

APPENDIX A

Air Quality - Emissions Analysis

Total Construction Criteria Air Pollutants							
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	CO2e	
Year	Tons					MT	
Construction Equipment							
2026	0.004	0.18	0.001	0.001	0.01	100.03	
2027	0.13	0.31	0.002	0.002	0.01	102.30	
2028							
2029	0.03	0.27	0.002	0.002	0.002	77.85	
2030	0.16	0.84	0.01	0.01	0.01	243.12	
Total Construction Emissions							
Tons	0.33	1.61	0.01	0.01		523.30	
Average Daily Emissions							
						Workdays	
2026	0.78	36.81	0.28	0.27			10
2027	2.08	4.94	0.03	0.03			127
2028							
2029	0.43	4.54	0.03	0.03			121
2030	2.67	13.70	0.09	0.09			122
Threshold - lbs/day	54.0	54.0	82.0	54.0			
Total Construction Emissions							
Pounds	650.42	3215.92	22.24	21.85		0.00	
Average	1.71	8.46	0.06	0.06		0.00	380.00
Threshold - lbs/day	54.0	54.0	82.0	54.0			

S-3 Baseball Field Construction Criteria Air Pollutants							
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	CO2e	
Year	Tons					MT	
Construction Equipment							
2026	0.004	0.18	0.001	0.001	0.01	100.03	
2027							
2028							
2029							
2030							
Total Construction Emissions							
Tons	0.004	0.18	0.001	0.001		100.03	
Average Daily Emissions							
Pounds/Workdays						Workdays	
2026	0.78	36.81	0.28	0.27			10
2027							
2028							
2029							
2030							
Threshold - lbs/day	54.0	54.0	82.0	54.0			
Total Construction Emissions							
Pounds	7.84	368.07	2.75	2.74		0.00	
Average	0.78	36.81	0.28	0.27		0.00	10.00
Threshold - lbs/day	54.0	54.0	82.0	54.0			

Number of Days Per Year				
2026	6/11/2026	6/23/2026	13	10
			13	10 Total Workdays

Phase	Start Date	End Date	Days/Week	Workdays
Site Preparation	6/11/2026	6/15/2026	5	3
Grading	6/16/2026	6/23/2026	5	6
Trenching	6/16/2026	6/23/2026	5	6

N-1 T-Wing Construction Criteria Air Pollutants						
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	CO2e
Year	Tons					MT
Construction Equipment						
2026						
2027	0.13	0.31	0.002	0.002	0.01	102.30
2028						
2029						
2030						
Total Construction Emissions						
Tons	0.13	0.31	0.00	0.00		102.30
Average Daily Emissions						
						Workdays
2026						
2027	2.08	4.94	0.03	0.03		127
2028						
2029						
2030						
Threshold - lbs/day	54.0	54.0	82.0	54.0		
Total Construction Emissions						
Pounds	264.49	627.77	4.40	4.26		0.00
Average	2.08	4.94	0.03	0.03		0.00
Threshold - lbs/day	54.0	54.0	82.0	54.0		127.00

Number of Days Per Year

2027	6/1/2027	11/23/2027	176	127
			176	127 Total Workdays

Phase	Start Date	End Date	Days/Week	Workdays
Demolition	6/1/2027	6/15/2027	5	10
Site Preparation	6/16/2027	6/17/2027	5	1
Grading	6/18/2027	6/20/2027	5	2
Building Construction	6/21/2027	11/8/2027	5	100
Paving	11/17/2027	11/23/2027	5	5
Architectural Coating	11/9/2027	11/15/2027	5	5
Trenching	6/18/2027	6/21/2027	5	2

N-2 Terrace Construction Criteria Air Pollutants							
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	CO2e	
Year	Tons					MT	
Construction Equipment							
2026							
2027							
2028							
2029	0.03	0.27	0.002	0.002	0.002	77.85	
2030							
Total Construction Emissions							
Tons	0.03	0.27	0.00	0.00		77.85	
Average Daily Emissions							
						Workdays	
2026							
2027							
2028							
2029	0.43	4.54	0.03	0.03			121
2030							
Threshold - lbs/day	54.0	54.0	82.0	54.0			
Total Construction Emissions							
Pounds	52.16	549.01	3.73	3.67		0.00	
Average	0.43	4.54	0.03	0.03		0.00	121.00
Threshold - lbs/day	54.0	54.0	82.0	54.0			

Number of Days Per Year

2029	5/29/2029	11/12/2029	168	121
			168	121 Total Workdays

Phase	Start Date	End Date	Days/Week	Workdays
Demolition	5/29/2029	6/12/2029	5	10
Site Preparation	6/13/2029	6/14/2029	5	1
Grading	6/15/2029	6/17/2029	5	2
Building Construction	6/18/2029	11/5/2029	5	100
Architectural Coating	11/6/2029	11/12/2029	5	5
Trenching	6/15/2029	6/18/2029	5	2

N-3 Admin Construction Criteria Air Pollutants							
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	CO2e	
Year	Tons					MT	
Construction Equipment							
2026							
2027							
2028							
2029							
2030	0.13	0.29	0.002	0.002	0.01	93.31	
	<i>Total Construction Emissions</i>						
Tons	0.13	0.29	0.00	0.00		93.31	
Pounds/Workdays	<i>Average Daily Emissions</i>						Workdays
2026							
2027							
2028							
2029							
2030	2.07	4.80	0.03	0.03			122
Threshold - lbs/day	54.0	54.0	82.0	54.0			
	<i>Total Construction Emissions</i>						
Pounds	252.45	586.02	4.04	3.98		0.00	
Average	2.07	4.80	0.03	0.03		0.00	122.00
Threshold - lbs/day	54.0	54.0	82.0	54.0			

Number of Days Per Year				
2026	6/1/2030	11/16/2030	169	122
			169	122 Total Workdays

Phase	Start Date	End Date	Days/Week	Workdays
Demolition	6/1/2030	6/15/2030	5	10
Site Preparation	6/16/2030	6/17/2030	5	1
Grading	6/18/2030	6/20/2030	5	2
Building Construction	6/21/2030	11/8/2030	5	100
Architectural Coating	11/9/2030	11/16/2030	5	5
Trenching	6/18/2030	6/19/2030	5	2

S-1 Bleachers Construction Criteria Air Pollutants							
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	CO2e	
Year	Tons					MT	
Construction Equipment							
2026							
2027							
2028							
2029							
2030	0.01	0.27	0.00	0.00	0.00	70.11	
	<i>Total Construction Emissions</i>						
Tons	0.01	0.27	0.00	0.00		70.11	
Pounds/Workdays	<i>Average Daily Emissions</i>						Workdays
2026							
2027							
2028							
2029							
2030	0.17	4.36	0.03	0.03			122
Threshold - lbs/day	54.0	54.0	82.0	54.0			
	<i>Total Construction Emissions</i>						
Pounds	21.23	531.49	3.53	3.47		0.00	
Average	0.17	4.36	0.03	0.03		0.00	122.00
Threshold - lbs/day	54.0	54.0	82.0	54.0			

Number of Days Per Year

2026	6/1/2030	11/16/2030	169	122
			169	122 Total Workdays

Phase	Start Date	End Date	Days/Week	Workdays
Demolition	6/1/2030	6/15/2030	5	10
Site Preparation	6/16/2030	6/17/2030	5	1
Grading	6/18/2030	6/20/2030	5	2
Building Construction	6/21/2030	11/8/2030	5	100
Paving	11/9/2030	11/16/2030	5	5
Trenching	6/18/2030	6/19/2030	5	2

S-2 Stadium Entrance Construction Criteria Air Pollutants							
Unmitigated	ROG	NOX	PM10 Exhaust	PM2.5 Exhaust	PM2.5 Fugitive	CO2e	
Year	Tons					MT	
Construction Equipment							
2026							
2027							
2028							
2029							
2030	0.03	0.28	0.00	0.00	0.00	79.69	
	<i>Total Construction Emissions</i>						
Tons	0.03	0.28	0.00	0.00		79.69	
Pounds/Workdays	<i>Average Daily Emissions</i>						Workdays
2026							
2027							
2028							
2029							
2030	0.43	4.54	0.03	0.03			122
Threshold - lbs/day	54.0	54.0	82.0	54.0			
	<i>Total Construction Emissions</i>						
Pounds	52.24	553.56	3.79	3.73		0.00	
Average	0.43	4.54	0.03	0.03		0.00	122.00
Threshold - lbs/day	54.0	54.0	82.0	54.0			

Number of Days Per Year				
2026	6/1/2030	11/16/2030	169	122
			169	122 Total Workdays

Phase	Start Date	End Date	Days/Week	Workdays
Demolition	6/1/2030	6/15/2030	5	10
Site Preparation	6/16/2030	6/17/2030	5	1
Grading	6/18/2030	6/20/2030	5	2
Building Construction	6/21/2030	11/8/2030	5	100
Architectural Coating	11/9/2030	11/16/2030	5	5
Trenching	6/18/2030	6/19/2030	5	2

Air Quality/Noise Construction Information Data Request

Project Name: Carlmont High School - Baseball Field Artificial Turf	Complete ALL Portions in Yellow
<small>See Equipment Type TAB for type, horsepower and load factor</small>	
Project Size _____ Dwelling Units _____ 2 total project acres disturbed _____ 2 acres Park _____ s.f. Stadium Support Facilities _____ s.f. office/commercial _____ s.f. other, specify: _____ s.f. parking garage _____ spaces _____ s.f. parking lot _____ spaces Construction Days (i.e, M-F) _____ to _____ Construction Hours _____ am to _____ pm	Pile Driving? Y/N? N 1. Replacement of natural grass with artificial turf at the baseball fields to reduce maintenance and water use.

DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT

Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	HP Annual Hours	Comments
Site Preparation		Start Date: 6/11/2026		Total phase: 3				
		End Date: 6/15/2026						
1	Graders	148	0.41	8	3	8	1456	
1	Rubber Tired Dozers	367	0.4	7	3	7	3083	
1	Tractors/Loaders/Backhoes	84	0.37	8	3	8	746	
	<i>Other Equipment?</i>	423	0.48					
Grading / Excavation		Start Date: 6/16/2026		Total phase: 6				
		End Date: 6/23/2026						
								Soil Hauling Volume
								Export volume = Est. 9,700 cubic yards?
								Import volume = Est. 9,700 cubic yards?
1	Excavators	36	0.38			0	0	
1	Graders	148	0.41	8	6	8	2913	
1	Rubber Tired Dozers	367	0.4	8	6	8	7046	
	Concrete/Industrial Saws	33	0.73			0	0	
2	Tractors/Loaders/Backhoes	84	0.37	7	6	7	2611	
	<i>Other Equipment?</i>							
Trenching/Foundation		Start Date: 6/16/2026		Total phase: 6				
		End Date: 6/23/2026						
1	Tractor/Loader/Backhoe	84	0.37	8	6	8	1492	
1	Excavators	36	0.38	8	6	8	657	
	<i>Other Equipment?</i>							
Additional Phases		Start Date:		Total phase:				
		Start Date:						
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	

Equipment types listed in "Equipment Types" worksheet tab.

Equipment listed in this sheet is to provide an example of inputs

It is assumed that water trucks would be used during grading

Add or subtract phases and equipment, as appropriate

Modify horsepower or load factor, as appropriate

Complete one sheet for each project component

Air Quality/Noise Construction Information Data Request

Project Name: Carlmont High School - T-Wing Building **Complete ALL Portions in Yellow**

See Equipment Type TAB for type, horsepower and load factor

Project Size Dwelling Units 1 total project acres disturbed
23,000 s.f. - T-Wing
 _____ s.f. office
Est. 20000 s.f. other, Quad
 _____ s.f. parking garage _____ spaces
 _____ s.f. parking lot _____ spaces
 Construction Days (i.e, M-F) _____ to _____
 Construction Hours _____ am to _____ pm

Pile Driving? Y/N? N

1. Demolition of the existing T-Wing building and the construction of a new three-story building totaling approximately 23,000 square feet.
 2. Construction of a new, approx. 20,000-sf quad between the new T-Wing and the Multi-Use Building to the north.

DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT

Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	HP Annual Hours	Comments
Demolition		Start Date:	6/1/2027	Total phase:	10			Overall Import/Export Volumes
		End Date:	6/15/2027					
1	Concrete/Industrial Saws	33	0.73	8	10	8	1927	Demolition Volume
	Excavators	36	0.38			0	0	Square footage of buildings to be demolished
1	Rubber-Tired Dozers	367	0.4	1	10	1	1468	(or total tons to be hauled)
2	Tractors/Loaders/Backhoes	84	0.37	6	10	6	3730	15,000 square feet or
	Other Equipment?							Hauling volume (tons)
								Any pavement demolished and hauled? <u> </u> tons
Site Preparation		Start Date:	6/16/2027	Total phase:	1			
		End Date:	6/17/2027					
1	Graders	148	0.41	8	1	8	485	
	Rubber Tired Dozers	367	0.4			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	8	1	8	249	
	Other Equipment?							
Grading / Excavation		Start Date:	6/18/2027	Total phase:	2			Soil Hauling Volume
		End Date:	6/20/2027					Export volume = Est. 1,000 cubic yards?
	Excavators	36	0.38			0	0	Import volume = Est. 1,000 cubic yards?
1	Graders	148	0.41	6	2	6	728	
1	Rubber Tired Dozers	367	0.4	6	2	6	1762	
	Concrete/Industrial Saws	33	0.73			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	7	2	7	435	
	Other Equipment?							
Trenching/Foundation		Start Date:	6/18/2027	Total phase:	2			
		End Date:	6/20/2027					
1	Tractor/Loader/Backhoe	84	0.37	8	2	8	497	
1	Excavators	36	0.38	8	2	8	219	
	Other Equipment?							
Building - Exterior		Start Date:	6/21/2027	Total phase:	100			Cement Trucks? Est. 145 Total Round-Trips
		End Date:	11/8/2027					Electric? (Y/N) Otherwise assumed diesel
1	Cranes	367	0.29	4	100	4	42572	Liquid Propane (LPG)? (Y/N) Otherwise Assumed diesel
2	Forklifts	82	0.2	6	100	6	19680	Or temporary line power? (Y/N)
	Generator Sets	14	0.74			0	0	
2	Tractors/Loaders/Backhoes	84	0.37	8	100	8	49728	
	Welders	46	0.45			0	0	
	Other Equipment?							
Building - Interior/Architectural Coating		Start Date:	11/9/2027	Total phase:	5			
		End Date:	11/16/2027					
1	Air Compressors	37	0.48	6	5	6	533	
	Aerial Lift	46	0.31			0	0	
	Other Equipment?							
Paving		Start Date:	11/17/2027	Total phase:	5			
		Start Date:	11/24/2027					Asphalt? <u> </u> cubic yards or <u> </u> round trips?
4	Cement and Mortar Mixers	10	0.56	6	5	6	672	
1	Pavers	81	0.42	7	5	7	1191	
	Paving Equipment	89	0.36			0	0	
1	Rollers	36	0.38	7	5	7	479	
1	Tractors/Loaders/Backhoes	84	0.37	7	5	7	1088	
	Other Equipment?							
Additional Phases		Start Date:		Total phase:				
		Start Date:						
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	

Equipment types listed in "Equipment Types" worksheet tab.

Equipment listed in this sheet is to provide an example of inputs
 It is assumed that water trucks would be used during grading
Add or subtract phases and equipment, as appropriate
Modify horsepower or load factor, as appropriate

Complete one sheet for each project component

Air Quality/Noise Construction Information Data Request

Project Name: Carlmont High School - Terrace Building	Complete ALL Portions in Yellow
<small>See Equipment Type TAB for type, horsepower and load factor</small>	
Project Size _____ Dwelling Units _____ 0.5 total project acres disturbed _____ 3,000 s.f. Terrace Building _____ _____ s.f. _____ _____ s.f. other, asphalt: _____ _____ s.f. parking garage _____ spaces _____ s.f. parking lot _____ spaces Construction Days (i.e., M-F) _____ to _____ Construction Hours _____ am to _____ pm	Pile Driving? Y/N? N 1. Demolition of the existing concrete bleachers and the construction of a new 3,000-square-foot, one-story terrace building totaling approximately 3,000 square feet.
DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT	

Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	HP Annual Hours	Comments
Demolition		Start Date:	5/29/2029	Total phase:	10			Overall Import/Export Volumes
		End Date:	6/12/2029					
1	Concrete/Industrial Saws	33	0.73	8	10	8	1927	Demolition Volume
	Excavators	36	0.38			0	0	Square footage of buildings to be demolished
1	Rubber-Tired Dozers	367	0.4	1	10	1	1468	(or total tons to be hauled)
2	Tractors/Loaders/Backhoes	84	0.37	6	10	6	3730	square feet or
	Other Equipment?							Est. ~3,000 sf concrete
Site Preparation		Start Date:	6/13/2029	Total phase:	1			Any pavement demolished and hauled?
		End Date:	6/14/2029					
1	Graders	148	0.41	8	1	8	485	
	Rubber Tired Dozers	367	0.4			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	8	1	8	249	
	Other Equipment?							
Grading / Excavation		Start Date:	6/15/2029	Total phase:	2			Soil Hauling Volume
		End Date:	6/17/2029					
	Excavators	36	0.38			0	0	Export volume = Est. 1,000 cubic yards?
1	Graders	148	0.41	6	2	6	728	Import volume = Est. 1,000 cubic yards?
1	Rubber Tired Dozers	367	0.4	6	2	6	1762	
	Concrete/Industrial Saws	33	0.73			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	7	2	7	435	
	Other Equipment?							
Trenching/Foundation		Start Date:	6/15/2029	Total phase:	2			
		End Date:	6/17/2029					
1	Tractor/Loader/Backhoe	84	0.37	8	2	8	497	
1	Excavators	36	0.38	8	2	8	219	
	Other Equipment?							
Building - Exterior		Start Date:	6/18/2029	Total phase:	100			Cement Trucks? Est. 25 Total Round-Trips
		End Date:	11/5/2029					
1	Cranes	367	0.29	4	100	4	42572	Electric? (Y/N) Otherwise assumed diesel
2	Forklifts	82	0.2	6	100	6	19680	Liquid Propane (LPG)? (Y/N) Otherwise Assumed diesel
	Generator Sets	14	0.74			0	0	Or temporary line power? (Y/N)
2	Tractors/Loaders/Backhoes	84	0.37	8	100	8	49728	
	Welders	46	0.45			0	0	
	Other Equipment?							
Building - Interior/Architectural Coating		Start Date:	11/6/2029	Total phase:	5			
		End Date:	11/12/2029					
1	Air Compressors	37	0.48	6	5	6	533	
	Aerial Lift	46	0.31			0	0	
	Other Equipment?							
Additional Phases		Start Date:		Total phase:				
		Start Date:						
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	

Equipment types listed in "Equipment Types" worksheet tab.

Equipment listed in this sheet is to provide an example of inputs
 It is assumed that water trucks would be used during grading
Add or subtract phases and equipment, as appropriate
Modify horsepower or load factor, as appropriate

Complete one sheet for each project component

Air Quality/Noise Construction Information Data Request

Project Name: Carlmont High School - Admin Building	Complete ALL Portions in Yellow																		
<small>See Equipment Type TAB for type, horsepower and load factor</small>																			
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Project Size</td> <td style="width: 50%;">Dwelling Units <u>1</u> total project acres disturbed</td> </tr> <tr> <td>Est. 22000 s.f. Admin Building</td> <td></td> </tr> <tr> <td>s.f.</td> <td></td> </tr> <tr> <td>s.f. other, asphalt:</td> <td></td> </tr> <tr> <td>s.f. parking garage</td> <td>spaces</td> </tr> <tr> <td>s.f. parking lot</td> <td>spaces</td> </tr> <tr> <td>Construction Days (i.e. M-F)</td> <td>to</td> </tr> <tr> <td>Construction Hours</td> <td>am to pm</td> </tr> </table>	Project Size	Dwelling Units <u>1</u> total project acres disturbed	Est. 22000 s.f. Admin Building		s.f.		s.f. other, asphalt:		s.f. parking garage	spaces	s.f. parking lot	spaces	Construction Days (i.e. M-F)	to	Construction Hours	am to pm	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black;">Pile Driving? Y/N? N</td> </tr> <tr> <td style="border: 1px solid black;">1. Demolition of the existing administration building and the construction of a new two-story building totaling approximately 22,000 square feet.</td> </tr> </table>	Pile Driving? Y/N? N	1. Demolition of the existing administration building and the construction of a new two-story building totaling approximately 22,000 square feet.
Project Size	Dwelling Units <u>1</u> total project acres disturbed																		
Est. 22000 s.f. Admin Building																			
s.f.																			
s.f. other, asphalt:																			
s.f. parking garage	spaces																		
s.f. parking lot	spaces																		
Construction Days (i.e. M-F)	to																		
Construction Hours	am to pm																		
Pile Driving? Y/N? N																			
1. Demolition of the existing administration building and the construction of a new two-story building totaling approximately 22,000 square feet.																			
DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT																			

Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	HP Annual Hours	Comments
Demolition		Start Date:	6/1/2030	Total phase:	10			Overall Import/Export Volumes
		End Date:	6/15/2030					
1	Concrete/Industrial Saws	33	0.73	8	10	8	1927	Demolition Volume
	Excavators	36	0.38			0	0	Square footage of buildings to be demolished
1	Rubber-Tired Dozers	367	0.4	1	10	1	1468	(or total tons to be hauled)
2	Tractors/Loaders/Backhoes	84	0.37	6	10	6	3730	Est. 15,000 square feet or
	Other Equipment?							Hauling volume (tons)
								Any pavement demolished and hauled? _
Site Preparation		Start Date:	6/16/2030	Total phase:	1			
		End Date:	6/17/2030					
1	Graders	148	0.41	8	1	8	485	
	Rubber Tired Dozers	367	0.4			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	8	1	8	249	
	Other Equipment?							
Grading / Excavation		Start Date:	6/18/2030	Total phase:	2			
		End Date:	6/20/2030					
	Excavators	36	0.38			0	0	Soil Hauling Volume
1	Graders	148	0.41	6	2	6	728	Export volume = Est. 1,000 cubic yards?
1	Rubber Tired Dozers	367	0.4	6	2	6	1762	Import volume = Est. 1,000 cubic yards?
	Concrete/Industrial Saws	33	0.73			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	7	2	7	435	
	Other Equipment?							
Trenching/Foundation		Start Date:	6/18/2030	Total phase:	2			
		End Date:	6/20/2030					
1	Tractor/Loader/Backhoe	84	0.37	8	2	8	497	
1	Excavators	36	0.38	8	2	8	219	
	Other Equipment?							
Building - Exterior		Start Date:	6/21/2030	Total phase:	100			Cement Trucks? Est. 91 Total Round-Trips
		End Date:	11/8/2030					
1	Cranes	367	0.29	4	100	4	42572	Electric? (Y/N) Otherwise assumed diesel
2	Forklifts	82	0.2	6	100	6	19680	Liquid Propane (LPG)? (Y/N) Otherwise Assumed diesel
	Generator Sets	14	0.74			0	0	Or temporary line power? (Y/N)
2	Tractors/Loaders/Backhoes	84	0.37	8	100	8	49728	
	Welders	46	0.45			0	0	
	Other Equipment?							
Building - Interior/Architectural Coating		Start Date:	11/9/2030	Total phase:	5			
		End Date:	11/16/2030					
1	Air Compressors	37	0.48	6	5	6	533	
	Aerial Lift	46	0.31			0	0	
	Other Equipment?							
Additional Phases		Start Date:		Total phase:				
		Start Date:						
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	

Equipment types listed in "Equipment Types" worksheet tab.

Equipment listed in this sheet is to provide an example of inputs
 It is assumed that water trucks would be used during grading
Add or subtract phases and equipment, as appropriate
Modify horsepower or load factor, as appropriate

Complete one sheet for each project component

Air Quality/Noise Construction Information Data Request

Project Name: Carlmont High School - Stadium Bleachers					Complete ALL Portions in Yellow			
See Equipment Type TAB for type, horsepower and load factor								
Project Size _____ Dwelling Units _____ 0.5 total project acres disturbed _____ 0.5 acres Park w/ ~1000-sf press box _____ s.f. _____ s.f. office/commercial ~7500 _____ s.f. other, asphalt: _____ s.f. parking garage _____ spaces _____ s.f. parking lot _____ spaces Construction Days (i.e, M-F) _____ to _____ Construction Hours _____ am to _____ pm					Pile Driving? Y/N? N 1. Demolishing the existing concrete bleachers and installing expanded bleachers with a press box.			
DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT								
Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	HP Annual Hours	Comments
Demolition		Start Date: 6/1/2030		Total phase: 10				Overall Import/Export Volumes
		End Date: 6/15/2030						Demolition Volume
1	Concrete/Industrial Saws	33	0.73	8	10	8	1927	Square footage of buildings to be demolished (or total tons to be hauled)
1	Excavators	36	0.38			0	0	Est. 1,000 square feet or Hauling volume (tons)
1	Rubber-Tired Dozers	367	0.4	1	10	1	1468	Any pavement demolished and hauled? _____ tons
2	Tractors/Loaders/Backhoes	84	0.37	6	10	6	3730	
Other Equipment?								
Site Preparation		Start Date: 6/16/2030		Total phase: 1				
		End Date: 6/17/2030						
1	Graders	148	0.41	8	1	8	485	
1	Rubber Tired Dozers	367	0.4			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	8	1	8	249	
Other Equipment?								
Grading / Excavation		Start Date: 6/18/2030		Total phase: 2				Soil Hauling Volume
		End Date: 6/20/2030						
1	Excavators	36	0.38			0	0	
1	Graders	148	0.41	6	2	6	728	
1	Rubber Tired Dozers	367	0.4	6	2	6	1762	
1	Concrete/Industrial Saws	33	0.73			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	7	2	7	435	
Other Equipment?								
Trenching/Foundation		Start Date: 6/18/2030		Total phase: 2				
		End Date: 6/20/2030						
1	Tractor/Loader/Backhoe	84	0.37	8	2	8	497	
1	Excavators	36	0.38	8	2	8	219	
Other Equipment?								
Building - Exterior		Start Date: 6/21/2030		Total phase: 100				Cement Trucks? Est. 20 Total Round-Trips
		End Date: 11/8/2030						~4,500 sf concrete
1	Cranes	367	0.29	4	100	4	42572	Electric? (Y/N) Otherwise assumed diesel
2	Forklifts	82	0.2	6	100	6	19680	Liquid Propane (LPG)? (Y/N) Otherwise Assumed diesel
1	Generator Sets	14	0.74			0	0	Or temporary line power? (Y/N)
2	Tractors/Loaders/Backhoes	84	0.37	8	100	8	49728	
1	Welders	46	0.45			0	0	
Other Equipment?								
Paving		Start Date: 11/9/2030		Total phase: 5				
		Start Date: 11/16/2030						Asphalt? ___ cubic yards or ___ Est. 15___ round trips?
4	Cement and Mortar Mixers	10	0.56	6	5	6	672	
1	Pavers	81	0.42	7	5	7	1191	
1	Paving Equipment	89	0.36			0	0	
1	Rollers	36	0.38	7	5	7	479	
1	Tractors/Loaders/Backhoes	84	0.37	7	5	7	1088	
Other Equipment?								
Additional Phases		Start Date:		Total phase:				
		Start Date:						
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
						#DIV/0!	0	
Equipment types listed in "Equipment Types" worksheet tab.								
Equipment listed in this sheet is to provide an example of inputs								
It is assumed that water trucks would be used during grading								
Add or subtract phases and equipment, as appropriate								
Modify horsepower or load factor, as appropriate								
					Complete one sheet for each project component			

Air Quality/Noise Construction Information Data Request

Project Name:	Carlmont High School - Stadium Entrance & Field House	Complete ALL Portions in Yellow
See Equipment Type TAB for type, horsepower and load factor		
Project Size Dwelling Units: <u>0.5 total project</u> acres disturbed 3,000 s.f. Field House s.f. Est. 10000 s.f. other, Entrance s.f. parking garage: _____ spaces s.f. parking lot: _____ spaces Construction Days (i.e. M-F): _____ to _____ Construction Hours: _____ am to _____ pm	Pile Driving? Y/N? N 1. The stadium entrance would be improved by creating an accessible pathway and entry plaza. 2. A new, approximately 3,000-sf stadium field house would be constructed, featuring two team rooms, restrooms, and a snack bar.	
DO NOT MULTIPLY EQUIPMENT HOURS/DAY BY THE QUANTITY OF EQUIPMENT		

Quantity	Description	HP	Load Factor	Hours/day	Total Work Days	Avg. Hours per day	HP Annual Hours	Comments
Demolition		Start Date: 6/1/2030		Total phase: 10		Overall Import/Export Volumes		
		End Date: 6/15/2030					Demolition Volume	
1	Concrete/Industrial Saws	33	0.73	8	10	8	1927	Square footage of buildings to be demolished
1	Excavators	36	0.38			0	0	(or total tons to be hauled)
1	Rubber-Tired Dozers	367	0.4	1	10	1	1468	square feet or
2	Tractors/Loaders/Backhoes	84	0.37	6	10	6	3730	Hauling volume (tons)
	Other Equipment?							Any pavement demolished and hauled?
Site Preparation		Start Date: 6/16/2030		Total phase: 1				
		End Date: 6/17/2030					Soil Hauling Volume	
1	Graders	148	0.41	8	1	8	485	Export volume = Est. 1,000 cubic yards?
	Rubber Tired Dozers	367	0.4			0	0	Import volume = Est. 1,000 cubic yards?
1	Tractors/Loaders/Backhoes	84	0.37	8	1	8	249	
	Other Equipment?							
Grading / Excavation		Start Date: 6/18/2030		Total phase: 2				
		End Date: 6/20/2030					Soil Hauling Volume	
	Excavators	36	0.38			0	0	Export volume = Est. 1,000 cubic yards?
1	Graders	148	0.41	6	2	6	728	Import volume = Est. 1,000 cubic yards?
1	Rubber Tired Dozers	367	0.4	6	2	6	1762	
	Concrete/Industrial Saws	33	0.73			0	0	
1	Tractors/Loaders/Backhoes	84	0.37	7	2	7	435	
	Other Equipment?							
Trenching/Foundation		Start Date: 6/18/2030		Total phase: 2				
		End Date: 6/20/2030					Cement Trucks? Est. 66 Total Round-Trips	
1	Tractor/Loader/Backhoe	84	0.37	8	2	8	497	Electric? (Y/N) Otherwise assumed diesel
1	Excavators	36	0.38	8	2	8	219	Liquid Propane (LPG)? (Y/N) Otherwise Assumed diesel
	Other Equipment?							Or temporary line power? (Y/N)
Building - Exterior		Start Date: 6/21/2030		Total phase: 100				
		End Date: 11/8/2030					Cement Trucks? Est. 66 Total Round-Trips	
1	Cranes	367	0.29	4	100	4	42572	Electric? (Y/N) Otherwise assumed diesel
2	Forklifts	82	0.2	6	100	6	19680	Liquid Propane (LPG)? (Y/N) Otherwise Assumed diesel
	Generator Sets	14	0.74			0	0	Or temporary line power? (Y/N)
2	Tractors/Loaders/Backhoes	84	0.37	8	100	8	49728	
	Welders	46	0.45			0	0	
	Other Equipment?							
Building - Interior/Architectural Coating		Start Date: 11/9/2030		Total phase: 5				
		End Date: 11/16/2030						
1	Air Compressors	37	0.48	6	5	6	533	
	Aerial Lift	46	0.31			0	0	
	Other Equipment?							
Additional Phases		Start Date:		Total phase:				
		Start Date:						
								#DIV/0!
								0
								0
								0
								0
								0

Equipment types listed in "Equipment Types" worksheet tab.

Equipment listed in this sheet is to provide an example of inputs
 It is assumed that water trucks would be used during grading
Add or subtract phases and equipment, as appropriate
Modify horsepower or load factor, as appropriate

Complete one sheet for each project component