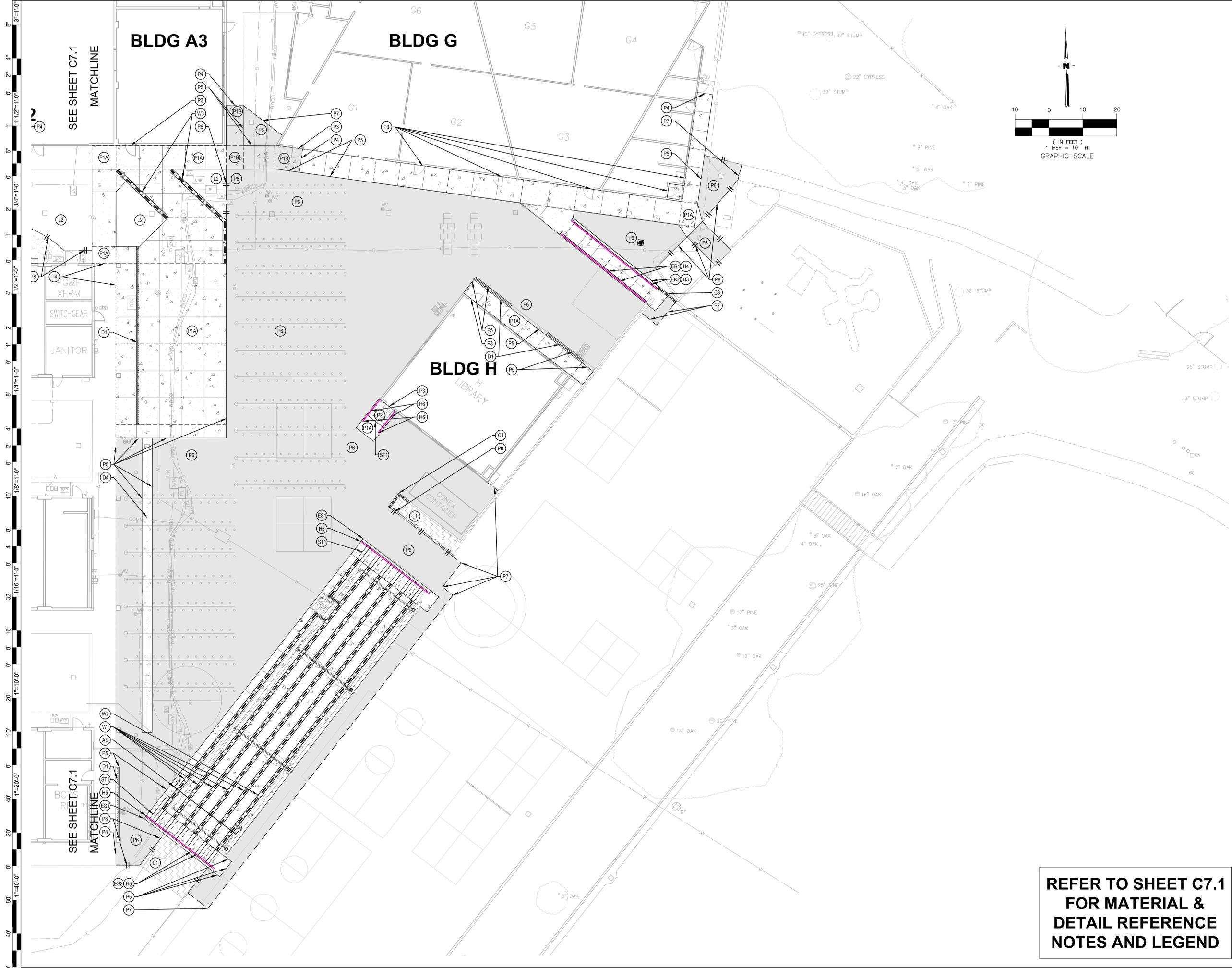
SHEET TITLE:
MATERIAL & DETAIL REFERENCE PLAN

Revision Schedule

NO.	Description	Date

PROJECT #
 DCA 25.051
 CEI 3264
 SHEET #
C7.1
 ISSUE DATE:
 02/27/2026

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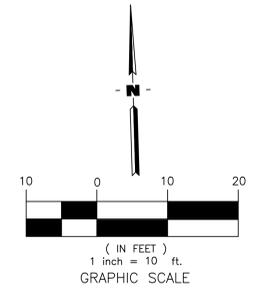
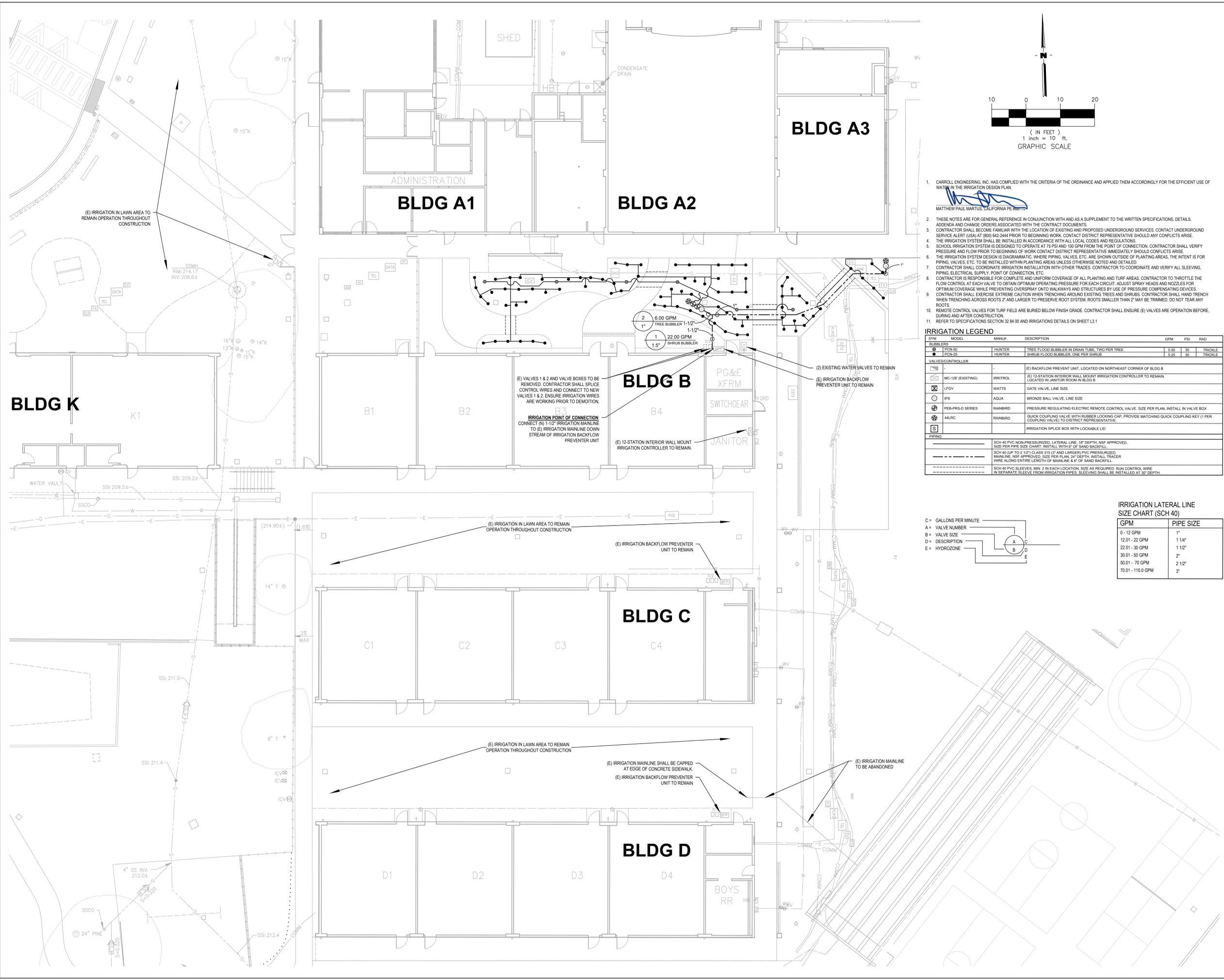
PACIFIC GROVE UNIFIED SCHOOL DISTRICT
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SHEET TITLE:
MATERIAL & DETAIL REFERENCE PLAN

Revision Schedule		
NO.	Description	Date

PROJECT #
 DCA 25.051
 CEI 3264
 ISSUE DATE:
 02/27/2026

SHEET #
C7.2



- CARROLL ENGINEERING, INC. HAS COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 662-3444 PRIOR TO BEGINNING WORK. CONTACT DISTRICT REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE.
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS.
- SCHOOL IRRIGATION SYSTEM IS DESIGNED TO OPERATE AT 75 PSI AND 100 GPM FROM THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE AND FLOW PRIOR TO BEGINNING OF WORK CONTACT DISTRICT REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE.
- THE IRRIGATION SYSTEM DESIGN IS DIAGRAMATIC. WHERE PIPING, VALVES, ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS FOR PIPING, VALVES, ETC. TO BE INSTALLED WITHIN PLANTING AREAS UNLESS OTHERWISE NOTED AND DETAILED.
- CONTRACTOR SHALL COORDINATE IRRIGATION INSTALLATION WITH OTHER TRADES. CONTRACTOR TO COORDINATE AND VERIFY ALL SLEEVING, PIPING, ELECTRICAL SUPPLY, POINT OF CONNECTION, ETC.
- CONTRACTOR IS RESPONSIBLE FOR COMPLETE AND UNIFORM COVERAGE OF ALL PLANTING AND TURF AREAS. CONTRACTOR TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN OPTIMUM OPERATING PRESSURE FOR EACH CIRCUIT. ADJUST SPRAY HEADS AND NOZZLES FOR OPTIMUM COVERAGE WHILE PREVENTING OVERSPRAY ON TO WALKWAYS AND STRUCTURES BY USE OF PRESSURE COMPENSATING DEVICES.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN TRENCHING AROUND EXISTING TREES AND SHRUBS. CONTRACTOR SHALL HAND TRENCH WHEN TRENCHING ACROSS ROOTS 2" AND LARGER TO PRESERVE ROOT SYSTEM. ROOTS SMALLER THAN 2" MAY BE TRIMMED. DO NOT TEAR ANY ROOTS.
- REMOTE CONTROL VALVES FOR TURF FIELD ARE BURIED BELOW FINISH GRADE. CONTRACTOR SHALL ENSURE (E) VALVES ARE OPERATION BEFORE, DURING AND AFTER CONSTRUCTION.
- REFER TO SPECIFICATIONS SECTION 32 04 00 AND IRRIGATIONS DETAILS ON SHEET L3.1

IRRIGATION LEGEND

SYM	MODEL	MANUF	DESCRIPTION	GPM	PSI	RAD
●	PCN-50	HUNTER	TREE FLOOD BUBBLER IN DRAN TUBE, TWO PER TREE	0.50	30	TRICKLE
●	PCN-25	HUNTER	SHRUB FLOOD BUBBLER, ONE PER SHRUB	0.25	30	TRICKLE

VALVES/CONTROLLER

⊖	MC-12E (EXISTING)	IRRRITROL	(E) BACKFLOW PREVENTER UNIT, LOCATED ON NORTHEAST CORNER OF BLDG B			
⊖	IFGV	WATTS	GATE VALVE, LINE SIZE			
⊖	IPS	AQUA	BRONZE BALL VALVE, LINE SIZE			
⊖	PEB-PRS-D SERIES	RAINBIRD	PRESSURE REGULATING ELECTRIC REMOTE CONTROL VALVE, SIZE PER PLAN, INSTALL IN VALVE BOX			
⊖	44LRC	RAINBIRD	QUICK COUPLING VALVE WITH RUBBER LOCKING CAP, PROVIDE MATCHING QUICK COUPLING KEY (1 PER COUPLING VALVE) TO DISTRICT REPRESENTATIVE.			
⊖	S		IRRIGATION SPLICE BOX WITH LOCKABLE LID			

PIPING

- SCH 40 PVC NON-PRESSURIZED, LATERAL LINE, 1/2" DEPTH, NSF APPROVED, SIZE PER PIPE SIZE CHART. INSTALL WITH 6" OF SAND BACKFILL.
- SCH 40 UP TO 2" (2" CLASS 315) OF AND LARGER PVC PRESSURIZED MAINLINE, NSF APPROVED, SIZE PER PLAN, 24" DEPTH. INSTALL TRACER WIRE ALONG ENTIRE LENGTH OF MAINLINE & 6" OF SAND BACKFILL.
- SCH 40 PVC SLEEVES, MIN. 1" IN EACH LOCATION, SIZE AS REQUIRED. RUN CONTROL WIRE IN SEPARATE SLEEVE FROM IRRIGATION PIPES. SLEEVING SHALL BE INSTALLED AT 30" DEPTH.

IRRIGATION LATERAL LINE SIZE CHART (SCH 40)

GPM	PIPE SIZE
0 - 12 GPM	1"
12.01 - 22 GPM	1 1/4"
22.01 - 30 GPM	1 1/2"
30.01 - 50 GPM	2"
50.01 - 70 GPM	2 1/2"
70.01 - 110.0 GPM	3"

Legend:
 C = GALLONS PER MINUTE
 A = VALVE NUMBER
 B = VALVE SIZE
 D = DESCRIPTION
 E = HYDROZONE

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PACIFIC GROVE UNIFIED SCHOOL DISTRICT
FOREST GROVE ELEMENTARY SCHOOL SITE IMPROVEMENTS
 485 PINE AVE.
 PACIFIC GROVE, CA 93950

SHEET TITLE:
IRRIGATION PLAN

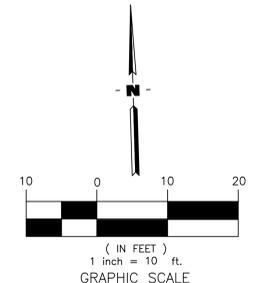
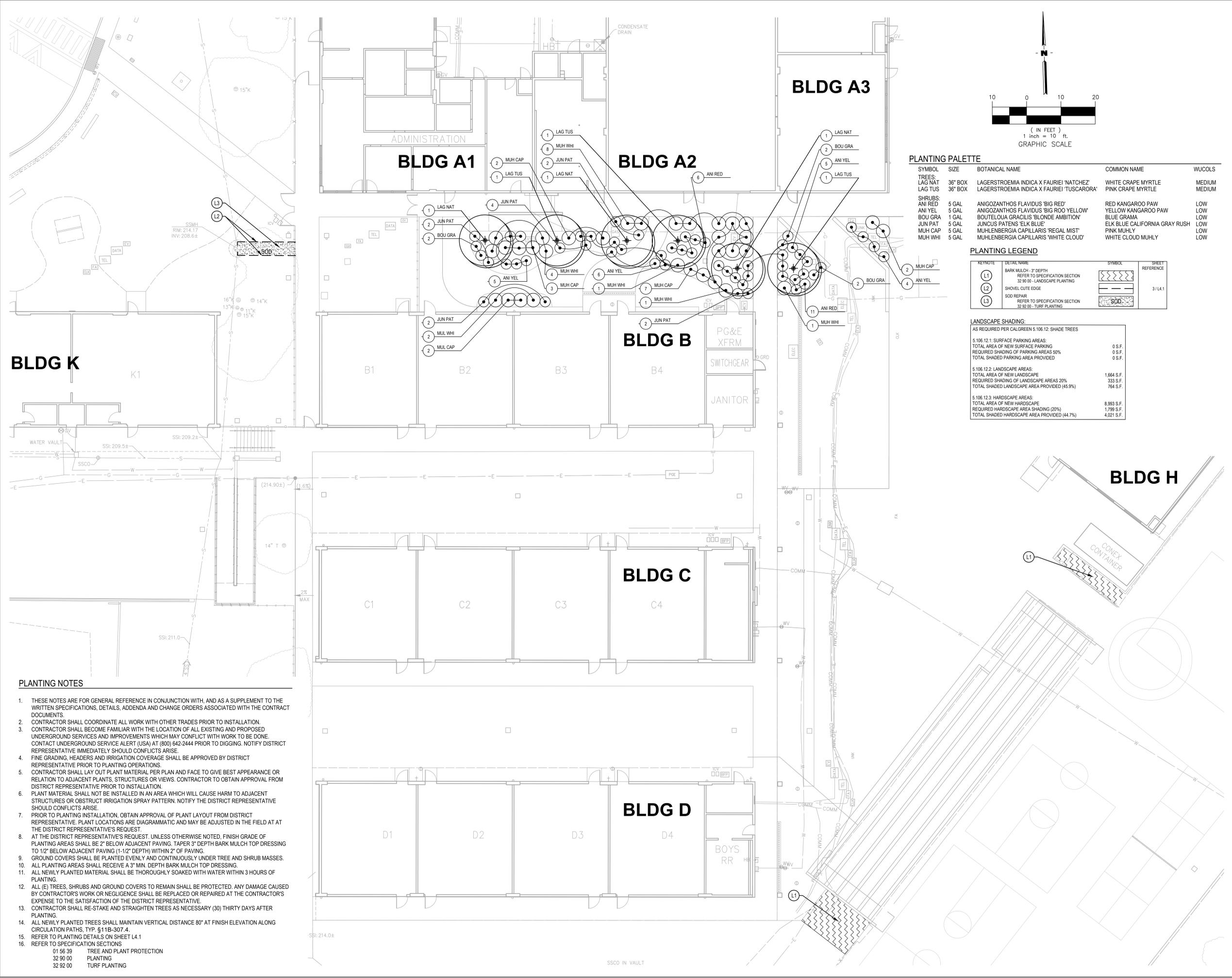
Revision Schedule

NO.	Description	Date

PROJECT #
 DCA 25.051
 CEI 3264
 ISSUE DATE:
 02/27/2026

SHEET #
L1.1

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PLANTING PALETTE

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	WUCOLS
TREES:				
LAG NAT	36" BOX	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ'	WHITE CRAPE MYRTLE	MEDIUM
LAG TUS	36" BOX	LAGERSTROEMIA INDICA X FAURIEI 'TUSCARORA'	PINK CRAPE MYRTLE	MEDIUM
SHRUBS:				
ANI RED	5 GAL	ANIGOZANTHOS FLAVIDUS 'BIG RED'	RED KANGAROO PAW	LOW
ANI YEL	5 GAL	ANIGOZANTHOS FLAVIDUS 'BIG ROO' YELLOW'	YELLOW KANGAROO PAW	LOW
BOU GRA	1 GAL	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLUE GRAMA	LOW
JUN PAT	5 GAL	JUNCUS PATENS 'ELK BLUE'	ELK BLUE CALIFORNIA GRAY RUSH	LOW
MUH CAP	5 GAL	MUHLENBERGIA CAPILLARIS 'REGAL MIST'	PINK MUHLY	LOW
MUH WHI	5 GAL	MUHLENBERGIA CAPILLARIS 'WHITE CLOUD'	WHITE CLOUD MUHLY	LOW

PLANTING LEGEND

KEYNOTE	DETAIL NAME	SYMBOL	SHEET REFERENCE
L1	BARK MULCH - 3" DEPTH REFER TO SPECIFICATION SECTION 32 90 00 - LANDSCAPE PLANTING	[Symbol]	3 / L4.1
L2	SHOVEL CUTTE EDGE	[Symbol]	
L3	SOD REPAIR REFER TO SPECIFICATION SECTION 32 92 00 - TURF PLANTING	[Symbol]	

LANDSCAPE SHADING:

AS REQUIRED PER CALGREEN 5.106.12: SHADE TREES

5.106.12.1 SURFACE PARKING AREAS:	
TOTAL AREA OF NEW SURFACE PARKING	0 S.F.
REQUIRED SHADING OF PARKING AREAS 50%	0 S.F.
TOTAL SHADED PARKING AREA PROVIDED	0 S.F.
5.106.12.2 LANDSCAPE AREAS:	
TOTAL AREA OF NEW LANDSCAPE	1,664 S.F.
REQUIRED SHADING OF LANDSCAPE AREAS 20%	333 S.F.
TOTAL SHADED LANDSCAPE AREA PROVIDED (45.9%)	764 S.F.
5.106.12.3 HARDSCAPE AREAS:	
TOTAL AREA OF NEW HARDSCAPE	8,993 S.F.
REQUIRED HARDSCAPE AREA SHADING (20%)	1,799 S.F.
TOTAL SHADED HARDSCAPE AREA PROVIDED (44.7%)	4,021 S.F.

PLANTING NOTES

- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF ALL EXISTING AND PROPOSED UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH WORK TO BE DONE. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO DIGGING. NOTIFY DISTRICT REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE.
- FINE GRADING, HEADERS AND IRRIGATION COVERAGE SHALL BE APPROVED BY DISTRICT REPRESENTATIVE PRIOR TO PLANTING OPERATIONS.
- CONTRACTOR SHALL LAY OUT PLANT MATERIAL PER PLAN AND FACE TO GIVE BEST APPEARANCE OR RELATION TO ADJACENT PLANTS, STRUCTURES OR VIEWS. CONTRACTOR TO OBTAIN APPROVAL FROM DISTRICT REPRESENTATIVE PRIOR TO INSTALLATION.
- PLANT MATERIAL SHALL NOT BE INSTALLED IN AN AREA WHICH WILL CAUSE HARM TO ADJACENT STRUCTURES OR OBSTRUCT IRRIGATION SPRAY PATTERN. NOTIFY THE DISTRICT REPRESENTATIVE SHOULD CONFLICTS ARISE.
- PRIOR TO PLANTING INSTALLATION, OBTAIN APPROVAL OF PLANT LAYOUT FROM DISTRICT REPRESENTATIVE. PLANT LOCATIONS ARE DIAGRAMMATIC AND MAY BE ADJUSTED IN THE FIELD AT THE DISTRICT REPRESENTATIVE'S REQUEST.
- AT THE DISTRICT REPRESENTATIVE'S REQUEST, UNLESS OTHERWISE NOTED, FINISH GRADE OF PLANTING AREAS SHALL BE 2" BELOW ADJACENT PAVING. TAPER 3" DEPTH BARK MULCH TOP DRESSING TO 1/2" BELOW ADJACENT PAVING (1-1/2" DEPTH) WITHIN 2' OF PAVING.
- GROUND COVERS SHALL BE PLANTED EVENLY AND CONTINUOUSLY UNDER TREE AND SHRUB MASSES.
- ALL PLANTING AREAS SHALL RECEIVE A 3" MIN. DEPTH BARK MULCH TOP DRESSING.
- ALL NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING.
- ALL (E) TREES, SHRUBS AND GROUND COVERS TO REMAIN SHALL BE PROTECTED. ANY DAMAGE CAUSED BY CONTRACTOR'S WORK OR NEGLIGENCE SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE DISTRICT REPRESENTATIVE.
- CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS NECESSARY (30) THIRTY DAYS AFTER PLANTING.
- ALL NEWLY PLANTED TREES SHALL MAINTAIN VERTICAL DISTANCE 80' AT FINISH ELEVATION ALONG CIRCULATION PATHS. TYP. § 11B-307.4.
- REFER TO PLANTING DETAILS ON SHEET L4.1
- REFER TO SPECIFICATION SECTIONS:
 - 01 55 39 TREE AND PLANT PROTECTION
 - 32 90 00 PLANTING
 - 32 92 00 TURF PLANTING

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PACIFIC GROVE UNIFIED SCHOOL DISTRICT
FOREST GROVE ELEMENTARY SCHOOL SITE IMPROVEMENTS

485 PINE AVE.
PACIFIC GROVE, CA 93950

SHEET TITLE:
PLANTING PLAN

Revision Schedule

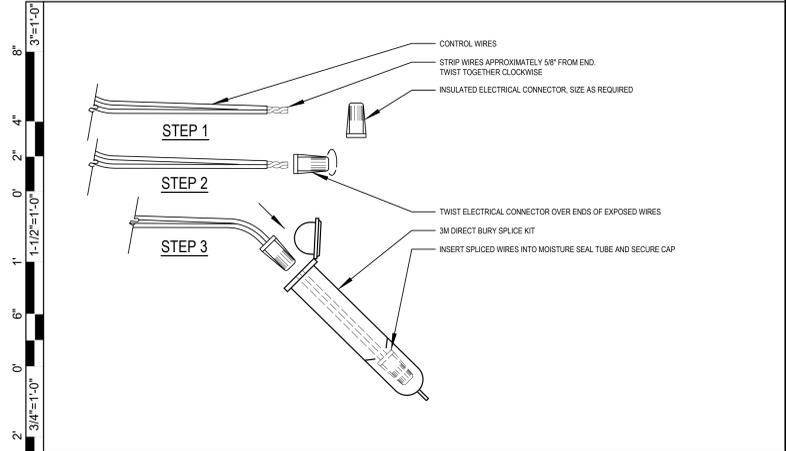
NO.	Description	Date

PROJECT #
DCA 25.051
CEI 3264

SHEET #
L2.1

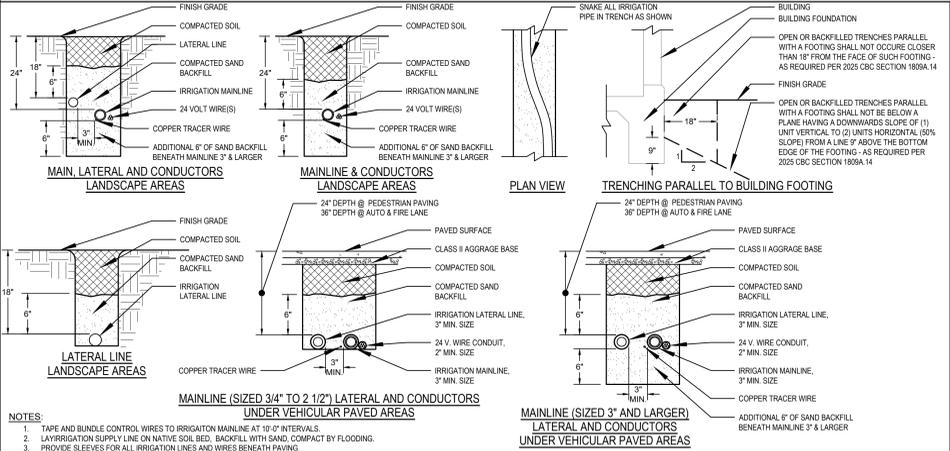
ISSUE DATE:
02/27/2026

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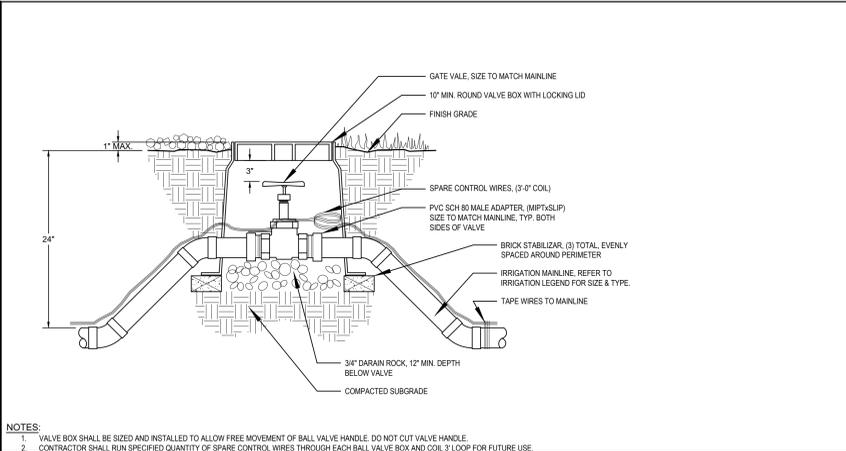
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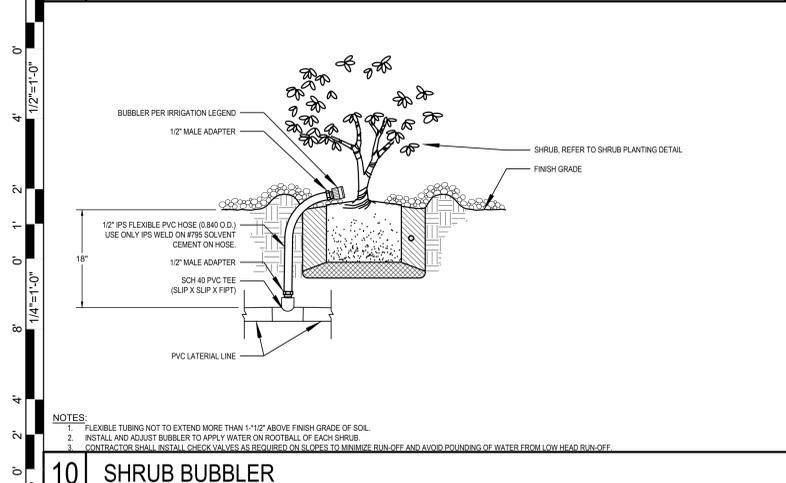
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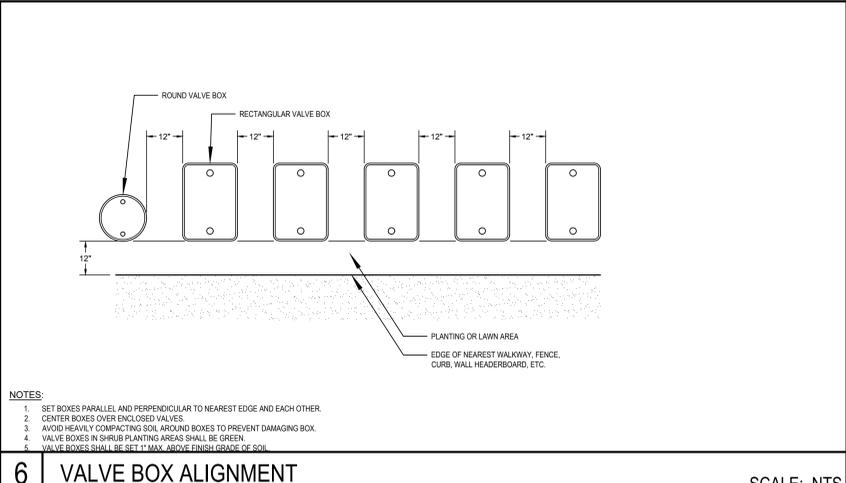


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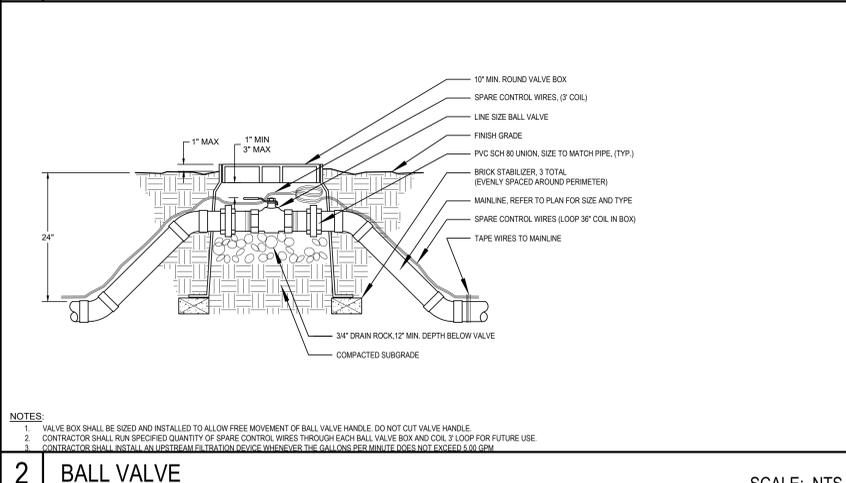


10 SHRUB BUBBLER



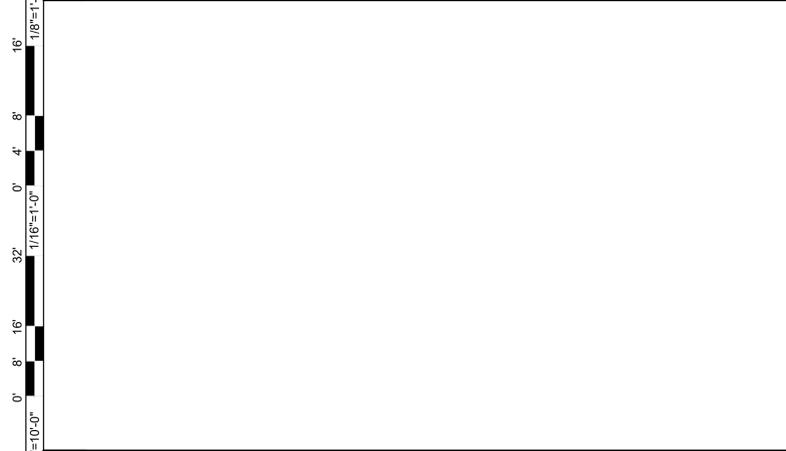
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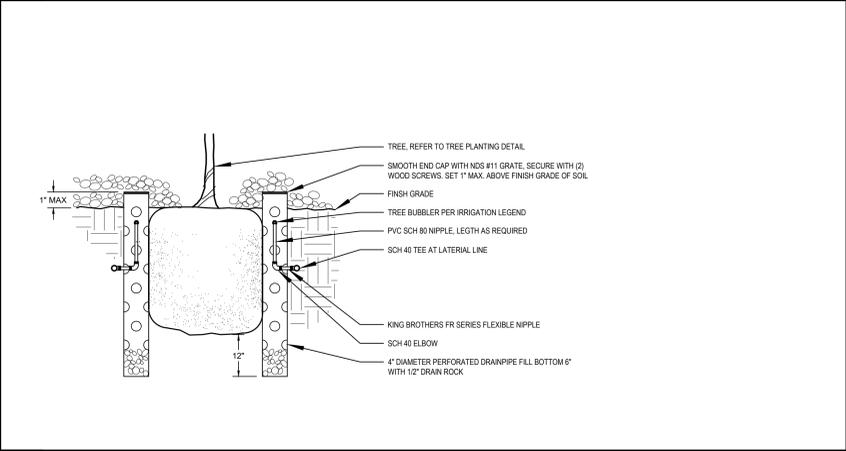


2 BALL VALVE

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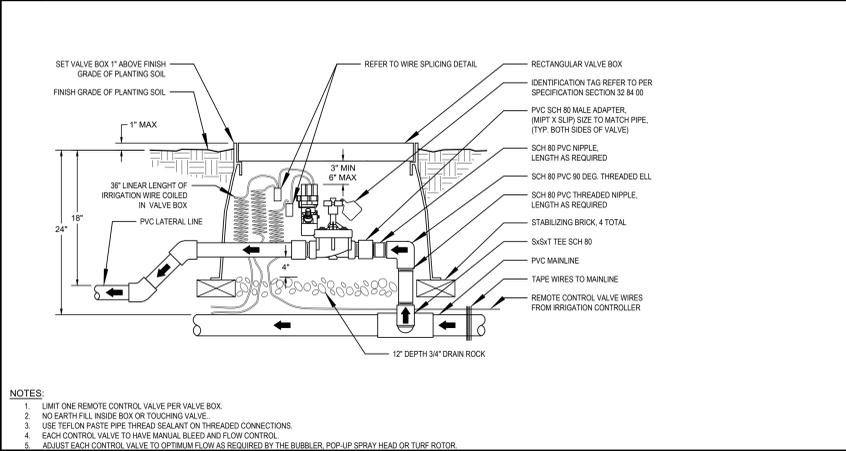


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7 TREE BUBBLER

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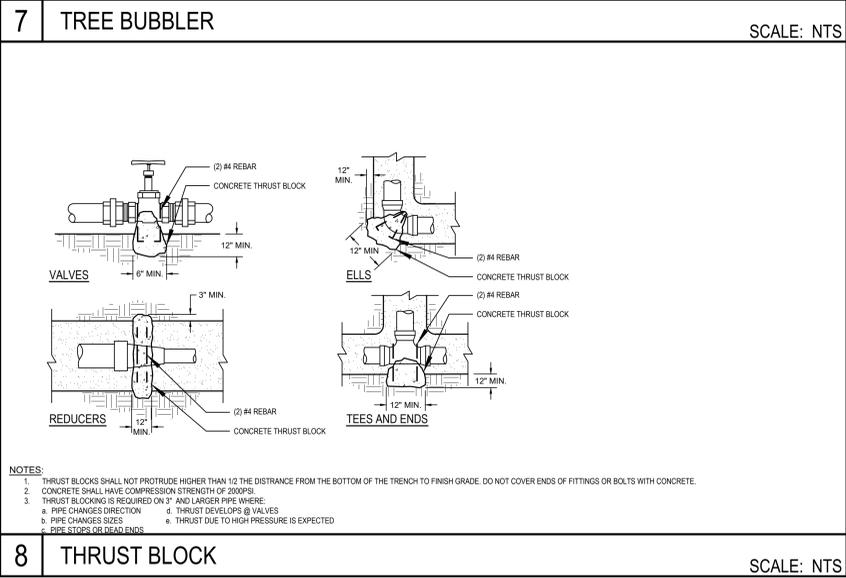


3 REMOTE CONTROL VALVE

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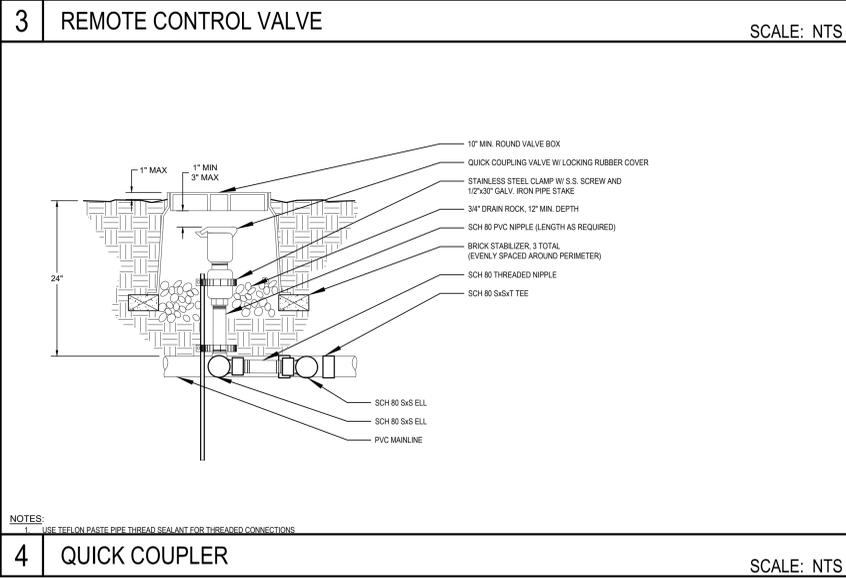


12



8 THRUST BLOCK

SCALE: NTS



4 QUICK COUPLER

SCALE: NTS

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PACIFIC GROVE UNIFIED SCHOOL
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SITE IMPROVEMENTS

485 PINE AVE.
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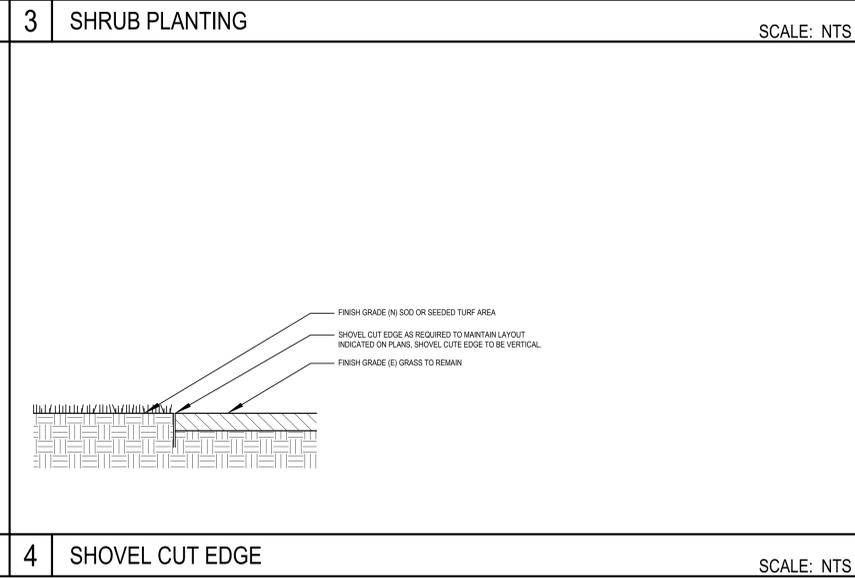
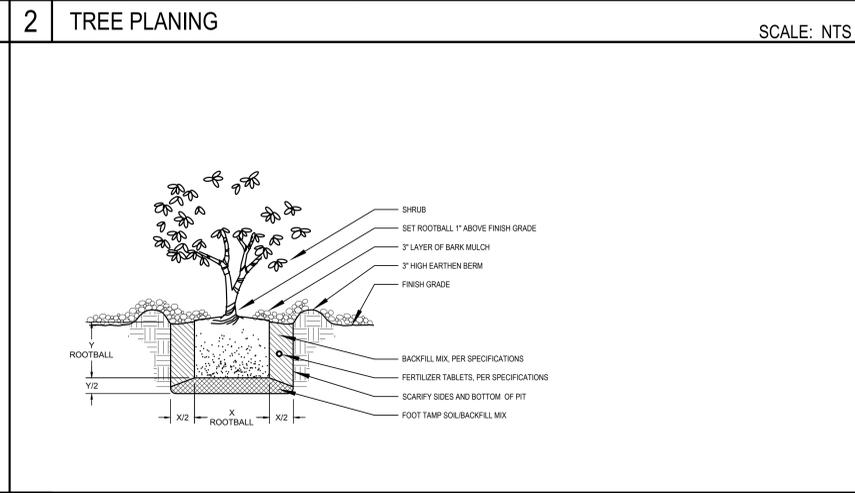
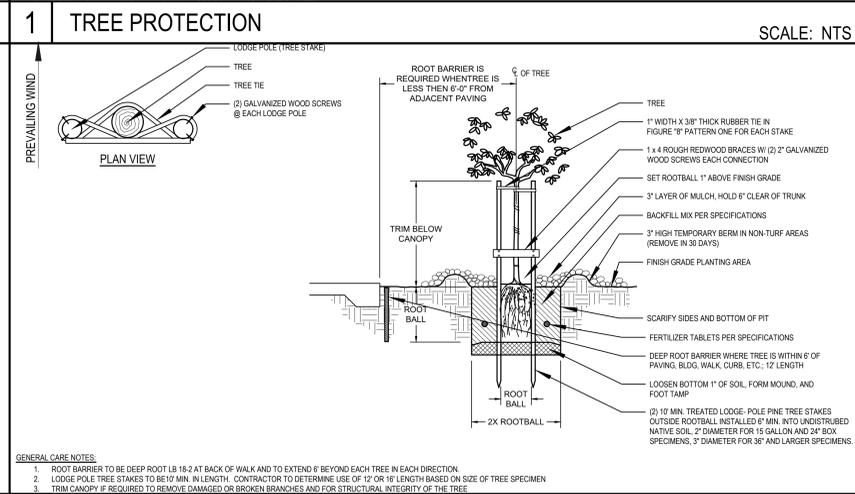
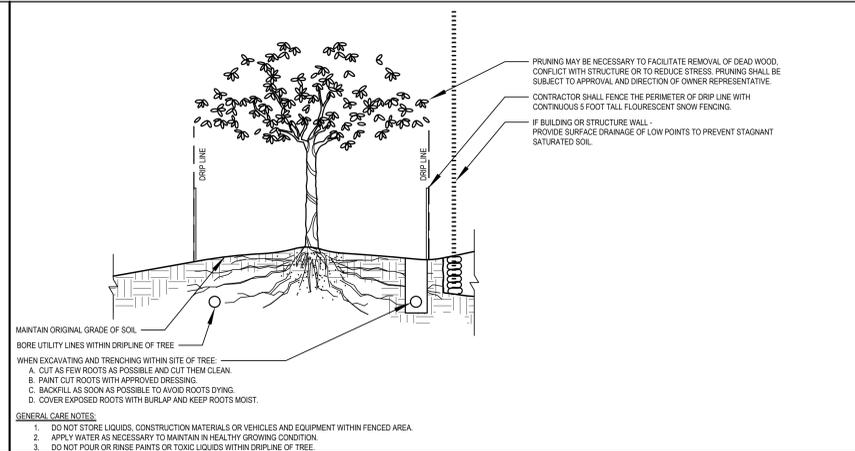
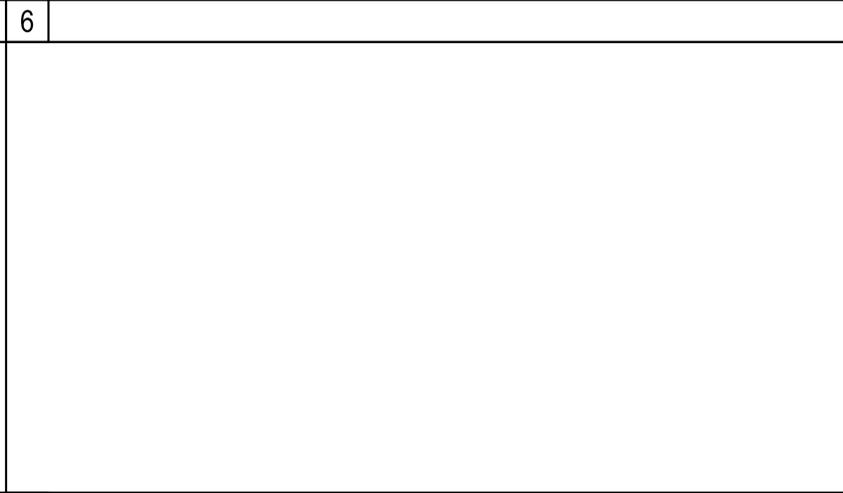
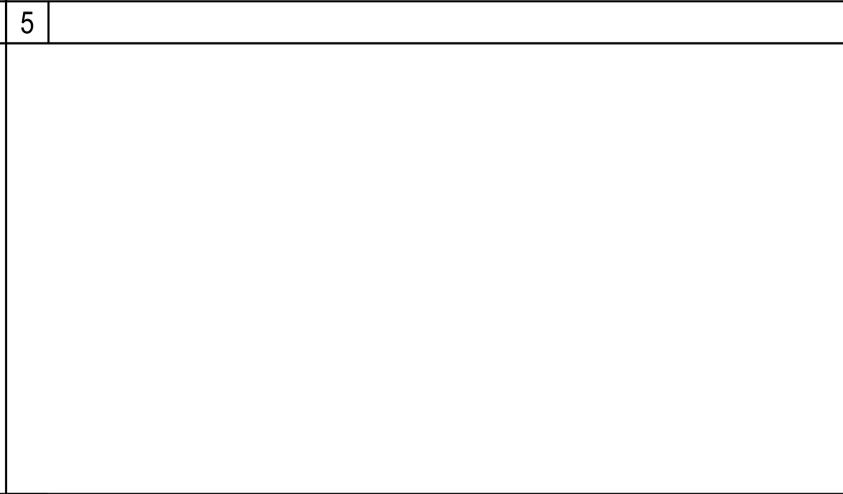
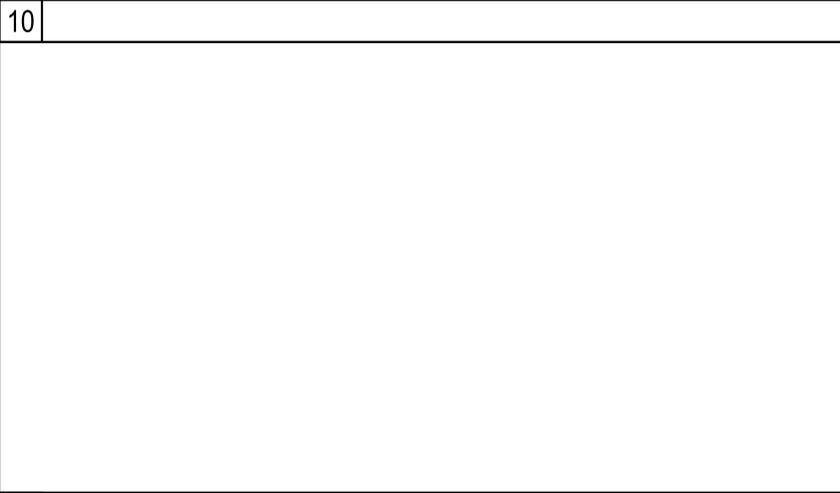
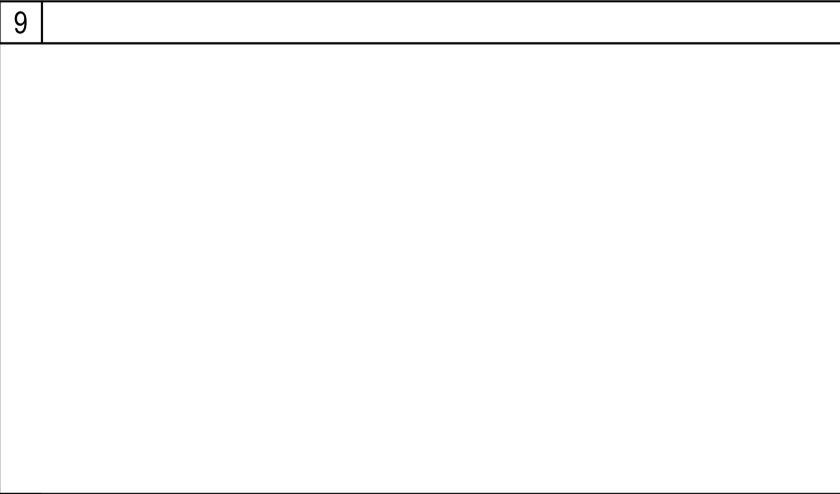
SHEET TITLE:
IRRIGATION DETAILS

Revision Schedule		
NO.	Description	Date

PROJECT #
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CEI 3264

ISSUE DATE:
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SHEET #
L3.1



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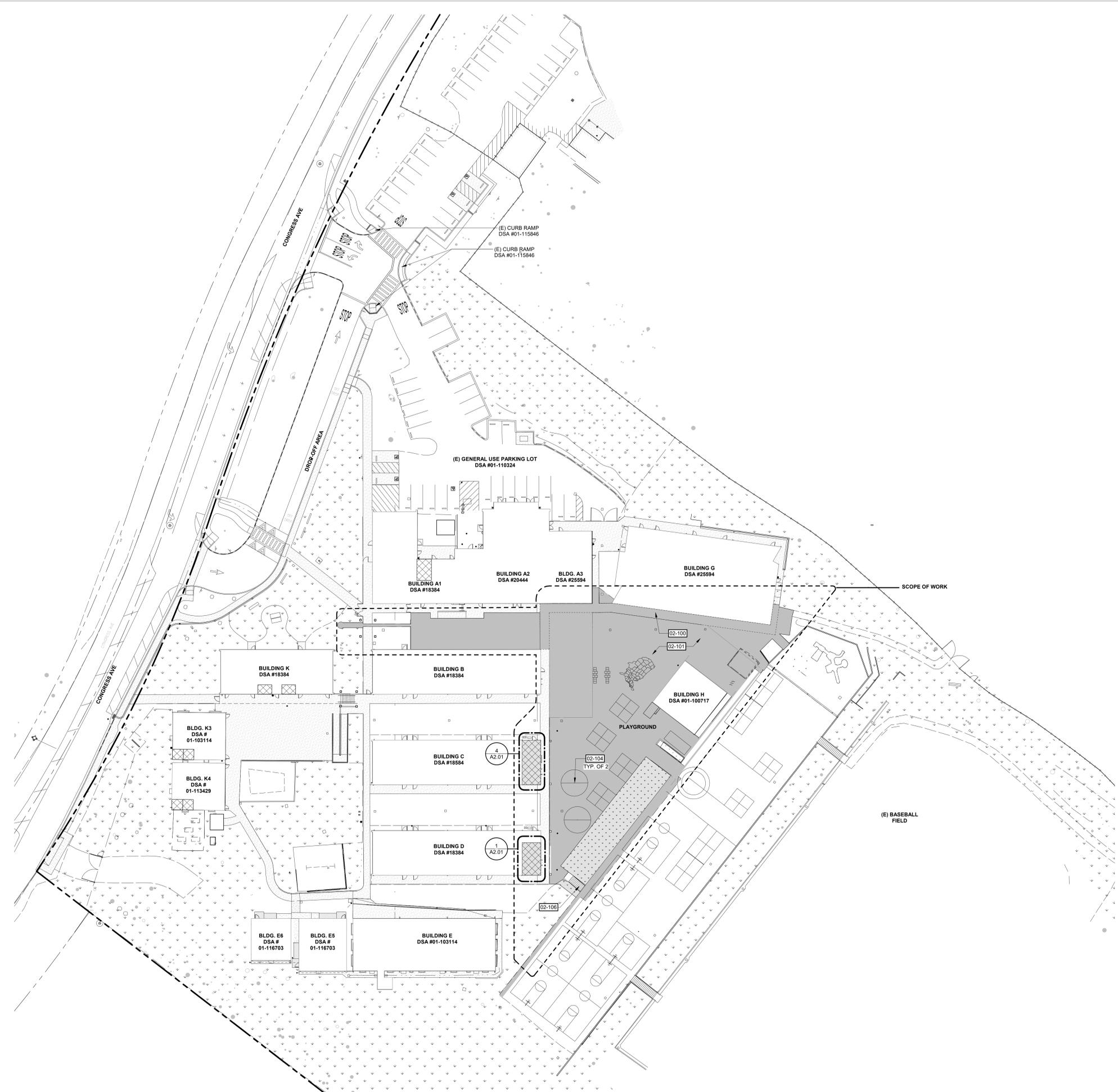
PACIFIC GROVE UNIFIED SCHOOL DISTRICT
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SHEET TITLE:
PLANTING DETAILS

Revision Schedule		
NO.	Description	Date

PROJECT #
 DCA 25.051
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 SHEET #
L4.1
 ISSUE DATE:
 02/27/2026

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1 DEMO CAMPUS SITE PLAN
SCALE: 1" = 30'-0"

SHEET NOTES

A. NO DEMOLITION SHALL BEGIN UNTIL PLANS, INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA. SAFE OFF ALL UTILITIES, AS REQUIRED FOR DEMOLITION AND NEW WORK.

KEYNOTES

02-100 REMOVE (E) CONC. PAVING, AS REQUIRED FOR NEW WORK. PROTECT (E) UTILITIES TO REMAIN.
 02-101 REMOVE (E) AC PAVING, AS REQUIRED FOR NEW WORK. PROTECT (E) UTILITIES TO REMAIN.
 02-104 REMOVE (E) TETHERBALL POLE AND FOOTING, TYP.
 02-106 REMOVE (E) STAIRWAY, FOOTING, HANDRAIL AND GUARDRAILS, TYP.

LEGEND

- REMOVE (E) AC PAVING, (E) CONC. PAVING & AGGREGATE BASE ROCK AS REQUIRED FOR NEW WORK. PROTECT (E) UTILITIES TO REMAIN. COORDINATE WITH CIVIL DRAWINGS
- (E) BLDG (E) BUILDING - NOT IN SCOPE OF WORK
- (E) RESTROOM TO BE MODERNIZED
- (E) RESTROOM
- (E) CONCRETE PAVING
- REMOVE (E) LANDSCAPING - CLEAR & GRUB ALL ROOTS AND VEGETATION. REROUTE & RECONNECT IRRIGATION THAT REMAINS, AS REQUIRED FOR NEW WORK
- (E) LANDSCAPE
- PROPERTY LINE



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oog

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PACIFIC GROVE UNIFIED SCHOOL DISTRICT
FOREST GROVE ELEMENTARY SCHOOL
SITE IMPROVEMENTS

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PACIFIC GROVE, CA 96950

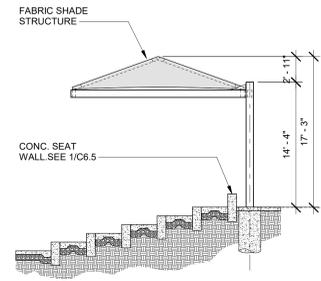
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DEMO SITE PLAN

Revision Schedule		
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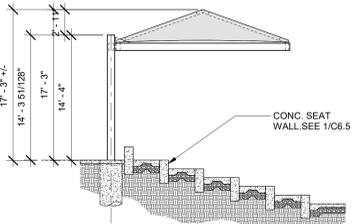
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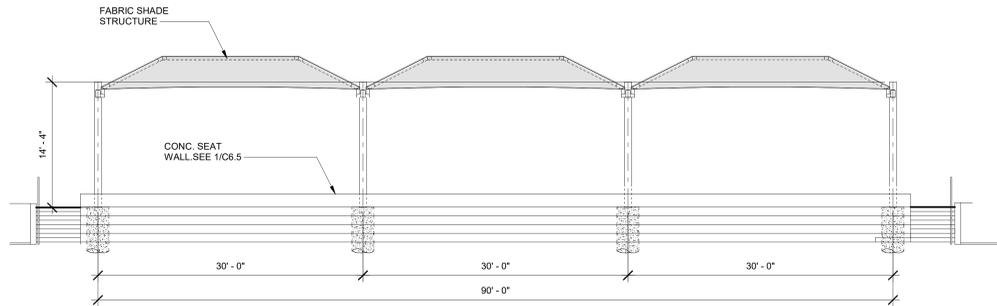


RIGHT ELEVATION

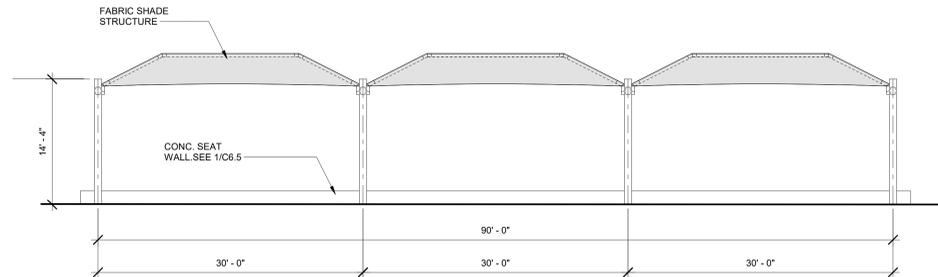


LEFT ELEVATION

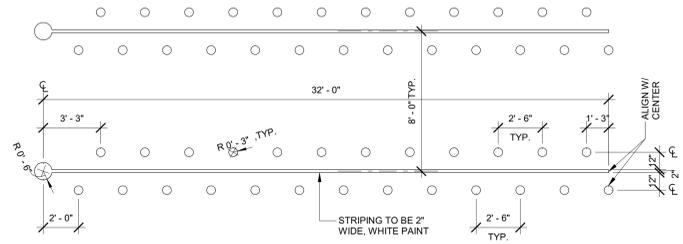
18 SHADE STRUCTURE ELEVATIONS
SCALE: 1/8" = 1'-0"



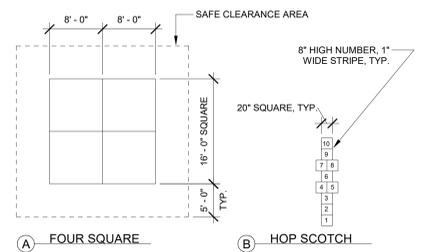
FRONT ELEVATION



REAR ELEVATION



1 STUDENT LINE UP LANE
SCALE: 1/4" = 1'-0"



- NOTES:**
1. REFER TO SPECIFICATION SECTION XYZ FOR GAME LINE PAINT REQUIREMENTS FOR ALL GAME COURT STRIPING.
 2. FONT AT ALL LETTERS AND/OR NUMBERS IS TO BE ARIAL, HEIGHT & COLOR AS SHOWN. EDGES OF ALL LETTERS ARE TO BE CRISP AND WITH NO OVERSPRAY OR OVERPAINTING ON ADJACENT SURFACES. IF A STENCIL IS USED FOR THE LETTERS THEN ALL STENCIL GAPS SHALL BE FILLED IN TO CREATE CONTINUOUS LETTERING WITH NO GAPS.
 3. FOUR SQUARE STRIPING TO BE 2" WIDE, WHITE PAINT.
 4. HOP SCOTCH STRIPING TO BE 2" WIDE, WHITE PAINT.

2 GAME COURT STRIPING
SCALE: 3/32" = 1'-0"

Derivi Castellanos Architects
Central Valley
3031 W March Ln, Ste 334
Stockton, CA 95219
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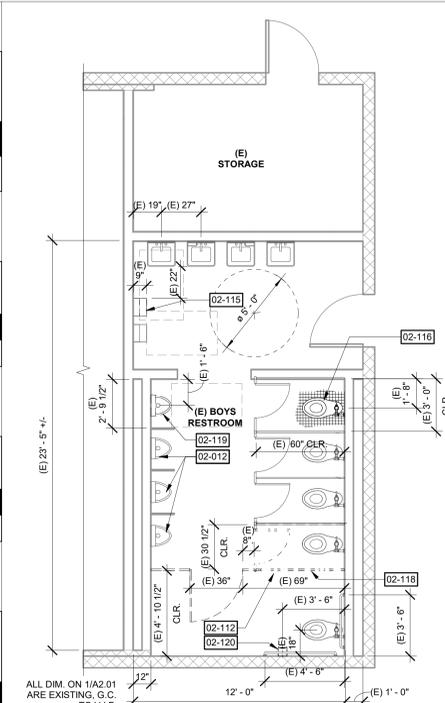
SHEET TITLE:
SITE DETAILS

Revision Schedule		
NO.	Description	Date

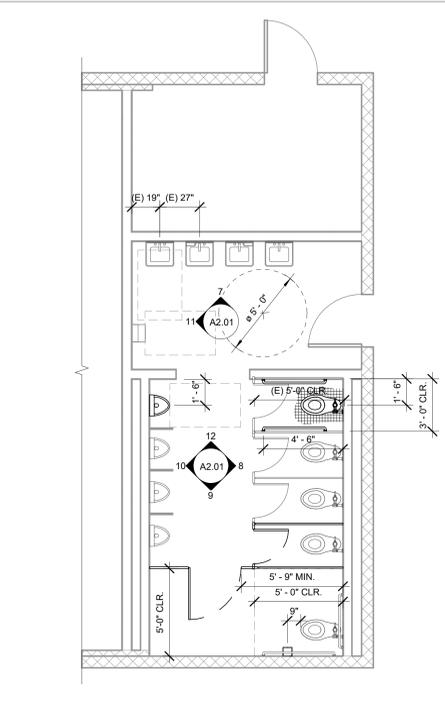
PROJECT # 25.051
ISSUE DATE: 02/27/2026

SHEET #
A1.21

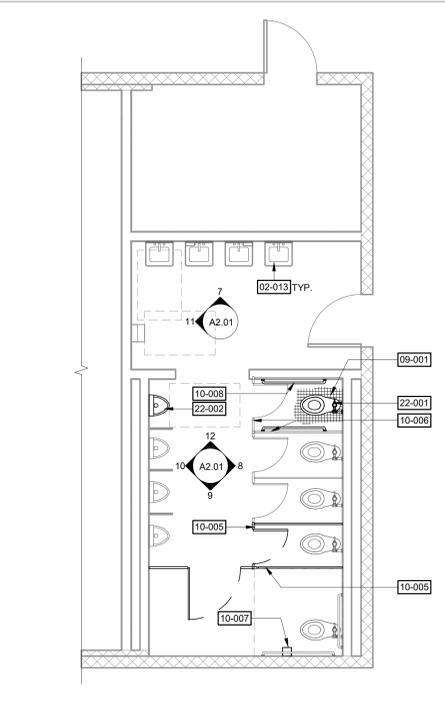
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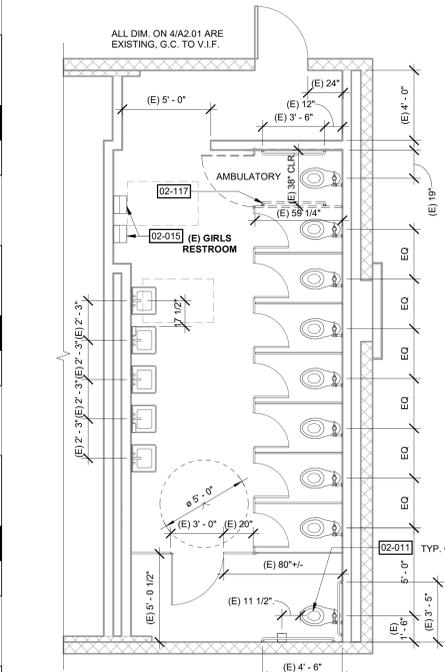
1 (E) BOY RESTROOM DEMO PLAN - BLDG B
SCALE: 1/4" = 1'-0"



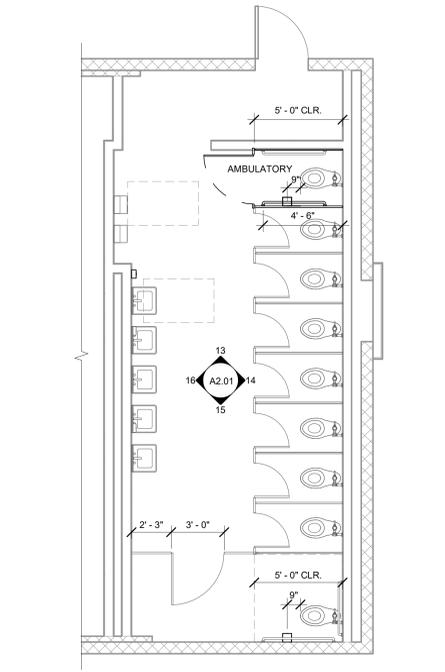
2 BOY RESTROOM DIMENSION PLAN - BLDG B
SCALE: 1/4" = 1'-0"



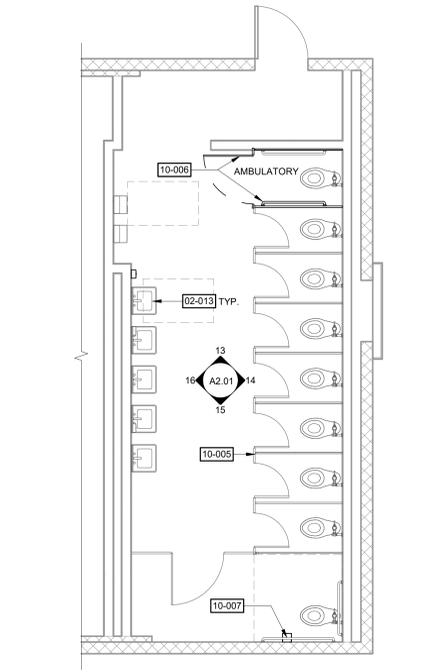
3 BOY RESTROOM ANNOTATED PLAN - BLDG B
SCALE: 1/4" = 1'-0"



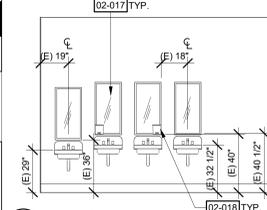
4 (E) GIRL RESTROOM DEMO PLAN - BLDG C
SCALE: 1/4" = 1'-0"



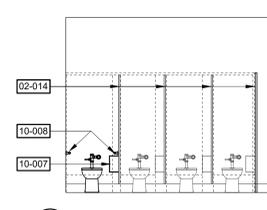
5 GIRL RESTROOM DIMENSION PLAN - BLDG C
SCALE: 1/4" = 1'-0"



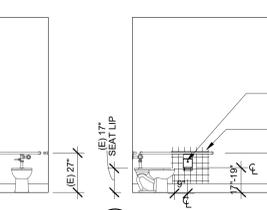
6 GIRL RESTROOM ANNOTATED PLAN - BLDG C
SCALE: 1/4" = 1'-0"



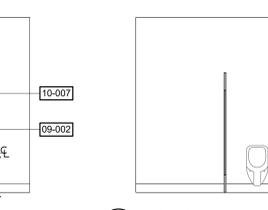
7 BOYS RR - N1
SCALE: 1/4" = 1'-0"



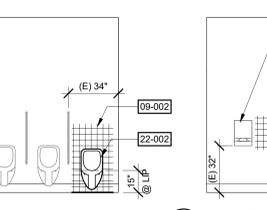
8 BOYS RR - E
SCALE: 1/4" = 1'-0"



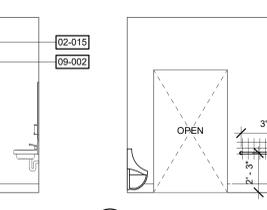
9 BOYS RR - S
SCALE: 1/4" = 1'-0"



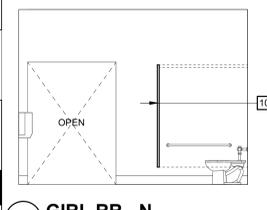
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SCALE: 1/4" = 1'-0"



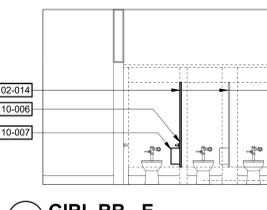
11 BOYS RR - W2
SCALE: 1/4" = 1'-0"



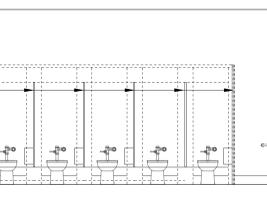
12 BOYS RR - N2
SCALE: 1/4" = 1'-0"



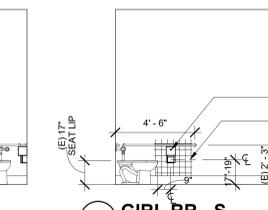
13 GIRL RR - N
SCALE: 1/4" = 1'-0"



14 GIRL RR - E
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15 GIRL RR - S
SCALE: 1/4" = 1'-0"



16 GIRL RR - W
SCALE: 1/4" = 1'-0"



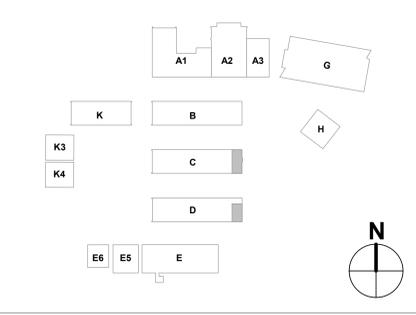
SHEET NOTES

- A. WHERE (E) FINISHES AND SUBSTRATES ARE NOTED AS REMOVED, CONTRACTOR SHALL COORDINATE WITH HAZARDOUS MATERIALS REPORTS AND OR SPECIFICATIONS PREPARED BY OTHERS FOR PROPER HANDLING AND ABATEMENT OF HAZARDOUS MATERIALS
- B. ALL ITEMS SHOWN DASHED SHALL BE REMOVED U.N.O.
- C. COORDINATE THE EXTENT OF DEMOLITION WITH NEW WORK. REMOVE ITEMS NECESSARY TO COMPLETE NEW WORK.
- D. REFER TO STRUCT, MECH, PLUMB, AND ELEC DWGS FOR DEMOLITION SCOPE RELATED TO EACH DISCIPLINE.
- E. WHERE FINISHES ARE INDICATED TO BE REMOVED AND NOT REPLACED, AREAS DISRUPTED BY DEMOLITION SHALL BE RESTORED AND FINISHED TO MATCH (E) ADJACENT SURFACES
- F. WHERE WALL FINISHES ARE INDICATED TO BE REMOVED, REMOVE ALL MISCELLANEOUS TRIM, CASEWORK, EQUIPMENT, CONDUIT, BASES, AND OTHER SURFACE MOUNTED ITEMS WHETHER SHOWN OR NOT. REMOVE AND CAP ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC. TO THEIR SOURCE AS REQUIRED. SEE CONSULTANTS' DRAWINGS FOR ADDITIONAL INFORMATION AND SCOPE OF WORK.
- G. REFER TO RESTROOM FLOOR PLAN DETAILS FOR COMPLETE RESTROOM CONSTRUCTION DOCUMENTATION INFORMATION.

KEYNOTES

- 02-011 EXISTING WATERCLOSET TO REMAIN
- 02-012 EXISTING URINAL TO REMAIN
- 02-013 EXISTING LAVATORY TO REMAIN
- 02-014 EXISTING TOILET PARTITION AND ACCESSORIES TO REMAIN
- 02-015 EXISTING PAPER TOWEL DISPENSER TO REMAIN
- 02-017 EXISTING MIRROR TO REMAIN
- 02-018 EXISTING SOAP DISPENSER TO REMAIN
- 02-112 REMOVE (E) TOILET PARTITION AND INSTALL NEW STALL PER 11B-604.8.2. SEE DETAIL 18A8.21
- 02-115 REMOVE (E) PAPER TOWEL DISPENSER. PATCH AND REPLACE (E) WALL TILES TO MATCH (E) ADJACENT
- 02-116 REMOVE (E) WATER CLOSET AND FLOOR TILE, AS REQUIRED FOR NEW WORK. SALVAGE WATER CLOSET FOR REINSTALLATION TO MEET AMBULATORY STALL DIMENSION REQUIREMENTS.
- 02-117 REMOVE (E) TOILET PARTITIONS, PARTITION DOOR AND HARDWARE, AS REQUIRED TO MEET AMBULATORY STALL DIMENSION REQUIREMENTS
- 02-118 REMOVE (E) TOILET PARTITIONS, PARTITION DOOR AND HARDWARE, AS REQUIRED TO MEET ACCESSIBLE STALL DIMENSION REQUIREMENTS
- 02-119 REMOVE (E) URINAL AND CARRIER AND SALVAGE FOR REINSTALLATION. REMOVE ADJACENT WALL TILES, AS REQUIRED FOR NEW WORK
- 02-120 REMOVE (E) TOILET PAPER DISPENSER AND ADJACENT WALL TILE, AS REQUIRED FOR NEW WORK
- 09-001 PATCH SLAB AND FLOOR TILES AT NEW WORK AREA. MATCH TILES TO MATCH ADJACENT EXISTING
- 09-002 PATCH WALL AND WALL TILES TO MATCH (E) ADJACENT
- 10-005 FLOOR MOUNTED TOILET PARTITION. REF. DETAIL 18A8.21
- 10-006 FLOOR MOUNTED TOILET PARTITION, PARTITION DOOR AND GRAB BAR. REF. DETAIL 18A8.21
- 10-007 TOILET PAPER DISPENSER
- 10-008 42" SS GRAB BAR
- 22-001 REINSTALL (E) FLOOR MOUNTED WATERCLOSET
- 22-002 REINSTALL (E) URINAL AND (E) CARRIER

KEY PLAN



Derivi
Castellanos
Architects
 Central Valley
 3031 W March Ln, Ste 334
 Stockton, CA 95219
 (209) 462-2873

 Silicon Valley
 95 S Market St, Ste 480
 San Jose, CA 95113
 (408) 320-4871
 www.dcaiaa.com

Professional Seals

BID SET

3/2/26

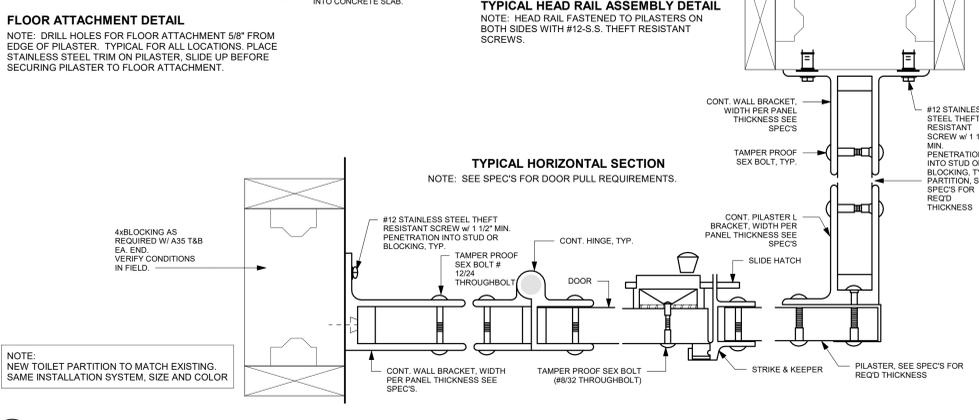
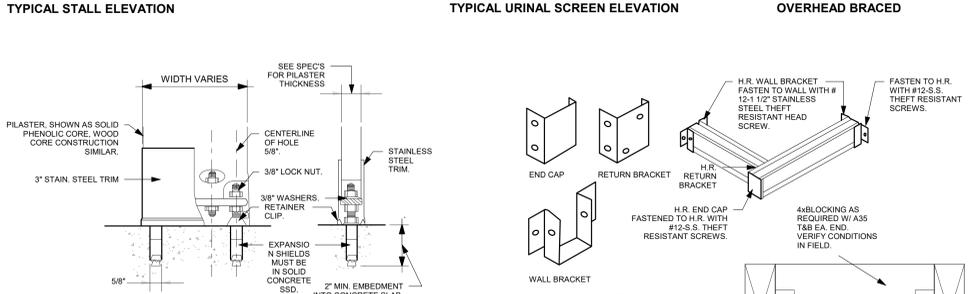
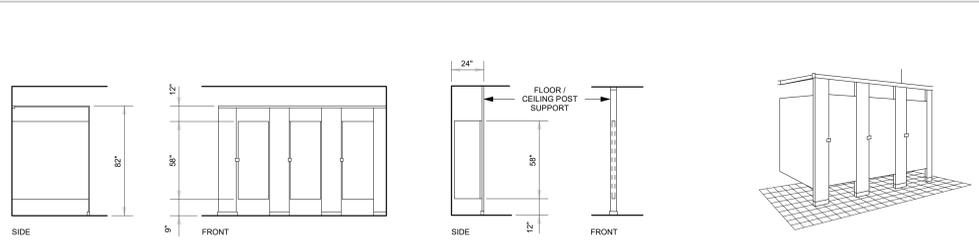
PACIFIC GROVE UNIFIED SCHOOL DISTRICT
 FOREST GROVE ELEMENTARY SCHOOL
 SITE IMPROVEMENTS
 1065 CONGRESS AVE
 PACIFIC GROVE, CA 93950

SHEET TITLE:
ENLARGED RESTROOM PLANS

Revision Schedule		
NO.	Description	Date

PROJECT # 25.051
ISSUE DATE: 02/27/2026
SHEET # **A2.01**

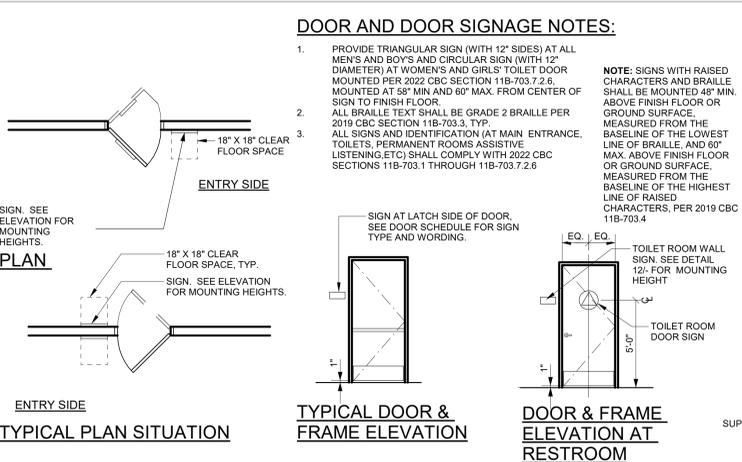
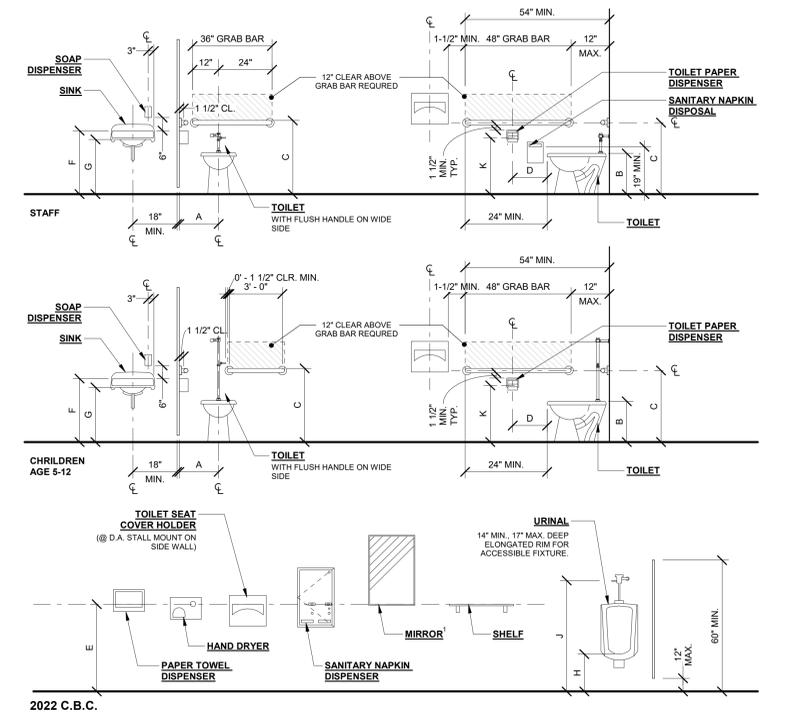
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2/27/2026 3:18:37 PM



18 TYP. TOILET PARTITION DETAILS
SCALE: NOT TO SCALE

MOUNTING HEIGHTS and DEPTHS			
DIM	DESCRIPTION	STAFF 7 WOMEN MEN/UNSEX (INCHES)	STUDENT AGE 5-8 BOYS/GIRLS (INCHES)
A	TOILET CENTERING FROM WALL DEPTH	17-18	12-15
B	TOILET SEAT HEIGHT	17-19	12-15
C	GRAB BAR HEIGHT	33-36	20-25
D	TOILET PAPER IN FRONT OF TOILET DEPTH	7-9	7-9
E	SAN. NAPKIN DISPOSAL IN FRONT OF TOILET DEPTH	12 MAX.	N/A
F	DISPENSER OR MIRROR HEIGHT	40 MAX.	32 MAX.
G	LAVATORY/SINK TOP HEIGHT	34 MAX.	28 MAX.
H	LAVATORY/SINK KNEE CLEARANCE HEIGHT	27 MIN.	24 MIN.
I	URINAL LIP HEIGHT	17 MAX.	13 MAX.
J	URINAL FLUSH HANDLE HEIGHT	44 MAX.	32 MAX.
K	DRINKING FOUNTAIN BUBBLER HEIGHT	38 MAX.	38 MAX.
L	DRINKING FOUNTAIN KNEE CLEARANCE HEIGHT	27 MIN.	NOTE 6
M	TOILET PAPER DISPENSER HEIGHT	19 MIN.	14-17

- NOTES:
- FOR MIRRORS NOT MOUNTED AT A LAVATORY, AT LEAST ONE MIRROR IS TO BE MOUNTED @ 35" MAX., PER C.B.C. 11B-603.3
 - STAFF DIMENSIONS ARE FOR THOSE AGED 12 AND OVER.
 - 35" MAX. WHEN NOT OVER LAVATORY OR COUNTER.
 - NOT USED
 - RESTROOMS DESIGNED AS MENS/WOMENS ARE TO MEET REQUIREMENTS FOR ADULTS.
 - PER 11B-602.2.2 PARALLEL APPROACH REQ. PERMITTED IN LIEU OF KNEE SPACE CLEARANCE FOR CHILDREN'S USE WHERE SPOULT IS 30" AFF AND 3 1/2" MAX FROM FRONT EDGE OF DRINKING FOUNTAINS. EXCEPTION FOR CHILDREN'S USE
 - BUBBLER AT STANDING HEIGHT D.F. TO BE +38" +43" AFF.
 - 9" STANDARD TOE CLEARANCE, 12" STANDARD FOR STUDENT USE UP TO 12 YEARS OLD



9 ACCESSIBLE SIGNAGE PLACEMENT
SCALE: 1/4" = 1'-0"

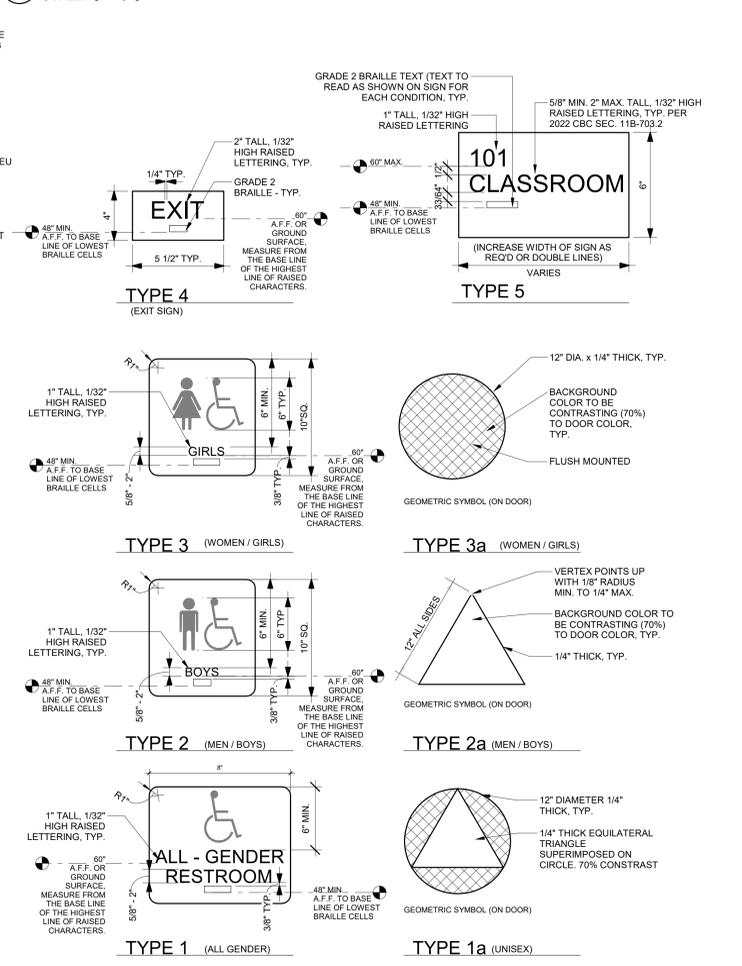
TABLE 11B-703.3.1 BRAILLE DIMENSIONS

MEASUREMENT RANGE	MINIMUM IN INCHES	MAXIMUM IN INCHES
Dot base diameter	0.059 (1.5 mm)	0.063 (1.6 mm)
Distance between two dots in the same cell*	0.100 (2.5 mm)	
Distance between corresponding dots in adjacent cell*	0.300 (7.6 mm)	
Dot height	0.025 (0.6 mm)	0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below*	0.395 (10 mm)	0.100 (10.2 mm)

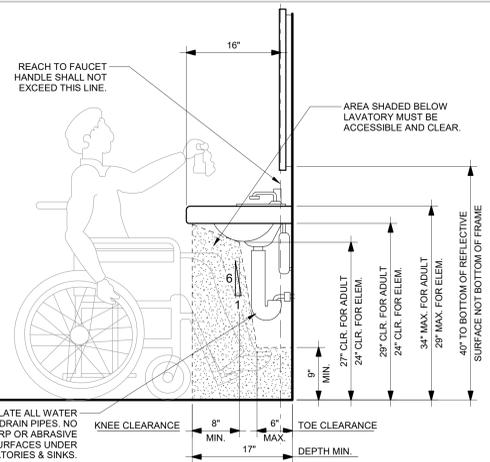
FIGURE 11B-703.3.1 BRAILLE MEASUREMENT

distance between corresponding dots in adjacent cells
 distance between dots in same cell
 single braille cell
 blank cell space between words
 raised dots
 based diameter
 no raised dot

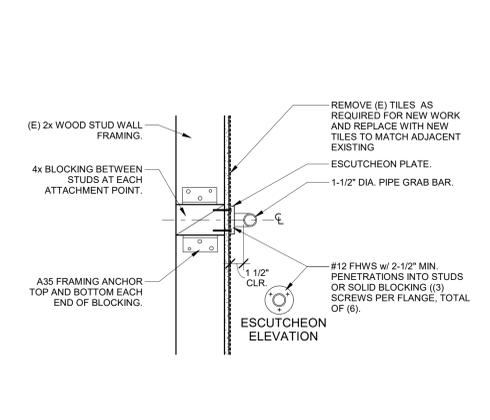
10 BRAILLE DIMENSIONS
SCALE: 3" = 1'-0"



12 TYPICAL SIGNAGE
SCALE: 3" = 1'-0"



1 RESTROOM KNEE CLEARANCE AT LAVATORY
SCALE: NOT TO SCALE



2 GRAB BAR DETAIL
SCALE: 1 1/2" = 1'-0"

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3/2/26

PACIFIC GROVE UNIFIED SCHOOL DISTRICT
FOREST GROVE ELEMENTARY SCHOOL
SITE IMPROVEMENTS

1065 CONGRESS AVE
 PACIFIC GROVE, CA 93950

SHEET TITLE:
INTERIOR DETAILS

Revision Schedule		
NO.	Description	Date

PROJECT # 25.051
 SHEET # **A8.21**
 ISSUE DATE: 02/27/2026



FABRIC SHADE STRUCTURE

DSA P.C. 04-123501

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN

CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

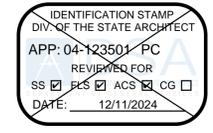
CUSTOMER:
Pacific Grove U.S.D.

PROJECT NAME:
Forest Grove E.S.

LOCATION:
1065 Congress Ave.
Pacific Grove, CA 93950

MODEL NUMBER:

✓	SHEET NO.	SHEET DESCRIPTION	UNIT STRUCTURE TYPE	MAX. UNIT SIZE	UNIT MODEL NUMBER
✗	T-1.0 (J)	TITLE SHEET			
✗	T-2.0 (J)	UNIT SELECTION			
✗	T-3.0 (J)	T&I FORMS			
	1.1-1000	PRODUCT INFORMATION	HIP	20' x 30' x 15'	DSA4012030-22
	1.2-2000	REACTIONS	HIP	20' x 30' x 15'	DSA4012030-22
	2.1-1000	PRODUCT INFORMATION	HIP	30' x 30' x 15'	DSA4013030-22
	2.2-2000	REACTIONS	HIP	30' x 30' x 15'	DSA4013030-22
	3.1-1000	PRODUCT INFORMATION	HIP	30' x 40' x 15'	DSA4013040-22
	3.2-2000	REACTIONS	HIP	30' x 40' x 15'	DSA4013040-22
	4.1-1000	PRODUCT INFORMATION	HIP	40' x 40' x 15'	DSA4014040-22
	4.2-2000	REACTIONS	HIP	40' x 40' x 15'	DSA4014040-22
	5.1-1000	PRODUCT INFORMATION	HIP	20' x 30' x 12'	DSA401203012-22
	5.2-2000	REACTIONS	HIP	20' x 30' x 12'	DSA401203012-22
	6.1-1000	PRODUCT INFORMATION	HIP	30' x 30' x 12'	DSA401303012-22
	6.2-2000	REACTIONS	HIP	30' x 30' x 12'	DSA401303012-22
	7.1-1000	PRODUCT INFORMATION	HIP	30' x 40' x 12'	DSA401304012-22
	7.2-2000	REACTIONS	HIP	30' x 40' x 12'	DSA401304012-22
	8.1-1000	PRODUCT INFORMATION	HIP (20 psf SNOW LOAD)	20' x 30' x 15'	DSA401S2030-22
	8.2-2000	REACTIONS	HIP (20 psf SNOW LOAD)	20' x 30' x 15'	DSA401S2030-22
	9.1-1000	PRODUCT INFORMATION	JOINED HIPS	VARIES	DSA401J-22
	9.2-1001	DETAILS	JOINED HIPS	VARIES	DSA401J-22
	9.3-2000	REACTIONS	JOINED HIPS	VARIES	DSA401J-22
	10.1-1000	PRODUCT INFORMATION	QUAD JOINED HIPS	VARIES	DSA401Q-22
	10.2-1001	DETAILS	QUAD JOINED HIPS	VARIES	DSA401Q-22
	10.3-2000	REACTIONS	QUAD JOINED HIPS	VARIES	DSA401Q-22
	11.1-1000	PRODUCT INFORMATION	FULL CANTILEVER HIP SINGLE	20' x 30' x 15'	DSA2022030-22
	11.2-2000	REACTIONS	FULL CANTILEVER HIP SINGLE	20' x 30' x 15'	DSA2022030-22
✗	12.1-1000 (J)	PRODUCT INFORMATION	FULL CANTILEVER HIP JOINED	20' x 200' x 15'	DSA3022060-22
✗	12.2-2000 (J)	REACTIONS	FULL CANTILEVER HIP JOINED	20' x 200' x 15'	DSA3022060-22
	13.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID	14' x 14' x 12'	DSA1031414-22
	13.2-2000	REACTIONS	SINGLE POST PYRAMID	14' x 14' x 12'	DSA1031414-22
	14.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID	20' x 20' x 12'	DSA1032020-22
	14.2-2000	REACTIONS	SINGLE POST PYRAMID	20' x 20' x 12'	DSA1032020-22
	15.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID CANTILEVER	14' x 14' x 12'	DSA1241414-22
	15.2-2000	REACTIONS	SINGLE POST PYRAMID CANTILEVER	14' x 14' x 12'	DSA1241414-22
	16.1-1000	PRODUCT INFORMATION	SINGLE POST PYRAMID CANTILEVER	20' x 20' x 12'	DSA1242020-22
	16.2-2000	REACTIONS	SINGLE POST PYRAMID CANTILEVER	20' x 20' x 12'	DSA1242020-22
	17.1-1000	PRODUCT INFORMATION	MARINER PEAK	30' x 30' x 15'	DSA4073030-22
	17.2-2000	REACTIONS	MARINER PEAK	30' x 30' x 15'	DSA4073030-22
	18.1-1000	PRODUCT INFORMATION	MARINER PEAK	30' x 40' x 18'	DSA4073040-22
	18.2-2000	REACTIONS	MARINER PEAK	30' x 40' x 18'	DSA4073040-22
	19.1-1000	PRODUCT INFORMATION	MARINER PEAK JOINED	30' x 133' x 15'	DSA407J3060-22
	19.2-2000	REACTIONS	MARINER PEAK JOINED	30' x 133' x 15'	DSA407J3060-22
	20.1-1000	PRODUCT INFORMATION	MARINER PEAK QUAD	60' x 60' x 15'	DSA407Q6060-22
	20.2-2000	REACTIONS	MARINER PEAK QUAD	60' x 60' x 15'	DSA407Q6060-22
	21.1-1000	PRODUCT INFORMATION	TRI TRUSS HIP SINGLE WIDE	20' x 30' x 15'	DSA2062030-22
	21.2-2000	REACTIONS	TRI TRUSS HIP SINGLE WIDE	20' x 30' x 15'	DSA2062030-22
	22.1-1000	PRODUCT INFORMATION	TRI TRUSS HIP JOINED	20' x 200' x 15'	DSA3052060-22
	22.2-2000	REACTIONS	TRI TRUSS HIP JOINED	20' x 200' x 15'	DSA3052060-22
	23.1-1000	PRODUCT INFORMATION	TENSION SAILS THREE POINT	30' x 133' x 15'	DSA30730-22
	23.2-2000	REACTIONS	TENSION SAILS THREE POINT	30' x 133' x 15'	DSA30730-22
	24.1-1000	PRODUCT INFORMATION	TENSIONS SAILS FOUR POINT	20' x 200' x 15'	DSA4182020-22
	24.2-2000	REACTIONS	TENSIONS SAILS FOUR POINT	20' x 200' x 15'	DSA4182020-22
	25.1-1000	PRODUCT INFORMATION	TENSIONS SAILS FOUR POINT	30' x 133' x 15'	DSA4183030-22
	25.2-2000	REACTIONS	TENSIONS SAILS FOUR POINT	30' x 133' x 15'	DSA4183030-22
	26.1-1000	PRODUCT INFORMATION	TRIANGLE	25' x 25' x 15'	DSA30125-22
	26.2-2000	REACTIONS	TRIANGLE	25' x 25' x 15'	DSA30125-22
	27.1-1000	PRODUCT INFORMATION	TRIANGLE	40' x 40' x 15'	DSA30140-22
	27.2-2000	REACTIONS	TRIANGLE	40' x 40' x 15'	DSA30140-22
	28.1-1000	PRODUCT INFORMATION	HEXAGON	Ø40' X 15'	DSA60340-22
	28.2-2000	REACTIONS	HEXAGON	Ø40' X 15'	DSA60340-22
	29.1-1000	PRODUCT INFORMATION	HEXAGON	Ø60' X 15'	DSA60360-22
	29.2-2000	REACTIONS	HEXAGON	Ø60' X 15'	DSA60360-22



GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE 2022 EDITION OF THE TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- ALL WORK SHALL BE IN COMPLIANCE WITH CFC CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.
- SEE INDIVIDUAL STRUCTURAL DRAWINGS FOR SPECIFIC DESIGN NOTES AND LOADING.
- PRIOR TO SUBMITTAL ARCHITECT OF RECORD SHALL IDENTIFY PC MODEL(S) SELECTED BY END USER ON SHEETS T-1.0 AND T-2.0 BY CHECKING THE APPROPRIATE BOX ASSOCIATED WITH SELECTED PC MODEL(S), EXCLUDE SHEETS FOR MODELS NOT SELECTED.

PLANS FOR SPECIFIC APPLICATION SHALL INCLUDE THE FOLLOWING:

- COMPLETE SCOPE OF WORK INCLUDING THE SHADE STRUCTURE MODEL NUMBER, P.C. NUMBER, AND SPECIFIC SIZE OF THE SHADE STRUCTURE(S).
- PROVIDE A CODE ANALYSIS, INCLUDING ACTUAL SHADE STRUCTURE AREA (SQ. FT.), OCCUPANCY TYPE (A-3), AND TYPE OF CONSTRUCTIONS (V-B), INDICATE OCCUPANT LOAD FACTOR (2022 CBC, SECTION 1004).
- ACTUAL DIMENSIONS OF SHADE STRUCTURES.
- DIMENSIONS FROM ADJACENT STRUCTURES AND PROXIMITY OF ASSUMED OR ACTUAL PROPERTY LINES.
- INDICATE LOCATIONS OF FIRE EXTINGUISHERS WITHIN 75 FEET.
- SHOW LOCATION OF AUDIBLE FIRE ALARM.
- ALL SADDLES, CLAMPS AND FITTINGS SHALL CONFORM TO THE GUIDELINES AS SPECIFIED IN APPENDICES "A, B, & C", RESPECTIVELY, IN ASCE/SEI 19-16, "STRUCTURAL APPLICATIONS OF STEEL CABLES FOR BUILDINGS."
- ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS LOCATED IN A MAPPED GEOLOGIC HAZARD ZONE, GEOHAZARD REPORTS REQUIREMENTS SHALL COMPLY WITH DSA IR A-4.
- ARCHITECTS OF RECORD TO DETERMINE IF SPECIFIC SITE IS LOCATED IN A MAPPED FIRE HAZARD SEVERITY ZONE OR WILDLAND INTERFACE AREA.

FOR SNOW LOAD MODELS ONLY:

- INDICATE DIMENSIONS FROM THE ROOF TO THE HIGHER STRUCTURE OR TERRAIN FEATURE. MINIMUM DIMENSION OF 20'-0" FOR SNOW LOAD MODEL (ASCE 7-16).
- ACTUAL SITE ELEVATION (FEET) TO DETERMINE IF THE SITE OCCURS AT OR BELOW THE UPPER ELEVATION LIMIT FOR THE GROUND SNOW LOAD SHOWN IN ASCE 7-16.

PLANS FOR SPECIFIC APPLICATION SHALL INCLUDE THE FOLLOWING:

LIST OF APPLICABLE CODES:

- 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
- 2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- 2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
- 2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
- 2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
- 2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
- 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
- 2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 C.C.R.
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 C.C.R.
- 2022 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 C.C.R.
- TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS:

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

APPLICABLE CODES

SITE SPECIFIC PARAMETERS

INSTRUCTIONS: DESIGN PROFESSIONAL SHALL CHECK THE APPROPRIATE SELECTION BOXES BELOW AND ENTER THE DESIGN PARAMETERS APPLICABLE TO THE SPECIFIC PROJECT SITE

SEISMIC:

DESIGN BASED ON SITE CLASS D_{max}
NO GEOTECHNICAL INVESTIGATION REQUIRED
 $S_s = 1.324$ $F_a = 1.2$

DESIGN BASED ON SITE CLASS DETERMINED PER CHAPTER 20 OF ASCE 7-16
GEOTECHNICAL INVESTIGATION PROVIDED
SITE CLASS: C D
 $S_s =$ _____ $F_a =$ _____ PER ASCE 7-16 SUPPL 3, TABLE 11.4-1

DESIGN BASED ON SITE CLASS SPECIFIC GROUND MOTION HAZARD ANALYSIS
PER CHAPTER 21 OF ASCE 7-16
SHORT PERIOD DESIGN SPECTRAL RESPONSE PARAMETER, S_{Dp} , SHALL BE AS SPECIFIED IN GEOTECHNICAL INVESTIGATION
CGS APPROVAL REQUIRED
NOT ELIGIBLE FOR QTC REVIEW
SITE CLASS: C D
 $S_{Dp} = 2/3 F_a S_s = 1.324 \cdot s_{2.0}$
 $C_s = 1.6$ USED IN DESIGN
SEISMIC DESIGN CATEGORY: D E

CODE ANALYSIS

OCCUPANCY GROUP	OCCUPANT LOAD FACTOR	TOTAL OCCUPANT LOAD	SHADE STRUCTURE AREA (SF)

MANUFACTURER:

USA SHADE & FABRIC STRUCTURES
2580 ESTERS BOULEVARD, SUITE 100
DFW AIRPORT, TEXAS 75261
PH. 800-966-5005
W. www.usa-shade.com

ARCHITECT:

HIGGINSON ARCHITECTS, INC.
DAVID HIGGINSON, AIA, PRINCIPAL ARCHITECT
34247 YUCAIPA BOULEVARD, SUITE D
YUCAIPA, CALIFORNIA 92399
PH. 909-499-0058
E. dhigginson@higginsonarchitects.com
W. www.higginsonarchitects.com

STRUCTURAL ENGINEER:

MARK LOWE, S.E.
c/o USA SHADE AND FABRIC STRUCTURE

BID SET 3/2/26
8/19/24

BID SET 3/2/26
8/23/2024

TOTAL SHEET COUNT: 63 SHEETS

STRUCTURE TYPE:

SCALE : VARIES

DRAWING SIZE:
D

PRE-CHECK (PC) DOCUMENT
Code : 2022 CBC
A separate project application for construction is required.

Eng. By :	DWH	8/19/23
Design By :	DWH	8/19/23
Approved By :	DWH	8/19/23

DRAWING DESCRIPTION:

DWG. TITLE SHEET

SHEET T-1.0

REV.

	STRUCTURE MODEL: DSA30125-22 MAX. SIZE: 25' x 25' x 15' MAX. AREA: 271 SQ. FT. MAX. OCCUPANCY: 16 PERSONS	SEE SHEET 26.1-1000
	STRUCTURE MODEL: DSA2062030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS	SEE SHEET 21.1-1000
	STRUCTURE MODEL: DSA4073030-22 MAX. SIZE: 30' x 30' x 15' MAX. AREA: 290 SQ. FT. MAX. OCCUPANCY: 60 PERSONS	SEE SHEET 17.1-1000
	STRUCTURE MODEL: DSA2022030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS	SEE SHEET 11.1-1000

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

TRIANGLE TRI-TRUSS HIP SINGLE WIDE MARINER PEAK FULL CANTILEVER HIP SINGLE

	STRUCTURE MODEL: DSA60340-22 MAX. SIZE: 640' x 15' MAX. AREA: 1,040 SQ. FT. MAX. OCCUPANCY: 69 PERSONS	SEE SHEET 28.1-1000
	STRUCTURE MODEL: DSA3052060-22 MAX. SIZE: 20' x 200' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS	SEE SHEET 22.1-1000
	STRUCTURE MODEL: DSA4073060-22 MAX. SIZE: 30' x 150' x 15' MAX. AREA: 3,900 SQ. FT. MAX. OCCUPANCY: 266 PERSONS	SEE SHEET 19.1-1000
	STRUCTURE MODEL: DSA4022060-22 MAX. SIZE: 20' x 200' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS	SEE SHEET 12.1-1000

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

HEXAGON TRI-TRUSS HIP JOINED MARINER PEAK JOINED FULL CANTILEVER HIP JOINED

	STRUCTURE MODEL: DSA30730-22 MAX. SIZE: 30' x 133' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 266 PERSONS	SEE SHEET 23.1-1000
	STRUCTURE MODEL: DSA40706060-22 MAX. SIZE: 60' x 60' x 15' MAX. AREA: 3,600 SQ. FT. MAX. OCCUPANCY: 240 PERSONS	SEE SHEET 20.1-1000
	STRUCTURE MODEL: DSA1031414-22 MAX. SIZE: 14' x 14' x 12' MAX. AREA: 196 SQ. FT. MAX. OCCUPANCY: 13 PERSONS	SEE SHEET 13.1-1000
	STRUCTURE MODEL: DSA1032020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS	SEE SHEET 14.1-1000

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

NOT USED TENSIONS SAILS THREE-POINT MARINER PEAK QUAD SINGLE POST PYRAMID

	STRUCTURE MODEL: DSA4182020-22 MAX. SIZE: 20' x 200' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS	SEE SHEET 24.1-1000
	STRUCTURE MODEL: DSA1241414-22 MAX. SIZE: 14' x 14' x 12' MAX. AREA: 196 SQ. FT. MAX. OCCUPANCY: 13 PERSONS	SEE SHEET 15.1-1000
	STRUCTURE MODEL: DSA1242020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS	SEE SHEET 16.1-1000

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

PC SLOPE DESIGN PARAMETERS TENSIONS SAILS FOUR-POINT NOT USED SINGLE POST PYRAMID CANTILEVER

	STRUCTURE MODEL: DSA4182020-22 MAX. SIZE: 20' x 200' x 15' MAX. AREA: 4,000 SQ. FT. MAX. OCCUPANCY: 266 PERSONS	SEE SHEET 24.1-1000
	STRUCTURE MODEL: DSA4183030-22 MAX. SIZE: 30' x 133' x 15' MAX. AREA: 3,990 SQ. FT. MAX. OCCUPANCY: 266 PERSONS	SEE SHEET 25.1-1000

	STRUCTURE MODEL: DSA4012030-22 MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS	SEE SHEET 1.1-1000
	STRUCTURE MODEL: DSA4013040-22 MAX. SIZE: 30' x 30' x 15' MAX. AREA: 900 SQ. FT. MAX. OCCUPANCY: 60 PERSONS	SEE SHEET 2.1-1000
	STRUCTURE MODEL: DSA4013040-22 MAX. SIZE: 30' x 40' x 15' MAX. AREA: 1,200 SQ. FT. MAX. OCCUPANCY: 80 PERSONS	SEE SHEET 3.1-1000
	STRUCTURE MODEL: DSA4014040-22 MAX. SIZE: 40' x 40' x 15' MAX. AREA: 1,600 SQ. FT. MAX. OCCUPANCY: 106 PERSONS	SEE SHEET 4.1-1000
	STRUCTURE MODEL: DSA401203012-22 MAX. SIZE: 20' x 30' x 12' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS	SEE SHEET 5.1-1000
	STRUCTURE MODEL: DSA401303012-22 MAX. SIZE: 30' x 30' x 12' MAX. AREA: 900 SQ. FT. MAX. OCCUPANCY: 60 PERSONS	SEE SHEET 6.1-1000
	STRUCTURE MODEL: DSA401304012-22 MAX. SIZE: 30' x 40' x 12' MAX. AREA: 1,200 SQ. FT. MAX. OCCUPANCY: 80 PERSONS	SEE SHEET 7.1-1000
	STRUCTURE MODEL: DSA40182030-22 (20 psf SNOW LOAD) MAX. SIZE: 20' x 30' x 15' MAX. AREA: 600 SQ. FT. MAX. OCCUPANCY: 40 PERSONS	SEE SHEET 8.1-1000

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

HIP

	STRUCTURE MODEL: DSA401J-22 MAX. SIZE: VARIES, SEE JOINED HIP UNIT SHEET MAX. AREA: VARIES MAX. OCCUPANCY: VARIES	SEE SHEET 9.1-1000
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FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

JOINED HIP

	STRUCTURE MODEL: DSA1031414-22 MAX. SIZE: 14' x 14' x 12' MAX. AREA: 196 SQ. FT. MAX. OCCUPANCY: 13 PERSONS	SEE SHEET 13.1-1000
	STRUCTURE MODEL: DSA1032020-22 MAX. SIZE: 20' x 20' x 12' MAX. AREA: 400 SQ. FT. MAX. OCCUPANCY: 26 PERSONS	SEE SHEET 14.1-1000

FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

QUAD HIP

	STRUCTURE MODEL: DSA401Q-22 MAX. SIZE: VARIES, SEE QUAD HIP UNIT SHEET MAX. AREA: VARIES MAX. OCCUPANCY: VARIES	SEE SHEET 10.1-1000
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FOR DSA 103 TESTING & INSPECTIONS SAMPLE, SEE PC T-3.0

QUAD HIP

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN

CORPORATE HEADQUARTERS
2580 ESTERS BLVD, SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Pacific Grove U.S.D.

PROJECT NAME:
Forest Grove E.S.

LOCATION:
1065 Congress Ave.
Pacific Grove, CA 93950

MODEL NUMBER:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APP: 04-123501 PC

REVIEWED FOR
SS PLS ACS CG

DATE: 12/11/2024

STRUCTURE TYPE:	
SCALE :	VARIES
DRAWING SIZE:	D

PRE-CHECK (PC) DOCUMENT
Code : 2022 CBC
A separate project application for construction is required.

Eng. By :	DWH	8/19/23
Design By :	DWH	8/19/23
Approved By :	DWH	8/19/23

DRAWING DESCRIPTION:	
-----------------------------	--

DWG. UNIT SELECTION	
SHEET	T-2.0
REV.	

BID SET
3/2/26
8/19/24

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS, 2022 CBC

General

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

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 laboratory inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections noted 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.

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.

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 DGS DSA 103-22 (Revised 12/5/2023)

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STATE OF CALIFORNIA

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (CONCRETE), 2022 CBC

Table 1705A.3, ACI 318-19 Sections 26.12 & 26.13

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
C1. CAST-IN-PLACE CONCRETE			
1. Test or Special Inspection			
a. Verify use of required design mix.	Continuous	SI	Table 1705A.3 Item 5, 1910A.1.
b. Identify sample, and test reinforcing steel.	Test	LOR	1910A.2; ACI 318-19 Ch.20 and Section 26.6.1.2 DSA IR 17-10. (See Appendix (end of this form) for exemptions.)
c. During concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Test	LOR	Table 1705A.3 Item 6; ACI 318-19 Sections 26.5 & 26.12.
d. Test concrete (f'c).	Test	LOR	1905A.1.17; ACI 318-19 Section 26.12.
e. Batch plant inspection: Not Required	See Notes	SI	Default of 'Continuous' per 1705A.3.3 if approved by DSA, batch plant inspection may be reduced to 'Periodic' subject to requirements in Section 1705A.3.3.1, or not required per 1705A.3.3.2. See IR 17-13. (See Appendix (end of this form) for exemptions.)
f. Welding of reinforcing steel.			Provide special inspection per STEEL Category S/A4(6) & (e) and/or S/A5(a) & (h) below.
C2. PRESTRESSED / POST-TENSIONED CONCRETE (IN ADDITION TO SECTION C1):			
Test or Special Inspection			
a. Sample and test prestressing tendons and anchorages.	Test	LOR	1705A.3.4, 1910A.3
b. Inspect placement of prestressing tendons.	Periodic	SI	1705A.3.4, Table 1705A.3 Item 1 & 9.

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STATE OF CALIFORNIA

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

Table 1705A.2.1, Table 1705A.2.1, AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20, RCSC 2014, AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
S/A3. WELDING:			
Test or Special Inspection			
a. Verify weld filler material identification markings per AWS designation listed on the DSA-approved documents and the NPS.	Periodic	SI	1705A.2.5, Table 1705A.2.1 Items 4 & 5; AWS D1.1 and AWS D1.8 for field welds > 5/16", plug and slot welds.
b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	DSA IR 17-3.
c. Verify AWS welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
S/A4. SHOP WELDING (IN ADDITION TO SECTION S/A3):			
Test or Special Inspection			
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.
d. Verification of reinforcing steel weldability other than ASTM A706.	Periodic	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
e. Inspect welding of reinforcing steel.	Continuous	SI	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

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STATE OF CALIFORNIA

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

Table 1705A.2.1, Table 1705A.2.1, AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20, RCSC 2014, AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
e. Storage rack anchorage installation.	Periodic	SI	ANSI/MH16 Section 7.3.2; Table 1705A.13.7
d. Completed storage rack system to indicate compliance with the approved construction documents.	Periodic	SI*	Table 1705A.13.7. * May be performed by the project inspector when specifically approved by DSA.
S/A11. Other Steel			
Test or Special Inspection			
a.			

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STATE OF CALIFORNIA

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Geotechnical Reports: Project does NOT have and does NOT require a geotechnical report

Test or Special Inspection	Type	Performed By	Code References and Notes
S1. GENERAL:			
1. Test or Special Inspection			
a. Verify that: <ul style="list-style-type: none"> - Site has been prepared properly prior to placement of controlled fill and/or excavations for foundations. - Foundation excavations are extended to proper depth and have reached proper materials. - Materials below footings must not contain loose material, mud, organic silt, organic clay, or peat. 	See Notes	PI	Refer to specific items identified in the Appendix listing exemptions for limitations. Placement of controlled fill exceeding 12" depth under foundations and/or within the building envelope is not permitted without a geotechnical report.
S2. SOIL COMPACTION AND FILL:			
Test or Special Inspection			
a. Perform classification and testing of fill materials.	Test	LOR*	* Under the supervision of the geotechnical engineer.
b. Verify use of proper materials, densities and inspect lift thickness, placement and compaction during placement of fill.	Continuous	LOR*	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.
c. Compaction testing.	Test	LOR*	* Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations.
S3. DRIVEN DEEP FOUNDATIONS (PILES):			
Test or Special Inspection			
a. Verify pile materials, sizes and lengths comply with the requirements.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.

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 DGS DSA 103-22 (Revised 12/5/2023)

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STATE OF CALIFORNIA

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (CONCRETE), 2022 CBC

Table 1705A.3, ACI 318-19 Sections 26.12 & 26.13

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
c. Verify in-situ concrete strength prior to stressing of post-tensioning tendons.	Periodic	SI	Table 1705A.3 Item 13. Special Inspector to verify specified concrete strength test prior to stressing.
d. Inspect application of post-tensioning or prestressing forces and grouting of bonded prestressing tendons.	Continuous	SI	1705A.3.4, Table 1705A.3 Item 9; ACI 318-19 Section 26.13
C3. PRECAST CONCRETE (IN ADDITION TO SECTION C1):			
Test or Special Inspection			
a. Inspect fabrication of precast concrete members.	Continuous	SI	ACI 318-19 Section 26.13, and PCI MNL-128 and -130.
b. Inspect erection of precast concrete members.	Periodic	SI*	Table 1705A.3 Item 10. * May be performed by PI when specifically approved by DSA.
c. For precast concrete diaphragm connections or reinforcement at joints classified as moderate or high deformability elements (MDC or HDC) in structures assigned to Seismic Design Category D, E or F, inspect such connections and reinforcement in the field for: <ol style="list-style-type: none"> 1. Installation of the embedded parts 2. Completion of the continuity of reinforcement across joints. 3. Completion of connections in the field. 	Continuous	SI	Table 1705A.3, ACI 318-19 Section 26.13.1.3, ACI 550.5
d. Inspect installation tolerances of precast concrete diaphragm connections for compliance with ACI 550.5.	Periodic	SI	Table 1705A.3, ACI 318-19 Section 26.13.1.3, ACI 550.5

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 DGS DSA 103-22 (Revised 12/5/2023)

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STATE OF CALIFORNIA

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

Table 1705A.2.1, Table 1705A.2.1, AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20, RCSC 2014, AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
S/A5. FIELD WELDING (IN ADDITION TO SECTION S/A3):			
Test or Special Inspection			
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".	Periodic	SI	Table 1705A.2.1 Item 5a.5; AISC 360-16 (and AISC 341-16 as applicable); DSA IR 17-3.
c. Inspect end-welded studs (ASTM A-108) installation (including bond test).	Periodic	SI	2213A.2; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3.
d. Inspect floor and roof deck welds.	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (and AISC 341-16 as applicable); AWS D1.3; DSA IR 17-3.
e. Inspect welding of structural cold-formed steel.	Periodic	SI*	1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI S240-20 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA.
f. 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. * May be performed by the project inspector when specifically approved by DSA.
g. Verification of reinforcing steel weldability.	Periodic	SI	1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates.
h. Inspect welding of reinforcing steel.	Continuous	SI	Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3.

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 DGS DSA 103-22 (Revised 12/5/2023)

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STATE OF CALIFORNIA

GENERAL DSA-103 NOTES:

1. THE SAMPLE DSA-103 FORM PROVIDED ON THIS SHEET IS FOR ILLUSTRATIVE PURPOSES ONLY TO ASSIST IN THE COMPLETION OF SPECIFIC DSA-103 FORMS FOR FUTURE PROJECTS.
2. A CURRENT DSA-103 FORM IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS P.C. DOCUMENT IS BEING INCORPORATED INTO AND ALL SAMPLE DSA-103 SHEETS ARE TO BE CROSSED OUT ON THIS SHEET

TESTING AND INSPECTION NOTES:

1. THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE SELECTED BY THE SCHOOL DISTRICT AND APPROVED BY DSA AND THE ARCHITECT OF RECORD.
2. THE SITE PROJECT INSPECTOR SHALL BE CLASS 2. IF THE TOTAL AREA OF THE SHADE STRUCTURE(S) IS LESS THAN 2,000 SQ. FT. WITH NO FIELD WELDING OR HIGH-STRENGTH FASTENERS THEN THE SITE PROJECT INSPECTOR MAY BE A CLASS 3.
3. THE COSTS OF THE PROJECT INSPECTOR AND TESTING AGENCY SHALL BE BORN BY THE SCHOOL DISTRICT. COPIES OF THE VERIFIED REPORTS SHALL BE SENT TO DSA, THE ARCHITECT, THE SCHOOL DISTRICT, THE CONTRACTOR, AND THE PROJECT INSPECTOR.
4. THE IN-PLANT INSPECTOR SHALL BE A WELDING SPECIAL INSPECTOR FOR MATERIAL VERIFICATION AND WELDING.
5. PER 2022 CBC, SECTION 1705A.3.3, BATCH PLANT INSPECTION MAY BE WAIVED WHEN THE FOLLOWING REQUIREMENTS ARE MET:
 - 6.1. A LICENSED WEAVERMASTER SHALL POSITIVELY IDENTIFY QUANTITY OF MATERIALS AND CERTIFY EACH LOAD BY A BATCH TICKET.
 - 6.2. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR BY THE TRUCK DRIVER WITH LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX. THE INSPECTOR OF RECORD SHALL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, ITS LOAD, TIME OF RECEIPT AT THE JOB SITE, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND SHALL MAINTAIN A COPY OF THE DAILY RECORD AS REQUIRED BY THE ENFORCING AGENCY.
7. INCLUDE SECTION S2 - SOIL COMPACTION AND FILL WHEN OVER-EX AND RE-COMPACTING OCCURS.
8. S4 - CAST-IN-PLACE DEEP FOUNDATIONS (PIERS): NOT REQUIRED IF SPREAD FOOTING OPTION IS CHOSEN.
9. S/A9 - ANCHOR BOLT AND ANCHOR ROD: NOT REQUIRED IF EMBEDDED BASE PLATE OPTION IS CHOSEN.

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
b. Determine capacities of test piles and conduct additional load tests as required.	Test	LOR*	* Under the supervision of the geotechnical engineer.
c. Inspect driving operations and maintain complete and accurate records for each pile.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
d. Verify locations of piles and their plumbness, confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip and ball elevations and record any pile damage.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
e. Steel piles.			Provide tests and inspections per STEEL section below.
f. Concrete piles and concrete filled piles.			Provide tests and inspections per CONCRETE section below.
g. For specialty piles, perform additional inspections as determined by the registered design professional in responsible charge.			* As defined on drawings or specifications.
S4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):			
Test or Special Inspection			
a. Inspect drilling operations and maintain complete and accurate records for each pier.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
b. Verify pier locations, diameters, plumbness and lengths-Record concrete or grout volumes.	Continuous	PI	Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations.
c. Concrete piers.			Provide tests and inspections per CONCRETE section below.

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 DGS DSA 103-22 (Revised 12/5/2023)

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DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (CONCRETE), 2022 CBC

Table 1705A.3, ACI 318-19 Sections 26.12 & 26.13

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
C4. SHOTCRETE (IN ADDITION TO SECTION C1):			
Test or Special Inspection			
a. Inspect shotcrete placement for proper application techniques.	Continuous	SI	1705A.3.9, Table 1705A.3 Item 7, 1908A.1, 1908A.2, 1908A.3. See ACI 508-2-13 Section 3.4, ACI 508B-16.
b. Sample and test shotcrete (f'c).	Test	LOR	1908A.2, 1705A.3.9
C5. POST-INSTALLED ANCHORS:			
Test or Special Inspection			
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 318-19 Section 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.)
C6. OTHER CONCRETE:			
Test or Special Inspection			
a.			

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 DGS DSA 103-22 (Revised 12/5/2023)

DEPARTMENT OF GENERAL SERVICES
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STATE OF CALIFORNIA

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (STEEL AND ALUMINUM), 2022 CBC

Table 1705A.2.1, Table 1705A.2.1, AISC 360-16, AISC 341-16, AISC 358-16, AISC 360-16, AISI S100-20, RCSC 2014, AWS D1.1, AWS D1.2, AWS D1.3, AWS D1.4, AWS D1.8

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
S/A6. NONDESTRUCTIVE TESTING:			
Test or Special Inspection			
a. Ultrasonic.	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2; AISC 360-16 N5.5; AWS D1.1; AWS D1.8; DSA IR 17-2.
b. Magnetic Particle.	Test	LOR	1705A.2.1, 1705A.2.5; AISC 341-16 J6.2; AISC 360-16 N5.5; AWS D1.1; AWS D1.8; DSA IR 17-2.
c.	Test	LOR	
S/A7. STEEL JOISTS AND TRUSSES:			
Test or Special Inspection			
a. Verify size, type and grade for all chord and web members as well as connectors and weld filler material; verify joint profile, dimensions and camber (if applicable); verify all weld locations, lengths and profiles; mark or tag each joint.	Continuous	SI	1705A.2.3, Table 1705A.2.3; AWS D1.1; DSA IR 22-3 for steel joists only. 1705A.2.4; AWS D1.3 for cold-formed steel trusses.

DIVISION OF THE STATE ARCHITECT
 DGS DSA 103-22 (Revised 12/5/2023)

DEPARTMENT OF GENERAL SERVICES
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STATE OF CALIFORNIA

HIGH-STRENGTH BOLTS (S/A2) SPECIAL INSPECTIONS TESTING MATRIX FOR SPECIFIC MODELS

MODEL	SHEET	HIGH STRENGTH BOLTS	PRETENSIONED / SLIP-CRITICAL CONNECTIONS
DSA2022030-22	11.1-1000	YES	-
DSA3022060-22	12.1-1000	YES	-
DSA1031414-22	13.1-1000	YES	YES
DSA1032020-22	14.1-1000	YES	YES
DSA1241414-22	15.1-1000	YES	YES
DSA1242020-22	16.1-1000	YES	YES
DSA2062030-22	21.1-1000	YES	-
DSA3052060-22	22.1-1000	YES	-

DSA 103-22: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2022 CBC

Table 1705A.6, Table 1705A.7, Table 1705A.8

Application Number: 04-123501
 School Name: PCF FABRIC SHADE STRUCTURES
 School District: USA SHADE AND FABRIC STRUCTURES
 Date Created: 2024-08-06 15:16:59
 DSA File Number: PC-140

Test or Special Inspection	Type	Performed By	Code References and Notes
S5. RETAINING WALLS:			
Test or Special Inspection			
a. Placement, compaction and inspection of backfill.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative. (See section S2 above).
b. Placement of soil reinforcement and/or drainage devices.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.
c. Segmental retaining walls: inspect placement of walls, dowels, connectors, etc.	Continuous	GE*	* By geotechnical engineer or his or her qualified representative.



190/F5 Fire rated specifications

Standard range

Revision 0 28-Oct-12

Colour	Shade %	UV Block %	Average GSM	Average Warp break strength kgs	Average Elongation %	Average Weft break strength kgs	Average Elongation %	Average Burst Kpa	Average Burst to Mass ratio
Desert Sand	80	92	185	50	40	72	73	156	0.84
Blue	80	85	185	50	40	72	73	156	0.84
Brown	85		185	50	40	72	73	156	0.84
Green	80	85	185	50	40	72	73	156	0.84
Red	80	86	185	50	40	72	73	156	0.84
Silver	80	81	185	50	40	72	73	156	0.84
Terracotta	75	82	185	50	40	72	73	156	0.84
Yellow	80	89	185	50	40	72	73	156	0.84
			110 LB			159 LB			3258 PSF

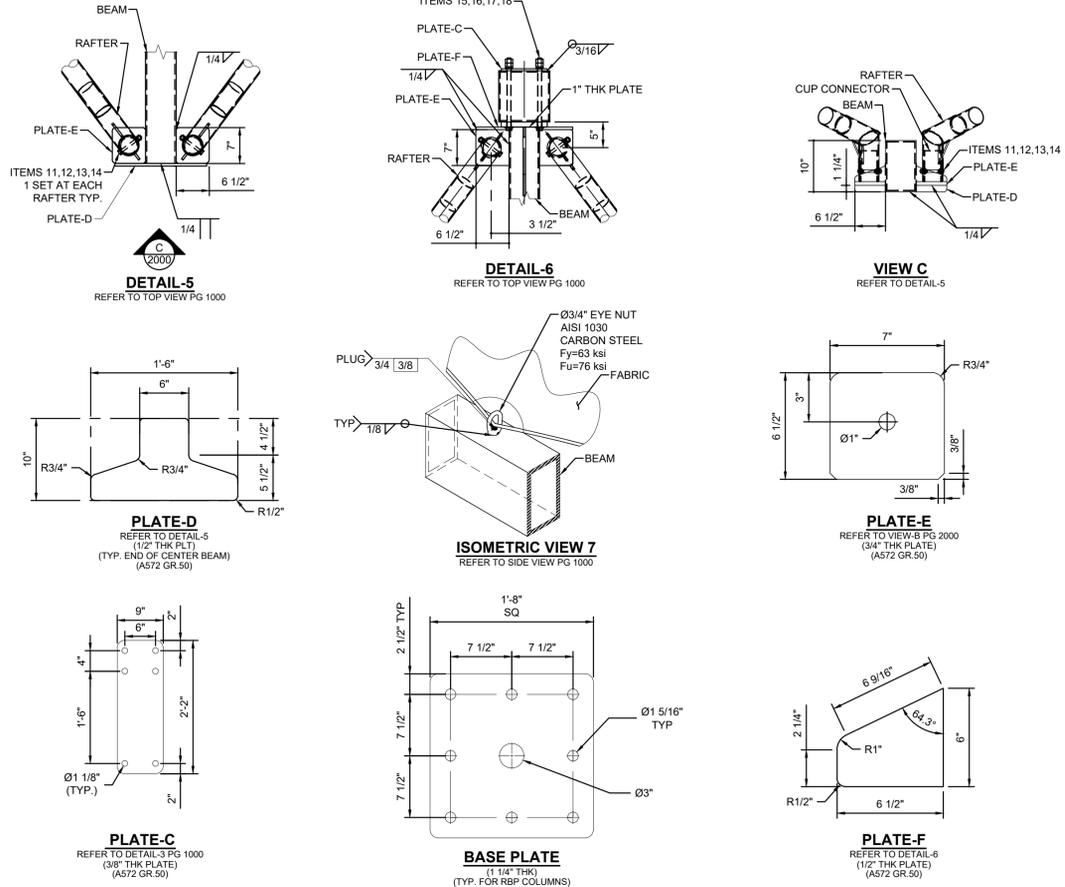
Notes: 190/F5 conforms to The California State Fire Marshal Title 19 Test for Small scale Fabrics
Tear tests are done using a 50mm wide strip and a cross head speed of 500mm/min

This report has been compiled using the mean results from all tests conducted on the given sample by our Quality Control Laboratory, the information provided is considered to be a good reflection of the relevant properties of the fabric tested. These results must only be used as an indication of the quality and characteristics of the fabric tested.
Company cannot be held responsible or liable in any way whatsoever should this information differ to that of a registered testing institution.

Deon Joubert
Deon Joubert
General Manager - Multiknit (Pty) Ltd

Tommy Rogers
Tommy Rogers
Managing Director - Multiknit (Pty) Ltd

CONVERSION TO IMPERIAL UNITS:
185 GSM = .0378 psf
50 KGS = 110 Lb
72 KGS = 159 Lb
156 Kpa = 3258 psf



THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.



CORPORATE HEADQUARTERS
2580 ESTERS BLVD. SUITE 100
DFW AIRPORT, TX, 75261
800-966-5005

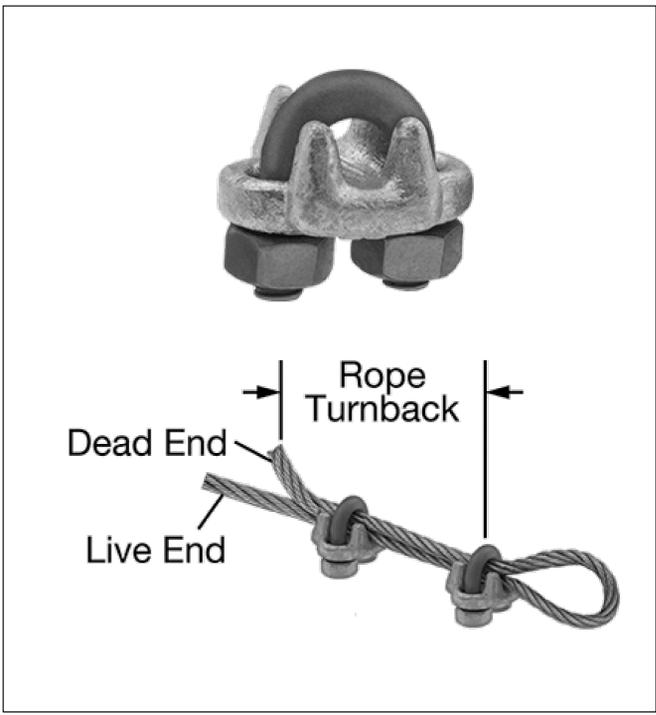
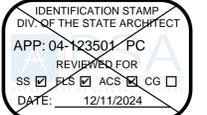
CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER
CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
Pacific Grove U.S.D.

PROJECT NAME:
Forest Grove E.S.

LOCATION:
1065 Congress Ave.
Pacific Grove, CA 93950

MODEL NUMBER:
DSA3022060-22



FORGED WIRE ROPE CLAMP
FITTING TYPE ROPE CLAMP
FABRICATION: FORGED
MATERIAL: GALVANIZED STEEL
FOR WIRE ROPE DIAMETER 3/8"
NUMBER OF CLAMPS REQUIRED: 2
ROPE TURNBACK: 6 1/2"
FOR WIRE ROPE CONSTRUCTION 7 x 19
ATTACHMENT TYPE: LOOP
CLAMP: WIDTH 2", HEIGHT 1 15/16", THICKNESS 1 11/16"
REQUIRED INSTALLATION TOOL TORQUE WRENCH
REQUIRED TORQUE 45 FT.-LBS.
CAPACITY 80% OF THE ROPE'S CAPACITY
SPECIFICATIONS MET ASME B30.26, FED. SPEC. FF-C-450

Aircraft Cable

Preformed, made in accordance with commercial specifications military and federal specification rope available.

Carbon Steel (Aircraft Cable) - Galvanized cable has the highest strength and greatest fatigue life of the materials offered. It has good to fair corrosion resistance in rural to industrial atmosphere environments. This material is most widely used for small diameter cables. Tin over galvanized cable offers greater corrosion resistance and reduced friction over pulleys.

Dia. (In)	7 x 19		Galvanized Min. Breaking Strengths (lbs)
	Approx. Wt 1000 Ft/lbs		
3/32	17.		1,000
1/8	29.		2,000
5/32	45.		2,800
3/16	65.		4,200
7/32	86.		5,600
1/4	110.		7,000
9/32	139.		8,000
5/16	173.		9,800
3/8	243.		14,400

FLAME RETARDANT

Fabric Registration
LICENCE NUMBER: F-052001
COLOURSHADE 190/F5

Product Marketed by:
MULTIKNIT (PTY) LTD
BOX 798 WHITE RIVER 1240
MPUMALANGA SOUTH AFRICA.

Issue Date : 05/08/2023
Expiration Date : 06/30/2024

This product meets the minimum requirements of flame resistance established by the California State Fire Marshal for products identified in Section 13115, California Health and Safety Code. The scope of the approved use of this product is provided in the current edition of the CALIFORNIA APPROVED LIST OF FLAME RETARDANT CHEMICALS AND FABRICS, GENERAL AND LIMITED APPLICATIONS CONCERNS published by the California State Fire Marshal.

Issued By Courtney Walker
Fire Engineering License Manager
Fire Engineering & Investigations Division

Reviewed and Approved By Patricia Setter
Deputy State Fire Marshal II
Fire Engineering & Investigations Division

OFFICE OF THE STATE FIRE MARSHAL

Please visit calfire.govmtus.org for more information on Licensing and Permitting with CAL FIRE

Page 1 of 1

STRUCTURE TYPE:
FULL CANTILEVER HIP
JOINED - DSA

SIZE: MAXIMUM
20' x 200' x 15'e MAX.

SCALE : NONE

DRAWING SIZE: D

PRE-CHECK (PC) DOCUMENT
Code : 2022 CBC
A separate project application for construction is required.

Eng. By :	HH	12/01/22
Design By :	OS	12/01/22
Approved By :	MB	12/01/22

DRAWING DESCRIPTION:
SPECIFICATIONS

DWG. DSA3022060-22

SHEET 12.2-2000

REV. NC

BID SET
3/2/26

8/19/24 6/28/2024