Guaranteed Maximum Price (GMP) Package County of San Mateo South San Francisco Wellness Center 3-06-2024





Chad Hamilton Project Executive XL Construction 851 Buckeye Court Milpitas, CA 95035 408-240-6000 chamilton@xlconstruction.com

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1 - Executive Summary



Revised March 6, 2024

Ms. Jasmine Gao Capital Project Manager County of San Mateo jgao@smcgov.org

Re: County of San Mateo – South San Francisco Wellness Center Project GMP Proposal

Dear Ms. Gao,

XL Construction is pleased to provide the County of San Mateo with the attached GMP. A Basis of Estimate and Schedule have been included to provide clarity on the details and approach within the estimate. The GMP represents the competitive bids and documents which we have reviewed prior to this compilation into a singular document.

- This estimate includes the preconstruction, VOIP project, temporary parking for the Courts and the Tenant Relocation Project. These costs have been submitted to the County of San Mateo separately and have been included in the overall estimate per the County's request.
- The estimate includes General Requirements 1 and General Requirements 2 as defined within the contract. Once approved, these will be Lump Sum and billed as such.
- The total cost of insurance / bonds has been updated to include proposals for Builder's Risk Insurance and the P&P Bond. General Liability Insurance, Subcontractor Default Insurance (in lieu of individual trade bonds) and Professional Liability have been itemized as stipulated percentages or lump sum values on the summary sheet of the estimate.
- The basis of estimate includes specific contract modifications to align with the inclusions of the GMP.
- An owner allowance has been included for the tenant improvement and soil improvement scopes. These allowances are total values and will be reconciled against cost of work + insurance + fee.

While the County is completing their review of the GMP, XL Construction is proceeding with a parallel effort of coordination of the DDC scope, façade scope, MEP value engineering scope.

We look forward to working with the County of San Mateo on this amazing project and are eager to walk through this package in detail with you and your team. Please let me know if you have any questions.

Sincerely,

Chad Hamilton XL Construction Corporation Project Executive

Cc: Dan Nielsen (Colbalt), Daniel Griffiths (Cobalt), David Barron (XL), Terry Wong (XL), Jeff Herbage (XL), Sharda Singh (XL), Phill Guymer (XL), Kevin Ng (XL)

xlconstruction.com

2 - GMP Summary Report

San Mateo County Wellness Center - GMP

Wednesday, 6 March, 2024



\$1,100.87

\$85,443,123

DESCRIPTION	COST/SF	TOTAL
Division 02 - Site Construction	\$80.35	\$5,744,419
Division 03 - Concrete	\$53.05	\$3,599,223
Division 04 - Masonry	\$0.71	\$54,995
Division 05 - Metals	\$50.38	\$3,748,288
Division 06 - Wood And Plastics	\$141.76	\$10,827,862
Division 07 - Thermal And Moisture Protection	\$19.89	\$1,493,377
Division 08 - Doors And Windows	\$161.12	\$11,674,681
Division 09 - Finishes	\$90.05	\$6,577,975
Division 10 - Specialties	\$9.58	\$733,928
livision 12 - Furnishings	\$1.49	\$115,500
Division 14 - Conveying Systems	\$5.85	\$454,018
Division 15 - Mechanical	\$155.67	\$10,732,292
Division 16 - Electrical	\$137.32	\$10,457,571
Allowances	\$19.88	\$1,492,938
DIRECT TOTAL COSTS	\$872.36	\$67,707,067
	MARKUP RATE	TOTAL

TOTAL		
\$2,992,313		GENERAL REQUIREMENTS 2
\$6,326,556		GENERAL CONDITIONS
\$572,183		GENERAL REQUIREMENTS 1
\$2,120,981	3.00%	CONSTRUCTION CONTINGENCY
\$147,295		DESIGN CONTINGENCY
\$764,822		PAYMENT & PERFROMANCE BOND
\$1,445,775		BUILDERS RISK INSURANCE
\$1,449,337	2.05%	SDI, GLI & PLI
\$1,916,793	2.40%	FEE

TOTAL

	Original Preconstruction	
	0) Original Preconstruction - NTP-0	\$298,096
	Pre-GMP Change Orders	
	1) Preconstruction Services #1 - NTP-1	\$410,434
	2) Voice Over IP (VOIP) Relocation - NTP-2	\$113,996
	3) Preconstruction Services #2 - NTP-3	\$854,940
	4) Add Innerduct & Mule Tape For AT&T To Server Room NTP-4	\$13,277
	5) Probabtion Relocation Modular Office Trailers - NTP-5	\$1,247,668
	TOTAL PREVIOUSLY APPROVED SCOPES	\$2,938,411
	Additional Owner Allowances not included in Project Estimate	
	Owner Soil Improvement Allowance (not including Insurance or Fee)	\$800,000
	Owner Tenant Improvement Allowance (25,000 sf x \$320) (not including Insurance or Fee)	\$8,000,000
TOTAL PI	ROJECT COSTS (including Previously Approved Scopes)	\$97,181,53



NOTES

Tuesday, 5 March, 2024
DESCRIPTION
Division 01 - General Requirements
010000 General Requirements
015000 Temporary Facilities And Controls

Divis	ion 01 - General Requirements				\$2,992,313	\$38.55	
010	0000 General Requirements				\$2,992,313	\$38.55	
C	015000 Temporary Facilities And Controls				\$2,992,313	\$38.55	
	015200 Construction Facilities				\$2,992,313	\$38.55	
1	Mobilization/Demobilization	1	LS	\$11,372.00	\$11,372	\$0.15	
2	Protection of Existing Finishes	1	LS	\$155,951.00	\$155,951	\$2.01	
3	Travel & Lodging	1	LS	\$10,500.00	\$10,500	\$0.14	
4	Temporary Toilets, Station Sink- 2x Service/week	1	LS	\$124,592.00	\$124,592	\$1.61	
5	Fire Extinguishers & Site Fire Safety Equipment	1	LS	\$1,600.00	\$1,600	\$0.02	
6 7	Debris Boxes Temporary Fence/Phasing/Segencing	1	LS LS	\$141,524.00 \$52,955.00	\$141,524 \$52,955	\$1.82 \$0.68	
8	Temporary Roads/Parking & Staging	1	LS	\$20,000.00	\$20,000	\$0.08	
9	Temp Safety Rail/Cable/Opening/Protection & Maintenance	1	LS	\$126,000.00	\$126,000	\$1.62	
10	Temporary Power & Lighting	1	LS	\$228,891.00	\$228,891	\$2.95	
11	Forklift/Gradall - Rental	1	LS	\$109,760.00	\$109,760	\$1.41	
12	OT Foreman Supervision	1	LS	\$48,394.00	\$48,394	\$0.62	
13	Temp Heating	1	LS	\$15,000.00	\$15,000	\$0.19	
14	Gradall Driver & Site Maintenance (laborer)	1	LS	\$279,758.00	\$279,758	\$3.60	
15	Interim Cleaning Labor - Site	1	LS	\$531,784.00	\$531,784	\$6.85	
16	Water Filled Barriers (limited locations)	1	LS	\$11,000.00	\$11,000	\$0.14	
17	Carpenter Foreman - Check in, Layout, Coordination	1	LS	\$699,726.00	\$699,726	\$9.02	
18	Safety Equipment & Equipment Rentals	1	LS	\$99,220.00	\$99,220	\$1.28	
19	Site Access Equipment & Equipment Rentals	1	LS	\$184,004.00	\$184,004	\$2.37	
20	Jobsite Entrance Signage	1	LS	\$4,500.00	\$4,500	\$0.06	
21	SWPPP Install, Maintenance & Removal	1	LS	\$135,782.00	\$135,782	\$1.75	
Divis	ion 02 - Site Construction				\$5,744,419	\$74.01	
020	0000 Existing Conditions				\$88,275	\$1.14	
0	022000 Assessment				\$88,275	\$1.14	
	022100 Surveys				\$88,275	\$1.14	
22	Surveying and Staking - BID	1	LS	\$88,275.00	\$88,275	\$1.14	Sandis
310	0000 Earthwork				\$2,412,590	\$31.08	
3	310000 Earthwork				\$35,000	\$0.45	
	310500 Common Work Results For Earthwork				\$35,000	\$0.45	
23	Temporary Site Stairs & Striping	1	LS	\$35,000.00	\$35,000	\$0.45	
3	312000 Earth Moving				\$46,775	\$0.60	
	312500 Erosion and Sedimentation Controls				\$46,775	\$0.60	
24	SWPPP - QSP	1	LS	\$46,775.00	\$46,775	\$0.60	Sandis
3	316000 Special Foundations And Load-Bearing Elements				\$2,330,815	\$30.03	
	316300 Bored Piles				\$2,330,815	\$30.03	
25	Off Haul Spoils	1	LS	\$85,800.00	\$85,800	\$1.11	
26	Street Sweeping	1	LS	\$22,500.00	\$22,500	\$0.29	
27	Layout for Test Piles	1	LS	\$3,800.00	\$3,800	\$0.05	
28	Grid Layout	1	LS	\$11,200.00	\$11,200	\$0.14	
29	Soils Improvements - BID	1		\$2,207,515.00	\$2,207,515	\$28.44	Drill Tech
320	0000 Exterior Improvements			. , ,	\$3,243,554	\$41.79	
3	321000 Bases, Ballasts, And Paving				\$2,774,625	\$35.75	
	321200 Flexible Paving				\$2,774,625	\$35.75	
30	Trench Plate Rental - Utilities COW	1	LS	\$36,000.00	\$36,000	\$0.46	
31	Soils Testing - Grading COW	1	LS	\$13,844.00	\$13,844	\$0.18	
32	Pot Hole for Existing Utilities - Utilities COW	1	LS	\$20,000.00	\$20,000	\$0.26	
33	Dust Control/Street Sweeping - Grading/Off Haul	1	LS	\$52,602.00	\$52,602	\$0.68	
34	Class 2 Spoils Off Haul (off haul for other trades) - inc with bid		CY		\$0	\$0.00	
35	Patch & Repair Asphalt - Post Construction	1	LS	\$30,000.00	\$30,000	\$0.39	
36	Building & Site Demo, Grading, Paving & Utilties - BID	1	LS	\$2,723,929.00	\$2,723,929	\$35.10	Goodfellows
37	Goodfellows: Recycled AB in lieu of drain rock	-1	LS	\$101,750.00	(\$101,750)	(\$1.31)	Goodfellows
3	329000 Planting				\$468,929	\$6.04	
	329300 Plants				\$468,929	\$6.04	
38	Off Haul Material - Dirty Material that cannot be amended - Exclusion	1	LS	\$0.00	\$0	\$0.00	
39	Existing Irrigation System Investigation	1	LS	\$5,000.00	\$5,000	\$0.06	
40	Landscaping - BID	1	LS	\$463,929.00	\$463,929	\$5.98	Jensen Landscaping

QUANTITY UNIT

UNIT PRICE

TOTAL

COST/SF





DESCRIPTION	QUANTITY L	JNIT	UNIT PRICE	TOTAL	COST/SF	NOTES
Division 03 - Concrete				\$3.599.223	\$46.37	
030000 Concrete				\$3,599,223	\$46.37	
033000 Cast-In-Place Concrete				\$3,599,223	\$46.37	
033100 Structural Concrete	1	10	¢4 117 706 00	\$3,599,223	\$46.37	
 Building Concrete - BID Bothman - Concrete Buyout 		LS LS	\$4,117,706.00 \$518,483.00	\$4,117,706 (\$518,483)	\$53.05 (\$6.68)	
Division 04 - Masonry		-	,	\$54,995	\$0.71	
040000 Masonry				\$54,995	\$0.71	
042000 Unit Masonry				\$54,995	\$0.71	
042200 Concrete Unit Masonry				\$54,995	\$0.71	
43 CMU - BID	1	LS	\$49,995.00	\$49,995	\$0.64	John Jackson
44 Installation of embeds/frames		LS	\$5,000.00	\$5,000	\$0.06	
Division 05 - Metals				\$3,748,288	\$48.29	
050000 Metals				\$3,748,288	\$48.29	
051000 Structural Metal Framing				\$3,714,970	\$47.86	
051200 Structural Steel Framing				\$3,714,970	\$47.86	
45 Mesh Infill Fence Panel System 6' at Electrical Yard	1	LS	\$145,223.00	\$145,223	\$1.87	Glazier
Enclosure				. ,		
46 Auto Push Button Posts47 Operable Partition Support Steel		LS LS	\$4,000.00 \$20,000.00	\$4,000 \$20,000	\$0.05 \$0.26	Glazier Glazier
48 Cane Rails		LS	\$12,000.00	\$20,000	\$0.20 \$0.15	Glazier
49 Elevator Sill Steel	1	LS	\$10,000.00	\$10,000	\$0.13	Glazier
50 Structural Steel - BID		LS	\$3,685,747.00	\$3,685,747	\$47.49	Glazier
51 Galvanized cable tail at Terrace in lieu of base bid		LS	\$58,000.00	(\$58,000)	(\$0.75)	Glazier
AESS Finish at StairsRevise Mesh infill to Metal Infill at Trash Enclosure		LS LS	\$75,000.00 \$19,000.00	(\$75,000) (\$19,000)	(\$0.97) (\$0.24)	Glazier Glazier
54 Glazier Credits		LS	\$10,000.00	(\$10,000)	(\$0.13)	Glazier
054000 Cold-Formed Metal Framing				\$33,318	\$0.43	
054500 Metal Support Assemblies				\$33,318	\$0.43	
55 Unistrut Support for Dental Xray & Ceiling Lights - BID	1	LS	\$33,318.00	\$33,318	\$0.43	Bayside Interiors
Division 06 - Wood And Plastics				\$10,827,862	\$139.51	
060000 Wood, Plastics, And Composites				\$10,827,862	\$139.51	
061000 Rough Carpentry				\$8,690,955	\$111.98	
061300 Heavy Timber Construction				\$8,690,955	\$111.98	
56 Modeling (Innova - Manfred; by Elevated)	1	LS	\$0.00	\$0	\$0.00	
57 Mass Timber Supply & Install - BID		LS	\$8,703,455.00	\$8,703,455	\$112.14	Elevated
58 Field Sanding Wood Structure		LS	\$37,500.00	\$37,500	\$0.48	
59 Elevated (\$8.7M)	-1	LS	\$50,000.00	(\$50,000)	(\$0.64)	Elevated
062000 Finish Carpentry				\$2,136,907	\$27.53	
062200 Millwork			* ~ ~~ ~~ ~~ ~~	\$2,136,907	\$27.53	
 Millwork - BID Mission Bell: Change Laminate WV1 to Wilsonart Standard 		LS LS	\$2,261,907.00 \$125,000.00	\$2,261,907 (\$125,000)	\$29.14 (\$1.61)	Mission Bell Mission Bell
Division 07 - Thermal And Moisture Protection		20	φ120,000.00	\$1,493,377	\$19.24	
070000 Thermal And Moisture Protection				\$1,493,377	\$19.24	
075000 Membrane Roofing						
•				\$1,493,377	\$19.24	
075200 Modified Bituminous Membrane Roofing	4		¢141 707 00	\$1,493,377	\$19.24	700
62 Roof Screen63 Gutter Detail by CS Erectors		LS LS	\$141,727.00 \$128,045.00	\$141,727 \$128,045	\$1.83 \$1.65	TBD
64 Roofing & Waterproofing - BID		LS	\$1,273,605.00	\$1,273,605	\$1.05	Enterprise
65 Enterprise: Deliver Material to Site by End of 2024		LS	\$50,000.00	(\$50,000)	(\$0.64)	Enterprise
Division 08 - Doors And Windows				\$11,674,681	\$150.42	· · · · ·
080000 Openings				\$11,674,681	\$150.42	
081000 Doors And Frames				\$783,150	\$10.09	
081100 Metal Doors and Frames				\$783,150	\$10.09	
66 Door Hardware & Low Voltage/Security Coordination	1	LS	\$10,000.00	\$10,000	\$0.13	
67 Specialty Door - Staff Garden		LS	\$8,500.00	\$8,500	\$0.11	
68 Doors, Frames & Hardware - BID	1	LS	\$764,650.00	\$764,650	\$9.85	Walters & Wolf
083000 Specialty Doors And Frames				\$27,345	\$0.35	





	CRIPTION	QUANTITY UNI	UNIT PRICE	TOTAL	COST/SF	NOTES
	083700 Smoke Guard Doors			\$27,345	\$0.35	
69	Smoke Guard Door at Elevator - BID	1 LS	\$27,345.00	\$27,345	\$0.35	Smoke Guard
C	84000 Entrances, Storefronts, And Curtain Walls			\$668,821	\$8.62	
	084100 Entrances and Storefronts			\$668,821	\$8.62	
70	Endcap Condition Where Interior Vestibule Meets Facade	1 LS	\$9,000.00	\$9,000	\$0.12	
71 72	Interior Glazing - BID W&W: Veneer Alternate	1 LS -1 LS	\$746,286.00 \$86,465.00	\$746,286	\$9.62 (\$1.11)	Walters & Wolf Walters & Wolf
	188000 Glazing	-1 L3	\$60,405.00	(\$86,465) \$10,195,365	(\$1.11) \$131.36	Waiters & Woil
	•					
73	088100 Glass Glazing Exterior Skin - BID	1 LS	\$10,496,465.00	\$10,195,365 \$10,496,465	\$131.36 \$135.24	CS Erectors
74	Additonal Caulking	1 LS	\$10,490,403.00	\$58,000	\$0.75	CS LIECIOIS
75	Downspout Covers	1 LS	\$10,000.00	\$10,000	\$0.13	
76 77	CS Erectors: Alternate Vapor Barrier CS Erectors	-1 LS -1 LS	\$153,100.00 \$216,000.00	(\$153,100)	(\$1.97) (\$2.78)	CS Erectors CS Erectors
	ion 09 - Finishes	-1 L3	\$210,000.00	(\$216,000) \$6,577,975	(\$2.78) \$84.75	C3 Eleciois
	0000 Finishes			\$6,577,975	\$84.75	
C	92000 Plaster And Gypsum Board			\$3,331,372	\$42.92	
	092900 Gypsum Board			\$3,331,372	\$42.92	
78 79	Drywall Patch Back for Trades Final Clean - BID	1 LS 1 LS	\$24,520.00 \$72,588.00	\$24,520 \$72,588	\$0.32 \$0.94	MGR
80	Drywall & Insulation - BID	1 LS	\$3,319,022.00	\$3,319,022	\$0.94 \$42.76	Cal Drywall
81	Cal Drywall	-1 LS	\$84,758.00	(\$84,758)	(\$1.09)	Cal Drywall
C	93000 Tiling			\$583,700	\$7.52	
	093100 Thin-Set Tiling			\$583,700	\$7.52	
82	Escalation of Material to Meet Schedule	1 LS	\$20,000.00	\$20,000	\$0.26	
83	Ceramic Tile - BID	1 LS	\$563,700.00	\$563,700	\$7.26	Della Maggiore
C	95000 Ceilings			\$1,032,761	\$13.31	
	095100 Acoustical Ceilings			\$1,032,761	\$13.31	
84 85	Trapezing (64/A9.4.2)	1 LS 1 LS	\$33,000.00	\$33,000	\$0.43 \$14.22	Dalava
86	Acoustical Ceilings - BID Daleys: Madrid Ceiling	-1 LS	\$1,103,461.00 \$103,700.00	\$1,103,461 (\$103,700)	\$14.22 (\$1.34)	Daleys Daleys
C	96000 Flooring			\$773,079	\$9.96	
	096800 Carpeting			\$645,527	\$8.32	
87	Floor Protection	1 LS	\$15,000.00	\$15,000	\$0.19	
88	Additonal Floor Prep at Sliders	1 LS	\$19,520.00	\$19,520	\$0.25	
89	Flooring - BID	1 LS	\$611,007.00	\$611,007	\$7.87	RE Cuddie
00	096900 Access Flooring	4 10	\$107 FF0 00	\$127,552	\$1.64	
90	Access Flooring - BID	1 LS	\$127,552.00	\$127,552	\$1.64	Bayside
Ľ	99000 Painting And Coating			\$857,063	\$11.04	
0 1	099100 Painting	4 10	#50,400,00	\$857,063	\$11.04	
91 92	Interior Caulking at Interfaces with Other Trades 4th Coat at Human Zone of Glulam	1 LS 1 LS	\$53,400.00 \$10,000.00	\$53,400 \$10,000	\$0.69 \$0.13	
93	Touch-up Paint & Patch	1 LS	\$56,697.00	\$56,697	\$0.73	
94	Painting, Wallcovering & Intumescent Paint - BID	1 LS	\$736,966.00	\$736,966	\$9.50	California Drywall
Divis	ion 10 - Specialties			\$733,928	\$9.46	
100	0000 Specialties			\$733,928	\$9.46	
1	01000 Information Specialties			\$200,653	\$2.59	
	101400 Signage			\$200,653	\$2.59	
95	Additional Signage Backing	1 LS	\$7,500.00	\$7,500	\$0.10	
96	Signage - BID	1 LS	\$193,153.00	\$193,153	\$2.49	Anderson
	02000 Interior Specialties			\$533,275	\$6.87	
	102200 Partitions			\$171,125	\$2.20	
97	Operable Partition - BID	1 LS	\$171,125.00	\$171,125	\$2.20	PSI
00	102800 Toilet, Bath, and Laundry Accessories	4 10	¢200.450.00	\$362,150	\$4.67	
98 Divis	Toilet Partitions Misc. Specialty - BID	1 LS	\$362,150.00	\$362,150	\$4.67	Elevated
	ion 12 - Furnishings			\$115,500	\$1.49	
	0000 Furnishings			\$115,500	\$1.49	
1	22000 Window Treatments			\$115,500	\$1.49	





DESC	RIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	COST/SF	NOTES
	122400 Window Shades				\$115,500	\$1.49	
99	Window Coverings - BID	1	LS	\$115,500.00	\$115,500	\$1.49	Creative Windows
Divisio	on 14 - Conveying Systems				\$454,018	\$5.85	
140	000 Conveying Equipment				\$454,018	\$5.85	
14	40000 Conveying Equipment				\$438,768	\$5.65	
	140100 Operation and Maintenance of Conveying Equipment				\$438,768	\$5.65	
100	Finished Cab Protection During Construction	1	LS	\$5,000.00	\$5,000	\$0.06	
101	Elevator - BID	1	LS	\$433,768.00	\$433,768	\$5.59	KONE
14	48000 Scaffolding				\$15,250	\$0.20	
	148100 Suspended Scaffolding				\$15,250	\$0.20	
102	Stair Tower Rental - BID	1	LS	\$15,250.00	\$15,250	\$0.20	Bear Scaffold
Divisio	on 15 - Mechanical				\$10,732,292	\$138.28	
210	000 Fire Suppression				\$763,690	\$9.84	
2	11000 Water-Based Fire-Suppression Systems				\$763,690	\$9.84	
	211300 Fire-Suppression Sprinkler Systems				\$763,690	\$9.84	
103	Fire Protection - BID	1	LS	\$736,690.00	\$736,690	\$9.49	Eco Fire Sprinklers
104	BIM/Clash Detection/Deferred Design Engineering & Coordination	1	LS	\$27,000.00	\$27,000	\$0.35	
220	000 Plumbing				\$3,853,760	\$49.65	
2	20000 Plumbing				\$3,853,760	\$49.65	
	220500 Common Work Results For Plumbing				\$3,853,760	\$49.65	
105	Plumbing - BID	1	LS	\$3,802,760.00	\$3,802,760	\$49.00	Therma LLC
106	BIM/Clash Detection/Deferred Design Engineering & Coordination	1	LS	\$51,000.00	\$51,000	\$0.66	
230	000 Heating, Ventilating, And Air Conditioning (HVAC)				\$6,114,842	\$78.79	
23	30000 Heating, Ventilating, And Air Conditioning (HVAC)				\$6,114,842	\$78.79	
	230500 Common Work Results for HVAC				\$6,114,842	\$78.79	
107	HVAC & Controls - BID	1	LS	\$7,332,842.00	\$7,332,842	\$94.48	Therma
108	BIM/Clash Detection/Deferred Design Engineering & Coordination	1	LS	\$66,000.00	\$66,000	\$0.85	
109	Electric Boiler Skid Parapet Cover	1	LS	\$16,000.00	\$16,000	\$0.21	
110	Walkovers at Roof	1	LS LS	\$50,000.00	\$50,000 (\$1,000,000)	\$0.64	Thorma
111 112	Change Rooftop HVAC to Package Unit Walkovers at Roof - Defer to DPW & Owner Contingency	-1 -1	LS	\$1,000,000.00 \$50,000.00	(\$1,000,000) (\$50,000)	(\$12.88) (\$0.64)	Therma Therma
113	Therma: Plenum Rated Cable for Controls	-1	LS	\$100,000.00	(\$100,000)	(\$1.29)	Therma
114	Therma	-1	LS	\$200,000.00	(\$200,000)	(\$2.58)	Therma
Divisio	on 16 - Electrical				\$10,457,571	\$134.74	
260	000 Electrical				\$10,457,571	\$134.74	
2	61000 Medium-Voltage Electrical Distribution				\$10,457,571	\$134.74	
	260500 Common Work Results For Electrical				\$10,457,571	\$134.74	
115 116	Electrical & LV (Excluding PV) - BID BIM/Clash Detection/Deferred Design Engineering &	1 1	LS LS	\$10,598,571.00 \$59,000.00	\$10,598,571 \$59,000	\$136.55 \$0.76	Redwood Electric Group
117	Coordination Redwood Electric	-1	LS	\$200,000.00	(\$200,000)	(\$2.58)	Redwood Electric Group
	ssified Items			+,	\$1,492,938	\$19.24	
Unc	lassified Items				\$1,492,938	\$19.24	
U	nclassified Items				\$1,492,938	\$19.24	
-	012100 Allowances				\$1,492,938	\$19.24	
118	Div. 09 - Additional Painting Allowance	1	LS	\$25,000.00	\$25,000	\$0.32	Allowance
119	Div. 10 - Additional Signage Allowance	1	LS	\$10,000.00	\$10,000	\$0.13	Allowance
120	Div. 09 - Wood Ceiling System Coordination & Visual Mockup	1	LS	\$10,000.00	\$10,000	\$0.13	Allowance
121	Div. 31 - Reinforcing for DDC's	1	LS	\$250,000.00 \$7,500.00	\$250,000 \$7,500	\$3.22	Allowance
122 123	Div. 09 - Tile Layout Coordination & Visual Mockup Div. 09 - Coordination of Large Format Wall Tile at Corridor	1	LS LS	\$7,500.00 \$25,000.00	\$7,500 \$25,000	\$0.10 \$0.32	Allowance Allowance
123	Div. 09 - Framing Coordination at Exterior	1	LS	\$50,000.00	\$50,000	\$0.64	Allowance
125	Div. 08 - Enclosure Visual Mock Up	1	LS	\$150,000.00	\$150,000	\$1.93	Allowance
126	Div. 08 - Enclosure Performance Mock Up	1	LS	\$150,000.00	\$150,000	\$1.93	Allowance
127	Div. 09 - Design Co-ordination (additonal Steel Grid Line 1/B&C	1	LS	\$40,000.00	\$40,000	\$0.52	Allowance



DES	CRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	COST/SF	NOTES
128	Div. 32 - Existing Building Furnishings Disposal and Moving Allowance	1	LS	\$15,000.00	\$15,000	\$0.19	Allowance
129	Div. 09 - Slip Track - Building Movements/Locations TBD	1	LS	\$25,000.00	\$25,000	\$0.32	Allowance
130	Div. 01 - Public Art Installation Allowance	1	LS	\$215,000.00	\$215,000	\$2.77	Allowance
131	Div. 01 - Additonal Cleaning Allowance	1	LS	\$40,438.00	\$40,438	\$0.52	Allowance
132	Div. 01 - 3rd Floor TI Allowance - NIC	22,058	SF	\$0.00	\$0	\$0.00	Allowance
133	Div. 01 - 2nd Floor TI Allowance - NIC	12,480	SF	\$0.00	\$0	\$0.00	Allowance
134	Div. 01 - Overtime Allowance	1	LS	\$100,000.00	\$100,000	\$1.29	Allowance
135	Div. 33 - Relocation of Unidentified Existing Underground Utilities	1	ALW	\$50,000.00	\$50,000	\$0.64	Allowance
136	Div. 11 - Owner Furnished (OFCI) Equipment Installation Allowance	1	LS	\$55,000.00	\$55,000	\$0.71	Allowance
137	Div. 01 - Winter Weather Allowance	1	LS	\$100,000.00	\$100,000	\$1.29	Allowance
138	Div. 08 - Enclosure Testing & QC Consultant	1	LS	\$75,000.00	\$75,000	\$0.97	Allowance
139	Div. 32 - Staff Garden Metal Gate 7' Fence	1	LS	\$75,000.00	\$75,000	\$0.97	Allowance
140	Div. 01 - On Site Security Allowance	1	LS	\$75,000.00	\$75,000	\$0.97	Allowance
141	Div. 33 - DELETE - Relocation of Unidentified Existing Underground Utilities - Contingency by CoSM	-1	ALW	\$50,000.00	(\$50,000)	(\$0.64)	Allowance

3 - GMP Allowance Summary



Wednesday, 21 February, 2024

DES	CRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	COST/SF	NOTES
Uncl	assified Items				\$1,542,938	\$19.88	
Un	classified Items				\$1,542,938	\$19.88	
	Unclassified Items				\$1,542,938	\$19.88	
	012100 Allowances (To Be Administered Per The Contract T	Ferms)			\$1,542,938	\$19.88	
1	Div. 09 - Additional Painting Allowance	1	LS	\$25,000.00	\$25,000	\$0.32	Allowance
2	Div. 10 - Additional Signage Allowance	1	LS	\$10,000.00	\$10,000	\$0.13	Allowance
3	Div. 09 - Wood Ceiling System Coordination & Visual Mockup	1	LS	\$10,000.00	\$10,000	\$0.13	Allowance
4	Div. 31 - Reinforcing for DDC's	1	LS	\$250,000.00	\$250,000	\$3.22	Allowance
5	Div. 09 - Tile Layout Coordination & Visual Mockup	1	LS	\$7,500.00	\$7,500	\$0.10	Allowance
6	Div. 09 - Coordination of Large Format Wall Tile at Corridor	1	LS	\$25,000.00	\$25,000	\$0.32	Allowance
7	Div. 09 - Framing Coordination at Exterior	1	LS	\$50,000.00	\$50,000	\$0.64	Allowance
8	Div. 08 - Enclosure Visual Mock Up	1	LS	\$150,000.00	\$150,000	\$1.93	Allowance
9	Div. 08 - Enclosure Performance Mock Up	1	LS	\$150,000.00	\$150,000	\$1.93	Allowance
10	Div. 09 - Design Co-ordination (additonal Steel Grid Line 1/B&C	1	LS	\$40,000.00	\$40,000	\$0.52	Allowance
11	Div. 32 - Existing Building Furnishings Disposal and Moving Allowance	1	LS	\$15,000.00	\$15,000	\$0.19	Allowance
12	Div. 09 - Slip Track - Building Movements/Locations TBD	1	LS	\$25,000.00	\$25,000	\$0.32	Allowance
13	Div. 01 - Public Art Installation Allowance	1	LS	\$215,000.00	\$215,000	\$2.77	Allowance
14	Div. 01 - Additonal Cleaning Allowance	1	LS	\$40,438.00	\$40,438	\$0.52	Allowance
15	Div. 01 - 3rd Floor TI Allowance - NIC	22,058	SF	\$0.00	\$0	\$0.00	Allowance
16	Div. 01 - 2nd Floor TI Allowance - NIC	12,480	SF	\$0.00	\$0	\$0.00	Allowance
17	Div. 01 - Overtime Allowance	1	LS	\$100,000.00	\$100,000	\$1.29	Allowance
18	Div. 33 - Relocation of Unidentified Existing Underground Utilities	1	ALW	\$50,000.00	\$50,000	\$0.64	Allowance
19	Div. 11 - Owner Furnished (OFCI) Equipment Installation Allowance	1	LS	\$55,000.00	\$55,000	\$0.71	Allowance
20	Div. 01 - Winter Weather Allowance	1	LS	\$100,000.00	\$100,000	\$1.29	Allowance
21	Div. 08 - Enclosure Testing & QC Consultant	1	LS	\$75,000.00	\$75,000	\$0.97	Allowance
22	Div. 32 - Staff Garden Metal Gate 7' Fence	1	LS	\$75,000.00	\$75,000	\$0.97	Allowance
23	Div. 01 - On Site Security Allowance	1	LS	\$75,000.00	\$75,000	\$0.97	Allowance

The GMP Allowance Summary tracks the Allowances included in the GMP. Change order requests representing a net value of \$0 will be created and submitted for approval to transfer Allowance funds for use under separate line items.

4 - Basis Of GMP



County of San Mateo South San Francisco Wellness Center

BASIS OF GMP February 21st 2024

The GMP is based on the following documents, clarifications and allowances:

GMP Documents

DWG 2023-0711 SSFWC PERMIT SUBMITTAL – By Smith Group Dated 07-11-2023 SPECS 2023-0711 SSFWC PERMIT SUBMITTAL – By Smith Group Dated 07-11-2023 Demo Drawings: 2020-0402_SMWC-DEMO-SET – By Smith Group Dated 04-01-2020 Hazardous Material – Pre-Demolition Asbestos Survey, Lead-Based Paint Screening and Regulated Materials Assessment – By AEI Dated 06-02-2023 Medical Equipment List: Meid EQ RxR and Cutsheet Catalog - By County of San Mateo Geotechnical Report: 2020-06-01_SMWC-Geotechnical-Report Pre-Bid RFI Responses – BP2 RFI-PB-001 To 073, BP3 RFI-001 To 019, BP5 RFI-001 To 007. Site Logistics Plan – Dated 11-06-2023 BIM/VDC Execution Plan – Rev. 8 – April 2023 Basis Of Schedule Dated 12-13-2023 & Construction Schedule with a Data Date of 11-28-2023

General Clarifications

- Scope is based on the permit submittal set of drawings and specifications referenced above. The GMP includes "below the line" values which have previously been approved and are now considered part of the total project cost. Those include: preconstruction services, temporary trailer scope, VOIP relocation scope. Any added costs or impacts regarding updated documents for these scopes is not included. Underground trenching and conduits for the temporary trailer scope is not included.
- 2. The GMP includes mutually agreed modifications to the contract to update the following:
 - a. The definition of substantial completion
 - b. Update to the quantity of winter weather days within the GMP
 - c. Mutually agreed modifications to non-compensable time extension language
 - d. Updated insurance costs
- 3. XL General Conditions and General Requirements are Lump Sum. General Conditions will be billed monthly based on the total value divided by 29 months, and General Requirements will be billed monthly based on the total value divided by 26 months. General Conditions for November 2023, December 2023 and January 2024 will be billed once the full GMP has been approved.
- 4. For the purposes of change orders the prorated General Conditions per diem costs are \$7,339 per calendar day (\$6,326,556 / 862 days), and the General Requirements per diem costs are \$4,653 per calendar day (\$3,564,496 / 766 days), which will apply to schedule extensions. These per diem rates include all General Conditions costs and General Requirements costs, and exclude fee, general liability insurance, professional liability insurance, builders risk, subcontractor default insurance, bonds and direct costs. These per diem rates apply to non-contractor caused delays.



- 5. Bid insurance and Bond rate was 3%. The GMP has updated Insurance & Bonds as referenced below.
 - a. Subcontractor Default Insurance is included at a rate of 1.25%.
 - b. Professional Liability Insurance is included et a rate of 0.2%.
 - c. General Liability Insurance is included at a rate of 1.2%.
 - d. Builder's Risk Insurance is included by XL Construction for the coverage noted. The Builder's Risk Insurance policy will be purchased after the GMP has been funded. Delays in funding the GMP may impact the cost of the Builder's Risk Insurance policy. The Builders Risk Insurance policy includes 26 months of coverage. Extension of the policy will be quoted as an extension; the extension rate may vary from the base policy rate. Builder's Risk Insurance costs for change orders will be included at 2.2%. The Builder's Risk Insurance costs will be invoiced in full and paid the first month of the term.
 - e. Payment & Performance Bond coverage is included by XL Construction for 26 months. Additional bond costs for change orders will be included at 0.9%). The Payment & Performance bond costs will be invoiced in full and paid the first month of the term.
- 6. COVID impacts to worker protocols, materials, and equipment procurement are not included and provisions for vaccination requirements are not included.
- 7. A 12-month workmanship warranty from the date of substantial completion is included by XL Construction and its Trade Partners. Extended workmanship warranties are not included unless specifically noted in the Basis of GMP. Manufacturer warranties are included as indicated in the specifications. All extended warranties from manufacturers are 'pass through' warranties.
- 8. Standard working hours are between 7am and 5pm for all work except for the specific activities listed below for off-hour work. See Overtime Allowance.
 - a. Power de-energization.
 - b. Deliveries and coordination that would be highly impactful to the adjacent Courts. Solution limited to working specific Saturdays throughout the project duration.
 - c. Specific trade activities that would significantly impact other trade activities and productivity.
- 9. Pricing is based on clean soils with no hazardous materials or substances in the soil, and unrestricted reuse on site. Further soil testing and reports for the soils below the existing probation building to be provided by County of San Mateo. Removal of 500 CY of clean spoils is included.
- 10. The following work will be done by others and will be completed prior to the start of XL Construction's mobilization for construction activities.
 - a. County's scope of work for the VOIP Relocation Project. XL is responsible for the VOIP relocation scope indicated in COR-002 and 004.
 - b. Disconnection, relocation, and removal of all equipment, furniture, loose material, etcetera from existing probation building prior to demolition.
- 11. All inspections will be conducted through the County. California Department of Health Care Access and Information (HCAI) / Office of Statewide Health Planning and Development (OSHPD) inspections not anticipated or included.
- 12. The project will be fully funded at the time of GMP approval. This has been noted as 1/28/24. Delays in full funding may impact the budget and will be handled as a change order. The project schedule is based on issuances of notices to proceed for critical path procurement scopes prior to final funding.
- 13. LEED support of documentation related to Construction credits is included. LEED administration and submission to USGBC is not included.
- 14. Design, except for as required for deferred approval items listed on sheet G1.1 by Smith Group, is not included.



- 15. Work related to existing underground conditions or utilities not indicated in the documents listed above is not included, and new work is based on the site utility routings and locations indicated in the drawings.
- 16. Utility service consumption costs (water, sewer, electrical) are not included.
- 17. Fees or permitting associated with any utility connections are not included.
- 18. Stand-alone mock-ups are limited to what has been identified withing the GMP allowances. Some colors and finishes of the stand-alone mock-up may differ from selected finishes due to the procurement and installation schedule. Specifications may not align with what the County has approved for Mock-ups. All other specified mock-ups will be first-in place mock-ups for installation. A quality plan will be reviewed with the Owner and Architect.
- 19. Third-party, inspection, testing, commissioning and consultant scopes are not included with the exception of the noted Allowance for a peer review of waterproofing and thermal break details for the façade system. Commissioning assistance requirements beyond what is indicated in the specifications are not included.
- 20. The schedule is based on the availability of specified products to meet the schedule, or the use of similar or equal products for products not specified to be sole sourced.
- 21. Soil and ground water testing are not included, with the exception of testing of soils for off-haul.
- 22. All work associated with the Power Purchase Agreement (PPA) is not included. PPA provider will provide design for attachment to roof. Final details and quantities may have a cost impact and will be handled via change order to the GMP.
- 23. Plan-check, permit and encroachment permits and fees are not included.
- 24. Hazardous materials testing, unforeseen underground conditions, and consulting are not included.
- 25. Relocation of owner equipment, furniture or materials is not included.
- 26. Furnishings, fixtures and equipment (FFE), medical equipment, artwork, public art features, appliances, chairs-task arms, desks, desk lamps, etcetera are not included. Coordination with is included. An allowance for contractor installation of owner furnished equipment has been included.
- 27. Requirements related to a Project Labor Agreement are not included.
- 28. Preparation or costs for AMMR's or Engineering Judgements are not included.
- 29. Bird or bat surveys or nesting impacts are not included.
- 30. Impacts related to a 3rd party structural peer review are not included.
- 31. Winter Weather allowance will be utilized for temporary heating of the building. A limited estimate for temporary heating has been included for specific activities solely associated with the early work within the IDF and Main Electric rooms.
- 32. The GMP does not include anticipated impacts to the budget or schedule due to revised direction associated with the Value Engineering options presented by Trade Partners. Impacts to Budget and Schedule will be evaluated at the time in which those decisions have been made.
- 33. User requests accepted by the County that change the design documents will be a change order.
- 34. Buyout of L2 and L3 tenant improvements not included in the referenced drawings is not included. If L2 and L3 tenant improvement scope is added at a later date, this will be via change order to trade partners who have been awarded scope on the Primary Project.
- 35. Work impacted by any movement of existing easements will be addressed via change order.
- 36. The project schedule and budget anticipate power being provided to the temporary trailer to support the occupants' move into the trailer.
- 37. The design of an emergency back-up generator is in progress. All work associated with an emergency back-up generator or battery back-up system is not included.



Demolition Clarifications

- Abatement or removal of household waste that is not specifically indicated in the Pre-Demolition Asbestos Survey, Lead-Based Paint Screening and Regulated Materials Assessment – By AEI Dated 06-02-2023, is not included.
- 2. Vibration, subsidence, and/or noise monitoring is not included.
- 3. Demolition includes removal of a slab on grade that is 6" thick and perimeter footing thate are 5 CY/LF.

Grading and Paving Clarifications

- GMP includes 13" transfer platform for the slab on grade. This scope includes excavation below existing building and associated off haul. GMP assumes 43.00' elevation of grading below existing building. 43.00' will be the working elevation for the pad for the DDCs.
- 2. Recycled asphalt base is included for base rock.
- 3. A total of four onsite mobilizations have been included for the earthwork scope (one for demo, one for rough grading, two for paving). One offsite mobilization has been included for the earthwork.

Ground Improvement Clarifications

- Ground improvement elements to be set at 5-ft on center spacing in a rectangular grid pattern. Elements will be drilled to a depth of 15 feet below the organic layer producing an average depth of 43 feet below the ground surface. The DDC depth range is expected to span 51' bgs and 35' bgs based on the 2 bore log data points provided in the geotechnical exploration report. DDCs will be 18" diameter and backfilled with 1500 psi ready mix grout.
- 2. A quantity of (2) test piles, 8 sacrificial reaction piles, 2 compression tests, and 1 modulus test are included. Any additional testing to be by the County.
- 3. Over-excavation and re-compaction below building pad is not included.
- 4. The scope assumes the following as it relates to Soil Improvement: Working grade for drill rigs will be existing grade at an elevation between 43' and 44', DDC's will be installed at varied elevations dependent on what element they are to support. 13" Load Transfer Pad (LTP) will be installed at the bottom of each footing to the extent of the footing excavation. Installation of slab on grade DDC's adjacent to deep foundations will occur after backfill of deep foundations. A 13" LTP that will double as the capillary break to be installed under full extent of slab on grade.
- 5. The GMP assumes that the test pile is completed by equipment suitable for the work. The completion of the DDCs once approved by the County will be completed by an equivalent piece of equipment. The GMP does not include 'dead time' for the same piece of equipment to remain onsite between the test pile and the project work. A mobilization is included for the test piles, and a second mobilization is included for the DDC production scope.
- 6. Reinforcement steel for DDCs is not included outside of the "Reinforcing for DDC's" Allowance. The "Reinforcing for DDC's" Allowance is included as noted because CPT testing and review and design is currently in progress.

Drywall & Metal Framing Clarifications

Walls to be finished 10' above finish floor at 2nd and 3rd floor shell space. Additional finishing above 10' can be added as applicable via change order if 2nd and 3rd floor tenant improvement scope is added at a later date.



Doors And Opening Clarifications

1. Keying and lockset cores are not included. Temporary construction cores and temp doors are included for electrical rooms and exterior doors as applicable.

Roofing Clarifications

1. A quantity of 386ea of detail 56/A5.0.3 is included for PV panel attachment. The quantity is not currently clearly defined.

Ceiling Clarifications

1. LWP-1 and 2 are included as a Armstrong custom product VG hemlock veneer. Armstrong # 7097 and 7099 indicated on plans is not a hemlock veneer product.

Painting Clarifications

1. Sanding and Sansin finish coat is included at exposed locations only.

Specialties & Equipment Clarifications

- 1. Installation of equipment noted to be owner furnished and contractor installed is not included. An allowance is included for owner furnished equipment.
- 2. Interior signage manufactured, furnished and installed by Andresen is included. Drawings and specifications do not list manufacturers.
- 3. Elevator smoke guard is specified as model M200 with battery backup; however this does not exist. Scope includes similar model M400B with the battery backup option.
- 4. Modernfold encore manual operable wall with STC 56 rating is included. Specifications reference STC 60; however, the highest STC rating available is 56.
- 5. No visual display units or marker boards are shown in the drawings on walls and none are included. There are references to these scopes in the specifications.

Exterior Façade Clarifications

- 1. Window washing infrastructure or equipment is not included.
- 2. Warranty durations beyond the standard manufacturer warranty are not included. The warranty durations for doors are longer than manufacturer or industry standard and are not included.

Mass Timber & Rough Carpentry Clarifications

- Side nailers and glulam wraps to beams per detail 6/S5.5.2 at the 2nd and 3rd floor shell spaces are not included. This can be added via change order at a later date if tenant improvement scope is added at the 2nd and 3rd floor shell spaces.
- 2. Douglas Fir species is included for Glulams and Spruce/Pine/Fir for CLT. Specification section 061800 references Douglas Fir for glulams and 061543 references Spruce/Pine/Fir for CLT thus species may be dissimilar.
- 3. Shipping to project site is included; costs associated with storage are not included. It is assumed materials will be shipped to the project site and installed as indicated in the schedule without storage.
- 4. A fire wrap of the timber within the raised access floor is not included as this is not anticipated as a requirement due to the height of the floor system.
- 5. Forrest Stewardship Council (FSC) products or certification are not included.



6. Shoring is not expected to support the 3ply CLT during the concrete topping slab installation. If the structural engineer notes that deflection of the CLT will require shoring, this will be a change order to the project.

Elevator Clarifications

1. Elevators included are KONE standard side-opening cars which are gurney-compliant in lieu of the nongurney-compliant cars depicted, include KONE 24/7 Emergency Communications system, and include a speed of 200 feet per minute.

Sitework Clarifications

- 1. Repairs, adjustments, or upgrades to the existing backflow preventor device at Grand Avenue are not included. Assumes it is in working order and sufficient for new requirements.
- 2. Pruning or fertilizing of existing trees to remain within tree protection fencing is not included.
- 3. Work for SWPPP risk level 1 is included as recommended by the selected QSD bidder. C3.4 "General Notes Related to 2009 SWPPP Requirements" note #3 indicates the risk level for this site is risk level 3.
- 4. No soil or topsoil import is included. Amendment of existing soils per the specifications is included.
- 5. Photovoltaic structures, raceways not shown in the drawings, and photovoltaic equipment for the site are not included.
- 6. New AC paving is included in Phase 1 where a grind and overlay is indicated. Slurry seal is included in Phase 2.
- 7. Time or cost impacts associated with archeology, paleontology, or unforeseen underground discoveries or procedures are not included.
- 8. Asphalt repairs and modifications at Owner's trailer complex after trailer demobilization is not included.

Landscaping & Irrigation Clarifications

- 1. Trimming and maintenance of existing trees shall be by the County. Keeping the trees alive within the construction fencing is included, and work outside the construction fencing will be completed by the County.
- 2. No work is indicated for areas noted as protected and no work is included. Appropriate tie-in to these areas is included.
- 3. No work is included for repairs to existing irrigation systems. The GMP includes new irrigation system as noted on the plans.
- 4. Plant spacing not shown on the drawings is included based on 25% for native grass mix and the stormwater treatment area, and 33% for perennials.

Owner Allowances

Various Owner Allowances are included in the GMP. Owner Allowances are included to cover certain known but less-defined elements of the work or areas known that need to be incorporated. Because their scopes are not fully defined, and to some extent owner-decision generated, they are budgets. Use of Owner Allowances will be upon owner approval as a transfer within the GMP. Any unused funds within the Owner Allowance line items may be transferred to other owner-directed uses or credited to the GMP. Any costs in addition to the Owner Allowance line items will be added via change order. See Owner Allowance list in GMP Summary Report.

END OF BASIS OF GMP

5 - Letters Of Recommendation & Bid Tally Sheets

Letters Of Recommendation, Bid Tally Sheets & Bids

LORs, Bid Tallys & Bids (No Expiration) Password: Xes4D8cd https://xlconstruction.egnyte.com/fl/dxIMaAMQr8/LORs%2C_Bid_Tallys_%26_Bids_

6 - General Conditions & General Requirements



Revised February 12th, 2024

Ms. Jasmine Gao Sr. Project Manager County of San Mateo

Re: County of San Mateo – South San Francisco Wellness Center Letter of Recommendation – General Conditions

Jasmine:

Below for your review is XL Construction's Letter of Recommendation for the General Conditions.

The **General Conditions** are based upon the Project schedule with a 11/28/2023 data date. The basis of the **General Conditions** has been captured in the Basis of GMP for further clarification.

The following values shall be lump sum:

• General Conditions

\$6,326,556

Please confirm the above by returning this recommendation letter with your signature below. The above values will be reflected in the GMP.

Approved by:_____

Date:

Sincerely, XL Construction Corp. Jeff Herbage Senior Project Manager

CC: Chad Hamilton (XL), David Barron (XL), Dan Nielsen (Colbalt)

Attachments:

General Conditions Summary 2023.12.12 General Conditions Hours 2023.12.12 General Conditions Staffing Summary 2023.12.12 Rate Sheets (XL Construction, Bradley, Elevated, Arrow)

COSM SSF Wellness Center General Conditions Hours 12-12-2023

				202	3			2	024													202	5												2026	3						
Job Title	Name	Hour	ly Equiv	N 11	D 7	Total Hours	Iourly Eq	uiv 1	F 2	M 3	A 4	M 5	J 6	J 7	A 8	S (9 1)) N 0 11	D 12	Total Hours	Hourl	y Equiv	J 1	F 1 2	M A 3 4	M M	J 6	J 7	A 8	S 9	0 N 10 1	D 1 12	Total Hour	Hourly	Equiv	J 1	F M 2 3	I A 5 4		otal ours	Total Proj - Hrs	Т	otal Labor
Project Management																																										
Sr. Project Manager	Jeff Herbage	\$	210.64	173	73 3	346.00 \$	\$ 221	.17 17	3 173	173	173	173	173	173	173 1	73 17	3 173	3 173	3 2076	\$	232.23	173	173 1	73 17	73 173	3 173	173	173	173 1	73 17	3 173	2076	\$ 2	43.84	173	87		2	260	4758	\$	1,077,527.95
Sr. Project Engineer / Snr Field Engineer / Senior	CoTBD, 2nd For Deferred Approvals	\$	134.00	173	73 3	346.00 \$	5 140	.70 17	3 173	173	173	173	173	173	173 1	73 17	3 173	3 173	3 2076	\$	147.74	173	173 1	73 17	73 173	3 173	173	173	173 1	73 17	3 173	2076	\$ 1	55.12	173 1	173 173	73 87	6	506	5104	\$	739,158.84
Project Engineer / Field Engineer / Cost Engineer	TBD	\$	130.00			0.00 \$	5 136	.50		173	173	173	173	173	173 1	73 17	3 173	3 173	3 1730	\$	143.33	173	173 1	73 17	173 173	3 173	173	173	173 1	73 17	3 173	2076	\$ 1	50.49					0	3806	\$	533,687.70
Lead Project Admin	TBD	\$	125.00			0.00 \$	\$ 131	.25 17	3 173	173	173	173	173	173	173 1	73 17	3 173	3 173	3 2076	\$	137.81	173	173 1	73 17	173	3 173	173	173	173 1	73 17	3 173	2076	\$ 1	44.70	173 1	173 17	73 173	6	592	4844	\$	658,708.31
Field Management	Total Project Management Hours			346 3	46			519	9 519	692	692	692	692	692 (692 69	92 69	2 692	2 692				692	692 6	92 69	2 692	. 692	692	692	692 6	92 69	2 692				519 4	33 34	6 260	0				
Sr. Superintendent	David Barron	\$	224.18	173	73 3	346.00 \$	\$ 235	.39 17	3 173	173	173	173	173	173	173 1	73 17	3 173	3 173	3 2076	\$	247.16	173	173 1	73 17	173 173	3 173	173	173	173 1	73 17	3 173	2076	\$ 2	59.52	173	87		2	260	4758	\$	1,146,821.83
Assistant Superintendent	Colin Braun	\$	165.64			0.00 \$	\$ 173	.92										173	3 173	\$	182.62	173	173 1	73 17	173	3 173	173	173	173 1	73 17	3 173	2076	\$ 1	91.75	173 1	173 17	3 87	6	506	2855	\$	525,397.33
General Superintendent	Randy Eissner	\$	274.70	32	32	64.00 \$	\$ 288	.44 32	2 32	8	8	8	8	8	8	8 8	8	8	144	\$	302.86	8	8	8 8	8 8	8	8	8	8	8 8	8	96	\$ 3	18.00	8	4			12	316	\$	92,006.52
Vice President / Project Executive / Director	Chad Hamilton Plus Others	\$	281.02	104	04 2	208.00 \$	\$ 295	.07 10-	4 104	104	104	104	104	104	104 1	04 10	4 104	4 104	1248	\$	309.82	104	69 (69 69	9 69	69	- 69	69	69	59 6	9 69	863	\$ 3	25.31	69 3	35		1	04	2423	\$	727,905.72
MEP Manager	Joe Lee	\$	211.00			0.00 \$	\$ 221	.55 70) 70	70	70	50	50	50	50 5	50 5	0 50	50	680	\$	232.63	50	50 5	50 50	0 50	50	50	50	50 1	00 10	0 100	750	\$ 2	44.26	100 5	50		1	50	1580	\$	361,763.46
Scheduler	Tommy Eissner	\$	183.14			0.00 \$	5 192	.29	8	8	8	8	8	8	8	8 8	8	8	88	\$	201.91	8	8	8 8	8 8	8	8	8	8	8 8	8	96	\$ 2	12.00	8	4			12	196	\$	38,848.70
Sustainability Manager	Wiley Gross & Ali Flynn	\$	210.50			0.00 \$	\$ 221	.03	18	18	18	18	18	18	18 1	8 1	8 18	18	198	\$	232.08	18	18	18 1	8 18	18	18	18	18	18 1	8 18	216	\$ 2	43.68	18	18 9	,	1	45	459	\$	104,857.02
Safety Engineer	TBD	\$	147.00			0.00 \$	\$ 154	.35											0	\$	162.07											0	\$ 1	70.17	0				0	0	\$	0.00
Safety Manager	TBD	\$	159.00			0.00 \$	5 166	.95	76	76	76	76	76	76	76 7	76 7	6 76	5 76	836	\$	175.30	76	76	76 7	6 76	76	76	76	76	76 7	6 76	912	\$ 1	84.06	76	35		1	11	1859	\$	319,872.44
	Total Field Hours			309	309		-	37	9 481	457	457	437	437	437	437 4	37 43	7 43	7 610)			610	575 5	75 57	75 575	5 575	575	575	575 6	25 62	5 625				798 4	406 18	82 87	0				
Total (Excludes Pre Con)				655	655			8	98 1000	1149	1149	1129	1129	1129	1129 1	129 11	29 11	29 130	02			1302	1267 1	267 12	267 120	67 1267	1267	1267	1267 1	317 13	17 131	7			1317	839 5	528 347	0		33131	s	6,363,709



CoSM SSF Wellness Center General Conditions Staffing Summary

12-12-2023

Buyout General Conditions 2 10 11 12 13 14 15 16 17 18 19 20 21 23 25 26 1 3 4 9 22 24 8 Office Staff PX: Chad Deliverables Tracking and Management Budget Tracking and Contract Management Staffing Management Sr. Project Manager: Jeff Modular Trailer Demo / Abatement Timber Design Timber Erection Test Pile Program Temp Roof Roofing Steel Coordination Steel Erection Elevator Install Elevator Submittals -i Subcontract Management Budget Management Sr. Project Engineer: Sean Mechanical / Plumbing / Submittals Underground Utilities Mech /Plumb Rough in MEP Finishes Electrical Submittals Underground Conduit Electrical Rough in Facade design, mock-up testing Framing coordination Framing (exterior and interior) Drywall Fire Sprinkler design coordination Weekly Meetings: OAC Project Engineer #1 PGE Project Submittals Sitework Interior Finishes Construction nterior Procurement / Coordination Punchlist & Closeout Document Management Weekly Meetings: Foreman Project Administrator Contracts and Insurance Administration Document Management Pay Applications Field Staff General Superintendent Field oversight and support Sr. Superintendent: David Modular Trailer Site Abatement DDCs DDCs Fdns and Underground Steel Timber Erection Primary Framing Secondary Framing Interior Build out Concrete Foundations Utility Yard Schedule Management Assist Superintendent: Colin Sitework Focused Trades PV Coordinaation Roof Coordination Inspections Coordination MEP Manager MEP & F/S Submittals and Coord. Field QA/QC Interior Coordination and QA/QC Cx, Testing, Balancing, Sign-Offs PGE Coordination Sustainability Manager LEED Point Administration with Subs LEED Point Administration with Subs LEED Submission Scheduler Schedule QA/QC Suppor Safety Manager Site Safety Orientations, Management, Safety Plan -

CoSM SSF Wellness Center 1024 Mission, South San Francisco Direct Staff Rates Sheet

XL
CONSTRUCTION
2/16/2024

	2023 - Bay Area	2024	2025	2020	2027
<u>Position</u>	2023	2024	2025	2026	2027
Vice President / Project Executive / Director	\$281.02	\$295.07	\$309.82	\$325.31	\$341.58
General Superintendent	\$274.70	\$288.44 \$221.17	\$302.86	\$318.00 \$243.84	\$333.90
Sr. Project Manager	\$210.64		\$232.23 \$203.48		\$256.03
Project Manager	\$184.56	\$193.79		\$213.66	\$224.34
MEP Manager	\$211.00	\$221.55	\$232.63	\$244.26	\$256.47
Assistant Project Manager	\$156.00	\$163.80	\$171.99	\$180.59	\$189.62
Sr. Project Engineer / Snr Field Engineer / Senior Cost Engineer	\$134.00	\$140.70	\$147.74	\$155.12	\$162.88
Sr. MEP Project Engineer	\$149.00	\$156.45	\$164.27	\$172.49	\$181.11
Project Engineer / Field Engineer / Cost Engineer	\$130.00	\$136.50	\$143.33	\$150.49	\$158.02
MEP Project Engineer	\$145.00	\$152.25	\$159.86	\$167.86	\$176.25
Sr. Superintendent	\$224.18	\$235.39	\$247.16	\$259.52	\$272.50
Superintendent	\$185.52	\$194.79	\$204.53	\$214.76	\$225.50
Assistant Superintendent	\$165.64	\$173.92	\$182.62	\$191.75	\$201.33
Sr Safety Manager	\$173.00	\$181.65	\$190.73	\$200.27	\$210.28
Safety Manager	\$159.00	\$166.95	\$175.30	\$184.06	\$193.27
Safety Engineer	\$147.00	\$154.35	\$162.07	\$170.17	\$178.68
MEP Coordinator	\$173.00	\$181.65	\$190.73	\$200.27	\$210.28
Sr. Project Accountant	\$125.00	\$131.25	\$137.81	\$144.70	\$151.94
Project Accountant	\$115.00	\$120.75	\$126.79	\$133.13	\$139.78
Project Admin Manager	\$135.00	\$141.75	\$148.84	\$156.28	\$164.09
Lead Project Admin	\$125.00	\$131.25	\$137.81	\$144.70	\$151.94
Sr. Project Administration	\$115.00	\$120.75	\$126.79	\$133.13	\$139.78
Project Administration	\$105.00	\$110.25	\$115.76	\$121.55	\$127.63
Senior Preconstruction Manager	\$259.97	\$272.97	\$286.61	\$300.94	\$315.99
Preconstruction Manager	\$233.66	\$245.34	\$257.60	\$270.48	\$284.01
Chief Estimator	\$281.02	\$295.07	\$309.82	\$325.31	\$341.58
Sr. Estimator	\$203.13	\$213.29	\$223.95	\$235.15	\$246.91
Estimator	\$185.24	\$194.50	\$204.23	\$214.44	\$225.16
MEP Estimator	\$224.18	\$235.39	\$247.16	\$259.52	\$272.50
VDC Group Manager	\$237.87	\$249.76	\$262.25	\$275.36	\$289.13
VDC Project Manager	\$191.56	\$201.13	\$211.19	\$221.75	\$232.84
VDC Coordinator	\$175.77	\$184.56	\$193.78	\$203.47	\$213.65
VDC Field Technician	\$126.30	\$132.62	\$139.25	\$146.21	\$153.52
BIM Specialist	\$109.46	\$114.93	\$120.68	\$126.71	\$133.05
Sustainability Manager	\$210.50	\$221.03	\$232.08	\$243.68	\$255.86
Sustainability Specialist	\$175.77	\$184.56	\$193.78	\$203.47	\$213.65
Sr Scheduler	\$224.18	\$235.39	\$247.16	\$259.52	\$272.50
Scheduler	\$183.14	\$192.29	\$201.91	\$212.00	\$222.60
Lean Facilitator	\$281.02	\$295.07	\$309.82	\$325.31	\$341.58
Sr. Carpenter Foreman	\$156.00	\$163.80	\$171.99	\$180.59	\$189.62
Carp. Foreman	\$147.35	\$154.72	\$162.45	\$170.58	\$179.10
Carpenter	\$138.93	\$145.88	\$153.17	\$160.83	\$168.87
Senior Labor Foreman	\$122.00	\$128.10	\$134.51	\$141.23	\$148.29
Labor Foreman	\$112.62	\$118.25	\$124.16	\$130.37	\$136.89
Laborer	\$103.15	\$108.30	\$113.72	\$119.40	\$125.37
Shop Staff	\$87.36	\$91.73	\$96.31	\$101.13	\$106.18

Notes:

Labor rates are fully burdened with salary, wages, benefits, bonuses, commute vehicles and fuel, cell phones and taxes. Employees are paid prevailing wage or higher and receive competitive compensation to ensure highly qualified staff.

The Social Security National Average Wage Index for 2019 is 54,099.99, and for 2022 is 63,795.13, which is for the most recent year available, and this differences calculates to an average annual increase of over 5.6% per year over the last 3 years with available data (

https://www.ssa.gov/OACT/COLA/AWI.html). The 2023 labor rates are based on increases from 2019 that average less than 5% per year, and the escalation for future years is based on the 2023 rates and increases of 5% each year, which are below the referenced calculated Social Security National

RFP TO GMP LABOR RATES COMPARISON

THIS DOCUMENT IS FOR REFERENCE ONLY AND SHOWS THE ESCALATED RATES BETWEEN 2019 AND 2023. REFER TO THE DIRECT STAFF RATES SHEET FOR THE RATES TO BE INCLUDED IN THE GMP AND ASSOCIATED CONTRACT AMENDMENT.

XL CONSTRUCTION

B 111		2019		2020		2021		2022	2	023 GMP	
Position		Rates		5%		5%		5%			
Principal	\$	270	\$	284	\$	298		313			
Project Exec/VP	\$	241	\$	253	\$	266	\$	279	\$	281.02	117%
Gen Supt	\$	237	\$	249	\$	261	\$	274	\$	274.70	116%
Sr. Project Manager	\$	179	\$	188	\$	197	\$	207	\$	210.64	118%
Project Manager	\$	148	\$	155	\$	163	\$	171	\$	184.56	125%
Assistant Project Manager									\$	156.00	
Sr. Project / Field / Cost Engineer	\$	112	\$	118	\$	123	\$	130	\$	134.00	120%
Project / Field / Cost Engineer	\$	108	\$	113	\$	119	\$	125	\$	130.00	120%
Sr. Supt	\$	191	\$	201	\$	211	\$	221	\$	224.18	117%
Superintendent	\$	154	\$	162	\$	170	\$	178	\$	185.52	120%
Asst Supt	\$	135	\$	142	\$	149	\$	156	\$	165.64	123%
Director of Risk Management	\$	190	\$	200	\$	209		220			
Sr Safety Manager									\$	173.00	
Safety Manager									\$	159.00	
Safety Engineer	\$	123	\$	129	\$	136	\$	142	\$	147.00	120%
MEP Mgr / Coordinator	\$	159	\$	167	\$	175		184	\$	211.00	133%
Project Administration	\$	94	\$	99	\$	104		109	\$	105.00	133%
Sr. Project Accountant	Ŷ	51	Ŷ	55	Ŷ	101	Ŷ	105	\$	125.00	112/0
Project Accountant									\$	115.00	
Project Admin Manager									\$	135.00	
Lead Project Admin									\$	125.00	
Sr. Project Administration									\$	115.00	
Precon Manager	\$	199	ć	209	\$	219	ć	230	\$	233.66	117%
Chief Estimator	Ş	199	Ş	209	Ş	219	Ş	250	\$ \$	233.00	11770
Sr Estimator	ć	170	ć	100	ć	101	ć	200			1170/
	\$	173	\$		\$	191			\$	203.13	117%
Estimator	\$	156	\$	164	\$	172		181	\$	185.24	119%
MEP Estimator	\$	191	\$	201		211		221		224.18	117%
BIM Director	\$	197	\$	207	\$	217		228	\$	237.87	121%
BIM PM	\$	162	\$	170	\$	179	Ş	188	\$	191.56	118%
VDC Coordinator			,						\$	175.77	
BIM Specialist	\$	121	\$	127	\$	133		140	\$	109.46	90%
Sustainability Manager	\$	183	\$	192	\$	202	\$	212	\$	210.50	115%
Sustainability Specialist									\$	175.77	
Sr Scheduler									\$	224.18	
Scheduler	\$		\$		\$	171		179		183.14	118%
Lean Facilitator	\$	250	\$	263	\$	276	\$	289		281.02	112%
Sr. Carpenter Foreman									\$	156.00	
Carp. Foreman	\$	132	\$	139	\$	146	\$	153	\$	147.35	112%
Carpenter	\$	123	\$	129	\$	136	\$	142	\$	138.93	113%
Senior Labor Foreman									\$	122.00	
Labor Foreman	\$	101	\$	106	\$	111	\$	117	\$	112.62	112%
Laborer	\$	92	\$	97	\$	101	\$	107	\$	103.15	112%
Shop Driver	\$	78	\$	82	\$	86	\$	90	\$	87.36	112%
Average Rate	\$	160	\$	169	\$	177	\$	186	\$	174.15	
Escalation from Bid Rate to GMP Rate											117%

Notes:

Notes: Labor rates are fully burdened with salary, wages, benefits, bonuses, commute vehicles and fuel, cell phones and taxes. Employees are paid prevailing wage or higher and receive competitive compensation to ensure highly qualified staff. The Social Security National Average Wage Index for 2019 is 54,099.99, and for 2022 is 63,795.13, which is for the most recent year available, and this differences calculates to an average annual increase of over 5.6% per year over the last 3 years with available data (https://www.ssa.gov/OACT/COLA/AWI.html). The 2023 labor rates are based on increases from 2019 that average less than 5% per year, and the escalation for future years is based on the 2023 rates and increases of 5% each year, which are below the referenced calculated Social Security National Average increase Average increase.

PROJECT NAME	County of San Mateo South San Francisco Wellness Center	PROJECT NO.	
CONTRACTOR	XL Construction	CONTRACT NO.	
SUBCONTRACTOR		DATE	For 2023

(Reference 'Document 01 2600' in your contract. Certified payrolls required for all workers on Project. Contractor shall enter data into all fields highlighted in yellow; for fields highlighted in blue, data will automatically populate.

TRADE:	Carpenters		CLASSIFICATION: Foreman					Foreman	
		Rate		Union Wage Rate					
ltem		Per \$100	Regular Time			Overtime		ouble Time	Notes
Base Labor Rate	Benefit Benefit	-	\$	66.43	\$	99.65	\$	132.86	Use certified payroll to verify.
Fringe Benefits:	Paid Provided (put X in appropriate box)	4							
Pension ¹	(put × in appropriate box)	1		11.25		11.25		11.25	
Health/Welfare ¹	X	1		12.49		12.49		12.49	
Training/Certification ¹	Х	1		1.19		1.19		1.19	
Vacation/Holiday ¹	X	1		5.58		5.58		5.58	
Other	X	1		3.30		3.30		3.30	
Fringe Benefits Subtotal			\$	33.81	\$	33.81	\$	33.81	
Total PW Hourly Rate			\$	100.24	\$	133.46	\$	166.67	= Base Labor Rate + Benefits Paid + Benefits Provided
Benefits Paid			\$	5.58	\$	5.58	\$	5.58	
Total Paid Hourly Rate			\$	72.01	\$	105.23	\$	138.44	= Base Labor Rate + Benefits Paid
Burden: Taxes & Insurance ²									Should not be more than CalTrans labor surcharge.
FICA		0.0620		4.46		6.52		8.58	
Medicare		0.0145		1.04		1.53		2.01	
Federal Unemployment		0.0080		0.58		0.84		1.11	
California Unemployment				-		-		-	Maximum - 0.062.
Workers Compensation ¹				1.24		1.24		1.24	Usually less than 11%; can request policy.
Other ¹				39.79		39.79		39.79	
Other ¹				-		-		-	
Burden Subtotal			\$	47.11	\$	49.92	\$	52.73	
Contractor Liability Insurance				N/A		N/A		N/A	Included in OH&P per CGC
Small Tools				N/A		N/A		N/A	Included in OH&P per CGC
Other (warranty, record drawings, payment bonds, performance bonds	, etc.)			N/A		N/A		N/A	Included in OH&P per CGC
TOTAL HOURLY RATE (Total Hou	rly Rate + Burden)		\$	147.35	\$	183.38	\$	219.40	= Amount Contractor paid to employee

Note: For change order work, mark-ups for overhead and profit shall be applied to the above rates (these rates are subject to audit) in accordance with the provisions of CGCs, under 'Change Orders'. Mark-up rates for utility repair work shall be adjusted in accordance with the CGCs, under 'Contractor's Responsibility for the Work', subsection 'e-Utilities'.

¹ Costs for Overtime and Double Time are same as for Regular Time.

By signing below, the submitter certifies and declares under penalty of perjury under the laws of the State of California that the foregoing is true and correc									
Rates certified by:		Company Name:	XL Construction						
	(print name)								
Signature:									

PROJECT NAME	County of San Mateo South San Francisco Wellness Center	PROJECT NO.	
CONTRACTOR	XL Construction	CONTRACT NO.	
SUBCONTRACTOR		DATE	For 2023

(Reference 'Document 01 2600' in your contract. Certified payrolls required for all workers on Project. Contractor shall enter data into all fields highlighted in yellow; for fields highlighted in blue, data will automatically populate.

TRADE:	Carpenter							Journeyman	
		Rate		Union Wage Rate					
ltem		Per \$100	Regular Time			Overtime		Double Time	Notes
Base Labor Rate	Benefit Benefit		\$	60.39	\$	90.59	\$	120.78	Use certified payroll to verify.
	Paid Provided	_							
Fringe Benefits: Pension ¹	(put X in appropriate box)	-		11.05					
Pension Health/Welfare ¹	X	-		11.25		11.25		11.25	
	X	-		12.49		12.49		12.49	
Training/Certification ¹	X	-		1.19		1.19		1.19	
Vacation/Holiday ¹ Other	X X	-		5.58 3.30		5.58 3.30		5.58 3.30	
Fringe Benefits Subtotal	^	-	\$		\$	33.81	\$	33.81	
Thinge Benefici Cabiota			Ψ	00.01	Ψ	00.01	Ψ	00.01	
Total PW Hourly Rate			\$	94.20	\$	124.40	\$	154.59	= Base Labor Rate + Benefits Paid + Benefits Provided
Benefits Paid			\$	5.58	\$	5.58	\$	5.58	
Total Paid Hourly Rate			\$	65.97	\$	96.17	\$	126.36	= Base Labor Rate + Benefits Paid
Burden: Taxes & Insurance ²									Should not be more than CalTrans labor surcharge.
FICA		0.0620		4.09		5.96		7.83	
Medicare		0.0145		0.96		1.39		1.83	
Federal Unemployment		0.0080		0.53		0.77		1.01	
California Unemployment				-		-		-	Maximum - 0.062.
Workers Compensation ¹				1.11		1.11		1.11	Usually less than 11%; can request policy.
Other ¹				38.05		38.05		38.05	
Other ¹				-		-		-	
Burden Subtotal			\$	44.73	\$	47.29	\$	49.84	
Contractor Liability Insurance				N/A		N/A		N/A	Included in OH&P per CGC
Small Tools				N/A		N/A		N/A	Included in OH&P per CGC
Other (warranty, record drawings, payment bonds, performance bonds, e	tc.)			N/A		N/A		N/A	Included in OH&P per CGC
TOTAL HOURLY RATE (Total Hourly	/ Rate + Burden)		\$	138.93	\$	171.68	\$	204.43	= Amount Contractor paid to employee

Note: For change order work, mark-ups for overhead and profit shall be applied to the above rates (these rates are subject to audit) in accordance with the provisions of CGCs, under 'Change Orders'. Mark-up rates for utility repair work shall be adjusted in accordance with the CGCs, under 'Contractor's Responsibility for the Work', subsection 'e-Utilities'.

¹ Costs for Overtime and Double Time are same as for Regular Time.

By signing below, the submitter certifies and declares under penalty of perjury under the laws of the State of California that the foregoing is true and correc									
Rates certified by:		Company Name:	XL Construction						
	(print name)								
Signature:									

PROJECT NAME	County of San Mateo South San Francisco Wellness Center	PROJECT NO.	
CONTRACTOR	XL Construction	CONTRACT NO.	
SUBCONTRACTOR		DATE	For 2023

(Reference 'Document 01 2600' in your contract. Certified payrolls required for all workers on Project. Contractor shall enter data into all fields highlighted in yellow; for fields highlighted in blue, data will automatically populate.

TRADE:	Laborer		CLASSIFICATION:						Foreman
		Rate		Union Wage Rate					
Item		Per \$100		Regular Time		Overtime		Double Time	Notes
Base Labor Rate	Benefit Benefit	-	\$	41.13	\$	61.70	\$	82.26	Use certified payroll to verify.
Educe Development	Paid Provided	4							
Fringe Benefits: Pension ¹	(put X in appropriate box)	1		9.96		9.96		9.96	
Health/Welfare ¹	X	+		9.96 10.10		9.96		9.96	
Training/Certification ¹	X	1		0.52		0.52		0.52	
Vacation/Holiday ¹	X	1		3.26		3.26		3.26	
Other	X	1		4.72		4.72		4.72	
Fringe Benefits Subtotal		1	\$		\$	28.56	\$	28.56	
Total PW Hourly Rate			\$	69.69	\$	90.26	\$	110.82	= Base Labor Rate + Benefits Paid + Benefits Provided
Benefits Paid			\$	3.26	\$	3.26	\$	3.26	
Total Paid Hourly Rate			\$	44.39	\$	64.96	\$	85.52	= Base Labor Rate + Benefits Paid
Burden: Taxes & Insurance ²									Should not be more than CalTrans labor surcharge.
FICA		0.0620		2.75		4.03		5.30	
Medicare		0.0145		0.64		0.94		1.24	
Federal Unemployment		0.0080		0.36		0.52		0.68	
California Unemployment				-		-		-	Maximum - 0.062.
Workers Compensation ¹				0.74		0.74		0.74	Usually less than 11%; can request policy.
Other ¹				38.44		38.44		38.44	
Other ¹				-		-		-	
Burden Subtotal			\$	42.93	\$	44.67	\$	46.41	
Contractor Liability Insurance				N/A		N/A		N/A	Included in OH&P per CGC
Small Tools				N/A		N/A		N/A	Included in OH&P per CGC
Other (warranty, record drawings, payment bonds, performance bonds	s, etc.)			N/A		N/A		N/A	Included in OH&P per CGC
TOTAL HOURLY RATE (Total Hou	urly Rate + Burden)		\$	112.62	\$	134.92	\$	157.23	= Amount Contractor paid to employee

Note: For change order work, mark-ups for overhead and profit shall be applied to the above rates (these rates are subject to audit) in accordance with the provisions of CGCs, under 'Change Orders'. Mark-up rates for utility repair work shall be adjusted in accordance with the CGCs, under 'Contractor's Responsibility for the Work', subsection 'e-Utilities'.

¹ Costs for Overtime and Double Time are same as for Regular Time.

By signing below, the submitter certifies and declares under penalty of perjury under the laws of the State of California that the foregoing is true and correc									
Rates certified by:		Company Name:	XL Construction						
	(print name)								
Signature:									

PROJECT NAME	County of San Mateo South San Francisco Wellness Center	PROJECT NO.	
CONTRACTOR	XL Construction	CONTRACT NO.	
SUBCONTRACTOR		DATE	For 2023

(Reference 'Document 01 2600' in your contract. Certified payrolls required for all workers on Project. Contractor shall enter data into all fields highlighted in yellow; for fields highlighted in blue, data will automatically populate.

TRADE:	Laborer						Journeyman			
		Rate	Union Wage Rate							
Item		Per \$100	Regular Time			Overtime		Double Time	Notes	
Base Labor Rate	Benefit Benefit	+	\$	36.25	\$	54.38	\$	72.50	Use certified payroll to verify.	
Fringe Benefits:	Paid Provided (put X in appropriate box)	1								
Pension ¹	X			9.96		9.96		9.96		
Health/Welfare ¹	Х			10.10		10.10		10.10		
Training/Certification ¹	X	1		0.52		0.52		0.52		
Vacation/Holiday ¹	X	1		3.26		3.26		3.26		
Other	X	1		4.72		4.72		4.72		
Fringe Benefits Subtotal			\$	28.56	\$	28.56	\$	28.56		
Total PW Hourly Rate			\$	64.81	\$	82.94	\$	101.06	= Base Labor Rate + Benefits Paid + Benefits Provided	
Benefits Paid			\$	3.26	\$	3.26	\$	3.26		
Total Paid Hourly Rate			\$	39.51	\$	57.64	\$	75.76	= Base Labor Rate + Benefits Paid	
Burden: Taxes & Insurance ²									Should not be more than CalTrans labor surcharge.	
FICA		0.0620		2.45		3.57		4.70		
Medicare		0.0145		0.57		0.84		1.10		
Federal Unemployment		0.0080		0.32		0.46		0.61		
California Unemployment				-		-		-	Maximum - 0.062.	
Workers Compensation ¹				0.65		0.65		0.65	Usually less than 11%; can request policy.	
Other ¹				34.35		34.35		34.35		
Other ¹				-		-		-		
Burden Subtotal			\$	38.34	\$	39.87	\$	41.40		
Contractor Liability Insurance				N/A		N/A		N/A	Included in OH&P per CGC	
Small Tools				N/A		N/A		N/A	Included in OH&P per CGC	
Other (warranty, record drawings, payment bonds, performance bonds,	etc.)			N/A		N/A		N/A	Included in OH&P per CGC	
TOTAL HOURLY RATE (Total Hour	rly Rate + Burden)		\$	103.15	\$	122.81	\$	142.46	= Amount Contractor paid to employee	

Note: For change order work, mark-ups for overhead and profit shall be applied to the above rates (these rates are subject to audit) in accordance with the provisions of CGCs, under 'Change Orders'. Mark-up rates for utility repair work shall be adjusted in accordance with the CGCs, under 'Contractor's Responsibility for the Work', subsection 'e-Utilities'.

¹ Costs for Overtime and Double Time are same as for Regular Time.

By signing below, the submitter certifies and declares under penalty of perjury under the laws of the State of California that the foregoing is true and correc				
Rates certified by:		Company Name:	XL Construction	
	(print name)	_		
Signature:				

CONSTRUCTION EMPLOYERS' ASSOCIATION

2175 N. California Blvd., Suite 420 Walnut Creek, CA 94596 (925) 930-8184 3800 Watt Avenue, Ste. 215 Sacramento, CA 95821 (916) 978-8510

2022 - 2027 CEA/CARPENTERS MASTER AGREEMENT 46 NORTHERN CALIFORNIA COUNTIES WAGE AND FRINGE BENEFIT RATES Effective July 1, 2023 through June 30, 2024

EFFECTIVE 7/1/23-6/30/24 <u>PER HOUR</u>

FRINGE BENEFITS

Health & Welfare	\$12.49	(\$ 20 in analas)
Pension	+	(\$.39 increase)
	\$11.25	(\$.15 increase)
*Vacation/Holiday/Sick Leave Trust	\$3.18	(\$.23 increase)
*Work Fee	\$2.40	(\$.11 increase)
Training	\$1.19	(\$.06 increase)
Industry Advancement		. ,
(Includes Contract Admin., Industry		
Promotion, Carpenters International		
Training Fund)	\$0.27	(\$.03 increase)
Work Preservation	\$0.05	
Vacation/Holiday/Sick Leave Admin.	\$0.10	
Annuity Fund	<u>\$2.88</u>	(\$.33 increase)
Total Fringe Benefits	\$33.81	
(Total Fringe Benefits		
excluding Vacation/Holiday/Sick		
Leave Trust and Work Fee)	(\$28.23)	

2022 - 2027 CARPENTERS AGREEMENT RATES (cont'd.)

WAGE RATES

AREA 1 – (Counties of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano and Sonoma):

	EFFECTIVE 7/1/23-6/30/24 <u>PER HOUR</u>	EFFECTIVE 7/1/23-6/30/24 PER HOUR (TAXABLE)
Journeyman Carpenter	\$60.39	\$65.97
Bridge Builder/Highway Carpenter	\$60.39	\$65.97
Hardwood Floorlayer	\$60.54	\$66.12
Shingler	\$60.54	\$66.12
Power Saw Operator	\$60.54	\$66.12
Steel Scaffold Erector and/or	\$60.54	\$66.12
Steel Shoring Erector	\$60.54	\$66.12
Millwright	\$60.49	\$66.16
Foreman (10% above journeyman's wage rate)	\$66.43	\$72.01
General Foreman (20% above Foreman's wage rate)	\$79.72	\$85.30

Note: Men working from Bos'n chairs, swinging scaffolds, or suspended from rope, cable, or from a safety belt or any device used as a substitute or in lieu thereof shall receive fifty cents (\$.50) per hour above the applicable journeyman or apprentice rate.

CONSTRUCTION EMPLOYERS' ASSOCIATION

2175 North California Blvd., Suite 420 Walnut Creek, CA 94596 (925) 930-8184 3800 Watt Avenue, Suite 215 Sacramento, CA 95821 (916) 978-8510

LABORERS' MASTER BUILDERS AGREEMENT 46 NORTHERN CALIFORNIA COUNTIES WAGE AND FRINGE BENEFIT RATES

Applicable June 26, 2023 through June 30, 2024

FRINGE BENEFITS (46 COUNTY AREA)	EFFECTIV 6/26/23-6/30/2 <u>PER HOUR</u>	24
Health and Welfare Pension Annuity *Vacation/Holiday/Supplemental Dues Training and Retraining (including LECET) Contract Administration/Market Preservation Fund	\$10.10 (\$.50 ii \$9.96 (\$.50 ii \$4.40 \$3.25 (\$.20 ii \$0.50 \$0.10	ncrease)
CEA & Laborers Contract Interpretation and Application Fund Building Industry Stabilization Fund Total Fringe Benefits Total Fringe Benefits excluding Vacation/	\$0.02 <u>\$0.23</u> (\$.05 in \$28.56	ncrease)
Hol./Suppl. Dues <u>GROUP 3 (cont'd.)</u> Pavement Markers (Button Setters) Maintenance Repair Trackmen and Road Beds Escort Driver	\$25.31 EFFECTIVE 6/26/23-6/30/24 <u>PER HOUR</u> \$36.25	EFFECTIVE 6/26/23-6/30/24 PER HOUR (TOTAL TAXABLE) \$39.50
Skip Loader (up to and including ½ cubic yard) Solar Panel Cleaner Streetcar and Railroad Construction Track Laborers Temporary Air and Water Lines, Victaulic or similar Temporary Lights (job site work lighting only) Tool Room Attendant (job site only) <u>GROUP 3(a)</u> Composite Crew Person (Shall apply only to operation of vehicles, when operated in conjunction with Laborers' duties.)	\$36.25	\$39.50

Labor Foreman

Effective June 26, 2023, Labor Foreman shall receive ten percent (10%) above the highest paid classification in this Agreement working under his/her direction.

General Foreman

Whether an employee shall be designated General Foreman, the person who shall be so designated and the specific assignment for such person shall be within the sole and exclusive judgment of the Individual Employer and such determination to appoint a General Foreman, or not to do so, shall not be subject to the Grievance Procedure (Section 9) of the Agreement. General Foreman shall receive an hourly rate higher than the highest paid Laborer Foreman on the crew or shift.



Arrow Rental & Supply

2023 Rental Rates

orders@arrowtoolshop.com 650-400-9476

Category	Description	Calculation	Model	Daily	Weekly	Monthly
8'x20' CONTAINER	8 X 20 Storage Container,ea	Rental	Lease	\$20	\$60	\$210
8'x20' CONTAINER	8'x20' STORAGE/OFFICE	Rental		\$35	\$110	\$375
8'x20' CONTAINER	8'x40' Lease Container,ea	Rental	Lease	\$16		
8'x20' CONTAINER	8x10 Storage Container,ea	Rental	Lease	\$13		
BUILDERS LEVELS & INSTRUMENTS	Builders Level, Auto w/ tripod & Rod	Rental	AL28M-2	\$22		
BUILDERS LEVELS & INSTRUMENTS	Laser Level, Handheld	Rental	PLS3	\$20		
BUILDERS LEVELS & INSTRUMENTS	Laser Lever, Reciever & Tripod	Rental	LL300N	\$50		
BUILDERS LEVELS & INSTRUMENTS	Laser Range Meter	Rental	PD 32	\$10		
BUILDERS LEVELS & INSTRUMENTS	Line Laser	Rental	PMP 34	\$20		
BUILDERS LEVELS & INSTRUMENTS	Line+Poin, Green Laser.	Rental	PLS6G	\$30		-
BUILDERS LEVELS & INSTRUMENTS BUILDERS LEVELS & INSTRUMENTS	Self-Leveling Rotary Laser,ea	Rental Rental	GRL 500H	\$32 \$14		· · ·
BUILDERS LEVELS & INSTRUMENTS	Target, Laser Theodolite	Rental	Lightning NE-100	\$14		
CONCRETE EQUIPMENT	Cut Off Saw, 12" Electric	Rental	DCH EA 300	\$40		
CONCRETE EQUIPMENT	Floor Grinder, Dual-Disc	Rental	2EC-1.5B	\$100		
CONCRETE EQUIPMENT	Grinder, Diamond	Rental	DG 150	\$150		
CONCRETE EQUIPMENT	Pneumatic Epoxy Gun	Rental	P3500F	\$30		. ,
CONCRETE EQUIPMENT	Rebar Scanner	Rental	PS 200 S	\$200		
CONCRETE EQUIPMENT	Rebar/Wall Scanner,ea	Rental	D-TECH 150	\$75		
CONCRETE EQUIPMENT	Vibrating Plate	Rental	MVC 88GHW	\$80		
CONTRACTOR LIFTS	Contractor Lift	Rental	2100	\$50		
CONSTRUCTION TECHNOLOGY	Daily use fee for Drone	Charge	Mavic DJI Pro 2	\$50		
CONSTRUCTION TECHNOLOGY	Daily use fee for Laser Scanner	Charge	Laser Scanner	\$500		
CONSTRUCTION TECHNOLOGY	Daily use fee for Matterport Camera	Charge	Matterport	\$100		
CONSTRUCTION TECHNOLOGY	Daily use fee for Total Station	Charge	Total Station	\$225		
DATA VAULT	Data Vault	Rental	118-01	\$70	\$209	\$730
DEBRIS CARTS & CHUTES	1 CY Debris Cart	Rental		\$24	\$72	\$252
DEBRIS CARTS & CHUTES	1/2 CY Debris Cart	Rental		\$12	\$36	\$126
DEBRIS CARTS & CHUTES	Debris Hopper, 4 Yd	Rental	ххх	\$30		\$360
DELIVERY	ARROW Driver,ea	Charge		\$92		
DELIVERY	Conex Delivery Fee,ea	Charge		\$325		
DELIVERY	Pick Up Conex Fee,ea	Charge		\$325		
DELIVERY	Shop Delivery /Pick Up Equipment	Charge		\$325		
DELIVERY	Shop Delivery Charge	Charge		\$75		
DELIVERY	Out of Area Delivery	Charge		\$150		
DOLLIES, CARTS & BOXES	DFH Utility Cart	Rental		\$14		
DOLLIES, CARTS & BOXES	Door Dolly	Rental		\$6		
DOLLIES, CARTS & BOXES	Door Transport Cart	Rental		\$10		
DOLLIES, CARTS & BOXES DOLLIES, CARTS & BOXES	Drywall Cart Furniture Dolly	Rental Rental		\$12 \$6		
DOLLIES, CARTS & BOXES	Gangbox, Field Office	Rental	119	\$28		
DOLLIES, CARTS & BOXES	Hand Truck	Rental	115	\$6		
DOLLIES, CARTS & BOXES	Hospital Cart	Rental	Hospital Cart	\$30		
DOLLIES, CARTS & BOXES	Knaack Large Gang Box	Rental	89	\$20		
DOLLIES, CARTS & BOXES	Knaack Small Gang Box	Rental	05	\$14		
DOLLIES, CARTS & BOXES	Pallet Jack	Rental		\$24		\$252
DOLLIES, CARTS & BOXES	Utility Cart	Rental		\$5		
DOLLIES, CARTS & BOXES	Wheelbarrow	Rental		\$6		
DRILLS, ROTOHAMMERS & SHOTGUNS	1/2" Drill, 20v cordless	Rental	DCD980L2	\$6	\$10	\$35
DRILLS, ROTOHAMMERS & SHOTGUNS	2pc Combo Kit, Drill - Impact,	Rental	XT267T	\$8		\$160
DRILLS, ROTOHAMMERS & SHOTGUNS	20v SDS Plus Rotohammer	Rental	DCH273P2	\$24		
DRILLS, ROTOHAMMERS & SHOTGUNS	Carpenter Kit Set,ea	Rental	CARPENTER KIT	\$17	\$82	\$325
DRILLS, ROTOHAMMERS & SHOTGUNS	Cordless Drill Driver,ea	Rental	SF 10W-A22	\$5	\$25	\$100
DRILLS, ROTOHAMMERS & SHOTGUNS	Core Drill w/ vacuum	Rental	DDEC-1	\$50	\$200	\$800
DRILLS, ROTOHAMMERS & SHOTGUNS	Demolition Hammer, 60# w/ cart	Rental		\$50	\$150	\$525
DRILLS, ROTOHAMMERS & SHOTGUNS	Drill, Pistol Grip 1/2"	Rental	DW235G	\$5	\$10	\$40
DRILLS, ROTOHAMMERS & SHOTGUNS		Rental	GX 120	\$50	\$150	\$525
DRILLS, ROTOHAMMERS & SHOTGUNS		Rental	11224VSR	\$20		
	Impact Driver, 20v cordless	Rental	DCF887	\$12		
DRILLS, ROTOHAMMERS & SHOTGUNS	Impact Wrench 1/2 Brushless 3 Speed 20V	Rental	DCF899P2	\$16		
	Powder Actuated Extension Pole	Rental		\$6		
-	Powder Actuated Gun	Rental	DX2	\$8		
DRILLS, ROTOHAMMERS & SHOTGUNS	Roto Hammer, 1 3/4 SDSMAX	Rental	D25602K	\$40		
DRILLS, ROTOHAMMERS & SHOTGUNS	Roto Hammer. 1" SDS Plus	Rental	TE 7	\$30		
DRILLS, ROTOHAMMERS & SHOTGUNS	Rotohammer, 1-3/4" SDSMAX	Rental	D25604K	\$40		
	Rotohammer, 1-7/8" SDS	Rental	D25712k	\$50		
DRILLS, ROTOHAMMERS & SHOTGUNS	Screwgun	Rental	DW268	\$8		\$78
	SDS Max Combihammer ATC	Rental	TE 80 ATC	\$80		
	SDS Max Demo Hammer	Rental	D25901K	\$50		
DRILLS, ROTOHAMMERS & SHOTGUNS	Spade 1/2" Handle Drill	Rental	DW130V	\$10		
FANS & HEATERS	30" Pedastal Air Circulator	Rental		\$20		
FANS & HEATERS	36" Portable Fan	Rental	SERVICE	\$30		
FENCING/ TOILETS	Station Sink, 2nd Service	Rental	SERVICE	\$178	\$178	\$178

Category	Description	Calculation	Model	Dailv	Weekly	Monthly
FENCING/ TOILETS	2 Station Sink	Rental		\$12		
FENCING/ TOILETS	Containment Trays	Rental		\$1		
FENCING/ TOILETS	Standard Restroom, 3rd Service, ea	Rental	3rd Service	\$8		\$154
FENCING/ TOILETS	Standard Restroom	Rental		\$10	\$49	\$195
FENCING/ TOILETS	Toilet Holding Tank, 250 gal	Rental	Tank	\$14	\$72	\$294
FENCING/ TOILETS	Standard Restroom , 2nd Service	Rental	SERVICE	\$153	\$153	\$153
FORKLIFTS/LIFTS	Forklift, 5000lb Warehouse	Rental	8FGU25	\$125	\$400	\$1,300
FORKLIFTS/LIFTS	Gradall 5500LB Reach 16-20FT,ea	Rental	Lease	\$130	\$650	\$2,600
FORKLIFTS/LIFTS	Gradall 6000#,ea	Rental	Lease	\$158	\$788	\$3,150
FORKLIFTS/LIFTS	GradAll High Reach Lift 10,000#	Rental	544D	\$400	\$1,200	\$4,350
FORKLIFTS/LIFTS	Hyster Forklift 5000#	Rental	H50XM	\$125	\$400	\$1,300
FORKLIFTS/LIFTS	JLG Highreach, Telehandler lift,10,000 lb	Rental	G10-55A	\$400	\$1,200	\$4,350
FORKLIFTS/LIFTS	Scissor Lift 12',ea	Rental	Lease	\$26	\$131	\$525
FORKLIFTS/LIFTS	Scissor Lift 19FT	Rental	Lease	\$36	\$181	\$725
FORKLIFTS/LIFTS	Scissor Lift 26FT	Rental	Lease	\$66	\$331	\$1,325
FORKLIFTS/LIFTS	Tower 8' Forklift Extension,ea	Rental	Lease	\$65	\$325	\$1,300
FORKLIFTS/LIFTS	Toyota Forklift 36,000LB,ea	Rental	Lease	\$345	\$1,725	\$6,900
FORKLIFTS/LIFTS	Warehouse Forklift 5K	Rental	Lease	\$300	\$650	\$1,300
INFECTIOUS CONTROL	500 CFM Hepa Air Scrubber,ea	Rental	Guardian Pro	\$21	\$105	\$420
INFECTIOUS CONTROL	Dehumidifier	Rental	1200	\$30	\$90	\$315
INFECTIOUS CONTROL	Hepa 500 Air Scrubber	Rental		\$30	\$90	
INFECTIOUS CONTROL	Hepa Cart	Rental		\$40	\$200	\$800
INFECTIOUS CONTROL	Negative Air Machine, 600cfm	Rental	Omniaire 600v	\$40		
INFECTIOUS CONTROL	Negative Air Machine, 2000cfm	Rental	2200c	\$40		
JOB OFFICE TRAILERS	7'x16' Office/Storage Trailer	Rental	Hallmark	\$25		\$500
JOB OFFICE TRAILERS	10'x32' Office Trailer	Rental	10x32'	\$30		\$600
JOB OFFICE TRAILERS	12 x 40 Lease Trailer W Ramp, Ready to Work	Rental	Lease	\$145	\$724	\$2,895
JOB OFFICE TRAILERS	12'x32' Office Trailer, Ready to Work	Rental	12x32'	\$35	\$175	\$1,200
JOB OFFICE TRAILERS	12'x40' Office Trailer, Ready to Work	Rental	12x32 12x40'	\$45		\$1,200
JOB OFFICE TRAILERS	12'x60' Office Trailer - Ready to Work	Rental	12x60	\$300		\$2,600
JOB OFFICE TRAILERS	24x60 Double Wide Trailer - Ready to Work	Rental	24 x 60	\$300		\$2,800
JOB OFFICE TRAILERS	40' Semi Storage Trailer	Rental	FA-70	\$190		
JOB OFFICE TRAILERS	ADA Ramp	Rental		\$48		\$680
JOB OFFICE TRAILERS			ADA Ramp	\$48		
	Equipment Trailer	Rental	Dava an Dianal			
JOB SITE TRANSPORTATION	Cart UTV 2 Passenger DSL	Rental	Ranger Diesel	\$80		· · ·
JOB SITE TRANSPORTATION	Golf Cart	Rental	74 00 00	\$60		
JOBSITE RADIOS	Channel 2way Radio W/Microphone	Rental	TK-3360	\$8		\$79
JOBSITE SIGNAGE	2'x3' Safety Sign	Rental	-	\$4		\$42
JOBSITE SIGNAGE	3'x4' No Parking Sign	Rental	-	\$14		
JOBSITE SIGNAGE	Jobsite Entrance Sign	Rental	-	\$14		\$147
JOBSITE SIGNAGE	Traffic Road Sign	Rental		\$14		\$147
LADDERS	Ladder Rail Extention System	Rental		\$3		\$60
LADDERS	Ladder, 4' Fiberglass Step Ladder	Rental		\$6		
LADDERS	Ladder, 6' Fiberglass Step Ladder	Rental		\$8		\$84
LADDERS	Ladder, 8' Fiberglass Step Ladder	Rental		\$10		
LADDERS	Ladder, 10' Fiberglass Step Ladder	Rental		\$12		
LADDERS	Ladder, 12' Fiberglass Step Ladder	Rental		\$14		\$147
LADDERS	Ladder, 14' Fiberglass Step Ladder	Rental		\$14		\$147
LADDERS	Ladder, 16' Extention Ladder	Rental		\$14		\$147
LADDERS	Ladder, 24' Extension Ladder	Rental		\$14		\$147
LADDERS	Ladder, 32' Extension Ladder	Rental		\$20		\$210
LADDERS	Ladder, 40' Extension Ladder	Rental		\$20		
MISC. TOOLS	Biscuit Cutter	Rental	DW682	\$8		
MISC. TOOLS	Blower, Backpack	Rental	PB-755	\$20		
MISC. TOOLS	Cordless Blower,ea	Rental		\$4		
MISC. TOOLS	Cordless Inspection Camera	Rental		\$8		
MISC. TOOLS	Electric Shears	Rental	6852-20	\$10		
MISC. TOOLS	Epoxy Gun	Rental		\$10		
MISC. TOOLS	Floor Scale, 48x48 5000lb	Rental		\$30		
MISC. TOOLS	Floor Scraper, Electric	Rental		\$50		\$525
MISC. TOOLS	Heat Gun	Rental		\$8		
MISC. TOOLS	Heat Gun	Rental	1942	\$8		
MISC. TOOLS	Inspection Scope	Rental		\$20		
MISC. TOOLS	Magnetic Sweeper	Rental		\$6		
MISC. TOOLS	Paint Sprayer Machine ,ea	Rental	Magnum X7	\$6		\$125
MISC. TOOLS	Post Driver	Rental		\$2		
MISC. TOOLS	Steel Banding Machine & Tools	Rental		\$20		
MISC. TOOLS	Suction Cups (pair)	Rental		\$6		
	Torque Wrench 1/2"	Rental		\$10		
MISC. TOOLS	T	Rental		\$8	\$24	\$84
MISC. TOOLS	Torque Wrench, 3/8"			\$4	\$12	\$42
MISC. TOOLS MISC. TOOLS	Zipwall/3rd Hand Brace 12'	Rental				\$63
MISC. TOOLS		Rental Rental		\$6	\$18	403
MISC. TOOLS MISC. TOOLS	Zipwall/3rd Hand Brace 12'		UN46H2620	\$6 \$10		
MISC. TOOLS MISC. TOOLS MISC. TOOLS	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20'	Rental	UN46H2620 LC-52LE		\$30	\$105
MISC. TOOLS MISC. TOOLS MISC. TOOLS OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20' 46" LCD TV	Rental Rental		\$10	\$30 \$36	\$105 \$126
MISC. TOOLS MISC. TOOLS MISC. TOOLS OFFICE TRAILER EQUIPMENT	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20' 46" LCD TV 52" LCD TV	Rental Rental Rental	LC-52LE	\$10 \$12	\$30 \$36 \$36	\$105 \$126 \$126
MISC. TOOLS MISC. TOOLS MISC. TOOLS OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20' 46" LCD TV 52" LCD TV 55" LCD TV	Rental Rental Rental Rental	LC-52LE M550SL	\$10 \$12 \$12	\$30 \$36 \$36 \$36 \$42	\$105 \$126 \$126 \$147
MISC. TOOLS MISC. TOOLS MISC. TOOLS OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20' 46" LCD TV 52" LCD TV 55" LCD TV 60" LED Smart TV	Rental Rental Rental Rental Rental	LC-52LE M550SL UN60J6300	\$10 \$12 \$12 \$12 \$14	\$30 \$36 \$36 \$42 \$42 \$54	\$105 \$126 \$126 \$126 \$147 \$189
MISC. TOOLS MISC. TOOLS OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20' 46" LCD TV 52" LCD TV 55" LCD TV 60" LED Smart TV 65" Digital FlipBoard TV,ea	Rental Rental Rental Rental Rental Rental	LC-52LE M550SL UN60J6300 WM65R	\$10 \$12 \$12 \$12 \$14 \$14	\$30 \$36 \$36 \$42 \$54 \$54	\$105 \$126 \$126 \$147 \$189 \$189
MISC. TOOLS MISC. TOOLS OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20' 46" LCD TV 52" LCD TV 55" LCD TV 60" LED Smart TV 65" Digital FlipBoard TV,ea 65" Ultra HD LED TV	Rental Rental Rental Rental Rental Rental Rental	LC-52LE M550SL UN60J6300 WM65R UN65KU6300	\$10 \$12 \$12 \$14 \$14 \$18 \$18	\$30 \$36 \$36 \$42 \$54 \$54 \$54	\$105 \$126 \$126 \$147 \$189 \$189 \$189 \$189
MISC. TOOLS MISC. TOOLS MISC. TOOLS OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Zipwall/3rd Hand Brace 12' Zipwall/3rd Hand Brace 20' 46" LCD TV 52" LCD TV 55" LCD TV 60" LED Smart TV 66" Digital FlipBoard TV,ea 65" Ultra HD LED TV 70" LCD TV	Rental Rental Rental Rental Rental Rental Rental Rental	LC-52LE M550SL UN60J6300 WM65R UN65KU6300 E70-C3	\$10 \$12 \$12 \$14 \$14 \$18 \$18 \$18	\$30 \$36 \$36 \$42 \$54 \$54 \$54 \$54 \$54 \$54	\$105 \$126 \$126 \$147 \$189 \$189 \$189 \$189 \$189 \$252

Category	Description	Calculation	Model	Daily	Weekly	Monthly
OFFICE TRAILER EQUIPMENT	Conference Cam	Rental	BCC950	\$4		\$42
OFFICE TRAILER EQUIPMENT	Conference Station	Rental	7937	\$2	\$6	\$21
OFFICE TRAILER EQUIPMENT	Cradlepoint	Rental	AER1600	\$10		
OFFICE TRAILER EQUIPMENT	DATA VAULT MOBILE	Rental	118-M	\$40		
OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Digital Camera Double Wide Trailer IT Box, Set Up	Rental Rental	IT BOX	\$4 \$15		\$42 \$275
OFFICE TRAILER EQUIPMENT	Firewall	Rental	MX65	\$13		
OFFICE TRAILER EQUIPMENT	Folding Chairs	Rental		\$1	\$4	
OFFICE TRAILER EQUIPMENT	Folding Table	Rental		\$2	\$6	
OFFICE TRAILER EQUIPMENT	Ink Jet Printer	Rental	MCF-J6920DW	\$16		· ·
OFFICE TRAILER EQUIPMENT	Inkjet All-in-One Printer	Rental	MFC-J6910DW	\$16		
OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	IPAD - Basic IPAD - WiFi/Data	Rental Rental		\$20 \$20	\$60 \$60	
OFFICE TRAILER EQUIPMENT	Ipad Pro - 11"	Rental	A1980	\$30	-	
OFFICE TRAILER EQUIPMENT	IPAD PRO - 12.9"	Rental	A1876	\$30		
OFFICE TRAILER EQUIPMENT	IT Job Box	Rental		\$4		\$42
OFFICE TRAILER EQUIPMENT	Laser Jet Pro Printer,ea	Rental	454DN	\$8		\$160
OFFICE TRAILER EQUIPMENT	NAS Device	Rental	RN42200	\$5		
OFFICE TRAILER EQUIPMENT	Projector	Rental	EX3200	\$4		
OFFICE TRAILER EQUIPMENT	Safety Laptop	Rental		\$10	-	
OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Standart Trailer IT Box, Set Up Switch, 8 Port	Rental Rental	IT BOX TS-8-PRO	\$10 \$1	\$50 \$5	
OFFICE TRAILER EQUIPMENT	Switch, 24 port, VOIP	Rental	CATALYST 3524	\$3		\$60
OFFICE TRAILER EQUIPMENT	Triple Wide Trailer IT Box,Set Up	Rental	IT BOX	\$30		
OFFICE TRAILER EQUIPMENT	UPS Battery Backup	Rental		\$2	\$20	
OFFICE TRAILER EQUIPMENT	Video Conf. Camera	Rental	SX10	\$10		
OFFICE TRAILER EQUIPMENT	Video Conference Box	Rental	Chromebox	\$23	\$115	\$460
OFFICE TRAILER EQUIPMENT	Webex,Conference Tablet,	Rental	Touch-10	\$10		
OFFICE TRAILER EQUIPMENT OFFICE TRAILER EQUIPMENT	Wireless Access Point	Rental	Airport Extreme	\$2		
PERIMETER SAFETY/PROTECTION	XL Magnetic Dry Erase WhiteBoards,1set 3 Channel Heavy Duty Cable Protector	Rental Rental	Custom Signage	\$25 \$4	\$125 \$20	\$350 \$80
PERIMETER SAFETY/PROTECTION	Barricades	Rental		\$1		
PERIMETER SAFETY/PROTECTION	Barriers, Water Filled	Rental		\$3		\$50
PERIMETER SAFETY/PROTECTION	Barriers, Water Filled W/Fence Combo,ea	Rental		\$4		\$62
PERIMETER SAFETY/PROTECTION	Barrricade With Flasher	Rental		\$2	\$10	\$30
PERIMETER SAFETY/PROTECTION	Cable Protector, 4 Channel	Rental		\$2	\$10	
PERIMETER SAFETY/PROTECTION	Cones	Rental		\$1		
PERIMETER SAFETY/PROTECTION	Orange Deliniators	Rental		\$1 \$3	\$3 \$15	\$10 \$60
PERIMETER SAFETY/PROTECTION PNEUMATIC EQUIPMENT	Speed Bump 6' Air Compressor 4.5 Gallon, Cart	Rental Rental	D55146	\$18		
PNEUMATIC EQUIPMENT	Air Compressor 12.5 CFM	Rental	6820K17	\$20		
PNEUMATIC EQUIPMENT	Air Compressor, Twin Tank, 4 CFM	Rental	AM78-HC4v	\$15	\$75	
PNEUMATIC EQUIPMENT	Brad Nailer, 5/8"-2-1/8"	Rental	18 GA	\$6	\$30	\$120
PNEUMATIC EQUIPMENT	Brad Nailer, 18GA	Rental	NT50AE2	\$5	\$25	\$100
PNEUMATIC EQUIPMENT	Coil Air Nail Gun	Rental	NV 65AH	\$10		
PNEUMATIC EQUIPMENT	Cordless Fraiming Nailer Gun 18V,ea	Rental Rental	M18-Fuel NT 65M2	\$15 \$10	\$75	
PNEUMATIC EQUIPMENT PNEUMATIC EQUIPMENT	Finish Nailer, 2-1/2, 15ga Finish Nailer	Rental	42XP	\$10		
PNEUMATIC EQUIPMENT	Finish Nailer. N60	Rental	N60FN	\$10		
PNEUMATIC EQUIPMENT	Finish Staple Gun, 1/2" - 1"	Rental	NS100	\$10	-	
PNEUMATIC EQUIPMENT	Micro Pinner, 23ga	Rental	FinishPro 10	\$5	\$25	\$100
PNEUMATIC EQUIPMENT	Nail Gun, 2-1/2" Framing	Rental	NR 65AK2	\$15	\$75	\$300
PNEUMATIC EQUIPMENT	Nail Gun, 3 1/2" Framing	Rental		\$15		· ·
PNEUMATIC EQUIPMENT	Nail Gun, Joist Hanger	Rental	HN250	\$8		
PNEUMATIC EQUIPMENT PNEUMATIC EQUIPMENT	Nail Gun, Paslode Type Palm Nailer	Rental Rental	NR 65AK PP	\$15	\$75 \$25	\$300 \$100
PNEUMATIC EQUIPMENT	Positive Placement	Rental	PP Nailer	\$5 \$15	\$75	
PNEUMATIC EQUIPMENT	Trim Stapler	Rental	SX150	\$8		
PUMPS & SPRAY WASHERS	Discharge Hose, 50'	Rental		\$3		
PUMPS & SPRAY WASHERS	Electric ,Pressure washer,	Rental	SPX3500	\$32	\$160	
PUMPS & SPRAY WASHERS	Fire Hose, 2-1/2"x50'	Rental		\$5	\$25	\$100
PUMPS & SPRAY WASHERS	HQ 2" Submersible Pump	Rental	ST-2038P	\$12		
PUMPS & SPRAY WASHERS	Pressure Washer, 3000psi Sump Pump, 1hp w/ float	Rental	Job Pro	\$32	\$160 \$30	
PUMPS & SPRAY WASHERS PUMPS & SPRAY WASHERS	Sump Pump, 1np w/ float Sump Pump, 3/4"	Rental Rental		\$6 \$2		
PUMPS & SPRAY WASHERS	Trash Pump, 3"	Rental		\$29		
ROUTERS	2.2hp Router	Rental	1617EVS	\$15		
ROUTERS	Router, D-Handle	Rental	6912	\$6	\$30	
ROUTERS	Router,Laminate Trimmer	Rental		\$6		
SAFETY EQUIPMENT	7' Aluminum Tripod 3way SRL	Rental	8301032	\$17	\$82	\$325
SAFETY EQUIPMENT	10' Guard Rail System	Rental		\$5		
SAFETY EQUIPMENT SAFETY EQUIPMENT	10' Leading Edge, SRL'S 11FT, Mini Retractable	Rental Rental	10900	\$6 \$5		\$120 \$100
SAFETY EQUIPMENT	20FT Leading Edge , SRL'S	Rental		\$3		
SAFETY EQUIPMENT	20FT, Retractable Life Line	Rental	10910	\$8		
SAFETY EQUIPMENT	30FT Retactable Life line	Rental	10915	\$12	\$60	\$240
SAFETY EQUIPMENT	50FT Retractable 3-Way	Rental	10974	\$25	\$125	\$500
SAFETY EQUIPMENT	50FT Retractable Safety Line	Rental	50FT	\$20		
SAFETY EQUIPMENT	50FT Retractable Safety line	Rental	MP50G	\$20		
SAFETY EQUIPMENT	50FT Retracting Ultra Lok life line	Rental	3504480	\$25	\$125	\$500
SAFETY EQUIPMENT SAFETY EQUIPMENT	Aluminum Foot Guard Beam Clamp	Rental Rental	Beam Clamp	\$1 \$5		
	beam clamp	mentar	Beam clamp	¢2	ې25 م	1 \$100

Category	Description	Calculation	Model	Daily	Weekly	Monthly
SAFETY EQUIPMENT	Cross Arm Strap, 4'	Rental		\$1	. \$5	\$20
SAFETY EQUIPMENT	Cross Arm Strap, 6'	Rental		\$1	. \$5	\$20
SAFETY EQUIPMENT	Cross Arm Strap, 10'	Rental		\$1	. \$5	\$20
SAFETY EQUIPMENT	EDGE GUARD WALL SYSTEM	Rental		\$15		\$300
SAFETY EQUIPMENT	Electric Wench .6HP 115V	Rental	EW10	\$20	\$100	\$400
SAFETY EQUIPMENT	Emergency Sprinkler Spill Kit	Rental		\$4	\$20	\$80
SAFETY EQUIPMENT	Fall Protection Kit	Rental	BRFK/50	\$10	\$50	\$200
SAFETY EQUIPMENT	Full Body Harness	Rental	Miller	\$4	\$20	\$80
SAFETY EQUIPMENT	Full Body Harness, HD	Rental	650T-58/xxlgk	\$6	\$30	\$120
SAFETY EQUIPMENT	Full Body Harness, SM	Rental	21041	\$4	\$20	\$80
SAFETY EQUIPMENT	High Volume Air Sampler Pump	Rental		\$20	\$100	\$400
SAFETY EQUIPMENT	Horizontal Lifeline System	Rental		\$25	\$125	\$500
SAFETY EQUIPMENT	Lanyard 6', 100% Tie Off	Rental	8798RSS-Z7	\$10	\$50	\$200
SAFETY EQUIPMENT	Lanyard 18"	Rental	1205	\$1		\$20
SAFETY EQUIPMENT	Lanyard, 3',6'	Rental		\$2	\$10	\$40
SAFETY EQUIPMENT	Lanyard, 6' w/rebar hook	Rental	11018	\$2	\$10	\$40
SAFETY EQUIPMENT	Lanyard, HD	Rental	216TWLS/6FT	\$3	\$15	\$60
SAFETY EQUIPMENT	Leading Edge SRL's, 30'	Rental		\$12	\$60	\$240
SAFETY EQUIPMENT	Mini Retractable	Rental	PFL-5 (Scorpion	\$5	\$25	\$100
SAFETY EQUIPMENT	Parapit Clamp,	Rental		\$2		\$40
SAFETY EQUIPMENT	Retractable Safety Line	Rental	L3400	\$20		
SAFETY EQUIPMENT	Safety Harness w/ Belt	Rental		\$4		\$80
SAFETY EQUIPMENT	Slab Grabber	Rental		\$2		
SAFETY EQUIPMENT	Spill Kit	Rental		\$5		\$100
SAFETY EQUIPMENT	Stretcher	Rental	JSA 300	\$10		\$200
SAFETY EQUIPMENT	Wire Hook Anchorage Connector	Rental	470	\$10		\$200
SAFETY EQUIPMENT	ZOLL FULLY AUTOMATIC			\$2		\$40
		Rental	2725051/5			
SANDERS & GRINDERS	5" Orbital Sander	Rental	3725DEVS	\$5		\$100
SANDERS & GRINDERS	20v Cordless Grinder,ea	Rental	DCG413	\$6		\$120
SANDERS & GRINDERS	Belt Sander, 3"	Rental	360	\$6		\$120
SANDERS & GRINDERS	Die Grinder, 1/4"	Rental	GD0601	\$2		\$40
SANDERS & GRINDERS	Grinder, 4.5"	Rental	DWE402	\$4		
SANDERS & GRINDERS	Grinder, 7"	Rental	1752	\$6		\$120
SANDERS & GRINDERS	Sander, 5" Orbital	Rental	D26453	\$3		\$60
SANDERS & GRINDERS	Sander, 5" Orbital	Rental	DWE6423K	\$3		\$60
SANDERS & GRINDERS	Sander, Orbit	Rental	DW421	\$4		\$80
SAWS	7-1/4 Skillsaw,ea	Rental	5377MG	\$5		\$100
SAWS	10" Portable Table Saw	Rental	2704	\$17	\$85	\$340
SAWS	10" Table Saw	Rental	10" Workmate	\$17	\$85	\$340
SAWS	12" Sliding Compound w/ Laser	Rental	4410L	\$20	\$100	\$400
SAWS	12" Sliding Miter Saw	Rental	DW708	\$10	\$50	\$200
SAWS	16" Chain Saw, Electric	Rental	UC4051A	\$12	\$60	\$240
SAWS	16" Worm Drive Chainsaw,ea	Rental	SPT55-11	\$17	\$85	\$340
SAWS	18v Cordless Sawzall,ea	Rental	XRJ04	\$8	\$40	\$160
SAWS	Bandsaw, Cordless 18v	Rental	BPB180	\$15	\$75	\$300
SAWS	Bandsaw, Cordless 20v	Rental		\$15	\$75	\$300
SAWS	Beam Saw, 16"	Rental	5402A	\$14	\$70	\$280
SAWS	Block Saw, 2 HP	Rental	2002	\$28	\$140	\$560
SAWS	Chop Saw, 12" Metal Cutting	Rental	9312N	\$20	\$100	\$400
SAWS	Chopsaw, 14" Metal	Rental	DW860	\$10	\$50	\$200
SAWS	Circ. Saw, 10" Big Foot & 20amp Cor	Rental	HD77	\$8		\$160
SAWS	Circular Saw 6 -1/2" 20v cordless	Rental	DCS391	\$3		\$60
SAWS	Circular Saw 7 1/4" w/ accessories	Rental	WSC 267-E	\$7		
SAWS	Circular Saw, 7 1/4"	Rental	DWS535	\$5		
SAWS	Circular Saw, 7-1/4" Worm Drive	Rental	77	\$5		\$100
SAWS	Circular Saw, 8-1/4"	Rental		\$6		\$100
SAWS	Cordless Fein Tool,	Rental	XMT03	\$6		
SAWS	Cordless Skillsaw 18V,	Rental	XSR01	\$8		\$120
SAWS	Electric Sheet Metal Nibbler	Rental	JN1601	ېد \$60		
SAWS	Fein Saw	Rental	3141001	\$60		
SAWS SAWS	Gas Chainsaw	Rental	1597\/5/	\$17		\$340
SAWS	Jig Saw Miter Saw, 10"	Rental	1587VSK	\$5		\$100
		Rental	DW/\$705	\$4		\$80
SAWS	Miter Saw, 12" Compound	Rental	DWS705	\$8		
SAWS	PANEL SAW - KETT	Rental	(220	\$5		\$100
SAWS	PortaBand	Rental	6230	\$8		
SAWS	Sawzall, Cordless 20v Kit	Rental	DCS380	\$12		
SAWS	Sheet Metal Shears, Electric	Rental	CDT 70.10	\$12		
SAWS	Skillsaw Walk Behind ,ea	Rental	SPT 79-10	\$18		\$70
	SUP/Cordless Kit	Rental		\$20		\$210
SAWS		Rental		\$14		\$147
SCAFFOLDS	5' Mini-Scaffold		1	\$16	\$48	\$168
SCAFFOLDS SCAFFOLDS	Alum Scaffold Planks 1'x12'	Rental				
SCAFFOLDS SCAFFOLDS SCAFFOLDS	Alum Scaffold Planks 1'x12' Perry Scaffold	Rental	Perry Original	\$24		\$252
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6'	Rental Rental		\$24	\$72	\$252
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS SECURITY CAMERA	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6' Camera,Cellular 12MP	Rental Rental Rental	OXMP-C		\$72	\$252 \$525
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS SECURITY CAMERA SECURITY CAMERA	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6' Camera,Cellular 12MP Cloud Access Through Sensera	Rental Rental Rental Charge		\$24 \$50	\$72 \$150	\$252 \$525 \$44
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6' Camera,Cellular 12MP Cloud Access Through Sensera Ecam Secure Solar 8 Camera Unit with Monitoring Kit,ea	Rental Rental Rental	OXMP-C	\$24 \$50 \$225	\$72 \$150 \$1,125	\$252 \$525 \$44 \$4,500
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6' Camera,Cellular 12MP Cloud Access Through Sensera Ecam Secure Solar 8 Camera Unit with Monitoring Kit,ea Elite Security Camera Monitoring Service ,ea	Rental Rental Rental Charge Rental Rental	OXMP-C	\$24 \$50 \$225 \$105	\$72 \$150 \$1,125 \$525	\$252 \$525 \$44 \$4,500 \$2,100
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6' Camera,Cellular 12MP Cloud Access Through Sensera Ecam Secure Solar 8 Camera Unit with Monitoring Kit,ea	Rental Rental Rental Charge Rental	OXMP-C Site Cloud Access	\$24 \$50 \$225 \$105 \$70	\$72 \$150 \$1,125 \$525 \$350	\$252 \$525 \$44 \$4,500 \$2,100 \$1,400
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6' Camera,Cellular 12MP Cloud Access Through Sensera Ecam Secure Solar 8 Camera Unit with Monitoring Kit,ea Elite Security Camera Monitoring Service ,ea	Rental Rental Rental Charge Rental Rental	OXMP-C	\$24 \$50 \$225 \$105	\$72 \$150 \$1,125 \$525 \$350	\$252 \$525 \$44 \$4,500 \$2,100 \$1,400
SCAFFOLDS SCAFFOLDS SCAFFOLDS SCAFFOLDS SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA SECURITY CAMERA	Alum Scaffold Planks 1'x12' Perry Scaffold Rolling Scaffolding 6' Camera,Cellular 12MP Cloud Access Through Sensera Ecam Secure Solar 8 Camera Unit with Monitoring Kit,ea Elite Security Camera Monitoring Service ,ea Elite Security Camera Monitoring Service ,ꀓ 1 Camera –,ea	Rental Rental Charge Rental Rental Rental Rental	OXMP-C Site Cloud Access	\$24 \$50 \$225 \$105 \$70	\$72 \$150 \$1,125 \$525 \$350 \$150	\$252 \$525 \$44 \$4,500

Category	Description	Calculation	Model	Daily	Weekly	Monthly
TEMP. POWER & LIGHTS	Generator EU3000	Rental	EU3000	\$28	\$125	\$500
TEMP. POWER & LIGHTS	Generator, 1000 w	Rental		\$19	\$95	\$360
TEMP. POWER & LIGHTS	Generator, 2000w Inverter	Rental	EU2000i	\$40	\$120	\$420
TEMP. POWER & LIGHTS	Generator, EB6500	Rental		\$60	\$180	\$630
TEMP. POWER & LIGHTS	Led High Bay Light	Rental		\$16	\$48	\$168
TEMP. POWER & LIGHTS	LED Stand Lights Cart,	Rental		\$20	\$60	\$210
TEMP. POWER & LIGHTS	Light Cart, 1000w	Rental		\$20		\$210
TEMP. POWER & LIGHTS	Light Stand	Rental		\$8		\$84
TEMP. POWER & LIGHTS	Light Stand Cart	Rental	Cart Light	\$20		\$210
TEMP. POWER & LIGHTS	Light Stand, Wobble	Rental		\$8		\$84
TEMP. POWER & LIGHTS	Light Stringer	Rental		\$8		\$84
TEMP. POWER & LIGHTS	Lighting, Warehouse	Rental		\$3		\$60
TEMP. POWER & LIGHTS	Power Pole 25', With Concrete Base	Rental		\$9		\$175
TEMP. POWER & LIGHTS	Temp Power "Y"/ Pigtail	Rental		\$4		\$42
TEMP. POWER & LIGHTS	Temp Power Booster Box,ea	Rental	6700	\$10		\$200
TEMP. POWER & LIGHTS	Temp Power Box,	Rental	X-Treme	\$6		\$120
TEMP. POWER & LIGHTS	Temp Power Skid 150 KVA	Rental	150 KVA	\$80		\$840
TEMP. POWER & LIGHTS	Temp Power Skid, 45 KVA	Rental	45 KVA	\$50		\$525
TEMP. POWER & LIGHTS	Temp Power Skid, 75 KVA	Rental	75 KVA	\$50		\$525
TEMP. POWER & LIGHTS	Temp Power Skid, 112 KVA	Rental	112.5 KVA	\$60		\$630
TEMP. POWER & LIGHTS	Temp Power Skid, 225 KVA	Rental	225 KVA	\$90		\$945
TEMP. POWER & LIGHTS	Temp, Power Cord 100' - 50 Amp	Rental	ZZJ KVA	\$90		\$943
TEMP. POWER & LIGHTS	Temp. Power Box	Rental	6506-S	\$20		\$210
TEMP. POWER & LIGHTS	Temp. Power Gox Temp. Power Cord 50' - 50 AMP	Rental	000-5	\$12	1.0.0	
			Cilian DDV 2	\$10		\$105 \$525
TEST & MEASUREMENT EQUIPMENT	Abatement Air Sampler	Rental	Gilian BDX 2			
TEST & MEASUREMENT EQUIPMENT	Balance Hood	Rental	00.05	\$50		\$525 \$400
TEST & MEASUREMENT EQUIPMENT	Carbon Monoxide Monitor	Rental	CO-95	\$20		
TEST & MEASUREMENT EQUIPMENT	Chart Recorder Temp/Humidity	Rental		\$40		\$420
TEST & MEASUREMENT EQUIPMENT	Combustible Gas Indicator	Rental	Gas Alert Max	\$20		\$400
TEST & MEASUREMENT EQUIPMENT	Digital Sound Level Meter	Rental	407736	\$40		\$420
TEST & MEASUREMENT EQUIPMENT	Gas Detector	Rental	Quattro	\$20		\$400
TEST & MEASUREMENT EQUIPMENT	Light Meter	Rental	LIGHT METER	\$20		\$210
TEST & MEASUREMENT EQUIPMENT	Manometer/Recorder,	Rental	Omniguard 5	\$40		\$420
TEST & MEASUREMENT EQUIPMENT	Moisture Meter	Rental		\$20		\$210
TEST & MEASUREMENT EQUIPMENT	Monometer w/ Recorder	Rental	Omniguard 4	\$20		\$210
TEST & MEASUREMENT EQUIPMENT	Personal Air Sampler Pump	Rental		\$20		\$400
TEST & MEASUREMENT EQUIPMENT	Sound Meter	Rental	407790	\$8		\$84
TEST & MEASUREMENT EQUIPMENT	Thermometer (Gun)	Rental		\$20		\$210
TRUCKS	F150 Pick up Truck	Rental	F150	\$100		\$1,050
TRUCKS	F250 Pick-up Truck	Rental	F-250	\$120		\$1,260
TRUCKS	F-450 Flatbed 12'	Rental	F-450	\$150		\$1,575
VACUUMS	55gal Shop Vac,ea	Rental	Shop Vac	\$30		\$315
VACUUMS	Abatement Vac	Rental	102	\$50		\$525
VACUUMS	Alto VAC, 8gal	Rental	Alto Attix	\$30	\$90	\$315
VACUUMS	Back Pack Hepa Vac	Rental	FS-6 1074600	\$30	\$90	\$315
VACUUMS	Dewalt 10 gal Hepa	Rental	DWV012	\$30	\$90	\$315
VACUUMS	Dry Vac-VC 40	Rental	VC-40-U	\$40	\$120	\$420
VACUUMS	Euroclean Hepa Vacuum	Rental	GD 930	\$30	\$90	\$315
VACUUMS	HEPA, 10 Gallon	Rental	45	\$30	\$90	\$315
VACUUMS	Nilfisk 12gal Hepa Vac	Rental	GWD360	\$50	\$150	\$525
VACUUMS	Nilfisk, 8gal Hepa Vac	Rental	Aero 21	\$38	\$115	\$400
VACUUMS	ShopVac 10gal	Rental	610B	\$24	\$72	\$252
VACUUMS	Tennant Battery Sweeper 28"	Rental	S8	\$70	\$210	\$735
VACUUMS	Upright Vacuum, Bagless	Rental	SC5845	\$14	\$42	\$147
VACUUMS	Vacuum Cleaner, Dry	Rental	VCD 50	\$40		\$420
VACUUMS	Wet/Dry 12gal Vacuum,	Rental	VC4710	\$20		\$400
WELDING EQUIPMENT	120v Electric Welder	Rental	FP135	\$60		\$630
WELDING EQUIPMENT	240v Electric Welder	Rental	SP-130T	\$60		\$630
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These rates may be used for change orders. Any delivery charges for change orders are to be reviewed and approved in advance.



Revised February 7, 2024

Ms. Jasmine Gao Sr. Project Manager County of San Mateo

Re: County of San Mateo – South San Francisco Wellness Center Letter of Recommendation – General Requirements

Jasmine:

Below for your review is XL Construction's Letter of Recommendation for the General Requirements.

The **General Requirements** are based upon the Project schedule with a 11/28/2023 data date. The basis of the **General Requirements** has been captured in the Basis of GMP for further clarification.

The following values shall be lump sum:

٠	General Requirements GR-1	\$572,183
٠	General Requirements GR-2	\$2,992,313
•	Security Allowance	\$75,000

Please confirm the above by returning this recommendation letter with your signature below. The above values will be reflected in the GMP.

Approved by:_____

Date:_____

Sincerely, XL Construction Corp. Jeff Herbage Senior Project Manager

CC: Chad Hamilton (XL), David Barron (XL), Dan Nielsen (Colbalt)

Attachments:

General Requirements 2023.12.21

GENERAL REQUIREMENTS DETAIL

Project:	CoSM SSF Wellness Center					
Location:	1024 Mission, South San Francisco					
Date:	01/03/24					

Total General Requirements

Security Allowance

GC,GR,					4.2,000
CoW					
TRAVEL AND LODGING (Div 6: mass timber factory visits)					
01-1292 Travel	3	ls	\$4,500		\$4,500.00
01-1293 Lodging	3	ls	\$2,250		\$2,250.00
01-1295 Meals / Expenses	3	ls	\$3,750)	\$3,750.00
CoW TOTAL COST: TRAVEL AND LODGING (Div 6: mass timber factory visits)				\$0	<mark>\$10,500.00</mark>

JOBSITE TRAILERS	#	Months	Total Months					
01-1200 Jobsite Trailer w/ office furniture - single wide 12x60	2.0	25.3	50.5	month		\$2,850	\$144,051	
01-1200 Jobsite Trailer Modifications (maintenace)			1.0	ea		\$12,000	\$12,000	
01-1200 Jobsite trailer furniture purchase			1.0	ls		\$7,500	\$7,500	
Temp Power for Trailers								
Temp Water for Trailers								
Fire Equipment								
01-1205 Storage Sheds	2.0	25.3	50.5	month		\$350	\$17,691	
GR TOTAL COST: JOBSITE TRAILERS							\$204,442	\$0.00

JOBSITE TRAILERS SERVICES

01-1220 Jobsite Radios Cost is per radio	1.0	ls		\$1,200	\$1,200	
01-1233 250 Gallon holding tank rental & service - 1X service / week	25.3	month		\$325	\$8,213	
01-1233 250 Gallon holding tank delivery / setup / removal	2.0	ea		\$300	\$600	
01-1250 Copier - Full Size	25.3	month		\$750	\$18,954	
GR TOTAL COST: JOBSITE TRAILERS SERVICES					\$28,968	\$0.00

JOBSITE TRAILERS IT SERVICES

01-1211	IT Trailer Setup & Equipment + Takedown	2.0	ls		\$1,200	\$2,400	
01-1241	Internet Connection setup	1.0	ls		\$200	\$200	
01-1241	Internet Connection service	25.3	month		\$700	\$17,691	
01-1211	Network Box	25.3	month		\$225	\$5,686	
01-1208	Conference Room Kit + 70" TV	1.0	ls		\$6,000	\$6,000	
01-1211	Verizon Back Up Internet	25.3	month		\$40	\$1,011	
01-1245	Textura - Cloud Billing Costs	3.0	ls		\$15,000	\$45,000	

	GR1	GR2
weeks :	109.43	
months :	25.27	
ootprint:	27,000	
area :	77,614	
	General	General
	Requirements 1	Requirements 2
	\$572,183	\$2,992,313
		\$75,000

01-1930	360 Degree Camera	1.0	ls		\$650	\$650	
01-1261	Computers and software licenses (Based on Total Staff Hours)	207.1	month		\$756	\$156,544	
GR	TOTAL COST: JOBSITE TRAILERS IT SERVICES					\$235,182	\$0.00

COPY, PRINTING AND OFFICE SUPPLIES

01-1270	Reproductions	25.3	month		\$750	\$18,954	
01-1280	Postage and Courier	25.3	month		\$75	\$1,895	
01-1290	Office Supplies	25.3	month		\$900	\$22,745	
01-1295	Team Meals / Meeting Meals	25.3	month		\$750	\$18,954	
01-1291	Drinking Water / Coffee	25.3	month		\$300	\$7,582	
01-1290	Pull Planning Whiteboards	1.0	ls		\$1,000	\$1,000	
GR	TOTAL COST: COPY, PRINTING AND OFFICE SUPPLIES		\$71,130	\$0.00			

	CLEAN UP AND DEBRIS	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Total		
01-1500	Laborer Foreman - Site - See Detailed Staffing Plan			506,511.00	25.27219	1,000	25,272.19			\$531,783		\$531,783.19
01-7490	Debris Boxes (check location)				101.1	1,400	141,524.25			\$141,524		\$141,524.25
CoW	TOTAL COST: CLEAN UP AND DEBRIS										\$0	\$673,307.44

	TEMPORARY TOILETS	# of Units	Cost/Unit					
01-5200	Temporary Toilets - 2X service / week	8	\$400	25.3	month	\$3,200		\$78,971.00
01-5200	2 Station Sink - 2X service / week	4	\$450	25.3	month	\$1,800		\$44,421.00
01-5200	Delivery / pickup of toilets and sinks	12	\$50	1.0	ls	\$1,200		\$1,200.00
CoW	TOTAL COST: TEMPORARY TOILETS						\$0	\$124,592.00

TEMPORARY FACILITIES

01-5600	Temporary Fence	2,400.0	lf		\$16		\$38,400.00	
01-5210	Move Fence for Sequencing		128.0	hrs		\$114		\$14,555.82
CoW	TOTAL COST: TEMPORARY FACILITIES	\$0	<mark>\$52,955.82</mark>					

COVID -19 REQUIREMENTS

GC TOTAL COST: COVID -19 REQUIREMENTS

_	TEMPORARY POWER / LIGHTING	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Total		
01-1600	Temp Power and Lighting									\$0		\$0.00
01-1600	LED Stand Lights Cart (27)							124,740.00		\$124,740		\$124,740.00
01-1600	Temp Power "Y"/ Pigtail (7)							6,468.00		\$6,468		\$6,468.00
01-1600	Temp Power Box (16)							42,240.00		\$42,240		\$42,240.00
01-1600	Temp Power Skid 150 KVA							18,480.00		\$18,480		\$18,480.00
01-1600	Temp. Power Cord 50' - 50 AMP (16)							36,963.00		\$36,963		\$36,963.00
CoW	TOTAL COST: TEMPORARY POWER / LIGHTING										\$0	\$228,891.00

JOBSITE SAFETY	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Total	
01-1411 Perimeter Protection - Temp Safety Rail/Cable			-			-	126,000.00	-	\$126,000	\$126,000.00
01-1412 Waterfilled Safety Barriers (Temp Trailer Area)							11,000.00		\$11,000	\$11,000.00

Adjust/Project

\$0	

01.1400			-			-		\$0		\$0.00
01-1420	Barriers, Water Filled (Construction Site) (10)						11,000.0	\$11,000		\$11,000.00
01-1420	Cable Protector, 4 Channel (20)						17,600.0	\$17,600		\$17,600.00
01-1420	Cones (30)						6,600.0	\$6,600		\$6,600.00
01-1420	Orange Deliniators (60)						13,200.0	\$13,200		\$13,200.00
01-1420	IPAD - Equipment + WiFi/Data Plan (2)						9,240.0	\$9,240		\$9,240.00
01-1420	Fall Protection Kit (3)						13,200.0	\$13,200		\$13,200.00
01-1420	Full Body Harness (3)						5,280.0	\$5,280		\$5,280.00
01-1420	Spill Kit (3)						6,600.0	\$6,600		\$6,600.00
01-1420	Stretcher						4,400.0	\$4,400		\$4,400.00
01-1420	Sensera Camera, Kit.						12,100.0	\$12,100		\$12,100.00
01-1413	Trench Plates - See Earthwork		-			-		\$0		\$0.00
01-1440	Jobsite Signage						4,500.0	\$4,500		\$4,500.00
01-1455	Fire Extinguishers		-	20	80	1,600.00		\$1,600		\$1,600.00
CoW	TOTAL COST: JOBSITE SAFETY								\$0	\$242,320.00

INVESTIGATION	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Total		
01-1431 Soil Testing - See Earthwork			-		-	-			\$0		\$0.00
01-1432 Potholing / Utility Locating - See Earthwork			-			-			\$0		\$0.00
CoW TOTAL COST: INVESTIGATION										\$0	<mark>\$0.00</mark>

LAYOUT AND CONTROL	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Total		
01-1911 Carpenter Foreman - See Detailed Staffing Plan			662,725.00		-	-	13,000.00	24,000.00	\$699,725		\$699,725.00
01-1911 Foreman OT (Includes 8 Hrs/Mo x Straight Rate x 1.5)			48,394.44			-			\$48,394		\$48,394.44
CoW TOTAL COST: LAYOUT AND CONTROL										\$0	<mark>\$748,119.44</mark>

	ACCESS & MATERIAL MANAGEMENT	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Total		
01-5450	Forklift / Gradall (Equipment, Fuel, Transporation, Misc.)			-		-	-	109,760.00		\$109,760		\$109,760.00
01-5450	Laborer - Driver & Maintenance - See Detailed Staffing Plan			267,122.00	25.27219	500	12,636.09			\$279,758		\$279,758.09
CoW	TOTAL COST: ACCESS & MATERIAL MANAGEMENT	Г									\$0	<mark>\$389,518.09</mark>

_	TEMPORARY CONDITIONS	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Total		
01-5130	Temp Heating			-		-	-		15,000.00	\$15,000		\$15,000.00
01-7600	Protection of existing / finishes (Carpenter 2025)	868	153.170325	132,951.84		-	-		23,000.00	\$155,952		\$155,951.84
CoW	TOTAL COST: TEMPORARY CONDITIONS										\$ 0	\$170,951.84

	SITE CONDITIONS	Labor Hrs	Rate	S/Total	Mat/Sub	Rate	S/Total	Equip-Sum	Other	Total		
01-1204	Mobilization / Demobilization	100	\$232	23,223		-	-			\$23,223		\$11,372.00
01-8100	Dewatering - INLCUDED IN WINTER WEATHER ALLOW	ANCE		-		-	-		-	\$0		\$0.00
01-8110	SWPPP - Installation, Maintenance, Removal (Laborer 2025)	877.45035	113.717363	99,781.34		-	-	9,000.00	27,000.00	\$135,781		\$135,781.34
01-7460	Street Cleaning - See Earthwork			-			-			\$0		\$0.00
01-5520	Temporary Roads / Parking / Staging			-		-	-		20,000.00	\$20,000		\$20,000.00
CoW	TOTAL COST: SITE CONDITIONS										\$0	<mark>\$167,153.34</mark>

EQUIPMENT RENTALS	Labor Hrs	Rate	S/Total	Mat/Sub	Rate	S/Total	Equip-Sum	Other	Total	
01-3940 Site Access Equipment & Equipment Rentals									\$0	\$0.00

01-3940 1 CY Debris Cart (3)				16,632	\$16,632		\$16,632.00
01-3940 DFH Utility Cart				3,234	\$3,234		\$3,234.0
01-3940 Knaack Large Gang Box				4,620	\$4,620		\$4,620.0
01-3940 Pallet Jack				5,544	\$5,544		\$5,544.0
01-3940 Wheelbarrow (2)				2,772	\$2,772		\$2,772.0
01-3940 2pc Combo Kit, Drill - Impact (2)				7,040	\$7,040		\$7,040.0
01-3940 20v SDS Plus Rotohammer				5,544	\$5,544		\$5,544.00
01-3940 Powder Actuated Gun				2,640	\$2,640		\$2,640.0
01-3940 Ladder, 6' Fiberglass Step Ladder				1,512	\$1,512		\$1,512.00
01-3940 Ladder, 8' Fiberglass Step Ladder				1,890	\$1,890		\$1,890.14
01-3940 Ladder, 10' Fiberglass Step Ladder				2,268	\$2,268		\$2,268.00
01-3940 Ladder, 24' Extension Ladder				2,646	\$2,646		\$2,646.14
01-3940 Cordless Blower,ea				1,760	\$1,760		\$1,760.00
01-3940 20v Cordless Grinder,ea (2)				5,280	\$5,280		\$5,280.00
01-3940 7-1/4 Skillsaw,ea				2,200	\$2,200		\$2,200.00
01-3940 18v Cordless Sawzall,ea				3,520	\$3,520		\$3,520.00
01-3940 PortaBand				3,520	\$3,520		\$3,520.00
01-3940 Magnetic Sweeper				1,386	\$1,386		\$1,386.18
01-3940 Conference Cam				924	\$924		\$924.00
01-3940 Conference Room Chairs (10)				2,309	\$2,309		\$2,309.12
01-3940 Sump Pump, 1hp w/ float (3)				7,920	\$7,920		\$7,920.00
01-3940 Dewalt 10 gal Hepa				6,930	\$6,930		\$6,930.18
01-3940 Moisture Meter				630	\$630		\$630.00
01-3940 Conference Room Table (2)				924	\$924		\$924.35
01-3940 ARROW Driver,ea				5,975	\$5,975		\$5,975.40
01-3940 Conex Delivery Fee,ea				650	\$650		\$650.00
01-3940 Pick Up Conex Fee,ea				650	\$650		\$650.00
01-3940 Shop Delivery /Pick Up Equipment				16,887	\$16,887		\$16,887.0
01-3940 Rentals Sales Tax				48,794	\$48,794		\$48,794.49
01-3941 Construction Tech. (Drone, Scanning, Prog. Photos)					\$0		\$0.00
01-3941 Daily use fee for Drone (30)				1,500.00	\$1,500		\$1,500.00
01-3941 Daily use fee for Laser Scanner (6)				3,000.00	\$3,000		\$3,000.00
01-3941 Daily use fee for Matterport Camera (95)				9,526.00	\$9,526		\$9,526.0
01-3941 Daily use fee for Total Station (15)				3,375.00	\$3,375		\$3,375.00
CoW TOTAL COST: EQUIPMENT RENTALS (Second	ee Arrow Rental Rates	for Detail)				\$0	\$184,004.00

		OTHER	Labor Hrs	Rate	S/Total	Material	Rate	S/Total	Equip-Sum	Other	Тс
01-	9999	Certified Payroll & LCP Tracker			-		-	-		32,461	
	GR	TOTAL COST: OTHER									

Total General Requirements Security Allowance

\$32,461	\$32,461	
	\$32,461	\$0.00
	General	General
	Requirements 1	Requirements 2
	\$572,183	\$2,992,313
		\$75,000
		\$3,067,313

Detailed Staffing Plan

				2023			2024													202	5												20	26							
Job Title		Hourly R	- 4 -	N D Total	TT1	T	\mathbf{J}	F	M A	A	M J	I J	A	S	Ο	N	D	Total		J	F	M	Α	Μ	J J	Α	S	0	N	D T	Fotal	TT	J.	F	M	Α	M Tot	tal	Total Proj - Hrs		tal Labor
Job Litte		Houriy B	ate	11 12 Hours	s Houriy	Equiv	1	2	3 4	4	5 6	5 7	8	9	10	11	12	Hours	Houriy Equi	v 1	2	3	4	5	6 7	8	9	10	11	12 H	Iours	Houriy Equ	IV 1	. 2	3	4	5 Hou	ars	Proj - Hrs	100	tai Labor
Ancillary Support Staff																																									
Carp. Foreman	Check-in, Layout, Coordination	\$ 14	17.35	0.00	\$	54.72		87	73 17	73	173 17	73 173	173	173	173	173	173	1817	\$ 162.4	5 173	173	173	173	173 1	73 173	173	173	173	173	173 2	2076	\$ 170.	58 17	3 87			260.	.00	4153.00	\$	662,725
Carpenter	For Timber Erection	\$ 13	88.93	0.00	\$	45.88												0.00	\$ 153.1	7											0	\$ 160.	83				0.0	00	0.00	\$	-
Total Carpenters																																									
Labor Foreman	Clean-up, Temp Barriers, Safety	\$ 11	2.62	0.00	\$	18.25		87	73 17	73	173 17	73 173	173	173	173	173	173	1817	\$ 124.1	6 173	173	173	173	173 1	73 173	173	173	173	173	173 2	2076	\$ 130.	37 17	3 87			260.	.00	4153.00	\$	506,511
Laborer	Gradall, Site Maintenance	\$ 10)3.15	0.00	\$	08.30												0.00	\$ 113.7	2 173	173	173	173	173 1	73 173	173	173	173	173	173 2	2076	\$ 119.4	40 17	3 87			260.	.00	2336.00	\$	267,122

Equipment Rentals		11/21/2	3		Rental Rates			
					Monthly		Rental	
Category	Description	# Reqd	Rental Period	Units	Mos	SubTotal	Sub-Total	Notes
BUILDERS LEVELS & INSTRUMENTS	Laser Level, Handheld	1	22	Mos	\$ 210.00	\$ 4,620		Carpenter Foreman
BUILDERS LEVELS & INSTRUMENTS	Line+Poin, Green Laser.	1	22	Mos	\$ 315.00	\$ 6,930		Carpenter Foreman
DEBRIS CARTS & CHUTES	1 CY Debris Cart	3	22	Mos	\$ 252.00	\$ 16,632	\$ 16,632	Other: Equip Rentals
DOLLIES, CARTS & BOXES	DFH Utility Cart	1	22	Mos	\$ 147.00	\$ 3,234	\$ 3,234	Other: Equip Rentals
DOLLIES, CARTS & BOXES	Knaack Large Gang Box	1	22	Mos	\$ 210.00	\$ 4,620	\$ 4,620	Other: Equip Rentals
DOLLIES, CARTS & BOXES	Pallet Jack	1	22	Mos	\$ 252.00	\$ 5,544	\$ 5,544	Other: Equip Rentals
DOLLIES, CARTS & BOXES	Wheelbarrow	2	22	Mos		\$ 2,772		Other: Equip Rentals
DRILLS, ROTOHAMMERS & SHOTGUNS		2	22	Mos		\$ 7,040		Other: Equip Rentals
DRILLS, ROTOHAMMERS & SHOTGUNS		1	22	Mos	•	\$ 5,544		Other: Equip Rentals
DRILLS, ROTOHAMMERS & SHOTGUNS		1	22	Mos		\$ 2,640		Other: Equip Rentals
LADDERS	Ladder, 6' Fiberglass Step Ladder	1	18	Mos		\$ 1,512	\$ 1,512	Other: Equip Rentals
LADDERS	Ladder, 8' Fiberglass Step Ladder	1	18	Mos		\$ 1,890	\$ 1,890	Other: Equip Rentals
LADDERS	Ladder, 10' Fiberglass Step Ladder	1	18	Mos		\$ 2.268	\$ 2.268	Other: Equip Rentals
LADDERS	Ladder. 24' Extension Ladder	1	18	Mos		\$ 2.646		Other: Equip Rentals
MISC. TOOLS	Cordless Blower.ea	1	22	Mos		\$ 1,760		Other: Equip Rentals
MISC. TOOLS	20v Cordless Grinder.ea	2	22	Mos		\$ 5.280		Other: Equip Rentals
MISC. TOOLS	7-1/4 Skillsaw.ea	1	22	Mos		\$ 2,200	· · /= · ·	Other: Equip Rentals
MISC. TOOLS	18v Cordless Sawzall,ea	1	22	Mos	-	\$ 3,520	\$ 3,520	Other: Equip Rentals
MISC. TOOLS	PortaBand	1	22	Mos		\$ 3,520	\$ 3,520	Other: Equip Rentals
MISC. TOOLS	Magnetic Sweeper	1	22	Mos		\$ 1,386	. ,	Other: Equip Rentals
MISC EQUIPMENT	Conference Cam	1	22	Mos		\$ 924	\$ 924	Other: Equip Rentals
MISC EQUIPMENT	Conference Room Chairs	10	22	Mos		\$ 2,309		Other: Equip Rentals
MISC EQUIPMENT	Sump Pump, 1hp w/ float	3	22	Mos		\$ 7,920		Other: Equip Rentals
MISC EQUIPMENT	Dewalt 10 gal Hepa	1	22	Mos		\$ 6,930	\$ 6,930	Other: Equip Rentals
MISC EQUIPMENT	Moisture Meter	1	3	Mos		\$ 630	\$ 630	Other: Equip Rentals
MISC EQUIPMENT	Conference Room Table	2	22	Mos	-	\$ 924	\$ 924	Other: Equip Rentals
PERIMETER SAFETY/PROTECTION	Barriers, Water Filled	10	22	Mos	\$ 50.00	\$ 11,000		Safety Equipment
PERIMETER SAFETY/PROTECTION	Cable Protector, 4 Channel	20	22	Mos		\$ 17,600		Safety Equipment
PERIMETER SAFETY/PROTECTION	Cones	30	22	Mos		\$ 6.600		Safety Equipment
PERIMETER SAFETY/PROTECTION	Orange Deliniators	60	22	Mos	\$ 10.00	\$ 13,200		Safety Equipment
SAFETY EQUIPMENT	IPAD - Equipment + WiFi/Data Plan	2	22	Mos		\$ 9,240		Safety Equipment
SAFETY EQUIPMENT	Fall Protection Kit	3	22	Mos		\$ 13,200		Safety Equipment
SAFETY EQUIPMENT	Full Body Harness	3	22	Mos	\$ 80.00	\$ 5,280		Safety Equipment
SAFETY EQUIPMENT	Slab Grabber	350	9	Mos	\$ 40.00	\$ 126,000		Jobsite Safety
SAFETY EQUIPMENT	Spill Kit	3	22	Mos		\$ 6,600		Safety Equipment
SAFETY EQUIPMENT	Stretcher	1	22	Mos	\$ 200.00	\$ 4,400		Safety Equipment
SECURITY CAMERA	Sensera Camera, Kit.	1	22	Mos	\$ 550.00	\$ 12,100		Safety Equipment
TEMP. POWER & LIGHTS	LED Stand Lights Cart,	27	22	Mos		\$ 124,740		Temp Pwr & Light
TEMP. POWER & LIGHTS	Temp Power "Y"/ Pigtail	7	22	Mos		\$ 6,468		Temp Pwr & Light
TEMP. POWER & LIGHTS	Temp Power Box,	16	22	Mos		\$ 42,240		Temp Pwr & Light
TEMP. POWER & LIGHTS	Temp Power Skid 150 KVA	1	22	Mos		\$ 18,480		Temp Pwr & Light

		Total	Equipment Re	ental to S	Summary Sho	eet	,	\$ 166,603	· · · · ·
EXTRA	Sales Tax			8%		\$	48,794	\$ 48,794	Other: Equip Rentals
DELIVERY	Shop Delivery /Pick Up Equipment	1	51.96	Days		\$	16,887	\$ 16,887	Other: Equip Rentals
DELIVERY	Pick Up Conex Fee,ea	1	2	Days		\$	650	\$ 650	Other: Equip Rentals
DELIVERY	Conex Delivery Fee,ea	1	2	Days		\$	650	\$ 650	Other: Equip Rentals
DELIVERY	ARROW Driver,ea	1	64.95	Days		\$	5,975	\$ 5,975	Other: Equip Rentals
CONSTRUCTION TECHNOLOGY	Daily use fee for Total Station	1	15	Days		\$	3,375		Other: Const Tech
CONSTRUCTION TECHNOLOGY	Daily use fee for Matterport Camera	1	95.26	Days		\$	9,526		Other: Const Tech
CONSTRUCTION TECHNOLOGY	Daily use fee for Laser Scanner	1	6	Days		\$	3,000		Other: Const Tech
CONSTRUCTION TECHNOLOGY	Daily use fee for Drone	1	30	Days		\$	1,500		Other: Const Tech
TEMP. POWER & LIGHTS	Temp. Power Cord 50' - 50 AMP	16	22	Mos	\$ 105.	01 \$	36,963		Temp Pwr & Light

7 - Basis Of Schedule & Construction Schedule

The GMP schedule and Completion date is based upon the following schedule assumptions and key dates.

General Summary

The enclosed schedule is an integral part of the Guaranteed Maximum Price (GMP) package. This Basis of Schedule summary is meant to assist the team in understanding the schedule, augment and clarify activities and logic within it, and qualify assumptions related to it.

Construction Baseline Schedule: with a Data Date of 11/28/2023

Note: any reference made to 'days' in this and all schedule related communication refer to working days, and not calendar days.

The XL team, working in concert with the Architect, Structural, and MEPF design-build partners, has created a work plan and means and methods that allow for an efficient, cost-effective project delivery. The following generally describe Wellness Center Timber Project milestones and major elements of work:

ID	MILESTONE	UPDATE FGMP DD=11/28/23
MXL-C-1300	Building Permit Issued	01-02-24
PRECON-1200	Full GMP Funding CoSM Approval	02-01-24
OCC-1500	Deliver and Set trailers (ready for fit up)	02/07/24
OCC-1600	Move Occupants out of Existing Building	03-08-24
PGE-2100	PG&E Energize Temp. Power	03-21-24
DEMO-1600	Demo Probation Bldg.	04-03-24
MXL-C-1060	Foundations Complete	07-31-24
MXL-C-1010	Structure Complete	11-15-24
MXL-C-1070	Roof top Equipment set	03-26-25
MXL-C-1030	Watertight - Temp Roof Complete-Facade dry in	05-8-25
PGE-2600	Energize PG&E Meter	06-09-25
MM-1072	TCO/Substantial Complete	02-12-26
MM-1060	Project Complete	03-12-26

Clarifications & Areas of Team Focus

The above Milestones are predicated by the following assumptions:

- 1. The GMP is releasing all subcontracts with the exception of the release of the Soil Improvement, Facade, Steel and Timber shop drawings. This schedule is based on a notice to proceed and fully funded GMP on 01-Feb-24. (PRECON-1200)
- 2. Start of Demolition is dependent on the release of funding for the Temporary trailers, procurement and set up of the trailers, and the relocation of tenants. XL will have the Temp office trailers delivered and set by 02/07/24 (OCC-1500). The Owner has directed XL to include 3 weeks for the tenant relocation from the existing building to the temporary trailers. The mobilization for abatement and demolition will begin immediately after the tenant relocation has been completed. Expected tenant relocation is to start on 2/15/24 and finish on 3/08/24. (OCC-1600)

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12/13/2023

- 3. Tenant Improvement will commence after the 3rd floor deck is cured.(MT-3-1700+3 DAYS) This will run concurrent with the installation of the exterior system. Sheetrock and weather sensitive material will not be installed until the curtain wall has been installed on the required floor to limit the possibility of damage due to the elements. Weather provisions will be made for any needed early walls, such as shafts, electrical rooms, IDF closets or other locations needed for overhead rough-in work.
- 4. Permanent Power to the Electrical yard and Transformer is expected to be complete by PG&E by June 09, 2025. (PGE-2600)
- 5. Schedule reflects durations for TI in areas currently shown as shelled areas. With the assumption that the build out will be similar to existing 2nd floor design. This includes assumption that work will be continuous including start up and commissioning. Design documents for construction are expected on 05-16-24. (DSN-1304). Assuming that none of the TI revisions alter the core and shell components.
- 6. Schedule is based on energizing the yard ahead of and independent of completing building electrical rooms. Energization of the Electrical Panels will begin once the building is under Permanent Power and the City has performed their final inspection of the Generator and Main Electrical Yard.
- 7. The schedule includes the 14 deferred submittals listed on page G1.1 of the Permit Submittal set dated 7/11/23.XL has included 20 days for AHJ review and approval. If review times exceed the durations included in the schedule and impact the critical path, The contract schedule will need to be adjusted by Change Order. See schedule WBS section Deferred Submittals within the procurement schedule.
- 8. The schedule assumes the following as it relates to Soil Improvement- Working grade for drill rigs will be existing grade at an elevation between 43' and 44', DDC's will be installed at varied elevations dependent on what element they are to support. 12" Load Transfer Pad (LTP) will be installed at the bottom of each footing to the extent of the footing excavation.. Installation of slab on grade DDC's adjacent to deep foundations will occur after backfill of deep foundations. A 12" LTP that will double as the capillary break to be installed under full extent of slab on grade. If the assumed design of the LTP changes, time will need adjust durations accordingly. Re-evaluation may include, excavation, forming, deeper load transfer pad. Engeo (design team) approval of ground improvement design is expected by 01-18-24. (A788)
- Structural peer review and value engineering decisions are expected to be finalized by 1/5/2024. Included 4 weeks for updates to design documents. Trade partner submittals will begin thereafter. (A1554, A1556)
- 10. The County will enter into a Power Provider Agreement in 2024. The design of the Photovoltaic system will be designed by others. All foundation/conduit work associated with this scope will be handled via change order upon finalization of design. The schedule assumes that the design and permitting timelines align with the sitework grading and paving activities.
- 11. After project completion date of 02-12-26 (MM-1072) XL construction staff will remain on project to complete close out documentation through 03-12-26. (MM-1060)
- 12. Submittal approvals by County Facilities department shall be within the 2 weeks of issuance of submittal. This shall be concurrent with Design Team Review / Approval. Smith Group shall aggregate comments for final submittal response to XL.
- 13. Client Temp Trailer Utilities are scheduled to be completed by 1/31/24. (A1552)

Schedule Clarifications:

1. A separate Schedule has been developed for Procurement and is linked to the Construction schedule. Both Schedules will be submitted for this GMP as well as with the Monthly Schedule Update.

2. There is one Project Calendar assigned to all activities: 4567 - 5-day work week w/ basic holidays. **WE BUILD TO IMPROVE LIVES.**

12/13/2023

- a. The holidays included in the calendar are:
 - i. Labor Day
 - ii. Thanksgiving and the following Friday
 - iii. Christmas Day
 - iv. New Year's Day
 - v. Presidents Day
 - vi. Memorial Day
 - vii. July 4th
 - viii. In addition Standard Union Designated Day Off days are included as non work days. A list of these holidays are available upon request.
- b. If the holiday falls on a Saturday, the preceding Friday will be observed as the holiday.
- c. If the holiday falls on a Sunday, the following Monday will be observed as the holiday.
- d. There is currently no work scheduled to occur on weekends.
- 3. Submittal review time of 14 calendar days/10 working days has been applied to the schedule. No revision time has been included.
- 4. All RFI's to be included in the schedule as they occur, with a 7 calendar day/5 working day duration response period, which includes consultant review.
- 5. Weather allowance of 35 working days has been incorporated into the schedule.
 - a. Activity IDs:
 - i. A984 Weather Allowance 15 working days for the year 2024
 - ii. A986 Weather Allowance 15 working days for the year 2025
 - iii. A988 Weather Allowance 5 working days for the year 2026

Longest/Critical Path:

The longest path runs through the Tenant move out of probation building, demo, soil improvement, foundation, Superstructure, Elevator, Facade, .1st floor TI, and elevator sign off.

Schedules Attached:

- XL-4567-1 County of San Mateo SSF Wellness Center- Mass Timber 2023-11-28
 - Full FGMP Construction Schedule

vity ID	Activity Name	Original Duration	Start	Finish		20)24		
					Dec Jan Feb Mar	Apr May Jun	Jul Aug Sep C	Oct Nov Dec	Jan F
County of San N	lateo SSF Wellness Center	554	22-Dec-23	12-Mar-26		1			1
MILESTONES		554	22-Dec-23	12-Mar-26					
Contract Milestone	es	20	12-Feb-26	12-Mar-26					
MM-1072	TCO/Substantial Complete	0		12-Feb-26					1
MM-1060	Project Complete	0		12-Mar-26		1			1
Owner Milestones	/Key Deliverables	15	13-Feb-26	05-Mar-26					
A1000	Owner Furniture Move-In	15	13-Feb-26	05-Mar-26					
XL Milestones		534	22-Dec-23	12-Feb-26					-
Start Milestones		534	22-Dec-23	12-Feb-26	•				-
MXL-C-1100	Telecom Infrastructure complete to begin demo	0		22-Dec-23	Telecom Infrastr	ucture complete t	o begin demo		
MXL-C-1300	Building Permit Issued	0		02-Jan-24	Building Perm	it Issued			
MXL-1005	Mobilization	0	05-Feb-24		 Mobiliza 	tion			
MXL-1025	Start Facade Mock up	0	08-Mar-24		♦ St	tart Facade Mock	up		
MXL-1220	Start Fab & Deliver Structural Steel	0	11-Mar-24		♦ S	tart Fab & Delive	r Structural Steel		
MXL-1015	Start - Demo (includes abatement)	0	12-Mar-24		♦ 5	tart - Demo (inclu	ides abatement)		
MXL-1150	Start - Construction (Grading, post demo)	0	24-Apr-24			 Start - Cor 	struction (Grading,	post demo)	
MXL-1240	Start DDC (ground improvement)	0	24-Apr-24			Start DDC	(ground improveme	ent)	
MXL-1180	Start - Foundation	0	15-May-24			♦ Start -	Foundation		
MXL-1260	Start Timber Fabrication	0	19-Jul-24				♦ Start Timber F	abrication	
MXL-C-1060	Foundations Complete	0		31-Jul-24			 Foundation 	s Complete	
MXL-1250	Start Slab on Grade	0	08-Aug-24				 Start Slab 	on Grade	
MXL-1010	Start - Structure-Steel	0	06-Sep-24				♦ Start	- Structure-S	eel
A1010	Start Timber Erection	0	23-Oct-24					 Start Time 	er Erec
MXL-C-1010	Structure Complete	0		15-Nov-24				Struct	ture Co
MXL-1190	Start - Facade	0	07-Jan-25						🔶 Sta
MXL-1170	Start - Construction - TI	0	14-Jan-25						♦ S
MXL-1290	Start East parking lot	0	15-Jan-25						♦ S
MXL-1300	Start Photovoltaic (parking area)	0	20-Jan-25						•
MXL-C-1220	First day of Framing	0	21-Jan-25						•
MXL-1020	Roof Complete	0		05-Mar-25					
MXL-C-1070	Roof top Equipment boilers, tanks, pumps	0		26-Mar-25		1			
MXL-1310	Set Air Handler	0		09-Apr-25					
MXL-C-1040	Overhead Complete (Rough-In)	0		01-May-25					
MXL-C-1030	WatertightFacade dry in	0		08-May-25					
MXL-1230	First day of Drywall	0	09-May-25			1 1 1			
MXL-1210	Elevator Ready to energize	0		22-May-25					
MXL-1270	Green Tag	0	02-Jun-25						
MXL-C-1080	PG&E Power On	0		09-Jun-25					
MXL-1200	Start - Pre-functional Testing	0	09-Jun-25			- - 			
MXL-1100	Energize Equipment	0	09-Jun-25			 	 		
MXL-C-1020	Facade Complete	0		11-Jun-25					
MXL-C-1050	Main Electrical Room/IDF - Room Ready	0		16-Jun-25					
MXL-1035	Complete Photovoltaic (must finish by 04/2026)	0		24-Jul-25					
MXL-C-1110	Site Work Complete	0		03-Oct-25					
MXL-1280	Elevator Sign off	0		15-Dec-25		; ; ;	, , , , , , , , , , , , , , , , , , ,		
MXL-C-1120	Construction Substantially Complete	0		12-Feb-26					
CoSM Wellness	Center - Procurement Schedule	354	28-Nov-23	21-Apr-25					-

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East p	arking lot	1 1 1	1 1 1		
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♦ Ro	of Complete	1 1 1			
۲	Roof top Equipr	nent boilers, tanl	ks, pumps		
	Set Air Handl	er	 		
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		y of Drywall			
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		G&E Power On	al Testing		
		tart - Pre-function			
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			om/IDF - Room F	Readv	
	Ŧ	i.	i	st finish by 04/20	26)
			Site Work Con		- /
			1	Elevator Sign off	
		, ,		Constri	uction S
	CoSM Wel	ness Center - Pr	ocurement Scheo	ule	
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ity ID	Activity Name	Original Duration	Start	Finish	2024 2025 2026 Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
DELEGATED DESIG	N/DEFERRED SUBMITTALS	119	12-Dec-23	04-Jun-24	DELEGATED DESIGN/DEFERRED SUBMITTALS
DEFERRED SUBM		119	12-Dec-23	04-Jun-24	V DEFERRED SUBMITTALS
	ROUND IMPROVEMENT SYSTEM	40	05-Mar-24	29-Apr-24	PROPRIETARY GROUND IMPROVEMENT SYSTEM
DDCSUB-1000	Develop and submit DDC	10	05-Mar-24	18-Mar-24	Develop and submit DDC
DDCSUB-1100	City Review and Comment DDC	20	19-Mar-24	15-Apr-24	City Review and Comment DDC
DDCSUB-1200	Recieve Plan check comments DDC	0		15-Apr-24	◆ Recieve Plan check comments DDC
DDCSUB-1300	Respond to comments, resubmit DDC	5	16-Apr-24	22-Apr-24	Respond to comments, resubmit DDC
DDCSUB-1400	Approve deferred submittal DDC	5	23-Apr-24	29-Apr-24	Approve deferred submittal DDC
DDCSUB-1500	Permit Issued deferred submittal DDC	0		29-Apr-24	◆ Permit Issued deferred submittal DDC
	AINED BRACES FRAMES	110	12-Dec-23	20-May-24	BUCKLING RETRAINED BRACES FRAMES
BRBSUB-1000	Develop and submit BRB	20	12-Dec-23	10-Jan-24	Develop and submit BRB
BRBSUB-1100	City Review and Comment BRB	20	11-Jan-24	08-Feb-24	City Review and Comment BRB
BRBSUB-1200	Recieve Plan check comments BRB	0	TT OUT 24	08-Feb-24	♦ Recieve Plan check comments BRB
BRBSUB-1300	Respond to comments, resubmit BRB	5	09-Feb-24	15-Feb-24	Respond to comments, resubmit BRB
BRBSUB-1400	Approve deferred submittal BRB	5	20-Feb-24	26-Feb-24	Approve deferred submittal BRB
BRBSUB-1500	Permit Issued deferred submittal BRB	0	2010521	26-Feb-24	 Permit Issued deferred submittal BRB
BRBSUB-1600	Fabricate & Deliver BRB	60	27-Feb-24	20-May-24	Fabricate & Deliver BRB
	(FULL SPRINKLER AND STANDPIPE)	76	14-Feb-24	04-Jun-24	▼ FIRE SPRINKLER (FULL SPRINKLER AND STANDPIPE)
FSSUB-1000	Develop and submit FS	20	14-Feb-24	14-Mar-24	Develop and submit FS
FSSUB-1100	City Review and Comment FS	20	15-Mar-24	11-Apr-24	City Review and Comment FS
FSSUB-1200	Recieve Plan check comments FS	0	13-Wai-24	17-May-24	♦ Recieve Plan check comments FS
FSSUB-1300	Respond to comments, resubmit FS	5	20-May-24	28-May-24	 Respond to comments, resubmit FS
FSSUB-1400	Approve deferred submittal FS	5	29-May-24	04-Jun-24	 Approve deferred submittal FS
FSSUB-1500	Permit Issued deferred submittal FS	0	23-111ay-24	04-Jun-24	 Approve defended submittal FS Permit Issued deferred submittal FS
FIRE ALARM (VOIC		76	14-Feb-24	04-Jun-24	▼ FIRE ALARM (VOICE EVACUATION)
FASUB-1000			14-Feb-24		
	Develop and submit FA	20		14-Mar-24	Develop and submit FA
FASUB-1100 FASUB-1200	City Review and Comment FA Recieve Plan check comments FA	20	15-Mar-24	11-Apr-24 17-May-24	City Review and Comment FA
FASUB-1300	Respond to comments, resubmit FA	0	20-May-24	28-May-24	Recieve Plan check comments FA Recieve Plan check comments FA Recieve Plan check comments FA
FASUB-1400	Approve deferred submittal FA	5	20-May-24 29-May-24	04-Jun-24	 Respond to comments, resubmit FA Approve deferred submittal FA
FASUB-1500	Permit Issued deferred submittal FA	0	29-11/ay-24	04-Jun-24	 Approve defended submittal FA Permit Issued deferred submittal FA
		50	05-Feb-24	16-Apr-24	✓ Permit issued deleted submittal PA ✓ ELEVATORS
ELEVATORS					
ELEVSUB-1000	Develop and submit Elevator	20	05-Feb-24	05-Mar-24	Develop and submit Elevator
ELEVSUB-1100	City Review and Comment Elevator	20	06-Mar-24	02-Apr-24	City Review and Comment Elevator
ELEVSUB-1200	Recieve Plan check comments Elevator	0	02.4==04	02-Apr-24	Recieve Plan check comments Elevator
ELEVSUB-1300 ELEVSUB-1400	Respond to comments, resubmit Elevator	5	03-Apr-24	09-Apr-24	Respond to comments, resubmit Elevator
ELEVSUB-1400	Approve deferred submittal Elevator Permit Issued deferred submittal Elevator	5	10-Apr-24	16-Apr-24	 Approve deferred submittal Elevator Permit Issued deferred submittal Elevator
		50	12 Dec 22	16-Apr-24	✓ Permit issued defended submittal Elevator ✓ PREFABRICATED METAL STAIR 1002
	METAL STAIR 1002		12-Dec-23	26-Feb-24	
STAIRSUB-1000	Develop and submit Metal Stairs	20	12-Dec-23	10-Jan-24 08-Feb-24	Develop and submit Metal Stairs
STAIRSUB-1100 STAIRSUB-1200	City Review and Comment Metal Stairs Recieve Plan check comments Metal Stairs	20	11-Jan-24	08-Feb-24	City Review and Comment Metal Stairs ♦ Recieve Plan check comments Metal Stairs
STAIRSUB-1200	Recieve Plan check comments Metal Stairs Respond to comments, resubmit Metal Stairs	5	09-Feb-24	08-Feb-24 15-Feb-24	 Recieve Plan check comments Metal Stairs Respond to comments, resubmit Metal Stairs
STAIRSUB-1300	Approve deferred submittal Metal Stairs	5	20-Feb-24	26-Feb-24	Approve deferred submittal Metal Stairs
STAIRSUB-1400	Permit Issued deferred submittal Metal Stairs	0	20-1 50-24	26-Feb-24	 Approve defended submittal Netal Stairs Permit Issued deferred submittal Metal Stairs
	STORE FRONT SYSTEMS	50	14-Feb-24	25-Apr-24	▼ Permit issued defended submittal Metal Stairs WINDOW WALL/ STORE FRONT SYSTEMS
STRFRNT-SUB-1000		20	14-Feb-24	25-Api-24 14-Mar-24	Develop and submit Facade
	שייכוטף מווע שטאוווג רמשמש	20	14-FCD-24	1+-IVIAI-24	
Remaining Level	of Effort Actual Work Critical Remaini	ng Work		Dere	2 of 34 Data Date: 28-Nov-23



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ctivity ID	Activity Name	Original Duration	Start	Finish	2024 2025 2026
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STRFRNT-SUB-1100	City Review and Comment Facade	20	15-Mar-24	11-Apr-24	City Review and Comment Facade
STRFRNT-SUB-1200	Recieve Plan check comments Facade	0		11-Apr-24	♦ Recieve Plan check comments Facade
STRFRNT-SUB-1300	Respond to comments, resubmit Facade	5	12-Apr-24	18-Apr-24	Respond to comments, resubmit Facade
STRFRNT-SUB-1400	Approve deferred submittal Facade	5	19-Apr-24	25-Apr-24	Approve deferred submittal Facade
STRFRNT-SUB-1500	Permit Issued deferred submittal Facade	0		25-Apr-24	Permit Issued deferred submittal Facade
	ONDERS RADIO SYSTEM (ERRCS)	50	14-Feb-24	25-Apr-24	EMERGENCY RESPONDERS RADIO SYSTEM (ERRCS)
ERRCS-SUB-1000	Develop and submit ERRCS	20	14-Feb-24	14-Mar-24	Develop and submit ERRCS
ERRCS-SUB-1100	City Review and Comment ERRCS	20	15-Mar-24	11-Apr-24	City Review and Comment ERRCS
ERRCS-SUB-1200	Recieve Plan check comments ERRCS	0		11-Apr-24	♦ Recieve Plan check comments ERRCS
ERRCS-SUB-1300	Respond to comments, resubmit ERRCS	5	12-Apr-24	18-Apr-24	Respond to comments, resubmit ERRCS
ERRCS-SUB-1400	Approve deferred submittal ERRCS	5	19-Apr-24	25-Apr-24	Approve deferred submittal ERRCS
ERRCS-SUB-1500	Permit Issued deferred submittal ERRCS	0		25-Apr-24	Permit Issued deferred submittal ERRCS
PREFABRICATED ME	ECHANICAL SCREEN WALL	50	14-Feb-24	25-Apr-24	V PREFABRICATED MECHANICAL SCREEN WALL
MECHSCRN-SUB-1000	Develop and submit Mechanical Screen Wall	20	14-Feb-24	14-Mar-24	Develop and submit Mechanical Screen Wall
MECHSCRN-SUB-1100	City Review and Comment Mechanical Screen Wall	20	15-Mar-24	11-Apr-24	City Review and Comment Mechanical Screen Wall
MECHSCRN-SUB-1200	Recieve Plan check comments Mechanical Screen Wall	0		11-Apr-24	 Recieve Plan check comments Mechanical Screen Wall
MECHSCRN-SUB-1300	Respond to comments, resubmit Mechanical Screen Wall	5	12-Apr-24	18-Apr-24	Respond to comments, resubmit Mechanical Screen Wall
MECHSCRN-SUB-1400	Approve deferred submittal Mechanical Screen Wall	5	19-Apr-24	25-Apr-24	Approve deferred submittal Mechanical Screen Wall
MECHSCRN-SUB-1500	Permit Issued deferred submittal Mechanical Screen Wall	0		25-Apr-24	Permit Issued deferred submittal Mechanical Screen Wall
SEISMIC BRACING (OF MEP DISTRIBUTION SYSTEM	50	14-Feb-24	25-Apr-24	SEISMIC BRACING OF MEP DISTRIBUTION SYSTEM
SEISMIC-SUB-1000	Develop and submit MEP Bracing	20	14-Feb-24	14-Mar-24	Develop and submit MEP Bracing
SEISMIC-SUB-1100	City Review and Comment MEP Bracing	20	15-Mar-24	11-Apr-24	City Review and Comment MEP Bracing
SEISMIC-SUB-1200	Recieve Plan check comments MEP Bracing	0		11-Apr-24	♦ Recieve Plan check comments MEP Bracing
SEISMIC-SUB-1300	Respond to comments, resubmit MEP Bracing	5	12-Apr-24	18-Apr-24	Respond to comments, resubmit MEP Bracing
SEISMIC-SUB-1400	Approve deferred submittal MEP Bracing	5	19-Apr-24	25-Apr-24	Approve deferred submittal MEP Bracing
SEISMIC-SUB-1500	Permit Issued deferred submittal MEP Bracing	0		25-Apr-24	Permit Issued deferred submittal MEP Bracing
VIBRATION ISOLATIO	ON FOR EQUIPMENT	50	14-Feb-24	25-Apr-24	VIBRATION ISOLATION FOR EQUIPMENT
ISO-SUB-1000	Develop and submit Vibration Isolation	20	14-Feb-24	14-Mar-24	Develop and submit Vibration Isolation
ISO-SUB-1100	City Review and Comment Vibration Isolation	20	15-Mar-24	11-Apr-24	City Review and Comment Vibration Isolation
ISO-SUB-1200	Recieve Plan check comments Vibration Isolation	0		11-Apr-24	◆ Recieve Plan check comments Vibration Isolation
ISO-SUB-1300	Respond to comments, resubmit Vibration Isolation	5	12-Apr-24	18-Apr-24	Respond to comments, resubmit Vibration Isolation
ISO-SUB-1400	Approve deferred submittal Vibration Isolation	5	19-Apr-24	25-Apr-24	Approve deferred submittal Vibration Isolation
ISO-SUB-1500	Permit Issued deferred submittal Vibration Isolation	0		25-Apr-24	Permit Issued deferred submittal Vibration Isolation
TELECOMMUNCATIO	ONS CABLE TRAYS	50	14-Feb-24	25-Apr-24	TELECOMMUNCATIONS CABLE TRAYS
TELECOM-SUB-1000	Develop and submit Cable Trays	20	14-Feb-24	14-Mar-24	Develop and submit Cable Trays
TELECOM-SUB-1100	City Review and Comment Cable Trays	20	15-Mar-24	11-Apr-24	City Review and Comment Cable Trays
TELECOM-SUB-1200	Recieve Plan check comments Cable Trays	0		11-Apr-24	♦ Recieve Plan check comments Cable Trays
TELECOM-SUB-1300	Respond to comments, resubmit Cable Travs	5	12-Apr-24	18-Apr-24	Respond to comments, resubmit Cable Trays
TELECOM-SUB-1400	Approve deferred submittal Cable Trays	5	19-Apr-24	25-Apr-24	Approve deferred submittal Cable Trays
TELECOM-SUB-1500	Permit Issued deferred submittal Cable Trays	0		25-Apr-24	 Permit Issued deferred submittal Cable Trays
	TY TRANSFORMER ANCHORAGE	50	14-Feb-24	25-Apr-24	BATTERY AND UTILITY TRANSFORMER ANCHORAGE
BATT-SUB-1000	Develop and submit Battery and Utility Anchorage	20	14-Feb-24	14-Mar-24	Develop and submit Battery and Utility Anchorage
BATT-SUB-1100	Battery and Utility AnchorageCity Review and Comment	20	15-Mar-24	11-Apr-24	Battery and Utility AnchorageCity Review and Comment
BATT-SUB-1200	Recieve Plan check comments Battery and Utility Anchorage	0		11-Apr-24	 Battery and builty Anonologecity review and comment Recieve Plan check comments Battery and Utility Anchorage
BATT-SUB-1200	Respond to comments, resubmit Battery and Utility Anchorage	5	12-Apr-24	18-Apr-24	 Respond to comments, resubmit Battery and Utility Anchorage
BATT-SUB-1400	Approve deferred submittal Battery and Utility Anchorage	5	12-Apr-24	25-Apr-24	 Approve deferred submittal Battery and Utility Anchorage
BATT-SUB-1400 BATT-SUB-1500	Permit Issued deferred submittal Battery and Utility Anchorage	0	10-Api-24	25-Apr-24	Approve defend submittal Battery and outly Androiage Permit Issued deferred submittal Battery and Utility Anchorage
DATI-300-1300		U		20-7401-24	
Remaining Lovel of	f Effort Critical Remaining Wo	de			Loto Data Data: 29 Nov 22
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Actual Level of Effo	ort 🛛 📃 Remaining Work 🔶 🔶 Milestone	1			Filter: TASK filter: In Progress Not Start.



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tivity ID	Activity Name	Original Duration	Start	Finish				2026
COLD FORMED FR	AMING	50	05-Feb-24	16-Apr-24	Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb ▼ COLD FORMED FRAMING	[war [Apr [May [Jun	Jui [Aug [Sep Oct [Nov] Dec Jan [Feb	Mar
FRAME-SUB-1000	Develop and submit CFF	20	05-Feb-24	05-Mar-24	Develop and submit CFF			
FRAME-SUB-1100	CFF City Review and Comment	20	06-Mar-24	02-Apr-24	CFF City Review and Comment			
FRAME-SUB-1200	Recieve Plan check comments CFF	0	00-10181-2-4	02-Apr-24	Recieve Plan check comments CFF			
FRAME-SUB-1300	Respond to comments, resubmit CFF	5	03-Apr-24	09-Apr-24	Respond to comments, resubmit CFF			
FRAME-SUB-1400	Approve deferred submittal CFF	5	10-Apr-24	16-Apr-24	 Approve deferred submittal CFF 			1
FRAME-SUB-1500	Permit Issued deferred submittal CFF	0	10-7401-24	16-Apr-24	 Permit Issued deferred submittal CFF 			
SUBMITTAL / PROCU		354	28-Nov-23	21-Apr-25			AL / PROCUREMENT	1
03 CONCRETE		63	14-Feb-24	13-May-24	V 03 CONCRETE	V CODINITI		
03.2100 - REBAR		63	14-Feb-24	13-May-24	▼ 03.2100 - REBAR			
	Concrete Shan Drawings Datas							
PROC-200	Generate Shop Drawings - Rebar	10	14-Feb-24	28-Feb-24	Generate Shop Drawings - Rebar			
PROC-2700	Review Drawings - Rebar	14	29-Feb-24	13-Mar-24	Review Drawings - Rebar			
PROC-5200	Submittal returned with comments - Rebar Submittal Revision - Rebar		13-Mar-24	14-Mar-24	Submittal returned with comments - Rebar			
PROC-5400		5	14-Mar-24	21-Mar-24	Submittal Revisión - Rebar		·	
PROC-7700	Revised Submittal submitted - Rebar	1	21-Mar-24	22-Mar-24	Revised Submittal submitted - Rebar			
PROC-10000	Revised Submittal Reviewed - Rebar	21	23-Mar-24	12-Apr-24	Revised Submittal Reviewed - Rebar			1
PROC-10600	Approve Shop Drawings - Rebar	1	12-Apr-24	15-Apr-24	Approve Shop Drawings - Rebar			, , , ,
PROC-11300	Fab & Deliver Material- Rebar Release - Rebar	20	15-Apr-24	13-May-24	Fab & Deliver Material- Rebar			1
PROC-11200		63	14-Feb-24	15-Apr-24	◆ Release - Rebar ▼ 03.3000 - CAST-IN-PLACE CONCRETE & FINISHES			
	PLACE CONCRETE & FINISHES			13-May-24				
PROC-25480	Generate Shop Drawings - Concrete	10	14-Feb-24	28-Feb-24	Generate Shop Drawings - Concrete			
PROC-25490	Review Drawings - Concrete	14	29-Feb-24	13-Mar-24	Review Drawings - Concrete			
PROC-25530	Submittal returned with comments - Concrete	1	13-Mar-24	14-Mar-24	Submittal returned with comments - Concrete			1
PROC-25540	Submittal Revision - Concrete	5	14-Mar-24	21-Mar-24	Submittal Revision - Concrete			
PROC-25550	Revised Submittal submitted - Concrete	1	21-Mar-24	22-Mar-24	Revised Submittal submitted - Concrete			
PROC-25560	Revised Submittal Reviewed - Concrete	21	23-Mar-24	12-Apr-24	Revised Submittal Reviewed - Concrete			1
PROC-25500	Approve Shop Drawings - Concrete	1	12-Apr-24	15-Apr-24	Approve Shop Drawings - Concrete			
PROC-25510	Fab & Deliver Material- Concrete	20	15-Apr-24	13-May-24	Fab & Deliver Material- Concrete			
PROC-25520	Release - Concrete	0		15-Apr-24	◆ Release - Concrete			
04 MASONRY		73	14-Feb-24	28-May-24				
04.2200 - CONCRE		73	14-Feb-24	28-May-24	▼ 04.2200 - CONCRETE UNIT MASONRY			
PROC-25840	Generate Shop Drawings - Concrete Unit Masonry	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Concrete Unit Masonry			
PROC-25850	Review Drawings - Concrete Unit Masonry	21	07-Mar-24	27-Mar-24	Review Drawings - Concrete Unit Masonry			1
PROC-25890	Submittal returned with comments - Concrete Unit Masonry	1	27-Mar-24	28-Mar-24	Submittal returned with comments - Concrete Unit Masonry			
PROC-25900	Submittal Revision - Concrete Unit Masonry	5	28-Mar-24	04-Apr-24	Submittal Revision - Concrete Unit Masonry			1
PROC-25910	Revised Submittal submitted - Concrete Unit Masonry	1	04-Apr-24	05-Apr-24	Revised Submittal submitted - Concrete Unit Masonry			1
PROC-25920	Revised Submittal Reviewed - Concrete Unit Masonry	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed - Concrete Unit Masonry			1
PROC-25860	Approve Shop Drawings - Concrete Unit Masonry	1	26-Apr-24	29-Apr-24	Approve Shop Drawings - Concrete Unit Masonry			
PROC-25870	Fab & Deliver Material- Concrete Unit Masonry	20	29-Apr-24	28-May-24	Fab & Deliver Material- Concrete Unit Masonry			
PROC-25880	Release - Concrete Unit Masonry	0		29-Apr-24	Release - Concrete Unit Masonry			1
_05 METALS		176	12-Dec-23	21-Aug-24	V 05 METALS			1
05.1200 STRUCTUR	RAL STEEL	131	12-Dec-23	18-Jun-24	▼ 05.1200 STRUCTURAL STEEL			1
STRUCTURAL STEEL		131	12-Dec-23	18-Jun-24	▼ STRUCTURAL STEEL			
PROC-100	Generate Shop Drawings - Structural Steel	20	12-Dec-23	10-Jan-24	Generate Shop Drawings - Structural Steel			
PROC-2900	Review Drawings - Structural Steel	21	11-Jan-24	31-Jan-24	Review Drawings - Structural Steel			
PROC-11500	Submittal returned with comments - Structural Steel	1	31-Jan-24	01-Feb-24	Submittal returned with comments - Structural Steel			
PROC-11800	Submittal Revision - Structural Steel	10	01-Feb-24	15-Feb-24	Submittal Revision - Structural Steel			
Remaining Level of Actual Level of Eff		ig Work		Page	4 of 34 Data Date: 28-Nov-23 Print Date: 05-Jan-24 Tin Filter: TASK filter: In Proc			



	Procuremer				
ity ID	Activity Name	Original Duration	Start	Finish	2024 2025 2026
					Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
PROC-16200	Revised Submittal submitted - Structural Steel	1	15-Feb-24	16-Feb-24	Revised Submittal submitted - Structural Steel
PROC-16400	Revised Submittal Reviewed - Structural Steel	21	17-Feb-24	08-Mar-24	Revised Submittal Reviewed - Structural Steel
PROC-20200	Approve Shop Drawings - Structural Steel	1	08-Mar-24	11-Mar-24	Approve Shop Drawings - Structural Steel
PROC-20400	Fab & Deliver Material - Structural Steel	70	11-Mar-24	18-Jun-24	Fab & Deliver Material - Structural Steel
BUCKLING-RESTRA		71	12-Dec-23	25-Mar-24	BUCKLING-RESTRAINED BRACES
PROC-21000	Generate Shop Drawings -Buckling-Restrained Braces	15	12-Dec-23	03-Jan-24	Generate Shop Drawings -Buckling-Restrained Braces
PROC-21010	Review Drawings -Buckling-Restrained Braces	21	04-Jan-24	24-Jan-24	Review Drawings -Buckling-Restrained Brace's
PROC-21020	Submittal returned with comments -Buckling-Restrained Braces	1	24-Jan-24	25-Jan-24	Submittal returned with comments -Buckling-Restrained Braces
PROC-21030	Submittal Revision -Buckling-Restrained Braces	5	25-Jan-24	01-Feb-24	Submittal Revision -Buckling-Restrained Braces
PROC-21040	Revised Submittal submitted -Buckling-Restrained Braces	1	01-Feb-24	02-Feb-24	Revised Submittal submitted -Buckling-Restrained Braces
PROC-21050	Revised Submittal Reviewed -Buckling-Restrained Braces	21	03-Feb-24	23-Feb-24	Revised Submittal Reviewed -Buckling-Restrained Braces
PROC-21060	Approve Shop Drawings -Buckling-Restrained Braces	1	23-Feb-24	26-Feb-24	Approve Shop Drawings -Buckling-Restrained Braces
PROC-21070	Fab & Deliver Material-Buckling-Restrained Braces	20	26-Feb-24	25-Mar-24	Fab & Deliver Material-Buckling-Restrained Braces
PROC-21080	Release -Buckling-Restrained Braces	0		26-Feb-24	Release -Buckling-Restrained Braces
05.3000 METAL D	ECKING	133	14-Feb-24	21-Aug-24	V 05.3000 METAL DECKING
PROC-300	Generate Shop Drawings - Steel Decking	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Steel Decking
PROC-2800	Review Drawings - Steel Decking	21	07-Mar-24	27-Mar-24	Review Drawings - Steel Decking
PROC-5300	Submittal returned with comments - Steel Decking	1	27-Mar-24	28-Mar-24	I Submittal returned with comments - Steel Decking
PROC-5500	Submittal Revision - Steel Decking	5	28-Mar-24	04-Apr-24	Submittal Revision - Steel Decking
PROC-7800	Revised Submittal submitted - Steel Decking	1	04-Apr-24	05-Apr-24	Revised Submittal submitted - Steel Decking
PROC-10100	Revised Submittal Reviewed - Steel Decking	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed - Steel Decking
PROC-10700	Approve Shop Drawings - Steel Decking	1	26-Apr-24	29-Apr-24	Approve Shop Drawings - Steel Decking
PROC-11400	Fab & Deliver Material - Steel Decking	80	29-Apr-24	21-Aug-24	Fab & Deliver Material - Steel Decking
05.4000 COLD-FO	ORMED METAL FRAMING	133	14-Feb-24	21-Aug-24	▼ 05.4000 COLD-FORMED METAL FRAMING
PROC-26110	Generate Shop Drawings - Metal Framing	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Metal Framing
PROC-26120	Review Drawings - Metal Framing	21	07-Mar-24	27-Mar-24	Review Drawings - Metal Framing
PROC-26150	Submittal returned with comments - Metal Framing	1	27-Mar-24	28-Mar-24	Submittal returned with comments - Metal Framing
PROC-26160	Submittal Revision - Metal Framing	5	28-Mar-24	04-Apr-24	Submittal Revision - Metal Framing
PROC-26170	Revised Submittal submitted - Metal Framing	1	04-Apr-24	05-Apr-24	Revised Submittal submitted - Metal Framing
PROC-26180	Revised Submittal Reviewed - Metal Framing	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed - Metal Framing
PROC-26130	Approve Shop Drawings - Metal Framing	1	26-Apr-24	29-Apr-24	Approve Shop Drawings - Metal Framing
PROC-26140	Fab & Deliver Material - Metal Framing	80	29-Apr-24	21-Aug-24	Fab & Deliver Material - Metal Framing
05.5000 METAL F	ABRICATIONS	116	12-Dec-23	28-May-24	▼ 05.5000 METAL FABRICATIONS
PROC-22980	Generate Shop Drawings -Metal Fab	15	12-Dec-23	03-Jan-24	Generate Shop Drawings -Metal Fab
PROC-22990	Review Drawings -Metal Fab	21	04-Jan-24	24-Jan-24	Review Drawings -Metal Fab
PROC-23000	Submittal returned with comments -Metal Fab	1	24-Jan-24	25-Jan-24	Submittal returned with comments -Metal Fab
PROC-23010	Submittal Revision -Metal Fab	5	25-Jan-24	01-Feb-24	Submittal Revision -Metal Fab
PROC-23020	Revised Submittal submitted -Metal Fab	1	01-Feb-24	02-Feb-24	Revised Submittal submitted -Metal Fab
PROC-23030	Revised Submittal Reviewed -Metal Fab	21	03-Feb-24	23-Feb-24	Revised Submittal Reviewed -Metal Fab
PROC-23040	Approve Shop Drawings -Metal Fab	1	23-Feb-24	26-Feb-24	Approve Shop Drawings -Metal Fab
PROC-23050	Fab & Deliver Material-Metal Fab	20	26-Feb-24	25-Mar-24	Fab & Deliver Material-Metal Fab
PROC-23060	Release -Metal Fab	0	2010524	26-Feb-24	♦ Release -Metal Fab
ROOF SCREENS		73	14-Feb-24	28-May-24	▼ reigase weat rab
PROC-21180	Generate Shop Drawings -Roof Screen	15	14-Feb-24	06-Mar-24	Generate Shop Drawings -Roof Screen
PROC-21190	Review Drawings -Roof Screen	21	07-Mar-24	27-Mar-24	Review Drawings -Roof Screen
PROC-21190 PROC-21200	Submittal returned with comments -Roof Screen	1	27-Mar-24	27-Mar-24 28-Mar-24	Submittal returned with commerts -Roof Screen
PROC-21200 PROC-21210	Submittal Revision -Roof Screen	5	27-Mar-24 28-Mar-24	04-Apr-24	Submittal Revision -Roof Screen
PROC-21210 PROC-21220	Revised Submittal submitted -Roof Screen	1	28-Mar-24 04-Apr-24	04-Apr-24 05-Apr-24	Revised Submittal submitted -Roof Screen
			04-Api-24	03-Api-24	
Remaining Level of				Page	5 of 34 Data Date: 28-Nov-23 Print Date: 05-Jan-24 Time: 13:07 Filter: TASK filter: In Progress Not Start.

PROC-21230 Revi PROC-21240 App PROC-21250 Fab PROC-21260 Rele 05.5100 METAL PAN STAIL PROC-22350 Gen PROC-22360 Revi PROC-22370 Sub	vity Name vised Submittal Reviewed -Roof Screen prove Shop Drawings -Roof Screen & Deliver Material-Roof Screen	Original Duration 21	Start	Finish	2024 2025 2026
PROC-21240 App PROC-21250 Fab PROC-21260 Rele 05.5100 METAL PAN STAIL PROC-22350 Gen PROC-22360 Revi PROC-22370 Sub	prove Shop Drawings -Roof Screen				2024 2025 2026
PROC-21240 App PROC-21250 Fab PROC-21260 Rele 05.5100 METAL PAN STAIL PROC-22350 Gen PROC-22360 Revi PROC-22370 Sub	prove Shop Drawings -Roof Screen	21			Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
PROC-21250 Fab PROC-21260 Releter 05.5100 METAL PAN STAIL PROC-22350 PROC-22360 Revit PROC-22370 Sub			06-Apr-24	26-Apr-24	Revised Submittal Reviewed -Roof Screen
PROC-21250 Fab PROC-21260 Releter 05.5100 METAL PAN STAIL PROC-22350 PROC-22360 Revit PROC-22370 Sub		1	26-Apr-24	29-Apr-24	Approve Shop Drawings -Roof Screen
05.5100 METAL PAN STAIL PROC-22350 Gen PROC-22360 Revi PROC-22370 Sub		20	29-Apr-24	28-May-24	Fab & Deliver Material-Roof Screen
05.5100 METAL PAN STAIL PROC-22350 Gen PROC-22360 Revi PROC-22370 Sub	ease -Roof Screen	0	•	29-Apr-24	♦ Release -Roof Screen
PROC-22350 Gen PROC-22360 Revi PROC-22370 Sub	RS	71	12-Dec-23	25-Mar-24	V 05.5100 METAL PAN STAIRS
PROC-22360 Revi PROC-22370 Sub	nerate Shop Drawings -Metal Pan Stairs	15	12-Dec-23	03-Jan-24	Generate Shop Drawings -Metal Pan Stairs
PROC-22370 Sub	iew Drawings -Metal Pan Stairs	21	04-Jan-24	24-Jan-24	Review Drawings -Metal Pan Stairs
	printial returned with comments -Metal Pan Stairs	1	24-Jan-24	25-Jan-24	Submittal returned with comments -Metal Pan Stairs
PROC-22380 Sub	omittal Revision -Metal Pan Stairs	5	25-Jan-24	01-Feb-24	Submittal Revision -Metal Pan Stairs
	rised Submittal submitted -Metal Pan Stairs	1	01-Feb-24	02-Feb-24	Revised Submitted -Metal Pan Stairs
	rised Submittal Reviewed -Metal Pan Stairs	21	03-Feb-24	23-Feb-24	Revised Submittal Reviewed -Metal Pan Stairs
	prove Shop Drawings -Metal Pan Stairs	1	23-Feb-24	26-Feb-24	Approve Shop Drawings -Metal Pan Stairs
	A Deliver Material-Metal Pan Stairs	20	26-Feb-24	25-Mar-24	Fab & Deliver Material-Metal Pan Stairs
	ease -Metal Pan Stairs	0	20100-24	26-Feb-24	 ◆ Release -Metal Pan Stairs
05.5213 PIPE & TUBE RAI		73	14-Feb-24	28-May-24	▼ 101/2013 VIELA FAIL Stails
			14-Feb-24	06-Mar-24	
	herate Shop Drawings -Pipe & Tube Railings	15		27-Mar-24	Generate Shop Drawings -Pipe & Tube Railings
	iew Drawings -Pipe & Tube Railings	21	07-Mar-24		Review Drawings -Pipe & Tube Railings
	mittal returned with comments -Pipe & Tube Railings	1	27-Mar-24	28-Mar-24	Submittal returned with comments -Pipe & Tube Railings
	mittal Revision -Pipe & Tube Railings	5	28-Mar-24	04-Apr-24	Submittal Revision -Pipe & Tube Railings
	rised Submittal submitted -Pipe & Tube Railings	1	04-Apr-24	05-Apr-24	Revised Submittal submitted -Pipe & Tube Railings
	rised Submittal Reviewed -Pipe & Tube Railings	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed -Pipe & Tube Railings
	brove Shop Drawings -Pipe & Tube Railings	1	26-Apr-24	29-Apr-24	Approve Shop Drawings -Pipe & Tube Railings
	& Deliver Material-Pipe & Tube Railings	20	29-Apr-24	28-May-24	Fab & Deliver Material-Pipe & Tube Railings
	ease -Pipe & Tube Railings	0		29-Apr-24	♦ Release -Pipe & Tube Raillings
05.7300 DECORATIVE ME		73	14-Feb-24	28-May-24	▼ 05.7300 DECORATIVE METAL RAILINGS
	nerate Shop Drawings - Decorative Metal Railings	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Decorative Metal Railings
	iew Drawings - Decorative Metal Railings	21	07-Mar-24	27-Mar-24	Review Drawings - Decorative Metal Railings
	mittal returned with comments - Decorative Metal Railings	1	27-Mar-24	28-Mar-24	Submittal returned with comments - Decorative Metal Railings
	omittal Revision - Decorative Metal Railings	5	28-Mar-24	04-Apr-24	Submittal Revision - Decorative Metal Railings
	ised Submittal submitted - Decorative Metal Railings	1	04-Apr-24	05-Apr-24	Revised Submittal submitted - Decorative Metal Railings
	ised Submittal Reviewed - Decorative Metal Railings	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed - Decorative Metal Railings
	prove Shop Drawings - Decorative Metal Railings	1	26-Apr-24	29-Apr-24	Approve Shop Drawings - Decorative Metal Railings
	& Deliver Material- Decorative Metal Railings	20	29-Apr-24	28-May-24	Fab & Deliver Material- Decorative Metal Railings
PROC-25970 Rele	ease - Decorative Metal Railings	0		29-Apr-24	♦ Release - Decorative Metal Railings
05.7500 DECORATIVE FO	DRMED METAL	73	14-Feb-24	28-May-24	▼ 05.7500 DECORATIVE FORMED METAL
PROC-26020 Gen	nerate Shop Drawings - Decorative Metal Railings	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Decorative Metal Railings
PROC-26030 Revi	iew Drawings - Decorative Metal Railings	21	07-Mar-24	27-Mar-24	Review Drawings - Decorative Metal Railings
PROC-26070 Sub	mittal returned with comments - Decorative Metal Railings	1	27-Mar-24	28-Mar-24	Submittal returned with comments - Decorative Metal Railings
PROC-26080 Sub	omittal Revision - Decorative Metal Railings	5	28-Mar-24	04-Apr-24	Submittal Revision - Decorative Metal Railings
PROC-26090 Revi	ised Submittal submitted - Decorative Metal Railings	1	04-Apr-24	05-Apr-24	Revised Submittal submitted - Decorative Metal Railings
PROC-26100 Revi	rised Submittal Reviewed - Decorative Metal Railings	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed - Decorative Metal Railings
PROC-26040 App	prove Shop Drawings - Decorative Metal Railings	1	26-Apr-24	29-Apr-24	Approve Shop Drawings - Decorative Metal Railings
PROC-26050 Fab	& Deliver Material- Decorative Metal Railings	20	29-Apr-24	28-May-24	Fab & Deliver Material- Decorative Metal Railings
PROC-26060 Rele	ease - Decorative Metal Railings	0		29-Apr-24	♦ Release - Decorative Metal Railings
06 WOODS, PLASTICS & (COMPOSITES	271	10-Jan-24	04-Feb-25	▼ 06 WOQDS, PLASTICS & COMPOSITES
06.1000 ROUGH CARPEN		107	14-Feb-24	16-Jul-24	▼ 06.1000 ROUGH CARPENTRY
	nerate Shop Drawings - Rough Carpentry	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Rough Carpentry

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vel of Effort	Remaining Work	٠	Mileston



	County of S Procurem		struction Sc		
ctivity ID	Activity Name	Original Duration	Start	Finish	2024 2025 2026
		Duration			Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar
PROC-11600	Review Drawings - Rough Carpentry	15	07-Mar-24	21-Mar-24	Review Drawings - Rough Carpentry
PROC-20000	Submittal returned with comments - Rough Carpentry	1	21-Mar-24	22-Mar-24	Submittal returned with comments - Rough Carpentry
PROC-20100	Submittal Revision - Rough Carpentry	10	22-Mar-24	05-Apr-24	Submittal Revision - Rough Carpentry
PROC-20600	Revised Submittal submitted - Rough Carpentry	1	05-Apr-24	08-Apr-24	Revised Submitted - Rough Carpentry
PROC-20700	Revised Submittal Reviewed - Rough Carpentry	10	09-Apr-24	18-Apr-24	Revised Submittal Reviewed - Rough Carpentry
PROC-20800	Approve Shop Drawings - Rough Carpentry	1	18-Apr-24	19-Apr-24	Approve Shop Drawings - Rough Carpentry
PROC-20900	Fab & Deliver Material - Rough Carpentry	60	19-Apr-24	16-Jul-24	Fab & Deliver Material - Rough Carpentry
06.1543 CROSS-	LAMINATED TIMBER PANELS	182	10-Jan-24	26-Sep-24	▼ 06.1543 CROSS-LAMINATED TIMBER PANELS
PROC-26190	Generate Shop Drawings - CLT Panels	84	10-Jan-24	08-May-24	Generate Shop Drawings - CLT Panels
PROC-26200	Review Drawings - CLT Panels	21	09-May-24	29-May-24	Review Drawings - CLT Panels
PROC-26230	Submittal returned with comments - CLT Panels	1	29-May-24	30-May-24	Submittal returned with comments - CLT Panels
PROC-26240	Submittal Revision - CLT Panels	15	30-May-24	20-Jun-24	Submittal Revision - CLT Panels
PROC-26250	Revised Submittal submitted - CLT Panels	1	20-Jun-24	21-Jun-24	Revised Submittal submitted - CLT Panels
PROC-26260	Revised Submittal Reviewed - CLT Panels	10	22-Jun-24	01-Jul-24	Revised Submittal Reviewed - CLT Panels
PROC-26210	Approve Shop Drawings - CLT Panels	1	01-Jul-24	02-Jul-24	Approve Shop Drawings - CLT Panels
PROC-26220	Fab & Deliver Material - CLT Panels	60	02-Jul-24	26-Sep-24	Fab & Deliver Material - CLT Panels
06.1600 SHEATH		192	10-Jan-24	10-Oct-24	▼ 06.1600 SHEATHING
PROC-26270		91			
	Generate Shop Drawings - Sheathing	-	10-Jan-24	17-May-24	Generate Shop Drawings - Sheathing
PROC-26280	Review Drawings - Sheathing	21	18-May-24	07-Jun-24	Review Drawings - Sheathing
PROC-26310	Submittal returned with comments - Sheathing	1	07-Jun-24	10-Jun-24	Submittal returned with comments - Sheathing
PROC-26320	Submittal Revision - Sheathing	10	10-Jun-24	24-Jun-24	Submittal Revision - Sheathing
PROC-26330	Revised Submittal submitted - Sheathing	1	24-Jun-24	25-Jun-24	Revised Submitted - Sheathing
PROC-26340	Revised Submittal Reviewed - Sheathing	21	26-Jun-24	16-Jul-24	Revised Submittal Reviewed - Sheathing
PROC-26290	Approve Shop Drawings - Sheathing	1	16-Jul-24	17-Jul-24	I Approve Shop Drawings - Sheathing
PROC-26300	Fab & Deliver Material - Sheathing	60	17-Jul-24	10-Oct-24	Fab & Deliver Material - Sheathing
06.1800 GLUE-LA	AMINATED CONSTRUCTION	194	10-Jan-24	14-Oct-24	▼ 06.1800 GLUE-LAMINATED CONSTRUCTION
PROC-26350	Generate Shop Drawings - Glue-Laminated Construction	88	10-Jan-24	14-May-24	Generate Shop Drawings - Glue-Laminated Construction
PROC-26360	Review Drawings - Glue-Laminated Construction	21	15-May-24	04-Jun-24	Review Drawings - Glue-Laminated Construction
PROC-26390	Submittal returned with comments - Glue-Laminated Construction	1	04-Jun-24	05-Jun-24	Submittal returned with comments - Glue-Laminated Construction
PROC-26400	Submittal Revision - Glue-Laminated Construction	15	05-Jun-24	26-Jun-24	Submittal Revision - Glue-Laminated Construction
PROC-26410	Revised Submittal submitted - Glue-Laminated Construction	1	26-Jun-24	27-Jun-24	Revised Submittal submitted - Glue-Laminated Construction
PROC-26420	Revised Submittal Reviewed - Glue-Laminated Construction	21	28-Jun-24	18-Jul-24	Revised Submittal Reviewed - Glue-Laminated Construction
PROC-26370	Approve Shop Drawings - Glue-Laminated Construction	1	18-Jul-24	19-Jul-24	Approve Shop Drawings - Glue-Laminated Construction
PROC-26380	Fab & Deliver Material - Glue-Laminated Construction	60	19-Jul-24	14-Oct-24	Fab & Deliver Material - Glue-Laminated Construction
06.2023 INTERIO	R FINISH CARPENTRY	247	14-Feb-24	04-Feb-25	▼ 06.2023 INTERIOR FINI\$H CARPENTRY
PROC-26430	Generate Shop Drawings - Interior Finish Carpentry	40	14-Feb-24	10-Apr-24	Generate Shop Drawings - Interior Finish Carpentry
PROC-26440	Review Drawings - Interior Finish Carpentry	21	11-Apr-24	01-May-24	Review Drawings - Interior Finish Carpentry
PROC-26470	Submittal returned with comments - Interior Finish Carpentry	1	01-May-24	02-May-24	Submittal returned with comments - Interior Finish Carpentry
PROC-26480	Submittal Revision - Interior Finish Carpentry	10	02-May-24	16-May-24	Submittal Revision - Interior Finish Carpentry
PROC-26490	Revised Submittal submitted - Interior Finish Carpentry	1	16-May-24	17-May-24	Revised Submittal submitted - Interior Finish Carpentry
PROC-26500	Revised Submittal Reviewed - Interior Finish Carpentry	21	18-May-24	07-Jun-24	Revised Submittal Reviewed - Interior Finish Carpentry
PROC-26450	Approve Shop Drawings - Interior Finish Carpentry	1	07-Jun-24	10-Jun-24	Approve Shop Drawings - Interior Finish Carpentry
PROC-26460	Fab & Deliver Material - Interior Finish Carpentry	165	10-Jun-24	04-Feb-25	Fab & Deliver Material - Interior Finish Carpentry
	· ·	247	10-Juli-24	04-Feb-25	▼ 06.4113 WOOD-VENEER-FACED ARCHITECTURAL CABINETS
	/ENEER-FACED ARCHITECTURAL CABINETS				
PROC-26510	Generate Shop Drawings - Wood Veneer Cabinets	40	14-Feb-24	10-Apr-24	Generate Shop Drawings - Wood Veneer Cabinets
PROC-26520	Review Drawings - Wood Veneer Cabinets	21	11-Apr-24	01-May-24	Review Drawings - Wood Veneer Cabinets
PROC-26550	Submittal returned with comments - Wood Veneer Cabinets	1	01-May-24	02-May-24	Submittal returned with comments - Wood Veneer Cabinets

Remaining Work

Milestone

		ement & Cons			
tivity ID	Activity Name	Original Duration	Start	Finish	2024
	Outputted Devicing Mand Manage Onlinets		00 Marco 04	40 Marco 04	Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan
PROC-26560 PROC-26570	Submittal Revision - Wood Veneer Cabinets	10	02-May-24	16-May-24	Submittal Revision - Wood Veneer Cabinets
	Revised Submittal submitted - Wood Veneer Cabinets	1	16-May-24	17-May-24 07-Jun-24	Revised Submittal Submitted - Wood Veneer C
PROC-26580	Revised Submittal Reviewed - Wood Veneer Cabinets	21	18-May-24	10-Jun-24	Révised Submittal Reviewed - Wood Vene
PROC-26530 PROC-26540	Approve Shop Drawings - Wood Veneer Cabinets Fab & Deliver Material - Wood Veneer Cabinets	1	07-Jun-24 10-Jun-24	04-Feb-25	Approve Shop Drawings - Wood Veneer C
06.4200 FLUSH W		165 247	14-Feb-24	04-Feb-25	•
PROC-26590	Generate Shop Drawings - Flush Wood Paneling	40	14-Feb-24	10-Apr-24	Generate Shop Drawings - Flush Wood Paneling
PROC-26600	Review Drawings - Flush Wood Paneling	21	11-Apr-24	01-May-24	Review Drawings - Flush Wood Paneling
PROC-26630	Submittal returned with comments - Flush Wood Paneling	1	01-May-24	02-May-24	Submittal returned with comments - Flush Wood
PROC-26640	Submittal Revision - Flush Wood Paneling	10	02-May-24	16-May-24	Submittal Revision - Flush Wood Paneling
PROC-26650	Revised Submittal submitted - Flush Wood Paneling	1	16-May-24	17-May-24	Revised Submittal submitted - Flush Wood Pa
PROC-26660	Revised Submittal Reviewed - Flush Wood Paneling	21	18-May-24	07-Jun-24	Revised Submittal Reviewed - Flush Wood
PROC-26610	Approve Shop Drawings - Flush Wood Paneling	1	07-Jun-24	10-Jun-24	Approve Shop Drawings - Flush Wood Pa
PROC-26620	Fab & Deliver Material - Flush Wood Paneling	165	10-Jun-24	04-Feb-25	
	DISTURE PROTECTION	233	14-Feb-24	15-Jan-25	
07.05 ROOFING		233	14-Feb-24	15-Jan-25	
PROC-2600	Generate Shop Drawings - Roofing	20	14-Feb-24	13-Mar-24	Generate Shop Drawings - Roofing
PROC-5100	Review Drawings - Roofing	21	14-Mar-24	03-Apr-24	Review Drawings - Roofing
PROC-7600	Submittal returned with comments - Roofing	1	03-Apr-24	04-Apr-24	Submittal returned with comments - Roofing
PROC-9900	Submittal Revision - Roofing	5	04-Apr-24	11-Apr-24	Submittal Revision - Roofing
PROC-10500	Revised Submittal submitted - Roofing	1	11-Apr-24	12-Apr-24	Revised Submittal submitted - Roofing
PROC-11100	Revised Submittal Reviewed - Roofing	21	13-Apr-24	03-May-24	Revised Submittal Reviewed - Roofing
PROC-15700	Approve Shop Drawings - Roofing	1	03-May-24	06-May-24	Approve Shop Drawings - Roofing
PROC-16100	Fab & Deliver Material - Roofing	175	06-May-24	15-Jan-25	F
07.4213.23 - ACM F	PANELS	187	28-Nov-23	22-Aug-24	07.4213.23 - ACM PANELS
PROC-25080	Generate Shop Drawings - ACM	45	28-Nov-23	01-Feb-24	Generate Shop Drawings - ACM
PROC-25090	Review Drawings - ACM	21	02-Feb-24	22-Feb-24	Review Drawings - ACM
PROC-25100	Submittal returned with comments - ACM	1	22-Feb-24	23-Feb-24	Submittal returned with comments - ACM
PROC-25110	Submittal Revision - ACM	30	23-Feb-24	05-Apr-24	Submittal Revision - ACM
PROC-25120	Revised Submittal submitted - ACM	1	05-Apr-24	08-Apr-24	Revised Submittal submitted -ACM
PROC-25130	Revised Submittal Reviewed - ACM	21	09-Apr-24	29-Apr-24	Revised Submittal Reviewed - ACM
PROC-25140	Approve Shop Drawings - ACM	1	29-Apr-24	30-Apr-24	Approve Shop Drawings - ACM
PROC-25150	Fab & Deliver Material - ACM	80	30-Apr-24	22-Aug-24	Fab & Deliver Material - ACM
07.4229 - LAMINAT	ED PANELS	187	28-Nov-23	22-Aug-24	▼ 07.4229 - LAMINATED PAN
PROC-25000	Generate Shop Drawings - LCM	45	28-Nov-23	01-Feb-24	Generate Shop Drawings - LCM
PROC-25010	Review Drawings - LCM	21	02-Feb-24	22-Feb-24	Review Drawings - LCM
PROC-25020	Submittal returned with comments - LCM	1	22-Feb-24	23-Feb-24	Submittal returned with comments - LCM
PROC-25030	Submittal Revision - LCM	30	23-Feb-24	05-Apr-24	Submittal Revision - LCM
PROC-25040	Revised Submittal submitted - LCM	1	05-Apr-24	08-Apr-24	Revised Submittal submitted - LCM
PROC-25050	Revised Submittal Reviewed - LCM	21	09-Apr-24	29-Apr-24	Revised Submittal Reviewed - LCM
PROC-25060	Approve Shop Drawings - LCM	1	29-Apr-24	30-Apr-24	Approve Shop Drawings - LCM
PROC-25070	Fab & Deliver Material - LCM	80	30-Apr-24	22-Aug-24	Fab & Deliver Material - LCM
07.4646 - FIBER CI		227	28-Nov-23	18-Oct-24	07.4646 - FIBER
PROC-24920	Generate Shop Drawings - FCP	45	28-Nov-23	01-Feb-24	Generate Shop Drawings- FCP
PROC-24920	Review Drawings - FCP	21	02-Feb-24	22-Feb-24	Review Drawings - FCP
PROC-24930	Submittal returned with comments - FCP	1	22-Feb-24	22-1 eb-24 23-Feb-24	Submittal returned with comments - FCP
PROC-24940 PROC-24950	Submittal Revision - FCP	30	22-Feb-24 23-Feb-24	23-Feb-24 05-Apr-24	Submittal Revision - FCP
1100-24930		30	20-1 00-24	00-Api-24	

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	Procu	ement & Cons	truction Sc	hedule			
y ID	Activity Name	Original Duration	Start	Finish	2024	2025	2026
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PROC-24960	Revised Submittal submitted - FCP	1	05-Apr-24	08-Apr-24	Revised Submittal submitted - FCP		
PROC-24970	Revised Submittal Reviewed - FCP	21	09-Apr-24	29-Apr-24	Revised Submittal Reviewed - FCP		
PROC-24980	Approve Shop Drawings - FCP	1	29-Apr-24	30-Apr-24	Approve Shop Drawings - FCP		
PROC-24990	Fab & Deliver Material - FCP	120	30-Apr-24	18-Oct-24	Fab & Deliver Ma	terial - FCP	
08 OPENINGS		126	28-Nov-23	28-May-24	V 08 OPENINGS		
08.1000 DOORS	& FRAMES	126	28-Nov-23	28-May-24	V 08.1000 DOORS & FRAMES		
EXTERIOR ENTRAM	ICES AND STOREFRONTS	71	28-Nov-23	11-Mar-24	EXTERIOR ENTRANCES AND STOREFRONTS		
PROC-21090	Generate Shop Drawings - Exterior Doors	15	28-Nov-23	18-Dec-23	Generate Shop Drawings - Exterior Doors		
PROC-21100	Review Drawings - Exterior Doors	21	19-Dec-23	08-Jan-24	Review Drawings - Exterior Doors		· · · · · · · · · · · · · · · · · · ·
PROC-21110	Submittal returned with comments - Exterior Doors	1	08-Jan-24	09-Jan-24	Submittal returned with comments - Exterior Doors		
PROC-21120	Submittal Revision - Exterior Doors	5	09-Jan-24	17-Jan-24	Submittal Revision - Exterior Doors		
PROC-21130	Revised Submittal submitted - Exterior Doors	1	17-Jan-24	18-Jan-24	Revised Submittal submitted - Exterior Doors		
PROC-21140	Revised Submittal Reviewed - Exterior Doors	21	19-Jan-24	08-Feb-24	Revised Submittal Reviewed - Exterior Doors		
PROC-21150	Approve Shop Drawings - Exterior Doors	1	08-Feb-24	09-Feb-24	I Approve Shop Drawings - Exterior Doors		
PROC-21160	Fab & Deliver Material- Exterior Doors	20	09-Feb-24	11-Mar-24	Fab & Deliver Material- Exterior Doors		
PROC-21170	Release - Exterior Doors	0		09-Feb-24	♦ Release - Exterior Doors		
INTERIOR METAL D	DOORS	73	14-Feb-24	28-May-24	VINTERIOR METAL DOORS		
PROC-26670	Generate Shop Drawings - Interior Metal Doors	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Interior Metal Doors		
PROC-26680	Review Drawings - Interior Metal Doors	21	07-Mar-24	27-Mar-24	Review Drawings - Interior Metal Doors		·!
PROC-26720	Submittal returned with comments - Interior Metal Doors	1	27-Mar-24	28-Mar-24	Submittal returned with comments - Interior Metal Door		
PROC-26730	Submittal Revision - Interior Metal Doors	5	28-Mar-24	04-Apr-24	 Submittal Revision - Interior Metal Doors 		
PROC-26740	Revised Submittal submitted - Interior Metal Doors	1	04-Apr-24	05-Apr-24	Revised Submittal submitted - Interior Metal Doors		
PROC-26750	Revised Submittal Reviewed - Interior Metal Doors	21	04-Apr-24	26-Apr-24	Revised Submittal Reviewed - Interior Metal Doors		
PROC-26690	Approve Shop Drawings - Interior Metal Doors	21	26-Apr-24	20-Apr-24 29-Apr-24	Approve Shop Drawings - Interior Metal Doors		
PROC-26700	Fab & Deliver Material- Interior Metal Doors	20	•	· ·	Fab & Deliver Material- Interior Metal Doors		
	Release - Interior Metal Doors	20	29-Apr-24	28-May-24	Release - Interior Metal Doors		
PROC-26710		<u> </u>	14 Eab 04	29-Apr-24			
		73	14-Feb-24	28-May-24			
PROC-26760	Generate Shop Drawings - Interior Wood Doors	15	14-Feb-24	06-Mar-24	Generate Shop Drawings - Interior Wood Doors		· · · · · · · · · · · · · · · · · · ·
PROC-26770	Review Drawings - Interior Wood Doors	21	07-Mar-24	27-Mar-24	Review Drawings - Interior Wood Doors		
PROC-26810	Submittal returned with comments - Interior Wood Doors	1	27-Mar-24	28-Mar-24	Submittal returned with comments - Interior Wood Door	S	
PROC-26820	Submittal Revision - Interior Wood Doors	5	28-Mar-24	04-Apr-24	Submittal Revision - Interior Wood Doors		
PROC-26830	Revised Submittal submitted - Interior Wood Doors	1	04-Apr-24	05-Apr-24	Revised Submittal submitted - Interior Wood Doors		
PROC-26840	Revised Submittal Reviewed - Interior Wood Doors	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed - Interior Wood Door	5	
PROC-26780	Approve Shop Drawings - Interior Wood Doors	1	26-Apr-24	29-Apr-24	Approve Shop Drawings - Interior Wood Doors		
PROC-26790	Fab & Deliver Material- Interior Wood Doors	20	29-Apr-24	28-May-24	Fab & Deliver Material- Interior Wood Doors		
PROC-26800	Release - Interior Wood Doors	0		29-Apr-24	Release - Interior Wood Doors		
8.4113 - STOREF	RONT DOORS	226	03-Jan-24	20-Nov-24	▼ 08.4113 - S	TOREFRONT DOORS	
PROC-24680	Generate Shop Drawings - Storefront Doors	45	03-Jan-24	07-Mar-24	Generate Shop Drawings - Storefront Doors		
PROC-24690	Review Drawings - Storefront Doors	21	08-Mar-24	28-Mar-24	Review Drawings - Storefront Doors		
PROC-24710	Submittal Revision - Storefront Doors	30	28-Mar-24	09-May-24	Submittal Revision - Storefront Doors		
PROC-24720	Revised Submittal submitted - Storefront Doors	1	09-May-24	10-May-24	Revised Submittal submitted - Storefront Doors		
PROC-24730	Revised Submittal Reviewed - Storefront Doors	21	11-May-24	31-May-24	Revised Submittal Reviewed - Storefront Do	oors	
PROC-24740	Approve Shop Drawings - Storefront Doors	1	31-May-24	03-Jun-24	Approve Shop Drawings - Storefront Doors		
PROC-24750	Fab & Deliver Material - Storefront Doors	120	03-Jun-24	20-Nov-24	Fab & Deliv	er Material - Storefront Doors	
8.4229.23 - SLIDI	NG VESTIBULE DOORS	227	03-Jan-24	21-Nov-24	▼ 08.4229.23	3 - SLIDING VESTIBULE DOORS	
PROC-24840	Generate Shop Drawings - Sliding Doors	45	03-Jan-24	07-Mar-24	Generate Shop Drawings - Sliding Doors		
PROC-24850	Review Drawings - Sliding Doors	21	08-Mar-24	28-Mar-24	Review Drawings - Sliding Doors		
PROC-24860	Submittal returned with comments - Sliding Doors	1	28-Mar-24	29-Mar-24	Submittal returned with comments - Sliding Doors		
 Remaining Leve 		Work			e 9 of 34 Data Date: 28-Nov-2 Print Date: 05-Jan-2		



ivity ID	Activity Name	Original	Start	Finish	
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PROC-24870	Submittal Revision - Sliding Doors	30	29-Mar-24	10-May-24	Submittal Revision - Sliding Doors
PROC-24880	Revised Submittal submitted - Sliding Doors	1	10-May-24	13-May-24	Revised Submittal submitted - Sliding Doors
PROC-24890	Revised Submittal Reviewed - Sliding Doors	21	14-May-24	03-Jun-24	Revised Submittal Reviewed - Sliding Doors
PROC-24900	Approve Shop Drawings - Sliding Doors	1	03-Jun-24	04-Jun-24	I Approve Shop Drawings - Sliding Doors
PROC-24910	Fab & Deliver Material - Sliding Doors	120	04-Jun-24	21-Nov-24	Fab & Deliver Material
08.4413 - ALUMIN	IUM CURTAIN WALLS	277	03-Jan-24	05-Feb-25	▼ 08.4413
PROC-24760	Generate Shop Drawings - Aluminum CW	45	03-Jan-24	07-Mar-24	Generate Shop Drawings - Aluminum CW
PROC-24770	Review Drawings - Aluminum CW	21	08-Mar-24	28-Mar-24	Review Drawings - Aluminum CW
PROC-24780	Submittal returned with comments - Aluminum CW	1	28-Mar-24	29-Mar-24	Submittal returned with comments - Aluminum CW
PROC-24790	Submittal Revision - Aluminum CW	30	29-Mar-24	10-May-24	Submittal Revision - Aluminum CW
PROC-24800	Revised Submittal submitted - Aluminum CW	1	10-May-24	13-May-24	Revised Submittal submitted - Aluminum CW
PROC-24810	Revised Submittal Reviewed - Aluminum CW	21	14-May-24	03-Jun-24	Revised Submittal Reviewed - Aluminum CW
PROC-24820	Approve Shop Drawings - Aluminum CW	1	03-Jun-24	04-Jun-24	I Approve Shop Drawings - Aluminum CW
PROC-24830	Fab & Deliver Material - Aluminum CW	170	04-Jun-24	05-Feb-25	Fab & De
08.44 <u>22 - TIMBER</u>	R CURTAIN WALLS	330	03-Jan-24	21-Apr-25	
PROC-24600	Generate Shop Drawings - Timber CW	45	03-Jan-24	07-Mar-24	Generate Shop Drawings - Timber CW
PROC-24610	Review Drawings - Timber CW	21	08-Mar-24	28-Mar-24	Review Drawings - Timber CW
PROC-25570	Performance Mock Up	80	08-Mar-24	28-Jun-24	Performance Mock Up
PROC-24620	Submittal returned with comments - Timber CW	1	28-Mar-24	29-Mar-24	Submittal returned with comments - Timber CW
PROC-24630	Submittal Revision - Timber CW	30	29-Mar-24	10-May-24	Submittal Revision - Timber CW
PROC-24640	Revised Submittal submitted - Timber CW	1	01-Jul-24	01-Jul-24	Revised Submittal submitted - Timber CW
PROC-24650	Revised Submittal Reviewed - Timber CW	21	02-Jul-24	22-Jul-24	Revised Submittal Reviewed - Timber CW
PROC-24660	Approve Shop Drawings - Timber CW	1	22-Jul-24	23-Jul-24	Approve Shop Drawings - Timber CW
PROC-24670	Fab & Deliver Material - Timber CW	190	22-Jul-24	21-Apr-25	
	FRONT GLAZING	202	03-Jan-24	17-Oct-24	08.8000 - STOREFRONT GL
PROC-25320	Generate Shop Drawings - Storefront Glazing	45	03-Jan-24	07-Mar-24	Génerate Shop Drawings - Storefront Glazing
PROC-25330	Review Drawings - Storefront Glazing	21	08-Mar-24	28-Mar-24	Review Drawings - Storefront Glazing
PROC-25360	Submittal returned with comments - Storefront Glazing	1	28-Mar-24	29-Mar-24	Submittal returned with comments - Storefront Glazing
PROC-25370	Submittal Revision - Storefront Glazing	30	29-Mar-24	10-May-24	Submittal Revision - Storefront Glazing
PROC-25380	Revised Submittal submitted - Storefront Glazing	1	10-May-24	13-May-24	Revised Submittal submitted - Storefront Glazing
PROC-25390	Revised Submittal Reviewed - Storefront Glazing	21	14-May-24	03-Jun-24	Revised Submittal Reviewed - Storefront Glazing
PROC-25340	Approve Shop Drawings - Storefront Glazing	1	03-Jun-24	04-Jun-24	Approve Shop Drawings - Storefront Glazing
PROC-25350	Fab & Deliver Material - Storefront Glazing	95	04-Jun-24	17-Oct-24	Fab & Deliver Material - Store
	IN WALL GLAZING	202	03-Jan-24	17-Oct-24	V 08.8000 - CURTAIN WALL G
PROC-25400	Generate Shop Drawings - Curtain Wall Glazing	45	03-Jan-24	07-Mar-24	Generate Shop Drawings - Curtain Wall Glazing
PROC-25400				28-Mar-24	
PROC-25410 PROC-25440	Review Drawings - Curtain Wall Glazing	21	08-Mar-24	28-Mar-24 29-Mar-24	Review Drawings - Curtain Wall Glazing Submittal returned with comments - Curtain Wall Glazing
	Submittal returned with comments - Curtain Wall Glazing	1	28-Mar-24		
PROC-25450	Submittal Revision - Curtain Wall Glazing	30	29-Mar-24	10-May-24	Submittal Revision - Curtain Wall Glazing
PROC-25460 PROC-25470	Revised Submittal submitted - Curtain Wall Glazing	21	10-May-24	13-May-24	Revised Submittal submitted - Curtain Wall Glazing Revised Submittal Reviewed - Curtain Wall Glazing
	Revised Submittal Reviewed - Curtain Wall Glazing	21	14-May-24	03-Jun-24	Revised Submittal Reviewed - Curtain Wall Glazing
PROC-25420	Approve Shop Drawings - Curtain Wall Glazing	1	03-Jun-24	04-Jun-24	I Approve Shop Drawings - Curtain Wall Glazing
PROC-25430	Fab & Deliver Material - Curtain Wall Glazing	95	04-Jun-24	17-Oct-24	Fab & Deliver Material - Curta
	WINDOW GLAZING	202	03-Jan-24	17-Oct-24	▼ 08.8000 - STRIP WINDOW G
PROC-2200	Generate Shop Drawings - Strip Window Glazing	45	03-Jan-24	07-Mar-24	Generate Shop Drawings - Strip Window Glazing
PROC-4700	Review Drawings - Strip Window Glazing	21	08-Mar-24	28-Mar-24	Review Drawings - Strip Window Glazing
PROC-11700	Submittal returned with comments - Strip Window Glazing	1	28-Mar-24	29-Mar-24	Submittal returned with comments - Strip Window Glazing
PROC-13500	Submittal Revision - Strip Window Glazing	30	29-Mar-24	10-May-24	Submittal Revision - Strip Window Glazing

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PROC-16300	Revised Submittal submitted - Strip Window Glazing	1	10-May-24	13-May-24	ec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Ma Revised Submittal submitted - Strip Window Glazing
PROC-18100	Revised Submittal Reviewed - Strip Window Glazing	21	14-May-24	03-Jun-24	Revised Submittal Reviewed - Strip Window Glazing
PROC-20300	Approve Shop Drawings - Strip Window Glazing	1	03-Jun-24	04-Jun-24	Approve Shop Drawings - Strip Window Glazing
PROC-20500	Fab & Deliver Material - Strip Window Glazing	95	04-Jun-24	17-Oct-24	Fab & Deliver Material - Strip Window Glazing
09 FINISHES		73	14-Feb-24	28-May-24	V 09 FINISHES
09.22 FRAMING		73	14-Feb-24	28-May-24	V 09.22 FRAMING
COLD FORMED MET		73	14-Feb-24	28-May-24	
	Generate Shop Drawings -CF Metal Framing	15	14-Feb-24	06-Mar-24	Generate Shop Drawings -CF Metal Framing
PROC-21810	Review Drawings -CF Metal Framing	21	07-Mar-24	27-Mar-24	Review Drawings -CF Metal Framing
PROC-21820	Submittal returned with comments -CF Metal Framing	21	27-Mar-24	27-Wai-24 28-Mar-24	Submittal returned with comments -CF Metal Framing
PROC-21830	Submittal Revision -CF Metal Framing	I	27-Mar-24 28-Mar-24	04-Apr-24	Submittal Revision -CF Metal Framing
PROC-21840	Revised Submittal submitted -CF Metal Framing	3		04-Api-24	Revised Submittal submitted -CF Metal Framing
PROC-21850	Revised Submittal Reviewed -CF Metal Framing	1	04-Apr-24 06-Apr-24	26-Apr-24	Revised Submittal Reviewed -CF Metal Framing
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PROC-21870	Approve Shop Drawings -CF Metal Framing	1	26-Apr-24	29-Apr-24	Approve Shop Drawings -CF Metal Framing
PROC-21880	Fab & Deliver Material-CF Metal Framing	20	29-Apr-24	28-May-24	Fab & Deliver Material-CF Metal Framing
PROC-21890	Release -CF Metal Framing		14 E-h 04	29-Apr-24	♦ Release -CF Metal Framing
09.50 CEILINGS		73	14-Feb-24	28-May-24	V 09.50 CEILINGS
SUSPENDED ACOUS		73	14-Feb-24	28-May-24	▼ SUSPENDED ACOUSTICAL CEILINGS
PROC-24150	Generate Shop Drawings -Suspended Ceilings	15	14-Feb-24	06-Mar-24	Generate Shop Drawings -Suspended Ceilings
PROC-24160	Review Drawings -Suspended Ceilings	21	07-Mar-24	27-Mar-24	Review Drawings -Suspended Ceilings
PROC-24170	Submittal returned with comments -Suspended Ceilings	1	27-Mar-24	28-Mar-24	Submittal returned with comments -Suspended Ceilings
PROC-24180	Submittal Revision -Suspended Ceilings	5	28-Mar-24	04-Apr-24	Submittal Revision -Suspended Ceilings
PROC-24190	Revised Submittal submitted -Suspended Ceilings	1	04-Apr-24	05-Apr-24	Revised Submittal submitted -Suspended Ceilings
PROC-24200	Revised Submittal Reviewed -Suspended Ceilings	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed -Suspended Ceilings
PROC-24210	Approve Shop Drawings -Suspended Ceilings	1	26-Apr-24	29-Apr-24	Approve Shop Drawings -Suspended Ceilings
PROC-24220	Fab & Deliver Material-Suspended Ceilings	20	29-Apr-24	28-May-24	Fab & Deliver Material-Suspended Ceilings
PROC-24230	Release -Suspended Ceilings	0		29-Apr-24	♦ Release -Suspended Ceilings
10 SPECIALTIES		113	14-Feb-24	24-Jul-24	▼ 10 SPECIALTIES
10.14 SIGNAGE		73	14-Feb-24	28-May-24	V 10.14 SIGNAGE
DIMENSIONAL LETT	ER BUILDING SIGNAGE	73	14-Feb-24	28-May-24	V DIMENSIONAL LETTER BUILDING SIGNAGE
PROC-24240	Generate Shop Drawings -Signage	15	14-Feb-24	06-Mar-24	Cenerate Shop Drawings -Signage
PROC-24250	Review Drawings -Signage	21	07-Mar-24	27-Mar-24	Review Drawings -Signage
PROC-24260	Submittal returned with comments -Signage	1	27-Mar-24	28-Mar-24	Submittal returned with commerits -Signage
PROC-24270	Submittal Revision -Signage	5	28-Mar-24	04-Apr-24	Submittal Revision -Signage
PROC-24280	Revised Submittal submitted -Signage	1	04-Apr-24	05-Apr-24	Revised Submittal submitted -Signage
PROC-24290	Revised Submittal Reviewed -Signage	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed -Signage
PROC-24300	Approve Shop Drawings -Signage	1	26-Apr-24	29-Apr-24	Approve Shop Drawings -Signage
PROC-24310	Fab & Deliver Material-Signage	20	29-Apr-24	28-May-24	Fab & Deliver Material-Signage
PROC-24320	Release -Signage	0		29-Apr-24	♦ Release -Signage
10.20 INTERIOR S	PECIALTIES	113	14-Feb-24	24-Jul-24	▼ 10.20 INTERIOR SPECIALTIES
PROC-2400	Generate Shop Drawings - Interior Specialties	20	14-Feb-24	13-Mar-24	Generate Shop Drawings - Interior Specialties
PROC-4900	Review Drawings - Interior Specialties	21	14-Mar-24	03-Apr-24	Review Drawings - Interior Specialties
PROC-7400	Submittal returned with comments - Interior Specialties	1	03-Apr-24	04-Apr-24	Submittal returned with comments - Interior Specialties
PROC-9700	Submittal Revision - Interior Specialties	5	04-Apr-24	11-Apr-24	Submittal Revision - Interior Specialties
PROC-10300	Revised Submittal submitted - Interior Specialties	1	11-Apr-24	12-Apr-24	Revised Submittal submitted - Interior Specialties
PROC-10900	Revised Submittal Reviewed - Interior Specialties	21	13-Apr-24	03-May-24	Revised Submittal Reviewed - Interior Specialties
PROC-15500	Approve Shop Drawings - Interior Specialties	1	03-May-24	06-May-24	Approve Shop Drawings - Interior Specialties
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		ent & Cons				
<i>r</i> ity ID	Activity Name	Original Duration	Start	Finish	2024 2025	2026
					Dec Jan [Feb [Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec   Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec   J	Jan Feb Mar
PROC-15900	Fab & Deliver Material - Interior Specialties	55	06-May-24	24-Jul-24	Fab & Deliver Material - Interior Specialties	
11 EQUIPMENT		133	14-Feb-24	21-Aug-24	▼ 11 EQUIPMENT	
FACILITY EQUIPM	MENT	133	14-Feb-24	21-Aug-24	FACILITY EQUIPMENT	
PROC-2500	Generate Shop Drawings - Facility Equipment	20	14-Feb-24	13-Mar-24	Generate Shop Drawings - Facility Equipment	
PROC-5000	Review Drawings - Facility Equipment	21	14-Mar-24	03-Apr-24	Review Drawings - Facility Equipment	
PROC-7500	Submittal returned with comments - Facility Equipment	1	03-Apr-24	04-Apr-24	Submittal returned with comments - Facility Equipment	
PROC-9800	Submittal Revision - Facility Equipment	5	04-Apr-24	11-Apr-24	Submittal Revision - Facility Equipment	
PROC-10400	Revised Submittal submitted - Facility Equipment	1	11-Apr-24	12-Apr-24	Revised Submittal submitted - Facility Equipment	
PROC-11000	Revised Submittal Reviewed - Facility Equipment	21	13-Apr-24	03-May-24	Revised Submittal Reviewed - Facility Equipment	
PROC-15600	Approve Shop Drawings - Facility Equipment	1	03-May-24	06-May-24	Approve Shop Drawings - Facility Equipment	
PROC-16000	Fab & Deliver Material - Facility Equipment	75	06-May-24	21-Aug-24	Fab & Deliver Material - Facility Equipment	
14 CONVEYING E	QUIPMENT	168	05-Feb-24	01-Oct-24	▼ 14 CONVEYING EQUIPMENT	
14.20 ELEVATOR	25	168	05-Feb-24	01-Oct-24	▼ 14.20 ELEVATORS	
PROC-2300	Generate Shop Drawings - Elevator	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - Elevator	
PROC-4800	Review Drawings - Elevator	21	05-Mar-24	25-Mar-24	Review Drawings - Elevator	
PROC-7300	Submittal returned with comments - Elevator	1	25-Mar-24	26-Mar-24	Submittal returned with comments - Elevator	
PROC-9600	Submittal Revision - Elevator	10	26-Mar-24	09-Apr-24	Submittal Revision - Elevator	
PROC-13600	Revised Submittal submitted - Elevator	1	09-Apr-24	10-Apr-24	Revised Submittal submitted - Elevator	
PROC-15400	Revised Submittal Reviewed - Elevator	21	11-Apr-24	01-May-24	Revised Submittal Reviewed - Elevator	
PROC-18200	Approve Shop Drawings - Elevator	1	01-May-24	02-May-24	Approve Shop Drawings - Elevator	
PROC-19900	Fab & Deliver Material - Elevator	105	02-May-24	01-Oct-24	Fab & Deliver Material - Elevator	
ELECTRIC TRACTIO	ON ELEVATORS	73	05-Feb-24	16-May-24	▼ ELECTRIC TRACTION ELEVATORS	
PROC-22260	Generate Shop Drawings -Traction Elevators	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Traction Elevators	
PROC-22270	Review Drawings -Traction Elevators	21	27-Feb-24	18-Mar-24	Review Drawings - Traction Elevators	
PROC-22280	Submittal returned with comments -Traction Elevators	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Traction Elevators	
PROC-22290	Submittal Revision -Traction Elevators	5	19-Mar-24	26-Mar-24	Submittal Revision -Traction Elevators	
PROC-22300	Revised Submittal submitted -Traction Elevators	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Traction Elevators	
PROC-22310	Revised Submittal Reviewed -Traction Elevators	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed - Traction Elevators	
PROC-22320	Approve Shop Drawings -Traction Elevators	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Traction Elevators	
PROC-22330	Fab & Deliver Material-Traction Elevators	20	18-Apr-24	16-May-24	Fab & Deliver Material-Traction Elevators	
PROC-22340	Release -Traction Elevators	0	•	18-Apr-24	♦ Release -Traction Elevators	
21 FIRE SUPPRES	SSION	73	05-Feb-24	16-May-24	▼ 21 FIRE SUPPRESSION	
	SION SPRINKLER SYSTEMS	73	05-Feb-24	16-May-24	FIRE SUPPRESSION SPRINKLER SYSTEMS	
PROC-24330	Generate Shop Drawings -Fire Suppression	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Fire Suppression	
PROC-24340	Review Drawings -Fire Suppression	21	27-Feb-24	18-Mar-24	Review Drawings - Fire Suppression	
PROC-24350	Submittal returned with comments -Fire Suppression	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Fire Suppression	
PROC-24360	Submittal Revision -Fire Suppression	5	19-Mar-24	26-Mar-24	Submittal Revision -Fire Suppression	
PROC-24370	Revised Submittal submitted -Fire Suppression	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Fire Suppression	
PROC-24380	Revised Submittal Reviewed -Fire Suppression	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed Fire Suppression	
PROC-24390	Approve Shop Drawings -Fire Suppression	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Fire Suppression	
PROC-24400	Fab & Deliver Material-Fire Suppression	20	18-Apr-24	16-May-24	Fab & Deliver Material-Fire Suppression	
PROC-24410	Release -Fire Suppression	0	10 Api-24	18-Apr-24	♦ Release -Fire Suppression	
22 PLUMBING		173	05-Feb-24	08-Oct-24	▼ Release -File Suppression ▼ 22 PLUMBING	
	MDC					
22.10 PIPING/PU		73	05-Feb-24	16-May-24	22.10 PIPING/PUMPS	
	MIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT	73	05-Feb-24	16-May-24	VIBRATION & SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT	
PROC-21450	Generate Shop Drawings -Seismic Plumbing Piping	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Seismic Plumbing Piping	
PROC-21460	Review Drawings -Seismic Plumbing Piping	21	27-Feb-24	18-Mar-24	Review Drawings - Seismic Plumbing Piping	
Remaining Lev Actual Level of	-	<		Page 12	2 of 34 Data Date: 28-Nov-23 Print Date: 05-Jan-24 Time: 13:07 Filter: TASK filter: In Progress Not Start.	

	Procuremen	t & Cons	truction Sc	hedule	
vity ID	Activity Name	Original	Start	Finish	2024
		Duration			Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb
PROC-21470	Submittal returned with comments -Seismic Plumbing Piping	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Seismic Plumbing Piping
PROC-21480	Submittal Revision -Seismic Plumbing Piping	5	19-Mar-24	26-Mar-24	Submittal Revision -Seismic Plumbing Piping
PROC-21490	Revised Submittal submitted -Seismic Plumbing Piping	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Seismic Plumbing Piping
PROC-21500	Revised Submittal Reviewed -Seismic Plumbing Piping	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed Seismic Plumbing Piping
PROC-21510	Approve Shop Drawings -Seismic Plumbing Piping	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Seismic Plumbing Piping
PROC-21520	Fab & Deliver Material-Seismic Plumbing Piping	20	18-Apr-24	16-May-24	Fab & Deliver Material-Seismic Plumbing Piping
PROC-21530	Release -Seismic Plumbing Piping	0		18-Apr-24	Release -Seismic Plumbing Piping
HANGERS & SUPPO	ORTS FOR PLUMBING, PIPING	73	05-Feb-24	16-May-24	HANGERS & SUPPORTS FOR PLUMBING, PIPING
PROC-21360	Generate Shop Drawings -Hangers & Supports Plumbing Piping	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Hangers & Supports Plumbing Piping
PROC-21370	Review Drawings -Hangers & Supports Plumbing Piping	21	27-Feb-24	18-Mar-24	Review Drawings -Hangers & Supports Plumbing Piping
PROC-21380	Submittal returned with comments -Hangers & Supports Plumbing Piping	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Hangers & Supports Plumb
PROC-21390	Submittal Revision -Hangers & Supports Plumbing Piping	5	19-Mar-24	26-Mar-24	Submittal Revision -Hangers & Supports Plumbing Piping
PROC-21400	Revised Submittal submitted -Hangers & Supports Plumbing Piping	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Hangers & Supports Plumbing I
PROC-21410	Revised Submittal Reviewed -Hangers & Supports Plumbing Piping	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed Hangers & Supports Plumbi
PROC-21420	Approve Shop Drawings -Hangers & Supports Plumbing Piping	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Hahgers & Supports Plumbing F
PROC-21430	Fab & Deliver Material-Hangers & Supports Plumbing Piping	20	18-Apr-24	16-May-24	Fab & Deliver Material-Hangers & Supports Plumbing
PROC-21440	Release -Hangers & Supports Plumbing Piping	0		18-Apr-24	Release -Hangers & Supports Plumbing Piping
EXPANSION FITTIN	GS & LOOPS FOR PLUMBING PIPING	73	05-Feb-24	16-May-24	EXPANSION FITTINGS & LOOPS FOR PLUMBING
PROC-21270	Generate Shop Drawings -EF&L Plumbing Piping	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -EF&L Plumbing Piping
PROC-21280	Review Drawings -EF&L Plumbing Piping	21	27-Feb-24	18-Mar-24	Review Drawings -EF&L Plumbing Piping
PROC-21290	Submittal returned with comments -EF&L Plumbing Piping	1	18-Mar-24	19-Mar-24	Submittal returned with comments -EF&L Plumbing Piping
PROC-21300	Submittal Revision -EF&L Plumbing Piping	5	19-Mar-24	26-Mar-24	Submittal Revision -EF&L Plumbing Piping
PROC-21310	Revised Submittal submitted -EF&L Plumbing Piping	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -EF&L Plumbing Piping
PROC-21320	Revised Submittal Reviewed -EF&L Plumbing Piping	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -EF&L Plumbing Piping
PROC-21330	Approve Shop Drawings -EF&L Plumbing Piping	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -EF&L Plumbing Piping
PROC-21340	Fab & Deliver Material-EF&L Plumbing Piping	20	18-Apr-24	16-May-24	Fab & Deliver Material-EF&L Plumbing Piping
PROC-21350	Release -EF&L Plumbing Piping	0	10749121	18-Apr-24	♦ Release -EF&L Plumbing Piping
22.30 PLUMBING		173	05-Feb-24	08-Oct-24	▼ 22.30 PLUMBING EQUIP
PROC-2000			05-Feb-24	04-Mar-24	Generate Shop Drawings - Plumbing Equipment
PROC-4600	Generate Shop Drawings - Plumbing Equipment Review Drawings - Plumbing Equipment	20	05-Mar-24	25-Mar-24	Review Drawings - Plumbing Equipment
PROC-7200		1	25-Mar-24	25-Mar-24 26-Mar-24	
	Submittal returned with comments - Plumbing Equipment				Submittal returned with comments - Plumbing Equipment
PROC-9500	Submittal Revision - Plumbing Equipment	5	26-Mar-24	02-Apr-24	Submittal Revision - Plumbing Equipment
PROC-10200	Revised Submittal submitted - Plumbing Equipment	1	02-Apr-24	03-Apr-24	Revised Submittal submitted - Plumbing Equipment
PROC-10800	Revised Submittal Reviewed - Plumbing Equipment	21	04-Apr-24	24-Apr-24	Revised Submittal Reviewed - Plumbing Equipment
PROC-15300	Approve Shop Drawings - Plumbing Equipment	1	24-Apr-24	25-Apr-24	Approve Shop Drawings - Plumbing Equipment
PROC-15800	Fab & Deliver Material - Plumbing Equipment	115	25-Apr-24	08-Oct-24	Fab & Deliver Material - P
_23 HVAC		283	05-Feb-24	17-Mar-25	
23.20 HVAC PIPIN	IG & PUMPS	238	05-Feb-24	13-Jan-25	▼ 23.20 H
HYDRONIC PUMPS	,	143	05-Feb-24	26-Aug-24	▼ HYDRONIC PUMPS
PROC-1900	Generate Shop Drawings - Hydronic Pumps	60	05-Feb-24	29-Apr-24	Generate Shop Drawings - Hydronic Pumps
PROC-4500	Review Drawings - Hydronic Pumps	21	30-Apr-24	20-May-24	Review Drawings - Hydronic Pumps
PROC-7100	Submittal returned with comments - Hydronic Pumps	1	20-May-24	21-May-24	Submittal returned with comments - Hydronic Pump
PROC-9400	Submittal Revision - Hydronic Pumps	10	21-May-24	05-Jun-24	Submittal Revision - Hydronic Pumps
PROC-13400	Revised Submittal submitted - Hydronic Pumps	1	05-Jun-24	06-Jun-24	Revised Submittal submitted - Hydronic Pumps
PROC-15200	Revised Submittal Reviewed - Hydronic Pumps	21	07-Jun-24	27-Jun-24	Revised Submittal Reviewed - Hydronic Pum
PROC-18000	Approve Shop Drawings - Hydronic Pumps	1	27-Jun-24	28-Jun-24	Approve Shop Drawings - Hydronic Pumps
PROC-19800	Fab & Deliver Material - Hydronic Pumps	40	28-Jun-24	26-Aug-24	Fab & Deliver Material - Hydronic
VRVs		208	05-Feb-24	26-Nov-24	VRVs
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	Procureme							
ty ID	Activity Name	Original Duration	Start	Finish		2024	2025	2026
PROC-21630	Generate Shop Drawings - VRVs	60	05-Feb-24	29-Apr-24	Dec	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Ma Generate Shop Drawings - VRVs	I Feb Mar Apr May Jun Jul Aug Sep Oct Nov	
PROC-21640	Review Drawings - VRVs	21	30-Apr-24	20-May-24		Review Drawings - VRVs		
PROC-21650	Submittal returned with comments - VRVs	21	•	20-May-24 21-May-24		Submittal returned with comments - VRVs		
	Submittal Revision - VRVs	5	20-May-24					
PROC-21660		5	21-May-24	29-May-24		Submittal Revision - VRVs		
PROC-21670	Revised Submittal Submitted - VRVs	1	29-May-24	30-May-24		Revised Submittal submitted - VRVs		
PROC-21680	Revised Submittal Reviewed - VRVs	21	31-May-24	20-Jun-24		Revised Submittal Reviewed - VRVs	· · · · · · · · · · · · · · · · · · ·	
PROC-21690	Approve Shop Drawings - VRVs	1	20-Jun-24	21-Jun-24		Approve Shop Drawings - VRVs		
PROC-21700	Fab & Deliver Material- VRVs	110	21-Jun-24	26-Nov-24		Fab & Deliver Mater	ial- VRVs	
PROC-21710	Release - VRVs	0		21-Jun-24		◆ Release - VRVs		
	IGS & LOOPS FOR HVAC PIPING	73	05-Feb-24	16-May-24		EXPANSION FITTINGS & LOOPS FOR HVAC PIPING		
PROC-23790	Generate Shop Drawings -Exp. Fittings-HVAC	15	05-Feb-24	26-Feb-24		Generate Shop Drawings -Exp. Fittings-HVAC	·	
PROC-23800	Review Drawings -Exp. Fittings-HVAC	21	27-Feb-24	18-Mar-24		Review Drawings Exp. Fittings-HVAC		
PROC-23810	Submittal returned with comments -Exp. Fittings-HVAC	1	18-Mar-24	19-Mar-24		Submittal returned with comments -Exp. Fittings-HVAC		
PROC-23820	Submittal Revision -Exp. Fittings-HVAC	5	19-Mar-24	26-Mar-24		Submittal Revision -Exp. Fittings-HVAC		
PROC-23830	Revised Submittal submitted -Exp. Fittings-HVAC	1	26-Mar-24	27-Mar-24		Revised Submittal submitted -Exp. Fittings-HVAC		
PROC-23840	Revised Submittal Reviewed -Exp. Fittings-HVAC	21	28-Mar-24	17-Apr-24		Revised Submittal Reviewed Exp. Fittings-HVAC		   
PROC-23850	Approve Shop Drawings -Exp. Fittings-HVAC	1	17-Apr-24	18-Apr-24		Approve Shop Drawings -Exp. Fittings-HVAC		1
PROC-23860	Fab & Deliver Material-Exp. Fittings-HVAC	20	18-Apr-24	16-May-24		Fab & Deliver Material-Exp. Fittings-HVAC		
PROC-23870	Release -Exp. Fittings-HVAC	0		18-Apr-24		<ul> <li>Release -Exp. Fittings-HVAC</li> </ul>		
HYDRONIC PIPING		73	05-Feb-24	16-May-24		V HYDRONIC PIPING		
PROC-23610	Generate Shop Drawings -Hydronic Piping	15	05-Feb-24	26-Feb-24		Generate Shop Drawings -Hydronic Piping		
PROC-23620	Review Drawings -Hydronic Piping	21	27-Feb-24	18-Mar-24		Review Drawings -Hydronic Piping		
PROC-23630	Submittal returned with comments -Hydronic Piping	1	18-Mar-24	19-Mar-24		Submittal returned with comments -Hydronic Piping		
PROC-23640	Submittal Revision -Hydronic Piping	5	19-Mar-24	26-Mar-24		Submittal Revision -Hydronic Piping		
PROC-23650	Revised Submittal submitted -Hydronic Piping	1	26-Mar-24	27-Mar-24		Revised Submittal submitted -Hydronic Piping		
PROC-23660	Revised Submittal Reviewed -Hydronic Piping	21	28-Mar-24	17-Apr-24		Revised Submittal Reviewed -Hydronic Piping		
PROC-23670	Approve Shop Drawings -Hydronic Piping	1	17-Apr-24	18-Apr-24	•i-	Approve Shop Drawings -Hydronic Piping	- <b>-</b>	
PROC-23680	Fab & Deliver Material-Hydronic Piping	20		16-May-24		Fab & Deliver Material-Hydronic Piping		
PROC-23690	Release -Hydronic Piping	0		18-Apr-24		♦ Release -Hydronic Piping		
AIR SOURCE HEAT	, , , ,	238	05-Feb-24	13-Jan-25			CE HEAT PUMPS	
PROC-1600	Generate Shop Drawings - Mechanical Equipment	20	05-Feb-24	04-Mar-24		Generate Shop Drawings - Mechanical Equipment		
PROC-4200	Review Drawings - Mechanical Equipment	21	05-Mar-24	25-Mar-24		Review Drawings - Mechanical Equipment		
PROC-6800	Submittal returned with comments - Mechanical Equipment	1	25-Mar-24	26-Mar-24		Submittal returned with comments - Mechanical Equipment		
PROC-9100	Submittal Revision - Mechanical Equipment	10	26-Mar-24	09-Apr-24		Submittal Revision - Mechanical Equipment		
PROC-13100	Revised Submittal submitted - Mechanical Equipment	1	09-Apr-24	10-Apr-24		Revised Submittal submitted - Mechanical Equipment		
PROC-14900	Revised Submittal Reviewed - Mechanical Equipment	21	11-Apr-24	01-May-24		Revised Submittal Reviewed - Mechanical Equipment		
PROC-17700		21	•	,			- <del> </del>	i 
	Approve Shop Drawings - Mechanical Equipment	475	01-May-24	02-May-24		Approve Shop Drawings - Mechanical Equipment		
PROC-19500	Fab & Deliver Material - Mechanical Equipment	175	02-May-24	13-Jan-25			/er Material - Mechanical Equipment	
22.30 HVAC AIR D	JISTRIBUTION	173	05-Feb-24	08-Oct-24		▼ 22.30 HVAC AIR DISTRIBUT	ψN	
VAV/EAV BOXES		143	05-Feb-24	26-Aug-24		VAV/EAV BOXES		
PROC-1700	Generate Shop Drawings - VAV/EAV Boxes	60	05-Feb-24	29-Apr-24	¦-	Generate Shop Drawings - VAV/EAV Boxes		
PROC-4300	Review Drawings - VAV/EAV Boxes	21	30-Apr-24	20-May-24		Review Drawings - VAV/EAV Boxes		
PROC-6900	Submittal returned with comments - VAV/EAV Boxes	1	20-May-24	21-May-24		Submittal returned with comments - VAV/EAV Boxes		
PROC-9200	Submittal Revision - VAV/EAV Boxes	10	21-May-24	05-Jun-24		Submittal Revision + VAV/EAV Boxes		
PROC-13200	Revised Submittal submitted - VAV/EAV Boxes	1	05-Jun-24	06-Jun-24		Revised Submittal submitted - VAV/EAV Boxes		
PROC-15000	Revised Submittal Reviewed - VAV/EAV Boxes	21	07-Jun-24	27-Jun-24		Revised Submittal Reviewed - VAV/EAV Boxes		
PROC-17800	Approve Shop Drawings - VAV/EAV Boxes	1	27-Jun-24	28-Jun-24		Approve Shop Drawings - VAV/EAV Boxes		
PROC-19600	Fab & Deliver Material - VAV/EAV Boxes	40	28-Jun-24	26-Aug-24		Fab & Deliver Material - VAV/EAV Bo	xes	
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	Procureme	ent & Cons	truction Sc	hedule	
ity ID	Activity Name	Original	Start	Finish	
		Duration			2024         2025         2026           [Dec ] Jan [Feb ] Mar [ Apr ] May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar ] Apr [May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Jun ] Jul ] Aug [Sep ] Oct ] Nov [Dec ] Jan [Feb ] Mar         Apr [ May ] Mar         Apr [ May ] Mar         Apr [ Mar
SOUND TRAPS		163	05-Feb-24	24-Sep-24	V SOUND TRAPS
PROC-1800	Generate Shop Drawings - Sound Traps	60	05-Feb-24	29-Apr-24	Generate Shop Drawings - Sound Traps
PROC-4400	Review Drawings - Sound Traps	21	30-Apr-24	20-May-24	Review Drawings - Sound Traps
PROC-7000	Submittal returned with comments - Sound Traps	1	20-May-24	21-May-24	Submittal returned with comments - Sound Traps
PROC-9300	Submittal Revision - Sound Traps	10	21-May-24	05-Jun-24	Submittal Revision - Sound Traps
PROC-13300	Revised Submittal submitted - Sound Traps	1	05-Jun-24	06-Jun-24	Revised Submittal submitted - Sound Traps
PROC-15100	Revised Submittal Reviewed - Sound Traps	21	07-Jun-24	27-Jun-24	Revised Submittal Reviewed - Sound Traps
PROC-17900	Approve Shop Drawings - Sound Traps	1	27-Jun-24	28-Jun-24	Approve Shop Drawings - Sound Traps
PROC-19700	Fab & Deliver Material - Sound Traps	60	28-Jun-24	24-Sep-24	Fab & Deliver Material - Sound Traps
VFDs		173	05-Feb-24	08-Oct-24	VEDs
 PROC-1400	Generate Shop Drawings - Variable Frequency Drives	60	05-Feb-24	29-Apr-24	Generate Shop Drawings - Variable Frequency Drives
PROC-4000	Review Drawings - Variable Frequency Drives	21	30-Apr-24	20-May-24	Review Drawings - Variable Frequency Drives
PROC-6600	Submittal returned with comments - Variable Frequency Drives	1	20-May-24	21-May-24	Submittal returned with comments - Variable Frequency Drives
PROC-8900	Submittal Revision - Variable Frequency Drives	10	20-May-24 21-May-24	05-Jun-24	Submittal Revision - Variable Frequency Drives
PROC-12900		10	05-Jun-24	05-Jun-24	Revised Submittal submitted - Variable Frequency Drives
	Revised Submittal submitted - Variable Frequency Drives	1			
PROC-14700	Revised Submittal Reviewed - Variable Frequency Drives	21	07-Jun-24	27-Jun-24	Revised Submittal Reviewed - Variable Frequency Drives
PROC-17500	Approve Shop Drawings - Variable Frequency Drives	1	27-Jun-24	28-Jun-24	Approve Shop Drawings - Variable Frequency Drives
PROC-19300	Fab & Deliver Material - Variable Frequency Drives	70	28-Jun-24	08-Oct-24	Fab & Deliver Material - Variable Frequency Drives
_FSDs		128	05-Feb-24	05-Aug-24	
PROC-23970	Generate Shop Drawings - FSDs	60	05-Feb-24	29-Apr-24	Generate Shop Drawings - FSDs
PROC-23980	Review Drawings - FSDs	21	30-Apr-24	20-May-24	Review Drawings - FSDs
PROC-23990	Submittal returned with comments - FSDs	1	20-May-24	21-May-24	Submittal returned with comments - FSDs
PROC-24000	Submittal Revision - FSDs	5	21-May-24	29-May-24	Submittal Revision - FSDs
PROC-24010	Revised Submittal submitted - FSDs	1	29-May-24	30-May-24	Revised Submittal submitted - FSDs
PROC-24020	Revised Submittal Reviewed - FSDs	21	31 <b>-</b> May-24	20-Jun-24	Revised Submittal Reviewed - FSDs
PROC-24030	Approve Shop Drawings - FSDs	1	20-Jun-24	21-Jun-24	Approve Shop Drawings - FSDs
PROC-24040	Fab & Deliver Material- FSDs	30	21-Jun-24	05-Aug-24	Fab & Deliver Material- F\$Ds
PROC-24050	Release - FSDs	0		21-Jun-24	♦ Release - FSDs
GRDs		123	05-Feb-24	29-Jul-24	▼ GRDs
PROC-22890	Generate Shop Drawings - GRDs	60	05-Feb-24	29-Apr-24	Generate Shop Drawings - GRDs
PROC-22900	Review Drawings - GRDs	21	30-Apr-24	20-May-24	🔲 Review Drawings - GRDs
PROC-22910	Submittal returned with comments - GRDs	1	20-May-24	21-May-24	Submittal returned with comments - GRDs
PROC-22920	Submittal Revision - GRDs	5	21-May-24	29-May-24	Submittal Revision - GRDs
PROC-22930	Revised Submittal submitted - GRDs	1	29-May-24	30-May-24	Revised Submittal submitted - GRDs
PROC-22940	Revised Submittal Reviewed - GRDs	21	31-May-24	20-Jun-24	Revised Submittal Reviewed - GRDs
PROC-22950	Approve Shop Drawings - GRDs	1	20-Jun-24	21-Jun-24	Approve Shop Drawings - GRDs
PROC-22960	Fab & Deliver Material - GRDs	25	21-Jun-24	29-Jul-24	Fab & Deliver Material - GRDs
PROC-22970	Release - GRDs	0	21001124	21-Jun-24	♦ Release - GRDs
PRADs		133	05-Feb-24	12-Aug-24	V Relace - Gras
 PROC-400	Generate Shop Drawings - Pressure Relief Access Doors	60	05-Feb-24	29-Apr-24	Generate Shop Drawings - Pressure Relief Access Doors
PROC-400 PROC-3000	Review Drawings - Pressure Relief Access Doors	21	30-Apr-24	29-Api-24 20-May-24	Review Drawings - Pressure Relief Access Doors
PROC-5600	Submittal returned with comments - Pressure Relief Access Doors	۲ <u>۲</u>	•	-	Submittal returned with comments - Pressure Relief Access Doors
		1	20-May-24	21-May-24	Submittal Revision - Pressure Relief Access Doors
PROC-7900	Submittal Revision - Pressure Relief Access Doors	10	21-May-24	05-Jun-24	
PROC-11900	Revised Submitted - Pressure Relief Access Doors	1	05-Jun-24	06-Jun-24	Revised Submitted - Pressure Relief Access Doors
PROC-13700	Revised Submittal Reviewed - Pressure Relief Access Doors	21	07-Jun-24	27-Jun-24	Revised Submittal Reviewed - Pressure Relief Access Doors
PROC-16500	Approve Shop Drawings - Pressure Relief Access Doors	1	27-Jun-24	28-Jun-24	Approve Shop Drawings - Pressure Relief Access Doors
PROC-18300	Fab & Deliver Material - Pressure Relief Access Doors	30	28-Jun-24	12-Aug-24	Fab & Deliver Material - Pressure Relief Access Doors
METAL DUCTS		73	05-Feb-24	16-May-24	▼ METAL DUCTS
Remaining Level of	-			Page	15 of 34 Data Date: 28-Nov-23 Print Date: 05-Jan-24 Time: 13:07 Filter: TASK filter: In Progress Not Start.

ty ID	Activity Name	Original	<u> </u>							
		Duration	Start	Finish	2024 Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep		2026			
PROC-22800	Generate Shop Drawings - Metal Duct	15	05-Feb-24	26-Feb-24	Generate Shop Drawings - Metal Duct					
PROC-22810	Review Drawings - Metal Duct	21	27-Feb-24	18-Mar-24	Review Drawings - Metal Duct		1			
PROC-22820	Submittal returned with comments - Metal Duct	1	18-Mar-24	19-Mar-24	Submittal returned with comments - Metal Duct					
PROC-22830	Submittal Revision - Metal Duct	5	19-Mar-24	26-Mar-24	Submittal Revision - Metal Duct					
PROC-22840	Revised Submittal submitted - Metal Duct	1	26-Mar-24	27-Mar-24	Revised Submittal submitted - Metal Duct					
PROC-22850	Revised Submittal Reviewed - Metal Duct	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed - Metal Duct					
PROC-22860	Approve Shop Drawings - Metal Duct	1	17-Apr-24	18-Apr-24	Approve Shop Drawings - Metal Duct					
PROC-22870	Fab & Deliver Material - Metal Duct	20	18-Apr-24	16-May-24	Fab & Deliver Material - Metal Duct	1 1 1	-			
PROC-22880	Release - Metal Duct	0		18-Apr-24	♦ Release - Metal Duct					
DUCT INSULATION		73	05-Feb-24	16-May-24		1				
PROC-23070	Generate Shop Drawings -Duct Insulation	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Duct Insulation		+-			
PROC-23080	Review Drawings -Duct Insulation	21	27-Feb-24	18-Mar-24	Review Drawings -Duct Insulation	1				
PROC-23090	Submittal returned with comments -Duct Insulation	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Duct Insulation					
PROC-23100	Submittal Revision -Duct Insulation	5	19-Mar-24	26-Mar-24	Submittal Revision -Duct Insulation	1 1 1				
PROC-23110	Revised Submittal submitted -Duct Insulation	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Duct Insulation					
PROC-23120	Revised Submittal Reviewed -Duct Insulation	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Duct Insulation					
PROC-23130	Approve Shop Drawings -Duct Insulation	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Duct Insulation					
PROC-23140	Fab & Deliver Material-Duct Insulation	20	18-Apr-24	16-May-24	Fab & Deliver Material-Duct Insulation					
PROC-23150	Release -Duct Insulation	0		18-Apr-24	♦ Release -Duct Insulation	· · · · ·				
HANGERS & SUPPORT		73	05-Feb-24	16-May-24	HANGERS & SUPPORTS FOR HVAC					
 PROC-23880	Generate Shop Drawings -Hangers & Supports - HVAC	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Hangers & Supports - HVAC	· · · · · · · · · · · · · · · · · · ·				
PROC-23890	Review Drawings -Hangers & Supports - HVAC	21	27-Feb-24	18-Mar-24	Review Drawings -Hangers & Supports - HVAC					
PROC-23900	Submittal returned with comments -Hangers & Supports - HVAC	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Hangers & Supports - HVAC					
PROC-23910	Submittal Revision -Hangers & Supports - HVAC	5	19-Mar-24	26-Mar-24	<ul> <li>Submittal Revision -Hangers &amp; Supports - HVAC</li> </ul>					
PROC-23920	Revised Submittal submitted -Hangers & Supports - HVAC	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Hangers & Supports - HVAC	J				
PROC-23930	Revised Submittal Reviewed -Hangers & Supports - HVAC	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed, Hangers & Supports - HVAC	· · · · · · · · · · · · · · · · · · ·				
PROC-23940	Approve Shop Drawings -Hangers & Supports - HVAC	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Hangers & Supports - HVAC		-			
PROC-23950	Fab & Deliver Material-Hangers & Supports - HVAC	20	18-Apr-24	16-May-24	Fab & Deliver Material-Hangers & Supports - HVAC					
PROC-23960	Release -Hangers & Supports - HVAC	0	107.0124	18-Apr-24	<ul> <li>Release -Hangers &amp; Supports - HVAC</li> </ul>					
AHUs		203	05-Feb-24	19-Nov-24						
	CUSTOM AIR-HANDLING UNITS	203	05-Feb-24	19-Nov-24	23,7343 - OUTDOOR, CUSTOM AIR-HANDLING UNITS	· · · · · · · · · · · · · · · · · · ·				
	Generate Shop Drawings - AHUs	60	05-Feb-24	29-Apr-24	Generate Shop Drawings -AHUs					
PROC-4100	Review Drawings - AHUs	21	30-Apr-24	29-Api-24 20-May-24	Review Drawings - AHUs					
PROC-6700	Submittal returned with comments - AHUs	21	20-May-24	20-May-24	Submittal returned with comments - AHUs					
PROC-9000	Submittal Revision - AHUs	10	20-May-24 21-May-24	21-May-24 05-Jun-24		J				
PROC-13000	Revised Submittal submitted - AHUs	10	05-Jun-24	05-Jun-24 06-Jun-24	Révised Submittal submitted - AHUs					
PROC-13000 PROC-14800	Revised Submittal Reviewed - AHUs	21	05-Jun-24 07-Jun-24	27-Jun-24	Revised Submittal Reviewed - AHUs					
PROC-17600		21	27-Jun-24	27-Jun-24 28-Jun-24		i				
PROC-17600 PROC-19400	Approve Shop Drawings - AHUs Fab & Deliver Material - AHUs	100	27-Jun-24 28-Jun-24	28-Jun-24 19-Nov-24	Approve Shop Drawings - AHUs Fab & Deliver Material,- AHUs					
		183	05-Feb-24	22-Oct-24	▼ 23.50 CENTRAL HEATING EQUIPMENT (BOILERS/HEAT EX					
ELECTRIC BOILER	ATING EQUIPMENT (BOILERS/HEAT EXCHANGERS)						. <b></b>			
PROC-25240	Generate Shop Drawings - Electric Boiler	183	05-Feb-24	22-Oct-24						
PROC-25240		60 21	05-Feb-24	29-Apr-24	Generate Shop Drawings Electric Boiler					
	Review Drawings - Electric Boiler Submittal returned with comments - Electric Boiler	L_7	30-Apr-24	20-May-24	Review Drawings - Electric Boiler	<i>i</i>				
PROC-25280	Submittal returned with comments - Electric Boller Submittal Revision - Electric Boller	T	20-May-24	21-May-24	Submittal returned with comments - Electric Boiler Submittal Revision - Electric Boiler					
PROC-25290		10	21-May-24	05-Jun-24	· · · · · · · · · · · · · · · · · · ·					
PROC-25300	Revised Submittal submitted - Electric Boiler	T OA	05-Jun-24	06-Jun-24	Revised Submittal submitted - Electric Boiler					
PROC-25310	Revised Submittal Reviewed - Electric Boiler	21	07-Jun-24	27-Jun-24	Revised Submittal Reviewed - Electric Boiler Approve Shop Drawings - Electric Boiler					
PROC-25260	Approve Shop Drawings - Electric Boiler	1	27-Jun-24	28-Jun-24	Approve Shop Drawings - Electric Boller					



ity ID	Activity Name	Original	Start	Finish	
		Duration	otar		2024
PROC-25270	Fab & Deliver Material - Electric Boiler	80	28-Jun-24	22-Oct-24	Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb
23.60 CENTRAL CO	OLING EQUIPMENT (WATER CHILLERS/COOLING TOWERS)	283	05-Feb-24	17-Mar-25	<b>V</b>
AIR COOLED CHILLER	`````````````````````````````````	283	05-Feb-24	17-Mar-25	
PROC-25160	Generate Shop Drawings - Air Cooled Chiller	60	05-Feb-24	29-Apr-24	Generate Shop Drawings - Air Cooled Chiller
PROC-25170	Review Drawings - Air Cooled Chiller	21	30-Apr-24	20-May-24	Review Drawings - Air Cooled Chiller
PROC-25200	Submittal returned with comments - Air Cooled Chiller	1	20-May-24	21-May-24	Submittal returned with comments - Air Cooled Chill
PROC-25210	Submittal Revision - Air Cooled Chiller	10	21-May-24	05-Jun-24	Submittal Revision + Air Cooled Chiller
PROC-25220	Revised Submittal submitted - Air Cooled Chiller	1	05-Jun-24	06-Jun-24	Revised Submittal submitted - Air Cooled Chiller
PROC-25230	Revised Submittal Reviewed - Air Cooled Chiller	21	07-Jun-24	27-Jun-24	Revised Submittal Reviewed - Air Cooled Ch
PROC-25180	Approve Shop Drawings - Air Cooled Chiller	1	27-Jun-24	28-Jun-24	Approve Shop Drawings - Air Cooled Chiller
PROC-25190	Fab & Deliver Material - Air Cooled Chiller	180	28-Jun-24	17-Mar-25	
26 ELECTRICAL		261	05-Feb-24	13-Feb-25	▼ 2
	OR ELECTRICAL COMPONENTS	73	05-Feb-24	16-May-24	▼ 26.09 CONTROLS FOR ELECTRICAL COMPONEN
MICROGRID POWER S		73	05-Feb-24	16-May-24	MICROGRID POWER SYSTEMS
PROC-23430	Generate Shop Drawings -Microgrid Power	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Microgrid Power
PROC-23440	Review Drawings - Microgrid Power	21	27-Feb-24	18-Mar-24	Review Drawings -Microgrid Power
PROC-23450	Submittal returned with comments -Microgrid Power	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Microgrid Power
PROC-23460	Submittal Revision -Microgrid Power	5	19-Mar-24	26-Mar-24	Submittal Revision -Microgrid Power
PROC-23470	Revised Submittal submitted -Microgrid Power	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Microgrid Power
PROC-23480	Revised Submittal Reviewed -Microgrid Power	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Microgrid Power
PROC-23490	Approve Shop Drawings -Microgrid Power	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Microgrid Power
PROC-23500	Fab & Deliver Material-Microgrid Power	20	18-Apr-24	16-May-24	Fab & Deliver Material-Microgrid Power
PROC-23510	Release -Microgrid Power	0	107 (p) 24	18-Apr-24	◆ Release -Microgrid Power
	FOR ELECTRICAL SYSTEMS	73	05-Feb-24	16-May-24	SEISMIC CONTROLS FOR ELECTRICAL SYSTEMS
PROC-23520	Generate Shop Drawings -Elec Seismic Controls	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Elec Seismic Controls
PROC-23530	Review Drawings -Elec Seismic Controls	21	27-Feb-24	18-Mar-24	Review Drawings'-Elec Seismic Controls
PROC-23540	Submittal returned with comments -Elec Seismic Controls	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Elec Seismic Controls
PROC-23550	Submittal Revision -Elec Seismic Controls	5	19-Mar-24	26-Mar-24	Submittal Revision -Elec Seismic Controls
PROC-23560	Revised Submittal submitted -Elec Seismic Controls	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Elec Seismic Controls
PROC-23570	Revised Submittal Reviewed -Elec Seismic Controls	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Elec Seismic Controls
PROC-23580	Approve Shop Drawings -Elec Seismic Controls	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Elec Seismic Controls
PROC-23590	Fab & Deliver Material-Elec Seismic Controls	20	18-Apr-24	16-May-24	Fab & Deliver Material-Elec Seismic Controls
PROC-23600	Release -Elec Seismic Controls	0		18-Apr-24	♦ Release -Elec Seismic Controls
	TAGE (TRANSFORMER/SWITCHGEAR/SUBSTATIONS)	238	05-Feb-24	13-Jan-25	▼ 26.10
PANELBOARDS		238	05-Feb-24	13-Jan-25	PANEL
PROC-800	Generate Shop Drawings - Panel Boards	200	05-Feb-24	04-Mar-24	Generate Shop Drawings - Panel Boards
PROC-3400	Review Drawings - Panel Boards	21	05-Mar-24	25-Mar-24	Review Drawings - Panel Boards
PROC-6000	Submittal returned with comments - Panel Boards	1	25-Mar-24	26-Mar-24	Submittal returned with comments - Panel Boards
PROC-8300	Submittal Revision - Panel Boards	10	26-Mar-24	09-Apr-24	Submittal Revision - Panel Boards
PROC-12300	Revised Submittal submitted - Panel Boards	1	09-Apr-24	10-Apr-24	Revised Submittal submitted - Panel Boards
PROC-14100	Revised Submittal Reviewed - Panel Boards	21	11-Apr-24	01-May-24	Revised Submittal Reviewed - Panel Boards
PROC-16900	Approve Shop Drawings - Panel Boards	1	01-May-24	02-May-24	Approve Shop Drawings - Panel Boards
PROC-18700	Fab & Deliver Material - Panel Boards	175	02-May-24	13-Jan-25	Fab &
MV TRANSFORMERS		118	05-Feb-24	22-Jul-24	WV TRANSFORMERS
PROC-500	Generate Shop Drawings - MV Transformers	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - MV Transformers
PROC-3100	Review Drawings - MV Transformers	21	05-Mar-24	25-Mar-24	Review Drawings - MV Transformers
PROC-5700	Submittal returned with comments - MV Transformers	1	25-Mar-24	26-Mar-24	Submittal returned with comments - MV Transformers
PROC-8000	Submittal Revision - MV Transformers	5	25-Mar-24 26-Mar-24	02-Apr-24	Submittal Revision - MV Transformers

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Mar			Oct Nov Dec	Jan Feb Mar	Apr ay
al - Ele	ctric Boiler	1	1		
	23.60 CENTRAL	COOLING EQUIF	MENT (WATER (	HILLERS/COOL	ING TO
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ivity ID	Activity Name	Original	truction Scl Start	Finish	2024
				ļ	Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb
PROC-12000	Revised Submittal submitted - MV Transformers	1	02-Apr-24	03-Apr-24	Revised Submittal submitted - MV Transformers
PROC-13800	Revised Submittal Reviewed - MV Transformers	21	04-Apr-24	24-Apr-24	Revised Submittal Reviewed - MV Transformers
PROC-16600	Approve Shop Drawings - MV Transformers	1	24-Apr-24	25-Apr-24	Approve Shop Drawings - MV Transformers
PROC-18400	Fab & Deliver Material - MV Transformers	60	25-Apr-24	22-Jul-24	Fab & Deliver Material - MV Transformer
	GE (SWITCHGEAR/PANELS/BUS/CONTROLLERS	228	05-Feb-24	27-Dec-24	26.20 LOV
SWITCHBOARDS		73	05-Feb-24	16-May-24	▼ SWITCHBOARDS
PROC-20910	Generate Shop Drawings -Switchboards	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Switchboards
PROC-20920	Review Drawings -Switchboards	21	27-Feb-24	18-Mar-24	Review Drawings Switchboards
PROC-20930	Submittal returned with comments -Switchboards	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Switchboards
PROC-20940	Submittal Revision -Switchboards	5	19-Mar-24	26-Mar-24	Submittal Revision -Switchboards
PROC-20950	Revised Submittal submitted -Switchboards	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Switchboards
PROC-20960	Revised Submittal Reviewed -Switchboards	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Switchboards
PROC-20970	Approve Shop Drawings -Switchboards	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Switchboards
PROC-20980	Fab & Deliver Material-Switchboards	20	18-Apr-24	16-May-24	Fab & Deliver Material-Switchboards
PROC-20990	Release -Switchboards	0		18-Apr-24	Release -Switchboards
ATS		228	05-Feb-24	27-Dec-24	ATS
PROC-900	Generate Shop Drawings - ATS	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - ATS
PROC-3500	Review Drawings - ATS	21	05-Mar-24	25-Mar-24	Review Drawing's - ATS
PROC-6100	Submittal returned with comments - ATS	1	25-Mar-24	26-Mar-24	Submittal returned with comments - ATS
PROC-8400	Submittal Revision - ATS	10	26-Mar-24	09-Apr-24	Submittal Revision - ATS
PROC-12400	Revised Submittal submitted - ATS	1	09-Apr-24	10-Apr-24	Revised Submittal submitted -ATS
PROC-14200	Revised Submittal Reviewed - ATS	21	11-Apr-24	01-May-24	Revised Submittal Reviewed - ATS
PROC-17000	Approve Shop Drawings - ATS	1	01-May-24	02-May-24	Approve Shop Drawings - ATS
PROC-18800	Fab & Deliver Material - ATS	165	02-May-24	27-Dec-24	Fab & Deliv
UPS		188	05-Feb-24	29-Oct-24	VUPS
PROC-1000	Generate Shop Drawings - UPS	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - UPS
PROC-3600 PROC-6200	Review Drawings - UPS Submittal returned with comments - UPS	21	05-Mar-24	25-Mar-24	Review Drawings - UPS
PRULADZUU	Submittal returned with comments - UPS			00 1404	
		1	25-Mar-24	26-Mar-24	Submittal returned with comments - UPS
PROC-8500	Submittal Revision - UPS	10	26-Mar-24	09-Apr-24	Submittal Revision - UPS
PROC-8500 PROC-12500	Submittal Revision - UPS       Revised Submittal submitted - UPS	10 1	26-Mar-24 09-Apr-24	09-Apr-24 10-Apr-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> </ul>
PROC-8500 PROC-12500 PROC-14300	Submittal Revision - UPS Revised Submittal submitted - UPS Revised Submittal Reviewed - UPS	10 1 21	26-Mar-24 09-Apr-24 11-Apr-24	09-Apr-24 10-Apr-24 01-May-24	<ul> <li>Submittal Revision - UPS</li> <li>I Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> </ul>
PROC-8500 PROC-12500 PROC-14300 PROC-17100	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS	10 1 21 1	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> </ul>
PROC-8500 PROC-12500 PROC-14300 PROC-17100 PROC-18900	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS	10 10 21 1 125	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>Fab &amp; Deliver Material</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS	Submittal Revision - UPS Revised Submittal submitted - UPS Revised Submittal Reviewed - UPS Approve Shop Drawings - UPS Fab & Deliver Material - UPS	10 10 21 1 125 148	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24 03-Sep-24	Submittal Revision - UPS Revised Submittal submitted - UPS Revised Submittal Reviewed - UPS Approve Shop Drawings - UPS Fab & Deliver Material UV: TRANSFORMERS
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100	Submittal Revision - UPS Revised Submittal submitted - UPS Revised Submittal Reviewed - UPS Approve Shop Drawings - UPS Fab & Deliver Material - UPS Generate Shop Drawings - LV Transformers	10 10 21 1 125 125 148 20	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24 03-Sep-24 04-Mar-24	Submittal Revision - UPS     Revised Submittal submitted - UPS     Revised Submittal Reviewed - UPS     Approve Shop Drawings - UPS     Fab & Deliver Material     LV: TRANSFORMERS     Generate Shop Drawings - LV Transformers
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers	10 10 21 1 125 125 148 20 21	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24	Submittal Revision - UPS  Revised Submittal submitted - UPS  Revised Submittal Reviewed - UPS  Approve Shop Drawings - UPS  LV TRANSFORMERS  Generate Shop Drawings - LV Transformers  Review Drawings - LV Transformers
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700           PROC-6300	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal returned with comments - LV Transformers	10 10 1 21 125 125 148 20 21 21 1	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24	Submittal Revision - UPS Revised Submittal submitted - UPS Revised Submittal Reviewed - UPS Approve Shop Drawings - UPS Fab & Deliver Material LV TRANSFORMERS Generate Shop Drawings - LV Transformers Review Drawings - LV Transformers Submittal returned with comments - LV Transformers
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700           PROC-6300           PROC-8600	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal returned with comments - LV Transformers         Submittal Revision - LV Transformers	10 10 11 21 125 125 148 20 20 21 21 1 10	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24 26-Mar-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>Fab &amp; Deliver Material</li> <li>LV: TRANSFORMERS</li> <li>Generate Shop Drawings - LV Transformers</li> <li>Review Drawings - LV Transformers</li> <li>Submittal returned with comments - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700           PROC-6300           PROC-8600           PROC-12600	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal returned with comments - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal submitted - LV Transformers	10 10 21 125 125 148 20 21 21 1 10 10	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24	09-Apr-24 10-Apr-24 02-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 10-Apr-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>Fab &amp; Deliver Material</li> <li>LV: TRANSFORMERS</li> <li>Generate Shop Drawings - LV Transformers</li> <li>Review Drawings - LV Transformers</li> <li>Submittal returned with comments - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> <li>Revised Submittal Revision - LV Transformers</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-3700           PROC-6300           PROC-8600           PROC-12600           PROC-144400	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal Revision - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal Revision - LV Transformers         Revised Submittal Reviewed - LV Transformers         Revised Submittal Reviewed - LV Transformers         Revised Submittal Reviewed - LV Transformers	10 10 121 125 125 148 20 21 21 10 10 10 11 21	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 11-Apr-24	09-Apr-24 10-Apr-24 01-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 10-Apr-24 01-May-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>Fab &amp; Deliver Material</li> <li>LV TRANSFORMERS</li> <li>Generate Shop Drawings - LV Transformers</li> <li>Review Drawings - LV Transformers</li> <li>Submittal returned with comments - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> <li>Revised Submittal Revision - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700           PROC-6300           PROC-12600           PROC-14400           PROC-17200	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal returned with comments - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal submitted - LV Transformers         Revised Submittal Reviewed - LV Transformers         Revised Submittal Reviewed - LV Transformers         Approve Shop Drawings - LV Transformers	10 10 11 21 125 125 148 20 21 21 10 10 10 11 21 21	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 11-Apr-24 01-May-24	09-Apr-24 10-Apr-24 01-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 10-Apr-24 01-May-24 02-May-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>Fab &amp; Deliver Material</li> <li>LV: TRANSFORMERS</li> <li>Generate Shop Drawings - LV Transformers</li> <li>Review Drawings - LV Transformers</li> <li>Submittal returned with comments - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> <li>Revised Submittal submitted - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Approve Shop Drawings - LV Transformers</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700           PROC-6300           PROC-12600           PROC-14400           PROC-17200           PROC-19000	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal Revision - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal Revision - LV Transformers         Revised Submittal Reviewed - LV Transformers         Revised Submittal Reviewed - LV Transformers         Revised Submittal Reviewed - LV Transformers	10 10 21 21 125 148 20 20 21 21 10 10 10 11 21 21 11 21 10 11 10 10 11 10 10 11 10 10 11 10 10	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 11-Apr-24 01-May-24	09-Apr-24 10-Apr-24 02-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 10-Apr-24 01-May-24 02-May-24 03-Sep-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>Fab &amp; Deliver Material</li> <li>LV TRANSFORMERS</li> <li>Generate Shop Drawings - LV Transformers</li> <li>Review Drawings - LV Transformers</li> <li>Submittal returned with comments - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> <li>Revised Submittal submitted - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Approve Shop Drawings - LV Transformers</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700           PROC-6300           PROC-12600           PROC-14400           PROC-17200           PROC-19000           26.50 LIGHTING	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal Revision - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal submitted - LV Transformers         Revised Submittal Reviewed - LV Transformers         Fab & Deliver Material - LV Transformers         Fab & Deliver Material - LV Transformers	10       10       10       11       121       125       148       20       21       20       21       10       11       10       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       12       13       14       14       15       16       17       18       19       11       11       12       13       14       15       16       17       18       19       10       10       11       11       12       13       14       14       15       16       16       17       18       19       10       10   <	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 01-Apr-24 01-May-24 02-May-24	09-Apr-24 10-Apr-24 01-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 10-Apr-24 01-May-24 02-May-24 03-Sep-24 27-Dec-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>LV TRANSFORMERS</li> <li>Generate Shop Drawings - LV Transformers</li> <li>Review Drawings - LV Transformers</li> <li>Submittal returned with comments - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Approve Shop Drawings - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Approve Shop Drawings - LV Transformers</li> <li>Approve Shop Drawings - LV Transformers</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-1100           PROC-3700           PROC-6300           PROC-12600           PROC-14400           PROC-17200           PROC-19000           26.50 LIGHTING           HANGERS & SUPPO	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal returned with comments - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal submitted - LV Transformers         Revised Submittal Reviewed - LV Transformers	10       10       11       121       125       148       20       148       20       141       10       11       10       11       11       11       11       11       11       11       11       11       11       11       11       11       12       13       14       14       15       16       17       18       17       18       19       11       10       11       11       12       13       14       15       16       17       18       19       10       10       11       10       11       10       11       11       10       11       11       12       13       14       14       15       16	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 01-May-24 01-May-24 02-May-24 05-Feb-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 10-Apr-24 01-May-24 03-Sep-24 27-Dec-24 16-May-24	Submittal Revision - UPS     Revised Submittal submitted - UPS     Revised Submittal Reviewed - UPS     Approve Shop Drawings - UPS     Fab & Deliver Material     UV: TRANSFORMERS     Generate Shop Drawings - LV Transformers     Review Drawings - LV Transformers     Submittal returned with comments - LV Transformers     Submittal Revision - LV Transformers     Revised Submittal submitted - LV Transformers     Revised Submittal Reviewed - LV Transformers     Revised Submittal Reviewed - LV Transformers     Approve Shop Drawings - 'LV Transformers     Revised Submittal Reviewed - LV Transformers     Approve Shop Drawings - 'LV Transformers
PROC-8500           PROC-12500           PROC-14300           PROC-17100           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-3700           PROC-6300           PROC-12600           PROC-14400           PROC-17200           PROC-19000           26.50 LIGHTING           HANGERS & SUPPO           PROC-23700	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal Revision - LV Transformers         Submittal Revision - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal submitted - LV Transformers         Revised Submittal Reviewed - LV Transformers         Fab & Deliver Material - LV Transformers         Fab & Deliver Material - LV Transformers         Fab & Deliver Material - LV Transformers         Generate Shop Drawings - Electrical Hangers & Supports	10       10       11       11       125       148       20       148       20       148       20       11       20       141       10       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       12       13       14       14       15	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 26-Mar-24 26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24	09-Apr-24 10-Apr-24 01-May-24 02-May-24 29-Oct-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 10-Apr-24 01-May-24 02-May-24 03-Sep-24 27-Dec-24 16-May-24 26-Feb-24	<ul> <li>Submittal Revision - UPS</li> <li>Revised Submittal submitted - UPS</li> <li>Revised Submittal Reviewed - UPS</li> <li>Approve Shop Drawings - UPS</li> <li>Fab &amp; Deliver Material</li> <li>LV TRANSFORMERS</li> <li>Generate Shop Drawings - LV Transformers</li> <li>Review Drawings - LV Transformers</li> <li>Submittal returned with comments - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> <li>Submittal Revision - LV Transformers</li> <li>Revised Submittal submitted - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Revised Submittal Reviewed - LV Transformers</li> <li>Approve Shop Drawings - LV Transformers</li> <li>Approve Shop Drawings - LV Transformers</li> <li>Approve Shop Drawings - Submittal Reviewed - LV Transformers</li> <li>HANGERS &amp; SUPPORTS FOR ELECTRICAL SYSTE</li> <li>Generate Shop Drawings - Electrical Hangers &amp; Supports</li> </ul>
PROC-8500           PROC-12500           PROC-14300           PROC-14300           PROC-17100           PROC-18900           LV TRANSFORMERS           PROC-3700           PROC-6300           PROC-12600           PROC-14400           PROC-17200           PROC-19000           26.50 LIGHTING           HANGERS & SUPPO           PROC-23700           PROC-23710	Submittal Revision - UPS         Revised Submittal submitted - UPS         Revised Submittal Reviewed - UPS         Approve Shop Drawings - UPS         Fab & Deliver Material - UPS         Generate Shop Drawings - LV Transformers         Review Drawings - LV Transformers         Submittal Revision - LV Transformers         Submittal Revision - LV Transformers         Submittal Revision - LV Transformers         Revised Submittal submitted - LV Transformers         Revised Submittal Reviewed - LV Transformers         Approve Shop Drawings - LV Transformers         Fab & Deliver Material - LV Transformers         Fab & Deliver Material - LV Transformers         Review Drawings -Electrical Hangers & Supports         Review Drawings -Electrical Hangers & Supports	10       10       11       11       125       148       20       148       20       148       20       148       20       148       20       141       10       11       10       11       11       125       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141       141	26-Mar-24 09-Apr-24 11-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 05-Mar-24 26-Mar-24 26-Mar-24 26-Mar-24 09-Apr-24 01-May-24 02-May-24 05-Feb-24 05-Feb-24 27-Feb-24	09-Apr-24 10-Apr-24 01-May-24 29-Oct-24 03-Sep-24 04-Mar-24 25-Mar-24 26-Mar-24 09-Apr-24 01-May-24 02-May-24 03-Sep-24 27-Dec-24 16-May-24 26-Feb-24 18-Mar-24	Submittal Revision - UPS     Revised Submittal submitted - UPS     Revised Submittal Reviewed - UPS     Approve Shop Drawings - UPS     Fab & Deliver Material     LV TRANSFORMERS     Generate Shop Drawings - LV Transformers     Review Drawings - LV Transformers     Submittal returned with comments - LV Transformers     Submittal Revision - LV Transformers     Submittal Revision - LV Transformers     Revised Submittal submitted - LV Transformers     Revised Submittal Reviewed - LV Transformers     Approve Shop Drawings - LV Transformers     Review Drawings - Electrical Hangers & Supports     Review Drawings - Electrical Hangers & Supports
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PROC-23740	Revised Submittal submitted -Electrical Hangers & Supports	1	26-Mar-24	27-Mar-24	I Revised Submittal submitted -Electrical Hangers & Supports
PROC-23750	Revised Submittal Reviewed -Electrical Hangers & Supports	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Electrical Hangers & Supports
PROC-23760	Approve Shop Drawings -Electrical Hangers & Supports	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Electrical Hangers & Supports
PROC-23770	Fab & Deliver Material-Electrical Hangers & Supports	20	18-Apr-24	16-May-24	Fab & Deliver Material-Electrical Hangers & Supports
PROC-23780	Release -Electrical Hangers & Supports	0		18-Apr-24	Release -Electrical Hangers & Supports
LED EXTERIOR LIG	GHTING SUPPORTS & SEISMIC	73	05-Feb-24	16-May-24	▼ LED EXTERIOR LIGHTING SUPPORTS & SEISMIC
PROC-23160	Generate Shop Drawings -Ext. Light Seismic	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Ext. Light Seismic
PROC-23170	Review Drawings -Ext. Light Seismic	21	27-Feb-24	18-Mar-24	Review Drawings - Ext. Light Seismic
PROC-23180	Submittal returned with comments -Ext. Light Seismic	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Ext. Light Seismic
PROC-23190	Submittal Revision -Ext. Light Seismic	5	19-Mar-24	26-Mar-24	Submittal Revision -Ext. Light Seismic
PROC-23200	Revised Submittal submitted -Ext. Light Seismic	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Ext. Light Seismic
PROC-23210	Revised Submittal Reviewed -Ext. Light Seismic	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Ext. Light Seismic
PROC-23220	Approve Shop Drawings -Ext. Light Seismic	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Ext. Light Seismic
PROC-23230	Fab & Deliver Material-Ext. Light Seismic	20	18-Apr-24	16-May-24	Fab & Deliver Material-Ext. Light Seismic
PROC-23240	Release -Ext. Light Seismic	0		18-Apr-24	♦ Release -Ext. Light Seismic
EMERGENCY & EX	IT LIGHTING SUPPORTS & SEISMIC	73	05-Feb-24	16-May-24	EMERGENCY & EXIT LIGHTING SUPPORTS & SEISMIC
PROC-23250	Generate Shop Drawings -Emergency Light Seismic	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Emergency Light Seismic
PROC-23260	Review Drawings -Emergency Light Seismic	21	27-Feb-24	18-Mar-24	Review Drawings,-Emergency Light Seismic
PROC-23270	Submittal returned with comments -Emergency Light Seismic	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Emergency Light Seismic
PROC-23280	Submittal Revision -Emergency Light Seismic	5	19-Mar-24	26-Mar-24	Submittal Revision -Emergency Light Seismic
PROC-23290	Revised Submittal submitted -Emergency Light Seismic	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Emergency Light Seismic
PROC-23300	Revised Submittal Reviewed -Emergency Light Seismic	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Emergency Light Seismic
PROC-23310	Approve Shop Drawings -Emergency Light Seismic	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Emergency Light Seismic
PROC-23320	Fab & Deliver Material-Emergency Light Seismic	20	18-Apr-24	16-May-24	Fab & Deliver Material-Emergency Light Seismic
PROC-23330	Release -Emergency Light Seismic	0		18-Apr-24	♦ Release -Emergency Light Seismic
LIGHTING CONTRO	DLS	118	05-Feb-24	22-Jul-24	▼ LIGHTING CONTROLS
PROC-1300	Generate Shop Drawings - Lighting Controls	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - Lighting Controls
PROC-3900	Review Drawings - Lighting Controls	21	05-Mar-24	25-Mar-24	Review Drawings - Lighting Controls
PROC-6500	Submittal returned with comments - Lighting Controls	1	25-Mar-24	26-Mar-24	Submittal returned with comments - Lighting Controls
PROC-8800	Submittal Revision - Lighting Controls	10	26-Mar-24	09-Apr-24	Submittal Revision - Lighting Controls
PROC-12800	Revised Submittal submitted - Lighting Controls	1	09-Apr-24	10-Apr-24	Revised Submittal submitted - Lighting Controls
PROC-14600	Revised Submittal Reviewed - Lighting Controls	21	11-Apr-24	01-May-24	Revised Submittal Reviewed - Lighting Controls
PROC-17400	Approve Shop Drawings - Lighting Controls	1	01-May-24	02-May-24	Approve Shop Drawings - Lighting Controls
PROC-19200	Fab & Deliver Material - Lighting Controls	55	02-May-24	22-Jul-24	Fab & Deliver Material - Lighting Controls
LED INTERIOR LIGH	HTING SUPPORTS & SEISMIC	73	05-Feb-24	16-May-24	▼ LED INTERIOR LIGHTING SUPPORTS & SEISMIC
PROC-23340	Generate Shop Drawings -Interior Light Seismic	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Interior Light Seismic
PROC-23350	Review Drawings -Interior Light Seismic	21	27-Feb-24	18-Mar-24	Review Drawings Interior Light Seismic
PROC-23360	Submittal returned with comments -Interior Light Seismic	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Interior Light Seismic
PROC-23370	Submittal Revision -Interior Light Seismic	5	19-Mar-24	26-Mar-24	Submittal Revision -Interior Light Seismic
PROC-23380	Revised Submittal submitted -Interior Light Seismic	1	26-Mar-24	27-Mar-24	Revised Submittal submitted -Interior Light Seismic
PROC-23390	Revised Submittal Reviewed -Interior Light Seismic	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed -Interior Light Seismic
PROC-23400	Approve Shop Drawings -Interior Light Seismic	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Interior Light Seismic
PROC-23410	Fab & Deliver Material-Interior Light Seismic	20	18-Apr-24	16-May-24	Fab & Deliver Material-Interior Light Seismic
PROC-23420	Release -Interior Light Seismic	0	· · ·	18-Apr-24	♦ Release -Interior Light Seismic
LIGHTING FIXTURE		228	05-Feb-24	27-Dec-24	
PROC-1200	Generate Shop Drawings - Lighting Package	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - Lighting Package
PROC-3800	Review Drawings - Lighting Package	21	05-Mar-24	25-Mar-24	Review Drawings - Lighting Package
PROC-6400	Submittal returned with comments - Lighting Package	1	25-Mar-24	26-Mar-24	I Submittal returned with comments - Lighting Package
Remaining Level Actual Level of I	-			Page 19 of	f 34 Data Date: 28-Nov-23 Print Date: 05-Jan-24 Time: 13:07 Filter: TASK filter: In Progress Not Start.

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ity ID	Activity Name	Original Duration	Start	Finish	2024   Dec   Jan   Feb   Mar   Apr   May   Jun   Jul   Aug   Sep   Oct   Nov   Dec   Jan   Fe
PROC-8700	Submittal Revision - Lighting Package	10	26-Mar-24	09-Apr-24	Submittal Revision - Lighting Package
PROC-12700	Revised Submittal submitted - Lighting Package	1	09-Apr-24	10-Apr-24	Revised Submittal submitted - Lighting Package
PROC-14500	Revised Submittal Reviewed - Lighting Package	21	11-Apr-24	01-May-24	Revised Submittal Reviewed - Lighting Package
PROC-17300	Approve Shop Drawings - Lighting Package	1	01-May-24	02-May-24	Approve Shop Drawings - Lighting Package
PROC-19100	Fab & Deliver Material - Lighting Package	165	02-May-24	27-Dec-24	Fab & [
DISTRIBUTION PAN	IELS - DP-RP1A & DP-SB1A	261	05-Feb-24	13-Feb-25	
PROC-700	Generate Shop Drawings - Distribution Boards	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - Distribution Boards
PROC-3300	Review Drawings - Distribution Boards	21	05-Mar-24	25-Mar-24	Review Drawings - Distribution Boards
PROC-5900	Submittal returned with comments - Distribution Boards	1	25-Mar-24	26-Mar-24	Submittal returned with comments - Distribution Boards
PROC-18600	Fab & Deliver Material - Distribution Boards	225	26-Mar-24	13-Feb-25	
PROC-8200	Submittal Revision - Distribution Boards	10	26-Mar-24	09-Apr-24	Submittal Revision - Distribution Boards
PROC-12200	Revised Submittal submitted - Distribution Boards	1	09-Apr-24	10-Apr-24	Revised Submittal submitted - Distribution Boards
PROC-14000	Revised Submittal Reviewed - Distribution Boards	21	11-Apr-24	01-May-24	Revised Submittal Reviewed - Distribution Boards
PROC-16800	Approve Shop Drawings - Distribution Boards	1	01-May-24	02-May-24	Approve Shop Drawings - Distribution Boards
SWITCHGEAR - MS	B, BUSDUCT, TERM. CABINET	163	05-Feb-24	24-Sep-24	SWITCHGEAR - MSB, B
PROC-600	Generate Shop Drawings - Switchgear	20	05-Feb-24	04-Mar-24	Generate Shop Drawings - Switchgear
PROC-3200	Review Drawings - Switchgear	21	05-Mar-24	25-Mar-24	Review Drawings - Switchgear
PROC-5800	Submittal returned with comments - Switchgear	1	25-Mar-24	26-Mar-24	Submittal returned with comments - Switchgear
PROC-8100	Submittal Revision - Switchgear	10	26-Mar-24	09-Apr-24	Submittal Revision - Switchgear
PROC-12100	Revised Submittal submitted - Switchgear	1	09-Apr-24	10-Apr-24	Revised Submittal submitted - Switchgear
PROC-13900	Revised Submittal Reviewed - Switchgear	21	11-Apr-24	01-May-24	Revised Submittal Reviewed - Switchgear
PROC-16700	Approve Shop Drawings - Switchgear	1	01-May-24	02-May-24	Approve Shop Drawings - Switchgear
PROC-18500	Fab & Deliver Material - Switchgear	100	02-May-24	24-Sep-24	Fab & Deliver Material - S
	DETECTION SYSTEM	73	05-Feb-24	16-May-24	▼ FIRE ALARM AND DETECTION SYSTEM
PROC-24420	Generate Shop Drawings -Fire Alarm	15	05-Feb-24	26-Feb-24	Generate Shop Drawings -Fire Alarm
PROC-24430	Review Drawings -Fire Alarm	21	27-Feb-24	18-Mar-24	Review Drawings'- Fire Alarm
PROC-24440	Submittal returned with comments -Fire Alarm	1	18-Mar-24	19-Mar-24	Submittal returned with comments -Fire Alarm
PROC-24450	Submittal Revision -Fire Alarm	5	19-Mar-24	26-Mar-24	Submittal Revision -Fire Alarm
PROC-24450	Revised Submittal submitted -Fire Alarm	1	26-Mar-24	20-Mar-24 27-Mar-24	Revised Submittal submitted -Fire Alarm
PROC-24470	Revised Submittal Reviewed -Fire Alarm	21	28-Mar-24	17-Apr-24	Revised Submittal Reviewed Fire Alarm
PROC-24480	Approve Shop Drawings -Fire Alarm	1	17-Apr-24	18-Apr-24	Approve Shop Drawings -Fire Alarm
PROC-24490	Fab & Deliver Material-Fire Alarm	20	18-Apr-24	16-May-24	Fab & Deliver Material-Fire Alarm
PROC-24500	Release -Fire Alarm	0	10-401-24	18-Apr-24	◆ Release -Fire Alarm
ERRCS		73	14-Feb-24	28-May-24	
	Concerts then Depuises EDDCC				
PROC-24510	Generate Shop Drawings -ERRCS	15	14-Feb-24	06-Mar-24	Generate Shop Drawings -ERRCS
PROC-24520	Review Drawings -ERRCS	21	07-Mar-24	27-Mar-24	Review Drawings -ERRCS
PROC-24530	Submittal returned with comments -ERRCS	1	27-Mar-24	28-Mar-24	Submittal returned with comments -ERRCS
PROC-24540	Submittal Revision -ERRCS	5	28-Mar-24	04-Apr-24	
PROC-24550	Revised Submitted submitted -ERRCS	1	04-Apr-24	05-Apr-24	Revised Submittal submitted -ERRCS
PROC-24560	Revised Submittal Reviewed -ERRCS	21	06-Apr-24	26-Apr-24	Revised Submittal Reviewed -ERRCS
PROC-24570	Approve Shop Drawings -ERRCS	1	26-Apr-24	29-Apr-24	Approve Shop Drawings -ERRCS
PROC-24580	Fab & Deliver Material-ERRCS	20	29-Apr-24	28-May-24	Fab & Deliver Material-ERRCS
PROC-24590	Release -ERRCS	0	00.14	29-Apr-24	♦ Release -ERRCS
County Of San Ma	ateo SSF Wellness Center - Preconstruction & Cons	692	23-May-23 A	12-Mar-26	
PRECONSTRUCTION	N	229	31-Aug-23 A	12-Aug-24	
KEY DECISIONS		68	16-Oct-23 A	05-Feb-24	KEY DECISIONS
A1564	Peer Review	10	16-Oct-23 A	05-Feb-24	Peer Review, Peer Review

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ty Total Project Budget Review #2.6 Test Pile Release GMP Funding- CoSM Approval	0 1 0 0	26-Oct-23 A 28-Nov-23	28-Nov-23	
#2.6 Test Pile Release GMP Funding- CoSM Approval	0 1 0 93	28-Nov-23		
GMP Funding- CoSM Approval	0 93			County Total Project Budget Review, County Total Project Budget Review
	0 93		28-Nov-23	NTP #2.6 Test Pile Release
#3 Funding for BP 1 and 2 - release trade Partners	93		01-Feb-24	Full GMP Funding- CoSM Approval
	93	05-Feb-24	01-Feb-24	NTP #3 Funding for BP 1 and 2 - release Trade Partners      BUDGET DEVELOPMENT
	00	12-Sep-23 A		
	93	12-Sep-23 A	01-Feb-24	▼ FGMP
evelop Draft Construction Cost and Schedule for GMP	28	12-Sep-23 A	12-Dec-23	XL Develop Draft Construction Cost and Schedule for GMP, XL Develop Draft Construction Cost and Schedule for GMP
t Trade Partner Re-Bid	40	12-Oct-23 A	01-Dec-23	Select Trade Partner Re-Bid, Select Trade Partner Re-Bid
nit DRAFT GMP -	1	13-Dec-23	13-Dec-23	Submit DRAFT GMP -
ty Review with Feedback	15	13-Dec-23	10-Jan-24	County Review with Feedback
Presentation to County	1	13-Dec-23	13-Dec-23	I GMP Presentation to County
	5			GMP Finalization
	0			I Prepare for CoSM Board and approval of GMP
Documents Incorporated into Board Package	10			Final Documents Incorporated into Board Package
	229	31-Aug-23 A	12-Aug-24	☐
IGN	129	06-Feb-24	12-Aug-24	CODE VALIDATION & DESIGN
n Updates (post VE, Post Peer)	15	06-Feb-24	28-Feb-24	Design Updates (post VE, Post Peer)
te Design Dwgs for Permit Amendment-TI L02, L03 and Tax collector	107	11-Mar-24	12-Aug-24	Update Design Dwgs for Permit Amendment-TI L02, L03 and Tax collector revisions to L01
	114	27-Nov-23 A	16-May-24	TI DESIGN
ty Review & Approval Schematic Design Documents	10	27-Nov-23 A	08-Dec-23	County Review & Approval Schematic Design Documents, County Review & Approval Schematic Design Documents
n Development	60	11-Dec-23	14-Mar-24	Design Development
truction Documents	45	15-Mar-24	16-May-24	Construction Documents
	56	18-Dec-23	15-Mar-24	
w & Update CLT/MT Details	11	18-Dec-23	09-Jan-24	Review & Update CLT/MT Details
•	40			Update Design Dwgs for Permit Amendment
	5	11-Mar-24	15-Mar-24	County Review and Approve Design Docs- Timber Design
	133			▼ PUBLICART
c Art Documents Production				Public Art Documents Production, Public Art Documents Production
	1	-		Public Art Documents Issuance for Review
	5			XL Prepare Budget
	5			CoSM Budget Review
	15			Update Design Dwgs for Permit Amendment
	5			County Review and Approve Design Docs- Public Art
	83			
Vielvoff	00		04-001-24	♦ BIM Kickoff
	15		27 Eab 24	
	15	05-Feb-24		<ul> <li>Submit and Approve Submittals (General MEP)</li> <li>Coordination Complete - Building</li> </ul>
	0			
aination Complete - Site	12	29 Eab 21		
Deputation Underground	5			
	5			Model Population-Underground     Coordination- Underground
	о о			Sign off- Underground
	3			
•	5			Model Population-Risers
	5			Coordination- Risers
ott- rusers	3	20-Mar-24	22-Mar-24	Sign off- Risers
	Finalization re for CoSM Board and approval of GMP Documents Incorporated into Board Package GN n Updates (post VE, Post Peer) te Design Dwgs for Permit Amendment-TI L02, L03 and Tax collector ty Review & Approval Schematic Design Documents n Development	Finalization       5         re for CoSM Board and approval of GMP       0         Documents Incorporated into Board Package       10         Image: Comparison of Comparison	Finalization         5         11-Jan-24           re for CoSM Board and approval of GMP         0         19-Jan-24           Documents Incorporated into Board Package         10         19-Jan-24           229         31-Aug-23A         229         31-Aug-23A           GN         129         06-Feb-24         10           n Updates (post VE, Post Peer)         15         06-Feb-24         114           27-Nov-23A         107         11-Mar-24         214           27-Nov-23A         107         11-Mar-24         114           27-Nov-23A         10         27-Nov-23A         11-Dec-23           ruction Documents         40         11-Dec-23         11-Mar-24           31         11-Dec-23         11-Mar-24         114         27-Nov-23A           w & Update CLT/MT Details         11         18-Dec-23         11-Mar-24           31         31-Aug-23A         11-Mar-24         10-Jan-24           ty Review and Approve Design Docs- Timber Design         5         11-Mar-24           str Documents Production         60         31-Aug-23A           Art Documents Issuance for Review         1         08-Feb-24           ta doget Review         5         20-Feb-24	Finalization       5       11-Jan-24       18-Jan-24         re for CoSM Board and approval of GMP       0       19-Jan-24       19-Jan-24         Documents Incorporated Into Board Package       10       19-Jan-24       11-Feb-24         CRN       129       06-Feb-24       12-Aug-24         GN       114       27-Nov-23A       16-Feb-24       12-Aug-24         I Package       10       11-Mar-24       12-Aug-24       12-Aug-24         V Review & Approval Schematic Design Documents       10       11-Mar-24       12-Aug-24         V Review & Approval Schematic Design Documents       10       27-Nov-23A       08-Dec-23         n Development       60       11-Dec-23       114-Mar-24         ruction Documents       45       15-Mar-24       16-May-24         ve Verkew & Approval Schematic Design Docs- Timber Design       5       11-Mar-24       10-Mar-24         ve Verkew and Approve Design Docs- Timber Design       5       11-Mar-24       10-Mar-24         ve Verkew and Approve Design Docs- Timber Design       5       11-Mar-24       10-Mar-24         e Design Dwgs for Permit Amendment       10       8-Feb-24       08-Feb-24         ve Verkew and Approve Design Docs- Public Art       5       19-Mar-24       25-Mar-2

ID	Activity Name	ent & Const	Start	Finish	
		Duration	Otan	1 111311	2024         2025         2026           Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar         2025
L1 MOB		23	13-Mar-24	12-Apr-24	
DSN-2700	Model Population-L1 MOB	10	13-Mar-24	26-Mar-24	Model Population-L1 MOB
DSN-2900	Coordination- L1 MOB	10	27-Mar-24	09-Apr-24	Coordination+ L1 MOB
DSN-3300	Sign off- L1 MOB	3	10-Apr-24	12-Apr-24	Sign off- L1 MOB
L2		21	27-Mar-24	24-Apr-24	L2
DSN-3000	Model Population-L2	10	27-Mar-24	09-Apr-24	Model Population-L2
DSN-3400	Coordination- L2	8	10-Apr-24	19-Apr-24	Coordination- L2
DSN-3600	Sign off- L2	3	22-Apr-24	24-Apr-24	□ Sign off- L2
L3		23	10-Apr-24	10-May-24	<b>▼−−−▼</b> L3
DSN-3500	Model Population-L3	10	10-Apr-24	23-Apr-24	Model Population-L3
DSN-3700	Coordination- L3	10	24-Apr-24	07-May-24	Coordination- L3
DSN-4100	Sign off- L3	3	08-May-24	10-May-24	I Sign off- L3
ROOF EQUIPMENT		18	24-Apr-24	17-May-24	
DSN-3800	Model Population-Roof Equipment	5	24-Apr-24	30-Apr-24	Model Population-Roof Equipment
DSN-3900	Coordination- Roof Equipment	10	01-May-24	14-May-24	Coordination- Roof Equipment
DSN-4200	Sign off- Roof Equipment	3	15-May-24	17-May-24	Sign off- Roof Equipment
ELECTRICAL YARD	& SITE/PV	23	01-May-24	04-Jun-24	ELECTRICAL YARD & SITE/PV
DSN-4000	Model Population-Electrical Yard & Site/PV	10	01-May-24	14-May-24	Model Population-Electrical Yard & Site/PV
DSN-4300	Coordination- Electrical Yard & Site/PV	8	15-May-24	28-May-24	Coordination- Electrical Yard & Site/PV
DSN-4500	Sign off- Electrical Yard & Site/PV	5	29-May-24	04-Jun-24	Sign off- Electrical Yard & Site/PV
ERMITTING		144	28-Nov-23	01-Jul-24	PERMITTING
BUILDING PERM	T	144	28-Nov-23	01-Jul-24	BUILDING PERMIT
A1524	Response to Comments #2 and resubmit	15	28-Nov-23	18-Dec-23	Response to Comments #2 and resubmit
A1526	AHJ Review #3	5	19-Dec-23	02-Jan-24	AHJ Review #3
A1528	TI Permit Review & Approve	30	17-May-24	01-Jul-24	TI Permit Revièw & Approve
EMP TRAILER P		10	01-Feb-24	14-Feb-24	
A1414	Temp Office Trailers Permit (TENANT RELOCATION)	10	01-Feb-24	14-Feb-24	Temp Office Trailers Permit (TENANT RELOCATION)
REE REMOVAL		1	03-Jan-24	03-Jan-24	▼ TREE REMOVAL PERMIT
A1516	Tree Removal Permit	1	03-Jan-24	03-Jan-24	Tree Removal Permit
PUBLIC ART PER		30	26-Mar-24	06-May-24	
A416	Public Art Permit	30	26-Mar-24	06-May-24	
		57	07-Nov-23 A	13-Feb-24	
	PROCUREMENT				
BID PACKAGE #1	-	22	07-Nov-23 A	02-Jan-24	BID PACKAGE #1 -
	Laurel Dida Tarakar	14	27-Nov-23 A	15-Dec-23	
BID1-1500	Level Bids Timber	5	27-Nov-23 A	04-Dec-23	
BID1-1600	County Review & Approve Timber	5	05-Dec-23	11-Dec-23	County Review & Approve Timber
BID1-1700	Protest Period	3	12-Dec-23	14-Dec-23	Protest Period
BID1-1900 STEEL/BRB	Issue Subcontract Mass Timber	1	15-Dec-23 07-Nov-23 A	15-Dec-23 11-Dec-23	I Issue Subcontract Mass Timber ■■■ STEEL/BRB
A1546	Issue Contract award to Structural Steel Trade Partner	10	07-Nov-23 A 07-Nov-23 A	11-Dec-23 11-Dec-23	SIEEL/BRB Issue Contract award to Structural Steel Trade Partner, Issue Contract award to Structural Steel Trade Partner
CONCRETE		10	28-Nov-23 A	11-Dec-23	CONCRETE
BID1-1904	Level Bids Concrete	5	28-Nov-23	04-Dec-23	■ CONCRETE
BID1-1904 BID1-1906	County Review & Approve for Board Package and GMP Concrete	5	05-Dec-23	11-Dec-23	County Review & Approve for Board Package and GMP Concrete
BID1-1908	Protest Period concrete	3	12-Dec-23	14-Dec-23	Protest Period concrete
BID1-1908	Issue Subcontract concrete	1	12-Dec-23	14-Dec-23	I Issue Subcontract concrete
FACADE		20	09-Nov-23 A	02-Jan-24	
BID2-1308	Design Development Collaboration	20	09-Nov-23 A	02-Jan-24 02-Jan-24	Design Development Collaboration, Design Development Collaboration
5.02-1000		20	00-1 10V-20 A	02-0ai 1-24	



vity ID	Activity Name		Start	neaule Finish	
		Original Duration	Start	FILIST	2024     2025     2026       Dec     Jan     Feb     Mar     Apr     May     Jun     Jul     Aug     Sep     Oct     Nov     Dec     Jan     Feb     Mar     Apr     May     Sep     Oct     Jan     Feb     Mar     Apr     May     Jun     Jul     Aug     Sep     Oct     Jan     Feb     Mar     Apr     May     Jun     Jul     Aug     Sep     Oct     Jan     Feb     Mar
BID PACKAGE #2	2 - MEP	38	28-Nov-23 A	02-Feb-24	BID PACKAGE #2 - MEP
BID2-1800	Protest Period	4	28-Nov-23 A	01-Dec-23	Protest Period, Protest Period
BID2-1900	Issue Notice of Intent to Award to Successful Bidder BP#2	1	04-Dec-23	04-Dec-23	I Issue Notice of Intent to Award to Successful Bidder BP#2
BID2-2000	Issue Subcontract Bid package #2 MEP	1	02-Feb-24	02-Feb-24	I Issue Subcontract Bid package #2 MEP
BID PACKAGE #3	3 - TRADE BUYOUT OF EXISTING FGMP	10	31-Jan-24	13-Feb-24	BID PACKAGE #3 - TRADE BUYOUT OF EXISTING FGMP
BID3-1200	Issue Subcontracts Bid package 3 Balance of Trades	10	31-Jan-24	13-Feb-24	Issue Subcontracts Bid package 3 Balance of Trades
MAKE READY WC	RK	91	27-Oct-23 A	08-Mar-24	MAKE READY WORK
VOIP UPGRADE		34	30-Oct-23 A	22-Dec-23	
1050 MISSION		34	30-Oct-23 A	22-Dec-23	1050 MISSION
VOIP-1100	QoS 1050 Mission	0		07-Dec-23	QoS 1050 Mission, QoS 1050 Mission
VOIP-1100	Network Assessment 1050 Mission	0 3	30-Oct-23 A 08-Dec-23	12-Dec-23	Network Assessment 1050 Mission
VOIP-1200	Go Live 1050 Mission	S	13-Dec-23		
		0		22-Dec-23	
TEMP OCCUPAN		91	27-Oct-23 A	08-Mar-24	TEMP OCCUPANT TRAILERS
OCC-1000	Contract, Procure trades	20	27-Oct-23 A	30-Nov-23	Contract, Procure trades, Contract, Procure trades
OCC-1200	mobile modular fab and build out (off site in Livermore) (email 11/13)	35	15-Nov-23 A	24-Jan-24	mobile modular fab and build out (off site in Livermore) (email 11/13), mobile modular fab and build out (off site in Livermore) (email 11/13)
A1552	Utility infrastructure to Temp trailers, power, data, sewer, water prep	40	28-Nov-23	31-Jan-24	Utility infrastructure to Temp trailers, power, data, sewer, water prep
OCC-1302	Prep site for ADA compliance, concrete, asphalt, tree trimming, Deck	20	01-Dec-23	05-Jan-24	Prep site for ADA compliance, concrete, asphalt, tree trimming, Deck
OCC-1300	Trailers are Available	0	25-Jan-24	07 5-1-04	◆ Trailers are Available
OCC-1500	Deliver and Set trailers	10	25-Jan-24	07-Feb-24	Deliver and Set trailers
OCC-1400	Trailer final connections Water, , Sewer, power	5	01-Feb-24	07-Feb-24	Trailer final connections Water, , Sewer, power
OCC-1402	County fit up, IT	5	08-Feb-24	14-Feb-24	County fit up, IT
OCC-1600	Move Occupants out of Existing Building and into Temp Space includes fu	15 60	15-Feb-24 29-Nov-23	08-Mar-24 04-Mar-24	Move Occupants out of Existing Building and into Temp Space includes fumiture _ must finish by 02/26/24
TEST DDC					
A786	Test Program Submittals, DDC Design Package	20	29-Nov-23	03-Jan-24	Test Program Submittals, DDC Design Package
A788	Design Team Review (Smith Group/Engeo/Buehler	10	04-Jan-24	18-Jan-24	Design Team Review (Smith Group/Engeo/Buehler
A784	Mobilize DDC test Equipment	3	19-Jan-24	23-Jan-24	Mobilize DDC test Equipment
A778	Install DDC test arrays	0	24-Jan-24	24-Jan-24	I Install DDC test arrays
A780	Cure test DDC	/	24-Jan-24	01-Feb-24	
A782	Test and results	20	02-Feb-24	04-Mar-24	Test and results
PG&E		502	23-May-23 A	10-Jun-25	▼ PG&E
	ELECTRIC (APPLICANT DESIGN)	374	28-Nov-23	09-Jun-25	▼ NEW BUSINESS ELECTRIC (APPLICANT DESIGN)
PGE-1400	2nd Submittal Elec/1st Submittal JT Composite (Vizion)	10	28-Nov-23	11-Dec-23	2nd Submittal Elec/1st Submittal JT Composite (Vizion)
PGE-1500	2nd Review Elec Design + Approval/1st Review JT Comp Comments (PG&	20	12-Dec-23	17-Jan-24	2nd Review Elec Design + Approval/1st Review JT Comp Comments (PG&E)
PGE-1600	2nd Submittal JT Composite (Vizion)	5	18-Jan-24	24-Jan-24	2nd Submittal JT Composite (Vizion)
PGE-1700	2nd Review JT Composite + Approval (PG&E)	10	25-Jan-24	07-Feb-24	2nd Review JT Composite + Approval (PG&E)
PGE-1900	Pricing/Contracts Issued	60	08-Feb-24	03-May-24	Pricing/Contracts Issued
PGE-2200	Contract Payment	10	06-May-24	17-May-24	Contract Payment
PGE-2300	PGE Schedule Work	40	20-May-24	18-Jul-24	PGE Schedule Work
PGE-2400	PG&E Work Begins	80	19-Jul-24	11-Nov-24	PG&E Work Begins
PGE-2500	PG&E Construction Completion	5	12-Nov-24	18-Nov-24	PG&E Construction Completion
PGE-2600	Energize PG&E Meter	5	02-Jun-25	09-Jun-25	Energize PG&E Meter
	RIC AND GAS DEMO (PG & E D ESIG N)	198	23-May-23 A	18-Mar-24	▼ EXISTING ELECTRIC AND GAS DEMO (PG&E DE\$IGN)
PGE-1000	PG&E Work Begins (on hold)	40	23-May-23 A	21-Dec-23	PG&E Work Begins (on hold), PG&E Work Begins (on hold)
PGE-2000	PG&E Construction Completion Demo	5	12-Mar-24	18-Mar-24	PG&E Construction Completion Demo
TEMP POWER		483	20-Jun-23 A	10-Jun-25	TEMP POWER
PGE-1100	Over the counter permit (city) (includes prep time) (on hold)	30	20-Jun-23 A	03-Jan-24	Over the counter permit (city) (includes prep time) (on hold), Over the counter permit (city) (includes prep time) (on hold)
PGE-1300	Install Temp Power skid with meter (includes procurement time)	50	04-Jan-24	18-Mar-24	Install Temp Power skid with meter (includes procurement time)
Remaining Lev Actual Level of	-			Pag	e 23 of 34 Data Date: 28-Nov-23 Print Date: 05-Jan-24 Time: 13:07 Filter: TASK filter: In Progress Not Start.

	Procuremen				
tivity ID	Activity Name	Original Duration	Start	Finish	2024
PGE-1800	Cross tog for temperaty electrical mater (sity imposition)	2	19-Mar-24	20-Mar-24	Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Ma Green tag for temporary electrical meter (city inpsection)
PGE-1800	Green tag for temporary electrical meter (city inpsection) PG&E Energize Temp. Power	2 1	21-Mar-24	20-Mar-24 21-Mar-24	I PG&E Energize Temp. Power
PGE-2700	Remove temp power	1	09-Jun-25	2 1-iviai-24 10-Jun-25	
	Remove temp power	· · ·	09-5011-25 05-Feb-24	10-Jun-25	
CONSTRUCTION		460			
	DEMO / SITE PREP	101	05-Feb-24	28-Jun-24	MOBILIZATION / DEMO / SITE PREP
MOB-1000	Mobilize	1	05-Feb-24	05-Feb-24	l Mobilize
MOB-1200	Set up Temp Fencing Probation area and future court parking only	5	06-Feb-24	12-Feb-24	Set up Temp Fencing Probation area and future court parking only
MOB-1300	Install Tree Protection	3	06-Feb-24	08-Feb-24	I Install Tree Protection
MOB-1400	SWPPP Set Up	5	06-Feb-24	12-Feb-24	SWPPP Set Up
MOB-1500	Mobilize Trailers - XL	5	08-Feb-24	14-Feb-24	Mobilize Trailers - XL
MOB-1900	Establish Project survey control	3	13-Feb-24	15-Feb-24	Establish Project survey control
MOB-1100	Undergroud utility Survey (Off site)	3	14-Feb-24	20-Feb-24	Undergroud utility Survey (Off site)
MOB-1600	Sample soil for offhaul.	10	17-Apr-24	30-Apr-24	Sample soil for offhaul.
PARKING PREP		18	13-Feb-24	11-Mar-24	PARKING PREP
MOB-1700	Safe off Parking lights (powered from Courthouse)	2	13-Feb-24	14-Feb-24	Safe off Parking lights (powered from Courthouse)
MOB-1800	Fencing- Isolate planters	1	15-Feb-24	15-Feb-24	Fencing- Isolate planters
MOB-2000	Demo lights and signs	2	20-Feb-24	21-Feb-24	Demo lights and signs
MOB-2100	Demo concrete curbs	2	22-Feb-24	23-Feb-24	Demo concrete curbs
MOB-2200	Compact and patch asphalt	2	26-Feb-24	27-Feb-24	Compact and patch asphalt
MOB-2300	Stripe parking lot/crosswalk	1	01-Mar-24	01-Mar-24	Stripe parking lot/crosswalk
MOB-2400	Install wayfinding	1	04-Mar-24	04-Mar-24	I Install wayfinding
MOB-2500	Temp fencing full site	5	05-Mar-24	11-Mar-24	<ul> <li>Temp fencing full site</li> </ul>
DEMO PROBATIO		54	06-Feb-24	23-Apr-24	
DEMO-1200	Demo existing planter at construction driveway entrance- temp pave to ma	5	06-Feb-24	12-Feb-24	
		-			<ul> <li>Demo existing planter at construction driveway entrance- temp pave to r</li> <li>Demo existing parking lot curbs and infill with drivable surface</li> </ul>
DEMO-1400	Demo existing parking lot curbs and infill with drivable surface Decommission Existing systems VOIP	8	20-Feb-24	29-Feb-24	
DEMO-1000		1	11-Mar-24	11-Mar-24	I Decommission Existing systems VOIP
DEMO-1100	Remove refrigerant from HVAC units- get affidavit- recovery report	2	11-Mar-24	12-Mar-24	Remove refrigerarit from HVAC units- get affidavit- recovery report
DEMO-1300	Hazardous Material Abatement	13	12-Mar-24	28-Mar-24	Hazardous Material Abatement
DEMO-1500	Safe off existing Utilities. (XL)	3	29-Mar-24	02-Apr-24	Safe off existing Utilities. (XL)
DEMO-1600	Demo Probation Bldg.	10	03-Apr-24	16-Apr-24	Demo Probation Bldg.
DEMO-1700	Demo underground utitlies/footings	7	15-Apr-24	23-Apr-24	Demo underground utitlies/footings
DEMO-1800	Demo Asphalt at north building extent	3	17-Apr-24	19-Apr-24	Demo Asphalt at north building extent
SITE PREPARATI	ION	46	24-Apr-24	28-Jun-24	SITE PREPARATION
GRADING		5	24-Apr-24	30-Apr-24	🐨 GRADINĢ
SITE-1000	Grading Extent of building to 43' or higher dependent on existing grade	5	24-Apr-24	30-Apr-24	Grading Extent of building to 43' or higher dependent on
SOIL IMROVEMEN	Π	41	01-May-24	28-Jun-24	
DDC SOIL IMPRO	VEMENT	41	01-May-24	28-Jun-24	DDC SOIL IMPROVEMENT
SITE-1100	DDC soil improvement Deep areas	10	01-May-24	14-May-24	DDC soil improvement Deep areas
SITE-1200	DDC soil improvement Field	25	16-May-24	21-Jun-24	DDC soil improvement Field
SITE-1202	Survey as built DDC Deep	3	21-May-24	23-May-24	Survey as built DDC Deep
SITE-1300	Spoils off haul from DDC	3	24-Jun-24	26-Jun-24	Spoils off haul from DDC
SITE-1400	Cut prep compact pad to 43' plus existing leveled grade	3	24-Jun-24	26-Jun-24	Cut prep compact pad to 43' plus existing level
SITE-1204	Survey as built DDC field	5	24-Jun-24	28-Jun-24	Survey as built DDC field
CORE & SHELL		390	15-May-24	10-Dec-25	
SUBSTRUCTURE	ES	88	15-May-24	23-Sep-24	
	EEP FOUNDATIONS	26	15-May-24	21-Jun-24	
FNDN-1000	Mass Excavate Elevator and South footings	4	15-May-24	21-5011-24 20-May-24	Mass Excavate Elevator and South footings
	mass Envariato Elevator and Outin rootings	4	10-1viay-24	20-1viay=24	

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e Transfer Pad at Elevator and South Bottom of Deep footings tor Pit Rebar/south footing Rebar/inspect water proofing nish elevaor Pit slab/Footings/tie beams or Pit Walls bs rator pit walls lls r Pit Walls Footing areas Pit walls Pit walls Footing areas Pit walls P	Original Duration           2           3           2           3           2           1           2           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1           1	Start           28-May-24           30-May-24           04-Jun-24           06-Jun-24           10-Jun-24           11-Jun-24           11-Jun-24           13-Jun-24           14-Jun-24           13-Jun-24           14-Jun-24           13-Jun-24           14-Jun-24           23-Jun-24           23-Jun-24           23-Jul-24           23-Jul-24           01-Aug-24	Finish           29-May-24           03-Jun-24           05-Jun-24           07-Jun-24           10-Jun-24           11-Jun-24           13-Jun-24           14-Jun-24           17-Jun-24           18-Jun-24           20-Jun-24           05-Jun-24           16-Jun-24           17-Jun-24           17-Jun-24           18-Jun-24           07-Aug-24           07-Aug-24           07-Aug-24           05-Aug-24	2024       2025       2026         Dec       Jan       Feb       Mar       Apr       May       Jun       Jul       Jul       Jul       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar         I       Install       Load Transfer       Pad at Elevator and South       Image       Image       Image       Image       Image       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar         I       Install       Elevator       Pit       Rebar/south       footing       Image
Bottom of Deep footings tor Pit Rebar/south footing Rebar/inspect water proofing nish elevaor Pit slab/Footings/tie beams or Pit Walls bs ator pit walls Ils r Pit Walls Pit walls o footing areas	2 2 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	30-May-24 04-Jun-24 06-Jun-24 10-Jun-24 11-Jun-24 13-Jun-24 13-Jun-24 14-Jun-24 14-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24	03-Jun-24 05-Jun-24 07-Jun-24 10-Jun-24 12-Jun-24 13-Jun-24 14-Jun-24 14-Jun-24 18-Jun-24 20-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	Dec       Jan       Feb       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar       Apr       May       Jun       Jul       Aug       Sep       Oct       Nov       Dec       Jan       Feb       Mar         I       Install Elevator Pit Rebar/Inspect to the Rebar/Inspect water proofing       Inspect Pit Rebar/Inspect Nater       Form Elevator Pit Walls       Inspect Flevator Pit Walls       Inspect Elevator Pit Walls       Inspect Elevator pit walls       Inspect Elevator Pit Walls       Inspect Pit Walls
Bottom of Deep footings tor Pit Rebar/south footing Rebar/inspect water proofing nish elevaor Pit slab/Footings/tie beams or Pit Walls bs ator pit walls Ils r Pit Walls Pit walls o footing areas	3 2 2 1 1 2 1 1 1 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 2 1 1 1 5 5 33	30-May-24 04-Jun-24 06-Jun-24 10-Jun-24 11-Jun-24 13-Jun-24 13-Jun-24 14-Jun-24 14-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24	03-Jun-24 05-Jun-24 07-Jun-24 10-Jun-24 12-Jun-24 13-Jun-24 14-Jun-24 14-Jun-24 18-Jun-24 20-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	Install Load Transfer Pad at Elevator and South Waterproof Bottom of Deep footings Install Elevator Pit Rebar/south footing Inspect pit Rebar/inspect water proofing Place and finish elevaor Pit slab/Footings/tie beams Form Elevator Pit Walls Column Stubs Inspect Elevator pit walls Inspect Elevator pit walls Cure time Strip Exterior Pit Walls Backfill deep footing areas SUB SQG UTILITIES
tor Pit Rebar/south footing Rebar/inspect water proofing nish elevaor Pit slab/Footings/tie beams or Pit Walls bs rator pit walls lls r Pit Walls Pit walls o footing areas I Plumbing Electrical utilites within building perimeter	2 2 1 1 2 1 1 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	04-Jun-24 06-Jun-24 10-Jun-24 11-Jun-24 13-Jun-24 13-Jun-24 14-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24 23-Jul-24	05-Jun-24 07-Jun-24 10-Jun-24 12-Jun-24 11-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	Install Elevator Pit Rebar/south footing         Inspect pit Rebar/inspect water proofing         Place and finish elevaor Pit slab/Footings/tie beams         Form Elevator Pit Walls         Column Stubs         Inspect Elevator pit walls         Place pit walls         Cure time         Strip Exterior Pit Walls         Water proof Pit walls         Backfill deep footing areas
Rebar/inspect water proofing hish elevaor Pit slab/Footings/tie beams or Pit Walls bs rator pit walls Ils r Pit Walls Pit walls o footing areas I Plumbing Electrical utilites within building perimeter rate footings/ Anchor bolts area A install LTP	2 1 2 1 1 1 1 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 5 3 3 3	06-Jun-24 10-Jun-24 11-Jun-24 13-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24	07-Jun-24 10-Jun-24 12-Jun-24 11-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	Inspect pit Rebar/inspect water proofing     Place and finish elevaor Pit slab/Footings/tie beams     Form Elevator Pit Walls     Column Stubs     Inspect Elevator pit walls     Place pit walls     Cure time     Strip Exterior Pit Walls     Water proof Pit walls     Backfill deep footing areas     SUB SQG UTILITIES
nish elevaor Pit slab/Footings/tie beams or Pit Walls bs ator pit walls lls r Pit Walls Pit walls o footing areas I Plumbing Electrical utilites within building perimeter	1 2 1 1 1 1 1 1 2 1 1 2 1 1 1 2 1 1 1 2 5 3 3 3	10-Jun-24 11-Jun-24 13-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24	10-Jun-24 12-Jun-24 11-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	<ul> <li>I Place and finish elevaor Pit slab/Footings/tie beams</li> <li>I Form Elevator Pit Walls</li> <li>I Column Stubs</li> <li>I Inspect Elevator pit walls</li> <li>I Place pit walls</li> <li>I Cure time</li> <li>I Strip Exterior Pit Walls</li> <li>I Water proof Pit walls</li> <li>I Backfill deep footing areas</li> <li>SUB SQG UTILITIES</li> </ul>
or Pit Walls bs rator pit walls lls r Pit Walls Pit walls o footing areas I Plumbing Electrical utilites within building perimeter	1 1 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11-Jun-24         11-Jun-24         13-Jun-24         14-Jun-24         17-Jun-24         18-Jun-24         19-Jun-24         21-Jun-24         23-Jul-24	12-Jun-24 11-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	I       Form Elevator Pit Walls         I       Column Stubs         I       Inspect Elevator pit walls         I       Place pit walls         I       Cure time         I       Strip Exterior Pit Walls         I       Water proof Pit walls         I       Backfill deep footing areas         SUB SOG UTILITIES       Value
bs ator pit walls lls r Pit Walls Pit walls o footing areas I Plumbing Electrical utilites within building perimeter vate footings/ Anchor bolts area A install LTP	1 1 1 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24 23-Jul-24	11-Jun-24 13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	I       Column Stubs         I       Inspect Elevator pit walls         I       Place pit walls         I       Cure time         I       Strip Exterior Pit Walls         I       Water proof Pit walls         I       Backfill deep footing areas         I       SUB SOG UTILITIES
ator pit walls lls r Pit Walls Pit walls o footing areas I Plumbing Electrical utilites within building perimeter rate footings/ Anchor bolts area A install LTP	1 12 10 5 33	13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24 23-Jul-24	13-Jun-24 14-Jun-24 17-Jun-24 18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	Inspect Elevator pit walls         I Place pit walls         I Cure time         I Strip Exterior Pit Walls         I Water proof Pit walls         I Backfill deep footing areas         I SUB SOG UTILITIES
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r Pit Walls Pit walls o footing areas I Plumbing Electrical utilites within building perimeter	1 12 10 5 33	17-Jun-24 18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24 23-Jul-24	17-Jun-24 18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	Cure time     Strip Exterior Pit Walls     Water proof Pit walls     Backfill deep footing areas     SUB SOG UTILITIES
Pit walls p footing areas I Plumbing Electrical utilites within building perimeter vate footings/ Anchor bolts area A install LTP	1 12 10 5 33	18-Jun-24 19-Jun-24 21-Jun-24 23-Jul-24 23-Jul-24	18-Jun-24 20-Jun-24 21-Jun-24 07-Aug-24	I Strip Exterior Pit Walls I Water proof Pit walls I Backfill deep footing areas ▼ SUB SOG UTILITIES
Pit walls p footing areas I Plumbing Electrical utilites within building perimeter vate footings/ Anchor bolts area A install LTP	1 12 10 5 33	19-Jun-24 21-Jun-24 23-Jul-24 23-Jul-24	20-Jun-24 21-Jun-24 07-Aug-24	I       Water proof Pit walls         I       Backfill deep footing areas         I       SUB SOG UTILITIES
o footing areas I Plumbing Electrical utilites within building perimeter vate footings/ Anchor bolts area A install LTP	1 12 10 5 33	21-Jun-24 23-Jul-24 23-Jul-24	21-Jun-24 07-Aug-24	I Backfill deep footing areas ▼ SUB SOG UTILITIES
I Plumbing Electrical utilites within building perimeter vate footings/ Anchor bolts area A install LTP	10 5 33	23-Jul-24 23-Jul-24	07-Aug-24	SUB SÓG UTILITIES
Electrical utilites within building perimeter	10 5 33	23-Jul-24		
Electrical utilites within building perimeter	5 33			
Electrical utilites within building perimeter	33	01-Aug-24	00-Aug-24	Undergound Plumbing
rate footings/ Anchor bolts area A install LTP			07-Aug-24	Install deep Electrical utilities within building perimeter
		27-Jun-24	14-Aug-24	FOUNDATIONS
	26	27-Jun-24	05-Aug-24	FOUNDATIONS AREAA
	8	27-Jun-24	10-Jul-24	layout/excavate footings/ Anchor bolts area A install LTP
	8	08-Jul-24	17-Jul-24	Rebar Area A/Footings 5 per day
nn Bolt templates Area A	3	11-Jul-24	15-Jul-24	Install Coulmn Bolt templates Area A
ction Area A	1	18-Jul-24	18-Jul-24	I Rebar Inspection Area A
TB's Area A	2	19-Jul-24	22-Jul-24	Place GB's / TB's Area A
eanup footings	5	23-Jul-24	29-Jul-24	Strip and cleanup footings
p of footing	5	30-Jul-24	05-Aug-24	<ul> <li>Backfill to top of footing</li> </ul>
				FOUNDATIONS AREA B
vate/Anchor holts footings area B install   TP	7			<ul> <li>Iayout/ excavate/ Anchor bolts footings area B install LTP</li> </ul>
	7			<ul> <li>Rebar Footings Area B</li> </ul>
-	3			Install Coulmn Bolt templates Area B
	2			QC Bolts for Concrete placement
•	1			Rebar Inspection Area B
	ו ר			Place GB's/ TB's Area B
				Strip and cleanup footings
	-			Backfill to top of footing
	-	-		
Real/ Final Crade SOC area A hasamaa I TR	31			
	4	-	-	<ul> <li>Install Drain Rock/ Final Grade SOG area A becomes LTP</li> <li>Install Vapor Barrier Area A</li> </ul>
	4	_		<ul> <li>Install vapor Barrier Area A</li> <li>Thickened slab for stairs (QC)</li> </ul>
		-		I Inickened siab for stairs (QC) I Install Drain Rock/ Final Grade SOG area B becomes LTP
	4 E			
	C A	-		<ul> <li>Edge forms and shutoffs</li> <li>Place Rebar Area A</li> </ul>
	4	-		Install Vapor Barrier Area B
	4	-		Inspection area A
				Place Rebar area B
	4	-		
	1	-	-	Place and finish area A
	1	_		I Strip shutoff area A
		•		I Inspection Area B
ong equipment pads detail 9 S5.21	2	03-Sep-24	04-Sep-24	Dowels for long equipment pads detail 9 S5.21
Vang nr Color Taap R R R R R R R R R R R R R R R R R R	ate/ Anchor bolts footings area B install LTP gs Area B n Bolt templates Area B Concrete placement tion Area B TB's Area B anup footings o of footing Rock/ Final Grade SOG area A becomes LTP Barrier Area A ab for stairs (QC) Rock/ Final Grade SOG area B becomes LTP and shutoffs Area A Barrier Area B ea A area B ish area A area A	25ate/ Anchor bolts footings area B install LTP7gs Area B7n Bolt templates Area B3Concrete placement2ction Area B1TB's Area B2anup footings5of footing5anup footings5anup footing5anup footings5anup footing5anup footing5anup footing5and shutoffs5Area A4Barrier Area B4ea A2area A1ea B2ish area A1ea B2ing equipment pads detail 9 S5.212Actual WorkCritical Remaining Work	2511-Jul-24ate/ Anchor bolts footings area B install LTP711-Jul-24gs Area B718-Jul-24n Bolt templates Area B322-Jul-24Concrete placement225-Jul-24ttion Area B129-Jul-24TB's Area B230-Jul-24anup footings501-Aug-24o of footing508-Aug-24Barrier Area A414-Aug-24ab for stairs (QC)114-Aug-24and shutoffs516-Aug-24Barrier Area B223-Aug-24and shutoffs516-Aug-24area A420-Aug-24area B420-Aug-24area B426-Aug-24area B426-Aug-24area A127-Aug-24area B203-Sep-24area A203-Sep-24area A203-Sep-24 <td>25         11-Jul-24         14-Aug-24           ate/ Anchor bolts footings area B install LTP         7         11-Jul-24         19-Jul-24           gs Area B         7         18-Jul-24         26-Jul-24         26-Jul-24           n Bolt templates Area B         3         22-Jul-24         24-Jul-24         26-Jul-24           Concrete placement         2         25-Jul-24         26-Jul-24         26-Jul-24           tion Area B         1         29-Jul-24         29-Jul-24         29-Jul-24           Barier Area B         2         30-Jul-24         31-Jul-24           anup footings         5         01-Aug-24         07-Aug-24           o of footing         5         08-Aug-24         14-Aug-24           Sock/ Final Grade SOG area A becomes LTP         4         08-Aug-24         13-Aug-24           Barrier Area A         4         14-Aug-24         19-Aug-24           ab for stairs (QC)         1         14-Aug-24         19-Aug-24           Cock/ Final Grade SOG area B becomes LTP         4         16-Aug-24         19-Aug-24           Barrier Area A         4         16-Aug-24         21-Aug-24           Barrier Area B         2         23-Aug-24         23-Aug-24           <t< td=""></t<></td>	25         11-Jul-24         14-Aug-24           ate/ Anchor bolts footings area B install LTP         7         11-Jul-24         19-Jul-24           gs Area B         7         18-Jul-24         26-Jul-24         26-Jul-24           n Bolt templates Area B         3         22-Jul-24         24-Jul-24         26-Jul-24           Concrete placement         2         25-Jul-24         26-Jul-24         26-Jul-24           tion Area B         1         29-Jul-24         29-Jul-24         29-Jul-24           Barier Area B         2         30-Jul-24         31-Jul-24           anup footings         5         01-Aug-24         07-Aug-24           o of footing         5         08-Aug-24         14-Aug-24           Sock/ Final Grade SOG area A becomes LTP         4         08-Aug-24         13-Aug-24           Barrier Area A         4         14-Aug-24         19-Aug-24           ab for stairs (QC)         1         14-Aug-24         19-Aug-24           Cock/ Final Grade SOG area B becomes LTP         4         16-Aug-24         19-Aug-24           Barrier Area A         4         16-Aug-24         21-Aug-24           Barrier Area B         2         23-Aug-24         23-Aug-24 <t< td=""></t<>

	County of San Procurement				
iy ID	Activity Name	Original	Start	Finish	
		Duration			2024         2025         2026           Dec         Jan         Feb         Mar         Apr         May         Jun         Jul         Aug         Sep         Oct         Nov         Dec         Jan         Feb         Mar         Apr         May         Sep         Oct         Nov         Dec         Jan         Feb         Mar         Apr         May         Sep         Oct         Nov         Dec         Jan         Feb         Mar         Apr         May         Sep         Oct         Nov         Dec         Jan         Feb         Mar         Apr         May         Sep         Oct         Nov         Dec         Jan         Feb         Mar         Apr         May         Sep         Oct         Nov         Dec         Jan         Feb         Mar         Apr         May         Sep         Oct         Nov         Dec         Jan         Feb         Mar         May         Jun         Jun
SOG-2300	Place and Finish area B	1	05-Sep-24	05-Sep-24	I Place and Finish area B
SOG-2400	Place C includes rebar, place and finish (added pour dure to 350 yrd limit)	7	06-Sep-24	16-Sep-24	Place C includes rebar, place and finish (added pour dure to 350 yrd limit)
SOG-2500	Stemwall walls and equipment pads	5	17-Sep-24	23-Sep-24	Stemwall walls and equipment pads
SUPERSTRUCTURE		89	06-Sep-24	21-Jan-25	
STEEL STRUCTURE		89	06-Sep-24	21-Jan-25	T STEEL STRUCTURE
BRACE FRAMES		18	06-Sep-24	01-Oct-24	BRACE FRAMES
STL-1000	BRBF erection	10	06-Sep-24	19-Sep-24	BRBF erection
STL-1100	BRBF welding and inspection	15	11-Sep-24	01-Oct-24	BRBF welding and inspection
STAIRS & ELEVATORS	S	79	20-Sep-24	21-Jan-25	▼ STAIRS & ELEVATORS
STL-1200	Install steel for West stair	10	20-Sep-24	03-Oct-24	Install steel for West stair
STL-1300	Install East stairs	10	04-Oct-24	17-Oct-24	Install East stairs
STL-1302	Elevator and Roof Dog House Steel	10	07-Jan-25	21-Jan-25	Elevator and Roof Dog House Steel
FIREPROOFING		23	10-Oct-24	11-Nov-24	FIREPROOFING
STL-1400	Intumescent fire proofing at stairwell steel	20	10-Oct-24	06-Nov-24	Intumescent fire proofing at stairwell steel
STL-1500	Inspection for Intumescent	3	07-Nov-24	11-Nov-24	Inspection for Intumescent
MASS TIMBER		58	18-Oct-24	20-Jan-25	MASS TIMBER
LEVEL 1-2 MT		38	18-Oct-24	12-Dec-24	▼ LEVEL 1-2 MT
MT-2-1000	Mobilize for Timber Erection	3	18-Oct-24	22-Oct-24	Mobilize for Timber Erection
MT-2-1100	Install Mass Timber Columns Ivl 1, 37	2	23-Oct-24	24-Oct-24	Install Mass Timber Columns IvI 1, 37
MT-2-1300	Install 12" Girders, 39	2	25-Oct-24	28-Oct-24	Install 12" Girders, 39
MT-2-1102	Steel Canopy Connectors	1	25-Oct-24	25-Oct-24	Steel Canopy Connectors
MT-2-1200	Complete Structural Connections	4	29-Oct-24	01-Nov-24	Complete Structural Connections
MT-2-1400	Install Purlins, 103	4	29-Oct-24	01-Nov-24	Install Purlins, 103
MT-2-1500	Perimeter Outriggers, 112	4	04-Nov-24	07-Nov-24	Perimeter Outriggers, 112
MT-2-1600	Barge Beam / Fascia	2	08-Nov-24	11-Nov-24	Barge Beam / Fascia
MT-2-1700	Install CLT/Diaphram Ties Ivl 2 99, including straps	4	12-Nov-24	15-Nov-24	Install CLT/Diaphram Ties Ivl 2 99, including straps
MT-2-1900	Storm drain risers install ready to use	3	18-Nov-24	20-Nov-24	Storm drain risers install ready to use
MT-2-1800	Place topping slab L2 (divide level by 2 pours) Includes terrace slab	5	06-Dec-24	12-Dec-24	Place topping slab L2 (divide level by 2 pours) Includes terrace slab
LEVEL 2-3 MT		37	18-Nov-24	20-Jan-25	▼────▼ LEVEL 2-3 MT
MT-3-1000	Install Mass Timber Columns IVI 2, 32	1	18-Nov-24	18-Nov-24	I Install Mass Timber Columns IvI 2, 32
MT-3-1100	Install 12" Girders, 30	1	19-Nov-24	19-Nov-24	Install 12" Girders, 30
MT-3-1200	Install Purlins, 104	4	20-Nov-24	25-Nov-24	Install Purlins, 104
MT-3-1300	Perimeter Outriggers, 95	4	20-Nov-24	25-Nov-24	Perimeter Outriggers, 95
MT-3-1400	Complete Structural Connections	4	22-Nov-24	27-Nov-24	Complete Structural Connections
MT-3-1500	Barge Beam / Fascia	2	26-Nov-24	27-Nov-24	I Barge Beam / Fascia
MT-3-1600	Install CLT/Diaphram Ties Ivl 3, 90	3	02-Dec-24	04-Dec-24	I Install CLT/Diaphram Ties Ivl 3, 90
MT-3-1800	Storm drain risers install ready to use	3	05-Dec-24	09-Dec-24	Storm drain risers install ready to use
MT-3-1700	Place topping slab L3 (divide level by 2 pours)	5	14-Jan-25	20-Jan-25	Place topping slab L3 (divide level by 2 pours)
LEVEL 3-ROOF MT		23	05-Dec-24	15-Jan-25	▼───▼ LEVEL 3-ROOF MT
MT-ROOF-1000	Install Mass Timber Columns IvI 3, 27	1	05-Dec-24	05-Dec-24	I Install Mass Timber Columns Ivi 3, 27
MT-ROOF-1100	Install 12" Girders, 30	1	06-Dec-24	06-Dec-24	Install 12" Girders, 30
MT-ROOF-1200	Install Purlins, 108	4	09-Dec-24	12-Dec-24	Install Purlins, 108
MT-ROOF-1300	Complete Structural Connections	4	11-Dec-24	16-Dec-24	Complete Structural Connections
MT-ROOF-1400	Perimeter Outriggers, 296	6	13-Dec-24	20-Dec-24	Perimeter Outriggers, 296
MT-ROOF-1500	Barge Beam / Fascia	2	23-Dec-24	30-Dec-24	Barge Beam / Fascia
MT-ROOF-1600	Install Pre Drilled CLT and Diaphram Ties, 84	3	02-Jan-25	06-Jan-25	Install Pre Drilled CLT and Diaphram Ties, 84
MT-ROOF-1700	Storm drain risers install ready to use include bottom drain body	6	07-Jan-25	15-Jan-25	Storm drain risers install ready to use include bottom drain body
LEVEL ROOF MT		4	07-Jan-25	10-Jan-25	T LEVEL ROOF MT
Remaining Level of Actual Level of Effo	-				26 of 34 Print Date: 28-Nov-23 Print Date: 05-Jan-24 Time: 13:07 Filter: TASK filter: In Progress Not Start.

	•	rement & Cons					
ity ID	Activity Name	Original Duration	Start	Finish		24	
MT-ROOF-1800	Install GLB for equipment bolt and bracket	4	07-Jan-25	10-Jan-25	Dec Jan Feb Mar Apr May Jun		Jan [Feb Install
VERTICAL		235	07-Jan-25	10-Dec-25			<b>V</b>
ELEVATOR		215	05-Feb-25	10-Dec-25		 	
ELEV-1000	Weather tite provisions for elevator install	10	05-Feb-25	19-Feb-25			
ELEV-1100	Elevator install (Three levels)	66	20-Feb-25	22-May-25	_		
ELEV-1200	Electrical and low voltage, security, comms to elevator	10	23-May-25	06-Jun-25	—		1
ELEV-1300	Energize and commission Elevator	5	13-Aug-25	19-Aug-25	—		
ELEV-1400	Inspection Ready	1	26-Sep-25	26-Sep-25			
ELEV-1500	Schedule State Elevator Inspector	10	25-Nov-25	10-Dec-25	—		
SHAFTS		34	07-Jan-25	25-Feb-25			·
SHAFT-1000	Safety check, Anchor points, Tie off, safety barriers	2	07-Jan-25	08-Jan-25			Safet
SHAFT-1100	Mechanical Ducting	15	09-Jan-25	30-Jan-25	—		
SHAFT-1200	Mechanical Piping Risers	15	17-Jan-25	06-Feb-25			
SHAFT-1300	Shaft Duct & Piping inspection	2	07-Feb-25	10-Feb-25	—		
SHAFT-1400	Shaft walls	10	11-Feb-25	25-Feb-25	—		
EXTERIOR ENCLOS		126	05-Dec-24	11-Jun-25			
WEST ELEVATION		53	07-Jan-25	24-Mar-25		·	
FCDE-WEST-1100	Install West Framing Prefab Panels	5	07-Jan-25	14-Jan-25			lnsta
FCDE-WEST-1200	Flashing curbs at level 1	5	07-Jan-25	14-Jan-25	—		Flas
FCDE-WEST-1000	Install Clips West Elevation	3	15-Jan-25	17-Jan-25	_		Inst
FCDE-WEST-1300	Vapor Barrier	16	20-Jan-25	17-5an-25	_		
FCDE-WEST-1300	Install Metal Panels	20	30-Jan-25	27-Feb-25			
FCDE-WEST-1500	Fiber Panels	6	11-Feb-25	19-Feb-25			
FCDE-WEST-1600	Storefront System Install	5	20-Feb-25	26-Feb-25	_		
FCDE-WEST-1700	Strip Window Install	10	20-Feb-25 28-Feb-25	13-Mar-25			
FCDE-WEST-1800	Caulking	7	14-Mar-25	24-Mar-25	_		
SOUTH ELEVATION	Caulking	75	20-Jan-25	05-May-25			-
FCDE-SOUTH-1000	Install Clips South Elevation	5	20-Jan-25	24-Jan-25		   	l In
FCDE-SOUTH-1100	Install South Panels	10	27-Jan-25	07-Feb-25	—		
FCDE-SOUTH-1200	Flashing curbs at level 1	5	10-Feb-25	14-Feb-25	—		
FCDE-SOUTH-1300	Vapor Barrier	16	18-Feb-25	11-Mar-25	—		-
FCDE-SOUTH-1400	Install Metal Panels	30	28-Feb-25	10-Apr-25	—		
FCDE-SOUTH-1500	Strip Window Install	10	11-Apr-25	24-Apr-25			
FCDE-SOUTH-1600	Caulking	7	25-Apr-25	05-May-25	—		
EAST ELEVATION	Coolining	80	27-Jan-25	19-May-25			-
FCDE-EAST-1000	Install Clips East Elevation	3	27-Jan-25	29-Jan-25			l Ir
FCDE-EAST-1100	Install East Panels	5	10-Feb-25	14-Feb-25	—		
FCDE-EAST-1200	Flashing curbs at level 1	10	18-Feb-25	03-Mar-25			<b>-</b>
FCDE-EAST-1300	Vapor Barrier	16	12-Mar-25	02-Apr-25	—		
FCDE-EAST-1400	Install Metal Panels	20	24-Mar-25	18-Apr-25	_		
FCDE-EAST-1500	Fiber Panels	6	03-Apr-25	10-Apr-25	—		
FCDE-EAST-1600	Storefront System Install	5	11-Apr-25	17-Apr-25	-		1 1 1
FCDE-EAST-1700	Strip Window Install	10	25-Apr-25	08-May-25		·	
FCDE-EAST-1800	Caulking	7	09-May-25	19-May-25	$\neg$		
NORTH ELEVATION		93	30-Jan-25	11-Jun-25			-
FCDE-NORTH-1000	Install Clips North Elevation	5	30-Jan-25	05-Feb-25			
FCDE-NORTH-1100	Install North Panels	10	18-Feb-25	03-Mar-25	-		
FCDE-NORTH-1200	Flashing curbs at level 1	10	04-Mar-25	17-Mar-25		· · · · · · · · · · · · · · · · · · ·	
Remaining Level o					je 27 of 34	Data Date: 28-	Nov 23

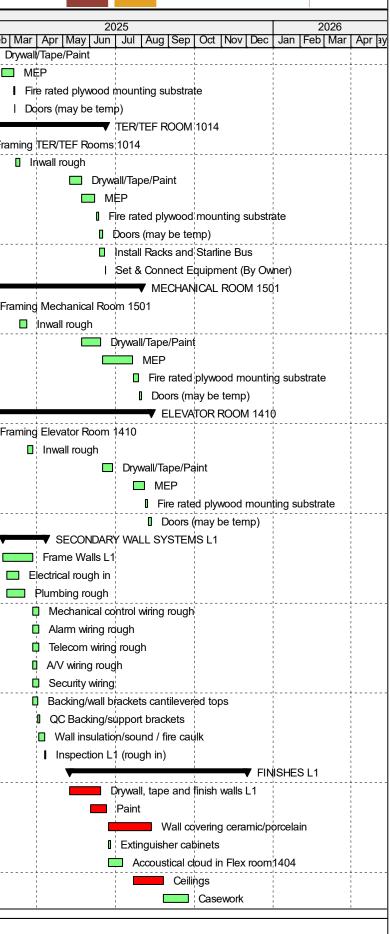
	NJIKUCI		
2025		2026	
Mar   Apr   May   Jun   Jul   Aug   Sep	Oct Nov Dec	Jan Feb Mar	Apr ay
GLB for equipment bolt and bracket			
	V	ERTICAL	
	E	LEVATOR	
Weather tite provisions for elevator inst	all		
Elevator install (Three	levels)		
Electrical and low	oltage, security, c	omms to elevato	r
Ener	gize and commiss	ion Elevator	
	Inspection Read	ду	
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▼ SHAFTS			
check, Anchor points, Tie off, safety bai	niers		
echanical Ducting	· · ·		
Aechanical Piping Risers			
Shaft Duct & Piping inspection			
Shaft walls			
EXTERIOR ENCL	OSURE		
V WEST ELEVATION			
ll West Framing Prefab Panels			
ning curbs at level 1			
all Clips West Elevation			
Vapor Barrier			
Install Metal Panels			
FiberPanels			
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SOUTH ELEVATION			
tall Clips South Elevation	1 1 1		
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Flashing curbs at level 1			
Vapor Barrier			
Strip Window Install			
EAST ELEVATION			
stall Clips East Elevation	)     		
Install East Panels			
Flashing curbs at level 1	- - -		
Vapor Barrier	1 1 1		
Install Metal Panels			
Fiber Panels			
Storefront System Install			
Strip Window Install			
Caulking			
NORTH ELEVATIO	Ń		
nstall Clips North Elevation			
Install North Panels			
Flashing curbs at level 1			
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	County of San Procurement						
rity ID	Activity Name	Original	Start	Finish			
		Duration			2024 Dec Jan  Feb   Mar   Apr   May   Jun   Jul   Aug  Sep   Oct   Nov   Dec Jan	2025	2026
FCDE-NORTH-1300	Vapor Barrier	10	03-Apr-25	16-Apr-25			
FCDE-NORTH-1400	Install Metal Panels	20	21-Apr-25	16-May-25		Install Metal Panels	
FCDE-NORTH-1500	Curtainwall (All)	10	19-May-25	02-Jun-25		Curtainwall (All)	
FCDE-NORTH-1600	Caulking	7	03-Jun-25	11-Jun-25		Caulking	
ROOFING & DECKING		77	05-Dec-24	02-Apr-25		ROOFING & DECKING SYSTEMS	
ROOFING SYSTEMS F	R1 MAIN ROOF	60	07-Jan-25	02-Apr-25		ROOFING SYSTEMS R1 MAIN ROOF	
ROOFSYS-1000	Pedastals for roof screen	8	07-Jan-25	17-Jan-25		Pedastals for roof screen	
ROOFSYS-1100	Pedestals for PV array	5	07-Jan-25	14-Jan-25		Pedestals for PV array	
ROOFSYS-1200	Pedestals for Equipment pads	5	07-Jan-25	14-Jan-25		Pedestals for Equipment pads	
ROOFSYS-1300	1x4 strips and 3/4 plywood main roof	10	07-Jan-25	21-Jan-25		1x4 strips and 3/4 plywood main roof	
ROOFSYS-1400	Roof Air Vapor Barrier/Temp Roof	10	22-Jan-25	04-Feb-25		Roof Air Vapor Barrier/Temp Roof	
ROOFSYS-1600	Roofing Systems- Rigid insulation under tapered insulation under covered	20	05-Feb-25	05-Mar-25		Roofing Systems- Rigid insulation under tapered	d insulation under cover
ROOFSYS-1700	Roof Screen	15	06-Mar-25	26-Mar-25		Roof Screen	
ROOFSYS-1800	Install PV Array	20	06-Mar-25	02-Apr-25		Install PV Array	
EXTERIOR DECK FINI	SHES R2	47	05-Dec-24	19-Feb-25		EXTERIOR DECK FINISHES R2	
EXT-DECK-1000	1x4 sleepers	4	05-Dec-24	10-Dec-24	🛽 1x4 sle	eepers	
EXT-DECK-1100	4 layers of concrete panel boards	8	11-Dec-24	20-Dec-24	🗖 4 lay	ers of concrete panel boards	
EXT-DECK-1200	Roof Air Vapor Barrier	4	23-Dec-24	03-Jan-25		oof Air Vapor Barrier	
EXT-DECK-1300	Polyso tapered insulation	4	06-Jan-25	09-Jan-25	0 F	Polyso tapered insulation	
EXT-DECK-1400	Cover Board	3	10-Jan-25	15-Jan-25		Cover Board	
EXT-DECK-1500	Protection Course / Seperation Barrier	3	16-Jan-25	20-Jan-25		Protection Course / Seperation Barrier	
EXT-DECK-1600	2 ply modified bituminous roof membrane	4	21-Jan-25	24-Jan-25		2 ply modified bituminous roof membrane	
EXT-DECK-1700	Molded sheet drainage panel	4	27-Jan-25	30-Jan-25		Molded sheet drainage panel	
EXT-DECK-1800	2 1/2" XPS Rigid insulation	3	31-Jan-25	04-Feb-25		2 1/2" XPS Rigid insulation	
EXT-DECK-1900	12x12 protection course (under pedestals)	2	05-Feb-25	06-Feb-25		12x12 protection course (under pedestals)	
EXT-DECK-2000	Paver pedestal	3	07-Feb-25	11-Feb-25		Paver pedestal	
EXT-DECK-2100	Pavers	5	12-Feb-25	19-Feb-25		Pavers	
TENANT BUILDOUT		224	14-Jan-25	01-Dec-25			TENANT BUILDOUT
1ST FLOOR TI		224	14-Jan-25	01-Dec-25			▼ 1ST FLOOR TI
OVERHEAD SYSTEMS		40	14-Jan-25	11-Mar-25	······	VERHEAD SYSTEMS L1	
 OH-L1-1000	Layout/control/scan	1	14-Jan-25	14-Jan-25		Layout/control/scan	
OH-L1-1100	Fire Sprinklers	10	15-Jan-25	28-Jan-25		Fire Sprinklers	
OH-L1-1200	Second floor plumbing/drains storm drains	5	17-Jan-25	23-Jan-25		Second floor plumbing/drains storm drains	
OH-L1-1300	HVAC Piping	5	21-Jan-25	27-Jan-25		] HVAC Piping	
OH-L1-1400	Low Voltage Hangers	4	24-Jan-25	29-Jan-25		Low Voltage Hangers	
OH-L1-1500	Misc. Iron Support Systems	20	28-Jan-25	25-Feb-25		Misc. Iron Support Systems	
OH-L1-1600	HVAC Ducting/VAV	10	26-Feb-25	11-Mar-25		HVAC Ducting/VAV	
PRIORITY WALLS L1		143	21-Jan-25	12-Aug-25		■ PRIORITY WALLS	5L1
MAIN ELECTRICAL RO	OOM 1511	22	21-Jan-25	20-Feb-25		MAIN ELECTRICAL ROOM 1511	
ELEC-1511-1000	Framing Room 1511	3	21-Jan-25	23-Jan-25		Framing Room 1511	
ELEC-1511-1100	Inwall rough	2	24-Jan-25	27-Jan-25		] Inwall rough	
ELEC-1511-1200	Drywall/Tape/Paint	5	28-Jan-25	03-Feb-25		Drywall/Tape/Paint	
ELEC-1511-1300	MEP	10	04-Feb-25	18-Feb-25		MEP	
ELEC-1511-1400	Fire rated plywood mounting substrate	1	19-Feb-25	19-Feb-25		Fire rated plywood mounting substrate	
ELEC-1511-1500	Doors (may be temp)	1	20-Feb-25	20-Feb-25		I Doors (may be temp)	
ELECTRICAL ROOM 1		29	24-Jan-25	06-Mar-25	•	ELECTRICAL ROOM 1015	
ELEC-1015-1000	Framing Room 1015	2	24-Jan-25	27-Jan-25		Framing Room 1015	
ELEC-1015-1100	Inwall rough	2	28-Jan-25	29-Jan-25		I Inwall rough	
Remaining Level of Actual Level of Effo	f Effort Actual Work Critical Remaining Work			Page 2	of 34 Data Date: 28-Nov- Print Date: 05-Jan-2	23	1

ty ID	Activity Name	Original	Start	Finish		204	
		Duration			Dec Jan Feb Mar Apr May Jun	)24   Jul   Aug   Sep   Oct   Nov   Dec	Jan F
ELEC-1015-1200	Drywall/Tape/Paint	5	04-Feb-25	10-Feb-25			
ELEC-1015-1300	MEP	10	19-Feb-25	04-Mar-25			
ELEC-1015-1400	Fire rated plywood mounting substrate	1	05-Mar-25	05-Mar-25			
ELEC-1015-1500	Doors (may be temp)	1	06-Mar-25	06-Mar-25			
TER/TEF ROOM 101	4	101	28-Jan-25	19-Jun-25			-
TER-1000	Framing TER/TEF Rooms 1014	3	28-Jan-25	30-Jan-25			0
TER-1100	Inwall rough	3	07-Mar-25	11-Mar-25			
TER-1200	Drywall/Tape/Paint	10	09-May-25	22-May-25			
TER-1300	MEP	10	23-May-25	06-Jun-25			
TER-1400	Fire rated plywood mounting substrate	3	09-Jun-25	11-Jun-25			
TER-1500	Doors (may be temp)	3	12-Jun-25	16-Jun-25			
TER-1600	Install Racks and Starline Bus	5	12-Jun-25	18-Jun-25			
TER-1700	Set & Connect Equipment (By Owner)	1	19-Jun-25	19-Jun-25			
MECHANICAL ROOM		127	31-Jan-25	31-Jul-25			-
MECH-1000	Framing Mechanical Room 1501	3	31-Jan-25	04-Feb-25			
MECH-1100	Inwall rough	7	12-Mar-25	20-Mar-25	1		-
MECH-1200	Drywall/Tape/Paint	15	23-May-25	13-Jun-25			
MECH-1300	MEP	25	16-Jun-25	21-Jul-25			
MECH-1400	Fire rated plywood mounting substrate	5	22-Jul-25	28-Jul-25			1
MECH-1500	Doors (may be temp)	3	29-Jul-25	31-Jul-25			
ELEVATOR ROOM 1		132	05-Feb-25	12-Aug-25			
ELEVRM-1000	Framing Elevator Room 1410	1	05-Feb-25	05-Feb-25			
ELEVRM-1100	Inwall rough	5	21-Mar-25	27-Mar-25	—		-
ELEVRM-1200	Drywall/Tape/Paint	10	16-Jun-25	27-Jun-25			
ELEVRM-1300	MEP	10	22-Jul-25	04-Aug-25	—		
ELEVRM-1400	Fire rated plywood mounting substrate	3	05-Aug-25	07-Aug-25	—		
ELEVRM-1500	Doors (may be temp)	3	08-Aug-25	12-Aug-25			
SECONDARY WALL S		37	20-Feb-25	11-Apr-25			
	Frame Walls L1	25	20-Feb-25	26-Mar-25		1 I 1 I 1 I 1 I 1 I 1 I	
WALL-L1-1100	Electrical rough in	10	25-Feb-25	10-Mar-25	—		
WALL-L1-1200	Plumbing rough	15	25-Feb-25	17-Mar-25	_		
WALL-L1-1300	Mechanical control wiring rough	5	27-Mar-25	02-Apr-25		 	
WALL-L1-1400	Alarm wiring rough	5	27-Mar-25	02-Apr-25	_		
WALL-L1-1500	Telecom wiring rough	5	27-Mar-25	02-Apr-25	—		
WALL-L1-1600	A/V wiring rough	3	27-Mar-25	31-Mar-25	-		
WALL-L1-1700	Security wiring	5	27-Mar-25	02-Apr-25			
WALL-L1-1700	Backing/wall brackets cantilevered tops	4	27-Mar-25	02-Api-25 01-Apr-25		 	
WALL-L1-1900	QC Backing/support brackets		02-Apr-25	01-Api-25 03-Apr-25			1
WALL-L1-1900	Wall insulation/sound / fire caulk	2	02-Apr-25 03-Apr-25	03-Apr-25 09-Apr-25			
WALL-L1-2000	Inspection L1 (rough in)	2	10-Apr-25	11-Apr-25			
FINISHES L1		142	09-May-25	01-Dec-25			
	Drywall, tape and finish walls L1	25	09-May-25	13-Jun-25		 LL	
FIN-L1-1100	Paint	15	09-way-25 02-Jun-25	20-Jun-25			
FIN-L1-1200	Wall covering ceramic/porcelain	35	23-Jun-25	20-Jun-25 11-Aug-25			
FIN-L1-1200	Extinguisher cabinets		23-Jun-25 23-Jun-25	25-Jun-25		· · · · · · · · · · · · · · · · · · ·	
FIN-L1-1300	Accoustical cloud in Flex room1404	3	23-Jun-25 23-Jun-25	25-Jun-25 09-Jul-25			
		12				i 	
FIN-L1-1500	Ceilings	25	22-Jul-25	25-Aug-25			
FIN-L1-1600	Casework	20	26-Aug-25	23-Sep-25			

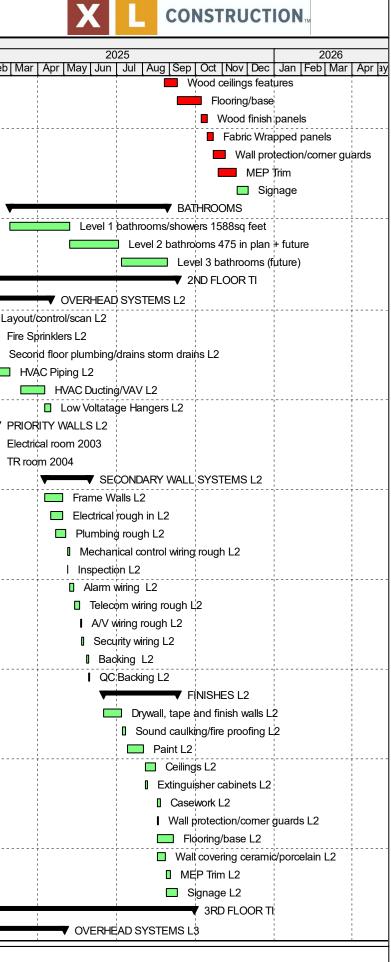
## CONSTRUCTION

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ity ID	Activity Name	Original	Start	Finish						
		Duration			Dec	.lan   Feb   Mar		)24 Lulul Aug Se	ep   Oct   Nov   De	c Jan Fe
FIN-L1-1700	Wood ceilings features	10	26-Aug-25	09-Sep-25						
FIN-L1-1800	Flooring/base	20	10-Sep-25	07-Oct-25	_		1			
FIN-L1-1900	Wood finish panels	5	08-Oct-25	14-Oct-25	_		, , ,			
FIN-L1-2000	Fabric Wrapped panels	5	15-Oct-25	21-Oct-25			! ! !	L		
FIN-L1-2100	Wall protection/corner guards	10	22-Oct-25	04-Nov-25	_		1			
FIN-L1-2200	MEP Trim	15	28-Oct-25	17-Nov-25	_		1 1 1	1		
FIN-L1-2300	Signage	8	18-Nov-25	01-Dec-25	_		1			
BATHROOMS		130	27-Feb-25	29-Aug-25			1 1			
 RR-1000	Level 1 bathrooms/showers 1588sq feet	50	27-Feb-25	07-May-25			! ! !	L	¹	
RR-1100	Level 2 bathrooms 475 in plan + future	40	08-May-25	03-Jul-25	_		-  - 	   		
RR-1200	Level 3 bathrooms (future)	40	07-Jul-25	29-Aug-25	_					
2ND FLOOR TI		155	30-Jan-25	09-Sep-25			-  - 	1 1 1		-
OVERHEAD SYSTE	MSI 2	53	30-Jan-25	15-Apr-25			1			-
OH-L2-1000	Layout/control/scan L2	5	30-Jan-25	05-Feb-25						
OH-L2-1100	Fire Sprinklers L2	5	06-Feb-25	12-Feb-25	_			1		
OH-L2-1200	Second floor plumbing/drains storm drains L2	5	10-Feb-25	14-Feb-25	-		- 1 1			
OH-L2-1300	HVAC Piping L2	10	12-Feb-25	26-Feb-25	-		1 1 1	1 1 1		
OH-L2-1400	HVAC Piping L2 HVAC Ducting/VAV L2	20	12-Nar-25	08-Apr-25	_		1 1 1			
OH-L2-1400	Low Voltatage Hangers L2	5	09-Apr-25	15-Apr-25				, , , , ,		
PRIORITY WALLS L			09-Apr-25	12-Feb-25			1			
WALL-L2-1000	Electrical room 2003	5	06-Feb-25	12-Feb-25			, , ,			
WALL-L2-1000	TR room 2004	5	06-Feb-25	12-Feb-25	_					
SECONDARY WALL		37	06-Feb-25 09-Apr-25	30-May-25			- 	1		
WALL-L2-1200	Frame Walls L2	15	09-Apr-25	29-Apr-25			, ,	, , ,		
WALL-L2-1200	Electrical rough in L2	10	16-Apr-25	29-Apr-25	_		1			
WALL-L2-1300	Plumbing rough L2	10	21-Apr-25	02-May-25	_		1 1			
WALL-L2-1400	Mechanical control wiring rough L2	3	05-May-25	02-May-25	_		1			
WALL-L2-1500	Inspection L2		-	07-May-25	_		1 1	1 1 1		1
WALL-L2-1700			05-May-25	,			, ,	, , ,		
	Alarm wiring L2	3	08-May-25	12-May-25	_					
WALL-L2-1800	Telecom wiring rough L2	5	13-May-25	19-May-25	_		1			
WALL-L2-1900	A/V wiring rough L2	2	20-May-25	21-May-25	_		-  - 	1 1 1		
WALL-L2-2000	Security wiring L2	2	22-May-25	23-May-25	_			1		
WALL-L2-2100	Backing L2	3	27-May-25	29-May-25						
WALL-L2-2200	QC Backing L2	1	30-May-25	30-May-25				1 1 1		
FINISHES L2		60	16-Jun-25	09-Sep-25						
FIN-L2-1000	Drywall, tape and finish walls L2	15	16-Jun-25	07-Jul-25	_		- 1 1	1		
FIN-L2-1100	Sound caulking/fire proofing L2	4	08-Jul-25	11-Jul-25	_			1		
FIN-L2-1200	Paint L2	15	14-Jul-25	01-Aug-25						
FIN-L2-1300	Ceilings L2	10	04-Aug-25	15-Aug-25	_			1		
FIN-L2-1400	Extinguisher cabinets L2	3	04-Aug-25	06-Aug-25	_		1 1 1	1 1 1		
FIN-L2-1500	Casework L2	4	18-Aug-25	21-Aug-25	_		1 1 1	1 1 1		
FIN-L2-1600	Wall protection/corner guards L2	2	18-Aug-25	19-Aug-25						
FIN-L2-1700	Flooring/base L2	15	18-Aug-25	05-Sep-25				; 		
FIN-L2-1800	Wall covering ceramic/porcelain L2	8	18-Aug-25	27-Aug-25			1	1 1 1		
FIN-L2-1900	MEP Trim L2	3	28-Aug-25	01-Sep-25			 	1		
FIN-L2-2000	Signage L2	8	28-Aug-25	09-Sep-25			1			
3RD FLOOR TI		164	06-Feb-25	29-Sep-25			1 1			-
	MS L3	60	06-Feb-25	01-May-25			1	1	1	

### **CONSTRUCTION**



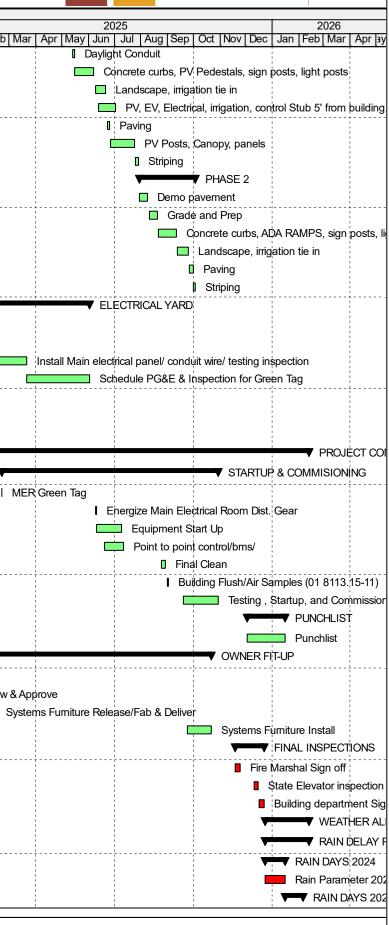
	County of San Procurement				
ctivity ID	Activity Name	Original Duration	Start	Finish	2024 2025 2026
		Baladon		ļ	Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Ap
OH-L3-1000	Layout/control/scan L3	5	06-Feb-25	12-Feb-25	Layout/control/scan L3
OH-L3-1100	Fire Sprinklers L3	5	13-Feb-25	20-Feb-25	Fire Sprinklers L3
OH-L3-1200	Second floor plumbing/drains storm drains L3	5	18-Feb-25	24-Feb-25	Second floor plumbing/drains storm drains L3
OH-L3-1300	HVAC Piping L3	5	27-Feb-25	05-Mar-25	HVAC Piping L3
OH-L3-1400	HVAC Ducting/VAV L3	12	09-Apr-25	24-Apr-25	HVAC Ducting/VAV L3
OH-L3-1500	Low Voltatage Hangers L3	5	25-Apr-25	01-May-25	Low Voltatage Hangers L3
PRIORITY WALLS L3		4	13-Feb-25	19-Feb-25	▼ PRIORITY WALLS L3
WALL-L3-1000	Electrical room 3003	4	13-Feb-25	19-Feb-25	Electrical room 3003
WALL-L3-1100	TR 3004	4	13-Feb-25	19-Feb-25	
SECONDARY WALL		36	02-May-25	23-Jun-25	SECONDARY WALL SYSTEMS L3
WALL-L3-1200	Frame Walls L3	15	02-May-25	22-May-25	Frame Walls L3
WALL-L3-1300	Electrical rough in L3	10	09-May-25	22-May-25	Electrical rough in L3
WALL-L3-1400	Plumbing rough L3	10	14-May-25	28-May-25	Plumbing rough L3
WALL-L3-1500	Mechanical control wiring rough L3	3	29-May-25	02-Jun-25	Mechanical control wiring rough L3
WALL-L3-1600	Inspection L3 (rough in)	1	29-May-25	29-May-25	I Inspection L3 (rough in)
WALL-L3-1700	Alarm wiring rough L3	3	03-Jun-25	05-Jun-25	I Alarm wiring rough L3
WALL-L3-1800	Telecom wiring rough L3	3	06-Jun-25	10-Jun-25	Telecom wiring rough L3
WALL-L3-1900	A/V wiring rough L3	3	11-Jun-25	13-Jun-25	I A/V wiring rough L3
WALL-L3-2000	Security wiring L3	2	16-Jun-25	17-Jun-25	Security wiring L3
WALL-L3-2100	Backing L3	3	18-Jun-25	20-Jun-25	Backing L3
WALL-L3-2200	QC Backing L3	1	23-Jun-25	23-Jun-25	I QC Backing L3
FINISHES L3		59	08-Jul-25	29-Sep-25	
FIN-L3-1000	Drywall, tape and finish walls L3	15	08-Jul-25	28-Jul-25	Drywall, tape and finish walls L3
FIN-L3-1100	Sound caulking/fire proofing L3	4	29-Jul-25	01-Aug-25	Sound caulking/fire proofing L3
FIN-L3-1200	Paint L3	15	04-Aug-25	22-Aug-25	Paint L3
FIN-L3-1600	Casework/ counters L3	10	25-Aug-25	05-Sep-25	Casework/ counters L3
FIN-L3-1300	Wall protection/corner guards L3	3	25-Aug-25	27-Aug-25	I Wall protection/corner guards L3
FIN-L3-1400	Ceilings L2	3	25-Aug-25	27-Aug-25	I Ceilings L2
FIN-L3-1500	Extinguisher cabinets L3	3	25-Aug-25	27-Aug-25	Extinguisher cabinets L3
FIN-L3-1700	Flooring/base L3	15	09-Sep-25	29-Sep-25	Flooring/base L3
FIN-L3-1800	MEP Trim L3	8	09-Sep-25	18-Sep-25	MEP Trim L3
FIN-L3-1900	Signage L3	8	09-Sep-25	18-Sep-25	Signage L3
ROOF TOP		89	06-Mar-25	10-Jul-25	ROOF TOP
ROOF-1000	Mechanical Support platforms	10	06-Mar-25	19-Mar-25	Mechanical Support platforms
ROOF-1900	Gravity Vents at stairwells 2	4	06-Mar-25	11-Mar-25	Gravity Vents at stairwells 2
ROOF-1100	Install 2 Electric Boilers, 2 HHW pumps, 1 expansion tank, pot feeder, air s	15	20-Mar-25	09-Apr-25	Install 2 Electric Boilers, 2 HHW pumps, 1 expansion tank, pot fee
ROOF-1200	Set Air Handler 1 and 2	5	20-Mar-25	26-Mar-25	Set Air Handler 1 and 2
ROOF-1300	Install ducting and sound attenuators	8	27-Mar-25	07-Apr-25	Install ducting and sound attenuators
ROOF-1400	Set 4 Exhaust fans	4	08-Apr-25	11-Apr-25	I Set 4 Exhaust fans
ROOF-1500	Install ductwork crossing platform	8	08-Apr-25	17-Apr-25	Install ductwork crossing platform
ROOF-1600	Install 9 Condensing Units and 6 Air cooled condensing units	12	14-Apr-25	29-Apr-25	Install 9 Condensing Units and 6 Air cooled condensing units
ROOF-1700	PV Array pedestals and framing on main roof	10	30-Apr-25	13-May-25	PV Array pedestals and framing on main roof
ROOF-1800	MEP Connections	50	30-Apr-25	10-Jul-25	
SITE IMPROVEMEN		437	06-Feb-24	06-Nov-25	▼ SITE IMPROVEMENTS
SITE FINISHES		30	26-Sep-25	06-Nov-25	
SITE-3200	Lighting, Benches, Signage fencing	30	26-Sep-25	06-Nov-25	Lighting, Benches, Signage
SITE UTILITIES		396	06-Feb-24	10-Sep-25	▼ SITE UTILITIES
SITE-2300	Sanitary Sewer #1	6	06-Feb-24	13-Feb-24	Sanitary Sewer #1
Remaining Level Actual Level of E	-			Pag	e 31 of 34 Data Date: 28-Nov-23 Print Date: 05-Jan-24 Time: 13:07 Filter: TASK filter: In Progress Not Start.

			struction Sc		_		
vity ID	Activity Name	Original Duration	Start	Finish		2024	
	Install SD#4 from SDCD#6 into project area (apply upply)	5	14-Feb-24	22-Feb-24	Dec	Jan Feb Mar Apr May Jun Jul Aug Install SD#4 from SDCB#6 into pr	
SITE-2400 SITE-3000	Install SD#4 from SDCB#6 into project area (early work)			22-Feb-24 13-Sep-24	-		oject area (early work) ■ PV Arrays base/framing in p
	PV Arrays base/framing in parking area Storm Drains/manhole at north side of building SD#1, SD#3	80	16-May-24				anhole at north side of building
SITE-2200		10	16-May-24	03-Jun-24	_		nannole at north side of building
SITE-2500	Joint trench at mission AT&T/PG&E continue to electric yard	15	19-Jul-24	08-Aug-24	_		
SITE-2600 SITE-2700	Install deep Electrical conduits to building from electrical yard	10	09-Aug-24	22-Aug-24	_		Install deep Electrical conduits to Install water and fire water at so
SITE-2700	Install water and fire water at south driveway Install comm conduit from at south	10	09-Aug-24	22-Aug-24	-		Install water and fire water at so
			09-Aug-24	15-Aug-24		······································	
SITE-2900	Sanitary sewer SS#2 line from Trash enclosure stubbed to fence	10	23-Aug-24	09-Sep-24	-		Sanitary sewer SS#2 line from
SITE-3100	South SD#2	4	04-Sep-25	10-Sep-25			
HARDSCAPE/LAND	DSCAPE	413	06-Feb-24	03-Oct-25			
West		275	06-Feb-24	20-Mar-25		V	
SITE-WEST1000	Bioretention BMP3A	15	06-Feb-24	28-Feb-24		Bioretention BMP3A	
SITE-WEST1100	Grading prep for landscape and hardscape	4	15-Jan-25	20-Jan-25			🛛 Gra
SITE-WEST1200	Irrigation/electrical/control	5	21-Jan-25	27-Jan-25			🗖 Imi
SITE-WEST1300	Concrete walks, walls, pedestals	10	28-Feb-25	13-Mar-25			
SITE-WEST1400	Tree/Plant/sod install	5	14-Mar-25	20-Mar-25			
North		51	21-Mar-25	02-Jun-25			
SITE-NORTH-1000	Bioretention BMP3A	15	21-Mar-25	10-Apr-25			
SITE-NORTH-1100	Grading prep for landscape and hardscape	4	11-Apr-25	16-Apr-25			
SITE-NORTH-1200	Irrigation/electrical/control	5	17-Apr-25	23-Apr-25			
SITE-NORTH-1300	Concrete walks, walls, pedestals, Ramps	5	19-May-25	23-May-25			
SITE-NORTH-1400	Tree/Plant/sod install	5	27-May-25	02-Jun-25	_		
East		47	03-Jun-25	07-Aug-25			· · · · · · · · · · · · · · · · · · ·
SITE-EAST-1000	Grading prep for landscape and hardscape	4	03-Jun-25	06-Jun-25			
SITE-EAST-1100	Irrigation/electrical/control	5	09-Jun-25	13-Jun-25	_		
SITE-EAST-1200	Complete E/V, P/V, Parking Electrical building connections	10	03-Jul-25	17-Jul-25	—		
SITE-EAST-1300	Concrete walks, walls, pedestals, Ramps	10	18-Jul-25	31-Jul-25	_		
SITE-EAST-1400	Tree/Plant/sod install	5	01-Aug-25	07-Aug-25			
South		39	08-Aug-25	02-Oct-25			
SITE-SOUTH-1000	Grading prep for landscape and hardscape	4	08-Aug-25	13-Aug-25			
SITE-SOUTH-1100	Bioretention Install	15	14-Aug-25	03-Sep-25	_		
SITE-SOUTH-1200	Irrigation/electrical/control	5	04-Sep-25	11-Sep-25	_		
SITE-SOUTH-1300	Concrete walks and bases, Ramps	10	12-Sep-25	25-Sep-25			· · · · · · · · · · · · · · · · · · ·
SITE-SOUTH-1400	Tree/Plant/sod install	5	26-Sep-25	02-Oct-25	_		
		-	15-Jan-25	02-Oct-25			
Parking Lot PHASE 1A EASTERN		184	15-Jan-25				
PRK-EAST-1000		76		01-May-25			I Dom
	Demo pavement	3	15-Jan-25	17-Jan-25		·	l Dem
PRK-EAST-1100	PV, EV, Electrical, irrigation, control Stub 5' from building, full	15	20-Jan-25	07-Feb-25	_		E F
PRK-EAST-1200	Grade and Prep	4	10-Feb-25	13-Feb-25	_		0
PRK-EAST-1300	Daylight Conduit	3	14-Feb-25	19-Feb-25	_		0
PRK-EAST-1400	Concrete curbs, PV Pedestals, sign posts, light posts	15	20-Feb-25	12-Mar-25	_		
PRK-EAST-1500	Landscape, irrigation tie in	10	13-Mar-25	26-Mar-25			· · · · · · · · · · · · · · · · · · ·
PRK-EAST-1600	Paving	3	27-Mar-25	31-Mar-25	-		
PRK-EAST-1700	PV Posts, Canopy, panels	20	01-Apr-25	28-Apr-25			
PRK-EAST-1800	Striping	3	29-Apr-25	01-May-25			
PHASE 1B WESTER		61	02-May-25	29-Jul-25			
PRK-WEST-1000	Demo pavement	3	02-May-25	06-May-25			
PRK-WEST-1100	Grade and Prep	4	07-May-25	12-May-25			
Remaining Level of Actual Level of Eff	-	<		Pag	e 32 of 3	4	Data Date: 28-Nov-23 Print Date: 05-Jan-24 Ti Filter: TASK filter: In Pro

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	-	yalu	1		
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n		1 1 1	1 1 1		
n Trasl	n enclosure stubb	ed to fence	1 1 1		
		1	outh SD#2		
			1		
		1	HARDSCAPE/	LANDSCAPE	
	West				
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	ep for landscape	anu naruscape	1 1 1		
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	oncrete walks, w	alls, pedestals	i 1 1		
	Tree/Plant/sod in		1		
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	Bioretention	BMP3A	 		
	Grading pre	p for landscape a	and hardscape		
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		1	pedestals, Ramp		
	🔲 Tre	e/Plant/sod insta	 '	   	
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	I Gi	ading prep for la	dscape and har	scape	
		rigation/electrical			
		Complete E	/V, P/V, Parking E	Electrical building	connec
		Concrete	walks, walls, ped	estals, Ramps	
		L	ant/sod install	   	
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		🛛 Gradin	g prep for landsc	ape and hardsca	pe
		🔲 Bio	retention Install		
		🗖 Ir	rigation/electrical/	control	
			Concrete walks		5
			Tree/Plant/sod	Install	
			Parking Lot		
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	PV Posts	Canopy, panels	1 1 1		
	Striping		1		
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		PHASE 1	B WESTERN HAI	LF-	
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	Grade	and Prep	' I I	·	
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			truction Scl			 		
vity ID	Activity Name	Original Duration	Start	Finish	Dec		24	
PRK-WEST-1200	Daylight Conduit	3	13-May-25	15-May-25	Dec		Jul Aug Sep Oct Nov De	c Jan Fe
PRK-WEST-1300	Concrete curbs, PV Pedestals, sign posts, light posts	15	16-May-25	06-Jun-25	-			
PRK-WEST-1500	Landscape, irrigation tie in	10	09-Jun-25	20-Jun-25				
PRK-WEST-1400	PV, EV, Electrical, irrigation, control Stub 5' from building, full	15	12-Jun-25	02-Jul-25	_			
PRK-WEST-1600	Paving	3	23-Jun-25	25-Jun-25		 		
PRK-WEST-1700	PV Posts, Canopy, panels	20	26-Jun-25	24-Jul-25	_			
PRK-WEST-1800	Striping	3	25-Jul-25	29-Jul-25	_	1		
PHASE 2		47	30-Jul-25	03-Oct-25				
PRK-PH2-1000	Demo pavement	8	30-Jul-25	08-Aug-25				
PRK-PH2-1100	Grade and Prep	8	11-Aug-25	20-Aug-25		    	     	
PRK-PH2-1200	Concrete curbs, ADA RAMPS, sign posts, light posts, Truncated domes	15	21-Aug-25	11-Sep-25				
PRK-PH2-1300	Landscape, irrigation tie in	10	12-Sep-25	25-Sep-25				
PRK-PH2-1400	Paving	3	26-Sep-25	30-Sep-25	_			
PRK-PH2-1500	Striping	3	01-Oct-25	03-Oct-25				
ELECTRICAL YARD		199	09-Aug-24	02-Jun-25		 		i
ELECYD-1000	Footings and slab	5	09-Aug-24	15-Aug-24			Footings and slab	
ELECYD-1100	Battery Install	5	16-Aug-24	22-Aug-24	_		Battery Install	
ELECYD-1200	Install Main electrical panel/ conduit wire/ testing inspection	25	13-Feb-25	21-Mar-25	_			1
ELECYD-1300	Schedule PG&E & Inspection for Green Tag	50	21-Mar-25	02-Jun-25	-			
TRASH ENCLOSURE		20	09-Aug-24	09-Sep-24			TRASH ENCLOS	SURE
TRSH-1000	– Footings and Slab	5	09-Aug-24	15-Aug-24			Footings and Slab	-
TRSH-1100	Enclosure/Steel Roof	15	16-Aug-24	09-Sep-24	_		Ehclosure/Steel	Rdof
PROJECT COMPLETIC		401	02-Jul-24	12-Feb-26				
STARTUP & COMMIS		178	20-Feb-25	30-Oct-25		1 1 1		
SU-1006				20-Feb-25		 		
SU-1008	MER Green Tag Energize Main Electrical Room Dist. Gear	1	20-Feb-25 09-Jun-25	20-Feb-25 10-Jun-25	_	1		
		· · · ·	10-Jun-25	09-Jul-25	_			
SU-1002 SU-1000	Equipment Start Up	20	20-Jun-25		_			
SU-1100	Point to point control/bms/ Final Clean	15		11-Jul-25	_			
SU-1200	Building Flush/Air Samples (01 8113.15-11)		25-Aug-25 01-Sep-25	29-Aug-25 02-Sep-25		 		
SU-1200	Testing , Startup, and Commissioning	2	19-Sep-25	30-Oct-25	_	1 1 1		
	resulty, statup, and commissioning	30	02-Dec-25	15-Jan-26				
PUNCHLIST		30						
PUNCH-1000	Punchlist	30	02-Dec-25	15-Jan-26		-		
OWNER FIT-UP		324	02-Jul-24	21-Oct-25		 		
A1556	Systems Furniture Shop Dwgs	30	02-Jul-24	14-Aug-24	_	1	Systems Furniture Sh	
A1558	Systems Furniture Review & Approve	30	15-Aug-24	27-Sep-24	_		Systems Furr	iture Revie
A1560	Systems Furniture Release/Fab & Deliver	90	30-Sep-24	13-Feb-25	_	1		
A1562	Systems Furniture Install	20	24-Sep-25	21-Oct-25				
FINAL INSPECTIONS		23	18-Nov-25	22-Dec-25		       		
INSP-1000	Fire Marshal Sign off	5	18-Nov-25	24-Nov-25				
INSP-1100	State Elevator inspection Final	3	11-Dec-25	15-Dec-25	_			
INSP-1200	Building department Sign off. Substantial Completion	5	16-Dec-25	22-Dec-25				
WEATHER ALLOWAN	NCE	35	23-Dec-25	12-Feb-26				
RAIN DELAY PARAM	ETERS	35	23-Dec-25	12-Feb-26				
RAIN DAYS 2024		15	23-Dec-25	15-Jan-26		 		
A984	Rain Parameter 2024	15	23-Dec-25	15-Jan-26	1			
<i>r</i>		15	16-Jan-26	05-Feb-26				1

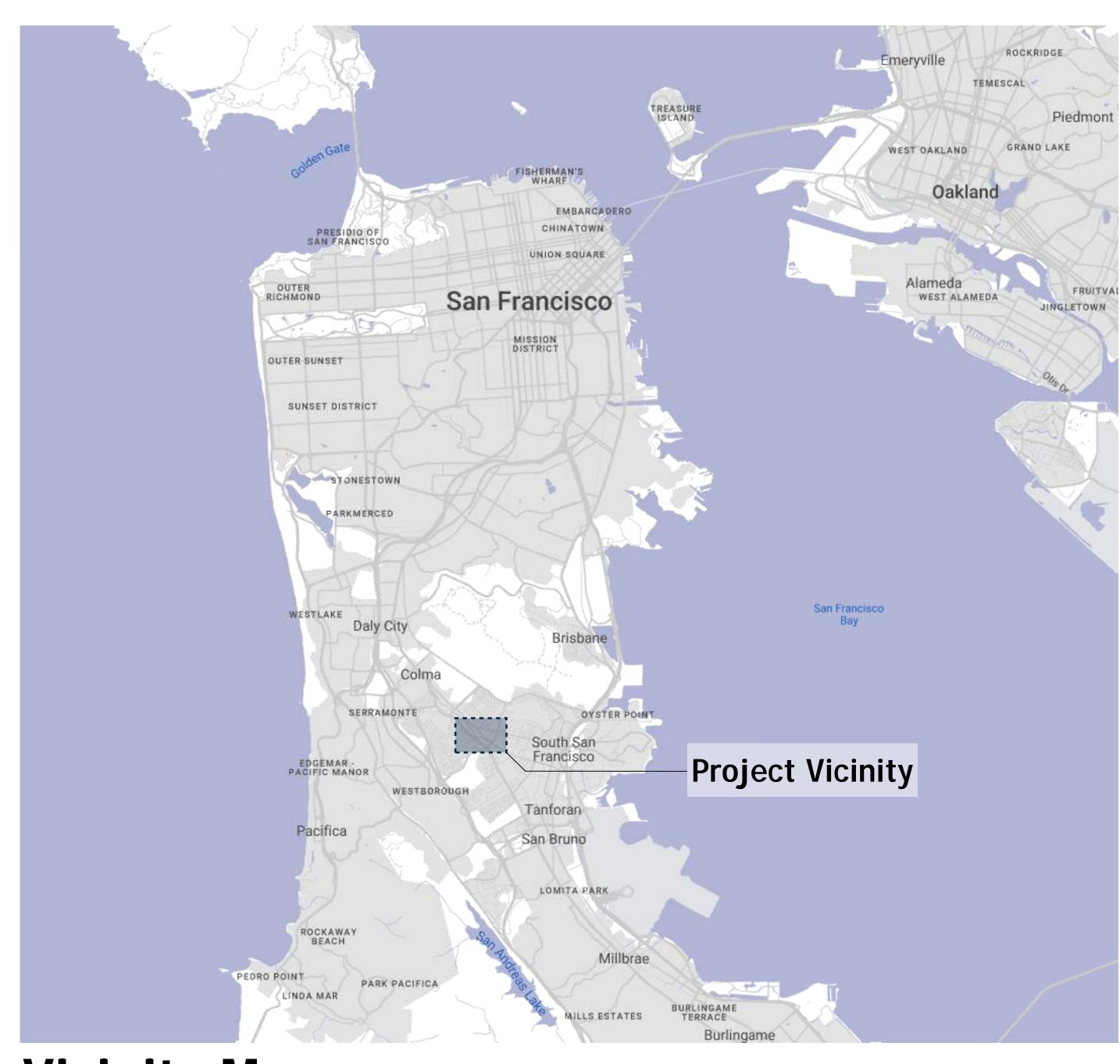




	-	y of San Mateo S urement & Cons						XL	
Activity ID	Activity Name	Original Duration	Start	Finish	Dec	20 Lian   Feb   Mar   Apr   May   Jun		2025	2026  Sep   Oct  Nov   Dec   Jan  Feb   Mar   Apr
A986	Rain Parameter 2025	15	16-Jan-26	05-Feb-26					Rain Paramet
RAIN DAYS 2026		5	06-Feb-26	12-Feb-26					🕶 RAIN DAYS
A988	Rain Parameter 2026	5	06-Feb-26	12-Feb-26		1	r		Rain Parame
SUBSTANTIAL CO	OMPLETION	0	12-Feb-26	12-Feb-26					▼ SUBSTANTI
A1554	Substantial Completion	0		12-Feb-26			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<ul> <li>Substantial (</li> </ul>
PROJECT CLOSE	OUT	90	31-Oct-25	12-Mar-26					V PROJE
Project Documen	It Close-out	90	31-Oct-25	12-Mar-26					Project
PCO-1000	As-builts	1	31-Oct-25	31-Oct-25		1			As-builts
PCO-1020	Review & Submit all Construction Documentation	20	13-Feb-26	12-Mar-26			• • • • • • • • • • • • • • • • • • •		Review
PCO-1010	O&M's	1	12-Mar-26	12-Mar-26					I O&M's

Remaining Level of Effort Actual Work Critical Remainin	g Work Page 34 of 34	Data Date: 28-Nov-23
Actual Level of Effort Remaining Work $\blacklozenge$ Milestone		Print Date: 05-Jan-24 Time
		Filter: TASK filter: In Progre

## 8 - Site Logistics Plan



# Vicinity Map



# SITE LOGISTICS PLAN SITE LOGISTICS

# **XL CONSTRUCTION - CONTRACTOR**

# **TABLE OF CONTENTS**

XL01.	Cover Sh
XL02.	Hauling
XL03.	Phase 1
XL04.	Phase 2
XL05.	Phase 3
XL06.	Phase 4
XL07.	Phase 5
	Dhasa 6

# **SOUTH SAN FRANCISCO WELLNESS CENTER** County of San Mateo Project No. BLD2020-00000

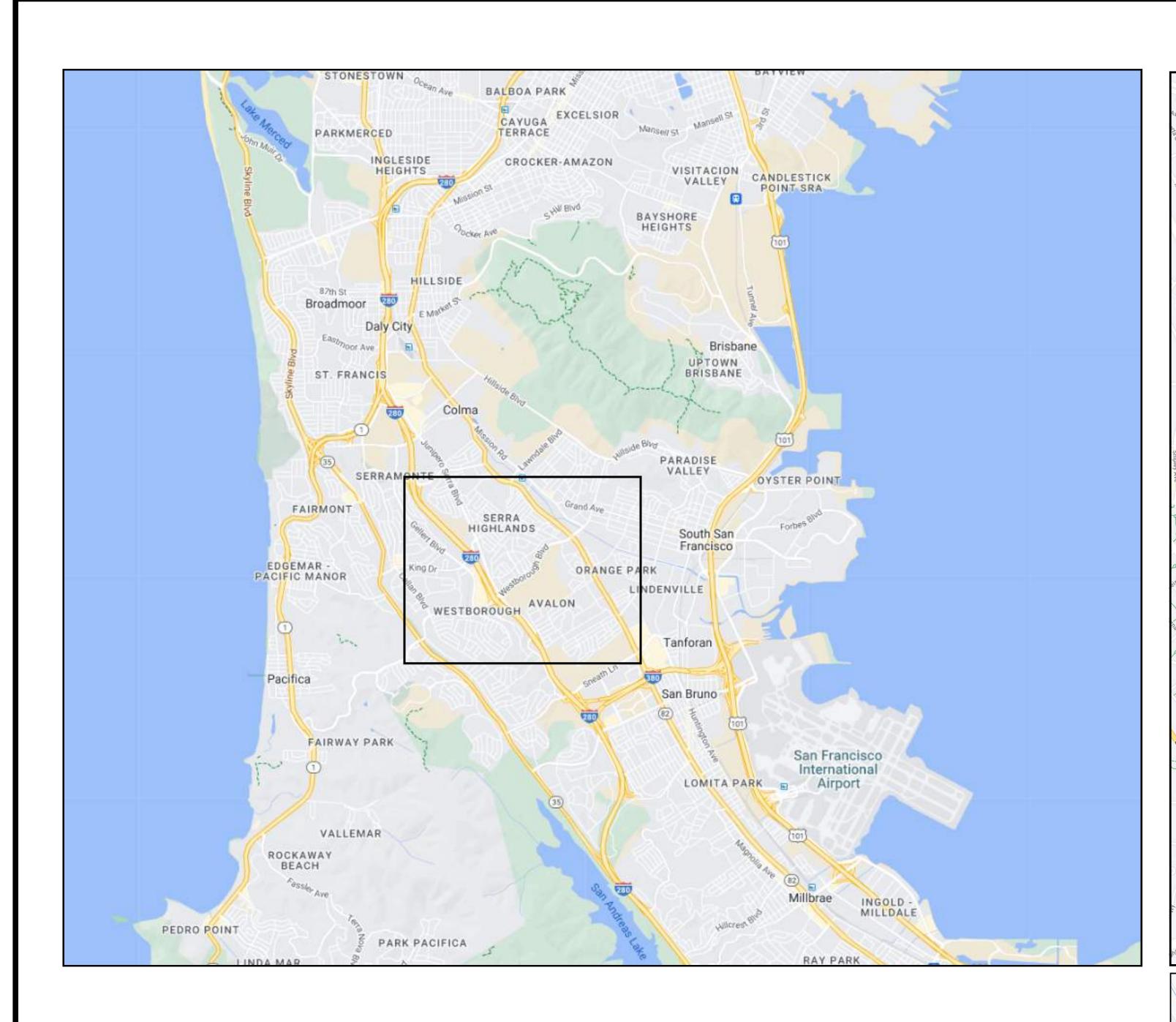
# SAN MATEO COUNTY HEALTH

## heet

## Route

- Site Isolation and Preparation
- Demolition
- Excavation and Grading
- Foundations
- Superstructure Sequence
- XL08. Phase 6 Facade Sequence



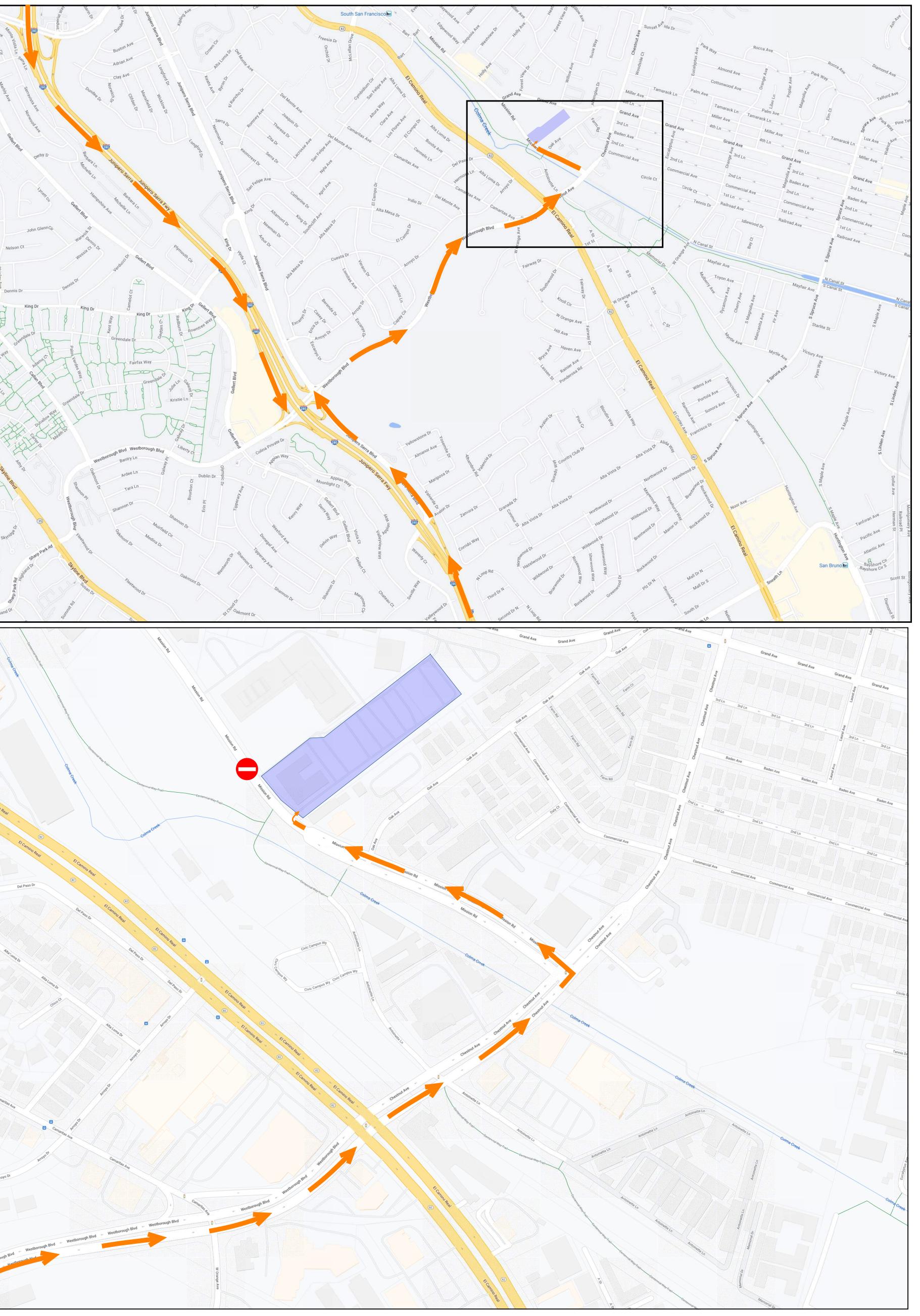


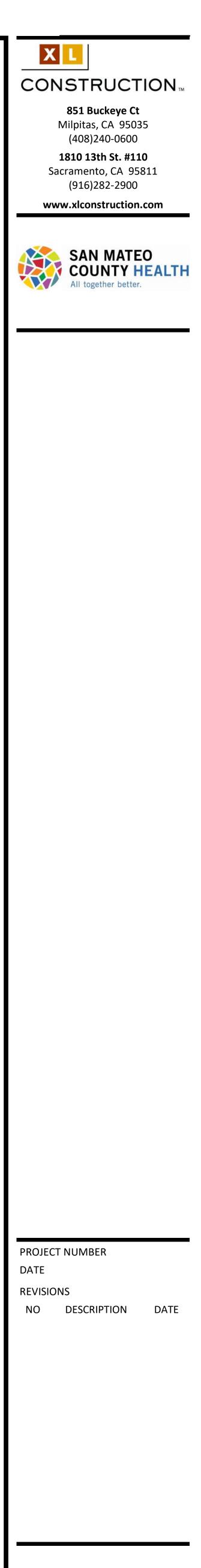
## URGENT CARE

Concentra Medical Centers Occupational Medicine Clinic 3 S Linden Ave South San Francisco, CA 94080 415-297-4044, 650-238-1500

## HOSPITAL

Seton Medical Center Hospital: Acute Care Hospital 1900 Sullivan Ave Daly City, CA 94015 650-992-4000





# Initial site isolation January to February 2024



## Major activities-

Fencing- work area isolation **Construction Trailers** Signage Abatement Parking prep for Courthouse

MORTH

parking.

Willow AVE

XL 851 Buckeye Ct Milpitas, CA 95035 (408)240-0600 1810 13th St. #110 Sacramento, CA 95811 (916)282-2900 www.xlconstruction.com PROJECT NUMBER DATE REVISIONS NO DESCRIPTION DATE

# **Demo Phase** February to March 2024



## Major activities-Public wayfinding Building demo Parking planter demo infill



# **Soil Improvement/Deep Excavation** April to May 2024



Major activities-Grading DDC Deep Excavation Deep Footings



# **Foundations/Structure** May 2024 to January 2025



Major activities-Foundations Below slab utilites Slab on Grade Structural Steel Timber

WillowAve

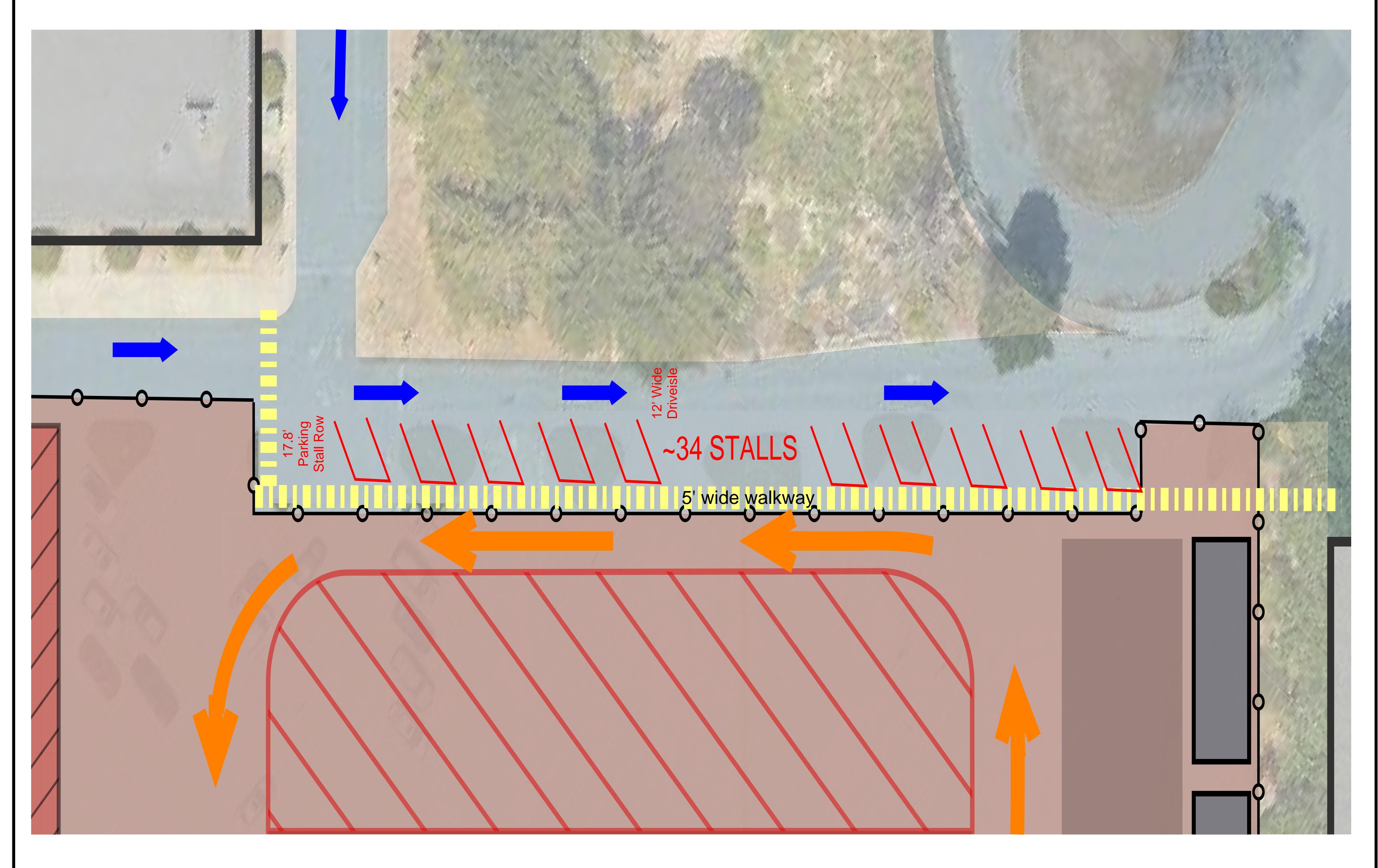
(TDASI-



PROJECT NUMBER DATE REVISIONS NO DESCRIPTION DATE

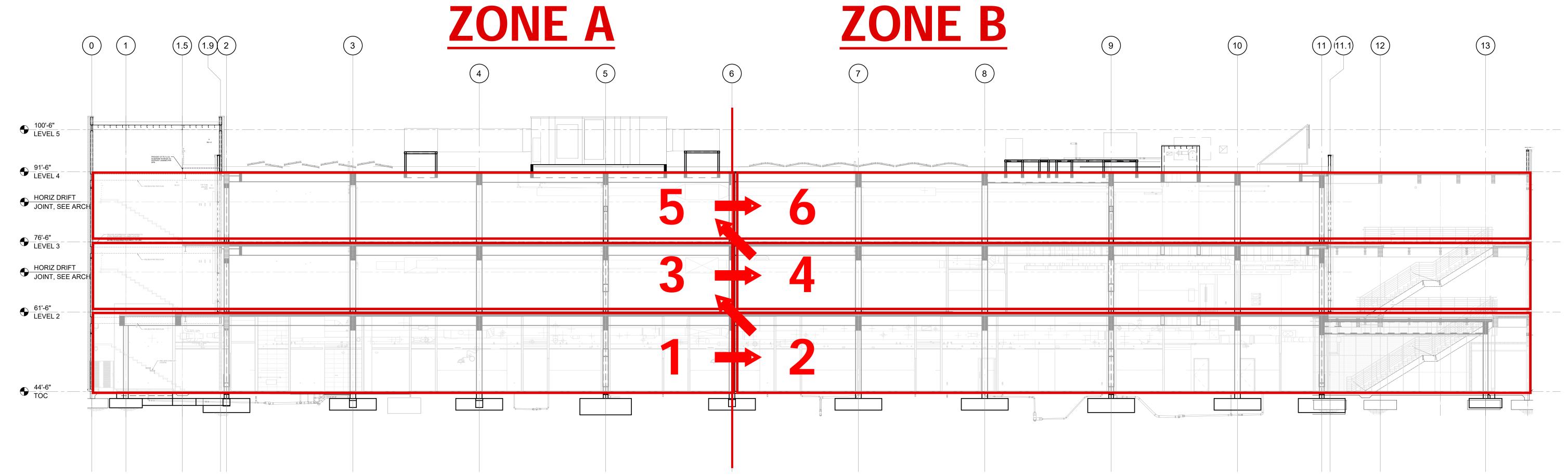
NORTH

# **Temporary Parking Plan** January 2024 to January 2025









# Work Flow

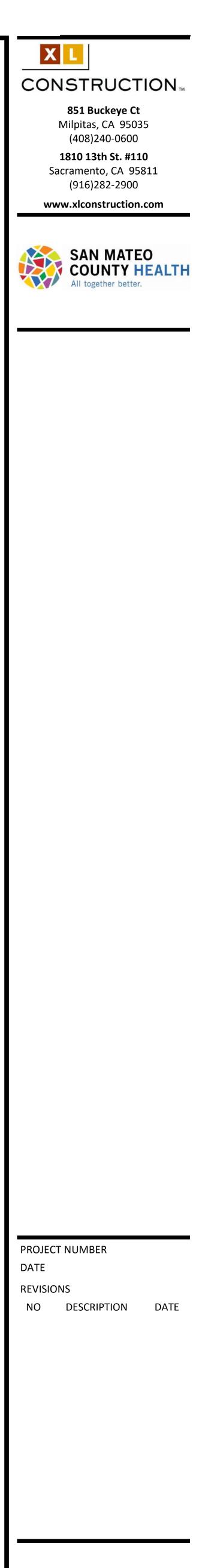
ZONE B

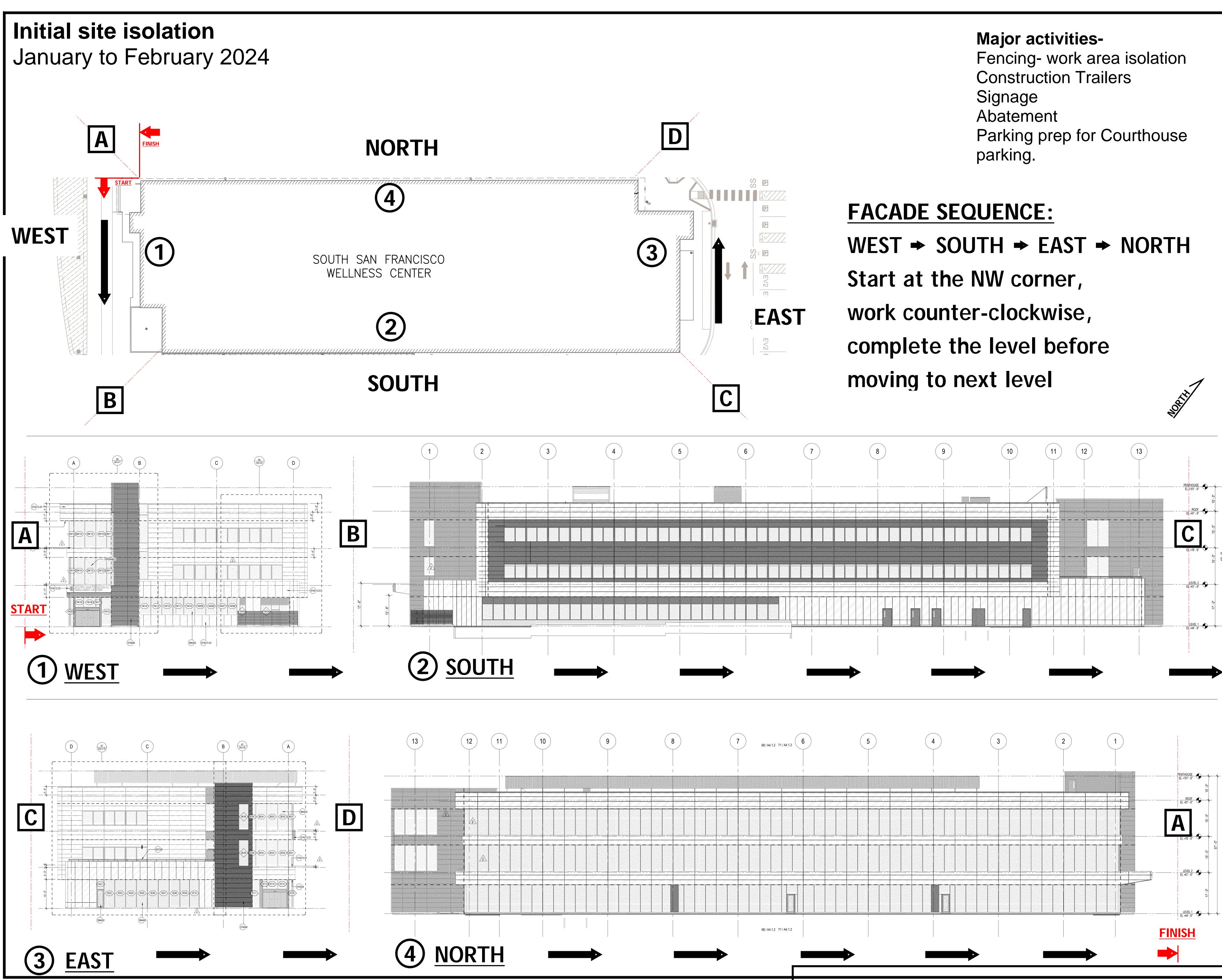
# **Major activities-**

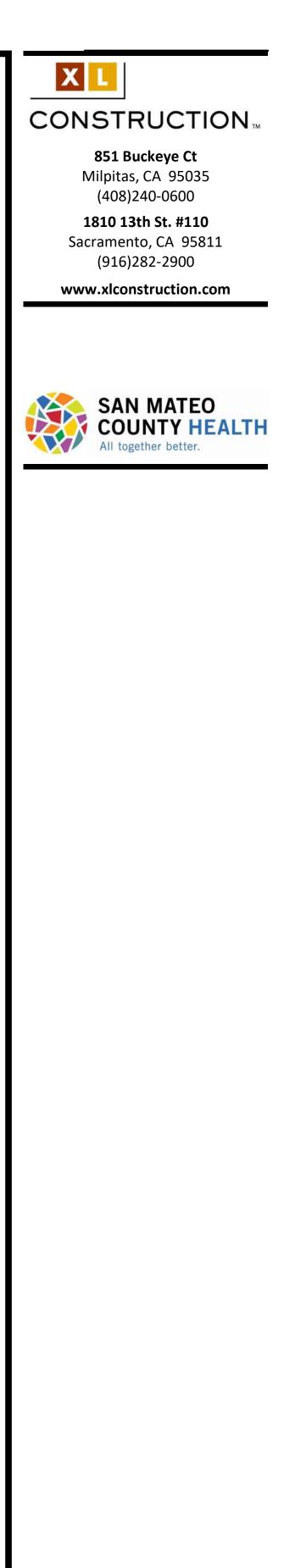
**Timber erection-**

Activities within building footprint-



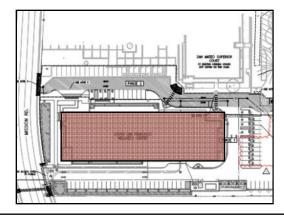






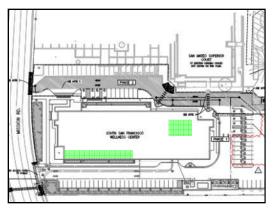
PROJECT NUMBER DATE REVISIONS NO DESCRIPTION

DATE



### Grading Contractor-

Pre-compact, level existing grade, no off haul. Pad elevation will be dependent on existing grade. Purpose of this grading phase is to prep soil at the extent of building footprint for DDC installer. Current understanding is that grade under existing building and demoed asphalt area will level out at 43'6". This activity is in our schedule as A38 with a duration of 5 days.



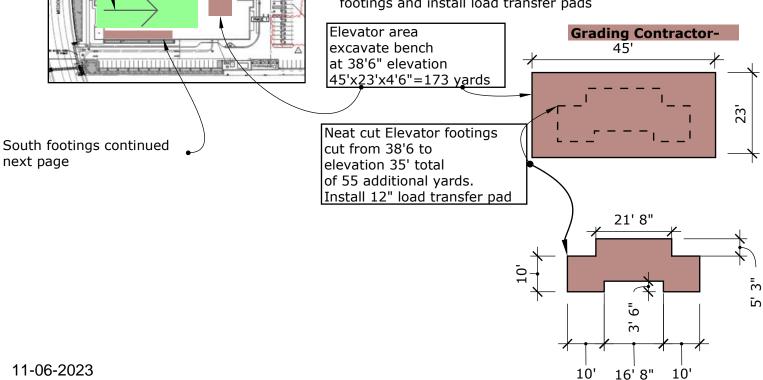
workflow west to east

### Soil Improvement Contractor

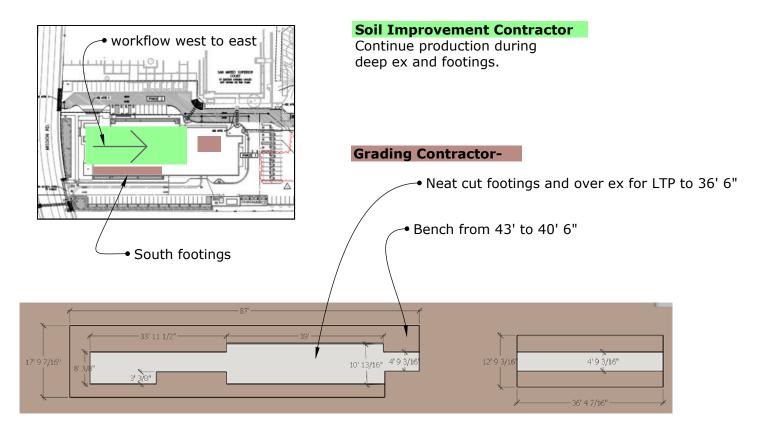
Deep DDC's are to be installed before production DDC's. Once deep DDC's are installed the drill rigs will move away from early DDC areas shown in green. To allow for deep excavations.

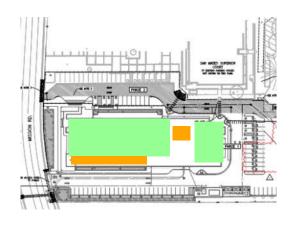
### Soil Improvement Contractor Grading Contractor-

DDC install to move away from deep DDC areas. Production DDC general workflow is to start at East and work towards west. Grading contractor will bench and excavate deep footings and install load transfer pads



Work plan for Grading, soil improvement, footings coordination- post demo



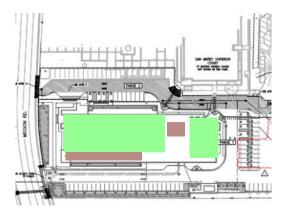


### Soil Improvement Contractor

Continue production during deep ex and footings.

### Concrete Contractor-

install deep footings



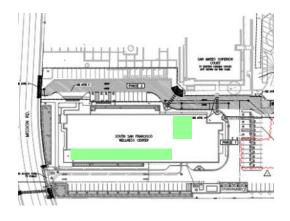
### Soil Improvement Contractor

Continue production during deep ex and footings.

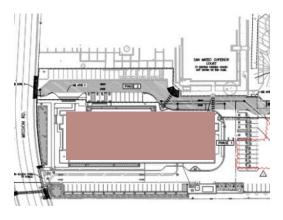
### Grading Contractor-

Backfill deep ex areas after footings, use spoils from DDC production for backfill. approx. 388 yards.

Work plan for Grading, soil improvement, footings coordination- post demo

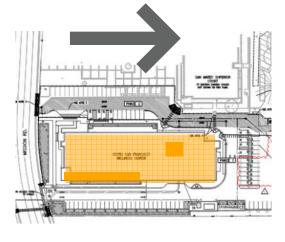


**Soil Improvement Contractor** Install sog DDC's adjacent to deep ex areas. Demob.



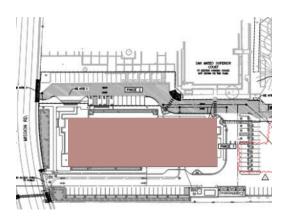
### **Grading Contractor-**

Certify pad at 43' elevation



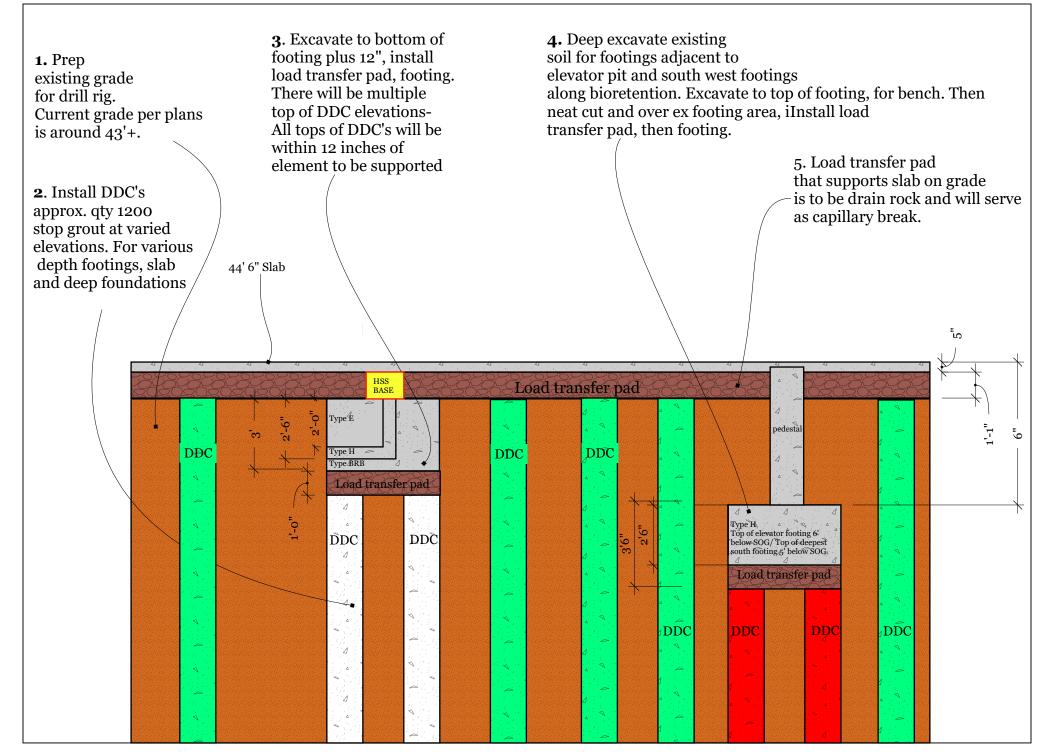
### Concrete Contractor-

Install shallow footings working from West to East. Underslab Electrical, plumbing to follow workflow. Concrete contractor to neat cut shallow footings, over ex 12" and install LTP under each footing.

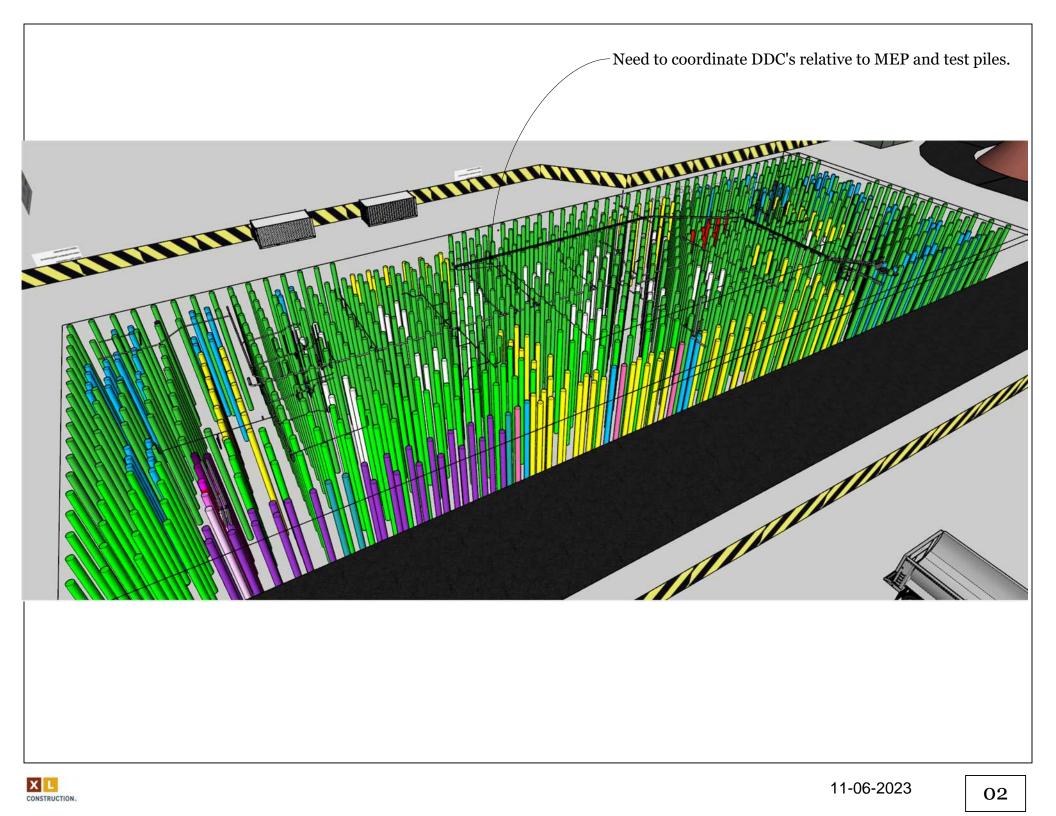


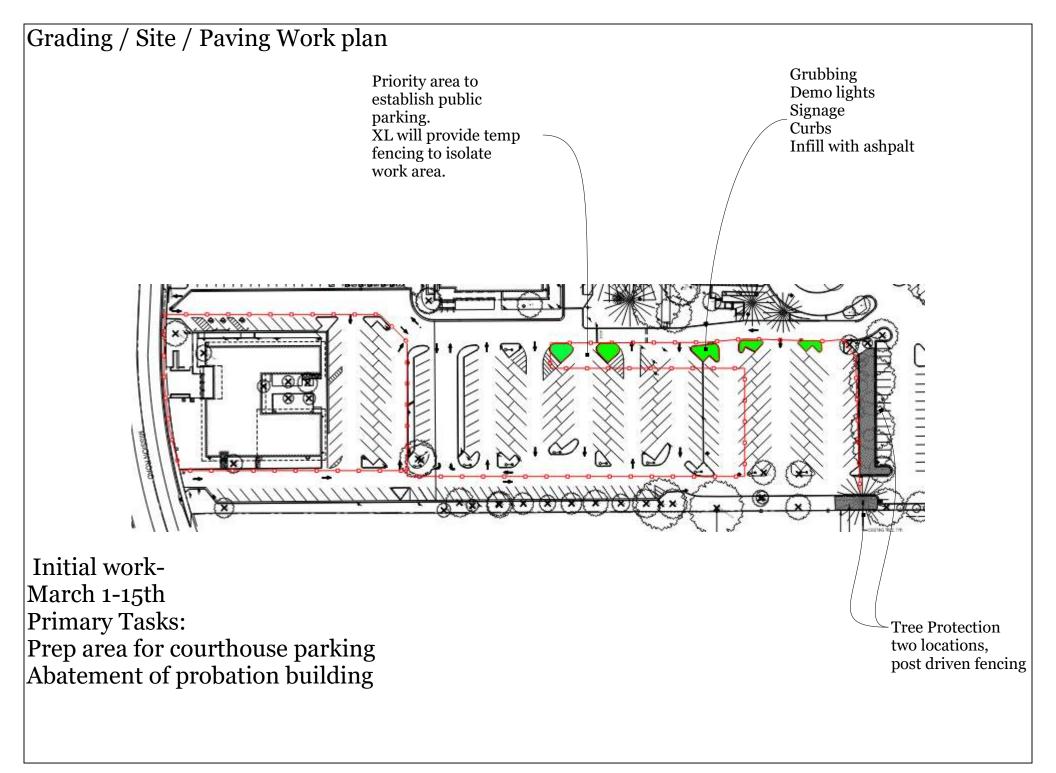
### Grading Contractor-

Install LTP and Capillary break about 13 inches of drain rock under SOG.

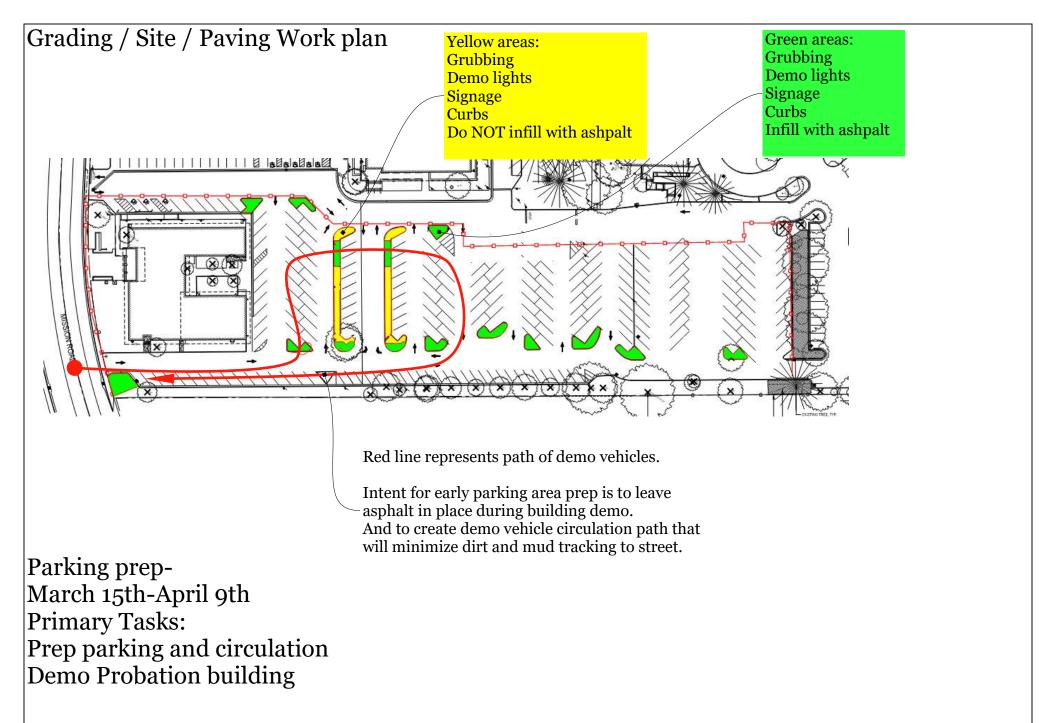




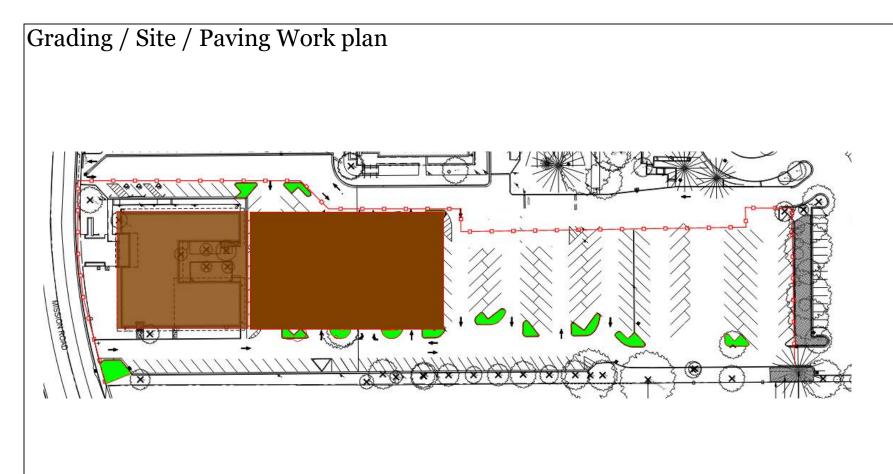






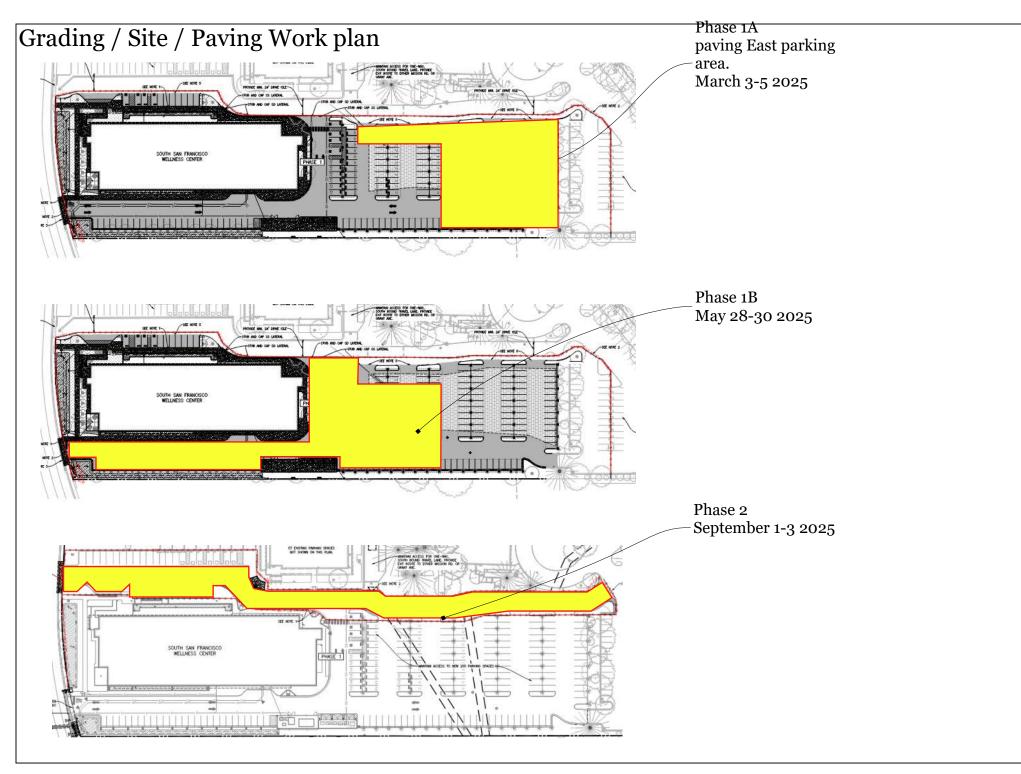






Post Demo-April 10th-23rd Primary Tasks: Demo parking area to extent of building. Grade and compact and prep building pad to 43' elevation





9 - Supporting Documents

## DRAWING LOG - County of San Mateo SSF Wellness Center

Drawing No.	Drawing Title	Drawing Date Set Name
A0.1	ARCHITECTURAL ABBREVIATIONS AND SYMBOLS	7/11/2023 07.14.23 Permit Submittal
A0.2.1	TYPICAL TOILET ROOM MOUNTING HEIGHTS CONFIGURATION DIAGRAMS	7/11/2023 07.14.23 Permit Submittal
A0.2.2	TYPICAL TOILET / BATHING ROOM MOUNTING HEIGHTS AND CONFIGURATION DIAGRAMS	7/11/2023 07.14.23 Permit Submittal
A0.3	TYPICAL MOUNTING HEIGHTS AND DIMENSIONING CONVENTIONS	7/11/2023 07.14.23 Permit Submittal
A0.4	TYPICAL RULES FOR DETERMINING MOUNTING HEIGHTS AND LOCATIONS	7/11/2023 07.14.23 Permit Submittal
A0.5	TYPICAL REFLECTED CEILING PLAN LOCATIONS AND CONFIGURATIONS	7/11/2023 07.14.23 Permit Submittal
A1.1.1	SITE ACCESSIBILITY PLAN	7/11/2023 07.14.23 Permit Submittal
A1.2.1	ARCHITECTURAL SITE PLAN - ENLARGED	7/11/2023 07.14.23 Permit Submittal
A1.3.1	EXTERIOR TRASH ENCLOSURE DETAILS	7/11/2023 07.14.23 Permit Submittal
A1.3.2	EXTERIOR TRASH ENCLOSURE DETAILS	7/11/2023 07.14.23 Permit Submittal
A1.3.3	EXTERIOR TRASH ENCLOSURE DETAILS	7/11/2023 07.14.23 Permit Submittal
A1.3.4	EXTERIOR ELECTRICAL YARD DETAILS	7/11/2023 07.14.23 Permit Submittal
A2.0.1	LEVEL 1 EDGE OF SLAB PLAN	7/11/2023 07.14.23 Permit Submittal
A2.0.2	LEVEL 2 EDGE OF SLAB PLAN	7/11/2023 07.14.23 Permit Submittal
A2.0.3	LEVEL 3 EDGE OF SLAB PLAN	7/11/2023 07.14.23 Permit Submittal
A2.0.4	ROOF EDGE OF SLAB PLAN	7/11/2023 07.14.23 Permit Submittal
A2.1.1	LEVEL 1 FLOOR PLAN OVERALL	7/11/2023 07.14.23 Permit Submittal
A2.1.1A	LEVEL 1 FLOOR PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
A2.1.1-AA	LEVEL 1 FLOOR PLAN OVERALL (ADD ALTERNATE)	7/11/2023 07.14.23 Permit Submittal
A2.1.1B	LEVEL 1 FLOOR PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
A2.1.2	LEVEL 2 FLOOR PLAN OVERALL	7/11/2023 07.14.23 Permit Submittal
A2.1.2A	LEVEL 2 FLOOR PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
A2.1.2B	LEVEL 2 FLOOR PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
A2.1.3	LEVEL 3 FLOOR PLAN OVERALL	7/11/2023 07.14.23 Permit Submittal
A2.1.3A	LEVEL 3 FLOOR PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
A2.1.3B	LEVEL 3 FLOOR PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
A2.2.1	ROOF PLAN	7/11/2023 07.14.23 Permit Submittal
A2.2.1A	ROOF PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
A2.2.1B	ROOF PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
A3.1.1	LEVEL 1 REFLECTED CEILING PLAN	7/11/2023 07.14.23 Permit Submittal
A3.1.1A	LEVEL 1 REFLECTED CEILING PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
A3.1.1B	LEVEL 1 REFLECTED CEILING PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
A3.1.2	LEVEL 2 REFLECTED CEILING PLAN	7/11/2023 07.14.23 Permit Submittal
A3.1.2A	LEVEL 2 REFLECTED CEILING PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
A3.1.2B	LEVEL 2 REFLECTED CEILING PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
A3.1.3	LEVEL 3 REFLECTED CEILING PLAN	7/11/2023 07.14.23 Permit Submittal
A3.1.3A	LEVEL 3 REFLECTED CEILING PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
A3.1.3B	LEVEL 3 REFLECTED CEILING PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
A4.0.1	EXTERIOR AXON NORTHWEST	7/11/2023 07.14.23 Permit Submittal
A4.0.2	EXTERIOR AXON SOUTHEAST	7/11/2023 07.14.23 Permit Submittal
A4.1.1	OVERALL EXTERIOR ELEVATIONS	7/11/2023 07.14.23 Permit Submittal
A4.1.2	EXTERIOR ELEVATIONS - NORTH	7/11/2023 07.14.23 Permit Submittal
A4.1.3	EXTERIOR ELEVATIONS - SOUTH	7/11/2023 07.14.23 Permit Submittal
A4.1.4	EXTERIOR ELEVATIONS - EAST & WEST	7/11/2023 07.14.23 Permit Submittal
A4.2.1	BUILDING SECTIONS	7/11/2023 07.14.23 Permit Submittal
A4.2.2	BUILDING SECTIONS	7/11/2023 07.14.23 Permit Submittal
A4.2.3	BUILDING SECTIONS	7/11/2023 07.14.23 Permit Submittal
A4.4.1	EXTERIOR ANALYTIQUE NORTHEAST	7/11/2023 07.14.23 Permit Submittal
A4.4.2	EXTERIOR ANALYTIQUE NORTH	7/11/2023 07.14.23 Permit Submittal
A4.4.3	EXTERIOR ANALYTIQUE WEST STAIR	7/11/2023 07.14.23 Permit Submittal
A4.4.4	EXTERIOR ANALYTIQUE SOUTHWEST	7/11/2023 07.14.23 Permit Submittal
A4.4.5	EXTERIOR ANALYTIQUE SOUTH	7/11/2023 07.14.23 Permit Submittal
A4.4.6	EXTERIOR ANALYTIQUE SOUTHEAST	7/11/2023 07.14.23 Permit Submittal
A4.4.7	EXTERIOR ANALYTIQUE WEST CANOPY ENTRANCE	7/11/2023 07.14.23 Permit Submittal
A4.4.8	EXTERIOR ANALYTIQUE WEST STAFF OUTDOOR	7/11/2023 07.14.23 Permit Submittal
A4.4.9	EXTERIOR ANALYTIQUE EAST STAIR	7/11/2023 07.14.23 Permit Submittal
A4.4.10	EXTERIOR ANALYTIQUE EAST	7/11/2023 07.14.23 Permit Submittal
A4.4.11	EXTERIOR ANALYTIQUE SOUTHWEST	7/11/2023 07.14.23 Permit Submittal
A5.0.1	ROOF ASSEMBLIES - LOW SLOPE	7/11/2023 07.14.23 Permit Submittal
A5.0.2	ROOFING DETAILS	7/11/2023 07.14.23 Permit Submittal
A5.0.3	ROOFING DETAILS	7/11/2023 07.14.23 Permit Submittal
A5.0.4	EXTERIOR WALL ASSEMBLIES	7/11/2023 07.14.23 Permit Submittal
	EXTERIOR DETAILS AT GRADE	7/11/2022 07 14 22 Downit Culowittel
A5.1.1		7/11/2023 07.14.23 Permit Submittal
A5.1.1 A5.1.2	EXTERIOR DETAILS AT GRADE	7/11/2023 07.14.23 Permit Submittal 7/11/2023 07.14.23 Permit Submittal

Drawing No.	. Drawing Title	Drawing Date Set Name
A5.2.2	EXTERIOR PLAN DETAILS - FIBER CEMENT SIDING	7/11/2023 07.14.23 Permit Submittal
A5.3.1	EXTERIOR SECTION DETAILS - METAL COMPOSITE MATERIAL (MCM) WALL PANEL	7/11/2023 07.14.23 Permit Submittal
A5.3.2	EXTERIOR SECTION DETAILS - METAL COMPOSITE MATERIAL (MCM) WALL PANEL	7/11/2023 07.14.23 Permit Submittal
A5.3.3	EXTERIOR SECTION DETAILS - METAL COMPOSITE MATERIAL (MCM) WALL PANEL	7/11/2023 07.14.23 Permit Submittal
A5.3.4	EXTERIOR PLAN DETAILS - METAL COMPOSITE MATERIAL (MCM) WALL PANEL	7/11/2023 07.14.23 Permit Submittal
A5.3.5	EXTERIOR CANOPY DETAILS	7/11/2023 07.14.23 Permit Submittal
A5.4.1	EXTERIOR DOOR & WINDOW SCHEDULE AND ELEVATIONS	7/11/2023 07.14.23 Permit Submittal
A5.4.2	EXTERIOR GLAZED TIMBER CURTAIN WALL DETAILS	7/11/2023 07.14.23 Permit Submittal
A5.4.3	EXTERIOR ALUMINUM CURTAIN WALL DETAILS	7/11/2023 07.14.23 Permit Submittal
A5.5.1	EXTERIOR PARAPET DETAILS	7/11/2023 07.14.23 Permit Submittal 7/11/2023 07.14.23 Permit Submittal
A5.6.1 A5.7.1	MISCELLANEOUS EXTERIOR DETAILS EXTERIOR SECTION DETAILS - MAIN TERRACE	7/11/2023 07.14.23 Permit Submittal
A5.7.1 A6.1.1	EAST STAIR PLANS AND SECTIONS	7/11/2023 07.14.23 Permit Submittal
A6.1.2	WEST STAIR PLANS AND SECTIONS	7/11/2023 07.14.23 Permit Submittal
A6.2.1	EAST STAIR DETAILS	7/11/2023 07.14.23 Permit Submittal
A6.2.2	EAST STAIR DETAILS	7/11/2023 07.14.23 Permit Submittal
A6.2.3	WEST STAIR DETAILS	7/11/2023 07.14.23 Permit Submittal
A6.2.4	WEST STAIR DETAILS	7/11/2023 07.14.23 Permit Submittal
A6.3.1	ELEVATOR PLANS AND SECTIONS	7/11/2023 07.14.23 Permit Submittal
A6.4.1	ELEVATOR DETAILS	7/11/2023 07.14.23 Permit Submittal
A6.4.2	ELEVATOR DETAILS	7/11/2023 07.14.23 Permit Submittal
A6.4.3	ELEVATOR DETAILS AND ELEVATIONS	7/11/2023 07.14.23 Permit Submittal
A7.1.0	ENLARGED SPECIALTY RCPS	7/11/2023 07.14.23 Permit Submittal
A7.1.1	ENLARGED PUBLIC & PATIENT TLTS	7/11/2023 07.14.23 Permit Submittal
A7.1.2	ENLARGED STAFF TLT & SHOWERS, HOUSEKEEPING ROOMS	7/11/2023 07.14.23 Permit Submittal
A7.2.1-AA	ADD ALTERNATE #1 - WELLNESS GARDEN PLAN AND DETAILS	7/11/2023 07.14.23 Permit Submittal
A8.1.1	INTERIOR ELEVATIONS - LEVEL 1	7/11/2023 07.14.23 Permit Submittal
A8.1.2	INTERIOR ELEVATIONS - LEVEL 1	7/11/2023 07.14.23 Permit Submittal
A8.1.3	INTERIOR ELEVATIONS - LEVEL 1	7/11/2023 07.14.23 Permit Submittal
A8.1.4	INTERIOR ELEVATIONS - LEVEL 1	7/11/2023 07.14.23 Permit Submittal
A8.1.5	INTERIOR ELEVATIONS - LEVEL 1	7/11/2023 07.14.23 Permit Submittal
A8.1.6	INTERIOR ELEVATIONS - LEVEL 2	7/11/2023 07.14.23 Permit Submittal
A9.0.0	INTERIOR 3D VIEWS & RENDERINGS	7/11/2023 07.14.23 Permit Submittal
A9.1.1	INTERIOR FINISH LEGEND	7/11/2023 07.14.23 Permit Submittal
A9.1.2	INTERIOR FINISH LEGEND	7/11/2023 07.14.23 Permit Submittal
A9.1.3	TYPICAL INTERIOR FINISH DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.1.4	CUSTOM INTERIOR FINISH DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.1.5	CUSTOM INTERIOR FINISH DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.2.1	PARTITION SYSTEMS	7/11/2023 07.14.23 Permit Submittal
A9.2.2	PARTITION SYSTEMS DETAILS - FRAMING	7/11/2023 07.14.23 Permit Submittal
A9.2.3	PARTITION SYSTEMS DETAILS - HEAD & SILL	7/11/2023 07.14.23 Permit Submittal
A9.2.4	PARTITION SYSTEMS DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.2.5	PENETRATION DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.2.6	OPERABLE PARTITION DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.2.7	FIXED PARTITION DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.3.1 A9.3.2	INTERIOR OPENING SCHEDULE	7/11/2023 07.14.23 Permit Submittal 7/11/2023 07.14.23 Permit Submittal
A9.3.2 A9.3.3	DOOR / FRAME & STOREFRONT ELEVATION DOOR AND FRAME DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.3.3 A9.3.4	FRAME AND OPENING DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.3.4 A9.3.5	GLAZING DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.3.5 A9.3.6	GLAZING DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.3.8 A9.4.1	TYPICAL CEILING DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.4.1 A9.4.2	TYPICAL CEILING DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.4.2	CUSTOM CEILING DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.6.1	MODULAR CASEWORK SCHEDULE AND DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.6.2	MODULAR CASEWORK DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.7.1	CUSTOM CASEWORK DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.7.2	CUSTOM CASEWORK DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.9.1	MISCELLANEOUS INTERIOR DETAILS	7/11/2023 07.14.23 Permit Submittal
A9.9.2	MISCELLANEOUS INTERIOR DETAILS	7/11/2023 07.14.23 Permit Submittal
AF2.1.1A	LEVEL 1 FINISH PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
AF2.1.1B	LEVEL 1 FINISH PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
AF2.1.2A	LEVEL 2 FINISH PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
AF2.1.2B	LEVEL 2 FINISH PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
AF2.1.3A	LEVEL 3 FINISH PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal
AF2.1.3B	LEVEL 3 FINISH PLAN ENLARGED - AREA B	7/11/2023 07.14.23 Permit Submittal
AI1.1.1	FURNITURE SCHEDULE	7/11/2023 07.14.23 Permit Submittal
AI2.1.1A	LEVEL 1 FURNITURE PLAN ENLARGED - AREA A	7/11/2023 07.14.23 Permit Submittal

Drawing No	Drawing Title	Drawing Date	Set Name
AI2.1.2A	LEVEL 2 FURNITURE PLAN ENLARGED - AREA A		07.14.23 Permit Submittal
AI2.1.2B	LEVEL 2 FURNITURE PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
AQ1.1.1	MEDICAL EQUIPMENT SCHEDULE	7/11/2023	07.14.23 Permit Submittal
AQ1.1.2	MEDICAL EQUIPMENT SCHEDULE	7/11/2023	07.14.23 Permit Submittal
AQ2.1.1A	LEVEL 1 MEDICAL EQUIPMENT ENLARGED PLAN - ZONE A	7/11/2023	07.14.23 Permit Submittal
AQ2.1.1B	LEVEL 1 MEDICAL EQUIPMENT ENLARGED PLAN - ZONE B		07.14.23 Permit Submittal
AQ2.1.2B	LEVEL 2 SPECIALTY EQUIPMENT ENLARGED PLAN - ZONE B		07.14.23 Permit Submittal
C0.1	TITLE SHEET & SHEET INDEX		07.14.23 Permit Submittal
C0.2	GENERAL NOTES		07.14.23 Permit Submittal
C0.3	GENERAL NOTES		07.14.23 Permit Submittal
C0.4	BEST MANAGEMENT PRACTICES		07.14.23 Permit Submittal
C0.5	FIRE ACCESS PLAN		07.14.23 Permit Submittal
C0.6	PHASING PLAN - PHASE 1		07.14.23 Permit Submittal
C0.7	PHASING PLAN - PHASE 2		07.14.23 Permit Submittal
C1.1 C1.2	EXISTING CONDITIONS EXISTING CONDITIONS		07.14.23 Permit Submittal 07.14.23 Permit Submittal
C1.2 C1.3	EXISTING CONDITIONS		07.14.23 Permit Submittal
C1.5 C2.1	DEMOLITION PLAN		07.14.23 Permit Submittal
C2.1 C2.2	DEMOLITION PLAN		07.14.23 Permit Submittal
C2.2 C2.3	DEMOLITION PLAN		07.14.23 Permit Submittal
C2.5 C3.1	EROSION CONTROL PLAN		07.14.23 Permit Submittal
C3.2	EROSION CONTROL PLAN		07.14.23 Permit Submittal
C3.2 C3.3	EROSION CONTROL PLAN		07.14.23 Permit Submittal
C3.4	EROSION CONTROL PLAN EROSION CONTROL NOTES & DETAILS		07.14.23 Permit Submittal
C4.1	HORIZONTAL CONTROL PLAN		07.14.23 Permit Submittal
C4.2	HORIZONTAL CONTROL PLAN		07.14.23 Permit Submittal
C4.2	HORIZONTAL CONTROL PLAN		07.14.23 Permit Submittal
C5.1	LAYOUT & PAVING PLAN		07.14.23 Permit Submittal
C5.2	LAYOUT & PAVING PLAN		07.14.23 Permit Submittal
C5.3	LAYOUT & PAVING PLAN		07.14.23 Permit Submittal
C6.1	GRADING PLAN		07.14.23 Permit Submittal
C6.2	GRADING PLAN		07.14.23 Permit Submittal
C6.3	GRADING PLAN		07.14.23 Permit Submittal
C7.1	UTILITY PLAN		07.14.23 Permit Submittal
C7.2	UTILITY PLAN	7/11/2023	07.14.23 Permit Submittal
C7.3	UTILITY PLAN	7/11/2023	07.14.23 Permit Submittal
C7.4	STORM DRAIN PROFILES	7/11/2023	07.14.23 Permit Submittal
C7.5	STORM DRAIN PROFILES	7/11/2023	07.14.23 Permit Submittal
C7.6	SANITARY SEWER PROFILES	7/11/2023	07.14.23 Permit Submittal
C8.1	STORMWATER CONTROL PLAN	7/11/2023	07.14.23 Permit Submittal
C9.1	DETAILS		07.14.23 Permit Submittal
C9.2	DETAILS		07.14.23 Permit Submittal
C9.3	DETAILS		07.14.23 Permit Submittal
C9.4	DETAILS		07.14.23 Permit Submittal
C9.5	DETAILS		07.14.23 Permit Submittal
E0.1	ELECTRICAL ABBREVIATIONS AND SYMBOLS		07.14.23 Permit Submittal
E0.2	ELECTRICAL SCHEDULES		07.14.23 Permit Submittal
E0.3	ELECTRICAL POWER DISTRIBUTION COMPLIANCE FORMS		07.14.23 Permit Submittal
E0.4	ELECTRICAL OUTDOOR LIGHTING COMPLIANCE FORMS		07.14.23 Permit Submittal
E0.5	ELECTRICAL OUTDOOR LIGHTING COMPLIANCE FORMS		07.14.23 Permit Submittal
E0.6	ELECTRICAL INDOOR LIGHTING COMPLIANCE FORMS		07.14.23 Permit Submittal
E0.7	ELECTRICAL INDOOR LIGHTING COMPLIANCE FORMS		07.14.23 Permit Submittal
E0.8	ELECTRICAL INDOOR LIGHTING COMPLIANCE FORMS		07.14.23 Permit Submittal
E0.9	ELECTRICAL SIGN LIGHTING COMPLIANCE FORMS		07.14.23 Permit Submittal 07.14.23 Permit Submittal
E1.0 E1.1	ELECTRICAL SITE PLANS SITE PHOTOMETRICS		
E1.1 E2.1	LEVEL 1 GROUNDING AND UNDERGROUND CONDUIT PLAN		07.14.23 Permit Submittal 07.14.23 Permit Submittal
E2.1 E2.1.A	LEVEL 1 GROUNDING AND UNDERGROUND CONDUCT PLAN		07.14.23 Permit Submittal
E2.1.A E2.1.B	LEVEL 1 POWER PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
E2.2.A	LEVEL 2 POWER PLAN ENLARGED - AREA A		07.14.23 Permit Submittal
E2.2.B	LEVEL 2 POWER PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
E2.3.A	LEVEL 3 POWER PLAN ENLARGED - AREA A		07.14.23 Permit Submittal
E2.3.B	LEVEL 3 POWER PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
E2.4.A	ROOF POWER PLAN ENLARGED - AREA A		07.14.23 Permit Submittal
-	ROOF POWER PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
E2.4.B		, , :==	
E2.4.B E3.1.0	LEVEL 1 EMERGENCY LIGHTING PHOTOMETRICS	7/11/2023	07.14.23 Permit Submittal
	LEVEL 1 EMERGENCY LIGHTING PHOTOMETRICS LEVEL 1 LIGHTING PLAN ENLARGED - AREA A		07.14.23 Permit Submittal 07.14.23 Permit Submittal
E3.1.0		7/11/2023	

Drawing No.	Drawing Title	Drawing Date	Set Name
E3.2.A	LEVEL 2 LIGHTING PLAN ENLARGED - AREA A		07.14.23 Permit Submittal
E3.2.B	LEVEL 2 LIGHTING PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
E3.3.0	LEVEL 3 EMERGENCY LIGHTING PHOTOMETRICS	7/11/2023	07.14.23 Permit Submittal
E3.3.A	LEVEL 3 LIGHTING PLAN ENLARGED - AREA A	7/11/2023	07.14.23 Permit Submittal
E3.3.B	LEVEL 3 LIGHTING PLAN ENLARGED - AREA B	7/11/2023	07.14.23 Permit Submittal
E3.4.A	ROOF LIGHTING PLAN ENLARGED - AREA A	7/11/2023	07.14.23 Permit Submittal
E4.1.A	LEVEL 1 SPECIAL SYSTEMS PLAN ENLARGED - AREA A	7/11/2023	07.14.23 Permit Submittal
E4.1.B	LEVEL 1 SPECIAL SYSTEMS PLAN ENLARGED - AREA B	· · ·	07.14.23 Permit Submittal
E4.2.A	LEVEL 2 SPECIAL SYSTEMS PLAN ENLARGED - AREA A	7/11/2023	07.14.23 Permit Submittal
E4.2.B	LEVEL 2 SPECIAL SYSTEMS PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
E4.3.A	LEVEL 3 SPECIAL SYSTEMS PLAN ENLARGED - AREA A		07.14.23 Permit Submittal
E4.3.B	LEVEL 3 SPECIAL SYSTEMS PLAN ENLARGED - AREA B		07.14.23 Permit Submittal
E4.4.A	ROOF SPECIAL SYSTEMS PLAN ENLARGED - AREA A		07.14.23 Permit Submittal
E5	ELECTRICAL DIAGRAMS		07.14.23 Permit Submittal
E6.1	ELECTRICAL DETAILS		07.14.23 Permit Submittal
E6.2	ELECTRICAL DETAILS		07.14.23 Permit Submittal
E6.3	ELECTRICAL DETAILS		07.14.23 Permit Submittal
E6.4	ELECTRICAL DETAILS		07.14.23 Permit Submittal
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E7.3	PANELBOARD SCHEDULES	· · ·	07.14.23 Permit Submittal
E7.4	PANELBOARD SCHEDULES		07.14.23 Permit Submittal
E7.5	PANELBOARD SCHEDULES PANELBOARD SCHEDULES	· · ·	07.14.23 Permit Submittal 07.14.23 Permit Submittal
E7.6 E7.7	PANELBOARD SCHEDULES PANELBOARD SCHEDULES		07.14.23 Permit Submittal
E7.7	PANELBOARD SCHEDULES		07.14.23 Permit Submittal
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FP2.2	SECOND LEVEL FIRE SUPPRESSION PLAN		07.14.23 Permit Submittal
FP2.3	THIRD LEVEL FIRE SUPPRESSION PLAN		07.14.23 Permit Submittal
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L0-1 L0-2	TREE PROTECTION PLAN		07.14.23 Permit Submittal
L100	OVERALL LAYOUT AND MATERIALS PLAN		07.14.23 Permit Submittal
L100	LAYOUT AND MATERIALS PLAN		07.14.23 Permit Submittal
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L400	SITE SECTIONS	7/11/2023	07.14.23 Permit Submittal
L401	SITE SECTIONS	7/11/2023	07.14.23 Permit Submittal
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L501	SITE DETAILS	7/11/2023	07.14.23 Permit Submittal
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L602	PLANTING PLAN		07.14.23 Permit Submittal
L603	PLANTING PLAN		07.14.23 Permit Submittal
L700	PLANTING ENLARGEMENT PLAN - AREA 1		07.14.23 Permit Submittal
L701	PLANTING ENLARGEMENT PLAN - AREA 2		07.14.23 Permit Submittal
L800	PLANTING DETAILS		07.14.23 Permit Submittal
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M0.5	MECHANICAL TITLE 24 MECHANICAL TITLE 24		07.14.23 Permit Submittal
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M2.3.A	THIRD LEVEL HVAC PLAN AREA A		07.14.23 Permit Submittal
M2.3.B	THIRD LEVEL HVAC PLAN AREA B	7/11/2023	07.14.23 Permit Submittal
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P5.1.4	PLUMBING DIAGRAMS - DOMESTIC WATER	//11/2023	07.14.25 Fermit Submitta
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P5.1.4		7/11/2023	07.14.23 Permit Submittal 07.14.23 Permit Submittal 07.14.23 Permit Submittal

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WF.02	Site Exterior Wayfinding Location Plan		07.14.23 Permit Submittal
WF.03	Exterior Signage Visual Hierarchy	7/11/2023	07.14.23 Permit Submittal
WF.04	Exterior Signage Construction Drawings	7/11/2023	07.14.23 Permit Submittal
WF.05	Exterior Signage Construction Drawings	7/11/2023	07.14.23 Permit Submittal
WF.06	Exterior Signage Construction Drawings	7/11/2023	07.14.23 Permit Submittal
WF.07	Sign Summary & Copy list	7/11/2023	07.14.23 Permit Submittal
WF.08	Copy list		07.14.23 Permit Submittal
WF.09	Copy list		07.14.23 Permit Submittal
WF.10	Copy list		07.14.23 Permit Submittal
WF.11	Copy list		07.14.23 Permit Submittal
WF.12	Copy list		07.14.23 Permit Submittal
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WF.16 WF.17	Floor 1 SLP Identification Floor 1 SLP Informational		07.14.23 Permit Submittal 07.14.23 Permit Submittal
WF.17 WF.18	Floor 1 SLP Informational Floor 1, & WELLNESS GARDEN SLP Regulatory		07.14.23 Permit Submittal
WF.18 WF.19	Floor 2 SLP Wayfinding		07.14.23 Permit Submittal
WF.19 WF.20	Floor 2 SLP waying Floor 2 SLP identification		07.14.23 Permit Submittal
WF.20 WF.21	Floor 2 SLP identification Floor 2 SLP Informational		07.14.23 Permit Submittal
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WF.23	Floor 3 SLP Waying		07.14.23 Permit Submittal
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WF.27	Roof SLP Regulatory		07.14.23 Permit Submittal
WF.28	Signage Visual Hierarchy - Interior		07.14.23 Permit Submittal
WF.29	Signage Visual Hierarchy - Interior		07.14.23 Permit Submittal
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S4.3.2	BRBF DETAILS	7/11/2023	07.14.23 Permit Submittal
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\$5.6.1	EXTERIOR DETAILS		07.14.23 Permit Submittal
\$5.6.2	EXTERIOR DETAILS		07.14.23 Permit Submittal
\$5.7.1	EQUIPMENT ANCHORAGE	7/11/2023	07.14.23 Permit Submittal
\$5.7.2	EQUIPMENT ANCHORAGE	7/11/2023	07.14.23 Permit Submittal
\$6.1.1	TYPICAL METAL STUD EXTERIOR DETAILS	7/11/2023	07.14.23 Permit Submittal
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S6.1.3	TYPICAL METAL STUD COMMON DETAILS	7/11/2023	07.14.23 Permit Submittal
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\$7.1.1	EAST STAIR FRAMING PLANS		07.14.23 Permit Submittal
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\$7.1.3	EAST STAIR DETAILS & SECTIONS		07.14.23 Permit Submittal
\$7.3.1	ELEVATOR PLANS		07.14.23 Permit Submittal
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T2.1.1B	TECHNOLOGY LEVEL 1 FLOOR PLAN ENLARGED - AREA B	7/11/2023	07.14.23 Permit Submittal
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T2.2.1	TECHNOLOGY ROOF PLAN - OVERALL	7/11/2023	07.14.23 Permit Submittal

## SPECIFICATION LOG - County of San Mateo SSF Wellness Center

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	DEMOLITION		7/14/23 SPEC PERMIT SUBMITTAL
	SITE CAST-IN-PLACE CONCRETE		7/14/23 SPEC PERMIT SUBMITTAL
	CONCRETE PAVING FINISHES		7/14/23 SPEC PERMIT SUBMITTAL
	REINFORCING STEEL		7/14/23 SPEC PERMIT SUBMITTAL
	CAST-IN-PLACE CONCRETE		7/14/23 SPEC PERMIT SUBMITTAL
	SEALED CONCRETE FINISHING		7/14/23 SPEC PERMIT SUBMITTAL
-	CONCRETE UNIT MASONRY		7/14/23 SPEC PERMIT SUBMITTAL
	BUCKLING-RESTRAINED BRACES		7/14/23 SPEC PERMIT SUBMITTAL
	METAL DECKING		7/14/23 SPEC PERMIT SUBMITTAL
	COLD-FORMED METAL FRAMING		7/14/23 SPEC PERMIT SUBMITTAL
	METAL FABRICATIONS		7/14/23 SPEC PERMIT SUBMITTAL
	METAL STAIRS		7/14/23 SPEC PERMIT SUBMITTAL
	PIPE AND TUBE RAILINGS		7/14/23 SPEC PERMIT SUBMITTAL
	DECORATIVE METAL RAILINGS		7/14/23 SPEC PERMIT SUBMITTAL
	DECORATIVE FORMED METAL		7/14/23 SPEC PERMIT SUBMITTAL
	ROUGH CARPENTRY		7/14/23 SPEC PERMIT SUBMITTAL
-	CROSS LAMINATED TIMBER PANELS		7/14/23 SPEC PERMIT SUBMITTAL
-	SHEATHING		7/14/23 SPEC PERMIT SUBMITTAL
	GLUED LAMINATED CONSTRUCTION		7/14/23 SPEC PERMIT SUBMITTAL
	INTERIOR FINISH CARPENTRY		7/14/23 SPEC PERMIT SUBMITTAL
	WOOD-VENEER-FACED ARCHITECTURAL CABINETS		7/14/23 SPEC PERMIT SUBMITTAL
-	PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS		7/14/23 SPEC PERMIT SUBMITTAL
	FLUSH WOOD PANELING		7/14/23 SPEC PERMIT SUBMITTAL
	BITUMINOUS DAMPPROOFING		7/14/23 SPEC PERMIT SUBMITTAL
	SHEET WATERPROOFING		7/14/23 SPEC PERMIT SUBMITTAL
	COLD LIQUID APPLIED WATERPROOFING SYSTEM		7/14/23 SPEC PERMIT SUBMITTAL
	THERMAL INSULATION		7/14/23 SPEC PERMIT SUBMITTAL
	FLUID-APPLIED MEMBRANE AIR BARRIERS		7/14/23 SPEC PERMIT SUBMITTAL
	Metal Wall Panels		7/14/23 SPEC PERMIT SUBMITTAL
	LAMINATE COMPOSITE PANEL SYSTEM		7/14/23 SPEC PERMIT SUBMITTAL
	FIBER-CEMENT SIDING		7/14/23 SPEC PERMIT SUBMITTAL
	POLYVINYL-CHLORIDE (PVC) ROOFING		7/14/23 SPEC PERMIT SUBMITTAL
	SHEET METAL FLASHING AND TRIM		7/14/23 SPEC PERMIT SUBMITTAL
07 7200	ROOF ACCESSORIES		7/14/23 SPEC PERMIT SUBMITTAL
	INTUMESCENT FIREPROOFING		7/14/23 SPEC PERMIT SUBMITTAL
07 8413	PENETRATION FIRESTOPPING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
07 8443	JOINT FIRESTOPPING		7/14/23 SPEC PERMIT SUBMITTAL
-	JOINT SEALANTS		7/14/23 SPEC PERMIT SUBMITTAL
	ACOUSTICAL JOINT SEALANTS		7/14/23 SPEC PERMIT SUBMITTAL
08 1113	HOLLOW METAL DOORS AND FRAMES		7/14/23 SPEC PERMIT SUBMITTAL
08 1216	INTERIOR ALUMINUM DOOR FRAMES		7/14/23 SPEC PERMIT SUBMITTAL
08 1219	Stainless-Steel Frames		7/14/23 SPEC PERMIT SUBMITTAL
08 1316	Aluminum Doors	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
08 1416	FLUSH WOOD DOORS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
08 3113	ACCESS DOORS AND FRAMES	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
08 3343	OVERHEAD COILING SMOKE CURTAINS		7/14/23 SPEC PERMIT SUBMITTAL
08 3473	Sound Control Door Assemblies	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
	Single-Panel Doors	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
	All-Glass Entrances and Storefronts	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
08 4229	Automatic Entrances	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
	GLAZED ALUMINUM CURTAIN WALLS	= /11/2000	7/14/23 SPEC PERMIT SUBMITTAL

Number	Description	Issued Date	Sat
-	GLAZED TIMBER CURTAIN WALLS		7/14/23 SPEC PERMIT SUBMITTAL
	DOOR HARDWARE		7/14/23 SPEC PERMIT SUBMITTAL
	GLAZING		7/14/23 SPEC PERMIT SUBMITTAL
	DECORATIVE GLASS GLAZING		7/14/23 SPEC PERMIT SUBMITTAL
	FIRE-RESISTANT GLAZING AND FRAMING		7/14/23 SPEC PERMIT SUBMITTAL
	Gypsum Board Assemblies		7/14/23 SPEC PERMIT SUBMITTAL
	NON-STRUCTURAL METAL FRAMING		7/14/23 SPEC PERMIT SUBMITTAL
	GYPSUM BOARD		7/14/23 SPEC PERMIT SUBMITTAL
09 3013			7/14/23 SPEC PERMIT SUBMITTAL
	SUSPENDED CEILINGS		7/14/23 SPEC PERMIT SUBMITTAL
	RESILIENT BASE AND ACCESSORIES		7/14/23 SPEC PERMIT SUBMITTAL
	RESILIENT SHEET FLOORING		7/14/23 SPEC PERMIT SUBMITTAL
	LINOLEUM FLOORING		7/14/23 SPEC PERMIT SUBMITTAL
	TILE CARPETING		7/14/23 SPEC PERMIT SUBMITTAL
09 6900	ACCESS FLOORING		7/14/23 SPEC PERMIT SUBMITTAL
09 7723	FABRIC-WRAPPED PANELS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
09 8100	ACOUSTICAL INSULATION	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
09 9113	EXTERIOR PAINTING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
09 9123	INTERIOR PAINTING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
09 9300	STAINING AND TRANSPARENT FINISHING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
09 9600	HIGH-PERFORMANCE COATINGS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
10 1100	VISUAL DISPLAY UNITS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
10 1400	SIGNAGE AND WAYFINDING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
10 2113	Toilet Compartments	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
-	CUBICLE CURTAINS AND TRACK	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
10 2239	FOLDING PANEL PARTITIONS		7/14/23 SPEC PERMIT SUBMITTAL
	WALL AND DOOR PROTECTION		7/14/23 SPEC PERMIT SUBMITTAL
	TOILET AND BATH ACCESSORIES		7/14/23 SPEC PERMIT SUBMITTAL
	FIRE PROTECTION CABINETS		7/14/23 SPEC PERMIT SUBMITTAL
	FIRE EXTINGUISHERS		7/14/23 SPEC PERMIT SUBMITTAL
	PHENOLIC-CORE LOCKERS		7/14/23 SPEC PERMIT SUBMITTAL
	BIRD CONTROL DEVICES		7/14/23 SPEC PERMIT SUBMITTAL
	ROOF SCREENS		7/14/23 SPEC PERMIT SUBMITTAL
	FACILITY FALL PROTECTION		7/14/23 SPEC PERMIT SUBMITTAL
	Healthcare Equipment		7/14/23 SPEC PERMIT SUBMITTAL
	ROLLER WINDOW SHADES		7/14/23 SPEC PERMIT SUBMITTAL
	MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK		7/14/23 SPEC PERMIT SUBMITTAL
			7/14/23 SPEC PERMIT SUBMITTAL
	Simulated Stone Countertops		
	ENTRANCE FLOOR GRILLES		7/14/23 SPEC PERMIT SUBMITTAL
	BIKE STORAGE SYSTEM		7/14/23 SPEC PERMIT SUBMITTAL
	RADIATION PROTECTION		7/14/23 SPEC PERMIT SUBMITTAL
-	Electric Traction Passenger Elevators		7/14/23 SPEC PERMIT SUBMITTAL
	FIRE-SUPPRESSION STANDPIPES		7/14/23 SPEC PERMIT SUBMITTAL
	WET-PIPE SPRINKLER SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT		7/14/23 SPEC PERMIT SUBMITTAL
	EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING		7/14/23 SPEC PERMIT SUBMITTAL
	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING		7/14/23 SPEC PERMIT SUBMITTAL
	ESCUTCHEONS FOR PLUMBING PIPING		7/14/23 SPEC PERMIT SUBMITTAL
	METERS AND GAGES FOR PLUMBING PIPING		7/14/23 SPEC PERMIT SUBMITTAL
	General-Duty Valves for Plumbing Piping	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
22 0529	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
22 0548	VIBRATION AND SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
22 0553	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
22 0716	PLUMBING EQUIPMENT INSULATION	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
22 0719	PLUMBING PIPING INSULATION	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
22 0800	COMMISSIONING OF PLUMBING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
22 1116	DOMESTIC WATER PIPING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
	DOMESTIC WATER PIPING SPECIALTIES		7/14/23 SPEC PERMIT SUBMITTAL
	DOMESTIC WATER PUMPS		7/14/23 SPEC PERMIT SUBMITTAL
	FACILITY ELEVATED, POTABLE-WATER STORAGE TANKS		7/14/23 SPEC PERMIT SUBMITTAL
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	Description	Issued Date	
	SANITARY WASTE AND VENT PIPING		7/14/23 SPEC PERMIT SUBMITTAL
	PLUMBING PIPING		7/14/23 SPEC PERMIT SUBMITTAL
-	SANITARY WASTE PIPING SPECIALTIES		7/14/23 SPEC PERMIT SUBMITTAL
	FACILITY STORM DRAINAGE PIPING		7/14/23 SPEC PERMIT SUBMITTAL
-			7/14/23 SPEC PERMIT SUBMITTAL
-	ELECTRIC, DOMESTIC-WATER HEATERS		7/14/23 SPEC PERMIT SUBMITTAL
	Commercial Water Closets, Urinals, and Bidets		7/14/23 SPEC PERMIT SUBMITTAL
	Commercial Lavatories and Sinks		7/14/23 SPEC PERMIT SUBMITTAL
	COMMERCIAL SHOWERS		7/14/23 SPEC PERMIT SUBMITTAL
	EMERGENCY PLUMBING FIXTURES		7/14/23 SPEC PERMIT SUBMITTAL
	DRINKING FOUNTAINS		7/14/23 SPEC PERMIT SUBMITTAL
-	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT		7/14/23 SPEC PERMIT SUBMITTAL
	EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING		7/14/23 SPEC PERMIT SUBMITTAL
	SLEEVES AND SLEEVE SEALS FOR HVAC PIPING		7/14/23 SPEC PERMIT SUBMITTAL
23 0518	ESCUTCHEONS FOR HVAC PIPING		7/14/23 SPEC PERMIT SUBMITTAL
23 0519	METERS AND GAGES FOR HVAC PIPING		7/14/23 SPEC PERMIT SUBMITTAL
23 0523	General-Duty Valves for HVAC Piping	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
-	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT		7/14/23 SPEC PERMIT SUBMITTAL
-	VIBRATION AND SEISMIC CONTROLS FOR HVAC	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 0553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 0593	TESTING, ADJUSTING, AND BALANCING FOR HVAC	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 0713	DUCT INSULATION	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 0716	HVAC EQUIPMENT INSULATION	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 0719	HVAC PIPING INSULATION	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 0800	COMMISSIONING OF HVAC	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 0900	INSTRUMENTATION AND CONTROL FOR HVAC	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 2113	HYDRONIC PIPING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 2116	HYDRONIC PIPING SPECIALTIES		7/14/23 SPEC PERMIT SUBMITTAL
23 2123	HYDRONIC PUMPS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
23 2300	REFRIGERANT PIPING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
	WATER TREATMENT FOR CLOSED-LOOP HYDRONIC SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	METAL DUCTS		7/14/23 SPEC PERMIT SUBMITTAL
	AIR DUCT ACCESSORIES		7/14/23 SPEC PERMIT SUBMITTAL
	CENTRIFUGAL HVAC FANS		7/14/23 SPEC PERMIT SUBMITTAL
	AIR TERMINAL UNITS		7/14/23 SPEC PERMIT SUBMITTAL
-	DIFFUSERS, REGISTERS, AND GRILLES		7/14/23 SPEC PERMIT SUBMITTAL
	HVAC GRAVITY VENTILATORS		7/14/23 SPEC PERMIT SUBMITTAL
	ELECTRIC BOILERS		7/14/23 SPEC PERMIT SUBMITTAL
	SPLIT-SYSTEM AIR-CONDITIONERS		7/14/23 SPEC PERMIT SUBMITTAL
	VARIABLE REFRIGERANT FLOW HVAC SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	COMMON WORK RESULTS FOR ELECTRICAL		7/14/23 SPEC PERMIT SUBMITTAL
	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
			7/14/23 SPEC PERMIT SUBMITTAL
	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING		7/14/23 SPEC PERMIT SUBMITTAL
	Vibration and Seismic Controls for Electrical Systems		7/14/23 SPEC PERMIT SUBMITTAL
	IDENTIFICATION FOR ELECTRICAL SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	POWER DISTRIBUTION SYSTEM STUDIES		7/14/23 SPEC PERMIT SUBMITTAL
	COMMISSIONING OF ELECTRICAL SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
	LIGHTING CONTROL DEVICES		7/14/23 SPEC PERMIT SUBMITTAL
	NETWORK LIGHTING CONTROLS		7/14/23 SPEC PERMIT SUBMITTAL
	LOW-VOLTAGE TRANSFORMERS		7/14/23 SPEC PERMIT SUBMITTAL
	SWITCHBOARDS		7/14/23 SPEC PERMIT SUBMITTAL
26 2416	PANELBOARDS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 2713	ELECTRICITY METERING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 2726	WIRING DEVICES		7/14/23 SPEC PERMIT SUBMITTAL
26 2743	ELECTRIC-VEHICLE SERVICE EQUIPMENT - AC LEVEL	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 2813	FUSES	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL

Number	Description	Issued Date	Set
26 2816	ENCLOSED SWITCHES AND CIRCUIT BREAKERS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 2913	Enclosed Controllers	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 2923	VARIABLE-FREQUENCY MOTOR CONTROLLERS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 3323	Central Battery Equipment	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 3650	GENERATOR DOCKING STATIONS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 4313	SURGE PROTECTION FOR LOW-VOLTAGE ELECTRICAL POWER CIRCUITS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 5100	INTERIOR LIGHTING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
26 5600	EXTERIOR LIGHTING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
27 05 26	GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
27 05 28	PATHWAYS FOR COMMUNICATIONS SYSTEMS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
27 11 00	COMMUNICATIONS EQUIPMENT ROOM FITTINGS	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
27 13 00	COMMUNICATIONS BACKBONE CABLING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
27 15 00	COMMUNICATIONS HORIZONTAL CABLING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
27 51 16	PUBLIC ADDRESS SYSTEMS		7/14/23 SPEC PERMIT SUBMITTAL
27 52 23	NURSE CALL SYSTEM	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
27 53 13	SYNCHRONIZED GPS TIME SERVER MASTER CLOCK SYSTEM	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
28 00 00	SECURITY SYSTEMS - GENERAL	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
28 13 00	ACCESS CONTROL SYSTEM	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
28 23 00	VIDEO SURVEILLANCE SYSTEM	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
28 50 20	EMERGENCY RESPONDER RADIO SYSTEM	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
28 3111	DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
31 0000	EARTHWORK	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
31 22 00	FINISH GRADING		7/14/23 SPEC PERMIT SUBMITTAL
31 23 00	EXCAVATION, BACKFILLING, AND COMPACTING FOR UTILITIES	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
31 23 19	DEWATERING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
31 6620	DRILL DISPLACEMENT COLUMN GROUND IMPROVEMENT	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
-	ASPHALT PAVING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
32 41 00	SIGNING, PAVEMENT MARKINGS, AND CURB PAINTING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
32 3119	DECORATIVE METAL FENCES AND GATES	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
	LANDSCAPE MAINTENANCE		7/14/23 SPEC PERMIT SUBMITTAL
321313	Concrete Paving		7/14/23 SPEC PERMIT SUBMITTAL
321500	AGGREGATE SURFACING		7/14/23 SPEC PERMIT SUBMITTAL
323300	SITE FURNISHINGS		7/14/23 SPEC PERMIT SUBMITTAL
328400	PLANTING IRRIGATION	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
-	SOIL PREPARATION		7/14/23 SPEC PERMIT SUBMITTAL
329300	TREES, SHRUBS, ORNAMENTAL GRASSES AND GROUNDCOVER	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL
	PLANTING ACCESSORIES		7/14/23 SPEC PERMIT SUBMITTAL
	SITE WATER DISTRIBUTION PIPING		7/14/23 SPEC PERMIT SUBMITTAL
	SANITARY SEWER DISTRIBUTION PIPING		7/14/23 SPEC PERMIT SUBMITTAL
33 40 00	STORM UTILITY DRAINAGE PIPING	7/11/2023	7/14/23 SPEC PERMIT SUBMITTAL



RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	DATE RESPONSE RECEIVED	RESPONSE	OPEN/ CLOSED
PB-002	Exhibit C.2	Responsibility Matrix- Please confirm that the responsibility matrix (attachment A and B) included in the "Elec/LV Scope of work exhibit C.2 is the final/approved matrix to be used for proposal. These attachments offer slightly from the "standalone" matrix'x provided in the MEP exhibits.	XL Construction, Alysha Fuchino	July 14, 2023	The MEP Exhibits folder was removed from BuildingConnected and should no longer be referenced. The attachments that are part of the Exhibit C shall be used.	CLOSED
PB-003	As Builts	Are there any as-builts of the building?	XL Construction, David Barron	July 17, 2023	There are no as-builts to share.	CLOSED
PB-004	Evhibit C 2	Exhibit C.2 Scope of work for exterior skin states that interior elements such as acoustical mullion covers are to be provided by exterior skin sub. Ref. section 2.f.iv.However, details on sheet A9.9.2 reference these elements to be part of spec section 092900 which is not part of the exterior skin package. <b>Please confirm</b> that these acoustical closures will be provided by others and are not part of the exterior skin package.	XL Construction, Phill Guymer	July 20, 2023	Drywall Subcontractor to supply & install all mullion covers as detailed on A9.9.2	CLOSED
PB-005	Exterior Glazing Mock- up Extent	Spec sections 084413 & 084422 state that a freestanding mockup is required for both the timber and aluminum curtain walls. Please provide a detail of the mockup extent including size and scope.	XL Construction, Terry Wong	July 19, 2023	SG (MC): the DesignTeam is currenty working on it. XL: See tab PB -005 within this log visual mock-up. Bidders to provide as ADD ALTERNATE COST. Performance mock-up required within specifications should be included within base bid. Follow Exhibit L. bid form breakdown For reference, please	CLOSED
PB-006	Estimate Breakouts	Prime Electric - Could you please provide any breakdowns you are looking for so we can set up Accubid accordingly?	XL Construction, Alysha Fuchino	July 14, 2023	provide lumpsum costs for the 1) Office Area and 2) Medical Area (Level 1).	CLOSED
PB-007	Vestibule Sliders	Please confirm if we are to include the interior vestibule sliders #1001.2 & 1401.2 in the Exterior Facade bid package.	XL Construction, Phill Guymer	July 20, 2023	Exterior Façade bidders to include the interior vestible sliders	CLOSED
PB-008	Fiber Cement Panels At Interior Side of West & East Stairs	Reference A6.1.1 & A6.1.2 stair plans and A5.1.1 & A5.2.1 details. Details show fiber cement panels at interior side of stair walls. Please confirm if these panels are to be included in the exterior facade bid package. If so, do the panels occur on all 4 sides of the stairwell? Reference attached.	XL Construction, Phill Guymer	July 20, 2023	SG (MC) Only east stair is to recived fiber cement panel at the North elevation. Please refer to finish floors for extend of scope. Sheets AF2.1.A and AF2.1.B. This scope of work is to be included in the exterior façade bid package.	
	RFI - Laminate					
PB-009	Composite Panel Soffit at Interior Vestibule	Please confirm if we are to include the laminate Composite Panels at the interior vestibule soffit. Reference 24/A5.3.5.	XL Construction, Phill Guymer	July 20, 2023	This scope of work is to be included in the exterior façade bid package.	CLOSED
	Specification Section 22	<ul> <li>1.Drawing M3.4</li> <li>Multiple sheet notes to provide platform to cross over pipes. Which scope provides the referenced platforms?</li> <li>Sheet note to provide parapet cover over boilers. Which scope provides the referenced cover?</li> <li>2.Spec section 22 1317 2.6 B1 indicates under slab Storm piping will be sch-40 PVC. Section 22 1317</li> <li>2.6 C5 indicates under slab Storm piping to be hub and spigot cast iron. Pipe schedule on drawing P7.1.1 indicates no-hub cast iron. Which material type is correct? Same question applies to under slab Waste and Vent piping.</li> <li>3.Please confirm hangers for underground piping are not required.</li> <li>4.Spec section 22 1317 2.6 D indicates area drains to be furnished and installed as indicated on the drawings. Please confirm this</li> </ul>				
		<ul> <li>applies to area drains within the building parameter only, and area drains beyond the building parameter are by others.</li> <li>5.Spec section 22 1317 2.6 E indicates tree well drains and catch basins to be furnished and installed by the mechanical contractor.</li> <li>Please confirm this scope is Civil or Landscape and not Mechanical/Plumbing.</li> <li>6.Spec section 22 1317 2.6 F makes reference to Sub-soil drainage system; however, referenced system is not indicated on drawings.</li> <li>Please confirm Sub-soil drainage system is not required.</li> </ul>				
PB-010		7.Spec section 22 1317 3.9 A indicates contractor to provide rough-in as indicated on drawings for owner provided equipment. However, comparing owner provided equipment requiring Plumbing utilities to the Plumbing drawings, rough-in for this equipment is	XL Construction, Alysha Fuchino	July 14, 2023	Exclude platforms and covers from MEP scope of work.	CLOSED



RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	DATE RESPONSE RECEIVED	RESPONSE	OPEN/ CLOSED
PB-013	Sanitary/Site	Spec section 22 1317 2.6 D indicates area drains to be furnished and installed as indicated on the drawings. Please confirm this applies to area drains within the building parameter only, and area drains beyond the building parameter are by others.	XL Construction, Alysha Fuchino	July 14, 2023	Refer to Exhibit C scope clarifications. Mechanical and Plumbing trade partners are responsible for area drains within the building parameter. Others are responsible for area drains around the façade of the structure.	
PB-014	Drains	Spec section 22 1317 2.6 E indicates tree well drains and catch basins to be furnished and installed by the mechanical contractor. Please confirm this scope is Civil or Landscape and not Mechanical/Plumbing.	XL Construction, Alysha Fuchino	July 14, 2023	Exclude this from the MEP scope .Tree well drains to be included in Civil or Landscpae scope of work.	
PB-014	Plumbing Connections to Equipment	Spec section 22 1317 3.9 A indicates contractor to provide rough-in as indicated on drawings for	XL Construction, Alysha Fuchino	July 14, 2023	Confirmed. Plumbing trade partner is responsible for this. Refer to Exhibit C. Provide scope as an add alternate.	CLOSED
	PV PPA Agreement	Pls provide the PV PPA agreement for review. Design doc's reference and show the PV design, however they indicate "for reference only" Is the PPA author responsible for the PV installation complete turnkey or is this SOW to be engineered, provided, and installed by the EC?			SG (MC+EOR): Our PV layout shows the design intent. However, the actual layout will vary depending on which PV module is selected (they are all different sizes, and the dimensional differences will compound across a large roof). The Design Team is still working with a PPA on this. However, we are now working with PCE instead of SAGE. Our understanding is that PCE is designing/engineering the system and will be hiring their own installer. We do not have any other documents that are up-do-date, but the team can follow up with Vendor. <b>XL Response:-</b> PPA agreement is not yet signed for the County. Please include scope	9 5
PB-019	General	Are they any other PV specific PV design doc's avail?	SmithGroup	July 19, 2023	per bid form and current drawings. Condensate drain and make-up water piping shall be provided	CLOSED
PB-037		General - please confirm all makeup water, condensate and drain piping is by plumbing contractor.	XL Construction, Alysha Fuchino	July 18, 2023	by plumbing contractor.	CLOSED
PB-039	General 1.III	Materials - please confirm buy-America act does not apply to this project.	XL Construction, Alysha Fuchino	July 18, 2023	<ul> <li>No, it does not apply on this project.</li> <li>Under the Design, Engineering, and Preconstruction section of the bid form (orange), teams are expected to incorporate the following: <ol> <li>Review of Engineering</li> <li>Constructability Reviews</li> <li>BIM/Coordination Modeling</li> <li>(80) hours of time to support Early Procurement</li> <li>Additional hours required to support project pre-construction (It is expected that Trade Partners will clarify any additional support they have allocated dollars for)</li> </ol> </li> <li>Construction Bid will include detailing hours to support prefabrication (per Exhibit C) and Field Management. Field</li> </ul>	
		Section 1 Bid Package Content - This section lists a design, engineering, and pre-construction manpower table. If Smith Group is to remain as the MEOR, the pre-construction table should include project management, BIM, and some engineering review in accordance			Management includes any project management throughout the duration of construction (this includes submittals, change	



PROJECT NAME: County of San Mateo - Wellness Center BID PACKAGE: Bid Package #2 JOB NO.: 4567

RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	DATE RESPONSE RECEIVED	RESPONSE	OPEN/ CLOSED
					Please provide your bid in today's dollars for material and equipment.	
	3.1.4				There is a section in the bid form labeled "Escalation & Contingency", just under the Construction Bid SOV. Within the bid form, your team is instructed to provide an anticipated escalation percentage to carry. Teams should not include this escalation within their base pricing for equipment and material.	
PB-042		Section 3 Scope Requirements as it relates to escalation - Should we provide a recommended allowance for escalation to be carried (equipment, trade partners, and material)?	XL Construction, Alysha Fuchino	July 18, 2023	However, teams shall include labor escalation in their price for the duration of this project.	CLOSED
PB-044	3.1.25	Warranty - this bid document states to include 1-year warranty, where as the specs call for 5-year warranties (pending which equipment). We recommend carrying standard 1-year warranty, with add/alt for extension to 5-year warranty to meet the spec.	XL Construction, Alysha Fuchino	July 18, 2023	Include 1-year warranty in base pricing. Provide add alternate for 5-year warranty.	
PB-045	3.1.27	What mechanical mock-ups are anticipated for this project?	XL Construction, David Barron	July 20, 2023	No mechanical mock up required.	CLOSED
PB-051	23 3113 Section 3.2, F	Painting the duct sealer. Please confirm this shall be by the painting trade partner (not by mechanical).	XL Construction, Alysha Fuchino	July 18, 2023	Painting/Finishes will be by others and not provided by MEP. MEP teams can exclude.	CLOSED
PB-053	Lighting Requirements for Roof Zones A & B	Pls confirm there is NO lighting requirements for the Roof zones A and B Current permit drawings are not showing any lighting.	SmithGroup	July 19, 2023	SG (MC +EEOR): Exit sign only.	CLOSED
PB-055	Cable Tray Locations	Cable tray location/Quantity is not defined. On the second floor where the raised floor is going to be installed, we are planning on working with our Low voltage department and determine the best routing, mark up a drawing and include this quantity in our bid. Thoughts?	XL Construction, Alysha F/Kartikeya D	July 18, 2023	For scopes of work that are not entirely defined on the drawings, please provide layouts or takeoffs where your team must complete the scope. XL is looking for a hollistic price package.	
	PV System & Battery Size	<ol> <li>1) Are we providing a complete PV System? I have always though it was going to be provided by Sage. We would love to provide, just need to know as the direction is conflicting. On the Single the equipment is shaded, and a note says provided by other but Attachments A says all provided by Electrical Contractor.</li> <li>2) On the Same note, it says for us to provide a 2-hour battery in our base and a 4-hour battery as an add alt. What is the size of the</li> </ol>				
PB-057		battery?	SmithGroup	July 19, 2023		OPEN
	Mock-ups				SG (MC) The design Team is working a mock up to be coordinated with XL. Refer to specification for more information regarding Mock ups. XL: See tab PB -005 within this log visual mock-up. Bidders to provide as ADD ALTERNATE COST. Performance mock-up required within specifications should be included within base	
PB-065		What mock-ups does XL Construction expect for this project?	SmithGroup	July 19, 2023	bid.	CLOSED
PB-066	EV Chargers	What is the EV Charging scope?	XL Construction, Alysha Fuchino	July 18, 2023	Teams are expected to price the drawings up as their base, but shall include a unit rate price (add alt price) to add additional EV Charging spaces. This unit rate price shall include the infrastructure, cabling, EV charging station (per code).	CLOSED
	Fire Proofing - Electrical	Electrical to provide their own fire proofing for electrical quipments and systems where ever required. I am quite sure we are providing our own fire proofing. I did see this and wanted to make sure there was not going to be one firestopping contractor for the whole project.			Electrical to assume they are providing their your own	
PB-068		This is from PDF Page 288 of the specifications 07 8413-2	XL Construction, Alysha Fuchino	July 20, 2023	Fireproofing	CLOSED



PROJECT NAME: County of San Mateo - Wellness Center BID PACKAGE: Bid Package #2 JOB NO.: 4567

RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	DATE RESPONSE RECEIVED	RESPONSE	OPEN/ CLOSED
		It appears that we are missing the following items.				
	Bid Document	•SMWC Demo Set				
	bla bocament	Hazardous Materials Report- Probation Building				
		•LEED Checklist v4				
PB-069		•Geotechinical Report	XL Construction, Terry Wong	July 21, 2023	"Documents have been uploaded to BuildingConnected."	CLOSED
PB-001	Bid Document	Liquidated Damages - Please confirm liquidated matrix applicable to project.	XL Construction, Terry Wong			OPEN
		Spec section 22 1317 2.6 B1 indicates under slab Storm piping will be sch-40 PVC. Section 22 1317				
	Drawings and Specs	2.6 C5 indicates under slab Storm piping to be hub and spigot cast iron. Pipe schedule on drawing				
DD 011		P7.1.1 indicates no-hub cast iron. Which material type is correct? Same question applies to under				ODEN
PB-011		slab Waste and Vent piping.	SmithGroup			OPEN
PB-012	Underground	Please confirm hangers for underground piping are not required.	SmithGroup			OPEN
		Spec section 22 1317 2.6 F makes reference to Sub-soil drainage system; however, referenced	•			
PB-015	Sub-soil drainage	system is not indicated on drawings. Please confirm Sub-soil drainage system is not required.	SmithGroup			OPEN
			-		SG (MC): Yes. Revit files can be found on BIM-360. XL has acc	cess
PB-017	Revit Model	Do you by chance have a Revit model for this project? If so do you think it would be possible to share it with me?	XL Construction, Terry Wong	July 19, 2023	to these	OPEN
		Pls confirm if the temp power design has been sized and completed by the design team and submitted to PGE ?				
PB-018	Temp Power Design	If completed, pls post design doc's or provide direction if this SOW is to be included.	SmithGroup			OPEN
PB-020	Fire Pump Requirement	Pls confirm there is NO fire pump required for the project.	SmithGroup		SG (MC and FLSE) Confirmed.	OPEN
PB-021	M2.4	There is a note on the roof plan to provide a parapet cover over the boilers. Please confirm this scope will be carried by XL.	XL Construction, Terry Wong			OPEN
	M2.4	Two locations on the roof plan call for "provide platform for crossing over ductwork". Please confirm these catwalks will be carried by				
PB-022	1012.4	XL.	XL Construction, Terry Wong			OPEN
	M3.4	Four locations on the roof plan call for "provide platform to cross over pipes, typical". Please confirm these catwalks will be carried by				
PB-023	1015.4	XL.	XL Construction, Terry Wong			OPEN
	M6.1	Detail 10 of M6.1 calls for prefabricated rubber supports for rooftop ductwork. Please confirm durablocks or adequate, as determined				
PB-024	1010.1	during deferred submittal anchorage & vibration isolation support engineering by selected mechanical trade partner.	SmithGroup			OPEN
	M6.3	Detail 10 of M6.3 appears to show triple duty valves on the boiler plant HHW pumps. Typically we don't install these on 1 HP pumps,				
PB-025		please clarify if these are required.	SmithGroup			OPEN
		Detail 2 of M6.3 calls for (2) thermometers, a strainer, and a balancing valve at each water coil. Can these be eliminated? We have				
	M6.3	found that strainers at VAV reheat coils (unless regularly cleaned) become a source of pressure drop. The thermometers become				
		inaccurate after a few years of operation. On variable flow systems, we have often seen balancing valves eliminated and allowing the				
PB-026		control valve to modulate flow to the coil (self-balancing system).	SmithGroup			OPEN
	M7.1	The mechanical schedule (AHUs note #17, fans note #15, boilers note #2, condensing units note #7, etc) requests an alternate for 5-				
PB-027		year extended parts + labor warranty. Please confirm we should include 1-year warranty on equipment in our base bid.	SmithGroup			OPEN
		The HHW pump schedule calls for 2" deflection vibraiton isolation. This is in conflict with detail 8/M6.3 and the mechanical vibration				
	M7.1	isolation schedule on M7.2 which calls for 0.5" spring neoprene (model MND) for pumps less than 1 HP. Please clarify which we should				
PB-028		follow for bid pricing.	SmithGroup			OPEN
	M7.2	The mechanical equipment vibration isolation schedule shows suspended mechanical piping to be supported with 1" springs (Mason				0.0551
PB-029		RW30N). Please clarify how many feet (ex: within 50' of pumps) or does this apply to the entire system.	SmithGroup			OPEN
	M7.3	Room Pressurization schedule - Please confirm no magenhelic gauges or BMS room pressure monitoring is required, as we didn't see				ODEN
PB-030		these points on the control I/O and flow diagrams on the M8.x dwgs. Please clarify how OSA is being controlled for the AHUs.	SmithGroup			OPEN
PB-031	M8.2	Currently, the airflow diagram shows (2) AHU smoke detectors - one on the supply duct and one on the return duct. Please clarify if	SmithGroup			OPEN
	M8.2		Constitution			ODEN
PB-032		both are required, or if we should figure on one smoke detector.	SmithGroup			OPEN



PROJECT NAME: County of San Mateo - Wellness Center

BID PACKAGE: Bid Package #2 JOB NO.: 4567

DATE RESPONSE Reference **RESPONSE BY** DESCRIPTION RFI Tag RECEIVED (Drawing / Spec / Bid Doc) (Smith Group/XL/SEOR) We recommend the AHU return fan be controlled as a function of duct static pressure or building pressure. Please confirm this is M8.2 PB-033 acceptable SmithGroup We recommend the location of the HHW system bypass valve be placed just upstream of the dPT, so the flow meter can be used to include flow through the bypass and ensure boiler minimum flow is maintained. We would like to work with the EOR to include control M8.3 of the bypass valve in the SOO. PB-034 SmithGroup Please confirm space occupancy sensors shown on M8.4 are a function of BMS integration with the lighting control panel (IE we will M8.4 NOT have TWO occupancy sensors - one for BMS and one for lighting, BMS will utilized the lighting system to meet T24 occupancy requirements, as implement on most projects). PB-035 SmithGroup PB-036 Please clarify control of exhaust VAVs, as this zone EAV points list/diagram is currently missing from M8.4. SmithGroup M.4 Please clarify requirements for 3rd party inspections of welding and anchors, or please point us to the applicable spec section or General PB-038 documents for these requirements (pertaining to mechanical). SmithGroup PB-041 Section 2 Project Requirements: Liquidated Damages - Please confirm the liquidated damages are \$xyz XL Construction, Terry Wong 2.XIX.1 Commissioning - has a CxA been selected by the county yet? If so, which company will be performing Cx? PB-043 3.1.9 XL Construction, Terry Wong The BMS controls scope of work lists that DDC panels must be UL-listed. This is not typical and comes at a cost premium. Can you 3.II.21 PB-046 confirm UL-listed low-voltage DDC panels are not required? SmithGroup 23 3113 PB-047 Stainless steel duct is called out in the specs. Please confirm this is only applicable to the stainless steel dishwasher duct. SmithGroup Section 3.6. A 23 3113 PB-048 Requires EOR sign-off to use TDC flanges. Please confirm TDC flanges are acceptable. SmithGroup Section 2.2, C 4 b Double wall ductwork. This is in the spec, but doesn't appear applicable. Please confirm double-wall duct is not applicable to the General PB-049 project. SmithGroup 23 3113 PB-050 Wrapping the duct with angle at penetrations. Is this accurate? SmithGroup Section 3.1, I Is conduit required between BMS zone devices? Or can plenum-rated cable be ran in the ceiling space and above/on duct or piping? 23 0900 Section 3.12, D Note: The controls spec is a little bit contradicitng, as it states that plenum-rated cable is ok, but also references both sections 26 0500 PB-052 and 27 1500 which requires conduit. SmithGroup Exhibit C.2, which covers the Scope of Work for Demo & Abatement, mentions the AEI pre-demolition abatement survey. Exhibit C.2 Demo & After downloading all the files, we could not find the AEI report dated June 2nd. Abatement PB-054 Please advise XL Construction, Phill Guymer PB-056 The raised floor on Level 2 is not continuous to the IDF where the cables originate from. Is this correct? Raised Floor Level 2 SmithGroup PB-058 Is there a plan to provide additional information for A/V? Specifications? **AV** Specifications SmithGroup PB-059 **Blue Phones** Are Blue phones to be included in the parking lot? SmithGroup PB-060 Are we digging our own trench from the street to the PG&E service or are we to use the joint trench shown on the civil drawings? Trenching SmithGroup Exhibit C.2 Rough-In for On Exhibit C.2 it shown Electrical providing the rough in for Mass Notification, RFID, pos, Ambulance/ Facility Radio System. Patient LV Mass Notification, Arrival/Record System and Time and Attendance System but we don't see anything on the drawings showing the Electrical rough. RFID, pos, Ambulance/ PB-061 Please confirm. Facility Radio System SmithGroup VAV boxes - - - > Comparing schedules to floor plans, the total count is correct. However, there are (2) additional RH coils on the floor HVAC Zoning PB-062 plan vs. the schedules. Please confirm what zoning plan/count is accurate. SmithGroup Rooftop exhaust duct - - - > Some of the rooftop exhaust duct calls for internal acoustical lining. This is NOT recommended. Please Rooftop Exhaust Duct PB-063 confirm this is infact the design intent. SmithGroup AHU Attenuators - - - > The schedule for the AHU sound attenuators isn't filled out with a manufacturer or model (only insertion loss Sound Mitigation tables provided). Couldn't find any listed attenuation manufacturers in the spec (only duct flex attenuation, used at registers) so we can reach out for pricing, but with this plan/spec, I would imagine the Smith Group MEOR has an idea of what they want. Please confirm. PB-064 SmithGroup

RESPONSE	OPEN/ CLOSED
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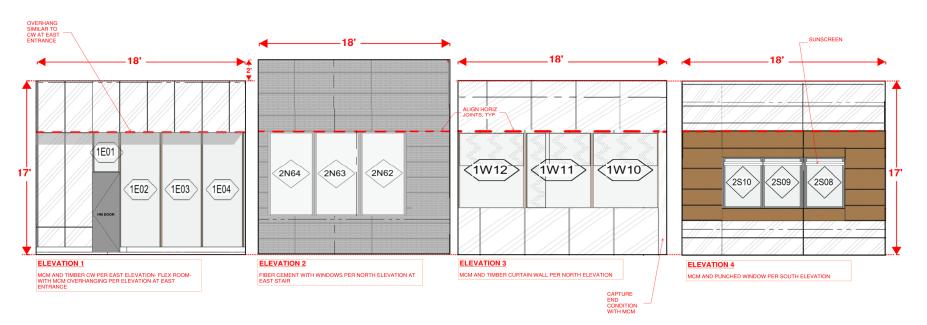


PROJECT NAME: County of San Mateo - Wellness Center BID PACKAGE: Bid Package #2 JOB NO.: 4567

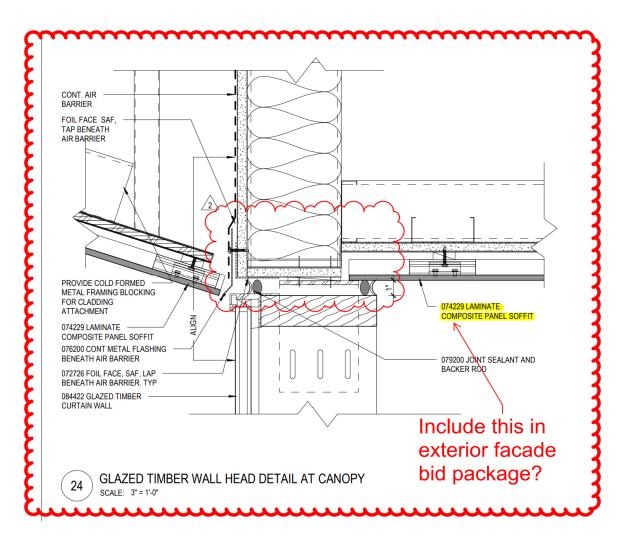
RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	DATE RESPONSE RECEIVED	RESPONSE	OPEN/ CLOSED
	Eldward System					
	Corporation- Metal					
	Composite Material Wall	One of our vendors (Elward) who is looking at pricing the Swiss Pearl and Composite Panel is not listed in the spec as an approved				
PB-067	Panel	fabricator. I have attached a request for them to be added to the spec here. Please let me know if this will be possible.	SmithGroup			OPEN

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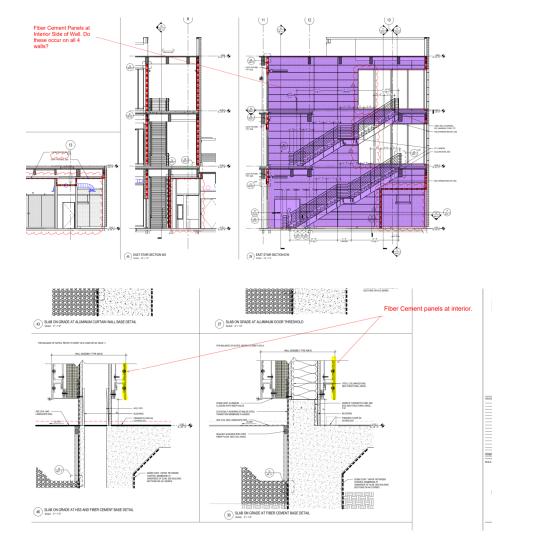
CoSM Wellness Center - BP 2 7/24/2023

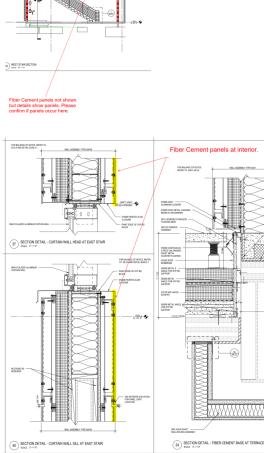


SOUTH SAN FRANCISCO WELLNESS CENTER PRELIMINARY MOCK UP SKETCH NOT TO SCALE JULY 19, 2023 SMITHGROUP



CoSM Wellness Center - BP 2 7/24/2023





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PB-008



RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	RESPONSE	OPEN/ CLOSED
PB-001	Bid Document	Liquidated Damages - Please confirm liquidated matrix applicable to project.	XL Construction, Terry Wong	XL: Liquidated damages apply. Please see master agreement for Liqudated Damages.	Add #4
PB-011	Drawings and Specs	Spec section 22 1317 2.6 B1 indicates under slab Storm piping will be sch-40 PVC. Section 22 1317 2.6 C5 indicates under slab Storm piping to be hub and spigot cast iron. Pipe schedule on drawing P7.1.1 indicates no-hub cast iron. Which material type is correct? Same question applies to under slab Waste and Vent piping.	SmithGroup	SG (Plumbing Eng) Materials for storm and sanitary waste to follow material schedule on sheet P7.1.1 of the construction documents.	Add #4
PB-012	Underground	Please confirm hangers for underground piping are not required.	SmithGroup	SG (Plumbing Eng) Underground piping to be coordinated with ground improvement contractor per code. XL to follow up accordingly	Add #4
PB-015	Sub-soil drainage	Spec section 22 1317 2.6 F makes reference to Sub-soil drainage system; however, referenced system is not indicated on drawings. Please confirm Sub-soil drainage system is not required.	SmithGroup	SG (Plumbing Eng) Sub-soil drainage systems not required.	Add #4
PB-017	Revit Model	Do you by chance have a Revit model for this project? If so do you think it would be possible to share it with me?	XL Construction, Terry Wong	SG (MC): Yes. Revit files can be found on BIM-360. XL has access to these	Add #4
PB-018	Temp Power Design	Pls confirm if the temp power design has been sized and completed by the design team and submitted to PGE ? If completed, pls post design doc's or provide direction if this SOW is to be included.	SmithGroup	SG (EEOR) Temp power design scope is typically by the GC. If this should have been SG's scope please advise, ASAP. If the client wants to add this to our scope, this should be a separate fee.	Add #4
PB-020	Fire Pump Requirement	Pls confirm there is NO fire pump required for the project.	SmithGroup	SG (MC and FLSE) Confirmed.	Add #4
PB-021	M2.4	There is a note on the roof plan to provide a parapet cover over the boilers. Please confirm this scope will be carried by XL.	XL Construction, Terry Wong	XL: Scope to be by others (not by mechanical trade partner). Mechanical trade partner to provide coordination.	Add #4
PB-022	M2.4	Two locations on the roof plan call for "provide platform for crossing over ductwork". Please confirm these catwalks will be carried by XL.	XL Construction, Terry Wong	XL: Scope to be by others (not by mechanical trade partner)	Add #4
PB-023	M3.4	Four locations on the roof plan call for "provide platform to cross over pipes, typical". Please confirm these catwalks will be carried by XL.	XL Construction, Terry Wong	XL: Scope to be by others (not by mechanical trade partner)	Add #4
PB-024	M6.1	Detail 10 of M6.1 calls for prefabricated rubber supports for rooftop ductwork. Please confirm durablocks or adequate, as determined during deferred submittal anchorage & vibration isolation support engineering by selected mechanical trade partner.	SmithGroup	SG (MEOR) Alternate supports can be acceptable pending review by engineer.	v Add #4



RFI Tag	Reference (Drawing / Spec / Bid Doc)	Doc) DESCRIPTION		RESPONSE	OPEN/ CLOSED	
PB-025	M6.3	Detail 10 of M6.3 appears to show triple duty valves on the boiler plant HHW pumps. Typically we don't install these on 1 HP pumps, please clarify if these are required.	SmithGroup	SG (MEOR) Triple duty valves are required based on system configuration.	Add #4	
PB-026	M6.3	Detail 2 of M6.3 calls for (2) thermometers, a strainer, and a balancing valve at each water coil. Can these be eliminated? We have found that strainers at VAV reheat coils (unless regularly cleaned) become a source of pressure drop. The thermometers become inaccurate after a few years of operation. On variable flow systems, we have often seen balancing valves eliminated and allowing the control valve to modulate flow to the coil (self-balancing system).	SmithGroup	SG (MEOR) Provide strainer, balancing valves and thermometers at air handlers coils. All other coils to be provided with P/T plugs for temperature and pressure measurement a strainer and a balancing valve.		
PB-027	M7.1	The mechanical schedule (AHUs note #17, fans note #15, boilers note #2, condensing units note #7, etc) requests an alternate for 5- year extended parts + labor warranty. Please confirm we should include 1-year warranty on equipment in our base bid.	SmithGroup	SG (MEOR) Confirmed. Base bid 1 year warranty and alternate bid 5 year warranty.	Add #4	
PB-028	M7.1	The HHW pump schedule calls for 2" deflection vibraiton isolation. This is in conflict with detail 8/M6.3 and the mechanical vibration isolation schedule on M7.2 which calls for 0.5" spring neoprene (model MND) for pumps less than 1 HP. Please clarify which we should follow for bid pricing.	SmithGroup	SG (MEOR) Provide 2" deflection isolator off of schedule. The detail will be corrected.	Add #4	
PB-029	M7.2	The mechanical equipment vibration isolation schedule shows suspended mechanical piping to be supported with 1" springs (Mason RW30N). Please clarify how many feet (ex: within 50' of pumps) or does this apply to the entire system.	SmithGroup	SG (MEOR) Provide pipe isolators for within 50 ft of pumps only.	- Add #4	
PB-030	М7.3	Room Pressurization schedule - Please confirm no magenhelic gauges or BMS room pressure monitoring is required, as we didn't see these points on the control I/O and flow diagrams on the M8.x dwgs.	SmithGroup	SG (MEOR) Confirmed. Pressure monitoring is not required.	Add #4	
PB-031	M8.2	Please clarify how OSA is being controlled for the AHUs.	SmithGroup	SG (MEOR) OSA is controlled by BMS with air measuring station monitoring outside air flow and adjusting the outside air dampe to maintain required design outside air flow.		
PB-032	M8.2	Currently, the airflow diagram shows (2) AHU smoke detectors - one on the supply duct and one on the return duct. Please clarify if both are required, or if we should figure on one smoke detector.	SmithGroup	SG (MEOR) Confirmed, provide a smoke detector on supply and one on return as shown.	Add #4	
PB-033	M8.2	We recommend the AHU return fan be controlled as a function of duct static pressure or building pressure. Please confirm this is acceptable.	SmithGroup	SG (MEOR) It is acceptable to operate return fan off of the return duct static pressure. Off of building pressure is not acceptable.		
PB-034	M8.3	We recommend the location of the HHW system bypass valve be placed just upstream of the dPT, so the flow meter can be used to include flow through the bypass and ensure boiler minimum flow is maintained. We would like to work with the EOR to include control of the bypass valve in the SOO.	SmithGroup	SG (MEOR) Proposed location for the bypass valve is acceptable Verify with manufacturer and provide as required. Submit for review prior to any work.	2. Add #4	
PB-035	M8.4	Please confirm space occupancy sensors shown on M8.4 are a function of BMS integration with the lighting control panel (IE we will NOT have TWO occupancy sensors - one for BMS and one for lighting, BMS will utilized the lighting system to meet T24 occupancy requirements, as implement on most projects).	SmithGroup	SG (MEOR) Confirmed. Only one occupancy sensor is required and connected to BMS that will provide T24 occupancy requirements for the space.	Add #4	



RFI Tag	<b>Reference</b> (Drawing / Spec / Bid Doc	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	RESPONSE	OPEN/ CLOSED
PB-036	M.4	Please clarify control of exhaust VAVs, as this zone EAV points list/diagram is currently missing from M8.4.	SmithGroup	SG (MEOR) Exhaust VAVs will operate to maintain volumetric offset with the supply VAV to maintain room pressurization. Volumetric offset is shown in the drawings and will be updated based on test and balance to maintain room pressurization while maintaining required door opening force per code.	e Add #4
PB-038	General	Please clarify requirements for 3rd party inspections of welding and anchors, or please point us to the applicable spec section or documents for these requirements (pertaining to mechanical).	SmithGroup	SG (MEOR) Welding AWS certification is required as specified. Certified welder's work to be inspected by construction manager of the project or a qualified individual from the GC. For isolators and seismic anchors and bracings specification 230548 requires manufacturer's qualified technician to inspect the installation.	
PB-041	2.XIX.1	Section 2 Project Requirements: Liquidated Damages - Please confirm the liquidated damages are \$xyz	XL Construction, Terry Wong	XL: Question unclear '\$xyz'?? Please see master agreement for terms on liquidated damages.	Add #4
PB-043	3.1.9	Commissioning - has a CxA been selected by the county yet? If so, which company will be performing Cx?	XL Construction, Terry Wong	XL: Commissioning Agent has not been selected by the County yet.	Add #4
PB-046	3.II.21	The BMS controls scope of work lists that DDC panels must be UL-listed. This is not typical and comes at a cost premium. Can you confirm UL-listed low-voltage DDC panels are not required?	SmithGroup	BlackBox (Technology Eng.) BMS panels and requirements are not part of LV and I believe are part of Mech requirements. That being said, UL listed boxes for BMS is what I typically see inside IT and Elec rooms.	Add #4
PB-047	23 3113 Section 3.6, A	Stainless steel duct is called out in the specs. Please confirm this is only applicable to the stainless steel dishwasher duct.	SmithGroup	SG (MEOR) Confirmed, this is needed for dishwasher only.	Add #4
PB-048	23 3113 Section 2.2, C 4 b	Requires EOR sign-off to use TDC flanges. Please confirm TDC flanges are acceptable.	SmithGroup	SG (MEOR) Confirmed.	Add #4
PB-049	General	Double wall ductwork. This is in the spec, but doesn't appear applicable. Please confirm double-wall duct is not applicable to the project.	SmithGroup	SG (MEOR) Confirmed.	Add #4
PB-050	23 3113 Section 3.1, I	Wrapping the duct with angle at penetrations. Is this accurate?	SmithGroup	SG (MEOR) Yes, with sheet metal flanges as stated in the specification.	Add #4
РВ-052	23 0900 Section 3.12, D	Is conduit required between BMS zone devices? Or can plenum-rated cable be ran in the ceiling space and above/on duct or piping? Note: The controls spec is a little bit contradicitng, as it states that plenum-rated cable is ok, but also references both sections 26 0500 and 27 1500 which requires conduit.	SmithGroup	SG (MEOR) Use of plenum rated cable is not acceptable.	Add #4
PB-054	Exhibit C.2 Demo & Abatement	Exhibit C.2, which covers the Scope of Work for Demo & Abatement, mentions the AEI pre-demolition abatement survey. After downloading all the files, we could not find the AEI report dated June 2nd. Please advise.	XL Construction, Phill Guymer	XL: Drawings and reports can be found in the files module of building connected. Specifically in the folder labeled '7.11 Permit Set'	



RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	RESPONSE	OPEN/ CLOSED
PB-056	Raised Floor Level 2	The raised floor on Level 2 is not continuous to the IDF where the cables originate from. Is this correct?	6.116	SG (MC) Per Structual Drawings the IDF room is a raised floor, see Sheet S1.1.4 for legend for floor paln shades	
PB-050			SmithGroup	BlackBox (Technology Eng.)	Add #4
	AV Specifications	Is there a plan to provide additional information for A/V? Specifications?		Per coordination in 2021 with the Client, the AV equipment was going to be provided by the client. The only items in LV design are the HDMI/CAT6 infrastructure.	
PB-058		is there a plan to provide additional mormation for A/V? specifications?	SmithGroup	BlackBox (Technology Eng.)	Add #4
	Blue Phones			Per the previous meeting with Owner back in 2021, Blue phones or any CCTV in the parking area was not required. However, this is worth asking the new team whether this is something they	
PB-059		Are Blue phones to be included in the parking lot?	SmithGroup	want to pursue.	Add #4
PB-060	Trenching	Are we digging our own trench from the street to the PG&E service or are we to use the joint trench shown on the civil drawings?	SmithGroup	XL: Per Exhibit C.2, Electrical Trade Parnter to include for own work. See items #6 and #7 under Part B/Electrical section.	Add #4
				SG (EEOR) + BlackBox (Technology Eng.) What is this C.2? Are you saying these items aren't shown on the	2
	Exhibit C.2 Rough-In for LV Mass Notification,			elec drawings? Can the E.C. look to the technology drawings for device locations? This would avoid duplicating work/creating inconsistencies. The technology general notes discuss conduit	
	RFID, pos, Ambulance/ Facility Radio System	On Exhibit C.2 it shown Electrical providing the rough in for Mass Notification, RFID, pos, Ambulance/ Facility Radio System. Patient Arrival/Record System and Time and Attendance System but we don't see anything on the drawings showing the Electrical rough.		sizes. Per 2021 meetings with the client, RFID, POS, Ambulance Radio, Patient Arrival and Time/Attendance were not part of LV	
PB-061		Please confirm.	SmithGroup	or the project.	Add #4
PB-062	HVAC Zoning	VAV boxes > Comparing schedules to floor plans, the total count is correct. However, there are (2) additional RH coils on the floor plan vs. the schedules. Please confirm what zoning plan/count is accurate.	SmithGroup	SG (MEOR) Confirmed.	Add #4
PB-063	Rooftop Exhaust Duct	Rooftop exhaust duct > Some of the rooftop exhaust duct calls for internal acoustical lining. This is NOT recommended. Please confirm this is infact the design intent.	SmithGroup	SG (MEOR) Provide lining as shown.	Add #4
	Sound Mitigation	AHU Attenuators > The schedule for the AHU sound attenuators isn't filled out with a manufacturer or model (only insertion loss tables provided). Couldn't find any listed attenuation manufacturers in the spec (only duct flex attenuation, used at registers) so we can		SG (MEOR) Provide Vibro acoustic, IAC or equal.	
PB-064	Eldward System	reach out for pricing, but with this plan/spec, I would imagine the Smith Group MEOR has an idea of what they want. Please confirm.	SmithGroup	SG (MEOR) Provide Vibro acoustic, IAC or equal.	Add #4
	Corporation- Metal Composite Material Wal				
PB-067	Panel	fabricator. I have attached a request for them to be added to the spec here. Please let me know if this will be possible. Provide some clarification on the following item. On A2.1.1A, there is an elevation 40/A8.1.2 which shows section cuts 14 and 16 on	SmithGroup	SG (MC) Yes. We can add it to the spec	Add #4
	Sheet A2.1.A	A9.1.5. These details show 2 layers of drywall on one side of the wall and tilebacker on the other side of the wall. However, the wall type at that location is A041, which only calls for 1 layer of gyp on each side. Any clarification would be great. Thanks!	SmithGroup	SG (MC) Wall types are correct. Architectural details will be clarified	Add #4



# PROJECT NAME: County of San Mateo - Wellness Center BID PACKAGE: Bid Package #2 JOB NO.: 4567

RFI Tag	Reference (Drawing / Spec / Bid Doc)	DESCRIPTION	RESPONSE BY (Smith Group/XL/SEOR)	RESPONSE	OPEN/ CLOSED
	Electrical	<ul> <li>Please provide additional clarification for the following mandatory unit prices.</li> <li>Electrical for (1) new Elevator <ul> <li>Should this include electrical feeder only?</li> <li>What additional scope (if any) should be included?</li> <li>Cost to add more conduit <ul> <li>What size conduit? ³/₄" EMT</li> <li>Cost to add more cabling</li> <li>What type/size cabling? 12/3 MC Cable?</li> </ul> </li> </ul></li></ul>			
PB-071		• Cost to increase electrical load o Please clarify intent of the unit price. The available spare capacity would be determined by the EOR. Increasing the service size would require redesign in order to determine cost impacts	XL Construction, Alysha Fuchino	XL: Prebid question was provided too late for proper evalution from project team. Please provide per specifications and drawings, list any clarifications or assumptions necessary.	Add #4
РВ-072	Pipe Specification	The Spec sheet is calling for "standard-weight" piping for 4" and below. Can someone confirm that is schedule 40 pipe? Industry standard is sch 40 1" and below and sch 10 above 1". The price difference is significant if sch 40 is required for 4" and under.	SmithGroup	SG (FLSE) SG standard is Schedule 40 for 2" and below	Add #4
PB-073	ESC Cover Letter	Please find the attached cover letter and drop box link below for a substitution request for Elward Systems to be listed as an approved fabricator for the MCM panels. Please let me know if you have any questions.	XL Construction, Terry Wong	XL: Prebid question was provided too late for proper evalution from project team. Please provide product in specification and drawings as base proposal. Provide substitution as add alternate within bid form.	Add #4

July 25, 2023



PROJECT NAME: BID PACKAGE: JOB NO.:		County of San Mateo - Wellness Center. 3 Job Number: 4567.	
RFI Tag	TRADE IMPACTED	DESCRIPTION	
1	All Trades	When are proposals due for this project?	Bid Date Extended t
2	Toilet Partition & Bathroom Accessories	<ol> <li>Per the bid sheet, coat hooks are part of this bid package. There are OFCI coat hooks listed on AI1.1.1 but there are also others listed on A9.3.1 that are mounted to the door. Are the ones shown on A9.3.1 also OFCI? If not, what is the make/model for these coat hooks.</li> <li>Baby Changing Station KB110 Series has been discontinued. Please confirm if a KB310-SSWM is acceptable.</li> <li>Please confirm if Restroom Mirrors L10 is part of the Lighting Package and that the Toilet Partion / Accessories Sub is only responsible for B-165.</li> </ol>	SG: 1. The ones listed or 2. KB310-SSWM (43 restrooms. Can we s comparable in size v product, I suggest w KB310-SSRE (41 5/1) the current wall type 3. Confirmed
3	Window Treatment	Should California Blind Company quote the entire building for roller shades or just the occupied area. The more shades that I get quoted, the more discount I will receive from Mecho.	Please provide at loo add alternates for th (2nd and 3rd floor s
4	Toilet Partition & Bathroom Accessories	Provided in the bid documents were Spreadsheet 0683-SMWC-Med EQ RxR and Sheets AQ1.1.1 and AQ1.1.2. Please confirm if there are any differences, which matrix is the most current between the spreadsheet and the list on the drawing set.	SG: There shouldn't and AQ1.1.2 is and s spreadsheet.
5	Toilet Partition & Bathroom Accessories	10 11 00 Visual Display Units - Please confirm locations, size, and spec for markerboards. The only reference that could be found is in the furniture schedule AI1.1.1. In the Furniture Schedule, ACC03-Markerboard Accessories are noted in the offices. In Spec Section 10 11 00, the summary notes Glass Markerboards but 2.3.C calls out for Porcelain Enamel Markboards. 2.3.B notes that the size are as indicated on the Drawings.	SG: Currently we do building. ACC03 is a walls with dry erase for ACC03 in approp
6	Toilet Partition & Bathroom Accessories	For the Phenolic Lockers, please confirm if the interior finish is also to be PL3.	SG: Confirmed.
7	Doors, Frames & Hardware	Please confrim the wood doors are to match WV1 Laminart Venneer Art Color 995-TG Blond Sycamore Finish Tru Grain	SG: Confirmed.

#### August 25, 2023

#### RESPONSE

d to 8/28 (Monday) - 5PM.

on A9.3.1 are also OFCI.

43 3/4"W) is too wide to fit in the public e switch to Bradley 962-11? It is more the with KB110. If we must stick to a Bobrick at we switch to recessed changing station b/16"W). The 4" deep recess should work on type.

locations called out on the plans. Provide r the other locations which are not on plans or shell)

n't be any differences. Schedule on AQ1.1.1 d should be just a condensed version of the

don't have any Markerboard/tackboard in the s a markerboard tool holder mounted on se coating. We will provide typical location ropriate drawing package.



PROJECT NAME: BID PACKAGE: JOB NO.:		County of San Mateo - Wellness Center. 3 Job Number: 4567.	
RFI Tag	TRADE IMPACTED	DESCRIPTION	-
8	Doors, Frames & Hardware	There is nothing in the spec about a specific veneer and the door schedule table is blank. Please advice.	SG: See answer abov
9	All Trades	Does the Skilled and Trained requirement per Exhibit I only apply to design build contractors, or does it apply to all?	Applies to all trades
	-	Per the Intumescent Scope of work, it states to pick up Intumescent as indicated on specific plan sheets. One of the plan sheets stated is page A5.2.2. On this page, details 46, 54, 70 & 72 reference Intumescent. I cannot tell where these locations are within the project. If they are within the stairwells where Intumescent is clearly stated than I have these covered, unfortunately I cannot find any reference to these specific details within any of the stairwell drawings, either on architectural or structural. Can we please see if we can get a clarification on these details locations	SG: Intumescent pair around the exterior p Details found on A5 Some of the details i Also Structural refere
10		Also could you please clarify the finish on the glazed timber curtain wall details & glazed curtain wall detail? Will this be the responsibility of the glazing contractor?	Refer to the specifica Coordinate responsa
		<ol> <li>Spec section 81216 – calls out for demountable/interior partition system door and frame with U-channel sidelites. Please verify that door and frame will be supplied by others and Royal Glass to supply and install U-channel and sidelite glazing only at Interior storefront Elevations E, F, G, H, J, K, L, M, &amp; P on sheet A9.3.2.</li> <li>Dr. #1004B calls out All Glass sliding door with elevation type G. Please verify if sliding door glass needs to be glass type GL6 or DG-1 to match sidelite as shown on sheet A9.3.2</li> </ol>	SG: 1. Elevations E, F, G, are covered by spec 2. Glass type is listed
		3. Dr. #1355 door schedule calls out for wood door type is called out as SAL. Please verify if this door is to be wood door or aluminum.	glass type DG-1.
	Interior Glass & Glazing	4. Dr. #230.1 calls out All Glass swing door detail 56/A9.3.6 shows Aluminum door. Please verify if door should be All Glass or Aluminum.	<ol> <li>Door type should door without glass. \</li> <li>Door should be Al</li> </ol>
		5. Frame elevation II on sheet A9.3.2 shows sidelite at frames by others. Please verify that Royal Glass is responsible for suppling and installing glass into frames by others.	5. XL to clarify scope
11		6. Dr. hardware sets 18 & 19 call out for hardware typical with Aluminum swing doors. Please verify what type of hardware is to be used with All Glass doors called out.	6. Door hardware gro and A9.3.1
	Acoustical Wall	The spec calls for Decoustic wall panel which is proprietary system which we cannot do. Also the alternate for Conwed which is proprietary system which we cannot do. Another is Wall Technology which is proprietary system which we cannot do.	SG: the Design Team per specs. However,
	Panels	If you would like a price for the wall panels we would need to use the Fabric Mate system which we are licensed to do.	Mate system as long performance require
12		If not you would need to reach out to a contractor that are licensed for these systems.	

#### August 25, 2023

RESPONSE
pove.
es
paint is required at columns and beams or perimeter wall of both stairs. A5 series are referenced on A4 series. ils in question are referenced on sheet A4.4.1. ferenced the paint on sheet S7.1.1
fications book for Curtain walls finishes. nsabilities with General Contractor
G, H, J, K, L, M, & P (interior storefront ISF-1) bec section 081219.
ted on door schedule/A9.3.1. Door 1004B is
uld be SF (Sliding Flush). It should be a wood s. We will update door schedule.
e All Glass.
ope for Royal Glass
group per door schedule. See sheets A5.4.1
am would like to keep a proprietery system er, the Design Team could review Fabric ong as it complies with quality assurance and uirements as specified.



PROJECT NAME: BID PACKAGE: JOB NO.:		County of San Mateo - Wellness Center. 3 Job Number: 4567.			
RFI Tag	TRADE IMPACTED	DESCRIPTION			
13	Toilet Partition & Bathroom Accessories	Laminart does not offer CGL and therefore Bobrick cannot quote the specified Laminart 2428-T Bisque (Textured). Is Formica 929 Oyster Gray an acceptable alternate for this bid?	SG: The Design Tear in order to approve		
14	Casework	FYI, the manufacturer of the solid surface material SS4 has not been returning phone calls. As of right now, we have not been able to confirm pricing. Please advise if you have alternate contact information for the manufacturer or their representative.	SG: Our Rep conctat Nick Verina 917-407 5918 nick@eos-surfaces.c		
15	Tile	093013 Tiling, subsection 3.10, A. Identifies installation method for Exterior Roof/deck floor installations, we have not identified any conditions this would be applicable. Please advise if there is exterior Roof/Deck tile installations required as part of this bid package.	SG: The section part There are precast ba and detail 52 and 68		
16	Tile	093013 Tiling, subsection 3.10, B. Identifies method for thin set exterior wall tile installation. Specification section 093013 Tile Products, mentions direct mount Exterior Fiber-cement Panles. We have not identified any conditions this would be applicable, only details of anchored fiber cement panel rainscreen assembly. Please confirm we can exclude Spec Section 07 4646 Fiber Cement siding from this bid package.	SG: There is not exte panels are anchored		
17	Tile	Edge of slab plans detail a 1" depression at restroom floors, however the specified TCNA methods requires a minimum 1-1/4" mortar beds of uniform thickness. Please confirm that a sloped depression of not less than 1-1/4" will be provided at the restroom floors.	SG: The Design Tear edge of slab accordi		
18	Tile	Please confirm B421-23 is acceptable TCNA (Tile Council of North America)method for the showers.	SG: Please refer to so 093013		
19	Marker Boards	Are there any markerboards on this project? No locations found.	SG: there no marker		

#### August 25, 2023

#### RESPONSE

eam will need to see samples for comparison ve alternate color

tatc info is:

es.com

art in question is in reference to part 2.3 C ballast pavers on the roof. See roof plans 68 on sheet A5.0.3

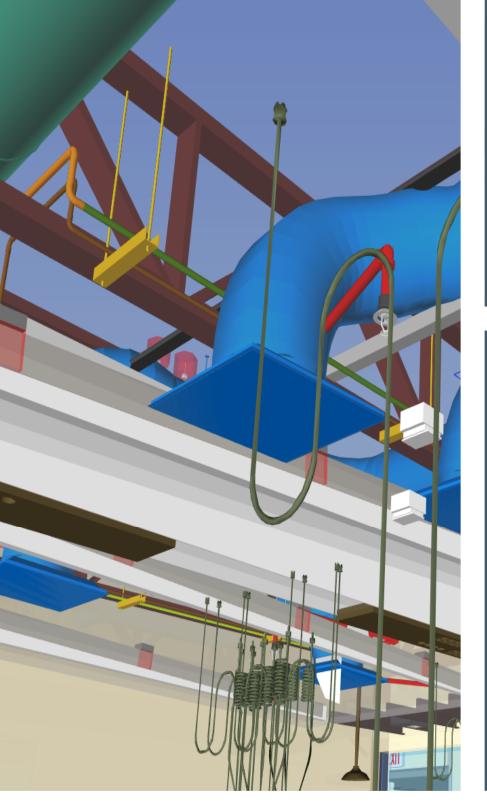
exterior tile for this project. Fiber cement red with a rainscreen assembly

eam will review the requirements and adjust ordingly

o schedule of TCNA designs on spec section

ker boards specified for this project yet

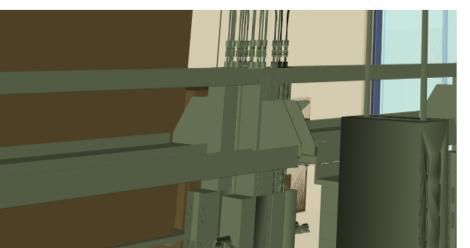
ITEM	DATE	QUESTION / CLARIFICATION / RFI	ANSWER
1	11/22/23	In pllan sheet S2.1.1B, on G/L A, there is a call out at Spread Ftg E, TOF - 43'- 00 as 10/S5.1.1. Detail 10/S5.1.1 shows a pedestal and a 6' max. This detail does not fit the TOF -43 when the Finish slab is -44.5'-00". The correct detail should be 9/S5.1.1 which is called out on Footing 8C. Please clarify	Detail 10 S5.1.1 is for any footing that is deep, the footings on Grid line A are not deep footings, Detail 9 S51.1 is what will be used for this footing. I have let the architect know of this mismarked detail.
2	11/22/23	Base Plate. Please clarify Base plate dimension per call out 9/S5.1.1. This detail refers to 7 oor 8/S5.3.1 but this detail does not provide the Column size to determine base plate dimension A & B.	Not yet designed- for pricing, assume a 12x12 base plate, these will be designed and provided by our timber fabricator. You will be given a template to use, for each location.
3	11/22/23	Would steel base plate template be provided for all?	No, expect a template for each type. You will need to replicate these accordingly.
4	11/22/23	Detail 6/S5.6.1 seems to indicate that there is thickned slab on all spread footings, however detail 9&4/S5.1.1 does not show it. Please clarify.	This thickened slab detail only exist where the entry HSS steel will be installed. plan for this condition in qty 4 footings.
5	11/22/23	S2.1.1A plan sheet calls out for precast flow through planter; however, note P06 in plan sheet C5.1 did not calls out for precast flow through planter. Please confirm if this is a precast or not.	These are not pre-cast and should be included in site work scope to be cast in place.
6	11/27/23	Level 2 Framing Plan Zone A says Future 2" NW Conc. Topping while part of Zone B does not say future. Are we to exclude all future NW Topping including those at the 3rd floor?	Please include 2" NW topping as shown in designed portion of second floor. Include 2" NW topping slab for remainder of level 2 and all of level three as an alternate price.
7	11/27/23	Please confirm that the Roof will not have 2" NW Topping.	Roof does not have topping slab.





BIM / VDC EXECUTION PLAN County of San Mateo Wellness Center

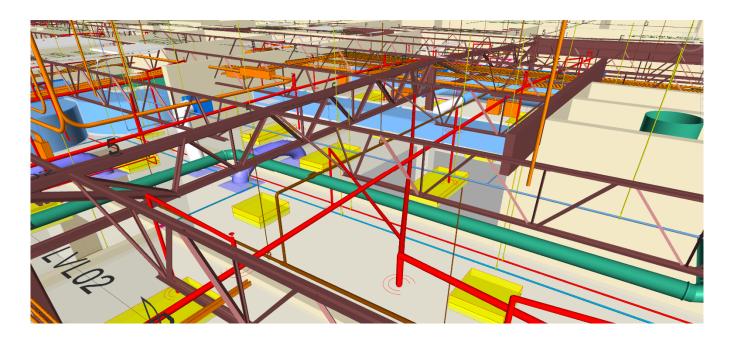
XL Construction BIM / VDC Execution Plan Rev. 8 – April 2023



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**APPENDIX A:** LOD/ MODEL RESPONSIBILITY MATRIX



#### 1. Project Information

This BIM Execution Plan defines the uses for Building Information Modeling (BIM) along with a detailed description of the process for executing BIM throughout the project lifecycle.

- 1.0. Facility Owner: County of San Mateo
- 1.1. Project Name: County of San Mateo Wellness Center
- **1.2. Project Location:** 1050 Mission Road, South San Francisco
- 1.3. Contract Type/Delivery Method: GMP/CMR
- 1.4. Project Schedule / Phases / Milestones:

PROJECT PHASE / MILESTONE	ESTIMATED START DATE	ESTIMATED COMPLETION DATE	COMMENTS	ROLES/ RESPONSIBILITIES
VDC/BIM Kickoff Meeting	9/1/23			
Construction Coordination	9/15/23	2/15/24		
Construction				
MEPFP Rough-In				
Substantial Completion				
Note: These milestor			ses of this Execution Plan. The master pr per the current master project schedule	oject schedule will

#### 2. Project Goals, BIM Model Definitions and BIM Uses

Mission Statement: XL Construction will utilize VDC Coordination and other Construction Technology workflows to streamline the construction process by creating schedule reliability, improving quality throughout design, and effectively communicating building systems to Project Stakeholders. VDC will be the process used to facilitate the investigation, collaboration, coordination, and communication of the goals for the Project.

#### 2.1. Goals

- **2.1.1.** The goals of the use of the Virtual Design and Construction Coordination process on this Project are:
- Improve design efficiency and accuracy.
- Reduce construction coordination issues and field conflicts, coordination related RFIs and changes by having a well-coordinated construction model.
- Deliver an accurate 'record model' (including RFIs, revisions, etc.) for use on future projects.
- Reduce Owner changes through 3D visualization of facility by end users.
- Improve field efficiency and reduce rework through extensive building coordination and fabrication including automated digital layout.
- Assisting in team visualization and understanding of potential logistical and constructability issues
- Solving schedule related issues by using the VDC process during the pre-construction and construction phases.
- Communicate project phasing and scheduling to stakeholders.

#### **2.2.** Model Definitions

- 2.2.1. Design Model (discipline specific) is any 3D model developed and updated by the Design Team and affiliated Engineering Teams for the purposes of Design Development, coordination, communication, and other uses. The main file type will be Revit or as otherwise specified.
- **2.2.2.** Construction Model (discipline specific) is any 3D model developed by XL Construction or any of its Trade Partners for the purpose of construction coordination and fabrication. File types will vary trade to trade.
- **2.2.3.** Federated Model is a consolidated Navisworks model generated by XL Construction and is comprised of discipline specific models.
- **2.2.4.** Record Model is a consolidated Navisworks model generated by XL Construction at the completion of the project. The model will reflect the final as built conditions of the project by incorporating the record design and record construction models.

#### 3. Design Coordination Responsibility Matrix

	Responsible Party	Schematic Design	Design Development	90% CD IFP	100% CD IFC	Construction
CIVIL	Civil		2D CAD			2D CAD
CIVIL	Civil Trade Partner					Shop Drawings
CTRUCTURA	Structural Consultant	Schematic Design	LOD-200		LOD-300	
STRUCTURAL	Structural Steel Trade Partner (DA)			Constructibility & Pricing	LOD-400	Maintain LOD-40 Federated Mode
	Architectural	Schematic Design	LOD-300		LOD-300	
ARCHITECTURAL	Arch Trade Partner			Constructibility & Pricing	LOD-400	Maintain LOD-4 Federated Mod
MECHANICAL	Mechanical Trade Partner	Schematic Design	LOD-250	LOD-300	LOD400	Maintain Federat Model
ELECTRICAL	Electrical	Schematic Design	LOD-250	LOD-300	LOD400	Maintain Federat Model
PLUMBING	Plumbing	Schematic Design	LOD-250	LOD-300	LOD400	Maintain Federat Model
PROCESS PIPING	Process Piping	Schematic Design	LOD-250	LOD-300	LOD400	Maintain Federat Model
IRE PROTECTION	Fire Protection	Schematic Design	LOD-250	LOD-300	LOD400	Maintain Federat Model

#### 4. Project Requirements and Obligations

#### 4.0. General (Typical of all phases)

#### 4.0.1. Design Team

**4.0.1.1.** Participate in the VDC Coordination meetings at the request of XL Construction.

#### 4.0.2. Owner

- **4.0.2.1.** Review federated models at regular intervals (frequency to be determined with owner) for compliance of the project intent only.
- **4.0.2.2.** Participate in the VDC Coordination meetings at the request of the XL Construction.
- **4.0.2.3.** Bring in critical end users to Coordination Meetings to review the model and provide input from their perspective. This input is extremely valuable to ensure models are created in a manner which will be more user friendly for the design team.
- **4.0.2.4.** Owner will provide direction to the design and coordination team as needed for the coordination effort.

#### 4.0.3. XL Construction

**4.0.3.1.** N/A – nothing typical of all phases

#### 4.0.4. Trade Partners

- **4.0.4.1.** Each Trade Partner shall adhere to the following guidelines in the preparation of building system models for its own work. The cost of all software, modeling, drafting, transmission, submittal, meetings, and other similar related efforts for this process shall be the responsibility of Trade Partner and are included in this subcontract. Trade Partner shall list the cost for this work in their Schedule of Values as a discrete item.
- **4.0.4.2.** Trade Partner shall reasonably consider and integrate all information provided by any other Trade Partner in its own efforts during the BIM process on this Project.
- **4.0.4.3.** Each Trade Partner WILL perform their own 'clash detection' and coordination outside of the regularly scheduled VDC Coordination meetings for the Project.
- **4.0.4.4.** Trade partners shall create their own issues in viewpoints to be used for discussion in the coordination meetings and direct coordination with other trades. These viewpoints shall be included in the trade partners' respective folders within the Navisworks platform prior to coordination meetings ("TRADE VIEWPOINTS>TRADE PARTNER").
- **4.0.4.5.** Each level of area of the project will have a coordination sign-off. This sign-off will occur on the Sign Off Document provided by XL Construction. Open issues should be minimal, or the level is not ready to be signed-off. Open and unresolved issues will be identified. The signoff does not validate trade models' code/structural compliance, as the trade is ultimately bound to code and structural drawings provided.
- **4.1.** <u>Design Phase</u> *From start to 100% DD* Design team hosts model sharing site and leads design coordination and clash detection effort.

#### 4.1.1. Design Team

- **4.1.1.1.** Create and update the design model per the Design Coordination Responsibility LOD matrix in Section 3 above.
- **4.1.1.2.** Design coordination and modeling for all disciplines to be completed in LOD-300 prior to issuance to trade partners to start Design Assist BIM Coordination.
- **4.1.1.3.** Host site used for design model collaboration and integration
- **4.1.1.4.** Run clash detection and lead the design coordination effort
- **4.1.1.5.** Provide *100% DD package* which will be used as a starting point for MEP trade partner modeling.
  - 4.1.1.5.1. The drawing package shall provide enough detail and information (for example: duct and terminal unit size and routing) for the MEP trade partners to begin their modeling efforts.

#### 4.1.2. Owner

- 4.1.2.1. Refer to general section above
- 4.1.3. XL Construction
  - 4.1.3.1. N/A

#### 4.1.4. Trade Partners

**4.1.4.1.** MEP Design Build Trade Partners, reference Design Team Section above.

## **4.2.** <u>Trade Partner Design Coordination Phase</u> – *from 100% DD to Issue for Permit* – Design team leads design coordination effort and XL leads the clash detection effort.

#### 4.2.1. Design Team

- **4.2.1.1.** Continue to update the design model per the Design Coordination Responsibility LOD matrix in Section 3 above.
- **4.2.1.2.** Provide model updates on agreed upon schedule for coordination to XL's host site (see 4.3.3 below).
- **4.2.1.3.** Participate in coordination meetings led by XL.
- **4.2.1.4.** Coordinate changes to routing with the trade partners and track via Bluebeam sessions or other suitable PDF collaboration tool.
- **4.2.1.5.** Continue to update design model so that design models and federated models closely align at the completion of the design phase.

#### 4.2.2. Owner

**4.2.2.1.** Refer to general section above

#### 4.2.3. XL Construction

- **4.2.3.1.** XL Construction will assume leadership of VDC coordination efforts upon acceptance of the *100% DD package*. The Trade Partners will begin the coordination process as per the Design Coordination Responsibility LOD matrix in Section 3 above.
- **4.2.3.2.** Provide and host a project shared site for model files to facilitate coordination.
- **4.2.3.3.** Develop and enforce the BIM schedule, coordinate issue resolution and ensure all Trade Partners are meeting team and contractual requirements.

- **4.2.3.4.** XL Construction will provide a reference point (based on the architectural model) for all authored files to align properly in Navisworks or Revizto without transforms.
- **4.2.3.5.** Run clash tests in parallel with trade partners and provide clash reports and/or saved viewpoints to the team.
- **4.2.3.6.** Troubleshoot model files with other Trade Partners to make sure they are correct as far as scale, insertion point, layering, etc.
- **4.2.3.7.** Provide and host coordination meetings. The initial Coordination Meeting will be in-person at the jobsite or XL's office (if jobsite is NOT available) and additional meetings may be conducted by Webex or similar online conference system software. Meeting formats are at the discretion of XL Construction.

#### 4.2.4. Trade Partners

- **4.2.4.1.** Review and accept *100% DD package* to initiate modeling as per the design coordination responsibilities LOD matrix.
- **4.2.4.2.** Provide model updates as needed for coordination to XL's host site.
- 4.2.4.3. Participate in coordination meetings led by XL.
- **4.2.4.4.** Coordinate changes to routing with the design team and track via Bluebeam sessions or other suitable PDF collaboration tool. (Only applicable to Design Assist trades)
- **4.2.4.5.** The design (LOD 300) sign-off process will consist of a meeting to review open viewpoints and the assignment and acceptance of those views and responsibilities. At which time a snapshot of the model will be saved and documented in Procore. No further updates for these models will be used for design review, and any further updates will be for fabrication purposes only. A short narrative will accompany this process outlining exceptions and exclusions, to which all parties will agree upon.

#### 4.2.4.6.

**4.3.** <u>Construction Phase</u> - *from Issue for Permit Set thru construction* – Design team updates design model and issues official updates as needed, and XL leads the LOD-400 fabrication model coordination efforts.

#### 4.3.1. Design Team

- **4.3.1.1.** Modify the Design model internally as needed to issue revisions to the contract documents including, but not limited to, supplemental sketches, RFIs, bulletins, design changes and change order directives.
- **4.3.1.2.** Provide internally updated design models at predetermined intervals or at the XL Construction's request. Reissue of the design models should coincide with the issue of a significant change to the contract drawings as stated above.
- **4.3.1.3.** Any changes to an IFC document, unless it is resolving a Hold, should be coordinated with a brief narrative, as required, with the trade partners and XL Construction.

#### 4.3.2. Owner

**4.3.2.1.** Refer to general section above

#### 4.3.3. XL Construction

- **4.3.3.1.** Continue responsibilities assumed in the Design Phase from the DD progress set to completion of the DD package.
- **4.3.3.2.** Incorporate updated design models into the federated construction model for coordination as direction to proceed with design changes are provided to XL.

#### 4.3.4. Trade Partners

- 4.3.4.1. Continue model updates and participation in coordination meetings led by XL.
- **4.3.4.2.** The fabrication (LOD 400) sign-off process will consist of a meeting to review open viewpoints and the assignment and acceptance of those views and responsibilities. At which time, a snapshot of the model will be saved and referenced into the sign-off documentation. No further updates for these referenced models will be allowed, however, teams may incorporate final updates to address open viewpoints from the sign-off process to validate the shop drawing accuracy for field installation. Any further updates will be for as-built purposes only. A short narrative will accompany this process outlining exceptions and exclusions, to which all parties will agree upon.

# 4.4. Record Phase – As built of design and fabrication models.

# 4.4.1. Design Team

- **4.4.1.1.** XL Construction and/or trade partners will clearly document changes to drawings and return to Design Team for final record design model revision.
- **4.4.1.2.** Initiate, maintain and provide the respective Design Team model to capture RFI's and bulletins throughout the life of the project. Redline as-builts will be submitted in total at the end of construction for their inclusion into the record design model.

#### 4.4.2. Owner

4.4.2.1. Refer to general section above

# 4.4.3. XL Construction

- **4.4.3.1.** XL Construction and/or trade partners will clearly document changes to drawings and return to Design Team for final record design model revision.
- **4.4.3.2.** Manage trade partner completion of VDC related turnover documents including and not limited to red-line design drawings, as-built shop drawings, native software files and record federated model.

#### 4.4.4. Trade Partners

- **4.4.4.1.** XL Construction and/or trade partners will clearly document changes to drawings and return to Design Team for final record design model revision.
- **4.4.4.2.** Provide all VDC related turnover documents including and not limited to red-line design drawings, as-built shop drawings, native software and .nwc files.

# 5. Collaboration Activities

5.1. Meetings

MEETING TYPE	PROJECT STAGE	FREQUENCY	PARTICIPANTS	LOCATION
Trade Partner	Design	Weekly (As Needed)	Design Partners + XL	Online
Design Coordination		(As Needed)		
Coordination –	CD/	Weekly	XL- CT PM, PM,	Online
Construction	Construction		Super	
			Trades- Detailer, PM/Foreman	
Individual Trade	Until BIM	Weekly	Single trade + XL CT	Online
Coordination (ITC)	Signoff of All	(As needed)	and/or another XL team	onnic
	Areas	( )		
Coordination –	Post	TBD		TBD
Record Model	Construction			
Lessons Learned	Post	TBD		TBD
	Construction			

# 5.2. Project Share Site

**5.2.1.** A share site will be provided by XL for the uploading of 3D models, 2D documents, coordination files, or any other materials produced by the Coordination Team for the purpose of collaborative BIM development and coordination. These models shall be accessible to all parties of the BIM Execution Plan for design and construction coordination purposes.

# 5.3. Format for System Model file naming: [LEVEL]-[PROJECT]-[COMPANY]-[SCOPE]

*Example:* **01-COSMWC-XLC-ELEC-LTG.NWC** (Scope abbreviations or full names can be used where practical. Do not append dates to the filenames; the shared site will version each upload /revision to the file for tracking purposes.

- **5.3.1.** Scope abbreviations or full names can be used where practical.
- **5.3.2.** Do not append dates to file names as the shared file site will version each upload/revision.
- **5.3.3.** Maintain consistent file names throughout the life of the project. This ensures that links and Navisworks Search Sets work as intended when files are updated.

# 6. Coordination Requirements

Trade Partners shall complete their own models in a 3D (Navisworks compatible) format and distribute the models in an electronic file to the Coordination Lead, who will perform clash detection and constructability review among all Trade Partners' models and will distribute the results. Trade partners must coordinate all modeled elements to contract drawings (ex. Architectural and Structural details).

# 6.1. Coordinate System Verification

- **6.1.1.** XL Construction will utilize the **Architectural model** as a baseline for the coordinate system. XL construction will acquire the coordinates from this model and use these locations as the datum for the coordination process.
- **6.1.2.** XL Construction will provide documentation on the acquired project base point, stating the northing, easting, elevation, and rotation from true north.
- **6.1.3.** Teams utilizing Revit will need to acquire these coordinates from the Architectural model as well to maintain a common coordinate system
- **6.1.4.** Teams utilizing AutoCAD or other authoring software will have the origin point provided to them with northing, easting, elevation, and rotation information to maintain a common coordinate system.

# 6.2. General Coordination Requirements

- **6.2.1.** Trade Partner shall familiarize itself with requirements of other Trade Partners and coordinate its own work with others to provide the best possible combined installation for the benefit of the Project.
- **6.2.2.** Trade Partners shall identify in the model any element such as anchors, embeds, miscellaneous iron, supports, bracing, cast-in-place curbs, block-outs, and other such elements that are required for their work, even if other Trade Partners provide and install any such element.)
- **6.2.3.** The model shall allow for printable shop drawings, including dimensions and location of specific trade elements.
- **6.2.4.** Identify on shop drawings any elements of work, which will have to be left out until the final pieces of their work are installed or shall break down and reassemble their work as required or make other arrangements at their cost.
- **6.2.5.** Submit final shop drawings reflecting the results of space coordination with other Trade Partners.
- **6.2.6.** Provide offsets as required to maintain required clearance and coordinate with the work of others in a manner to allow all elements to be incorporated in the most efficient manner for the benefit of the Project Schedule.
- **6.2.7.** Coordinate work with other trades to allow installation of all exposed work in coordinated symmetrical patterns, or to comply with Architectural reflected ceiling plans.
- **6.2.8.** The Trade Partners are expressly responsible for ensuring that the coordinated, signed-off locations of their work are communicated to their field foreman and field teams. Trade Partners shall perform quality control inspections, as needed, to verify that work is being installed per the coordinated drawings. XL can help facilitate these meetings to ensure proper communication is happening between the Coordination Team and the Field Teams.

- **6.2.9.** Update the model as needed to reflect changes which affect the Trade Partners' work, including, but not limited to: RFI responses, submittal comments, field changes, ASI's, Change Orders, etc.
- **6.2.10.** If any Trade Contractor installs any elements in the field that deviate from the signed off coordination models, they do at their own risk, and may be required to remove/reinstall their systems at their own cost and pay for the rework of any other impacted trades. If something will not fit in the field due to an element in the field that was not contemplated during the coordination process, Trade Contractor or Partner shall notify XL and the Design Team of the revision, update their coordination/fabrication models with the revision, recoordinate the revised model with all affected trade models (led by XL) until deemed resolved. The revised model and shop drawings do not need to be resubmitted but will rather become part of the final as-built model.

#### 6.3. Coordination Process

- **6.3.1.** Trade Partners must post their <u>3D system models in a .NWC format</u>, at least one work day before the next coordination meeting to ensure XL Construction has a chance to review, merge models and run clash detection.
- Example: If the coordination meeting is on Monday at 10:00 am, all models are required to be posted by Friday at end of business day.
- **6.3.2.** Coordination team members will post their 3D system models in the proper folder on the shared site as directed by XL Construction.
- **6.3.3.** Trades will utilize <u>Navisworks Manage</u> to view current clash results of the live model. In their respective clash tests, Trade Partners will then approve all clashes they deem field configurable/constructible to limit the number of frivolous conflicts. XL Construction will be taking a 'Move or Approve' stance with clash results. Those conflicts which cannot be remedied will be the topics for conversation at our weekly coordination meetings.
- **6.3.4.** If Trade partners are changing authoring platforms between the design and fabrication process (Example: Revit to AutoCAD), this will be done in such a way to negate any delays to the coordination schedule. XL Construction will not build time into the coordination schedule to accommodate this transition.
- **6.3.5.** Owner/Architect/Engineer/Consultants/Framing/Seismic Bracing and other specialty Trade Partners shall attend coordination meetings as necessary to advise on issues that arise from the Coordination Process.
- **6.3.6.** At the conclusion of each coordination meeting the Master Model (as reviewed during the coordination meeting), which includes saved viewpoints of open issues, will be posted to the shared site for the group's use and documentation.
- 6.3.7. XL Construction will post Weekly Progress Models (after each Coordination Meeting) in a .NWD format following the meeting. This model will have up to date Coordination issues saved and the statuses of these issues will be updated in the Coordination Issues Log (Procore Coordination Issues)
- **6.3.8.** XL Construction, at their sole discretion, has the right to remove a Trade Partners' team member from the coordination process if that team member is not able to effectively

coordinate or is in another way non-responsive, which leads to a greater team inefficiency. This action will be communicated ahead of time. It is the Trade Partners' responsibility to provide an effective team member for coordination and the replacement will occur at the Trade Partners' cost.

- **6.3.9.** Trade Partners must "pre-coordinate" their model with the proposed work of other building systems, structural elements and architectural elements as it is being developed. This way the first model submitted *already considers* known obstructions or space limitations. To achieve this, Trade Partners are required to communicate with the other trades independently and share files & information as required in preparation for model submission to XL Construction.
- **6.3.10.** Trade Partners shall participate in ALL coordination meetings with XL Construction and the other trades participating in the VDC Coordination efforts to review conflicts and clash reports, and to jointly develop clash resolutions. These meetings will be held weekly, or as needed, at the discretion of XL Construction. For these meetings, Trade Partners shall provide personnel with the authority, and capability of addressing and resolving conflicts, as well as the cost/schedule implications they may have.
- **6.3.11.** In general, the routing of major systems shall not greatly deviate from that shown on the design documents unless rerouting is agreed to by XL Construction and the design team. If all trades cannot agree upon a solution to a conflict, XL Construction will determine that solution for the team to maintain forward progress.
- **6.3.12.** Trade Partners shall implement the solutions in a revised model and re-submit. XL Construction shall make the final determination as to whether a conflict or discrepancy has been sufficiently resolved and the Coordination Lead will update the clash report to reflect this.

#### 6.4. Clearance and Access Zone Coordination

- **6.4.1.** All models must include clearances, egress zones, and access zones for code requirements and for anything requiring a human hand to touch it for operating or maintaining the facility. Clearance zones need to be modeled to an accuracy reflecting required access for a particular item, with transparency and extended to the top of the floor below in the Coordination Model.
- **6.4.2.** Clearance and Access zones need to be coordinated in 2D, in addition to 3D, by using a reflected ceiling plan that shows the specific ceiling tile or access panel that will be used to access that item. Only ceiling tiles clear of object obstructions (sprinkler heads, light fixtures, fire alarms, etc.) shall be utilized for access.
- 6.4.3. Structural Coordination Drawings any structural coordination items (beam/shear wall penetrations, deck/slab penetrations, or structural opening and/or penetration) will need dimensioned drawings and elevations provided to XL from the trade partners. If applicable, these will need to be coordinated and/or combined with other trade drawings, which will be completed by XL Construction.

# 6.5. Coordination System Priorities

- **6.5.1.** The modeling effort will identify space constraints and system conflicts. These will require each participant to relocate its systems to coordinate with the design, engineering, or work by other participants. It is anticipated that each participant will have to relocate at least some of its systems. Trade Partner shall plan for this in the modeling efforts, the following construction efforts, and the Base Bid.
- **6.5.2.** Below is a hierarchy of model elements and the sequencing by which the systems will be coordinated:
  - a. Building Structure
  - b. Existing Systems
  - c. King studs, headers, opening and penetrations.
  - d. Top track, jambs, headers, and corner studs of Wall Framing
  - e. Gravity Systems
  - f. Mechanical Main Duct
  - g. Recessed Light Fixtures and supports
  - h. Owner dictated access requirements
  - i. Overhead miscellaneous steel supports
  - j. Fire Mains
  - k. Plumbing and Mechanical 4" or greater
  - I. Electrical Conduit Racks and Cable Tray including clearances
  - m. Duct Branch lines and Appurtenances
  - n. HVAC Piping
  - o. Plumbing pressure systems
  - p. Fire Branch line and Drops
  - q. Electrical Ceiling Devices
  - r. Hangers and Seismic Bracing
  - s. Sleeves/Penetrations through Rated Partitions
  - t. Acoustic and Non-Rated Top of Wall
  - u. Above ceiling bracing for drywall partitions
  - v. Framing and Drywall (not including king studs, headers, openings, and penetrations)

# 6.6. Wall and Shaft Coordination

- **6.6.1.** Prior to layout of walls by others, Trade Partners shall coordinate their in-wall rough-in and support requirements with the wall types specified, and shall advise XL Construction in writing of any dimensional or structural support discrepancies; otherwise, the Trade Partner(s) shall be responsible for costs to revise the work, including reframing, etc.
- 6.6.2. Prior to modeling any floor plans the mechanical and electrical Trade Partners shall coordinate the vertical pipe and duct shafts and openings in the decks. Deck openings shall be minimized to allow at least six inches of clear deck inside the shaft walls. The clear deck areas are needed to support and anchor the ends of the duct and pipe supports. Include all seismic and vibration isolation requirements.
- **6.6.3.** Any necessary cores or floor penetrations will be modeled and coordinated.

**6.6.4.** If shaft bottoms exist these shall be fully coordinated and modeled and may need to be reviewed and approved by the architect and engineers of record.

# 7. Model Quality Control

**7.1.** The overall strategy for model quality during the design and construction modeling phases requires that XL be responsible for checking trade and design partner models, as well as model integrity, periodically during the drawing and coordination processes. If deficiencies are found, the responsible party will be notified and required to comply. XL will work to verify the models reflect the scope of work as required.

CHECKS	RESPONSIBLE	SOFTWARE	FREQUENCY			
	PARTY	PROGRAMS(S)				
VISUAL CHECK	XL	NAVISWORKS/REVIT	EACH COORDINATION CYCLE			
INTERFERENCE	XL	NAVISWORKS/REVIT	EACH COORDINATION CYCLE			
CHECK						
STANDARDS	XL	NAVISWORKS/REVIT	EACH COORDINATION CYCLE			
CHECK						
MODEL	XL	NAVISWORKS/REVIT	EACH COORDINATION CYCLE			
INTEGRITY						
CHECKS						
ADDITIONAL QC	TBD	TBD	AS REQUIRED			
CHECKS						

7.2. Quality Control Checks

- **7.3.** If Trade Partner lacks the in-house experience, hardware, or software to accurately create the 3D model, it may, with approval from XL Construction, outsource this process to a third party.
- **7.4.** Trade Partners shall remain fully responsible for all costs resulting from the model building and shall be responsible for the accuracy of the model.
- **7.5.** XL Construction may reject any model that is inaccurate, improperly formatted, or otherwise deemed unfit for its purpose. Trade Partners shall bear all costs resulting from the Trade Partners' model correction & re-submittal, including expediting premiums.
- **7.6.** If Trade Partners fails to provide an accurate model per the Project Schedule requirements XL Construction may prepare a suitable model through its own resources or agents, and Trade Partners shall be responsible for all reasonably incurred expenses.
- **7.7.** Where XL Construction provides a model on the Trade Partners' behalf, the Trade Partners shall be responsible for the accuracy of the model as it relates to the systems as they will be installed. The Trade Partners shall receive progress versions of the model from XL Construction, and shall sign off on the model as correct, or provide a detailed, itemized list of discrepancies or corrections needed. This signoff shall be done in a timely manner to achieve the project schedule. After the signoff, the Trade Partners will be responsible for any inaccuracies in the model.

# 8. Model Detail for VDC/BIM Coordination

#### 8.1. LOD Matrix

The Project Team shall continue development of their Building Information Models to the level of detail so that all design/trade work can be coordinated. The anticipated uses will inform the creation of the Model Progression Specification. AGC has developed standard industry language to define level of development. Cross reference the definition below with the predefined LOD matrix to better understand submission requirements per phase.

- LOD100: The Model Element may be graphically represented in the Model with a symbol or other generic representation but does not satisfy the requirements for LOD 200. Information related to the Model Element (i.e., cost per square foot, tonnage of HVAC, etc.) can be derived from other Model Elements.
- LOD200: The Model Element is graphically represented within the Model as a generic system, object, or assembly with approximate quantities, size, shape, location, and orientation. Non-graphic information may also be attached to the Model Element.
- LOD300: The Model Element is graphically represented within the Model as a specific system, object or assembly in terms of quantity, size, shape, location, and orientation. Non-graphic information may also be attached to the Model Element.
- LOD350: The Model Element is graphically represented within the Model as a specific system, object, or assembly in terms of quantity, size, shape, location, orientation, and interfaces with other building systems. Non-graphic information may also be attached to the Model Element.
- LOD400: The Model Element is graphically represented within the Model as a specific system, object or assembly in terms of size, shape, location, quantity, and orientation with detailing, fabrication, assembly, and installation information. Non-graphic information may also be attached to the Model Element.
- LOD500: The Model Element is a field verified representation in terms of size, shape, location, quantity, and orientation. Non-graphic information may also be attached to the Model Elements.

#### 8.2. General Concepts:

- 8.2.1. Clearance requirements: areas in which there cannot be anything. These must be contained on one dedicated layer. Both horizontal and vertical clearances, <u>TO THE</u> <u>FLOOR PLANE</u>, must be modeled.
- **8.2.2.** Working areas around equipment, such as J-boxes, VAVs, Fan Coil Units, valve handles, etc.
- **8.2.3.** Structural penetrations and block outs: required for building coordination and routing of other trades; including prefabrication.
- **8.2.4.** Required areas around Equipment; modeled as a clearance zone.
- **8.2.5.** Swing areas around Electrical Panel doors and equipment.
- **8.2.6.** Pre-Fabrication: anything that will be prefabricated should be included in the Coordination Model to ensure proper space and connection for installation.
- **8.2.7.** Hangers and Supports: needed to support the various systems to ensure those systems can be installed as coordination including seismic supports and their intended

locations. Include Areas/Zones of Influence for hangers per direction of Engineer of Record.

**8.2.8.** If a detail is not provided in the drawing set for an element being modeled, an RFI must be submitted for clarification and acceptance. The provided details are the only acceptable means and methods for construction, as such, any deviation from these methods will need approval.

# 8.3. Architectural Model(s):

- **8.3.1.** Exterior Walls: including thickness, height and skin system seams with appropriate penetration and waterproofing parameters.
- **8.3.2.** Exterior Curtain Walls: including thickness and height and spacing of Curtain Wall system components. Required for identification of rainwater and overflow leaders and well as bracing and support requirements
- **8.3.3.** Interior Walls: including thickness and height and openings: required for routing main utilities, locating mechanical equipment, identification of priority wall framing, wall penetrations, wall coverings such as wood panels, required fire stopping and bracing.
- 8.3.4. Doors: Exterior and Interior
- 8.3.5. Floors
- 8.3.6. Stairs and Ramps
- **8.3.7.** Hard Ceilings and Soffits: required for identification of HVAC diffuser locations, electrical fixture locations and routing of overhead systems.
- **8.3.8.** Suspended acoustical ceilings: required for identification of HVAC diffuser locations, electrical fixture locations and routing of overhead systems. Modeled with clearance behind ACT to allow access for installation.
- **8.3.9.** Shafts and Wall Chases: required for identification of accurate locations of HVAC shafts, plumbing chases and plumbing vents.
- **8.3.10.** Architectural Features: required for routing of MEPFP systems
- **8.3.11.** Light Fixtures: Architect will be responsible for initial location of light fixtures. During BIM coordination, electrician will take responsibility for higher LOD light fixtures and hangers.
- **8.3.12.** Architectural/ Owner Provided Equipment: for building coordination and routing of other trades/ clearances; Manufacturer models should be obtained for equipment procured for the project when available, or they must be drawn as 3D objects with accurate connection points.
- 8.3.13. Casework
- **8.3.14.** Fire Extinguisher Cabinets
- 8.3.15. Exterior Penetration

#### 8.4. Structural Model(s):

- 8.4.1. Beams and Columns: required for coordination of building systems
- **8.4.2.** Braces and Gusset Plates: required for coordination of building systems
- 8.4.3. Seismic bracing: required for coordination of building systems

- **8.4.4.** Structural Trusses: required for coordination of building systems
- 8.4.5. Stairs/ Platform Framing: required for coordination of building systems.
- **8.4.6.** Embeds: required for coordination with other building systems
- **8.4.7.** Miscellaneous support: required for coordination of building systems (i.e., support steel for operable partitions)
- **8.4.8.** Foundations: required for coordination of building systems and structural member connections. This will include reinforced steel (rebar), anchor bolts, and all elements needed for coordination of various trades.
- 8.4.9. Protected Zones at Brace Frames/ Structural Beams: modeled to prevent any elements from coming within the designated area of protected connection points and altering the structural integrity/composition. Though some instances of bolting to these areas may be allowed, these instances will need specific SEOR approval to do so.
- **8.4.10.** Fireproofing: Monokote or equivalent fireproofing is to be modeled with accurate thickness and location to account for areas needing beam attachments prior to installation and accurate spatial coordination near structural elements.

# 8.5. Mechanical Model(s):

- **8.5.1.** Duct and Insulation: for building coordination and routing of other trades; including prefabrication
- **8.5.2.** Shaft and riser locations: for building coordination and routing of other trades; including prefabrication; location of dampers and access
- **8.5.3.** Structural penetrations and block outs: required for building coordination and routing of other trades; including prefabrication.
- **8.5.4.** Mechanical Dampers: for building coordination and routing of other trades; including access requirements to dampers
- **8.5.5.** Flex Duct and Insulation: for building coordination and routing of other trades; connection to diffusers
- **8.5.6.** Diffuser Location and Sizes: for building coordination and coordination with other required fixtures in a space
- **8.5.7.** Hangers, Racks, and Seismic Bracing: for building coordination and routing of other trades; including prefabrication
- **8.5.8.** Mechanical Piping and Insulation: lines 1" or larger (includes insulation) for building coordination; including prefabrication; verification of required clearances for installation at equipment
- **8.5.9.** Mechanical Equipment: for building coordination and routing of other trades; including prefabrication; Manufacturer models should be obtained for equipment procured for the project when available, or they must be drawn as 3D objects with accurate connection points.
- **8.5.10.** Pneumatic Tube: for building coordination and routing of other trades; including prefabrication; Manufacturer models should be obtained for equipment procured for the project when available, or they must be drawn as 3D objects with accurate connection points.

- **8.5.11.** All clearance and access requirements: for building coordination and routing of other trades; including prefabrication. Clearance and access zones are to be modeled to the floor plane to avoid clashes with other systems and verify accessibility.
- **8.5.12.** Duct mains, branches, and any existing connection points should be differentiated by a layer or parameter in order to isolate clashes pertaining to each.
- **8.5.13.** Point Load Analysis: Inserts are to be modeled with area of affected load "halos" for coordination of structural weight criteria of suspended utilities. Coordination of these halos will be based on definitions provided by SEOR and submitted to SEOR after coordination for final approval.
- **8.5.14.** Thermostats, sensors, in-wall devices: for building coordination of in-wall items.

# 8.6. Electrical, Low Voltage, and Fire Alarm Model(s):

- **8.6.1.** All conduit 1 1/4" or larger is required
  - **8.6.1.1.** Any conduit is required if 3 or more are in the same directional vicinity (each conduit within 1 diameter width apart from each other). These can be on a common run (rack) or separated and hung singularly. These conduits will be individually modeled. A 'Block-out' will not be adequate.
- **8.6.2.** Structural penetrations and block outs: required for building coordination and routing of other trades; including prefabrication.
- **8.6.3.** Junction/Pull boxes: for building coordination and routing of other trades; including prefabrication
- **8.6.4.** Lighting fixtures and required supports for building coordination and coordination with other required fixtures in a space.
- **8.6.5.** Cable trays, J Hanger Pathways and required accessories: for building coordination and routing of other trades; including prefabrication. Pathways to incorporate clearance area needed per manufacturers/ owners' specifications.
- **8.6.6.** Hangers, Racks, and Seismic Bracing: for building coordination and routing of other trades; including prefabrication
- **8.6.7.** Electrical equipment: for building coordination and routing of other trades; including prefabrication; Manufacturer models should be obtained for equipment procured for the project when available, or they must be drawn as 3D objects with accurate connection points.
- **8.6.8.** Equipment Panels Useful for coordinating with wall framing to determine backing, etc.
- **8.6.9.** All clearance and access requirements: for building coordination and routing of other trades; including prefabrication. Clearance and access zones are to be modeled to the floor plane to avoid clashes with other systems and verify accessibility.
- **8.6.10.** Receptacles, Switches, Specialty Items: for building coordination of in-wall items.
- **8.6.11.** Electrical and telecommunication items shall be differentiated from each other, as well as have nomenclature depicting existing elements to prioritize conflict detection between these systems.

**8.6.12.** Point Load Analysis: Inserts are to be modeled with area of affected load "halos" for coordination of structural weight criteria of suspended utilities. Coordination of these halos will be based on definitions provided by SEOR and submitted to SEOR after coordination for final approval

#### 8.7. Plumbing and/or Process Piping Model(s):

- **8.7.1.** Plumbing fixtures: for building coordination and routing of other trades; including prefabrication
- **8.7.2.** Graded pipe lines: for building coordination and routing of other trades; including prefabrication
- **8.7.3.** Underground storm and sewer pipes and any existing connection points: for building coordination and routing of other trades; including prefabrication
- **8.7.4.** All major waste and vent lines and any existing connection points: for building coordination and routing of other trades; including prefabrication
- **8.7.5.** Pressurized Piping: Any existing connection points and insulation/jacketing: for building coordination and routing of other trades; including prefabrication
- **8.7.6.** Hangers and Seismic Bracing: for building coordination and routing of other trades; including prefabrication.
- **8.7.7.** Structural penetrations and block outs: required for building coordination and routing of other trades; including prefabrication.
- **8.7.8.** Plumbing equipment: for building coordination and routing of other trades; including prefabrication; Manufacturer models should be obtained for equipment procured for the project when available, or they must be drawn as 3D objects with accurate connection points.
- **8.7.9.** All clearance and access requirements: for building coordination and routing of other trades; including prefabrication. Clearance and access zones are to be modeled to the floor plane to avoid clashes with other systems and verify accessibility.
- **8.7.10.** Plumbing elements and accessories shall have layer identification differentiating pressurized or graded piping, as well as have nomenclature depicting existing elements to prioritize conflict detection between these systems.
- **8.7.11.** Point Load Analysis: Inserts are to be modeled with area of affected load "halos" for coordination of structural weight criteria of suspended utilities. Coordination of these halos will be based on definitions provided by SEOR and submitted to SEOR after coordination for final approval
- **8.7.12.** Valves, cleanouts, in-wall devices: for building coordination of in-wall items.

#### 8.8. Fire Sprinkler Model(s):

- **8.8.1.** Sprinkler mains and branches and any existing connection points: for building coordination and routing of other trades; including prefabrication
- **8.8.2.** Sprinkler head drops: for building coordination and coordination with other required fixtures in a space

- **8.8.3.** Structural penetrations and block outs: required for building coordination and routing of other trades; including prefabrication.
- **8.8.4.** Sprinkler equipment: for building coordination and routing of other trades; including prefabrication; room layout and clearance requirements. Manufacturer models should be obtained for equipment procured for the project when available, or they must be drawn as 3D objects with accurate connection points.
- **8.8.5.** All clearance and access requirements: for building coordination and routing of other trades; including prefabrication. Clearance and access zones are to be modeled to the floor plane to avoid clashes with other systems and verify accessibility.
- **8.8.6.** Fire Protection elements and accessories shall have layer identification differentiating main or branch piping, as well as have nomenclature depicting existing elements to prioritize conflict detection between these systems.
- **8.8.7.** Point Load Analysis: Inserts are to be modeled with area of affected load "halos" for coordination of structural weight criteria of suspended utilities. Coordination of these halos will be based on definitions provided by SEOR and submitted to SEOR after coordination for final approval

# 8.9. Metal Wall Framing

- **8.9.1.** Critical Wall Elements: Elements that cannot be easily cut for coordination of MEP opening through walls.
- **8.9.2.** Above ceiling support steel/ framing: Framing and kickers that may be in the above ceiling space are modeled for coordination with other building content such as MEP passing along the wall in the above ceiling spaces. Elements modeled to support suspended systems, such as operable partitions, specialty ceilings, etc.
- **8.9.3.** Openings/Penetrations: Model structural elements such as king studs, headers, and jambs at openings/penetrations
- **8.9.4.** Backing: Framing contractor to provide all backing for architectural items requiring support.

# 9. Coordination of Reflected Ceilings

- **9.1.** Reflected Ceiling plans for each level will be coordinated in a combined 2D plan to efficiently layout and locate ALL required ceiling device locations and required access and maintenance clearance areas. Includes the following:
  - **9.1.1.** Access and Maintenance zones required to SAFELY serve and maintain ALL overhead Equipment including HVAC equipment, valves, electrical pull boxes and junction boxes, Fire Protection valves ALL items that need overhead access will be identified.
  - **9.1.2.** HVAC supply, return, exhaust and other ceiling registers or diffusers
  - 9.1.3. Light fixtures whether flush, surface mounted or suspended
  - 9.1.4. Cable tray and required access to add or maintain
  - **9.1.5.** AV equipment and required access including projectors, TVs, speakers, sound masking, etc.
  - **9.1.6.** Security equipment including cameras, etc.
  - **9.1.7.** Fire Protection sprinkler heads
  - **9.1.8.** Data devices such as Wireless access points, etc.
  - 9.1.9. Occupancy sensors
  - **9.1.10.** Fire Alarm devices including strobes and smoke detectors, etc.
  - **9.1.11.** Ceiling mounted devices including electrical outlets, data outlets, Ceiling Service Panels, etc.
  - **9.1.12.** Signage including exits signs, etc.
  - **9.1.13.** Architecturally significant items installed at ceiling including ceiling fans, specialty fixtures, etc.
  - 9.1.14. All items required to be mounted at the ceiling or access above the ceiling plane

# **10. VDC Field Verification Plan**

- **10.1.** XL Construction will provide a coordinated dimensional control plan to ensure all trades are using the same project coordinate system to locate their scope of work.
- **10.2.** All Trade Partners will use this coordinate system to coordinate the approximate location, elevation and sizes of building elements that rely on each other for their respective location (i.e., Wall locations and plumbing/electrical stub ups, etc.)

# **11. Software and Drawing Types**

- **11.1.** The BIM Manager shall utilize interconnected models developed by each Trade Partner, sub-tier Trade Partner or specialty trade whereby Trade Partners shall utilize software compatible with Autodesk Navisworks/Revizto, or any other software that XL Construction requires elsewhere in the Contract Documents.
- **11.2.** Trade Partners shall develop, modify, and maintain its own models, which shall include, but not be limited to, plans, elevations, details, shop drawings or other related documents, incorporating any revisions, addendums, bulletins or other project modifications along with any other project related information, in accurate coordinates and dimensions.
- **11.3.** If XL Construction official software version is older than the release currently available, Trade Partners may convert to the newer released version, provided it maintains compatibility with XL

Construction chosen version. It shall be the responsibility of the Trade Partners to maintain compatibility, and any costs related to ensuring compatibility.

**11.4.** All models submitted to XL Construction shall conform and adhere to the standards contained herein throughout the duration of the project.

# 12. BIM Acronyms, Terms and Definitions

# 12.1. Terms

- 12.1.1. <u>BIM or 3D model</u>: The Building Information Model is a parametric, data rich, digital virtualization of the Project design developed by the Architect, the Architect's consultants, and design-build Trade Partners, and includes construction details developed by the Architect, the Architect's consultants, the General Contractor (XL Construction) and the XL Construction's sub-contractors. As used in this Agreement, references to Building Information Model, BIM, or the model, include the primary design model or models, and all linked, related, affiliated or subsidiary models developed for the design, detailing, estimating, fabrication, or construction of the Project, or of any portion or element of the Project.
- **12.1.2.** <u>Level of Development / Detail</u>: The Level(s) of Development / Detail (LOD) describes the level of completeness to which a Model Element is developed.
- 12.1.3. <u>Model Element</u>: A Model Element is a portion of Building Information Model representing a component, System or Assembly within a building or building site. For purposes of this BIM Execution Plan, Model elements may be:
- Existing Components: Any element within the project boundary that is to remain during construction.
- Substructures: including foundations
- Shell: including superstructures for floor and roof construction; exterior enclosure for exterior walls, exterior windows, exterior doors; roof covering and roof openings
- Interiors: including interior construction for partitions, interior doors, fittings; stair construction and finishes; interior finishes for walls, floors, and ceilings.
- Services: including conveying systems (elevators); plumbing systems, HVAC systems; fire protections systems; electrical systems for service and distribution, lighting and branch wiring, communications and security, and other electrical systems.
- Equipment and Furnishings (as appropriate to the Project): including lab equipment, medical equipment; audio visual equipment, kitchen equipment, LN2 equipment, owner furnished contractor installed equipment (OFCI), owner furnished owner installed equipment (OFOI); loading equipment and other elements deemed necessary.
- **12.1.4.** <u>Model Author</u>: The Model Author is the discipline responsible for developing the content of a specific model to the LOD required.
- **12.1.5.** <u>Model User</u>: The Model User refers to any individual or entity authorized to use and/or reference the model.

# 12.2. Definitions

- **12.2.1.** <u>As-Built Documents</u>: As-Built documents are the collection of paper drawings or electronic drawings that typically reside in the contractor's onsite trailer that contain mark-ups, annotations, and comments about the changes that have been made to the contract documents during the construction phase.
- **12.2.2.** <u>As-Built Model:</u> Design Intent Models that have been updated throughout the construction process. These change and updates have been communicated from the Contractor to the Design Team through the comments, annotations, and mark-ups from the As-Built Documents. These typically, but not always, are discipline specific models.
- **12.2.3.** <u>Background files:</u> 2D files from the Project Team and used in Coordination by the Coordination Team in their files as an XREF or external reference.
- **12.2.4.** <u>BIM Execution Plan:</u> A Plan that is created collaborative with Project Stakeholders. The BEP helps define roles and responsibilities within a Project Team.
- **12.2.5.** <u>Design Team</u>: The Design Team is the Architect and all of the consultants that provide design services for a project. These design services can be rendered at any time during the project.
- **12.2.6.** <u>DWG:</u> AutoCAD file format
- **12.2.7.** <u>DXF</u>: 'Drawing Exchange Forma' and is used in exchanging components between CAD applications.
- **12.2.8.** <u>IFC:</u> 'Industry Foundation Class' is a neutral and open specification that is not controlled by a single vendor or group of vendors. It is an object-based file format.
- **12.2.9.** <u>LOD:</u> 'Level of Development' or 'Level of Detail' is a term used to define the process or progress of the model contents. The LOD can change as the project progresses.
- **12.2.10.** <u>Object Enablers:</u> Application or file in AutoCAD or Navisworks which allows special objects to be seen in those programs. Usually, these objects are produced in special fabrication and detailing programs within AutoCAD.
- 12.2.11. Pre-Fabrication: The process of developing and fabricating components offsite
- **12.2.12.** Project Stakeholders. Project stakeholders are individuals who have an interest or concern in the project, both prior to, during and after project completion. Project stakeholders are typically members of the campus community, including facilities managers, users in adjacent buildings and building end users
- **12.2.13.** <u>NWF</u> Navisworks file, a dynamic file that will change as the component files are modified and updated. This will occur visually as the model is refreshed, reopened, or another file is appended.
- 12.2.14. <u>Navisworks</u>: Navisworks is a software that allows for the viewing of multiple model formats. This ability to 'view' these files also allows for Navisworks to simulate the interaction between model files. That includes collision detection, scheduling activities and overall coordination.
- **12.2.15.** <u>NWD</u> Navisworks drawing file, a static model that is a snapshot in time, which is published from a NWF file.
- **12.2.16.** <u>NWC</u> Navisworks cache file, a 'cookie' type of file that Navisworks automatically creates to speed up the loading process.
- **12.2.17.** <u>RVT</u> Revit project file, the is commonly the original design team file format and a typical format for Trade Partners design and fabrication of MEPFP systems.
- **12.2.18.** <u>Shop Drawings:</u> Shop Drawings are produced from the coordinated models of each trade partner and include all dimensioning and labeling. These drawings are submitted for approval to the Design Team. The drawings are used in the field for installation and erection

# 13. General Guidelines

# 13.1. The Basics

These General Guidelines are neither an instruction manual for developing models, nor a complete guideline for the preparation of required construction documents. Trade Partners must have a working knowledge of both and shall be responsible for any errors or omissions, additional work or costs incurred as a result of Trade Partners' failure to have the required familiarity with all guidelines. Trade Partners shall be responsible for the preparation of its models in a professional manner that meets the basic requirements typical of the architectural and construction professions including:

- **13.1.1.** Providing all the information that is necessary to complete its project assignment.
- **13.1.2.** Maintaining accuracy and precision throughout its models.
- 13.1.3. Under no circumstances shall the Trade Partners maintain separate 2D and 3D files to show the same work. The work must be modeled in a 3D software program that can generate 2D drawings when necessary. The 2D drawings must be completely and seamlessly integrated with the 3D model

# 13.2. Partial Model Approval

**13.2.1.** Due to varying project conditions, partial model approval may be required. In the event a partial model is approved, modifications shall be tracked and submitted to the Coordination Lead prior to incorporation into the updated model.

#### 13.3. Drawing Location and Orientation

**13.3.1.** The drawing orientation will be established and provided by XL in a Grid and Origin file for each level. This will be based upon the Internal Project Origin of the Design Team files. This ensures that the models are in the correct location when they are imported into the federated Coordination model.

#### 13.4. Dimensions

**13.4.1.** All models shall maintain "live dimensions". Any forms of exploded or overridden dimensions are not acceptable unless specifically dictated by construction document style such as "5 EQ. SPACES @ 24" O.C.".

#### 13.5. Object Snap

**13.5.1.** Object snap functions such as "Endpoint, Intersection point shall be used throughout the model. "Guessing" or "eyeballing" is not acceptable.

#### 13.6. Record Drawing Model and Project Close-out Procedures:

In addition to 2D traditional record set drawings, Trade Partners are required to provide record models in their native format. The following section describes in more detail the closeout procedure for a project as it relates to these documents and their use.

**13.6.1.** Definition of Record Model: The Record Set is defined as the final working files and documents reflecting the finished project as constructed and/or renovated. These files

COUNTY OF SAN MATEO WELLNESS CENTER - BIM LOD MATRIX  LOD Definitions (Based upon Association of General Contractors BIMForum LOD Specification 2016 Version) LOD100: The Model Element may be graphically represented in the Model with a symbol or other generic representation, but does not satisfy the requirements for LOD 200. Information related to the Model Element (i.e. cost per square foot, tonnage of HVAC, etc.) can be dee													
									derived from other Model Elements.				
LOD200:	The Model Element is graphically	represented	within the Model as a generic system, object, or assembly with approximate	quantities, size, shape	e, location, and	orientation. No	on-graphic infor	mation may als	o be attached t	o the Model Ele	ment.		
LOD300:	The Model Element is graphically	represented	within the Model as a <b>specific system</b> , object or assembly in terms of quantity	, size, shape, location,	and orientatior	n. Non-graphic	information ma	iy also be attac	hed to the Mod	el Element. (Co	ordination Mo	dels)	
		<u> </u>	within the Model as a <b>specific system</b> , object, or assembly in terms of quantit within the Model as a <b>specific system</b> , object or assembly in terms of size, sh										
(Prefabric	ation Models with Parametric Data	a)	matalin and model as a specific system, cuject of assembly in terms of size, an				-				on-graphic in	Ionnation may	
ABBREV		nieu represe	nication in cerns of size, snape, location, quantity, and onentation. Non-graphin	c mornation may also	be attached to		inents. (as-buil	Incations of en	sments)				
ME-Mec	anical Engineer EE-Electrical Partner GC-General Contrac			T	Т		Level of De	etail (LOD), Mo	odel Element /	Author (MEA)			Comments
	BU	8.2.1	Clearance Requirements	3D Model? Yes	LOD N/A	Design MEA	200	AR	LOD 200	TION MODEL MEA GC/TP	LOD 200	D MODEL MEA GC/TP	¹ Including shop/fabrication drawings as well as architecturally/structurally significant as-built info captured in the architectural and structural models Designated areas where there CANNOT be any other building elements
8.2	GENERAL	8.2.3 8.2.5 8.2.6	Working Areas Structural Penetrations and Block Outs Swing Areas Prefabrication	Yes Yes Yes Yes	N/A N/A N/A N/A		200 200 200 N/A	AR SE AR	200 350 200 200	GC/TP GC/TP GC/TP GC/TP	200 500 200 200	GC/TP GC/TP GC/TP GC/TP	Designated working areas as dictated by Code and/or Owner Requirments Any required blockouts and penetrations through Building Structure Swing areas around Equipment Doors Clearance needed to install orrelativicated systems and/or elements
		8.2.7 8.4.1 8.4.1	Hangers and Seismic Bracing Exterior Walls	Yes Yes Yes	N/A 200 N/A	AR	N/A 200 200	AR AR	350 300 300	GC/TP AR AR	500 300 500	GC/TP AR AR	Required for any elements needing support and/or seismic bracing
		8.4.2 8.4.2	Exterior Curtain Walls Studs & Joists - Exterior Framing Interior Walls	Yes Yes Yes	200 N/A 200	AR	200 200 200	AR AR AR	300 300 300	AR AR AR	300 300 300	AR AR/TP AR	All partitions / walls will be represented at accurate heights in the model
		8.4.3 8.4.3 8.4.4	Studs & Joists - Interior	Yes No Yes	N/A N/A 200	AR	200 200 200	AR AR AR	300 200 300	AR AR AR	300 200 300	AR/TP AR AR	
		8.4.6	Path of travel envelopes Stairs and Ramps	Yes Yes Yes	200 N/A 200	AR	200 200 200	AR AR AR	200 200 300	AR AR N/A	200 200 300	AR AR N/A	
8.4	ARCHITECTURAL	8.4.7 8.4.8 8.4.8 8.4.8	Hard Ceilings and Soffits Soffits Suspended Ceilings Ceiling Grid Supports	Yes Yes Yes Yes	200 N/A 200 N/A	AR AR AR	200 200 200 200	AR AR AR AR	300 300 300 200	AR AR AR AR	300 300 300 300	AR AR AR AR/TP	
		8.4.9 8.4.10 8.4.10	Shafts and Wall Chases Architectural Features Pass-Throughs – Hoses	Yes Yes Yes	200 N/A 200	AR	200 300 200	AR AR AR	300 350 200	AR AR AR	300 500 500	AR AR AR/TP	
		8.4.12 8.4.12	Light Fixtures Sinks Equipment – Owner provided Scullery tables w/sinks	Yes Yes Yes Yes	N/A 200 200 N/A	AR AR AR	200 200 200 200	AR AR AR AR	300 300 400 300	AR AR AR AR	500 300 500 300	AR/TP AR AR AR	Design sets light fixture locations and elevation - Electrical Trade take over
		8.4.12 8.4.12	Plumbing Fixtures Elevators Furniture, Non-Laboratory	Yes Yes No	200 200 N/A	AR AR AR	300 200 200	AR AR AR	350 300 300	AR AR AR	500 300 300	AR AR AR	Pit and Shaft Only
		8.4.13 8.4.14	PC Stations Fixed Casework Fire extinguishers Large Wall Openings	No Yes Yes Yes	N/A N/A N/A 200	AR AR AR AR	200 200 200 200	AR AR AR AR	200 300 300 200	AR AR AR AR	300 300 300 200	AR AR AR AR	
		8.5.1 8.5.2 8.5.2	Beams and Columns Braces and Gusset Plates Girts	Yes Yes Yes	200 200 200	SE SE SE	300 300 300	SE SE SE	350 350 350	SE/TP SE/TP SE/TP	500 500 500	TP TP TP	
		8.5.2 8.5.3 8.5.3	Base plates Building Seismic Bracing Seismic Bracing (MEP Systems)	Yes Yes Yes	N/A 200 N/A	SE	200 200 200	SE SE SE	350 300 350	SE/TP GC/TP SE/TP	500 300 500	TP GC/TP TP	Model at critical areas only (Final Design) MEP-ARCH Contractors to add for MEP and ARCH Systems.
			Stair landings/walkway access (envelope) Platform Framing Embeds	Yes Yes Yes Yes	200 200 200 200	SE SE SE SE	300 200 200 300	SE SE SE SE	350 200 300 400	SE/TP SE SE/TP SE/TP	500 200 500 500	TP SE TP TP	Modeling LOD stops at Detailed Design
		8.5.7 8.5.7 8.5.7	Misc. support steel Monoralis, Lifting points Hatch/Door access (Envelope) Pipe rack Steel	Yes Yes Yes Yes	200 200 N/A 200	SE SE SE	300 300 200 200	SE SE SE SE	350 400 300 350	SE/TP SE/TP SE/TP SE/TP	500 500 300 500	TP TP SE/TP TP	Any misc. metals that need to be coordinated will be modeled Monorail Travel Path, Envelope for equipment. See Architectural
		8.5.7 8.5.7 8.5.7	Knock out panels Misc. Pipe/Cable tray Supports Duct/Ceiling Support	No Yes Yes	N/A N/A N/A		200 200 200	SE SE SE	200 350 350	SE/TP SE/TP SE/TP	200 500 500	TP TP TP	Model Envelope for space allocation. Modeled by MEP Contractor Modeled by MEP Contractor
8.5	STRUCTURAL	8.5.7 8.5.7 8.5.7	Short Outriggers	No No No No	N/A N/A N/A N/A		200 200 200 200	SE SE SE SE	300 350 200 300	SE/TP SE/TP SE SE/TP	300 500 200 300	SE/TP TP SE TP	Plates, Connection angles, bolts, and sag rods Will not model, if less than 10*
		8.5.7 8.5.8 8.5.11	Framing required for wall and roof openings Grating and checkered plate Concrete - Slabs	No Yes Yes	N/A 200 200	SE SE	200 200 200	SE SE SE	350 300 200	SE/TP SE/TP TP	500 300 200	TP SE/TP TP	Model as slab and includes openings => 10" Modeling LOD stops at Detailed Design
		8.5.11	Concrete - Equipment foundations that project above & below slab Concrete - Equipment Pads Concrete - Curbs	Yes Yes Yes Yes	200 200 200 200	SE SE SE SE	200 200 200 200	SE SE SE SE	300 300 300 200	TP TP TP TP	300 300 300 200	TP TP TP TP	Piers, Footings, Pile caps, Grade beams. Including Pump pads. Will not model curbs under walls. Modeling LOD stops at Detailed Design
		8.5.11	Concrete - Walls Concrete - Piles Concrete - Trenches	Yes Yes Yes	200 200 200	SE SE SE	200 200 200	SE SE SE	200 200 200	TP TP TP	200 200 200	TP TP TP	Foundation walls, dike walls. Modeling LOD stops at Detailed Design To be modeled, if underground utility exists.
		8.5.11 8.5.11 8.5.8 8.5.11	Concrete - Sumps Concrete - Slab openings Anchor Bolts Concrete - Slape	Yes Yes Yes	200 200 N/A N/A	SE SE	200 200 200 200	SE SE SE SE	200 200 350 200	TP TP SE/TP SE/TP	200 200 500 200	TP TP TP SE/TP	Smaller than 10" will not be modeled. Model at critical areas only (Final Design)
		8.5.9 8.5.9	Concrete Slopes Sleeves and Openings Horizontal openings in foundations, grade beams, trenches Fireproofing	NO NO NO Yes	N/A N/A N/A		200 200 200 200	SE SE SE	200 200 300 200	SE/TP SE/TP GC/TP	200 200 300 200	SE TP GC/TP	For Electrical and Piping Modeling LOD stops at Detailed Design
		8.6.2 8.6.2 8.6.3	Ductwork (Mains/Branches) including insulation for Cleanroom Areas	Yes Yes Yes	N/A N/A 200	ME	200 200 200	ME ME ME	350 350 350	TP TP TP	500 500 500	TP TP TP	
		8.6.5	Floor Openings Structural Penetrations and Block Outs Dampers (Including Fire and Smoke)	No Yes Yes	N/A N/A N/A		200 200 200	ME ME ME	200 350 350	TP TP TP	200 500 500	TP TP TP	Any required blockouts and penetrations through Building Structure
		8.6.7 8.6.7	Flex Duct Supply Diffusers Return Registers Hangers Racks and Salemic Broging	Yes Yes Yes	200 N/A N/A N/A	ME	200 200 200 200	ME ME ME ME	300 300 300 350	TP TP TP TP	500 500 500 500	TP TP TP TP	Ponuirad for any elemente nooding support and/or colemic braving
8.6	MECHANICAL	8.6.8 8.6.9 8.6.10	HVAC Hangers Mechanical Piping and Insulation	Yes Yes Yes Yes	N/A N/A 200 200	ME ME	200 200 200 200	ME ME ME ME	350 350 350 400	TP TP TP ME/TP	500 500 500 500	TP TP TP TP	Required for any elements needing support and/or seismic bracing AHUs, Fans, Dust Collectors
		8.6.10 8.6.10	HEPA Filters	Yes Yes Yes	N/A N/A N/A		200 200 200	ME ME ME	300 350 350	TP TP TP	500 500 500	TP TP TP	
		8.6.10 8.6.10		No No No	N/A N/A N/A		200 200 200	ME ME ME	400 400 400	ME/TP ME/TP ME/TP	300 300 500	TP TP TP	
		8.6.10 8.6.11 8.6.12 8.7.2	Ductwork access doors Equipment access envelopes	No Yes Yes	N/A N/A N/A N/A		200 200 200 200	ME ME ME EE	400 350 200 350	ME/TP TP TP TP	200 500 200 500	TP TP TP TP	
		8.7.2 8.7.3	Conduit (1.25" or greater or more than two in the same location) Conduit or Conduit Banks Structure Penetrations and Block Outs Panelboards & Large Junction boxes	Yes Yes Yes Yes	N/A N/A N/A		200 200 200 200	EE/TP EE EE	350 350 300 400	TP TP EE/TP	500 500 500 500	TP TP TP	Above ground larger than 2" Any required blockouts and penetrations through Building Structure
			Small Junction boxes Light Fixtures and Light Fixture Supports	No Yes Yes	N/A N/A N/A		200 200 200	EE AR AR	200 350 400	TP TP AR/TP	500 500 500	TP TP TP	
		8.7.6 8.7.6	Cable Tray, Cable Tray Fittings and Supports All Cable Tray (6" and larger) Conduit & Tray Supports	Yes Yes Yes	200 200 N/A	EE	200 200 200	EE EE/TP SE	350 350 350	TP TP SE/TP	500 500 500	TP TP TP	Instrument, Control Systems, Electrical and Auxiliary Systems Tray Supports by Contractor
		8.7.7	Cable tray dividers Hangers and Seismic Bracing Electrical Equipment Casuadian	No Yes Yes	N/A N/A 200 N/A	EE	200 200 200 200	EE SE EE EE	200 350 400	TP SE/TP EE/TP TP	200 500 500 500	TP TP TP TP	Required for any elements needing support and/or seismic bracing Main ELE Equipment
8.7	ELECTRICAL	8.7.8 8.7.8 8.7.8 8.7.8	Grounding Fire Alarm Items Security Items Speakers	Yes Yes Yes Yes	N/A N/A N/A		200 200 200 200	EE/TP EE/TP EE/TP	300 300 300 300	TP TP TP TP	500 500 500 500	TP TP TP	Contractor to hold final review with Client for approval of device locations. Contractor to hold final review with Client for approval of device locations.
		8.7.8 8.7.8 8.7.9	Clocks Phones Equipment Panels	No No Yes	N/A N/A N/A		200 200 200	AR AR EE	200 200 300	TP TP TP	500 500 500	TP TP TP	access
		8.7.9 8.7.9 8.7.9	Instrument panels Motor control stations Disconnect Switches	Yes Yes Yes Yes	N/A N/A N/A	EF	200 200 200	EE EE EE	400 400 400	EE/TP EE/TP EE/TP	500 500 500	TP TP TP	Push Buttons Start-Stop HOA Stands
		8.7.9 8.7.9 8.7.10	Ceiling Utility Panels Door Control Panel Auxiliary Systems Main Panels (Fiber, Tel/Data, CCTV, Security, Fire Alam Equipment access & code envelopes	Yes	200 N/A N/A N/A		200 200 200 200	EE EE TBD EE	400 400 400 200	EE/TP EE/TP TP TP	500 500 500 200	TP TP TP TP	By Contractor Only on equipment modeled by Electrical
		8.7.11 8.7.11 8.8.2	Receptacles & Switches Telephone & Data Jacks Sinks	Yes Yes Yes	N/A N/A N/A		200 200 200	EE/TP EE/TP AR	300 300 300	TP TP TP	500 500 500	TP TP TP	
		8.8.2 8.8.2 8.8.2 8.8.2	Instrumentation – In-Line Instrumentation – On-Line	Yes Yes Yes	N/A N/A N/A		200 200 200	AR ME ME	300 400 400	TP ME/TP ME/TP TP	500 500 500	TP TP TP	Du Castrodor
		8.8.2 8.8.2 8.8.3 8.8.4		No No Yes Yes	N/A N/A N/A 200	ME	200 200 200 200	TBD ME ME ME	400 400 350 300	TP ME/TP TP TP	500 500 500 500	TP TP TP TP	By Contractor
		8.8.4 8.8.5 8.8.5	Piping – Underground Waste and Vent Lines including Existing Connection Points All gravity piping 2" and above	Yes Yes Yes	N/A 200 200	ME ME ME	200 200 200	ME ME ME	350 350 350	TP TP TP	500 500 500	TP TP TP	
		8.8.5 8.8.6 8.8.6	Standardized connection items Pipe – Insulation Pipe – Skids	Yes Yes Yes	N/A 200 200	ME ME	200 200 200	ME ME ME	400 200 350	TP TP TP	500 200 500	TP TP TP	
		8.8.6 8.8.6	Pipe – Packaged Equipment Pipe – Process Pipe – Utility Service	Yes Yes Yes	200 200 200 200	ME ME ME SE	200 200 200 200	ME ME ME SE	400 350 350 400	ME/TP TP TP SE/TP	500 500 500 500	TP TP TP TP	
		8.8.6 8.8.6 8.8.7 8.8.7	Pipe – Sleeves Water piping and pressurized portion of drainage system	Yes Yes Yes Yes	200 N/A N/A N/A	JE.	200 200 200 200	SE ME ME SE	400 300 350 400	SE/TP TP TP SE/TP	500 500 500 500	TP TP TP TP	
	pi 111-mili -	8.8.7 8.8.7 8.8.7	Steel – Special Pipe supports Pipe – Pipe Supports Steel – Miscellaneous Pipe supports	Yes Yes Yes Yes	N/A N/A N/A		200 200 200	SE SE SE	400 400 400	SE/TP SE/TP SE/TP	500 500 500	TP TP TP	
8.8	PLUMBING	8.8.8 8.8.8 8.8.8	Structural Penetrations and Block Outs Roof drains Floor and Equipment Drains	Yes Yes Yes	200 200 200	ME ME ME	200 200 200	ME ME ME	350 350 350	TP TP TP	500 500 500	TP TP TP	Any required blockouts and penetrations through Building Structure
		8.8.9 8.8.9 8.8.9	Equipment – Portable	Yes Yes Yes	200 200 200	ME ME ME ME	200 200 200	ME ME ME ME	400 400 350 400	ME/TP ME/TP ME/TP ME/TP	500 500 500	TP TP TP TP	by Piping.
			Equipment – Process hose racks Equipment – Utility	Yes Yes Yes Yes	200 200 200 200	ME ME ME ME	200 200 200 200	ME ME ME ME	400 350 400 350	ME/TP ME/TP ME/TP ME/TP	500 500 500 500	TP TP TP TP	
		8.8.9 8.8.9 8.8.9	Equipment – Maintenance Access Envelope Equipment – Client/Owner Provided Equipment – Packaged Equipment	Yes Yes Yes	200 N/A N/A	ME	200 200 200	ME ME ME	200 400 400	ME/TP ME/TP ME/TP	200 500 500	TP TP TP	
		8.8.9 8.8.9 8.8.9	Trap primers Monorail Monorail – Interference envelopes	Yes Yes Yes	N/A 200 200	ME ME	200 200 200	ME ME ME	350 350 200	TP ME/TP TP	500 500 200	TP TP TP	
		8.8.9 8.8.9	Preliminary Stairs / Process Platforms Pipe – Air exhaust lines from solenoids Pipe – Equipment trim	Yes Yes No	200 N/A N/A	ME	200 200 200	ME ME ME	400 350 400	ME/TP TP ME/TP	500 500 500	TP TP TP	
		8.8.9 8.8.9 8.8.10	Pipe – Future Pipe – Pump casing trim Clearance and Access Zones	No No Yes	N/A N/A 200	ME	200 200 200 200	ME ME ME	350 400 200	TP ME/TP TP TP	500 500 200 500	TP TP TP	Designated areas where there CANNOT be any other building elements
-+		8.8.10 8.8.10 8.9.2 8.9.2	Plumbing within partitions & chases Travel Envelopes Pipe - Supply Mains to Branchlines Pipe - Branchlines to Sprinkler Heads	Yes Yes Yes Yes	N/A 200 N/A N/A	ME	200 200 200 200	ME ME/TP ME/TP	350 200 350 350	TP TP TP TP	500 200 500 500	TP TP TP TP	Initial Design - Space coordination only Initial Design - Space coordination only
8.9	FIRE PROTECTION	8.9.2 8.9.2 8.9.3 8.9.4	Pipe - branchimes to Sprinkier Heads Pipe - Fire Risers Sprinkier Heads Structural Penetrations and Block Outs	Yes Yes Yes Yes	N/A N/A N/A		200 200 200	ME/TP ME/TP ME/TP	350 350 350	TP TP TP TP	500 500 500	TP TP TP	Initial Design - Space coordination only Initial Design - Space coordination only Initial Design - Space coordination only Any required blockouts and penetrations through Building Structure
		8.9.5 8.9.6 8.9.6	Sprinkler Equipment (Valves, etc) Clearance and Access Zones Pipe - Underground Supply	Yes Yes Yes	N/A N/A N/A		200 200 200	ME ME/TP ME/TP	400 200 350	ME/TP TP TP	500 200 500	TP TP TP	Designated areas where there CANNOT be any other building elements To be modeled by Constractor during Construction Phase
8.10	METAL WALL FRAMING	8.9.7 8.10.1 8.10.2	Pipe - Mains and Branchlines Supports (Hangers) Critical Wall Support Elements (King, Corner, etc) Diagonal Bracing	Yes Yes Yes	N/A N/A N/A		200 200 200	ME GC/TP GC/TP	400 300 300	ME/TP TP TP	500 300 300	TP TP TP	To be modeled by Constractor during Construction Phase Critical studs only (King, Jamb, End wall and bracing)
		8.10.2 8.10.3	Above Ceiling Critical Wall Support Elements (King, Corner, etc)	Yes Yes	N/A N/A	1	200 200	GC/TP GC/TP	300 300	TP TP	300 300	TP TP	Critical studs only for above ceiling items (King, Jamb, End wall and soffit bracing)

include all updated models, plans, elevations, details, shop drawings, revisions, addendums, bulletins and schedules from all Trade Partners.

**13.6.2.** All conditions depicted in change orders, design revisions, scope, field conditions, addenda, and bulletins, including manually drafted drawings, shall be incorporated electronically into the final model so that each model accurately depicts all corresponding project conditions at the time of completion.

#### 13.7. Submittal of Record Model to XL Construction

- **13.7.1.** The Record Set shall be submitted to XL Construction as defined by the Contract Documents.
- **13.7.2.** A Record Model shall be provided for each phase, building, or structure as it is completed.
- **13.7.3.** The Record Model should maintain all parameters and requirements set forth by the General Guidelines. If the model is not in compliance, Trade Partners may be required to correct the files and resubmit the model at the sole cost of Trade Partners. XL Construction may require the Record Model to be resubmitted if it does not accurately reflect project conditions at the time of completion.

#### **13.8.** Record Model Transmittal

The Record Model should be sent directly to XL Construction CT Project Manager, or as specified in the contract documents.