

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



**XL**  
**CONSTRUCTION™**  
We build to improve lives®

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

# Contents

- 1 Executive Summary
- 2 GMP Summary Report
- 3 GMP Allowance Summary
- 4 Basis Of GMP
- 5 Letters Of Recommendation, Bid Tally Sheets & Bids
- 6 General Conditions & General Requirements
- 7 Basis Of Schedule & Construction Schedule
- 8 Site Logistics Plan
- 9 Supporting Documents
  - Drawing Log
  - Specification Log
  - Bid Requests For Information
  - BIM/VDC Execution Plan

# 1 - Executive Summary



Revised March 6, 2024

**Ms. Jasmine Gao**  
Capital Project Manager  
County of San Mateo  
[jgao@smcgov.org](mailto: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)

## 2 - GMP Summary Report

Wednesday, 6 March, 2024

| 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           |
| Division 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         |
| <b>DIRECT TOTAL COSTS</b>                     | <b>\$872.36</b> | <b>\$67,707,067</b> |

|                            | MARKUP | RATE | TOTAL               |
|----------------------------|--------|------|---------------------|
| GENERAL REQUIREMENTS 2     |        |      | \$2,992,313         |
| GENERAL CONDITIONS         |        |      | \$6,326,556         |
| GENERAL REQUIREMENTS 1     |        |      | \$572,183           |
| CONSTRUCTION CONTINGENCY   | 3.00%  |      | \$2,120,981         |
| DESIGN CONTINGENCY         |        |      | \$147,295           |
| PAYMENT & PERFORMANCE BOND |        |      | \$764,822           |
| BUILDERS RISK INSURANCE    |        |      | \$1,445,775         |
| SDI, GLI & PLI             | 2.05%  |      | \$1,449,337         |
| FEE                        | 2.40%  |      | \$1,916,793         |
| <b>TOTAL</b>               |        |      | <b>\$1,100.87</b>   |
|                            |        |      | <b>\$85,443,123</b> |

**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 PROJECT COSTS (including Previously Approved Scopes) \$97,181,534**

San Mateo County Wellness Center - GMP (inc credits & VE)

Estimate Version:



Tuesday, 5 March, 2024

| DESCRIPTION   |   | QUANTITY | UNIT | UNIT PRICE     | TOTAL              | COST/SF        | NOTES              |
|---|---|----------|------|----------------|--------------------|----------------|--------------------|
| <b>Division 01 - General Requirements</b>                   |   |          |      |                | <b>\$2,992,313</b> | <b>\$38.55</b> |                    |
| <b>010000 General Requirements</b>                          |   |          |      |                | <b>\$2,992,313</b> | <b>\$38.55</b> |                    |
| <b>015000 Temporary Facilities And Controls</b>             |   |          |      |                | <b>\$2,992,313</b> | <b>\$38.55</b> |                    |
| <b>015200 Construction Facilities</b>                       |   |          |      |                | <b>\$2,992,313</b> | <b>\$38.55</b> |                    |
| 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   | Debris Boxes  | 1        | LS   | \$141,524.00   | \$141,524          | \$1.82         |                    |
| 7   | Temporary Fence/Phasing/Seqencing                                     | 1        | LS   | \$52,955.00    | \$52,955           | \$0.68         |                    |
| 8   | Temporary Roads/Parking & Staging                                     | 1        | LS   | \$20,000.00    | \$20,000           | \$0.26         |                    |
| 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         |                    |
| <b>Division 02 - Site Construction</b>                      |   |          |      |                | <b>\$5,744,419</b> | <b>\$74.01</b> |                    |
| <b>020000 Existing Conditions</b>                           |   |          |      |                | <b>\$88,275</b>    | <b>\$1.14</b>  |                    |
| <b>022000 Assessment</b>                                    |   |          |      |                | <b>\$88,275</b>    | <b>\$1.14</b>  |                    |
| <b>022100 Surveys</b>                                       |   |          |      |                | <b>\$88,275</b>    | <b>\$1.14</b>  |                    |
| 22  | Surveying and Staking - BID   | 1        | LS   | \$88,275.00    | \$88,275           | \$1.14         | Sandis             |
| <b>310000 Earthwork</b>                                     |   |          |      |                | <b>\$2,412,590</b> | <b>\$31.08</b> |                    |
| <b>310000 Earthwork</b>                                     |   |          |      |                | <b>\$35,000</b>    | <b>\$0.45</b>  |                    |
| <b>310500 Common Work Results For Earthwork</b>             |   |          |      |                | <b>\$35,000</b>    | <b>\$0.45</b>  |                    |
| 23  | Temporary Site Stairs & Striping                                      | 1        | LS   | \$35,000.00    | \$35,000           | \$0.45         |                    |
| <b>312000 Earth Moving</b>                                  |   |          |      |                | <b>\$46,775</b>    | <b>\$0.60</b>  |                    |
| <b>312500 Erosion and Sedimentation Controls</b>            |   |          |      |                | <b>\$46,775</b>    | <b>\$0.60</b>  |                    |
| 24  | SWPPP - QSP   | 1        | LS   | \$46,775.00    | \$46,775           | \$0.60         | Sandis             |
| <b>316000 Special Foundations And Load-Bearing Elements</b> |   |          |      |                | <b>\$2,330,815</b> | <b>\$30.03</b> |                    |
| <b>316300 Bored Piles</b>                                   |   |          |      |                | <b>\$2,330,815</b> | <b>\$30.03</b> |                    |
| 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        | LS   | \$2,207,515.00 | \$2,207,515        | \$28.44        | Drill Tech         |
| <b>320000 Exterior Improvements</b>                         |   |          |      |                | <b>\$3,243,554</b> | <b>\$41.79</b> |                    |
| <b>321000 Bases, Ballasts, And Paving</b>                   |   |          |      |                | <b>\$2,774,625</b> | <b>\$35.75</b> |                    |
| <b>321200 Flexible Paving</b>                               |   |          |      |                | <b>\$2,774,625</b> | <b>\$35.75</b> |                    |
| 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 & Utilities - 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        |
| <b>329000 Planting</b>                                      |   |          |      |                | <b>\$468,929</b>   | <b>\$6.04</b>  |                    |
| <b>329300 Plants</b>  |   |          |      |                | <b>\$468,929</b>   | <b>\$6.04</b>  |                    |
| 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 |

San Mateo County Wellness Center - GMP (inc credits & VE)

Estimate Version:



Tuesday, 5 March, 2024

| DESCRIPTION  |  | QUANTITY | UNIT | UNIT PRICE     | TOTAL               | COST/SF         | NOTES             |
|--|--|----------|------|----------------|---------------------|-----------------|-------------------|
| <b>Division 03 - Concrete</b>                        |  |          |      |                | <b>\$3,599,223</b>  | <b>\$46.37</b>  |                   |
| <b>030000 Concrete</b>                               |  |          |      |                | <b>\$3,599,223</b>  | <b>\$46.37</b>  |                   |
| <b>033000 Cast-In-Place Concrete</b>                 |  |          |      |                | <b>\$3,599,223</b>  | <b>\$46.37</b>  |                   |
| <b>033100 Structural Concrete</b>                    |  |          |      |                | <b>\$3,599,223</b>  | <b>\$46.37</b>  |                   |
| 41   | Building Concrete - BID  | 1        | LS   | \$4,117,706.00 | \$4,117,706         | \$53.05         |                   |
| 42   | Bothman - Concrete Buyout                                      | -1       | LS   | \$518,483.00   | (\$518,483)         | (\$6.68)        |                   |
| <b>Division 04 - Masonry</b>                         |  |          |      |                | <b>\$54,995</b>     | <b>\$0.71</b>   |                   |
| <b>040000 Masonry</b>                                |  |          |      |                | <b>\$54,995</b>     | <b>\$0.71</b>   |                   |
| <b>042000 Unit Masonry</b>                           |  |          |      |                | <b>\$54,995</b>     | <b>\$0.71</b>   |                   |
| <b>042200 Concrete Unit Masonry</b>                  |  |          |      |                | <b>\$54,995</b>     | <b>\$0.71</b>   |                   |
| 43   | CMU - BID  | 1        | LS   | \$49,995.00    | \$49,995            | \$0.64          | John Jackson      |
| 44   | Installation of embeds/frames                                  | 1        | LS   | \$5,000.00     | \$5,000             | \$0.06          |                   |
| <b>Division 05 - Metals</b>                          |  |          |      |                | <b>\$3,748,288</b>  | <b>\$48.29</b>  |                   |
| <b>050000 Metals</b>                                 |  |          |      |                | <b>\$3,748,288</b>  | <b>\$48.29</b>  |                   |
| <b>051000 Structural Metal Framing</b>               |  |          |      |                | <b>\$3,714,970</b>  | <b>\$47.86</b>  |                   |
| <b>051200 Structural Steel Framing</b>               |  |          |      |                | <b>\$3,714,970</b>  | <b>\$47.86</b>  |                   |
| 45   | Mesh Infill Fence Panel System 6' at Electrical Yard Enclosure | 1        | LS   | \$145,223.00   | \$145,223           | \$1.87          | Glazier           |
| 46   | Auto Push Button Posts   | 1        | LS   | \$4,000.00     | \$4,000             | \$0.05          | Glazier           |
| 47   | Operable Partition Support Steel                               | 1        | LS   | \$20,000.00    | \$20,000            | \$0.26          | Glazier           |
| 48   | Cane Rails   | 1        | LS   | \$12,000.00    | \$12,000            | \$0.15          | Glazier           |
| 49   | Elevator Sill Steel  | 1        | LS   | \$10,000.00    | \$10,000            | \$0.13          | Glazier           |
| 50   | Structural Steel - BID   | 1        | LS   | \$3,685,747.00 | \$3,685,747         | \$47.49         | Glazier           |
| 51   | Galvanized cable tail at Terrace in lieu of base bid           | -1       | LS   | \$58,000.00    | (\$58,000)          | (\$0.75)        | Glazier           |
| 52   | AESS Finish at Stairs  | -1       | LS   | \$75,000.00    | (\$75,000)          | (\$0.97)        | Glazier           |
| 53   | Revise Mesh infill to Metal Infill at Trash Enclosure          | -1       | LS   | \$19,000.00    | (\$19,000)          | (\$0.24)        | Glazier           |
| 54   | Glazier Credits  | -1       | LS   | \$10,000.00    | (\$10,000)          | (\$0.13)        | Glazier           |
| <b>054000 Cold-Formed Metal Framing</b>              |  |          |      |                | <b>\$33,318</b>     | <b>\$0.43</b>   |                   |
| <b>054500 Metal Support Assemblies</b>               |  |          |      |                | <b>\$33,318</b>     | <b>\$0.43</b>   |                   |
| 55   | Unistrut Support for Dental Xray & Ceiling Lights - BID        | 1        | LS   | \$33,318.00    | \$33,318            | \$0.43          | Bayside Interiors |
| <b>Division 06 - Wood And Plastics</b>               |  |          |      |                | <b>\$10,827,862</b> | <b>\$139.51</b> |                   |
| <b>060000 Wood, Plastics, And Composites</b>         |  |          |      |                | <b>\$10,827,862</b> | <b>\$139.51</b> |                   |
| <b>061000 Rough Carpentry</b>                        |  |          |      |                | <b>\$8,690,955</b>  | <b>\$111.98</b> |                   |
| <b>061300 Heavy Timber Construction</b>              |  |          |      |                | <b>\$8,690,955</b>  | <b>\$111.98</b> |                   |
| 56   | Modeling (Innova - Manfred; by Elevated)                       | 1        | LS   | \$0.00         | \$0                 | \$0.00          |                   |
| 57   | Mass Timber Supply & Install - BID                             | 1        | LS   | \$8,703,455.00 | \$8,703,455         | \$112.14        | Elevated          |
| 58   | Field Sanding Wood Structure                                   | 1        | LS   | \$37,500.00    | \$37,500            | \$0.48          |                   |
| 59   | Elevated (\$8.7M)  | -1       | LS   | \$50,000.00    | (\$50,000)          | (\$0.64)        | Elevated          |
| <b>062000 Finish Carpentry</b>                       |  |          |      |                | <b>\$2,136,907</b>  | <b>\$27.53</b>  |                   |
| <b>062200 Millwork</b>                               |  |          |      |                | <b>\$2,136,907</b>  | <b>\$27.53</b>  |                   |
| 60   | Millwork - BID   | 1        | LS   | \$2,261,907.00 | \$2,261,907         | \$29.14         | Mission Bell      |
| 61   | Mission Bell: Change Laminate WV1 to Wilsonart Standard        | -1       | LS   | \$125,000.00   | (\$125,000)         | (\$1.61)        | Mission Bell      |
| <b>Division 07 - Thermal And Moisture Protection</b> |  |          |      |                | <b>\$1,493,377</b>  | <b>\$19.24</b>  |                   |
| <b>070000 Thermal And Moisture Protection</b>        |  |          |      |                | <b>\$1,493,377</b>  | <b>\$19.24</b>  |                   |
| <b>075000 Membrane Roofing</b>                       |  |          |      |                | <b>\$1,493,377</b>  | <b>\$19.24</b>  |                   |
| <b>075200 Modified Bituminous Membrane Roofing</b>   |  |          |      |                | <b>\$1,493,377</b>  | <b>\$19.24</b>  |                   |
| 62   | Roof Screen  | 1        | LS   | \$141,727.00   | \$141,727           | \$1.83          | TBD               |
| 63   | Gutter Detail by CS Erectors                                   | 1        | LS   | \$128,045.00   | \$128,045           | \$1.65          |                   |
| 64   | Roofing & Waterproofing - BID                                  | 1        | LS   | \$1,273,605.00 | \$1,273,605         | \$16.41         | Enterprise        |
| 65   | Enterprise: Deliver Material to Site by End of 2024            | -1       | LS   | \$50,000.00    | (\$50,000)          | (\$0.64)        | Enterprise        |
| <b>Division 08 - Doors And Windows</b>               |  |          |      |                | <b>\$11,674,681</b> | <b>\$150.42</b> |                   |
| <b>080000 Openings</b>                               |  |          |      |                | <b>\$11,674,681</b> | <b>\$150.42</b> |                   |
| <b>081000 Doors And Frames</b>                       |  |          |      |                | <b>\$783,150</b>    | <b>\$10.09</b>  |                   |
| <b>081100 Metal Doors and Frames</b>                 |  |          |      |                | <b>\$783,150</b>    | <b>\$10.09</b>  |                   |
| 66   | Door Hardware & Low Voltage/Security Coordination              | 1        | LS   | \$10,000.00    | \$10,000            | \$0.13          |                   |
| 67   | Specialty Door - Staff Garden                                  | 1        | LS   | \$8,500.00     | \$8,500             | \$0.11          |                   |
| 68   | Doors, Frames & Hardware - BID                                 | 1        | LS   | \$764,650.00   | \$764,650           | \$9.85          | Walters & Wolf    |
| <b>083000 Specialty Doors And Frames</b>             |  |          |      |                | <b>\$27,345</b>     | <b>\$0.35</b>   |                   |



San Mateo County Wellness Center - GMP (inc credits & VE)

Estimate Version:



Tuesday, 5 March, 2024

| DESCRIPTION   | QUANTITY | UNIT | UNIT PRICE      | TOTAL               | COST/SF         | NOTES              |
|---|----------|------|-----------------|---------------------|-----------------|--------------------|
| <b>083700 Smoke Guard Doors</b>                           |          |      |                 | <b>\$27,345</b>     | <b>\$0.35</b>   |                    |
| 69 Smoke Guard Door at Elevator - BID                     | 1        | LS   | \$27,345.00     | \$27,345            | \$0.35          | Smoke Guard        |
| <b>084000 Entrances, Storefronts, And Curtain Walls</b>   |          |      |                 | <b>\$668,821</b>    | <b>\$8.62</b>   |                    |
| <b>084100 Entrances and Storefronts</b>                   |          |      |                 | <b>\$668,821</b>    | <b>\$8.62</b>   |                    |
| 70 Endcap Condition Where Interior Vestibule Meets Facade | 1        | LS   | \$9,000.00      | \$9,000             | \$0.12          |                    |
| 71 Interior Glazing - BID                                 | 1        | LS   | \$746,286.00    | \$746,286           | \$9.62          | Walters & Wolf     |
| 72 W&W: Veneer Alternate                                  | -1       | LS   | \$86,465.00     | (\$86,465)          | (\$1.11)        | Walters & Wolf     |
| <b>088000 Glazing</b>                                     |          |      |                 | <b>\$10,195,365</b> | <b>\$131.36</b> |                    |
| <b>088100 Glass Glazing</b>                               |          |      |                 | <b>\$10,195,365</b> | <b>\$131.36</b> |                    |
| 73 Exterior Skin - BID                                    | 1        | LS   | \$10,496,465.00 | \$10,496,465        | \$135.24        | CS Erectors        |
| 74 Additional Caulking                                    | 1        | LS   | \$58,000.00     | \$58,000            | \$0.75          |                    |
| 75 Downspout Covers                                       | 1        | LS   | \$10,000.00     | \$10,000            | \$0.13          |                    |
| 76 CS Erectors: Alternate Vapor Barrier                   | -1       | LS   | \$153,100.00    | (\$153,100)         | (\$1.97)        | CS Erectors        |
| 77 CS Erectors  | -1       | LS   | \$216,000.00    | (\$216,000)         | (\$2.78)        | CS Erectors        |
| <b>Division 09 - Finishes</b>                             |          |      |                 | <b>\$6,577,975</b>  | <b>\$84.75</b>  |                    |
| <b>090000 Finishes</b>                                    |          |      |                 | <b>\$6,577,975</b>  | <b>\$84.75</b>  |                    |
| <b>092000 Plaster And Gypsum Board</b>                    |          |      |                 | <b>\$3,331,372</b>  | <b>\$42.92</b>  |                    |
| <b>092900 Gypsum Board</b>                                |          |      |                 | <b>\$3,331,372</b>  | <b>\$42.92</b>  |                    |
| 78 Drywall Patch Back for Trades                          | 1        | LS   | \$24,520.00     | \$24,520            | \$0.32          |                    |
| 79 Final Clean - BID                                      | 1        | LS   | \$72,588.00     | \$72,588            | \$0.94          | MGR                |
| 80 Drywall & Insulation - BID                             | 1        | LS   | \$3,319,022.00  | \$3,319,022         | \$42.76         | Cal Drywall        |
| 81 Cal Drywall  | -1       | LS   | \$84,758.00     | (\$84,758)          | (\$1.09)        | Cal Drywall        |
| <b>093000 Tiling</b>                                      |          |      |                 | <b>\$583,700</b>    | <b>\$7.52</b>   |                    |
| <b>093100 Thin-Set Tiling</b>                             |          |      |                 | <b>\$583,700</b>    | <b>\$7.52</b>   |                    |
| 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     |
| <b>095000 Ceilings</b>                                    |          |      |                 | <b>\$1,032,761</b>  | <b>\$13.31</b>  |                    |
| <b>095100 Acoustical Ceilings</b>                         |          |      |                 | <b>\$1,032,761</b>  | <b>\$13.31</b>  |                    |
| 84 Trapezing (64/A9.4.2)                                  | 1        | LS   | \$33,000.00     | \$33,000            | \$0.43          |                    |
| 85 Acoustical Ceilings - BID                              | 1        | LS   | \$1,103,461.00  | \$1,103,461         | \$14.22         | Daleys             |
| 86 Daleys: Madrid Ceiling                                 | -1       | LS   | \$103,700.00    | (\$103,700)         | (\$1.34)        | Daleys             |
| <b>096000 Flooring</b>                                    |          |      |                 | <b>\$773,079</b>    | <b>\$9.96</b>   |                    |
| <b>096800 Carpeting</b>                                   |          |      |                 | <b>\$645,527</b>    | <b>\$8.32</b>   |                    |
| 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          |
| <b>096900 Access Flooring</b>                             |          |      |                 | <b>\$127,552</b>    | <b>\$1.64</b>   |                    |
| 90 Access Flooring - BID                                  | 1        | LS   | \$127,552.00    | \$127,552           | \$1.64          | Bayside            |
| <b>099000 Painting And Coating</b>                        |          |      |                 | <b>\$857,063</b>    | <b>\$11.04</b>  |                    |
| <b>099100 Painting</b>                                    |          |      |                 | <b>\$857,063</b>    | <b>\$11.04</b>  |                    |
| 91 Interior Caulking at Interfaces with Other Trades      | 1        | LS   | \$53,400.00     | \$53,400            | \$0.69          |                    |
| 92 4th Coat at Human Zone of Glulam                       | 1        | LS   | \$10,000.00     | \$10,000            | \$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 |
| <b>Division 10 - Specialties</b>                          |          |      |                 | <b>\$733,928</b>    | <b>\$9.46</b>   |                    |
| <b>100000 Specialties</b>                                 |          |      |                 | <b>\$733,928</b>    | <b>\$9.46</b>   |                    |
| <b>101000 Information Specialties</b>                     |          |      |                 | <b>\$200,653</b>    | <b>\$2.59</b>   |                    |
| <b>101400 Signage</b>                                     |          |      |                 | <b>\$200,653</b>    | <b>\$2.59</b>   |                    |
| 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           |
| <b>102000 Interior Specialties</b>                        |          |      |                 | <b>\$533,275</b>    | <b>\$6.87</b>   |                    |
| <b>102200 Partitions</b>                                  |          |      |                 | <b>\$171,125</b>    | <b>\$2.20</b>   |                    |
| 97 Operable Partition - BID                               | 1        | LS   | \$171,125.00    | \$171,125           | \$2.20          | PSI                |
| <b>102800 Toilet, Bath, and Laundry Accessories</b>       |          |      |                 | <b>\$362,150</b>    | <b>\$4.67</b>   |                    |
| 98 Toilet Partitions Misc. Specialty - BID                | 1        | LS   | \$362,150.00    | \$362,150           | \$4.67          | Elevated           |
| <b>Division 12 - Furnishings</b>                          |          |      |                 | <b>\$115,500</b>    | <b>\$1.49</b>   |                    |
| <b>120000 Furnishings</b>                                 |          |      |                 | <b>\$115,500</b>    | <b>\$1.49</b>   |                    |
| <b>122000 Window Treatments</b>                           |          |      |                 | <b>\$115,500</b>    | <b>\$1.49</b>   |                    |

San Mateo County Wellness Center - GMP (inc credits & VE)

Estimate Version:



Tuesday, 5 March, 2024

| DESCRIPTION   | QUANTITY | UNIT | UNIT PRICE      | TOTAL               | COST/SF         | NOTES                  |
|---|----------|------|-----------------|---------------------|-----------------|------------------------|
| <b>122400 Window Shades</b>   |          |      |                 | <b>\$115,500</b>    | <b>\$1.49</b>   |                        |
| 99 Window Coverings - BID   | 1        | LS   | \$115,500.00    | \$115,500           | \$1.49          | Creative Windows       |
| <b>Division 14 - Conveying Systems</b>                                |          |      |                 | <b>\$454,018</b>    | <b>\$5.85</b>   |                        |
| <b>140000 Conveying Equipment</b>                                     |          |      |                 | <b>\$454,018</b>    | <b>\$5.85</b>   |                        |
| <b>140000 Conveying Equipment</b>                                     |          |      |                 | <b>\$438,768</b>    | <b>\$5.65</b>   |                        |
| <b>140100 Operation and Maintenance of Conveying Equipment</b>        |          |      |                 | <b>\$438,768</b>    | <b>\$5.65</b>   |                        |
| 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                   |
| <b>148000 Scaffolding</b>   |          |      |                 | <b>\$15,250</b>     | <b>\$0.20</b>   |                        |
| <b>148100 Suspended Scaffolding</b>                                   |          |      |                 | <b>\$15,250</b>     | <b>\$0.20</b>   |                        |
| 102 Stair Tower Rental - BID  | 1        | LS   | \$15,250.00     | \$15,250            | \$0.20          | Bear Scaffold          |
| <b>Division 15 - Mechanical</b>                                       |          |      |                 | <b>\$10,732,292</b> | <b>\$138.28</b> |                        |
| <b>210000 Fire Suppression</b>  |          |      |                 | <b>\$763,690</b>    | <b>\$9.84</b>   |                        |
| <b>211000 Water-Based Fire-Suppression Systems</b>                    |          |      |                 | <b>\$763,690</b>    | <b>\$9.84</b>   |                        |
| <b>211300 Fire-Suppression Sprinkler Systems</b>                      |          |      |                 | <b>\$763,690</b>    | <b>\$9.84</b>   |                        |
| 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          |                        |
| <b>220000 Plumbing</b>  |          |      |                 | <b>\$3,853,760</b>  | <b>\$49.65</b>  |                        |
| <b>220000 Plumbing</b>  |          |      |                 | <b>\$3,853,760</b>  | <b>\$49.65</b>  |                        |
| <b>220500 Common Work Results For Plumbing</b>                        |          |      |                 | <b>\$3,853,760</b>  | <b>\$49.65</b>  |                        |
| 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          |                        |
| <b>230000 Heating, Ventilating, And Air Conditioning (HVAC)</b>       |          |      |                 | <b>\$6,114,842</b>  | <b>\$78.79</b>  |                        |
| <b>230000 Heating, Ventilating, And Air Conditioning (HVAC)</b>       |          |      |                 | <b>\$6,114,842</b>  | <b>\$78.79</b>  |                        |
| <b>230500 Common Work Results for HVAC</b>                            |          |      |                 | <b>\$6,114,842</b>  | <b>\$78.79</b>  |                        |
| 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   | \$50,000.00     | \$50,000            | \$0.64          |                        |
| 111 Change Rooftop HVAC to Package Unit                               | -1       | LS   | \$1,000,000.00  | (\$1,000,000)       | (\$12.88)       | Therma                 |
| 112 Walkovers at Roof - Defer to DPW & Owner Contingency              | -1       | LS   | \$50,000.00     | (\$50,000)          | (\$0.64)        | 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                 |
| <b>Division 16 - Electrical</b>                                       |          |      |                 | <b>\$10,457,571</b> | <b>\$134.74</b> |                        |
| <b>260000 Electrical</b>  |          |      |                 | <b>\$10,457,571</b> | <b>\$134.74</b> |                        |
| <b>261000 Medium-Voltage Electrical Distribution</b>                  |          |      |                 | <b>\$10,457,571</b> | <b>\$134.74</b> |                        |
| <b>260500 Common Work Results For Electrical</b>                      |          |      |                 | <b>\$10,457,571</b> | <b>\$134.74</b> |                        |
| 115 Electrical & LV (Excluding PV) - BID                              | 1        | LS   | \$10,598,571.00 | \$10,598,571        | \$136.55        | Redwood Electric Group |
| 116 BIM/Clash Detection/Deferred Design Engineering & Coordination    | 1        | LS   | \$59,000.00     | \$59,000            | \$0.76          |                        |
| 117 Redwood Electric  | -1       | LS   | \$200,000.00    | (\$200,000)         | (\$2.58)        | Redwood Electric Group |
| <b>Unclassified Items</b>   |          |      |                 | <b>\$1,492,938</b>  | <b>\$19.24</b>  |                        |
| <b>Unclassified Items</b>   |          |      |                 | <b>\$1,492,938</b>  | <b>\$19.24</b>  |                        |
| <b>Unclassified Items</b>   |          |      |                 | <b>\$1,492,938</b>  | <b>\$19.24</b>  |                        |
| <b>012100 Allowances</b>  |          |      |                 | <b>\$1,492,938</b>  | <b>\$19.24</b>  |                        |
| 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    | \$250,000           | \$3.22          | Allowance              |
| 122 Div. 09 - Tile Layout Coordination & Visual Mockup                | 1        | LS   | \$7,500.00      | \$7,500             | \$0.10          | Allowance              |
| 123 Div. 09 - Coordination of Large Format Wall Tile at Corridor      | 1        | LS   | \$25,000.00     | \$25,000            | \$0.32          | Allowance              |
| 124 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 (additional Steel Grid Line 1/B&C) | 1        | LS   | \$40,000.00     | \$40,000            | \$0.52          | Allowance              |

**San Mateo County Wellness Center - GMP (inc credits & VE)**

Estimate Version:



Tuesday, 5 March, 2024

| DESCRIPTION  | 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

**San Mateo County Wellness Center  
GMP Allowance Summary**



Wednesday, 21 February, 2024

| DESCRIPTION  |   | QUANTITY | UNIT | UNIT PRICE   | TOTAL              | COST/SF        | NOTES     |
|--|---|----------|------|--------------|--------------------|----------------|-----------|
| <b>Unclassified Items</b>  |   |          |      |              | <b>\$1,542,938</b> | <b>\$19.88</b> |           |
| <b>Unclassified Items</b>  |   |          |      |              | <b>\$1,542,938</b> | <b>\$19.88</b> |           |
| <b>Unclassified Items</b>  |   |          |      |              | <b>\$1,542,938</b> | <b>\$19.88</b> |           |
| <b>012100 Allowances (To Be Administered Per The Contract Terms)</b> |   |          |      |              | <b>\$1,542,938</b> | <b>\$19.88</b> |           |
| 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 (additional 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 - Additional 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 (OFCl) 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 21<sup>st</sup> 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**

1. 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 within 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 3<sup>rd</sup> 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**

1. 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 that are 5 CY/LF.

### **Grading and Paving Clarifications**

1. 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**

1. 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**

1. Walls to be finished 10’ above finish floor at 2<sup>nd</sup> and 3<sup>rd</sup> floor shell space. Additional finishing above 10’ can be added as applicable via change order if 2<sup>nd</sup> and 3<sup>rd</sup> 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**

1. Side nailers and glulam wraps to beams per detail 6/S5.5.2 at the 2<sup>nd</sup> and 3<sup>rd</sup> 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 2<sup>nd</sup> and 3<sup>rd</sup> 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 non-gurney-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\\_](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 Staffing Summary

12-12-2023

|              |                                     | Buyout   |     |     | General Conditions |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|--------------|-------------------------------------|--|-----|-----|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
|              |                                     |  |     |     | 1                  | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12   | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24   | 25  | 26  |     |
|              |                                     | 2023   |     |     | 2024               |     |     |     |     |     |     |     |     |     |     | 2025 |     |     |     |     |     |     |     |     |     |     |     | 2026 |     |     |     |
|              |                                     | 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 |
| Office Staff | <b>PX: Chad</b>                     | Deliverables Tracking and Management<br>Budget Tracking and Contract Management<br>Staffing Management   |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Sr. Project Manager: Jeff</b>    | Modular Trailer<br>Demo / Abatement<br>Timber Design<br>Timber Erection<br>Test Pile Program<br>Steel Coordination<br>Steel Erection<br>Elevator Submittals<br>Elevator Install<br>Subcontract Management<br>Budget Management   |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Sr. Project Engineer: Sean</b>   | Mechanical / Plumbing / Submittals<br>Electrical Submittals<br>Façade design, mock-up testing<br>Framing coordination<br>Fire Sprinkler design coordination<br>Weekly Meetings: OAC<br>Underground Utilities<br>Underground Conduit<br>Mech /Plumb Rough in<br>Electrical Rough in<br>Framing (exterior and interior)<br>Drywall<br>MEP Finishes |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Project Engineer #1</b>          | Project Submittals<br>Sitework<br>Interior Procurement / Coordination<br>Interior Finishes Construction<br>Document Management<br>Weekly Meetings: Foreman<br>Punchlist & Closeout   |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Project Administrator</b>        | Contracts and Insurance Administration<br>Document Management<br>Pay Applications  |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
| Field Staff  | <b>General Superintendent</b>       | Field oversight and support  |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Sr. Superintendent: David</b>    | Modular Trailer Site<br>Abatement DDCs<br>DDCs<br>Fdns and Underground<br>Steel<br>Concrete Foundations<br>Utility Yard<br>Timber Erection<br>Primary Framing<br>Secondary Framing<br>Interior Build out   |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Assist Superintendent: Colin</b> | Schedule Management<br>Sitework Focused Trades<br>Roof Coordination<br>Inspections Coordination<br>PV Coordination   |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>MEP Manager</b>                  | MEP & F/S Submittals and Coord.<br>Field QA/QC<br>Interior Coordination and QA/QC<br>PGE Coordination<br>Cx, Testing, Balancing, Sign-Offs   |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Sustainability Manager</b>       | LEED Point Administration with Subs<br>LEED Point Administration with Subs<br>LEED Submission  |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Scheduler</b>                    | Schedule QA/QC Support   |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|              | <b>Safety Manager</b>               | Site Safety Orientations, Management, Safety Plan  |     |     |                    |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |

Location: 2023 - Bay Area

| Position   | 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 | \$302.86 | \$318.00 | \$333.90 |
| Sr. Project Manager  | \$210.64 | \$221.17 | \$232.23 | \$243.84 | \$256.03 |
| Project Manager  | \$184.56 | \$193.79 | \$203.48 | \$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>Position</b>                      | 2019<br>RFP Rates | 2020<br>5% | 2021<br>5% | 2022<br>5% | 2023 GMP  |      |
|--------------------------------------|-------------------|------------|------------|------------|-----------|------|
| 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 | 112% |
| Sr. Project Accountant               |                   |            |            |            | \$ 125.00 |      |
| Project Accountant                   |                   |            |            |            | \$ 115.00 |      |
| Project Admin Manager                |                   |            |            |            | \$ 135.00 |      |
| Lead Project Admin                   |                   |            |            |            | \$ 125.00 |      |
| Sr. Project Administration           |                   |            |            |            | \$ 115.00 |      |
| Precon Manager                       | \$ 199            | \$ 209     | \$ 219     | \$ 230     | \$ 233.66 | 117% |
| Chief Estimator                      |                   |            |            |            | \$ 281.02 |      |
| Sr Estimator                         | \$ 173            | \$ 182     | \$ 191     | \$ 200     | \$ 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     | \$ 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                            | \$ 155            | \$ 163     | \$ 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:**

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 difference 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.

PROJECT NAME **County of San Mateo South San Francisco Wellness Center**

CONTRACTOR **XL Construction**

SUBCONTRACTOR

PROJECT NO.

CONTRACT NO.

DATE For 2023

**HOURLY LABOR RATE WORKSHEET**

(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**

| Item  | Rate Per \$100                      | Union Wage Rate  |                  |                  | Notes   |
|---|-------------------------------------|------------------|------------------|------------------|---|
|   |                                     | Regular Time     | Overtime         | Double Time      |   |
| Base Labor Rate   |                                     | \$ 66.43         | \$ 99.65         | \$ 132.86        | Use certified payroll to verify.                      |
| Fringe Benefits:<br>(put X in appropriate box)                            | Benefit Paid                        |                  |                  |                  |   |
|   | Benefit Provided                    |                  |                  |                  |   |
|   | Pension <sup>1</sup>                |                  | X                |                  |   |
|   | Health/Welfare <sup>1</sup>         |                  | X                |                  |   |
|   | Training/Certification <sup>1</sup> |                  | X                |                  |   |
|   | Vacation/Holiday <sup>1</sup>       | X                |                  |                  |   |
|   | Other                               |                  | X                |                  |   |
| 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 <sup>2</sup>                                    |                                     |                  |                  |                  | 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 <sup>1</sup>   |                                     | 1.24             | 1.24             | 1.24             | Usually less than 11%; can request policy.            |
| Other <sup>1</sup>  |                                     | 39.79            | 39.79            | 39.79            |   |
| Other <sup>1</sup>  |                                     | -                | -                | -                |   |
| 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                              |
| <b>TOTAL HOURLY RATE (Total Hourly Rate + Burden)</b>                     |                                     | <b>\$ 147.35</b> | <b>\$ 183.38</b> | <b>\$ 219.40</b> | = 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'.

<sup>1</sup> Costs for Overtime and Double Time are same as for Regular Time.

<sup>2</sup> Taxes & Insurance apply to Total Paid Hourly Rate which includes Base Labor Rate plus benefits paid in cash.

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 correct.

Rates certified by: \_\_\_\_\_ Company Name: **XL Construction**  
(print name)

Signature: \_\_\_\_\_

PROJECT NAME **County of San Mateo South San Francisco Wellness Center**

CONTRACTOR **XL Construction**

SUBCONTRACTOR

PROJECT NO.

CONTRACT NO.

DATE For 2023

**HOURLY LABOR RATE WORKSHEET**

(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** CLASSIFICATION: **Journeyman**

| Item   | Rate Per \$100             | Union Wage Rate  |                            |                  | Notes   |   |   |  |  |   |   |  |  |  |  |  |
|--|----------------------------|------------------|----------------------------|------------------|---|---|---|--|--|---|---|--|--|--|--|--|
|  |                            | Regular Time     | Overtime                   | Double Time      |   |   |   |  |  |   |   |  |  |  |  |  |
| Base Labor Rate  |                            | \$ 60.39         | \$ 90.59                   | \$ 120.78        | Use certified payroll to verify.                      |   |   |  |  |   |   |  |  |  |  |  |
| Fringe Benefits:<br><table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>Benefit Paid</td> <td>Benefit Provided</td> </tr> <tr> <td colspan="2">(put X in appropriate box)</td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td>X</td> <td></td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td>X</td> <td></td> </tr> </table> | Benefit Paid               | Benefit Provided | (put X in appropriate box) |                  |   | X | X |  |  | X | X |  |  |  |  |  |
|  | Benefit Paid               | Benefit Provided |                            |                  |   |   |   |  |  |   |   |  |  |  |  |  |
|  | (put X in appropriate box) |                  |                            |                  |   |   |   |  |  |   |   |  |  |  |  |  |
|  |                            | X                |                            |                  |   |   |   |  |  |   |   |  |  |  |  |  |
|  | X                          |                  |                            |                  |   |   |   |  |  |   |   |  |  |  |  |  |
|  |                            | X                |                            |                  |   |   |   |  |  |   |   |  |  |  |  |  |
| X  |                            |                  |                            |                  |   |   |   |  |  |   |   |  |  |  |  |  |
| Pension <sup>1</sup>   |                            | 11.25            | 11.25                      | 11.25            |   |   |   |  |  |   |   |  |  |  |  |  |
| Health/Welfare <sup>1</sup>  |                            | 12.49            | 12.49                      | 12.49            |   |   |   |  |  |   |   |  |  |  |  |  |
| Training/Certification <sup>1</sup>  |                            | 1.19             | 1.19                       | 1.19             |   |   |   |  |  |   |   |  |  |  |  |  |
| Vacation/Holiday <sup>1</sup>  |                            | 5.58             | 5.58                       | 5.58             |   |   |   |  |  |   |   |  |  |  |  |  |
| Other  |                            | 3.30             | 3.30                       | 3.30             |   |   |   |  |  |   |   |  |  |  |  |  |
| Fringe Benefits Subtotal   |                            | \$ 33.81         | \$ 33.81                   | \$ 33.81         |   |   |   |  |  |   |   |  |  |  |  |  |
| 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 <sup>2</sup>   |                            |                  |                            |                  | 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 <sup>1</sup>  |                            | 1.11             | 1.11                       | 1.11             | Usually less than 11%; can request policy.            |   |   |  |  |   |   |  |  |  |  |  |
| Other <sup>1</sup>   |                            | 38.05            | 38.05                      | 38.05            |   |   |   |  |  |   |   |  |  |  |  |  |
| Other <sup>1</sup>   |                            | -                | -                          | -                |   |   |   |  |  |   |   |  |  |  |  |  |
| 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, etc.)  |                            | N/A              | N/A                        | N/A              | Included in OH&P per CGC                              |   |   |  |  |   |   |  |  |  |  |  |
| <b>TOTAL HOURLY RATE (Total Hourly Rate + Burden)</b>  |                            | <b>\$ 138.93</b> | <b>\$ 171.68</b>           | <b>\$ 204.43</b> | = 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'.

<sup>1</sup> Costs for Overtime and Double Time are same as for Regular Time.

<sup>2</sup> Taxes & Insurance apply to Total Paid Hourly Rate which includes Base Labor Rate plus benefits paid in cash.

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 correct.

Rates certified by: \_\_\_\_\_ Company Name: **XL Construction**  
(print name)

Signature: \_\_\_\_\_

PROJECT NAME **County of San Mateo South San Francisco Wellness Center**

CONTRACTOR **XL Construction**

SUBCONTRACTOR

PROJECT NO.

CONTRACT NO.

DATE For 2023

**HOURLY LABOR RATE WORKSHEET**

(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**

| Item  | Rate Per \$100  | Union Wage Rate  |                  |                  | Notes   |
|---|---|------------------|------------------|------------------|---|
|   |   | Regular Time     | Overtime         | Double Time      |   |
| Base Labor Rate   |   | \$ 41.13         | \$ 61.70         | \$ 82.26         | Use certified payroll to verify.                      |
|   | Benefit Paid   Benefit Provided<br>(put X in appropriate box) |                  |                  |                  |   |
| Fringe Benefits:  |   |                  |                  |                  |   |
| Pension <sup>1</sup>  | X   | 9.96             | 9.96             | 9.96             |   |
| Health/Welfare <sup>1</sup>   | X   | 10.10            | 10.10            | 10.10            |   |
| Training/Certification <sup>1</sup>                                       | X   | 0.52             | 0.52             | 0.52             |   |
| Vacation/Holiday <sup>1</sup>   | X   | 3.26             | 3.26             | 3.26             |   |
| Other   | X   | 4.72             | 4.72             | 4.72             |   |
| Fringe Benefits Subtotal  |   | \$ 28.56         | \$ 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 <sup>2</sup>                                    |   |                  |                  |                  | 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 <sup>1</sup>   |   | 0.74             | 0.74             | 0.74             | Usually less than 11%; can request policy.            |
| Other <sup>1</sup>  |   | 38.44            | 38.44            | 38.44            |   |
| Other <sup>1</sup>  |   | -                | -                | -                |   |
| 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, etc.) |   | N/A              | N/A              | N/A              | Included in OH&P per CGC                              |
| <b>TOTAL HOURLY RATE (Total Hourly Rate + Burden)</b>                     |   | <b>\$ 112.62</b> | <b>\$ 134.92</b> | <b>\$ 157.23</b> | = 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'.

<sup>1</sup> Costs for Overtime and Double Time are same as for Regular Time.

<sup>2</sup> Taxes & Insurance apply to Total Paid Hourly Rate which includes Base Labor Rate plus benefits paid in cash.

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 correct.

Rates certified by: \_\_\_\_\_ Company Name: **XL Construction**  
 (print name)

Signature: \_\_\_\_\_

PROJECT NAME **County of San Mateo South San Francisco Wellness Center**

CONTRACTOR **XL Construction**

SUBCONTRACTOR

PROJECT NO.

CONTRACT NO.

DATE For 2023

**HOURLY LABOR RATE WORKSHEET**

(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: **Journeyman**

| Item   | Rate Per \$100             | Union Wage Rate  |                            |                  | Notes   |   |   |  |  |   |   |  |  |   |  |  |  |  |
|--|----------------------------|------------------|----------------------------|------------------|---|---|---|--|--|---|---|--|--|---|--|--|--|--|
|  |                            | Regular Time     | Overtime                   | Double Time      |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Base Labor Rate  |                            | \$ 36.25         | \$ 54.38                   | \$ 72.50         | Use certified payroll to verify.                      |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Fringe Benefits:<br><table border="1" style="margin-left: 20px;"> <tr> <td>Benefit Paid</td> <td>Benefit Provided</td> </tr> <tr> <td colspan="2">(put X in appropriate box)</td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td>X</td> <td></td> </tr> <tr> <td></td> <td>X</td> </tr> <tr> <td>X</td> <td></td> </tr> <tr> <td></td> <td>X</td> </tr> </table> | Benefit Paid               | Benefit Provided | (put X in appropriate box) |                  |   | X | X |  |  | X | X |  |  | X |  |  |  |  |
|  | Benefit Paid               | Benefit Provided |                            |                  |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
|  | (put X in appropriate box) |                  |                            |                  |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
|  |                            | X                |                            |                  |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
|  | X                          |                  |                            |                  |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
|  |                            | X                |                            |                  |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
|  | X                          |                  |                            |                  |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
|  | X                          |                  |                            |                  |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Pension <sup>1</sup>   |                            | 9.96             | 9.96                       | 9.96             |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Health/Welfare <sup>1</sup>  |                            | 10.10            | 10.10                      | 10.10            |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Training/Certification <sup>1</sup>  |                            | 0.52             | 0.52                       | 0.52             |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Vacation/Holiday <sup>1</sup>  |                            | 3.26             | 3.26                       | 3.26             |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Other  |                            | 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 <sup>2</sup>   |                            |                  |                            |                  | 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 <sup>1</sup>  |                            | 0.65             | 0.65                       | 0.65             | Usually less than 11%; can request policy.            |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Other <sup>1</sup>   |                            | 34.35            | 34.35                      | 34.35            |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| Other <sup>1</sup>   |                            | -                | -                          | -                |   |   |   |  |  |   |   |  |  |   |  |  |  |  |
| 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                              |   |   |  |  |   |   |  |  |   |  |  |  |  |
| <b>TOTAL HOURLY RATE (Total Hourly Rate + Burden)</b>  |                            | <b>\$ 103.15</b> | <b>\$ 122.81</b>           | <b>\$ 142.46</b> | = 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'.

<sup>1</sup> Costs for Overtime and Double Time are same as for Regular Time.

<sup>2</sup> Taxes & Insurance apply to Total Paid Hourly Rate which includes Base Labor Rate plus benefits paid in cash.

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 correct.

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**

| <b><u>FRINGE BENEFITS</u></b>  | <b><u>EFFECTIVE<br/>7/1/23-6/30/24<br/>PER HOUR</u></b> |                   |
|--|---|-------------------|
| Health & Welfare   | \$12.49   | (\$ .39 increase) |
| Pension  | \$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<br>(Includes Contract Admin., Industry<br>Promotion, Carpenters International<br>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<br>excluding Vacation/Holiday/Sick<br>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):**

|   | <b><u>EFFECTIVE</u></b><br><b><u>7/1/23-6/30/24</u></b><br><b><u>PER HOUR</u></b> | <b><u>EFFECTIVE</u></b><br><b><u>7/1/23-6/30/24</u></b><br><b><u>PER HOUR</u></b><br><b><u>(TAXABLE)</u></b> |
|---|---|--|
| 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<br>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**

|  | <b>EFFECTIVE<br/>6/26/23-6/30/24<br/>PER HOUR</b>     |   |
|--|---|---|
| <b><u>FRINGE BENEFITS (46 COUNTY AREA)</u></b>   |   |   |
| Health and Welfare   | \$10.10 (\$0.50 increase)                             |   |
| Pension  | \$9.96 (\$0.50 increase)                              |   |
| Annuity  | \$4.40  |   |
| *Vacation/Holiday/Supplemental Dues  | \$3.25 (\$0.20 increase)                              |   |
| Training and Retraining (including LECET)  | \$0.50  |   |
| Contract Administration/Market Preservation Fund   | \$0.10  |   |
| CEA & Laborers Contract Interpretation and Application Fund  | \$0.02  |   |
| Building Industry Stabilization Fund   | <u>\$0.23</u> (\$0.05 increase)                       |   |
| <br>Total Fringe Benefits  | <br><b>\$28.56</b>                                    |   |
| Total Fringe Benefits excluding Vacation/<br>Hol./Suppl. Dues  | <br><b>\$25.31</b>                                    |   |
|  | <br><b>EFFECTIVE<br/>6/26/23-6/30/24<br/>PER HOUR</b> | <br><b>EFFECTIVE<br/>6/26/23-6/30/24<br/>PER HOUR<br/>(TOTAL TAXABLE)</b> |
| <u>GROUP 3 (cont'd.)</u>   | \$36.25   | \$39.50   |
| Pavement Markers (Button Setters)  |   |   |
| Maintenance Repair Trackmen and Road Beds  |   |   |
| Escort Driver  |   |   |
| Skip Loader (up to and including 1/2 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)  |   |   |
| <br><u>GROUP 3(a)</u>  | <br>\$36.25   | <br>\$39.50   |
| Composite Crew Person (Shall apply only to operation of vehicles, when operated in conjunction with Laborers' duties.) |   |   |

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](mailto: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  | \$78   | \$310   |
| 8'x20' CONTAINER               | 8x10 Storage Container,ea               | Rental      | Lease           | \$13  | \$63   | \$250   |
| BUILDERS LEVELS & INSTRUMENTS  | Builders Level, Auto w/ tripod & Rod    | Rental      | AL28M-2         | \$22  | \$66   | \$231   |
| BUILDERS LEVELS & INSTRUMENTS  | Laser Level, Handheld                   | Rental      | PLS3            | \$20  | \$60   | \$210   |
| BUILDERS LEVELS & INSTRUMENTS  | Laser Level, Reciever & Tripod          | Rental      | LL300N          | \$50  | \$150  | \$525   |
| BUILDERS LEVELS & INSTRUMENTS  | Laser Range Meter                       | Rental      | PD 32           | \$10  | \$30   | \$105   |
| BUILDERS LEVELS & INSTRUMENTS  | Line Laser                              | Rental      | PMP 34          | \$20  | \$60   | \$210   |
| BUILDERS LEVELS & INSTRUMENTS  | Line+Poin, Green Laser.                 | Rental      | PLS6G           | \$30  | \$90   | \$315   |
| BUILDERS LEVELS & INSTRUMENTS  | Self-Leveling Rotary Laser,ea           | Rental      | GRL 500H        | \$32  | \$160  | \$640   |
| BUILDERS LEVELS & INSTRUMENTS  | Target, Laser                           | Rental      | Lightning       | \$14  | \$42   | \$147   |
| BUILDERS LEVELS & INSTRUMENTS  | Theodolite                              | Rental      | NE-100          | \$80  | \$240  | \$840   |
| CONCRETE EQUIPMENT             | Cut Off Saw, 12" Electric               | Rental      | DCH EA 300      | \$40  | \$120  | \$420   |
| CONCRETE EQUIPMENT             | Floor Grinder, Dual-Disc                | Rental      | 2EC-1.5B        | \$100 | \$300  | \$1,050 |
| CONCRETE EQUIPMENT             | Grinder, Diamond                        | Rental      | DG 150          | \$150 | \$450  | \$1,575 |
| CONCRETE EQUIPMENT             | Pneumatic Epoxy Gun                     | Rental      | P3500F          | \$30  | \$90   | \$315   |
| CONCRETE EQUIPMENT             | Rebar Scanner                           | Rental      | PS 200 S        | \$200 | \$600  | \$2,100 |
| CONCRETE EQUIPMENT             | Rebar/Wall Scanner,ea                   | Rental      | D-TECH 150      | \$75  | \$150  | \$600   |
| CONCRETE EQUIPMENT             | Vibrating Plate                         | Rental      | MVC 88GHW       | \$80  | \$240  | \$840   |
| CONTRACTOR LIFTS               | Contractor Lift                         | Rental      | 2100            | \$50  | \$150  | \$525   |
| 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      | xxx             | \$30  | \$120  | \$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  | \$42   | \$147   |
| DOLLIES, CARTS & BOXES         | Door Dolly                              | Rental      |                 | \$6   | \$18   | \$63    |
| DOLLIES, CARTS & BOXES         | Door Transport Cart                     | Rental      |                 | \$10  | \$30   | \$105   |
| DOLLIES, CARTS & BOXES         | Drywall Cart                            | Rental      |                 | \$12  | \$36   | \$126   |
| DOLLIES, CARTS & BOXES         | Furniture Dolly                         | Rental      |                 | \$6   | \$18   | \$63    |
| DOLLIES, CARTS & BOXES         | Gangbox, Field Office                   | Rental      | 119             | \$28  | \$83   | \$288   |
| DOLLIES, CARTS & BOXES         | Hand Truck                              | Rental      |                 | \$6   | \$18   | \$63    |
| DOLLIES, CARTS & BOXES         | Hospital Cart                           | Rental      | Hospital Cart   | \$30  | \$90   | \$315   |
| DOLLIES, CARTS & BOXES         | Knaack Large Gang Box                   | Rental      | 89              | \$20  | \$60   | \$210   |
| DOLLIES, CARTS & BOXES         | Knaack Small Gang Box                   | Rental      |                 | \$14  | \$42   | \$147   |
| DOLLIES, CARTS & BOXES         | Pallet Jack                             | Rental      |                 | \$24  | \$72   | \$252   |
| DOLLIES, CARTS & BOXES         | Utility Cart                            | Rental      |                 | \$5   | \$15   | \$60    |
| DOLLIES, CARTS & BOXES         | Wheelbarrow                             | Rental      |                 | \$6   | \$18   | \$63    |
| DRILLS, ROTOHAMMERS & SHOTGUNS | 1/2" Drill, 20v cordless                | Rental      | DCD980L2        | \$6   | \$10   | \$35    |
| DRILLS, ROTOHAMMERS & SHOTGUNS | 2pc Combo Kit, Drill - Impact,          | Rental      | XT267T          | \$8   | \$40   | \$160   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | 20v SDS Plus Rotohammer                 | Rental      | DCH273P2        | \$24  | \$72   | \$252   |
| 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 | GX 120 Gas-Actuated Pin Driver          | Rental      | GX 120          | \$50  | \$150  | \$525   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Hammer Drill 7/8"                       | Rental      | 11224VSR        | \$20  | \$60   | \$210   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Impact Driver, 20v cordless             | Rental      | DCF887          | \$12  | \$36   | \$126   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Impact Wrench 1/2 Brushless 3 Speed 20V | Rental      | DCF899P2        | \$16  | \$48   | \$168   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Powder Actuated Extension Pole          | Rental      |                 | \$6   | \$18   | \$63    |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Powder Actuated Gun                     | Rental      | DX2             | \$8   | \$40   | \$120   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Roto Hammer, 1 3/4 SDSMAX               | Rental      | D25602K         | \$40  | \$120  | \$420   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Roto Hammer, 1" SDS Plus                | Rental      | TE 7            | \$30  | \$90   | \$315   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Rotohammer, 1-3/4" SDSMAX               | Rental      | D25604K         | \$40  | \$120  | \$420   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Rotohammer, 1-7/8" SDS                  | Rental      | D25712k         | \$50  | \$150  | \$525   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Screwgun                                | Rental      | DW268           | \$8   | \$23   | \$78    |
| DRILLS, ROTOHAMMERS & SHOTGUNS | SDS Max Combiammer ATC                  | Rental      | TE 80 ATC       | \$80  | \$240  | \$840   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | SDS Max Demo Hammer                     | Rental      | D25901K         | \$50  | \$150  | \$525   |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Spade 1/2" Handle Drill                 | Rental      | DW130V          | \$10  | \$50   | \$200   |
| FANS & HEATERS                 | 30" Pedastal Air Circulator             | Rental      |                 | \$20  | \$60   | \$210   |
| FANS & HEATERS                 | 36" Portable Fan                        | Rental      |                 | \$30  | \$90   | \$315   |
| FENCING/ TOILETS               | Station Sink, 2nd Service               | Rental      | SERVICE         | \$178 | \$178  | \$178   |

| Category                 | Description                                 | Calculation | Model         | Daily | Weekly  | Monthly |
|--------------------------|---|-------------|---------------|-------|---------|---------|
| FENCING/ TOILETS         | 2 Station Sink                              | Rental      |               | \$12  | \$59    | \$236   |
| FENCING/ TOILETS         | Containment Trays                           | Rental      |               | \$1   | \$3     | \$14    |
| FENCING/ TOILETS         | Standard Restroom, 3rd Service, ea          | Rental      | 3rd Service   | \$8   | \$38    | \$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    | \$315   |
| INFECTIOUS CONTROL       | Hepa Cart                                   | Rental      |               | \$40  | \$200   | \$800   |
| INFECTIOUS CONTROL       | Negative Air Machine, 600cfm                | Rental      | Omniaire 600v | \$40  | \$120   | \$420   |
| INFECTIOUS CONTROL       | Negative Air Machine, 2000cfm               | Rental      | 2200c         | \$40  | \$120   | \$420   |
| JOB OFFICE TRAILERS      | 7'x16' Office/Storage Trailer               | Rental      | Hallmark      | \$25  | \$125   | \$500   |
| JOB OFFICE TRAILERS      | 10'x32' Office Trailer                      | Rental      | 10x32'        | \$30  | \$150   | \$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      | 12x40'        | \$45  | \$225   | \$1,800 |
| JOB OFFICE TRAILERS      | 12'x60' Office Trailer - Ready to Work      | Rental      | 12x60         | \$300 | \$1,300 | \$2,600 |
| JOB OFFICE TRAILERS      | 24x60 Double Wide Trailer - Ready to Work   | Rental      | 24 x 60       | \$190 | \$950   | \$3,800 |
| JOB OFFICE TRAILERS      | 40' Semi Storage Trailer                    | Rental      | FA-70         | \$80  | \$240   | \$825   |
| JOB OFFICE TRAILERS      | ADA Ramp                                    | Rental      | ADA Ramp      | \$48  | \$200   | \$680   |
| JOB OFFICE TRAILERS      | Equipment Trailer                           | Rental      |               | \$50  | \$150   | \$525   |
| JOB SITE TRANSPORTATION  | Cart UTV 2 Passenger DSL                    | Rental      | Ranger Diesel | \$80  | \$240   | \$840   |
| JOB SITE TRANSPORTATION  | Golf Cart                                   | Rental      |               | \$60  | \$180   | \$630   |
| JOBSITE RADIOS           | Channel 2way Radio W/Microphone             | Rental      | TK-3360       | \$8   | \$23    | \$79    |
| JOBSITE SIGNAGE          | 2'x3' Safety Sign                           | Rental      |               | \$4   | \$12    | \$42    |
| JOBSITE SIGNAGE          | 3'x4' No Parking Sign                       | Rental      |               | \$14  | \$42    | \$147   |
| JOBSITE SIGNAGE          | Jobsite Entrance Sign                       | Rental      |               | \$14  | \$42    | \$147   |
| JOBSITE SIGNAGE          | Traffic Road Sign                           | Rental      |               | \$14  | \$42    | \$147   |
| LADDERS                  | Ladder Rail Extention System                | Rental      |               | \$3   | \$15    | \$60    |
| LADDERS                  | Ladder, 4' Fiberglass Step Ladder           | Rental      |               | \$6   | \$18    | \$63    |
| LADDERS                  | Ladder, 6' Fiberglass Step Ladder           | Rental      |               | \$8   | \$24    | \$84    |
| LADDERS                  | Ladder, 8' Fiberglass Step Ladder           | Rental      |               | \$10  | \$30    | \$105   |
| LADDERS                  | Ladder, 10' Fiberglass Step Ladder          | Rental      |               | \$12  | \$36    | \$126   |
| LADDERS                  | Ladder, 12' Fiberglass Step Ladder          | Rental      |               | \$14  | \$42    | \$147   |
| LADDERS                  | Ladder, 14' Fiberglass Step Ladder          | Rental      |               | \$14  | \$42    | \$147   |
| LADDERS                  | Ladder, 16' Extention Ladder                | Rental      |               | \$14  | \$42    | \$147   |
| LADDERS                  | Ladder, 24' Extension Ladder                | Rental      |               | \$14  | \$42    | \$147   |
| LADDERS                  | Ladder, 32' Extension Ladder                | Rental      |               | \$20  | \$60    | \$210   |
| LADDERS                  | Ladder, 40' Extension Ladder                | Rental      |               | \$20  | \$60    | \$210   |
| MISC. TOOLS              | Biscuit Cutter                              | Rental      | DW682         | \$8   | \$24    | \$84    |
| MISC. TOOLS              | Blower, Backpack                            | Rental      | PB-755        | \$20  | \$60    | \$210   |
| MISC. TOOLS              | Cordless Blower,ea                          | Rental      |               | \$4   | \$20    | \$80    |
| MISC. TOOLS              | Cordless Inspection Camera                  | Rental      |               | \$8   | \$24    | \$84    |
| MISC. TOOLS              | Electric Shears                             | Rental      | 6852-20       | \$10  | \$30    | \$105   |
| MISC. TOOLS              | Epoxy Gun                                   | Rental      |               | \$10  | \$30    | \$105   |
| MISC. TOOLS              | Floor Scale, 48x48 5000lb                   | Rental      |               | \$30  | \$90    | \$315   |
| MISC. TOOLS              | Floor Scraper, Electric                     | Rental      |               | \$50  | \$125   | \$525   |
| MISC. TOOLS              | Heat Gun                                    | Rental      |               | \$8   | \$24    | \$84    |
| MISC. TOOLS              | Heat Gun                                    | Rental      | 1942          | \$8   | \$24    | \$84    |
| MISC. TOOLS              | Inspection Scope                            | Rental      |               | \$20  | \$60    | \$210   |
| MISC. TOOLS              | Magnetic Sweeper                            | Rental      |               | \$6   | \$18    | \$63    |
| MISC. TOOLS              | Paint Sprayer Machine ,ea                   | Rental      | Magnum X7     | \$6   | \$31    | \$125   |
| MISC. TOOLS              | Post Driver                                 | Rental      |               | \$2   | \$6     | \$21    |
| MISC. TOOLS              | Steel Banding Machine & Tools               | Rental      |               | \$20  | \$60    | \$210   |
| MISC. TOOLS              | Suction Cups (pair)                         | Rental      |               | \$6   | \$18    | \$63    |
| MISC. TOOLS              | Torque Wrench 1/2"                          | Rental      |               | \$10  | \$30    | \$105   |
| MISC. TOOLS              | Torque Wrench, 3/8"                         | Rental      |               | \$8   | \$24    | \$84    |
| MISC. TOOLS              | Zipwall/3rd Hand Brace 12'                  | Rental      |               | \$4   | \$12    | \$42    |
| MISC. TOOLS              | Zipwall/3rd Hand Brace 20'                  | Rental      |               | \$6   | \$18    | \$63    |
| OFFICE TRAILER EQUIPMENT | 46" LCD TV                                  | Rental      | UN46H2620     | \$10  | \$30    | \$105   |
| OFFICE TRAILER EQUIPMENT | 52" LCD TV                                  | Rental      | LC-52LE       | \$12  | \$36    | \$126   |
| OFFICE TRAILER EQUIPMENT | 55" LCD TV                                  | Rental      | M550SL        | \$12  | \$36    | \$126   |
| OFFICE TRAILER EQUIPMENT | 60" LED Smart TV                            | Rental      | UN60J6300     | \$14  | \$42    | \$147   |
| OFFICE TRAILER EQUIPMENT | 65" Digital FlipBoard TV,ea                 | Rental      | WM65R         | \$18  | \$54    | \$189   |
| OFFICE TRAILER EQUIPMENT | 65" Ultra HD LED TV                         | Rental      | UN65KU6300    | \$18  | \$54    | \$189   |
| OFFICE TRAILER EQUIPMENT | 70" LCD TV                                  | Rental      | E70-C3        | \$18  | \$54    | \$189   |
| OFFICE TRAILER EQUIPMENT | 75" Smart TV                                | Rental      | UN75J6300AF   | \$24  | \$72    | \$252   |
| OFFICE TRAILER EQUIPMENT | 75" UHD TV                                  | Rental      | UN75JU650DF   | \$24  | \$72    | \$252   |
| OFFICE TRAILER EQUIPMENT | Access Point                                | Rental      | MR32          | \$16  | \$48    | \$168   |

| Category                    | Description                             | Calculation | Model           | Daily | Weekly | Monthly |
|-----------------------------|---|-------------|-----------------|-------|--------|---------|
| OFFICE TRAILER EQUIPMENT    | Conference Cam                          | Rental      | BCC950          | \$4   | \$12   | \$42    |
| OFFICE TRAILER EQUIPMENT    | Conference Station                      | Rental      | 7937            | \$2   | \$6    | \$21    |
| OFFICE TRAILER EQUIPMENT    | Cradlepoint                             | Rental      | AER1600         | \$10  | \$30   | \$105   |
| OFFICE TRAILER EQUIPMENT    | DATA VAULT MOBILE                       | Rental      | 118-M           | \$40  | \$120  | \$420   |
| OFFICE TRAILER EQUIPMENT    | Digital Camera                          | Rental      |                 | \$4   | \$12   | \$42    |
| OFFICE TRAILER EQUIPMENT    | Double Wide Trailer IT Box, Set Up      | Rental      | IT BOX          | \$15  | \$75   | \$275   |
| OFFICE TRAILER EQUIPMENT    | Firewall                                | Rental      | MX65            | \$14  | \$42   | \$147   |
| OFFICE TRAILER EQUIPMENT    | Folding Chairs                          | Rental      |                 | \$1   | \$4    | \$10    |
| OFFICE TRAILER EQUIPMENT    | Folding Table                           | Rental      |                 | \$2   | \$6    | \$21    |
| OFFICE TRAILER EQUIPMENT    | Ink Jet Printer                         | Rental      | MCF-J6920DW     | \$16  | \$48   | \$168   |
| OFFICE TRAILER EQUIPMENT    | Inkjet All-in-One Printer               | Rental      | MFC-J6910DW     | \$16  | \$48   | \$168   |
| OFFICE TRAILER EQUIPMENT    | IPAD - Basic                            | Rental      |                 | \$20  | \$60   | \$210   |
| OFFICE TRAILER EQUIPMENT    | IPAD - WiFi/Data                        | Rental      |                 | \$20  | \$60   | \$210   |
| OFFICE TRAILER EQUIPMENT    | Ipad Pro - 11"                          | Rental      | A1980           | \$30  | \$90   | \$315   |
| OFFICE TRAILER EQUIPMENT    | IPAD PRO - 12.9"                        | Rental      | A1876           | \$30  | \$90   | \$315   |
| OFFICE TRAILER EQUIPMENT    | IT Job Box                              | Rental      |                 | \$4   | \$12   | \$42    |
| OFFICE TRAILER EQUIPMENT    | Laser Jet Pro Printer,ea                | Rental      | 454DN           | \$8   | \$40   | \$160   |
| OFFICE TRAILER EQUIPMENT    | NAS Device                              | Rental      | RN42200         | \$5   | \$20   | \$65    |
| OFFICE TRAILER EQUIPMENT    | Projector                               | Rental      | EX3200          | \$4   | \$20   | \$80    |
| OFFICE TRAILER EQUIPMENT    | Safety Laptop                           | Rental      |                 | \$10  | \$50   | \$200   |
| OFFICE TRAILER EQUIPMENT    | Standart Trailer IT Box, Set Up         | Rental      | IT BOX          | \$10  | \$50   | \$150   |
| OFFICE TRAILER EQUIPMENT    | Switch, 8 Port                          | Rental      | TS-8-PRO        | \$1   | \$5    | \$20    |
| OFFICE TRAILER EQUIPMENT    | Switch, 24 port, VOIP                   | Rental      | CATALYST 3524   | \$3   | \$15   | \$60    |
| OFFICE TRAILER EQUIPMENT    | Triple Wide Trailer IT Box,Set Up       | Rental      | IT BOX          | \$30  | \$120  | \$405   |
| OFFICE TRAILER EQUIPMENT    | UPS Battery Backup                      | Rental      |                 | \$2   | \$20   | \$40    |
| OFFICE TRAILER EQUIPMENT    | Video Conf. Camera                      | Rental      | SX10            | \$10  | \$50   | \$200   |
| OFFICE TRAILER EQUIPMENT    | Video Conference Box                    | Rental      | Chromebox       | \$23  | \$115  | \$460   |
| OFFICE TRAILER EQUIPMENT    | Webex,Conference Tablet,                | Rental      | Touch-10        | \$10  | \$50   | \$200   |
| OFFICE TRAILER EQUIPMENT    | Wireless Access Point                   | Rental      | Airport Extreme | \$2   | \$10   | \$40    |
| OFFICE TRAILER EQUIPMENT    | XL Magnetic Dry Erase WhiteBoards,1set  | Rental      | Custom Signage  | \$25  | \$125  | \$350   |
| PERIMETER SAFETY/PROTECTION | 3 Channel Heavy Duty Cable Protector    | Rental      |                 | \$4   | \$20   | \$80    |
| PERIMETER SAFETY/PROTECTION | Barricades                              | Rental      |                 | \$1   | \$3    | \$10    |
| PERIMETER SAFETY/PROTECTION | Barriers, Water Filled                  | Rental      |                 | \$3   | \$13   | \$50    |
| PERIMETER SAFETY/PROTECTION | Barriers, Water Filled W/Fence Combo,ea | Rental      |                 | \$4   | \$16   | \$62    |
| PERIMETER SAFETY/PROTECTION | Barricade With Flasher                  | Rental      |                 | \$2   | \$10   | \$30    |
| PERIMETER SAFETY/PROTECTION | Cable Protector, 4 Channel              | Rental      |                 | \$2   | \$10   | \$40    |
| PERIMETER SAFETY/PROTECTION | Cones                                   | Rental      |                 | \$1   | \$3    | \$10    |
| PERIMETER SAFETY/PROTECTION | Orange Deliniators                      | Rental      |                 | \$1   | \$3    | \$10    |
| PERIMETER SAFETY/PROTECTION | Speed Bump 6'                           | Rental      |                 | \$3   | \$15   | \$60    |
| PNEUMATIC EQUIPMENT         | Air Compressor 4.5 Gallon, Cart         | Rental      | D55146          | \$18  | \$90   | \$360   |
| PNEUMATIC EQUIPMENT         | Air Compressor 12.5 CFM                 | Rental      | 6820K17         | \$20  | \$100  | \$400   |
| PNEUMATIC EQUIPMENT         | Air Compressor, Twin Tank, 4 CFM        | Rental      | AM78-HC4v       | \$15  | \$75   | \$300   |
| 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  | \$50   | \$200   |
| PNEUMATIC EQUIPMENT         | Cordless Framing Nailer Gun 18V,ea      | Rental      | M18-Fuel        | \$15  | \$75   | \$300   |
| PNEUMATIC EQUIPMENT         | Finish Nailer, 2-1/2", 15ga             | Rental      | NT 65M2         | \$10  | \$50   | \$200   |
| PNEUMATIC EQUIPMENT         | Finish Nailer                           | Rental      | 42XP            | \$10  | \$50   | \$200   |
| PNEUMATIC EQUIPMENT         | Finish Nailer, N60                      | Rental      | N60FN           | \$10  | \$50   | \$200   |
| PNEUMATIC EQUIPMENT         | Finish Staple Gun, 1/2" - 1"            | Rental      | NS100           | \$10  | \$50   | \$200   |
| 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  | \$75   | \$300   |
| PNEUMATIC EQUIPMENT         | Nail Gun, Joist Hanger                  | Rental      | HN250           | \$8   | \$40   | \$160   |
| PNEUMATIC EQUIPMENT         | Nail Gun, Paslode Type                  | Rental      | NR 65AK PP      | \$15  | \$75   | \$300   |
| PNEUMATIC EQUIPMENT         | Palm Nailer                             | Rental      |                 | \$5   | \$25   | \$100   |
| PNEUMATIC EQUIPMENT         | Positive Placement                      | Rental      | PP Nailer       | \$15  | \$75   | \$300   |
| PNEUMATIC EQUIPMENT         | Trim Stapler                            | Rental      | SX150           | \$8   | \$40   | \$160   |
| PUMPS & SPRAY WASHERS       | Discharge Hose, 50'                     | Rental      |                 | \$3   | \$15   | \$60    |
| PUMPS & SPRAY WASHERS       | Electric ,Pressure washer,              | Rental      | SPX3500         | \$32  | \$160  | \$640   |
| PUMPS & SPRAY WASHERS       | Fire Hose, 2-1/2"x50'                   | Rental      |                 | \$5   | \$25   | \$100   |
| PUMPS & SPRAY WASHERS       | HQ 2" Submersible Pump                  | Rental      | ST-2038P        | \$12  | \$60   | \$240   |
| PUMPS & SPRAY WASHERS       | Pressure Washer, 3000psi                | Rental      | Job Pro         | \$32  | \$160  | \$640   |
| PUMPS & SPRAY WASHERS       | Sump Pump, 1hp w/ float                 | Rental      |                 | \$6   | \$30   | \$120   |
| PUMPS & SPRAY WASHERS       | Sump Pump, 3/4"                         | Rental      |                 | \$2   | \$10   | \$40    |
| PUMPS & SPRAY WASHERS       | Trash Pump, 3"                          | Rental      |                 | \$29  | \$145  | \$580   |
| ROUTERS                     | 2.2hp Router                            | Rental      | 1617EVS         | \$15  | \$75   | \$300   |
| ROUTERS                     | Router, D-Handle                        | Rental      | 6912            | \$6   | \$30   | \$120   |
| ROUTERS                     | Router,Laminate Trimmer                 | Rental      |                 | \$6   | \$30   | \$120   |
| SAFETY EQUIPMENT            | 7' Aluminum Tripod 3way SRL             | Rental      | 8301032         | \$17  | \$82   | \$325   |
| SAFETY EQUIPMENT            | 10' Guard Rail System                   | Rental      |                 | \$5   | \$25   | \$100   |
| SAFETY EQUIPMENT            | 10' Leading Edge, SRL'S                 | Rental      |                 | \$6   | \$30   | \$120   |
| SAFETY EQUIPMENT            | 11FT, Mini Retractable                  | Rental      | 10900           | \$5   | \$25   | \$100   |
| SAFETY EQUIPMENT            | 20FT Leading Edge , SRL'S               | Rental      |                 | \$8   | \$40   | \$160   |
| SAFETY EQUIPMENT            | 20FT, Retractable Life Line             | Rental      | 10910           | \$8   | \$40   | \$160   |
| SAFETY EQUIPMENT            | 30FT Retractable 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  | \$100  | \$400   |
| SAFETY EQUIPMENT            | 50FT Retractable Safety line            | Rental      | MP50G           | \$20  | \$100  | \$400   |
| SAFETY EQUIPMENT            | 50FT Retracting Ultra Lok life line     | Rental      | 3504480         | \$25  | \$125  | \$500   |
| SAFETY EQUIPMENT            | Aluminum Foot Guard                     | Rental      |                 | \$1   | \$5    | \$20    |
| SAFETY EQUIPMENT            | Beam Clamp                              | Rental      | Beam Clamp      | \$5   | \$25   | \$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  | \$75    | \$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   | \$5     | \$20    |
| SAFETY EQUIPMENT     | Lanyard, 3',6'   | Rental      |                   | \$2   | \$10    | \$40    |
| SAFETY EQUIPMENT     | Lanyard, 6' w/rebar hook                                     | Rental      |                   | \$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   | \$10    | \$40    |
| SAFETY EQUIPMENT     | Retractable Safety Line                                      | Rental      | L3400             | \$20  | \$100   | \$400   |
| SAFETY EQUIPMENT     | Safety Harness w/ Belt                                       | Rental      |                   | \$4   | \$20    | \$80    |
| SAFETY EQUIPMENT     | Slab Grabber   | Rental      |                   | \$2   | \$10    | \$40    |
| SAFETY EQUIPMENT     | Spill Kit  | Rental      |                   | \$5   | \$25    | \$100   |
| SAFETY EQUIPMENT     | Stretcher  | Rental      | JSA 300           | \$10  | \$50    | \$200   |
| SAFETY EQUIPMENT     | Wire Hook Anchorage Connector                                | Rental      | 470               | \$2   | \$10    | \$40    |
| SAFETY EQUIPMENT     | ZOLL FULLY AUTOMATIC   | Rental      |                   | \$3   | \$15    | \$60    |
| SANDERS & GRINDERS   | 5" Orbital Sander  | Rental      | 3725DEVS          | \$5   | \$25    | \$100   |
| SANDERS & GRINDERS   | 20v Cordless Grinder,ea                                      | Rental      | DCG413            | \$6   | \$30    | \$120   |
| SANDERS & GRINDERS   | Belt Sander, 3"  | Rental      | 360               | \$6   | \$30    | \$120   |
| SANDERS & GRINDERS   | Die Grinder, 1/4"  | Rental      | GD0601            | \$2   | \$10    | \$40    |
| SANDERS & GRINDERS   | Grinder, 4.5"  | Rental      | DWE402            | \$4   | \$20    | \$80    |
| SANDERS & GRINDERS   | Grinder, 7"  | Rental      | 1752              | \$6   | \$30    | \$120   |
| SANDERS & GRINDERS   | Sander, 5" Orbital   | Rental      | D26453            | \$3   | \$15    | \$60    |
| SANDERS & GRINDERS   | Sander, 5" Orbital   | Rental      | DWE6423K          | \$3   | \$15    | \$60    |
| SANDERS & GRINDERS   | Sander, Orbit  | Rental      | DW421             | \$4   | \$20    | \$80    |
| SAWS                 | 7-1/4 Skillsaw,ea  | Rental      | 5377MG            | \$5   | \$25    | \$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   | \$40    | \$160   |
| SAWS                 | Circular Saw 6 -1/2" 20v cordless                            | Rental      | DCS391            | \$3   | \$15    | \$60    |
| SAWS                 | Circular Saw 7 1/4" w/ accessories                           | Rental      | WSC 267-E         | \$7   | \$35    | \$140   |
| SAWS                 | Circular Saw, 7 1/4"   | Rental      | DWS535            | \$5   | \$25    | \$100   |
| SAWS                 | Circular Saw, 7-1/4" Worm Drive                              | Rental      | 77                | \$5   | \$25    | \$100   |
| SAWS                 | Circular Saw, 8-1/4"   | Rental      |                   | \$6   | \$30    | \$120   |
| SAWS                 | Cordless Fein Tool,  | Rental      | XMT03             | \$6   | \$30    | \$120   |
| SAWS                 | Cordless Skillsaw 18V,                                       | Rental      | XSR01             | \$8   | \$40    | \$160   |
| SAWS                 | Electric Sheet Metal Nibbler                                 | Rental      | JN1601            | \$60  | \$120   | \$200   |
| SAWS                 | Fein Saw   | Rental      |                   | \$6   | \$30    | \$120   |
| SAWS                 | Gas Chainsaw   | Rental      |                   | \$17  | \$85    | \$340   |
| SAWS                 | Jig Saw  | Rental      | 1587VSK           | \$5   | \$25    | \$100   |
| SAWS                 | Miter Saw, 10"   | Rental      |                   | \$4   | \$20    | \$80    |
| SAWS                 | Miter Saw, 12" Compound                                      | Rental      | DWS705            | \$8   | \$40    | \$160   |
| SAWS                 | PANEL SAW - KETT   | Rental      |                   | \$5   | \$25    | \$100   |
| SAWS                 | PortaBand  | Rental      | 6230              | \$8   | \$40    | \$160   |
| SAWS                 | Sawzall, Cordless 20v Kit                                    | Rental      | DCS380            | \$12  | \$36    | \$126   |
| SAWS                 | Sheet Metal Shears, Electric                                 | Rental      |                   | \$12  | \$36    | \$126   |
| SAWS                 | Skillsaw Walk Behind ,ea                                     | Rental      | SPT 79-10         | \$18  | \$35    | \$70    |
| SAWS                 | SUP/Cordless Kit   | Rental      |                   | \$20  | \$60    | \$210   |
| SCAFFOLDS            | 5' Mini-Scaffold   | Rental      |                   | \$14  | \$42    | \$147   |
| SCAFFOLDS            | Alum Scaffold Planks 1'x12'                                  | Rental      |                   | \$16  | \$48    | \$168   |
| SCAFFOLDS            | Perry Scaffold   | Rental      | Perry Original    | \$24  | \$72    | \$252   |
| SCAFFOLDS            | Rolling Scaffolding 6'                                       | Rental      |                   | \$24  | \$72    | \$252   |
| SECURITY CAMERA      | Camera,Cellular 12MP   | Rental      | OXMP-C            | \$50  | \$150   | \$525   |
| SECURITY CAMERA      | Cloud Access Through Sensera                                 | Charge      | Site Cloud Access |       |         | \$44    |
| SECURITY CAMERA      | Ecam Secure Solar 8 Camera Unit with Monitoring Kit,ea       | Rental      |                   | \$225 | \$1,125 | \$4,500 |
| SECURITY CAMERA      | Elite Security Camera Monitoring Service ,ea                 | Rental      |                   | \$105 | \$525   | \$2,100 |
| SECURITY CAMERA      | Elite Security Camera Monitoring Service â€” 1 Camera â€”,ea | Rental      |                   | \$70  | \$350   | \$1,400 |
| SECURITY CAMERA      | Sensera Camera, Kit.   | Rental      | MC88V             | \$50  | \$150   | \$550   |
| TEMP. POWER & LIGHTS | 20KW Generator,ea  | Rental      | Lease             | \$83  | \$413   | \$1,650 |
| TEMP. POWER & LIGHTS | 55KW Generator Multiquip,ea                                  | Rental      | Lease             | \$120 | \$600   | \$2,400 |



| 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  | \$60   | \$210   |
| TEMP. POWER & LIGHTS         | Light Stand                        | Rental      |               | \$8   | \$24   | \$84    |
| TEMP. POWER & LIGHTS         | Light Stand Cart                   | Rental      | Cart Light    | \$20  | \$60   | \$210   |
| TEMP. POWER & LIGHTS         | Light Stand, Wobble                | Rental      |               | \$8   | \$24   | \$84    |
| TEMP. POWER & LIGHTS         | Light Stringer                     | Rental      |               | \$8   | \$24   | \$84    |
| TEMP. POWER & LIGHTS         | Lighting, Warehouse                | Rental      |               | \$3   | \$15   | \$60    |
| TEMP. POWER & LIGHTS         | Power Pole 25', With Concrete Base | Rental      |               | \$9   | \$44   | \$175   |
| TEMP. POWER & LIGHTS         | Temp Power "Y" / Pigtail           | Rental      |               | \$4   | \$12   | \$42    |
| TEMP. POWER & LIGHTS         | Temp Power Booster Box,ea          | Rental      | 6700          | \$10  | \$50   | \$200   |
| TEMP. POWER & LIGHTS         | Temp Power Box,                    | Rental      | X-Treme       | \$6   | \$30   | \$120   |
| TEMP. POWER & LIGHTS         | Temp Power Skid 150 KVA            | Rental      | 150 KVA       | \$80  | \$240  | \$840   |
| TEMP. POWER & LIGHTS         | Temp Power Skid, 45 KVA            | Rental      | 45 KVA        | \$50  | \$150  | \$525   |
| TEMP. POWER & LIGHTS         | Temp Power Skid, 75 KVA            | Rental      | 75 KVA        | \$50  | \$150  | \$525   |
| TEMP. POWER & LIGHTS         | Temp Power Skid, 112 KVA           | Rental      | 112.5 KVA     | \$60  | \$180  | \$630   |
| TEMP. POWER & LIGHTS         | Temp Power Skid, 225 KVA           | Rental      | 225 KVA       | \$90  | \$270  | \$945   |
| TEMP. POWER & LIGHTS         | Temp, Power Cord 100' - 50 Amp     | Rental      |               | \$20  | \$60   | \$210   |
| TEMP. POWER & LIGHTS         | Temp. Power Box                    | Rental      | 6506-S        | \$12  | \$36   | \$126   |
| TEMP. POWER & LIGHTS         | Temp. Power Cord 50' - 50 AMP      | Rental      |               | \$10  | \$30   | \$105   |
| TEST & MEASUREMENT EQUIPMENT | Abatement Air Sampler              | Rental      | Gilian BDX 2  | \$50  | \$150  | \$525   |
| TEST & MEASUREMENT EQUIPMENT | Balance Hood                       | Rental      |               | \$50  | \$150  | \$525   |
| TEST & MEASUREMENT EQUIPMENT | Carbon Monoxide Monitor            | Rental      | CO-95         | \$20  | \$100  | \$400   |
| TEST & MEASUREMENT EQUIPMENT | Chart Recorder Temp/Humidity       | Rental      |               | \$40  | \$120  | \$420   |
| TEST & MEASUREMENT EQUIPMENT | Combustible Gas Indicator          | Rental      | Gas Alert Max | \$20  | \$100  | \$400   |
| TEST & MEASUREMENT EQUIPMENT | Digital Sound Level Meter          | Rental      | 407736        | \$40  | \$120  | \$420   |
| TEST & MEASUREMENT EQUIPMENT | Gas Detector                       | Rental      | Quattro       | \$20  | \$100  | \$400   |
| TEST & MEASUREMENT EQUIPMENT | Light Meter                        | Rental      | LIGHT METER   | \$20  | \$60   | \$210   |
| TEST & MEASUREMENT EQUIPMENT | Manometer/Recorder,                | Rental      | Omniguard 5   | \$40  | \$120  | \$420   |
| TEST & MEASUREMENT EQUIPMENT | Moisture Meter                     | Rental      |               | \$20  | \$60   | \$210   |
| TEST & MEASUREMENT EQUIPMENT | Monometer w/ Recorder              | Rental      | Omniguard 4   | \$20  | \$60   | \$210   |
| TEST & MEASUREMENT EQUIPMENT | Personal Air Sampler Pump          | Rental      |               | \$20  | \$100  | \$400   |
| TEST & MEASUREMENT EQUIPMENT | Sound Meter                        | Rental      | 407790        | \$8   | \$24   | \$84    |
| TEST & MEASUREMENT EQUIPMENT | Thermometer (Gun)                  | Rental      |               | \$20  | \$60   | \$210   |
| TRUCKS                       | F150 Pick up Truck                 | Rental      | F150          | \$100 | \$300  | \$1,050 |
| TRUCKS                       | F250 Pick-up Truck                 | Rental      | F-250         | \$120 | \$300  | \$1,260 |
| TRUCKS                       | F-450 Flatbed 12'                  | Rental      | F-450         | \$150 | \$450  | \$1,575 |
| VACUUMS                      | 55gal Shop Vac,ea                  | Rental      | Shop Vac      | \$30  | \$90   | \$315   |
| VACUUMS                      | Abatement Vac                      | Rental      | 102           | \$50  | \$150  | \$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      | SCS845        | \$14  | \$42   | \$147   |
| VACUUMS                      | Vacuum Cleaner, Dry                | Rental      | VCD 50        | \$40  | \$120  | \$420   |
| VACUUMS                      | Wet/Dry 12gal Vacuum,              | Rental      | VC4710        | \$20  | \$100  | \$400   |
| WELDING EQUIPMENT            | 120v Electric Welder               | Rental      | FP135         | \$60  | \$180  | \$630   |
| WELDING EQUIPMENT            | 240v Electric Welder               | Rental      | SP-130T       | \$60  | \$180  | \$630   |
| WELDING EQUIPMENT            | Oxy-Acetylene Torch Kit            | Rental      |               | \$40  | \$120  | \$420   |

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:

- |                             |             |
|-----------------------------|-------------|
| • General Requirements GR-1 | \$572,183   |
| • 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

GR1

GR2

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

**weeks :** 109.43  
**months :** 25.27  
**Footprint:** 27,000  
**area :** 77,614

**Total General Requirements**  
**Security Allowance**

General Requirements 1: \$572,183  
 General Requirements 2: \$2,992,313  
 Security Allowance: \$75,000

GC,GR,  
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         |
| <b>CoW</b>               | <b>TOTAL COST: TRAVEL AND LODGING (Div 6: mass timber factory visits)</b> |    |  |  |         | <b>\$0</b> | <b>\$10,500.00</b> |

**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 (maintenance)             |                                     |        | 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      |  |
| <b>GR</b>   | <b>TOTAL COST: JOBSITE TRAILERS</b> |        |              |       |  | <b>\$204,442</b> | <b>\$0.00</b> |  |

**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        |               |
| <b>GR</b>  | <b>TOTAL COST: JOBSITE TRAILERS SERVICES</b> |      |       |  |         | <b>\$28,968</b> | <b>\$0.00</b> |

**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 |  |

|           |  |       |       |  |  |       |                  |               |
|-----------|--|-------|-------|--|--|-------|------------------|---------------|
| 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        |               |
| <b>GR</b> | <b>TOTAL COST: JOBSITE TRAILERS IT SERVICES</b>              |       |       |  |  |       | <b>\$235,182</b> | <b>\$0.00</b> |

**COPY, PRINTING AND OFFICE SUPPLIES**

|           |   |      |       |  |  |         |                 | Adjust/Project |  |
|-----------|---|------|-------|--|--|---------|-----------------|----------------|--|
| 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         |                |  |
| <b>GR</b> | <b>TOTAL COST: COPY, PRINTING AND OFFICE SUPPLIES</b> |      |       |  |  |         | <b>\$71,130</b> | <b>\$0.00</b>  |  |

**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        |
| <b>CoW</b> | <b>TOTAL COST: CLEAN UP AND DEBRIS</b>              |      |            |          |       |            |           |       | <b>\$0</b> | <b>\$673,307.44</b> |

**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          |
| <b>CoW</b> | <b>TOTAL COST: TEMPORARY TOILETS</b>   |           |       |      |       |  |  |         | <b>\$0</b> | <b>\$124,592.00</b> |

**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 |                    |
| <b>CoW</b> | <b>TOTAL COST: TEMPORARY FACILITIES</b> |         |     |  |  |       |  | <b>\$0</b>  | <b>\$52,955.82</b> |

**COVID -19 REQUIREMENTS**

|           |   |  |  |  |  |  |  |            |
|-----------|---|--|--|--|--|--|--|------------|
| <b>GC</b> | <b>TOTAL COST: COVID -19 REQUIREMENTS</b> |  |  |  |  |  |  | <b>\$0</b> |
|-----------|---|--|--|--|--|--|--|------------|

**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         |
| <b>CoW</b> | <b>TOTAL COST: TEMPORARY POWER / LIGHTING</b> |      |         |          |      |         |            |       | <b>\$0</b> | <b>\$228,891.00</b> |

**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  |

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

| <b>INVESTIGATION</b> |  | 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        |
| <b>CoW</b>           | <b>TOTAL COST: INVESTIGATION</b>             |           |      |         |          |      |         |           |       |       | <b>\$0</b> | <b>\$0.00</b> |

| <b>LAYOUT AND CONTROL</b> |  | 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         |
| <b>CoW</b>                | <b>TOTAL COST: LAYOUT AND CONTROL</b>                |           |      |            |          |      |         |           |           |           | <b>\$0</b> | <b>\$748,119.44</b> |

| <b>ACCESS &amp; MATERIAL MANAGEMENT</b> |   | Labor Hrs | Rate | S/Total    | Material | Rate | S/Total   | Equip-Sum  | Other | Total     |            |                     |
|---|---|-----------|------|------------|----------|------|-----------|------------|-------|-----------|------------|---------------------|
| 01-5450                                 | Forklift / Gradall (Equipment, Fuel, Transportation, 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        |
| <b>CoW</b>                              | <b>TOTAL COST: ACCESS &amp; MATERIAL MANAGEMENT</b>         |           |      |            |          |      |           |            |       |           | <b>\$0</b> | <b>\$389,518.09</b> |

| <b>TEMPORARY CONDITIONS</b> |  | 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        |
| <b>CoW</b>                  | <b>TOTAL COST: TEMPORARY CONDITIONS</b>            |           |            |            |          |      |         |           |           |           | <b>\$0</b> | <b>\$170,951.84</b> |

| <b>SITE CONDITIONS</b> |   | 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 ALLOWANCE         |           |            | -         |         | -    | -       |           |           | \$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         |
| <b>CoW</b>             | <b>TOTAL COST: SITE CONDITIONS</b>                        |           |            |           |         |      |         |           |           |           | <b>\$0</b> | <b>\$167,153.34</b> |

| <b>EQUIPMENT RENTALS</b> |   | 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  |            | \$3,234.00          |
| 01-3940    | Knaack Large Gang Box                              |  |  |  |  |  |  |  |  | 4,620    | \$4,620  |            | \$4,620.00          |
| 01-3940    | Pallet Jack  |  |  |  |  |  |  |  |  | 5,544    | \$5,544  |            | \$5,544.00          |
| 01-3940    | Wheelbarrow (2)                                    |  |  |  |  |  |  |  |  | 2,772    | \$2,772  |            | \$2,772.00          |
| 01-3940    | 2pc Combo Kit, Drill - Impact (2)                  |  |  |  |  |  |  |  |  | 7,040    | \$7,040  |            | \$7,040.00          |
| 01-3940    | 20v SDS Plus Rotohammer                            |  |  |  |  |  |  |  |  | 5,544    | \$5,544  |            | \$5,544.00          |
| 01-3940    | Powder Actuated Gun                                |  |  |  |  |  |  |  |  | 2,640    | \$2,640  |            | \$2,640.00          |
| 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 |            | \$16,887.00         |
| 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  |            | \$9,526.00          |
| 01-3941    | Daily use fee for Total Station (15)               |  |  |  |  |  |  |  |  | 3,375.00 | \$3,375  |            | \$3,375.00          |
| <b>CoW</b> | <b>TOTAL COST: EQUIPMENT RENTALS</b>               |  |  |  |  |  |  |  |  |          |          | <b>\$0</b> | <b>\$184,004.00</b> |

| <b>OTHER</b> |                                 | Labor Hrs | Rate | S/Total | Material | Rate | S/Total | Equip-Sum | Other  | Total    |                 |               |
|--------------|---------------------------------|-----------|------|---------|----------|------|---------|-----------|--------|----------|-----------------|---------------|
| 01-9999      | Certified Payroll & LCP Tracker |           |      | -       |          | -    | -       |           | 32,461 | \$32,461 | \$32,461        |               |
| <b>GR</b>    | <b>TOTAL COST: OTHER</b>        |           |      |         |          |      |         |           |        |          | <b>\$32,461</b> | <b>\$0.00</b> |

**Total General Requirements Security Allowance**

|                        |                        |
|------------------------|------------------------|
| General Requirements 1 | General Requirements 2 |
| <b>\$572,183</b>       | <b>\$2,992,313</b>     |
|                        | <b>\$75,000</b>        |
|                        | <b>\$3,067,313</b>     |





11/21/23

**Equipment Rentals**

**Rental Rates**

| Category                       | Description                        | # Reqd | Rental Period | Units | Monthly   |            | Rental Sub-Total | Notes                |
|--------------------------------|------------------------------------|--------|---------------|-------|-----------|------------|------------------|----------------------|
|                                |                                    |        |               |       | Mos       | SubTotal   |                  |                      |
| 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   | \$ 63.00  | \$ 2,772   | \$ 2,772         | Other: Equip Rentals |
| DRILLS, ROTOHAMMERS & SHOTGUNS | 2pc Combo Kit, Drill - Impact,     | 2      | 22            | Mos   | \$ 160.00 | \$ 7,040   | \$ 7,040         | Other: Equip Rentals |
| DRILLS, ROTOHAMMERS & SHOTGUNS | 20v SDS Plus Rotohammer            | 1      | 22            | Mos   | \$ 252.00 | \$ 5,544   | \$ 5,544         | Other: Equip Rentals |
| DRILLS, ROTOHAMMERS & SHOTGUNS | Powder Actuated Gun                | 1      | 22            | Mos   | \$ 120.00 | \$ 2,640   | \$ 2,640         | Other: Equip Rentals |
| LADDERS                        | Ladder, 6' Fiberglass Step Ladder  | 1      | 18            | Mos   | \$ 84.00  | \$ 1,512   | \$ 1,512         | Other: Equip Rentals |
| LADDERS                        | Ladder, 8' Fiberglass Step Ladder  | 1      | 18            | Mos   | \$ 105.01 | \$ 1,890   | \$ 1,890         | Other: Equip Rentals |
| LADDERS                        | Ladder, 10' Fiberglass Step Ladder | 1      | 18            | Mos   | \$ 126.00 | \$ 2,268   | \$ 2,268         | Other: Equip Rentals |
| LADDERS                        | Ladder, 24' Extension Ladder       | 1      | 18            | Mos   | \$ 147.01 | \$ 2,646   | \$ 2,646         | Other: Equip Rentals |
| MISC. TOOLS                    | Cordless Blower,ea                 | 1      | 22            | Mos   | \$ 80.00  | \$ 1,760   | \$ 1,760         | Other: Equip Rentals |
| MISC. TOOLS                    | 20v Cordless Grinder,ea            | 2      | 22            | Mos   | \$ 120.00 | \$ 5,280   | \$ 5,280         | Other: Equip Rentals |
| MISC. TOOLS                    | 7-1/4 Skillsaw,ea                  | 1      | 22            | Mos   | \$ 100.00 | \$ 2,200   | \$ 2,200         | Other: Equip Rentals |
| MISC. TOOLS                    | 18v Cordless Sawzall,ea            | 1      | 22            | Mos   | \$ 160.00 | \$ 3,520   | \$ 3,520         | Other: Equip Rentals |
| MISC. TOOLS                    | PortaBand                          | 1      | 22            | Mos   | \$ 160.00 | \$ 3,520   | \$ 3,520         | Other: Equip Rentals |
| MISC. TOOLS                    | Magnetic Sweeper                   | 1      | 22            | Mos   | \$ 63.01  | \$ 1,386   | \$ 1,386         | Other: Equip Rentals |
| MISC EQUIPMENT                 | Conference Cam                     | 1      | 22            | Mos   | \$ 42.00  | \$ 924     | \$ 924           | Other: Equip Rentals |
| MISC EQUIPMENT                 | Conference Room Chairs             | 10     | 22            | Mos   | \$ 10.50  | \$ 2,309   | \$ 2,309         | Other: Equip Rentals |
| MISC EQUIPMENT                 | Sump Pump, 1hp w/ float            | 3      | 22            | Mos   | \$ 120.00 | \$ 7,920   | \$ 7,920         | Other: Equip Rentals |
| MISC EQUIPMENT                 | Dewalt 10 gal Hepa                 | 1      | 22            | Mos   | \$ 315.01 | \$ 6,930   | \$ 6,930         | Other: Equip Rentals |
| MISC EQUIPMENT                 | Moisture Meter                     | 1      | 3             | Mos   | \$ 210.00 | \$ 630     | \$ 630           | Other: Equip Rentals |
| MISC EQUIPMENT                 | Conference Room Table              | 2      | 22            | Mos   | \$ 21.01  | \$ 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   | \$ 40.00  | \$ 17,600  |                  | Safety Equipment     |
| PERIMETER SAFETY/PROTECTION    | Cones                              | 30     | 22            | Mos   | \$ 10.00  | \$ 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   | \$ 210.00 | \$ 9,240   |                  | Safety Equipment     |
| SAFETY EQUIPMENT               | Fall Protection Kit                | 3      | 22            | Mos   | \$ 200.00 | \$ 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   | \$ 100.00 | \$ 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   | \$ 210.00 | \$ 124,740 |                  | Temp Pwr & Light     |
| TEMP. POWER & LIGHTS           | Temp Power "Y"/ Pigtail            | 7      | 22            | Mos   | \$ 42.00  | \$ 6,468   |                  | Temp Pwr & Light     |
| TEMP. POWER & LIGHTS           | Temp Power Box,                    | 16     | 22            | Mos   | \$ 120.00 | \$ 42,240  |                  | Temp Pwr & Light     |
| TEMP. POWER & LIGHTS           | Temp Power Skid 150 KVA            | 1      | 22            | Mos   | \$ 840.00 | \$ 18,480  |                  | Temp Pwr & Light     |



|  |                                     |    |       |      |           |                   |           |                      |
|--|-------------------------------------|----|-------|------|-----------|-------------------|-----------|----------------------|
| TEMP. POWER & LIGHTS                           | Temp. Power Cord 50' - 50 AMP       | 16 | 22    | Mos  | \$ 105.01 | \$ 36,963         |           | Temp Pwr & Light     |
| CONSTRUCTION TECHNOLOGY                        | Daily use fee for Drone             | 1  | 30    | Days |           | \$ 1,500          |           | 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 Matterport Camera | 1  | 95.26 | Days |           | \$ 9,526          |           | Other: Const Tech    |
| CONSTRUCTION TECHNOLOGY                        | Daily use fee for Total Station     | 1  | 15    | Days |           | \$ 3,375          |           | Other: Const Tech    |
| DELIVERY                                       | ARROW Driver,ea                     | 1  | 64.95 | Days |           | \$ 5,975          | \$ 5,975  | Other: Equip Rentals |
| DELIVERY                                       | Conex Delivery Fee,ea               | 1  | 2     | Days |           | \$ 650            | \$ 650    | Other: Equip Rentals |
| DELIVERY                                       | Pick Up Conex Fee,ea                | 1  | 2     | Days |           | \$ 650            | \$ 650    | Other: Equip Rentals |
| DELIVERY                                       | Shop Delivery /Pick Up Equipment    | 1  | 51.96 | Days |           | \$ 16,887         | \$ 16,887 | Other: Equip Rentals |
| EXTRA  | Sales Tax                           |    |       | 8%   |           | \$ 48,794         | \$ 48,794 | Other: Equip Rentals |
| <b>Total Equipment Rental to Summary Sheet</b> |                                     |    |       |      |           | <b>\$ 166,603</b> |           |                      |

## 7 - Basis Of Schedule & Construction Schedule

12/13/2023

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:

| <b>ID</b>   | <b>MILESTONE</b>                              | <b>UPDATE FGMP<br/>DD=11/28/23</b> |
|-------------|---|------------------------------------|
| 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)

**WE BUILD TO IMPROVE LIVES.**

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 2<sup>nd</sup> 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)
9. 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

**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr |  |  |  |  |  |  |  |
|  |  |                   |           |           | 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 |     |  |  |  |  |  |  |  |
| <b>County of San Mateo SSF Wellness Center</b>     |  |                   |           |           | County of San Mateo SSF Wellness Center          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>MILESTONES</b>                                  |  |                   |           |           | <b>MILESTONES</b>                                |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>Contract Milestones</b>                         |  |                   |           |           | <b>Contract Milestones</b>                       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MM-1072  | TCO/Substantial Complete                       | 0                 | 12-Feb-26 | 12-Mar-26 | ◆ TCO/Substantial Complete                       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MM-1060  | Project Complete                               | 0                 | 12-Feb-26 | 12-Mar-26 | ◆ Project Complete                               |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>Owner Milestones/Key Deliverables</b>           |  |                   |           |           | <b>Owner Milestones/Key Deliverables</b>         |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| A1000  | Owner Furniture Move-In                        | 15                | 13-Feb-26 | 05-Mar-26 | ◆ Owner Furniture Move-In                        |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>XL Milestones</b>                               |  |                   |           |           | <b>XL Milestones</b>                             |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>Start Milestones</b>                            |  |                   |           |           | <b>Start Milestones</b>                          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1100   | Telecom Infrastructure complete to begin demo  | 0                 | 22-Dec-23 | 22-Dec-23 | ◆ Telecom Infrastructure complete to begin demo  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1300   | Building Permit Issued                         | 0                 | 22-Dec-23 | 02-Jan-24 | ◆ Building Permit Issued                         |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1005   | Mobilization                                   | 0                 | 05-Feb-24 |           | ◆ Mobilization                                   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1025   | Start Facade Mock up                           | 0                 | 08-Mar-24 |           | ◆ Start Facade Mock up                           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1220   | Start Fab & Deliver Structural Steel           | 0                 | 11-Mar-24 |           | ◆ Start Fab & Deliver Structural Steel           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1015   | Start - Demo (includes abatement)              | 0                 | 12-Mar-24 |           | ◆ Start - Demo (includes abatement)              |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1150   | Start - Construction (Grading, post demo)      | 0                 | 24-Apr-24 |           | ◆ Start - Construction (Grading, post demo)      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1240   | Start DDC (ground improvement)                 | 0                 | 24-Apr-24 |           | ◆ Start DDC (ground improvement)                 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1180   | Start - Foundation                             | 0                 | 15-May-24 |           | ◆ Start - Foundation                             |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1260   | Start Timber Fabrication                       | 0                 | 19-Jul-24 |           | ◆ Start Timber Fabrication                       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1060   | Foundations Complete                           | 0                 |           | 31-Jul-24 | ◆ Foundations 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-Steel                        |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| A1010  | Start Timber Erection                          | 0                 | 23-Oct-24 |           | ◆ Start Timber Erection                          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1010   | Structure Complete                             | 0                 |           | 15-Nov-24 | ◆ Structure Complete                             |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1190   | Start - Facade                                 | 0                 | 07-Jan-25 |           | ◆ Start - Facade                                 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1170   | Start - Construction - TI                      | 0                 | 14-Jan-25 |           | ◆ Start - Construction - TI                      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1290   | Start East parking lot                         | 0                 | 15-Jan-25 |           | ◆ Start East parking lot                         |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1300   | Start Photovoltaic (parking area)              | 0                 | 20-Jan-25 |           | ◆ Start Photovoltaic (parking area)              |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1220   | First day of Framing                           | 0                 | 21-Jan-25 |           | ◆ First day of Framing                           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1020   | Roof Complete                                  | 0                 |           | 05-Mar-25 | ◆ Roof Complete                                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1070   | Roof top Equipment boilers, tanks, pumps       | 0                 |           | 26-Mar-25 | ◆ Roof top Equipment boilers, tanks, pumps       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1310   | Set Air Handler                                | 0                 |           | 09-Apr-25 | ◆ Set Air Handler                                |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1040   | Overhead Complete (Rough-In)                   | 0                 |           | 01-May-25 | ◆ Overhead Complete (Rough-In)                   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1030   | Watertight - -Facade dry in                    | 0                 |           | 08-May-25 | ◆ Watertight - -Facade dry in                    |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1230   | First day of Drywall                           | 0                 | 09-May-25 |           | ◆ First day of Drywall                           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1210   | Elevator Ready to energize                     | 0                 |           | 22-May-25 | ◆ Elevator Ready to energize                     |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1270   | Green Tag                                      | 0                 | 02-Jun-25 |           | ◆ Green Tag                                      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1080   | PG&E Power On                                  | 0                 |           | 09-Jun-25 | ◆ PG&E Power On                                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1200   | Start - Pre-functional Testing                 | 0                 | 09-Jun-25 |           | ◆ Start - Pre-functional Testing                 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1100   | Energize Equipment                             | 0                 | 09-Jun-25 |           | ◆ Energize Equipment                             |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1020   | Facade Complete                                | 0                 |           | 11-Jun-25 | ◆ Facade Complete                                |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1050   | Main Electrical Room/IDF - Room Ready          | 0                 |           | 16-Jun-25 | ◆ Main Electrical Room/IDF - Room Ready          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1035   | Complete Photovoltaic (must finish by 04/2026) | 0                 |           | 24-Jul-25 | ◆ Complete Photovoltaic (must finish by 04/2026) |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1110   | Site Work Complete                             | 0                 |           | 03-Oct-25 | ◆ Site Work Complete                             |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-1280   | Elevator Sign off                              | 0                 |           | 15-Dec-25 | ◆ Elevator Sign off                              |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| MXL-C-1120   | Construction Substantially Complete            | 0                 |           | 12-Feb-26 | ◆ Construction Substantially Complete            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>CoSM Wellness Center - Procurement Schedule</b> |  |                   |           |           | CoSM Wellness Center - Procurement Schedule      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ ◆ Milestone

**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr | May |
|  |   |                   |           |           |   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>DELEGATED DESIGN/DEFERRED SUBMITTALS</b>          |   | 119               | 12-Dec-23 | 04-Jun-24 | DELEGATED DESIGN/DEFERRED SUBMITTALS            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>DEFERRED SUBMITTALS</b>                           |   | 119               | 12-Dec-23 | 04-Jun-24 | DEFERRED SUBMITTALS                             |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>PROPRIETARY GROUND IMPROVEMENT SYSTEM</b>         |   | 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          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>BUCKLING RETRAINED BRACES FRAMES</b>              |   | 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                 |           | 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                 |           | 26-Feb-24 | ◆ Permit Issued deferred submittal BRB          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| BRBSUB-1600  | Fabricate & Deliver BRB                       | 60                | 27-Feb-24 | 20-May-24 | ■ Fabricate & Deliver BRB                       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>FIRE SPRINKLER (FULL SPRINKLER AND STANDPIPE)</b> |   | 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                 |           | 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                 |           | 04-Jun-24 | ◆ Permit Issued deferred submittal FS           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>FIRE ALARM (VOICE EVACUATION)</b>                 |   | 76                | 14-Feb-24 | 04-Jun-24 | FIRE ALARM (VOICE EVACUATION)                   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| FASUB-1000   | Develop and submit FA                         | 20                | 14-Feb-24 | 14-Mar-24 | ■ Develop and submit FA                         |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| FASUB-1100   | City Review and Comment FA                    | 20                | 15-Mar-24 | 11-Apr-24 | ■ City Review and Comment FA                    |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| FASUB-1200   | Recieve Plan check comments FA                | 0                 |           | 17-May-24 | ◆ Recieve Plan check comments FA                |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| FASUB-1300   | Respond to comments, resubmit FA              | 5                 | 20-May-24 | 28-May-24 | ■ Respond to comments, resubmit FA              |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| FASUB-1400   | Approve deferred submittal FA                 | 5                 | 29-May-24 | 04-Jun-24 | ■ Approve deferred submittal FA                 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| FASUB-1500   | Permit Issued deferred submittal FA           | 0                 |           | 04-Jun-24 | ◆ Permit Issued deferred submittal FA           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>ELEVATORS</b>                                     |   | 50                | 05-Feb-24 | 16-Apr-24 | 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-Apr-24 | ◆ Recieve Plan check comments Elevator          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| ELEVSUB-1300   | Respond to comments, resubmit Elevator        | 5                 | 03-Apr-24 | 09-Apr-24 | ■ Respond to comments, resubmit Elevator        |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| ELEVSUB-1400   | Approve deferred submittal Elevator           | 5                 | 10-Apr-24 | 16-Apr-24 | ■ Approve deferred submittal Elevator           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| ELEVSUB-1500   | Permit Issued deferred submittal Elevator     | 0                 |           | 16-Apr-24 | ◆ Permit Issued deferred submittal Elevator     |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>PREFABRICATED METAL STAIR 1002</b>                |   | 50                | 12-Dec-23 | 26-Feb-24 | PREFABRICATED METAL STAIR 1002                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| STAIRSUB-1000  | Develop and submit Metal Stairs               | 20                | 12-Dec-23 | 10-Jan-24 | ■ Develop and submit Metal Stairs               |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| STAIRSUB-1100  | City Review and Comment Metal Stairs          | 20                | 11-Jan-24 | 08-Feb-24 | ■ City Review and Comment Metal Stairs          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| STAIRSUB-1200  | Recieve Plan check comments Metal Stairs      | 0                 |           | 08-Feb-24 | ◆ Recieve Plan check comments Metal Stairs      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| STAIRSUB-1300  | Respond to comments, resubmit Metal Stairs    | 5                 | 09-Feb-24 | 15-Feb-24 | ■ Respond to comments, resubmit Metal Stairs    |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| STAIRSUB-1400  | Approve deferred submittal Metal Stairs       | 5                 | 20-Feb-24 | 26-Feb-24 | ■ Approve deferred submittal Metal Stairs       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| STAIRSUB-1500  | Permit Issued deferred submittal Metal Stairs | 0                 |           | 26-Feb-24 | ◆ Permit Issued deferred submittal Metal Stairs |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>WINDOW WALL/ STORE FRONT SYSTEMS</b>              |   | 50                | 14-Feb-24 | 25-Apr-24 | WINDOW WALL/ STORE FRONT SYSTEMS                |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |
| STRFRNT-SUB-1000                                     | Develop and submit Facade                     | 20                | 14-Feb-24 | 14-Mar-24 | ■ Develop and submit Facade                     |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone





**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr | May |  |  |  |  |  |  |
|  |  |                   |           |           |  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>COLD FORMED FRAMING</b>                             |  |                   |           |           | COLD FORMED FRAMING                                      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                 |           | 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                           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| FRAME-SUB-1500   | Permit Issued deferred submittal CFF                     | 0                 |           | 16-Apr-24 | Permit Issued deferred submittal CFF                     |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>SUBMITTAL / PROCUREMENT</b>                         |  |                   |           |           | SUBMITTAL / PROCUREMENT                                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>03 CONCRETE</b>                                     |  |                   |           |           | 03 CONCRETE  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>03.2100 - REBAR</b>                                 |  |                   |           |           | 03.2100 - REBAR  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                 | 1                 | 13-Mar-24 | 14-Mar-24 | Submittal returned with comments - Rebar                 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-5400  | Submittal Revision - Rebar                               | 5                 | 14-Mar-24 | 21-Mar-24 | Submittal Revision - 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                       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-10600   | Approve Shop Drawings - Rebar                            | 1                 | 12-Apr-24 | 15-Apr-24 | Approve Shop Drawings - Rebar                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-11300   | Fab & Deliver Material- Rebar                            | 20                | 15-Apr-24 | 13-May-24 | Fab & Deliver Material- Rebar                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-11200   | Release - Rebar  | 0                 |           | 15-Apr-24 | Release - Rebar  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>03.3000 - CAST-IN-PLACE CONCRETE &amp; FINISHES</b> |  |                   |           |           | 03.3000 - CAST-IN-PLACE CONCRETE & FINISHES              |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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              |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                    |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                                       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>04 MASONRY</b>                                      |  |                   |           |           | 04 MASONRY   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>04.2200 - CONCRETE UNIT MASONRY</b>                 |  |                   |           |           | 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                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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               |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-25910   | Revised Submittal submitted - Concrete Unit Masonry      | 1                 | 04-Apr-24 | 05-Apr-24 | Revised Submittal submitted - Concrete Unit Masonry      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-25920   | Revised Submittal Reviewed - Concrete Unit Masonry       | 21                | 06-Apr-24 | 26-Apr-24 | Revised Submittal Reviewed - Concrete Unit Masonry       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                          |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>05 METALS</b>                                       |  |                   |           |           | 05 METALS  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>05.1200 STRUCTURAL STEEL</b>                        |  |                   |           |           | 05.1200 STRUCTURAL STEEL                                 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>STRUCTURAL STEEL</b>                                |  |                   |           |           | 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 Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone





















**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr | May |
|   |   |                   |                  |                  |   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| PROC-21630  | Generate Shop Drawings - VRVs                           | 60                | 05-Feb-24        | 29-Apr-24        | Generate Shop Drawings - VRVs                           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| PROC-21640  | Review Drawings - VRVs                                  | 21                | 30-Apr-24        | 20-May-24        | Review Drawings - VRVs                                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| PROC-21650  | Submittal returned with comments - VRVs                 | 1                 | 20-May-24        | 21-May-24        | Submittal returned with comments - VRVs                 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| PROC-21660  | Submittal Revision - VRVs                               | 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 Material- VRVs                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| PROC-21710  | Release - VRVs  | 0                 |                  | 21-Jun-24        | Release - VRVs  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>EXPANSION FITTINGS &amp; LOOPS FOR HVAC PIPING</b> |   | <b>73</b>         | <b>05-Feb-24</b> | <b>16-May-24</b> | <b>EXPANSION FITTINGS &amp; LOOPS FOR HVAC PIPING</b>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| 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               |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| 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        | Release -Exp. Fittings-HVAC                             |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>HYDRONIC PIPING</b>                                |   | <b>73</b>         | <b>05-Feb-24</b> | <b>16-May-24</b> | <b>HYDRONIC PIPING</b>                                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| 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        | Approve Shop Drawings -Hydronic Piping                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| PROC-23680  | Fab & Deliver Material-Hydronic Piping                  | 20                | 18-Apr-24        | 16-May-24        | Fab & Deliver Material-Hydronic Piping                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| PROC-23690  | Release -Hydronic Piping                                | 0                 |                  | 18-Apr-24        | Release -Hydronic Piping                                |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>AIR SOURCE HEAT PUMPS</b>                          |   | <b>238</b>        | <b>05-Feb-24</b> | <b>13-Jan-25</b> | <b>AIR SOURCE HEAT PUMPS</b>                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| 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  | Approve Shop Drawings - Mechanical Equipment            | 1                 | 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        | Fab & Deliver Material - Mechanical Equipment           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>22.30 HVAC AIR DISTRIBUTION</b>                    |   | <b>173</b>        | <b>05-Feb-24</b> | <b>08-Oct-24</b> | <b>22.30 HVAC AIR DISTRIBUTION</b>                      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>VAV/EAV BOXES</b>                                  |   | <b>143</b>        | <b>05-Feb-24</b> | <b>26-Aug-24</b> | <b>VAV/EAV BOXES</b>                                    |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| 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 Boxes                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone

**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr | May |  |  |  |  |  |  |
|                    |   |                   |           |           | 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 |  |  |  |  |  |  |
| <b>SOUND TRAPS</b> |   |                   |           |           | <b>SOUND TRAPS</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                            |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>VFDs</b>        |   |                   |           |           | <b>VFDs</b>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                | 21-May-24 | 05-Jun-24 | Submittal Revision - Variable Frequency Drives                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-12900         | Revised Submittal submitted - Variable Frequency Drives         | 1                 | 05-Jun-24 | 06-Jun-24 | Revised Submittal submitted - Variable Frequency Drives         |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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              |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>FSDs</b>        |   |                   |           |           | <b>FSDs</b>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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-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- FSDs                                    |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-24050         | Release - FSDs  | 0                 |           | 21-Jun-24 | Release - FSDs  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>GRDs</b>        |   |                   |           |           | <b>GRDs</b>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| 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                 |           | 21-Jun-24 | Release - GRDs  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>PRADs</b>       |   |                   |           |           | <b>PRADs</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-400           | Generate Shop Drawings - Pressure Relief Access Doors           | 60                | 05-Feb-24 | 29-Apr-24 | Generate Shop Drawings - Pressure Relief Access Doors           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-3000          | Review Drawings - Pressure Relief Access Doors                  | 21                | 30-Apr-24 | 20-May-24 | Review Drawings - Pressure Relief Access Doors                  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-5600          | Submittal returned with comments - Pressure Relief Access Doors | 1                 | 20-May-24 | 21-May-24 | Submittal returned with comments - Pressure Relief Access Doors |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-7900          | Submittal Revision - Pressure Relief Access Doors               | 10                | 21-May-24 | 05-Jun-24 | Submittal Revision - Pressure Relief Access Doors               |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| PROC-11900         | Revised Submittal submitted - Pressure Relief Access Doors      | 1                 | 05-Jun-24 | 06-Jun-24 | Revised Submittal 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           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |
| <b>METAL DUCTS</b> |   |                   |           |           | <b>METAL DUCTS</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |  |  |  |  |  |  |

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone













**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr | May |  |  |
|                                     |   |                   |                    |                  |  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| A1566                               | VE Selection  | 10                | 16-Oct-23 A        | 05-Feb-24        | VE Selection, VE Selection   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| PRECON-1000                         | County Total Project Budget Review                                    | 0                 | 26-Oct-23 A        | 28-Nov-23        | County Total Project Budget Review, County Total Project Budget Review   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| A1532                               | NTP #2.6 Test Pile Release  | 1                 | 28-Nov-23          | 28-Nov-23        | NTP #2.6 Test Pile Release   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| PRECON-1200                         | Full GMP Funding- CoSM Approval                                       | 0                 |                    | 01-Feb-24        | ◆ Full GMP Funding- CoSM Approval  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| PRECON-1400                         | NTP #3 Funding for BP 1 and 2 - release Trade Partners                | 0                 | 05-Feb-24          |                  | ◆ NTP #3 Funding for BP 1 and 2 - release Trade Partners   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>BUDGET DEVELOPMENT</b>           |   | <b>93</b>         | <b>12-Sep-23 A</b> | <b>01-Feb-24</b> | ▼ BUDGET DEVELOPMENT   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>FGMP</b>                         |   | <b>93</b>         | <b>12-Sep-23 A</b> | <b>01-Feb-24</b> | ▼ FGMP   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1000                           | XL Develop 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 |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1002                           | Select Trade Partner Re-Bid   | 40                | 12-Oct-23 A        | 01-Dec-23        | ■ Select Trade Partner Re-Bid, Select Trade Partner Re-Bid   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1100                           | Submit DRAFT GMP -  | 1                 | 13-Dec-23          | 13-Dec-23        | ■ Submit DRAFT GMP -   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1200                           | County Review with Feedback   | 15                | 13-Dec-23          | 10-Jan-24        | ■ County Review with Feedback  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1300                           | GMP Presentation to County  | 1                 | 13-Dec-23          | 13-Dec-23        | ■ GMP Presentation to County   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1400                           | GMP Finalization  | 5                 | 11-Jan-24          | 18-Jan-24        | ■ GMP Finalization   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1500                           | Prepare for CoSM Board and approval of GMP                            | 0                 | 19-Jan-24          | 19-Jan-24        | ■ Prepare for CoSM Board and approval of GMP   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| FGMP-1600                           | Final Documents Incorporated into Board Package                       | 10                | 19-Jan-24          | 01-Feb-24        | ■ Final Documents Incorporated into Board Package  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>DESIGN</b>                       |   | <b>229</b>        | <b>31-Aug-23 A</b> | <b>12-Aug-24</b> | ▼ DESIGN   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>CODE VALIDATION &amp; DESIGN</b> |   | <b>129</b>        | <b>06-Feb-24</b>   | <b>12-Aug-24</b> | ▼ CODE VALIDATION & DESIGN   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| A1568                               | Design Updates (post VE, Post Peer)                                   | 15                | 06-Feb-24          | 28-Feb-24        | ■ Design Updates (post VE, Post Peer)  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-3200                            | Update 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                           |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>TI DESIGN</b>                    |   | <b>114</b>        | <b>27-Nov-23 A</b> | <b>16-May-24</b> | ▼ TI DESIGN  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1300                            | County 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         |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1302                            | Design Development  | 60                | 11-Dec-23          | 14-Mar-24        | ■ Design Development   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1304                            | Construction Documents  | 45                | 15-Mar-24          | 16-May-24        | ■ Construction Documents   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>TIMBER DESIGN</b>                |   | <b>56</b>         | <b>18-Dec-23</b>   | <b>15-Mar-24</b> | ▼ TIMBER DESIGN  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1200                            | Review & Update CLT/MT Details  | 11                | 18-Dec-23          | 09-Jan-24        | ■ Review & Update CLT/MT Details   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1900                            | Update Design Dwgs for Permit Amendment                               | 40                | 10-Jan-24          | 08-Mar-24        | ■ Update Design Dwgs for Permit Amendment  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-3100                            | County Review and Approve Design Docs- Timber Design                  | 5                 | 11-Mar-24          | 15-Mar-24        | ■ County Review and Approve Design Docs- Timber Design   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>PUBLIC ART</b>                   |   | <b>133</b>        | <b>31-Aug-23 A</b> | <b>25-Mar-24</b> | ▼ PUBLIC ART   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1100                            | Public Art Documents Production                                       | 60                | 31-Aug-23 A        | 07-Feb-24        | ■ Public Art Documents Production, Public Art Documents Production   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1400                            | Public Art Documents Issuance for Review                              | 1                 | 08-Feb-24          | 08-Feb-24        | ■ Public Art Documents Issuance for Review   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1500                            | XL Prepare Budget   | 5                 | 09-Feb-24          | 15-Feb-24        | ■ XL Prepare Budget  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1800                            | CoSM Budget Review  | 5                 | 20-Feb-24          | 26-Feb-24        | ■ CoSM Budget Review   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2000                            | Update Design Dwgs for Permit Amendment                               | 15                | 27-Feb-24          | 18-Mar-24        | ■ Update Design Dwgs for Permit Amendment  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2400                            | County Review and Approve Design Docs- Public Art                     | 5                 | 19-Mar-24          | 25-Mar-24        | ■ County Review and Approve Design Docs- Public Art  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>MEP BIM LOD-400</b>              |   | <b>83</b>         | <b>05-Feb-24</b>   | <b>04-Jun-24</b> | ▼ MEP BIM LOD-400  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1600                            | BIM Kickoff   | 0                 | 05-Feb-24          |                  | ◆ BIM Kickoff  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-1700                            | Submit and Approve Submittals (General MEP)                           | 15                | 05-Feb-24          | 27-Feb-24        | ■ Submit and Approve Submittals (General MEP)  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-4400                            | Coordination Complete - Building                                      | 0                 |                    | 17-May-24        | ◆ Coordination Complete - Building   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-4600                            | Coordination Complete - Site  | 0                 |                    | 04-Jun-24        | ◆ Coordination Complete - Site   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>UNDERGROUND</b>                  |   | <b>13</b>         | <b>28-Feb-24</b>   | <b>15-Mar-24</b> | ▼ UNDERGROUND  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2100                            | Model Population-Underground  | 5                 | 28-Feb-24          | 05-Mar-24        | ■ Model Population-Underground   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2200                            | Coordination- Underground   | 5                 | 06-Mar-24          | 12-Mar-24        | ■ Coordination- Underground  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2500                            | Sign off- Underground   | 3                 | 13-Mar-24          | 15-Mar-24        | ■ Sign off- Underground  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| <b>RISERS</b>                       |   | <b>13</b>         | <b>06-Mar-24</b>   | <b>22-Mar-24</b> | ▼ RISERS   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2300                            | Model Population-Risers   | 5                 | 06-Mar-24          | 12-Mar-24        | ■ Model Population-Risers  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2600                            | Coordination- Risers  | 5                 | 13-Mar-24          | 19-Mar-24        | ■ Coordination- Risers   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| DSN-2800                            | Sign off- Risers  | 3                 | 20-Mar-24          | 22-Mar-24        | ■ Sign off- Risers   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |     |  |  |

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ ◆ Milestone

**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr | May |
|                                      |  |                   |             |           |   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>L1 MOB</b>                        |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ L1 MOB</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Model Population-L1 MOB</li> <li><span style="color: green;">■</span> Coordination- L1 MOB</li> <li><span style="color: green;">■</span> Sign off- L1 MOB</li> </ul>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>L2</b>                            |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ L2</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Model Population-L2</li> <li><span style="color: green;">■</span> Coordination- L2</li> <li><span style="color: green;">■</span> Sign off- L2</li> </ul>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>L3</b>                            |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ L3</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Model Population-L3</li> <li><span style="color: green;">■</span> Coordination- L3</li> <li><span style="color: green;">■</span> Sign off- L3</li> </ul>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>ROOF EQUIPMENT</b>                |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ ROOF EQUIPMENT</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Model Population-Roof Equipment</li> <li><span style="color: green;">■</span> Coordination- Roof Equipment</li> <li><span style="color: green;">■</span> Sign off- Roof Equipment</li> </ul>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>ELECTRICAL YARD &amp; SITE/PV</b> |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ ELECTRICAL YARD &amp; SITE/PV</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Model Population-Electrical Yard &amp; Site/PV</li> <li><span style="color: green;">■</span> Coordination- Electrical Yard &amp; Site/PV</li> <li><span style="color: green;">■</span> Sign off- Electrical Yard &amp; Site/PV</li> </ul> |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>PERMITTING</b>                    |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▶ PERMITTING</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>BUILDING PERMIT</b>               |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▶ BUILDING PERMIT</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| A1524                                | Response to Comments #2 and resubmit                       | 15                | 28-Nov-23   | 18-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Response to Comments #2 and resubmit</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| A1526                                | AHJ Review #3  | 5                 | 19-Dec-23   | 02-Jan-24 | <div style="display: flex; justify-content: space-between;"> <span>■ AHJ Review #3</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| A1528                                | TI Permit Review & Approve                                 | 30                | 17-May-24   | 01-Jul-24 | <div style="display: flex; justify-content: space-between;"> <span>■ TI Permit Review &amp; Approve</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>TEMP TRAILER PERMIT</b>           |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ TEMP TRAILER PERMIT</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: red;">■</span> Temp Office Trailers Permit (TENANT RELOCATION)</li> </ul>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| A1414                                | Temp Office Trailers Permit (TENANT RELOCATION)            | 10                | 01-Feb-24   | 14-Feb-24 | <div style="display: flex; justify-content: space-between;"> <span>■ Temp Office Trailers Permit (TENANT RELOCATION)</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>TREE REMOVAL PERMIT</b>           |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ TREE REMOVAL PERMIT</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Tree Removal Permit</li> </ul>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| A1516                                | Tree Removal Permit  | 1                 | 03-Jan-24   | 03-Jan-24 | <div style="display: flex; justify-content: space-between;"> <span>■ Tree Removal Permit</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>PUBLIC ART PERMIT</b>             |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ PUBLIC ART PERMIT</span> <span>▶</span> </div> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> Public Art Permit</li> </ul>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| A416                                 | Public Art Permit  | 30                | 26-Mar-24   | 06-May-24 | <div style="display: flex; justify-content: space-between;"> <span>■ Public Art Permit</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>TRADE PARTNER PROCUREMENT</b>     |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▶ TRADE PARTNER PROCUREMENT</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>BID PACKAGE #1 -</b>              |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▶ BID PACKAGE #1 -</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>TIMBER</b>                        |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ TIMBER</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1500                            | Level Bids Timber  | 5                 | 27-Nov-23 A | 04-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Level Bids Timber, Level Bids Timber</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1600                            | County Review & Approve Timber                             | 5                 | 05-Dec-23   | 11-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ County Review &amp; Approve Timber</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1700                            | Protest Period   | 3                 | 12-Dec-23   | 14-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Protest Period</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1900                            | Issue Subcontract Mass Timber                              | 1                 | 15-Dec-23   | 15-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Issue Subcontract Mass Timber</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>STEEL/BRB</b>                     |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ STEEL/BRB</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| A1546                                | Issue Contract award to Structural Steel Trade Partner     | 10                | 07-Nov-23 A | 11-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Issue Contract award to Structural Steel Trade Partner, Issue Contract award to Structural Steel Trade Partner</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>CONCRETE</b>                      |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▼ CONCRETE</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1904                            | Level Bids Concrete  | 5                 | 28-Nov-23   | 04-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Level Bids Concrete</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1906                            | County Review & Approve for Board Package and GMP Concrete | 5                 | 05-Dec-23   | 11-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ County Review &amp; Approve for Board Package and GMP Concrete</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1908                            | Protest Period concrete                                    | 3                 | 12-Dec-23   | 14-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Protest Period concrete</span> <span>▶</span> </div>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID1-1910                            | Issue Subcontract concrete                                 | 1                 | 15-Dec-23   | 15-Dec-23 | <div style="display: flex; justify-content: space-between;"> <span>■ Issue Subcontract concrete</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| <b>FACADE</b>                        |  |                   |             |           | <div style="display: flex; justify-content: space-between;"> <span>▶ FACADE</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| BID2-1308                            | Design Development Collaboration                           | 20                | 09-Nov-23 A | 02-Jan-24 | <div style="display: flex; justify-content: space-between;"> <span>■ Design Development Collaboration, Design Development Collaboration</span> <span>▶</span> </div>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ ◆ Milestone

**County of San Mateo SSF Wellness Center  
Procurement & Construction Schedule**



| Activity 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 | Apr |  |  |  |  |  |  |  |
|   |   |                   |             |           |  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>BID PACKAGE #2 - MEP</b>                             |   |                   |             |           | <b>BID PACKAGE #2 - MEP</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| 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 | 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 | Issue Subcontract Bid package #2 MEP   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>BID PACKAGE #3 - TRADE BUYOUT OF EXISTING FGMP</b>   |   |                   |             |           | <b>BID PACKAGE #3 - TRADE BUYOUT OF EXISTING FGMP</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| 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   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>MAKE READY WORK</b>                                  |   |                   |             |           | <b>MAKE READY WORK</b>   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>VOIP UPGRADE</b>                                     |   |                   |             |           | <b>VOIP UPGRADE</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>1050 MISSION</b>                                     |   |                   |             |           | <b>1050 MISSION</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| VOIP-1100   | QoS 1050 Mission  | 8                 | 30-Oct-23 A | 07-Dec-23 | QoS 1050 Mission, QoS 1050 Mission   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| VOIP-1200   | Network Assessment 1050 Mission   | 3                 | 08-Dec-23   | 12-Dec-23 | Network Assessment 1050 Mission  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| VOIP-1300   | Go Live 1050 Mission  | 8                 | 13-Dec-23   | 22-Dec-23 | Go Live 1050 Mission   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>TEMP OCCUPANT TRAILERS</b>                           |   |                   |             |           | <b>TEMP OCCUPANT TRAILERS</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| 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   |           | 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                | 15-Feb-24   | 08-Mar-24 | Move Occupants out of Existing Building and into Temp Space includes furniture _ must finish by 02/26/24                                       |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>TEST DDC</b>   |   |                   |             |           | <b>TEST DDC</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| 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 | Install DDC test arrays  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| A780  | Cure test DDC   | 7                 | 24-Jan-24   | 01-Feb-24 | Cure test DDC  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| A782  | Test and results  | 20                | 02-Feb-24   | 04-Mar-24 | Test and results   |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>PG&amp;E</b>   |   |                   |             |           | <b>PG&amp;E</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>NEW BUSINESS ELECTRIC (APPLICANT DESIGN)</b>         |   |                   |             |           | <b>NEW BUSINESS ELECTRIC (APPLICANT DESIGN)</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| 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  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>EXISTING ELECTRIC AND GAS DEMO (PG&amp;E DESIGN)</b> |   |                   |             |           | <b>EXISTING ELECTRIC AND GAS DEMO (PG&amp;E DESIGN)</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| 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  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| <b>TEMP POWER</b>                                       |   |                   |             |           | <b>TEMP POWER</b>  |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |     |     |     |     |  |  |  |  |  |  |  |
| 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 Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone























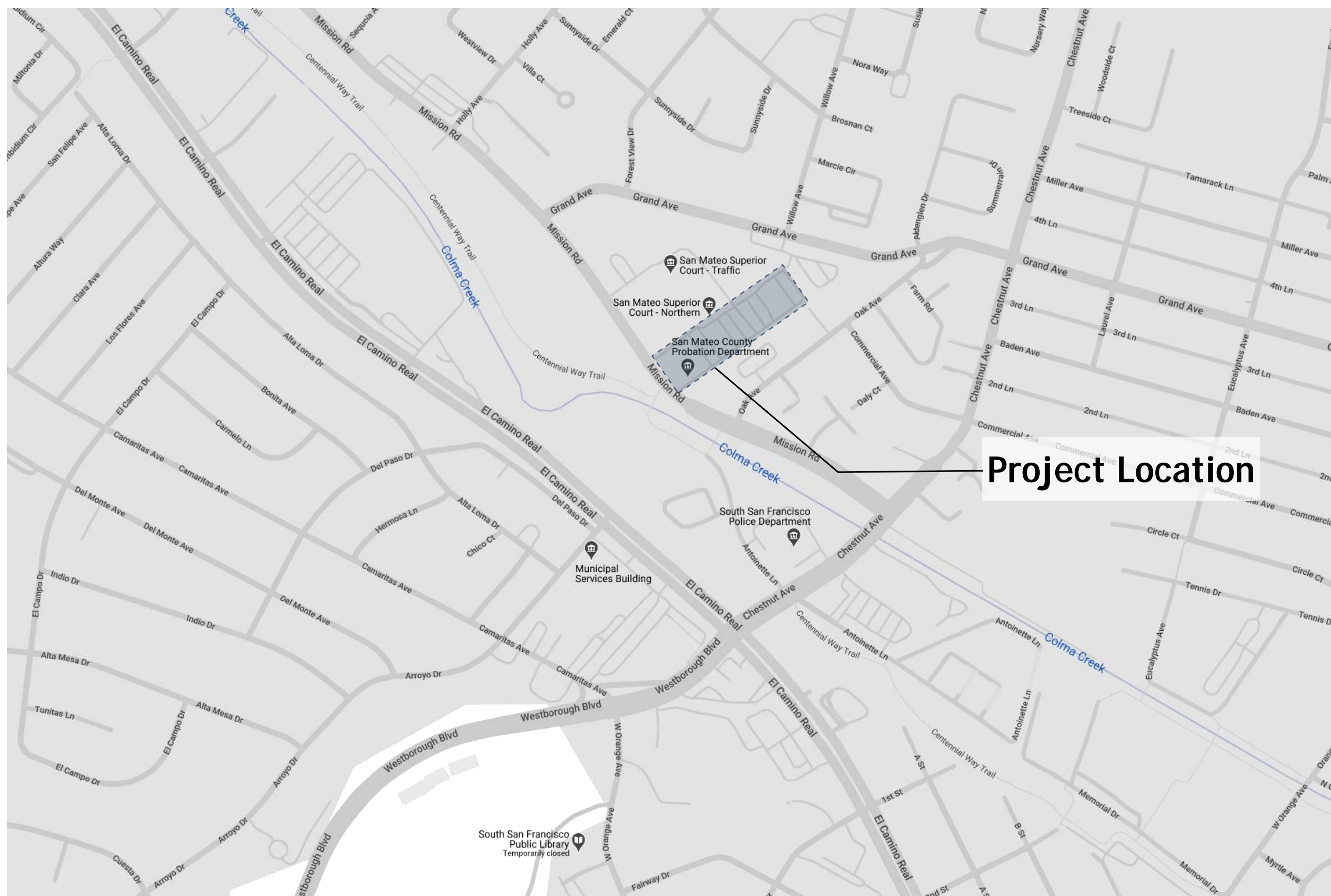


## 8 - Site Logistics Plan





**Vicinity Map**



**Location Map**

**SITE LOGISTICS PLAN**

**SITE LOGISTICS**

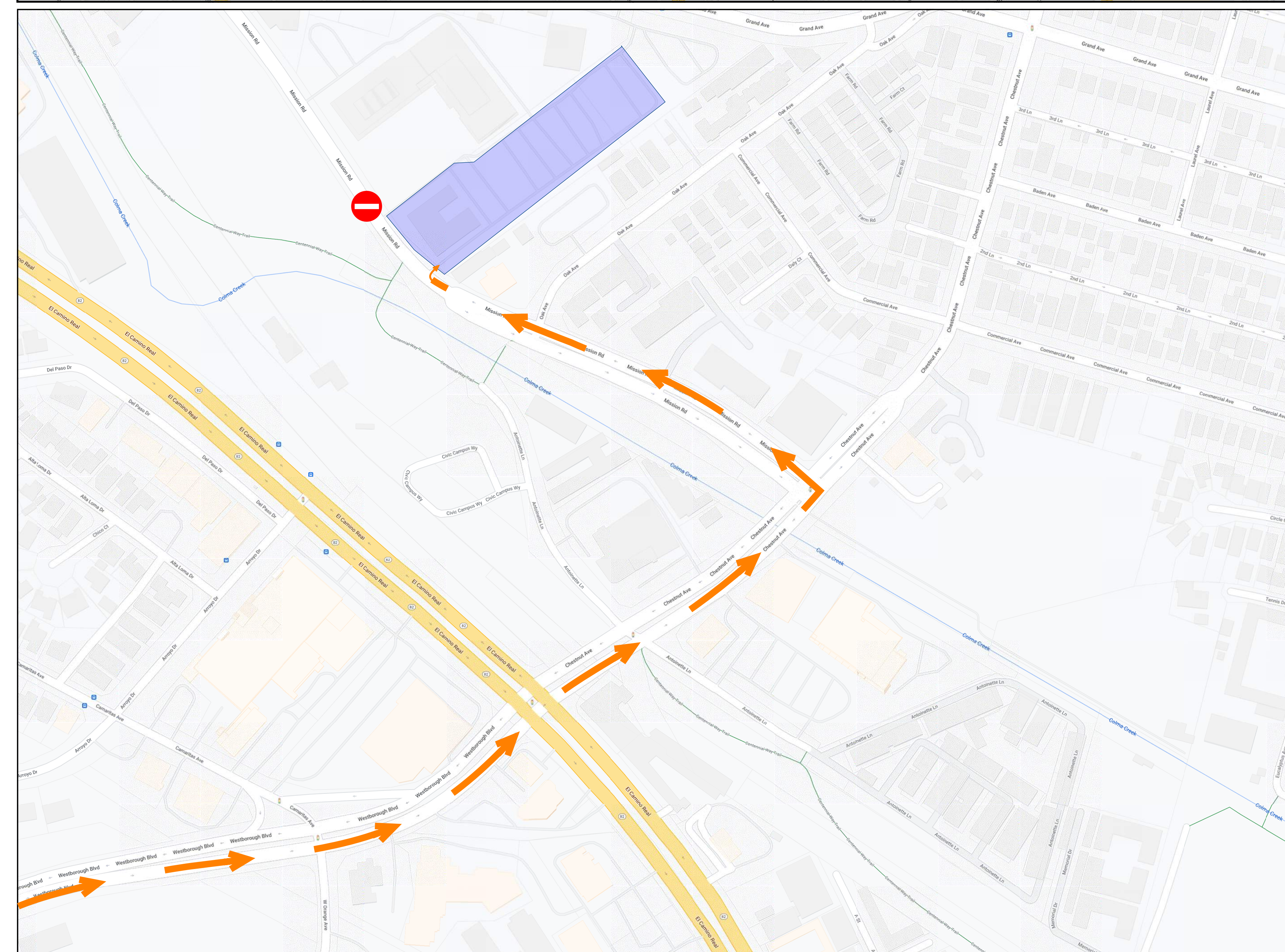
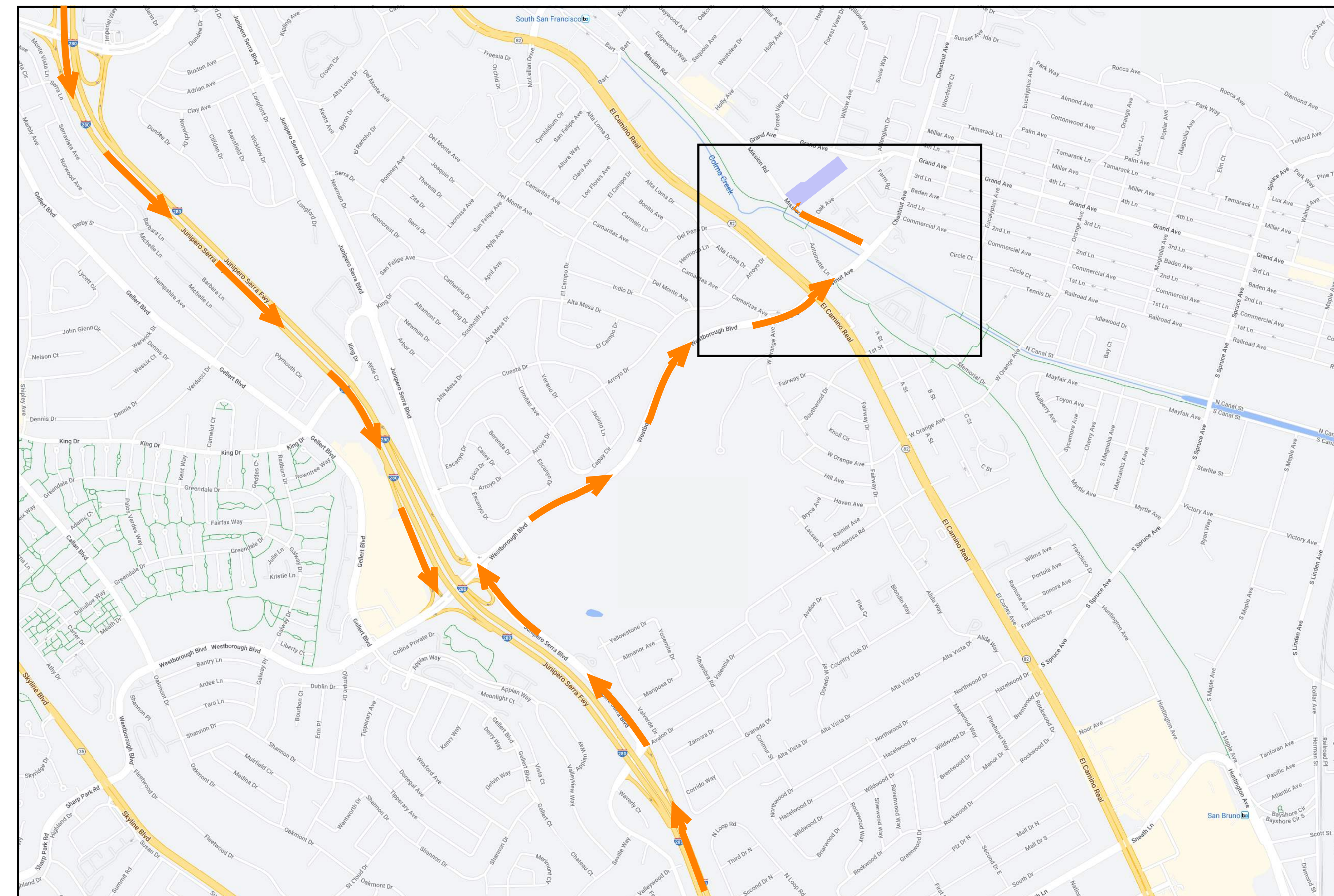
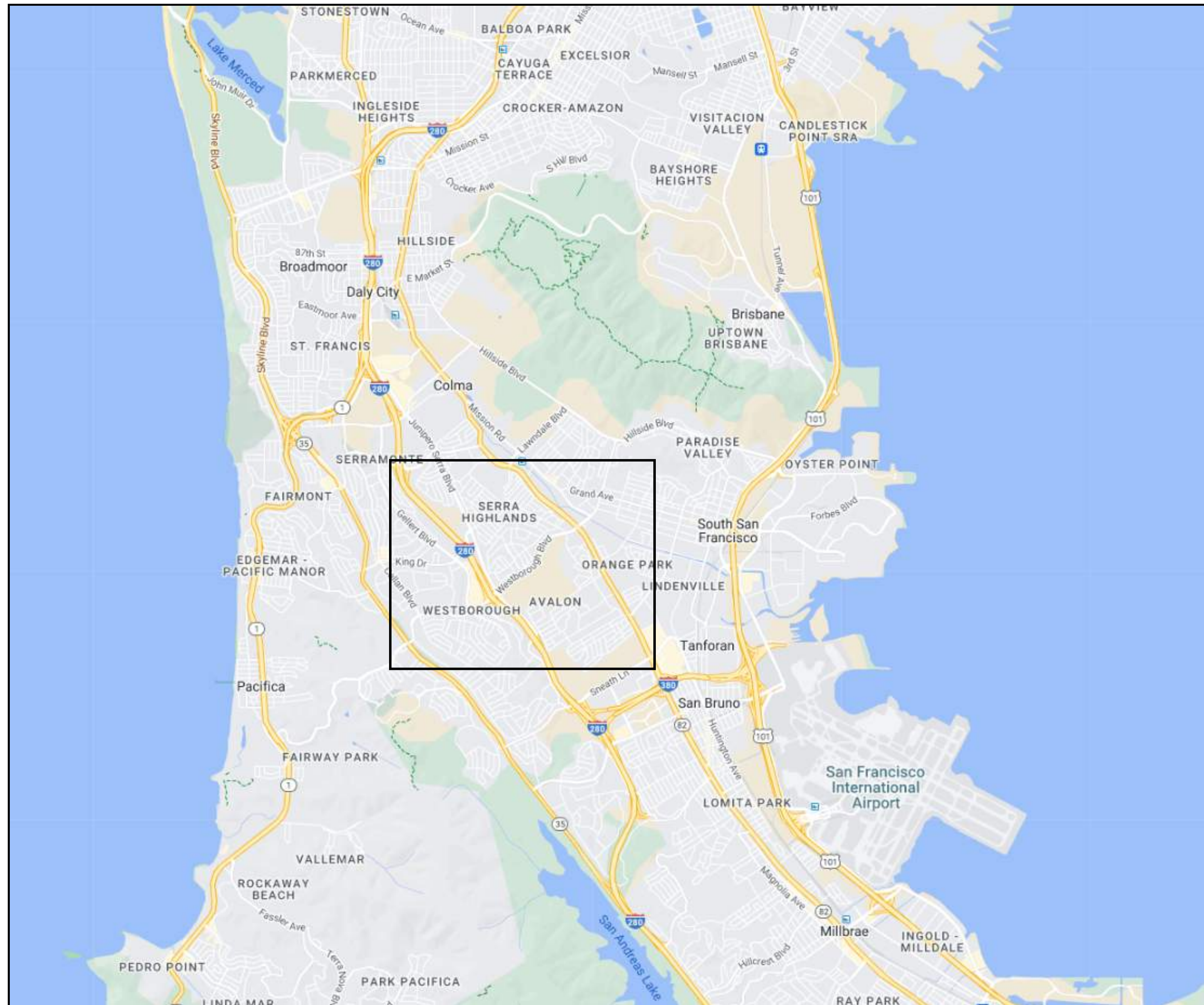
**SOUTH SAN FRANCISCO WELLNESS CENTER  
County of San Mateo Project No. BLD2020-00000**

**SAN MATEO COUNTY HEALTH**

**XL CONSTRUCTION - CONTRACTOR**

**TABLE OF CONTENTS**

- XL01. Cover Sheet**
- XL02. Hauling Route**
- XL03. Phase 1 - Site Isolation and Preparation**
- XL04. Phase 2 - Demolition**
- XL05. Phase 3 - Excavation and Grading**
- XL06. Phase 4 - Foundations**
- XL07. Phase 5 - 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

| PROJECT NUMBER |             |      |
|----------------|-------------|------|
| DATE           |             |      |
| REVISIONS      |             |      |
| NO             | DESCRIPTION | DATE |
|                |             |      |

# Initial site isolation

January to February 2024

**Major activities-**  
Fencing- work area isolation  
Construction Trailers  
Signage  
Abatement  
Parking prep for Courthouse parking.



| PROJECT NUMBER | DATE |             |      |
|----------------|------|-------------|------|
|                |      |             |      |
| REVISIONS      | NO   | DESCRIPTION | DATE |
|                |      |             |      |

# Demo Phase

February to March 2024

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

**XL**  
CONSTRUCTION  
851 Buckeye Ct  
Milpitas, CA 95035  
(408)240-0600  
1810 13th St. #110  
Sacramento, CA 95811  
(916)282-2900  
www.xlconstruction.com

**SAN MATEO**  
COUNTY HEALTH  
All together better.



| PROJECT NUMBER | DATE |             |      |
|----------------|------|-------------|------|
|                |      |             |      |
| REVISIONS      | NO   | DESCRIPTION | DATE |
|                |      |             |      |

# Soil Improvement/Deep Excavation

April to May 2024

**Major activities-**  
Grading  
DDC  
Deep Excavation  
Deep Footings

**XL**  
CONSTRUCTION...  
851 Buckeye Ct  
Milpitas, CA 95035  
(408)240-0600  
1810 13th St. #110  
Sacramento, CA 95811  
(916)282-2900  
www.xlconstruction.com

**SAN MATEO COUNTY HEALTH**  
All together better.



| PROJECT NUMBER | DATE |             |      |
|----------------|------|-------------|------|
|                |      |             |      |
| REVISIONS      | NO   | DESCRIPTION | DATE |
|                |      |             |      |

# Foundations/Structure

May 2024 to January 2025

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

**XL**  
CONSTRUCTION  
851 Buckeye Ct  
Milpitas, CA 95035  
(408)240-0600  
1810 13th St. #110  
Sacramento, CA 95811  
(916)282-2900  
www.xlconstruction.com

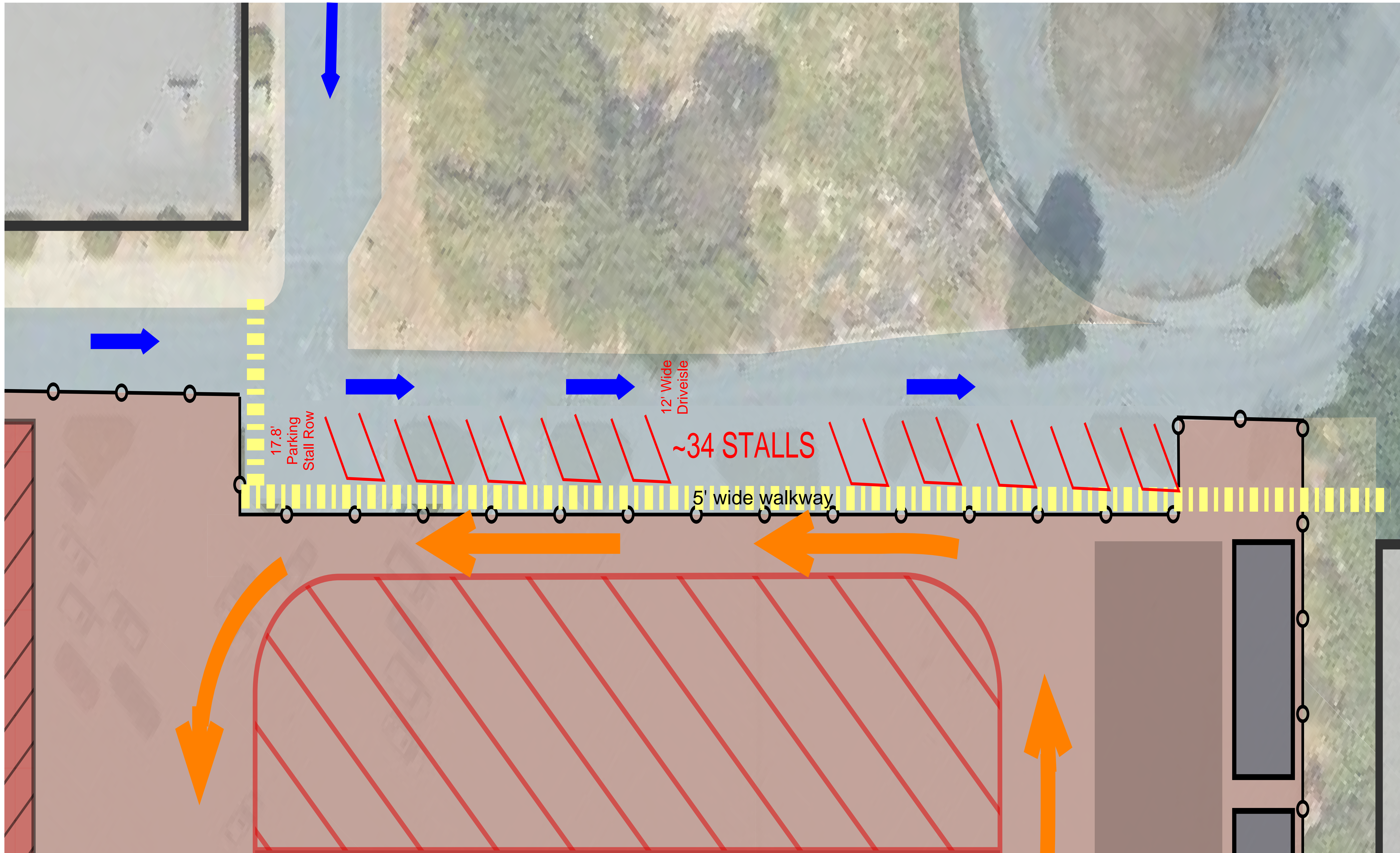
**SAN MATEO**  
COUNTY HEALTH  
All together better.



| PROJECT NUMBER | DATE |             |      |
|----------------|------|-------------|------|
|                |      |             |      |
| REVISIONS      | NO   | DESCRIPTION | DATE |
|                |      |             |      |

# Temporary Parking Plan

January 2024 to January 2025



| PROJECT NUMBER |             |      |
|----------------|-------------|------|
| DATE           |             |      |
| REVISIONS      |             |      |
| NO             | DESCRIPTION | DATE |
|                |             |      |
|                |             |      |
|                |             |      |

# Work Flow

## Major activities-

Timber erection-

Activities within building footprint-



CONSTRUCTION

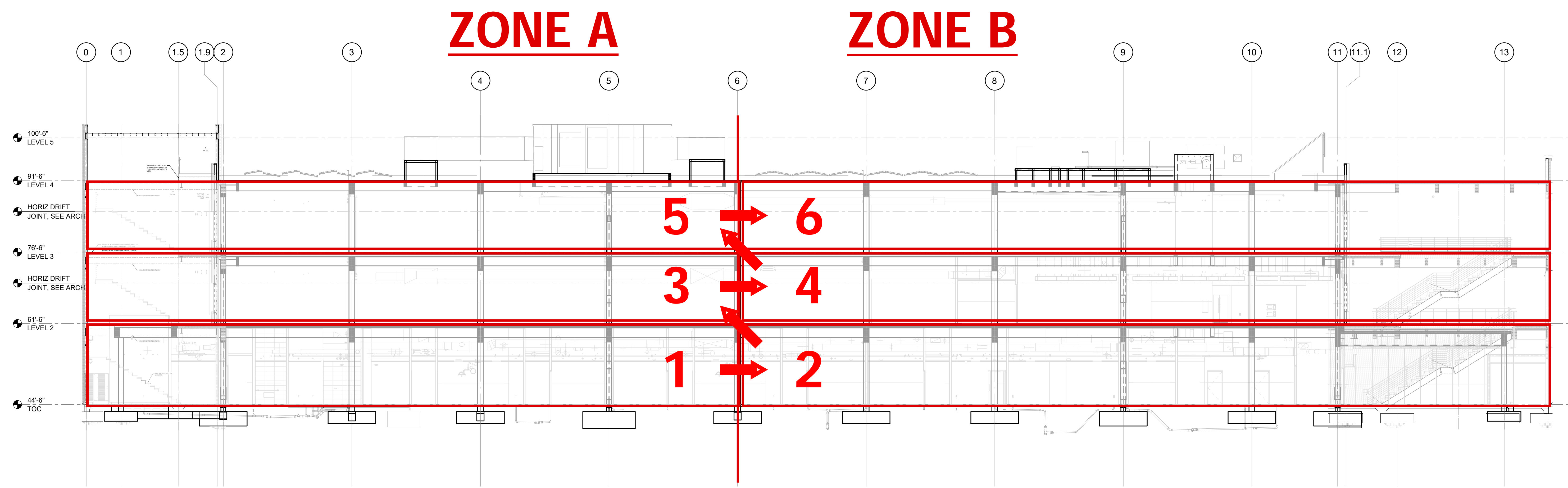
851 Buckeye Ct  
Milpitas, CA 95035  
(408)240-0600

1810 13th St. #110  
Sacramento, CA 95811  
(916)282-2900

www.xlconstruction.com



SAN MATEO COUNTY HEALTH  
All together better.



<-- MISSION ROAD

WEST  
PARKING LOT -->

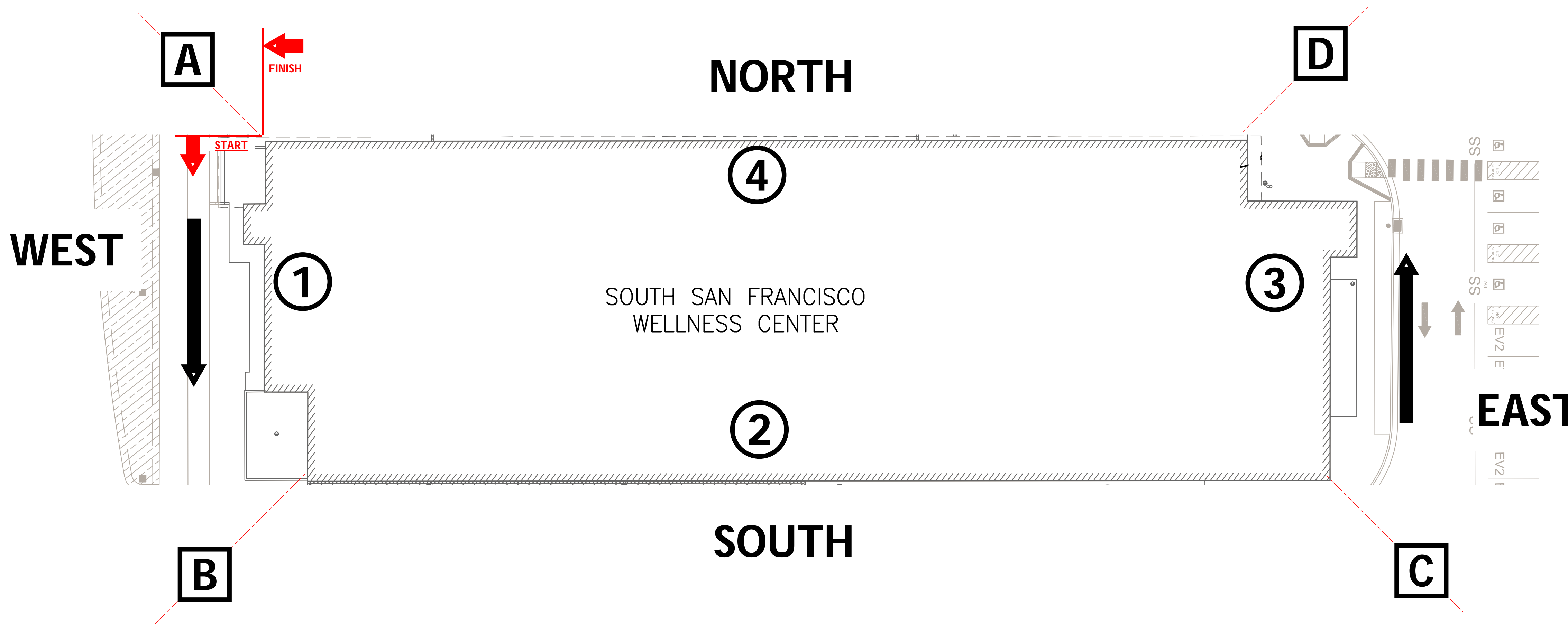
## GENERAL WORKFLOW AND ERECTION SEQUENCE

| REVISIONS |             |      |
|-----------|-------------|------|
| NO        | DESCRIPTION | DATE |
|           |             |      |
|           |             |      |
|           |             |      |

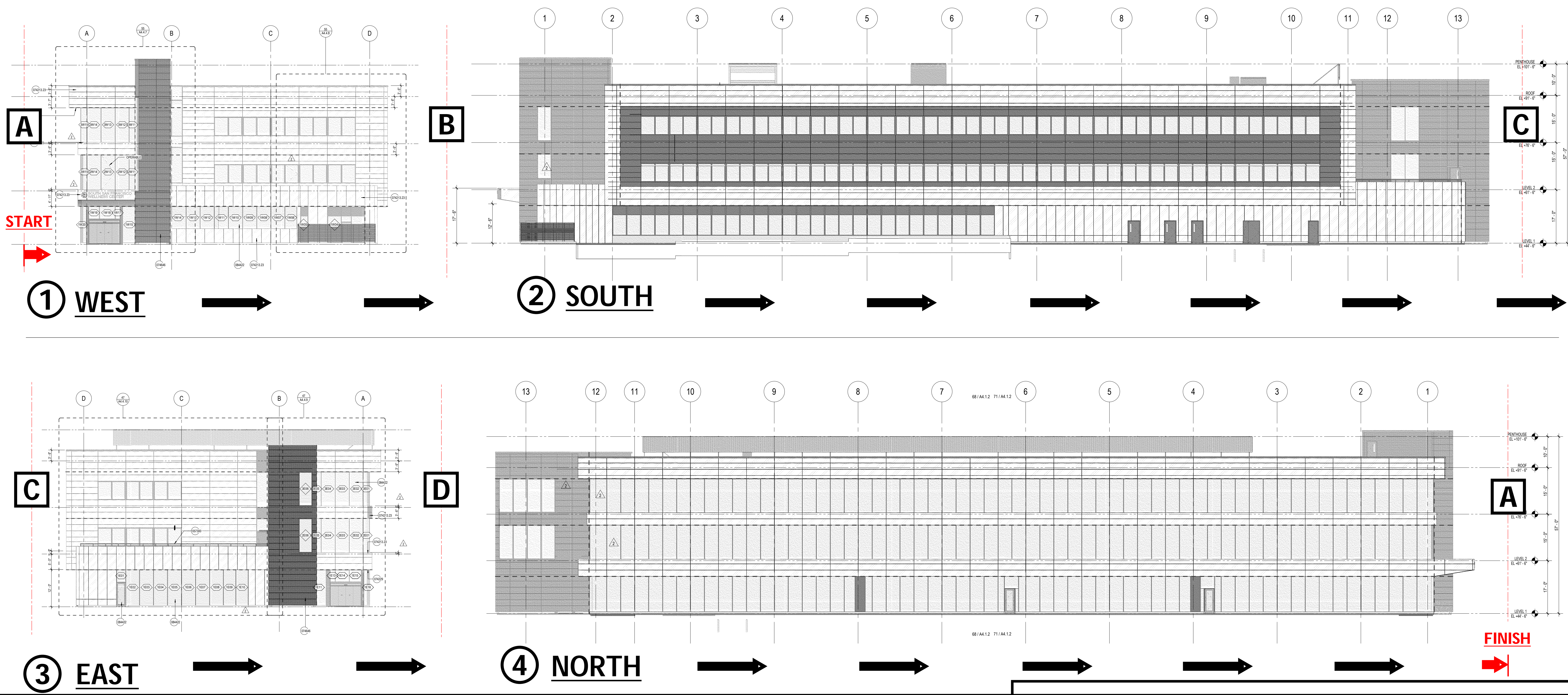


**Initial site isolation**  
January to February 2024

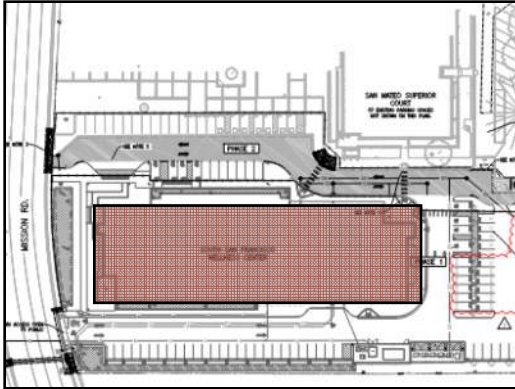
**Major activities-**  
Fencing- work area isolation  
Construction Trailers  
Signage  
Abatement  
Parking prep for Courthouse parking.



**FACADE SEQUENCE:**  
WEST → SOUTH → EAST → NORTH  
Start at the NW corner,  
work counter-clockwise,  
complete the level before  
moving to next level

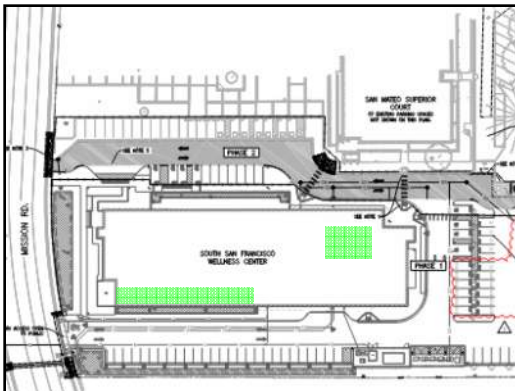


| PROJECT NUMBER |             |      |
|----------------|-------------|------|
| DATE           |             |      |
| REVISIONS      |             |      |
| NO             | DESCRIPTION | DATE |
|                |             |      |
|                |             |      |



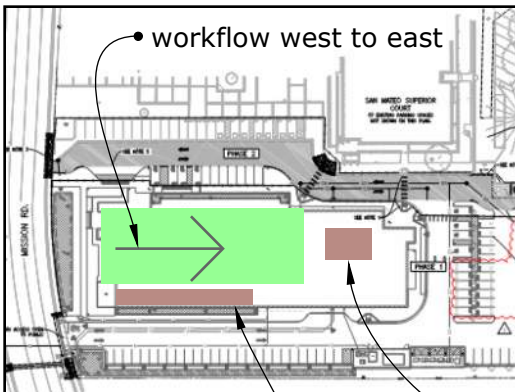
**Grading Contractor-**

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.



**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-**

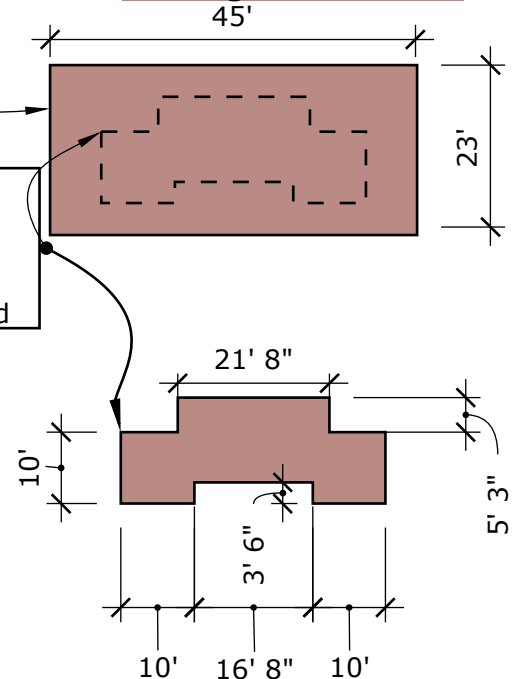
DDC install to move away from deep DDC areas. Production DDC general workflow is to start at East and work towards west. Grading contractor will bench and excavate deep footings and install load transfer pads

South footings continued next page

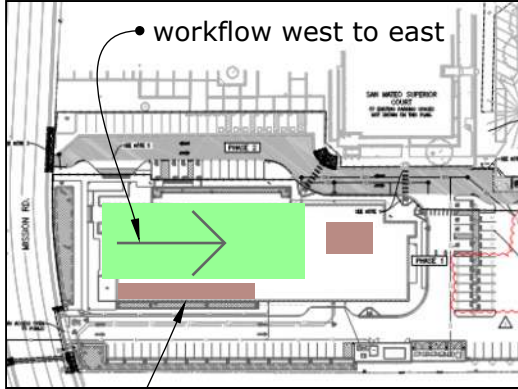
Elevator area excavate bench at 38'6" elevation  
45'x23'x4'6"=173 yards

Neat cut Elevator footings cut from 38'6 to elevation 35' total of 55 additional yards.  
Install 12" load transfer pad

**Grading Contractor-**



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

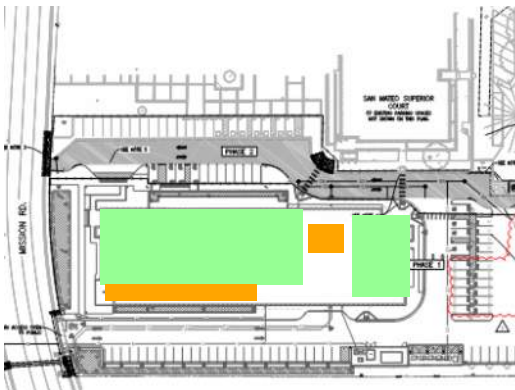
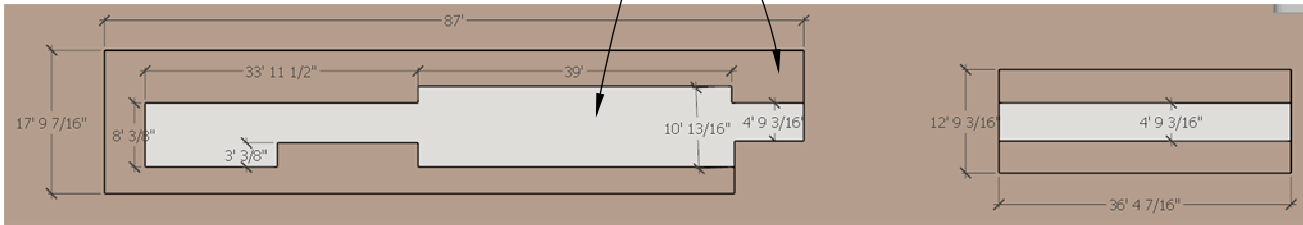


**Soil Improvement Contractor**

Continue production during deep ex and footings.

**Grading Contractor-**

- Neat cut footings and over ex for LTP to 36' 6"
- Bench from 43' to 40' 6"

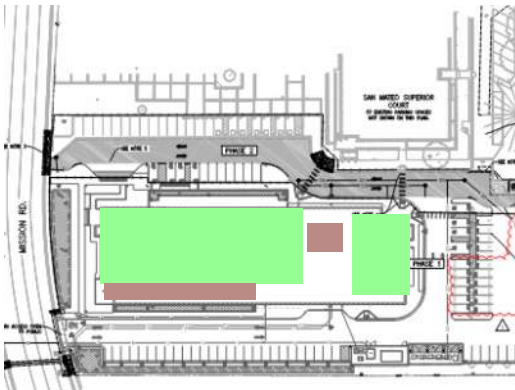


**Soil Improvement Contractor**

Continue production during deep ex and footings.

**Concrete Contractor-**

install deep footings



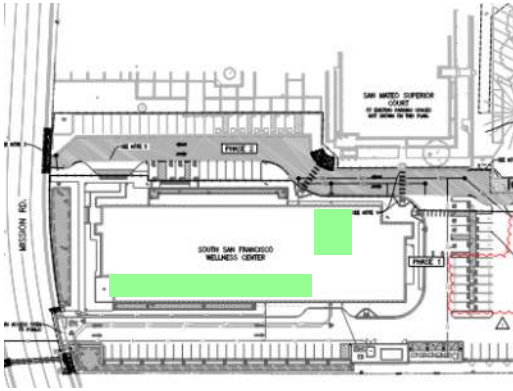
**Soil Improvement Contractor**

Continue production during deep ex and footings.

**Grading Contractor-**

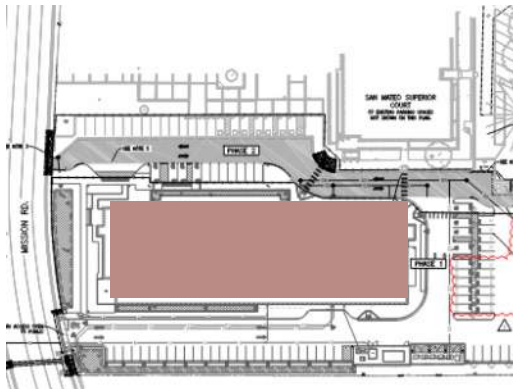
Backfill deep ex areas after footings, use spoils from DDC production for backfill. approx. 388 yards.

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



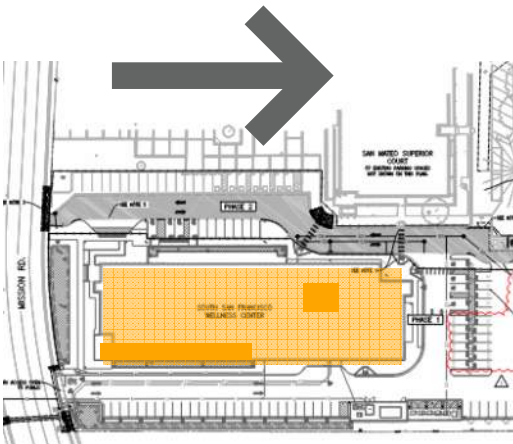
**Soil Improvement Contractor**

Install sog DDC's adjacent to deep ex areas. Demob.



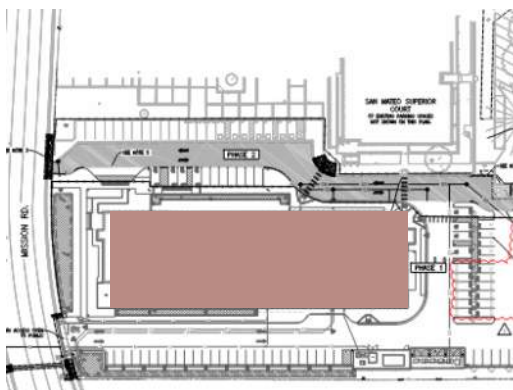
**Grading Contractor-**

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.

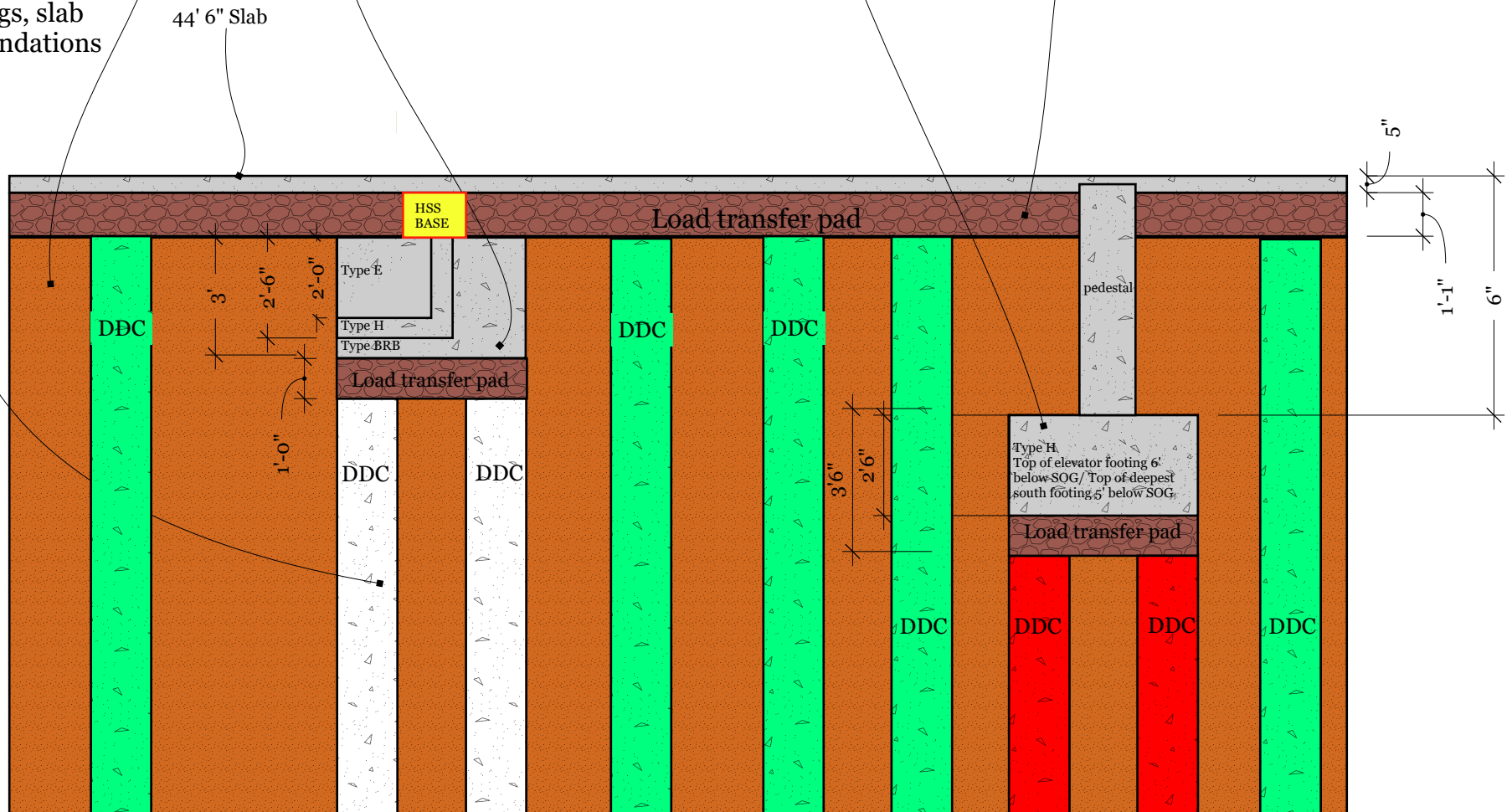
1. Prep existing grade for drill rig. Current grade per plans is around 43'+.

2. Install DDC's approx. qty 1200 stop grout at varied elevations. For various depth footings, slab and deep foundations

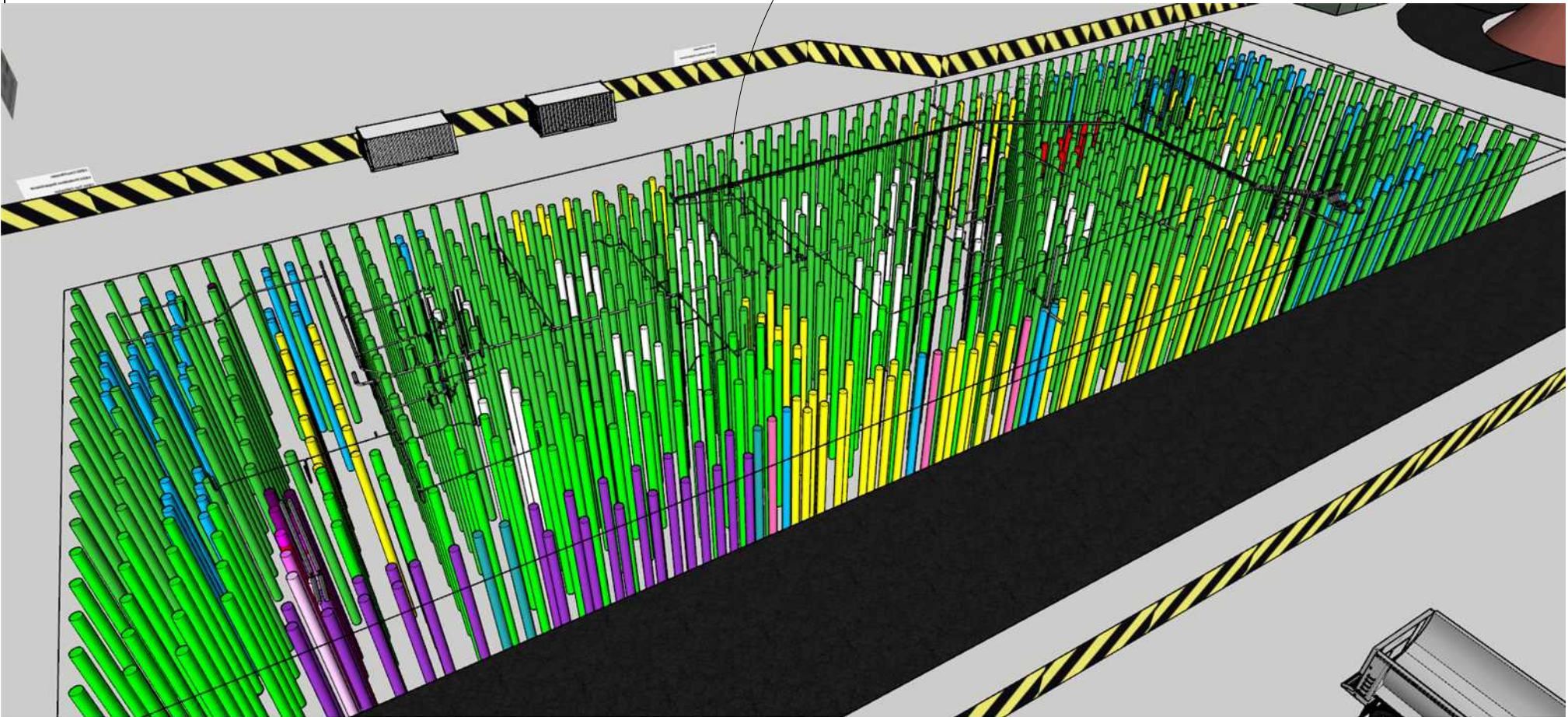
3. Excavate to bottom of footing plus 12", install load transfer pad, footing. There will be multiple top of DDC elevations- All tops of DDC's will be within 12 inches of element to be supported

4. Deep excavate existing soil for footings adjacent to elevator pit and south west footings along bioretention. Excavate to top of footing, for bench. Then neat cut and over ex footing area, install load transfer pad, then footing.

5. Load transfer pad that supports slab on grade is to be drain rock and will serve as capillary break.



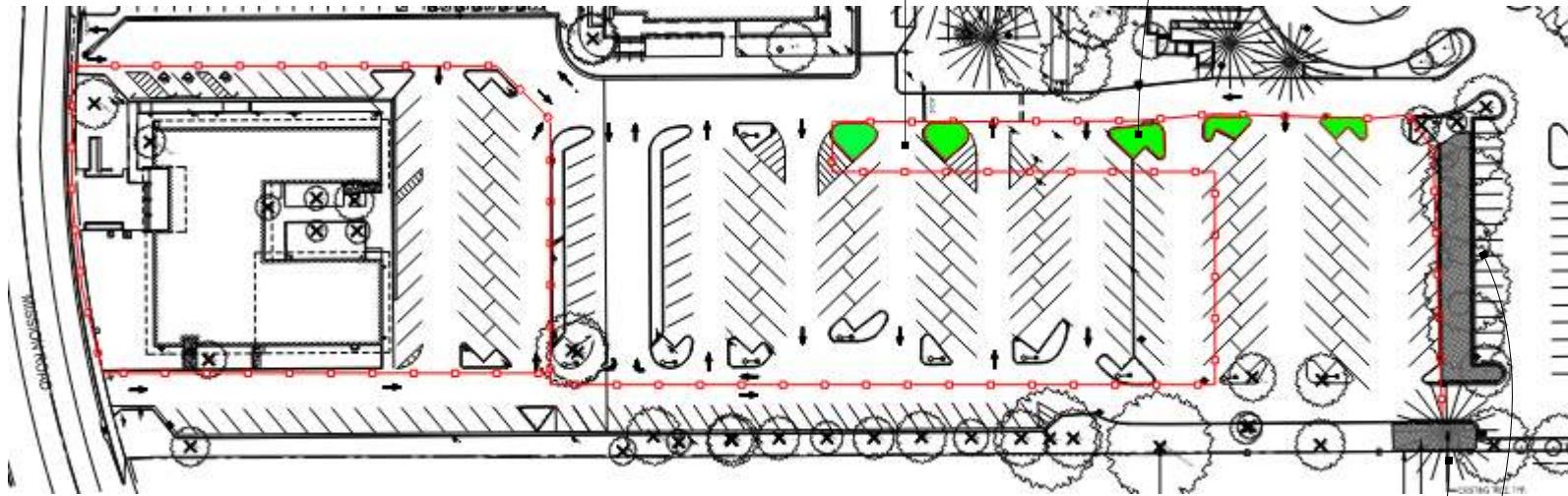
Need to coordinate DDC's relative to MEP and test piles.



# Grading / Site / Paving Work plan

Priority area to establish public parking. XL will provide temp fencing to isolate work area.

Grubbing  
Demo lights  
Signage  
Curbs  
Infill with asphalt



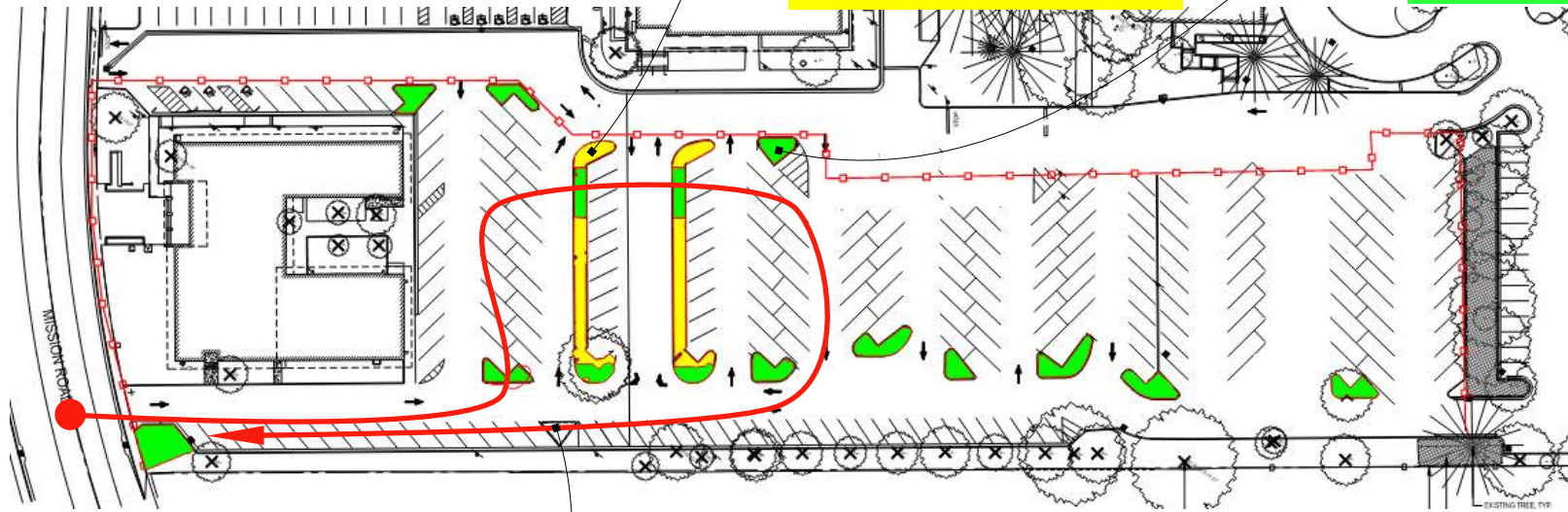
Initial work-  
March 1-15th  
Primary Tasks:  
Prep area for courthouse parking  
Abatement of probation building

Tree Protection  
two locations,  
post driven fencing

# Grading / Site / Paving Work plan

Yellow areas:  
Grubbing  
Demo lights  
Signage  
Curbs  
Do NOT infill with asphalt

Green areas:  
Grubbing  
Demo lights  
Signage  
Curbs  
Infill with asphalt



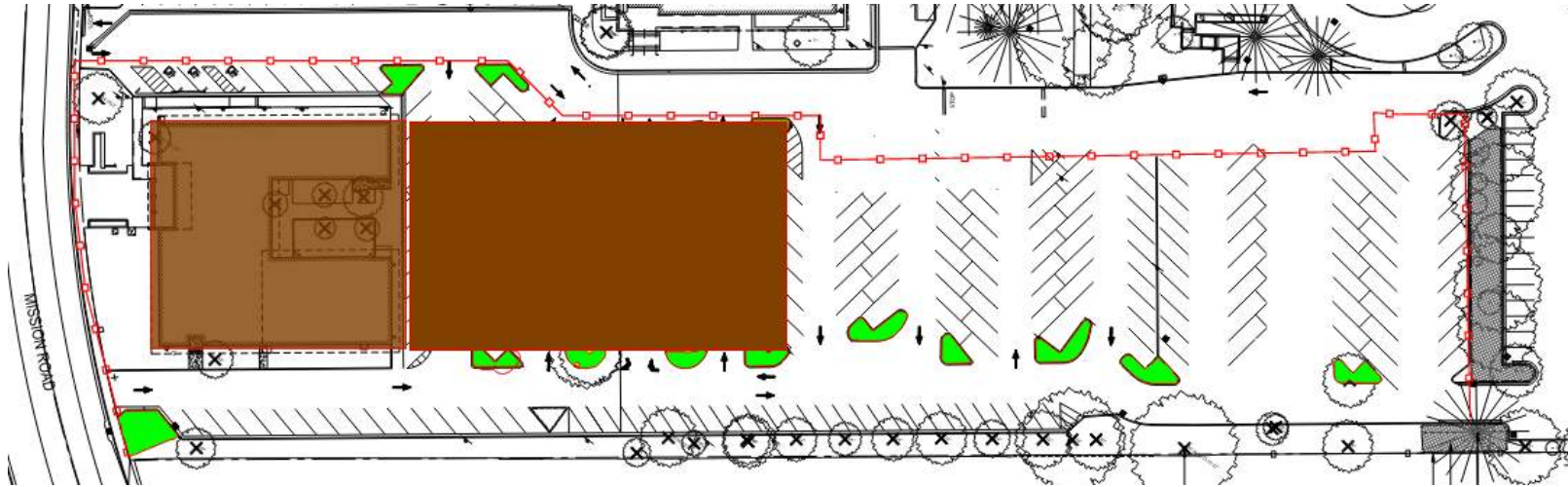
Red line represents path of demo vehicles.

Intent for early parking area prep is to leave asphalt in place during building demo. And to create demo vehicle circulation path that will minimize dirt and mud tracking to street.

Parking prep-  
March 15th-April 9th  
Primary Tasks:  
Prep parking and circulation  
Demo Probation building



# Grading / Site / Paving Work plan



Post Demo-

April 10th-23rd

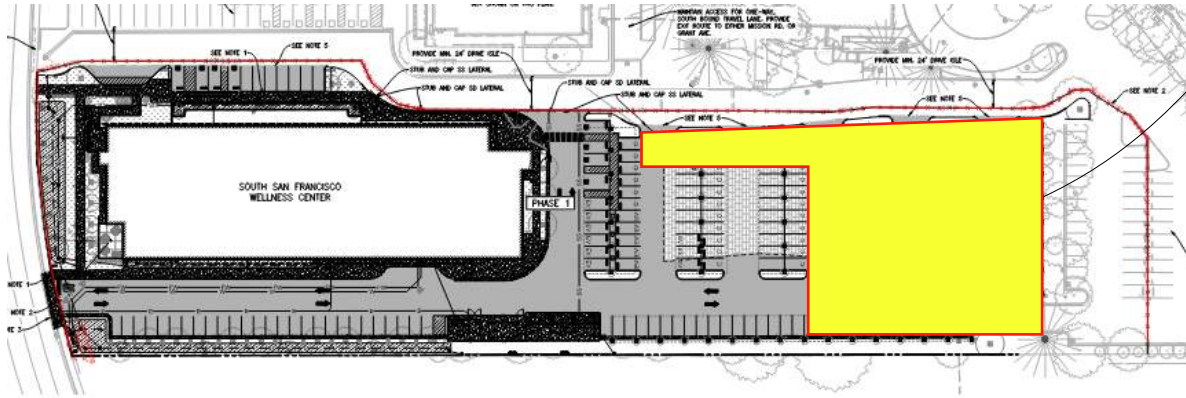
Primary Tasks:

Demo parking area to extent of building.

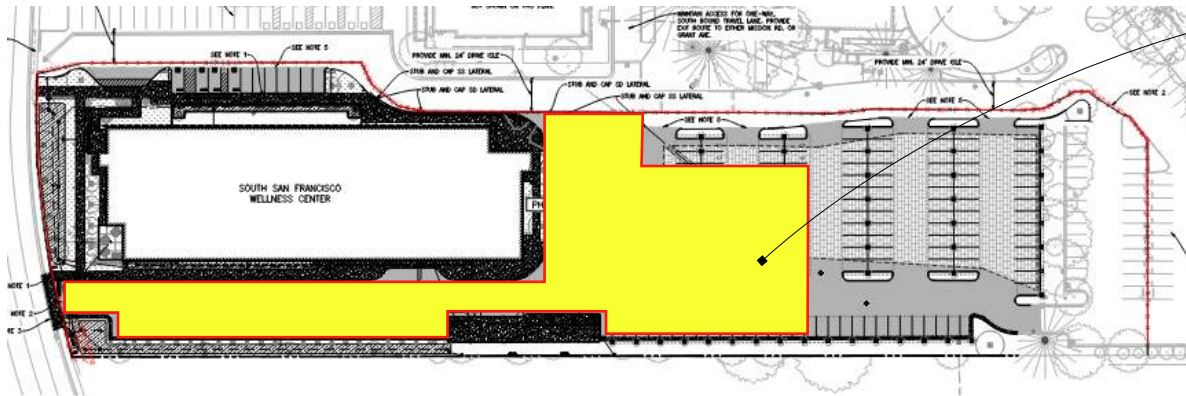
Grade and compact and prep building pad to 43' elevation

# Grading / Site / Paving Work plan

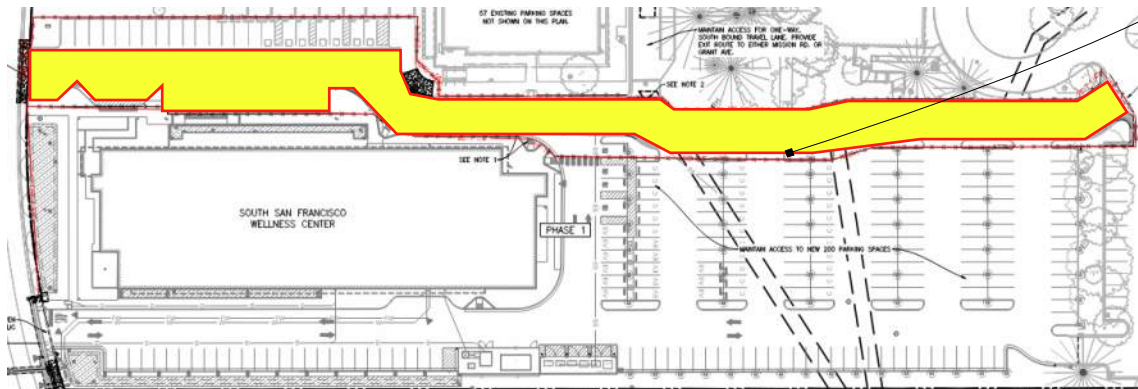
Phase 1A  
paving East parking  
area.  
March 3-5 2025



Phase 1B  
May 28-30 2025



Phase 2  
September 1-3 2025



## 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 |
| A5.1.1      | EXTERIOR DETAILS AT GRADE   | 7/11/2023    | 07.14.23 Permit Submittal |
| A5.1.2      | EXTERIOR DETAILS AT GRADE   | 7/11/2023    | 07.14.23 Permit Submittal |
| A5.2.1      | EXTERIOR SECTION DETAILS - FIBER CEMENT SIDING                            | 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 |
| A5.6.1      | MISCELLANEOUS EXTERIOR DETAILS                                       | 7/11/2023    | 07.14.23 Permit Submittal |
| A5.7.1      | EXTERIOR SECTION DETAILS - MAIN TERRACE                              | 7/11/2023    | 07.14.23 Permit Submittal |
| 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      | INTERIOR OPENING SCHEDULE  | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.3.2      | DOOR / FRAME & STOREFRONT ELEVATION                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.3.3      | DOOR AND FRAME DETAILS   | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.3.4      | FRAME AND OPENING DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.3.5      | GLAZING DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.3.6      | GLAZING DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.4.1      | TYPICAL CEILING DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.4.2      | TYPICAL CEILING DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| A9.4.3      | 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 |
| AI2.1.1B    | LEVEL 1 FURNITURE PLAN ENLARGED - AREA B                             | 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           | 7/11/2023    | 07.14.23 Permit Submittal |
| AI2.1.2B    | LEVEL 2 FURNITURE PLAN ENLARGED - AREA B           | 7/11/2023    | 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   | 7/11/2023    | 07.14.23 Permit Submittal |
| AQ2.1.2B    | LEVEL 2 SPECIALTY EQUIPMENT ENLARGED PLAN - ZONE B | 7/11/2023    | 07.14.23 Permit Submittal |
| C0.1        | TITLE SHEET & SHEET INDEX                          | 7/11/2023    | 07.14.23 Permit Submittal |
| C0.2        | GENERAL NOTES                                      | 7/11/2023    | 07.14.23 Permit Submittal |
| C0.3        | GENERAL NOTES                                      | 7/11/2023    | 07.14.23 Permit Submittal |
| C0.4        | BEST MANAGEMENT PRACTICES                          | 7/11/2023    | 07.14.23 Permit Submittal |
| C0.5        | FIRE ACCESS PLAN                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| C0.6        | PHASING PLAN - PHASE 1                             | 7/11/2023    | 07.14.23 Permit Submittal |
| C0.7        | PHASING PLAN - PHASE 2                             | 7/11/2023    | 07.14.23 Permit Submittal |
| C1.1        | EXISTING CONDITIONS                                | 7/11/2023    | 07.14.23 Permit Submittal |
| C1.2        | EXISTING CONDITIONS                                | 7/11/2023    | 07.14.23 Permit Submittal |
| C1.3        | EXISTING CONDITIONS                                | 7/11/2023    | 07.14.23 Permit Submittal |
| C2.1        | DEMOLITION PLAN                                    | 7/11/2023    | 07.14.23 Permit Submittal |
| C2.2        | DEMOLITION PLAN                                    | 7/11/2023    | 07.14.23 Permit Submittal |
| C2.3        | DEMOLITION PLAN                                    | 7/11/2023    | 07.14.23 Permit Submittal |
| C3.1        | EROSION CONTROL PLAN                               | 7/11/2023    | 07.14.23 Permit Submittal |
| C3.2        | EROSION CONTROL PLAN                               | 7/11/2023    | 07.14.23 Permit Submittal |
| C3.3        | EROSION CONTROL PLAN                               | 7/11/2023    | 07.14.23 Permit Submittal |
| C3.4        | EROSION CONTROL NOTES & DETAILS                    | 7/11/2023    | 07.14.23 Permit Submittal |
| C4.1        | HORIZONTAL CONTROL PLAN                            | 7/11/2023    | 07.14.23 Permit Submittal |
| C4.2        | HORIZONTAL CONTROL PLAN                            | 7/11/2023    | 07.14.23 Permit Submittal |
| C4.3        | HORIZONTAL CONTROL PLAN                            | 7/11/2023    | 07.14.23 Permit Submittal |
| C5.1        | LAYOUT & PAVING PLAN                               | 7/11/2023    | 07.14.23 Permit Submittal |
| C5.2        | LAYOUT & PAVING PLAN                               | 7/11/2023    | 07.14.23 Permit Submittal |
| C5.3        | LAYOUT & PAVING PLAN                               | 7/11/2023    | 07.14.23 Permit Submittal |
| C6.1        | GRADING PLAN                                       | 7/11/2023    | 07.14.23 Permit Submittal |
| C6.2        | GRADING PLAN                                       | 7/11/2023    | 07.14.23 Permit Submittal |
| C6.3        | GRADING PLAN                                       | 7/11/2023    | 07.14.23 Permit Submittal |
| C7.1        | UTILITY PLAN                                       | 7/11/2023    | 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  | 7/11/2023    | 07.14.23 Permit Submittal |
| C9.2        | DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| C9.3        | DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| C9.4        | DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| C9.5        | DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.1        | ELECTRICAL ABBREVIATIONS AND SYMBOLS               | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.2        | ELECTRICAL SCHEDULES                               | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.3        | ELECTRICAL POWER DISTRIBUTION COMPLIANCE FORMS     | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.4        | ELECTRICAL OUTDOOR LIGHTING COMPLIANCE FORMS       | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.5        | ELECTRICAL OUTDOOR LIGHTING COMPLIANCE FORMS       | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.6        | ELECTRICAL INDOOR LIGHTING COMPLIANCE FORMS        | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.7        | ELECTRICAL INDOOR LIGHTING COMPLIANCE FORMS        | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.8        | ELECTRICAL INDOOR LIGHTING COMPLIANCE FORMS        | 7/11/2023    | 07.14.23 Permit Submittal |
| E0.9        | ELECTRICAL SIGN LIGHTING COMPLIANCE FORMS          | 7/11/2023    | 07.14.23 Permit Submittal |
| E1.0        | ELECTRICAL SITE PLANS                              | 7/11/2023    | 07.14.23 Permit Submittal |
| E1.1        | SITE PHOTOMETRICS                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.1        | LEVEL 1 GROUNDING AND UNDERGROUND CONDUIT PLAN     | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.1.A      | LEVEL 1 POWER PLAN ENLARGED - AREA A               | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.1.B      | LEVEL 1 POWER PLAN ENLARGED - AREA B               | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.2.A      | LEVEL 2 POWER PLAN ENLARGED - AREA A               | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.2.B      | LEVEL 2 POWER PLAN ENLARGED - AREA B               | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.3.A      | LEVEL 3 POWER PLAN ENLARGED - AREA A               | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.3.B      | LEVEL 3 POWER PLAN ENLARGED - AREA B               | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.4.A      | ROOF POWER PLAN ENLARGED - AREA A                  | 7/11/2023    | 07.14.23 Permit Submittal |
| E2.4.B      | ROOF POWER PLAN ENLARGED - AREA B                  | 7/11/2023    | 07.14.23 Permit Submittal |
| E3.1.0      | LEVEL 1 EMERGENCY LIGHTING PHOTOMETRICS            | 7/11/2023    | 07.14.23 Permit Submittal |
| E3.1.A      | LEVEL 1 LIGHTING PLAN ENLARGED - AREA A            | 7/11/2023    | 07.14.23 Permit Submittal |
| E3.1.B      | LEVEL 1 LIGHTING PLAN ENLARGED - AREA B            | 7/11/2023    | 07.14.23 Permit Submittal |
| E3.2.0      | LEVEL 2 EMERGENCY LIGHTING PHOTOMETRICS            | 7/11/2023    | 07.14.23 Permit Submittal |

| Drawing No. | Drawing Title  | Drawing Date | Set Name                  |
|-------------|--|--------------|---------------------------|
| E3.2.A      | LEVEL 2 LIGHTING PLAN ENLARGED - AREA A              | 7/11/2023    | 07.14.23 Permit Submittal |
| E3.2.B      | LEVEL 2 LIGHTING PLAN ENLARGED - AREA B              | 7/11/2023    | 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       | 7/11/2023    | 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       | 7/11/2023    | 07.14.23 Permit Submittal |
| E4.3.A      | LEVEL 3 SPECIAL SYSTEMS PLAN ENLARGED - AREA A       | 7/11/2023    | 07.14.23 Permit Submittal |
| E4.3.B      | LEVEL 3 SPECIAL SYSTEMS PLAN ENLARGED - AREA B       | 7/11/2023    | 07.14.23 Permit Submittal |
| E4.4.A      | ROOF SPECIAL SYSTEMS PLAN ENLARGED - AREA A          | 7/11/2023    | 07.14.23 Permit Submittal |
| E5          | ELECTRICAL DIAGRAMS                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| E6.1        | ELECTRICAL DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| E6.2        | ELECTRICAL DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| E6.3        | ELECTRICAL DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| E6.4        | ELECTRICAL DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.0        | MECHANICAL EQUIPMENT AND POWER CALCULATION SCHEDULES | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.1        | LIGHTING SCHEDULES                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.2        | PANELBOARD SCHEDULES                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.3        | PANELBOARD SCHEDULES                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.4        | PANELBOARD SCHEDULES                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.5        | PANELBOARD SCHEDULES                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.6        | PANELBOARD SCHEDULES                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.7        | PANELBOARD SCHEDULES                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| E7.8        | PANELBOARD SCHEDULES                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| E8.0        | ENLARGED PLANS AND ELEVATIONS                        | 7/11/2023    | 07.14.23 Permit Submittal |
| FP0.1       | FIRE SUPPRESSION ABBREVIATIONS AND SYMBOLS           | 7/11/2023    | 07.14.23 Permit Submittal |
| FP2.1       | FIRST LEVEL FIRE SUPPRESSION PLAN                    | 7/11/2023    | 07.14.23 Permit Submittal |
| FP2.2       | SECOND LEVEL FIRE SUPPRESSION PLAN                   | 7/11/2023    | 07.14.23 Permit Submittal |
| FP2.3       | THIRD LEVEL FIRE SUPPRESSION PLAN                    | 7/11/2023    | 07.14.23 Permit Submittal |
| G0.0        | PROJECT COVER SHEET                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| G1.1        | GENERAL PROJECT INFORMATION AND SHEET INDEX          | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.1.1      | 2022 BUILDING CODE SUMMARY                           | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.1.2      | OSHPD 3 CODE COMPLIANCE                              | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.1.3      | CAL GREEN CODE COMPLIANCE                            | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.1.4      | CAL GREEN CODE COMPLIANCE                            | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.1.5      | CAL GREEN CODE COMPLIANCE                            | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.2.1      | FIRE AND LIFE SAFETY DRAWINGS LEVEL 1                | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.2.2      | FIRE AND LIFE SAFETY DRAWINGS LEVEL 2                | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.2.3      | FIRE AND LIFE SAFETY DRAWINGS LEVEL 3                | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.2.4      | FIRE AND LIFE SAFETY DRAWINGS - ROOMS SCHEDULE I     | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.5.1      | ENGINEERING JUDGEMENTS                               | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.5.2      | ENGINEERING JUDGEMENTS                               | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.6.1      | ENERGY EFFICIENCY COMPLIANCE                         | 7/11/2023    | 07.14.23 Permit Submittal |
| G2.6.2      | ENERGY EFFICIENCY COMPLIANCE                         | 7/11/2023    | 07.14.23 Permit Submittal |
| I600        | HYDROZONE MAP  | 7/11/2023    | 07.14.23 Permit Submittal |
| I600A       | HYDROZONE MAP ALTERNATE PLAN                         | 7/11/2023    | 07.14.23 Permit Submittal |
| I601        | IRRIGATION PLAN                                      | 7/11/2023    | 07.14.23 Permit Submittal |
| I602        | IRRIGATION PLAN                                      | 7/11/2023    | 07.14.23 Permit Submittal |
| I603        | IRRIGATION PLAN                                      | 7/11/2023    | 07.14.23 Permit Submittal |
| I700        | IRRIGATION ENLARGEMENT PLAN - AREA 1                 | 7/11/2023    | 07.14.23 Permit Submittal |
| I700A       | IRRIGATION ENLARGEMENT PLAN - AREA 1 - ALTERNATE     | 7/11/2023    | 07.14.23 Permit Submittal |
| I701        | IRRIGATION ENLARGEMENT PLAN - AREA 2                 | 7/11/2023    | 07.14.23 Permit Submittal |
| I701A       | IRRIGATION ENLARGEMENT PLAN - AREA 2 - ALTERNATE     | 7/11/2023    | 07.14.23 Permit Submittal |
| I711        | IRRIGATION LEGEND                                    | 7/11/2023    | 07.14.23 Permit Submittal |
| I712        | IRRIGATION LEGEND                                    | 7/11/2023    | 07.14.23 Permit Submittal |
| I713        | IRRIGATION NOTES                                     | 7/11/2023    | 07.14.23 Permit Submittal |
| I714        | IRRIGATION DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| I715        | IRRIGATION DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| I716        | IRRIGATION DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| I717        | IRRIGATION DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| I718        | IRRIGATION DETAILS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| L0-0        | GENERAL NOTES  | 7/11/2023    | 07.14.23 Permit Submittal |
| L0-1        | SITE ILLUSTRATIVE PLAN                               | 7/11/2023    | 07.14.23 Permit Submittal |
| L0-2        | TREE PROTECTION PLAN                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| L100        | OVERALL LAYOUT AND MATERIALS PLAN                    | 7/11/2023    | 07.14.23 Permit Submittal |
| L101        | LAYOUT AND MATERIALS PLAN                            | 7/11/2023    | 07.14.23 Permit Submittal |

| Drawing No. | Drawing Title   | Drawing Date | Set Name                  |
|-------------|---|--------------|---------------------------|
| L102        | LAYOUT AND MATERIALS PLAN   | 7/11/2023    | 07.14.23 Permit Submittal |
| L200        | LAYOUT ENLARGEMENT PLAN - AREA 1  | 7/11/2023    | 07.14.23 Permit Submittal |
| L201        | LAYOUT ENLARGEMENT PLAN - AREA 2  | 7/11/2023    | 07.14.23 Permit Submittal |
| L300        | SITE PERSPECTIVES   | 7/11/2023    | 07.14.23 Permit Submittal |
| L400        | SITE SECTIONS   | 7/11/2023    | 07.14.23 Permit Submittal |
| L401        | SITE SECTIONS   | 7/11/2023    | 07.14.23 Permit Submittal |
| L500        | SITE DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| L501        | SITE DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| L600        | OVERALL PLANTING PLAN   | 7/11/2023    | 07.14.23 Permit Submittal |
| L601        | PLANTING PLAN   | 7/11/2023    | 07.14.23 Permit Submittal |
| L602        | PLANTING PLAN   | 7/11/2023    | 07.14.23 Permit Submittal |
| L603        | PLANTING PLAN   | 7/11/2023    | 07.14.23 Permit Submittal |
| L700        | PLANTING ENLARGEMENT PLAN - AREA 1  | 7/11/2023    | 07.14.23 Permit Submittal |
| L701        | PLANTING ENLARGEMENT PLAN - AREA 2  | 7/11/2023    | 07.14.23 Permit Submittal |
| L800        | PLANTING DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| M0.1        | MECHANICAL ABBREVIATIONS AND SYMBOLS  | 7/11/2023    | 07.14.23 Permit Submittal |
| M0.2        | ADMINISTRATIVE REQUIREMENTS   | 7/11/2023    | 07.14.23 Permit Submittal |
| M0.3        | MECHANICAL TITLE 24   | 7/11/2023    | 07.14.23 Permit Submittal |
| M0.4        | MECHANICAL TITLE 24   | 7/11/2023    | 07.14.23 Permit Submittal |
| M0.5        | MECHANICAL TITLE 24   | 7/11/2023    | 07.14.23 Permit Submittal |
| M0.6        | MECHANICAL TITLE 24   | 7/11/2023    | 07.14.23 Permit Submittal |
| M0.7        | MECHANICAL OSHPD 3 REQUIREMENTS   | 7/11/2023    | 07.14.23 Permit Submittal |
| M1.1        | LEVEL 1 HVAC ZONING   | 7/11/2023    | 07.14.23 Permit Submittal |
| M1.2        | LEVEL 2 HVAC ZONING   | 7/11/2023    | 07.14.23 Permit Submittal |
| M1.3        | LEVEL 3 HVAC ZONING   | 7/11/2023    | 07.14.23 Permit Submittal |
| M2.1.1A     | ENLARGED LEVEL 1 HVAC PLAN - AREA A   | 7/11/2023    | 07.14.23 Permit Submittal |
| M2.1.1B     | ENLARGED LEVEL 1 HVAC PLAN - AREA B   | 7/11/2023    | 07.14.23 Permit Submittal |
| M2.2.A      | SECOND LEVEL HVAC PLAN AREA A   | 7/11/2023    | 07.14.23 Permit Submittal |
| M2.2.B      | SECOND LEVEL HVAC PLAN AREA B   | 7/11/2023    | 07.14.23 Permit Submittal |
| M2.3.A      | THIRD LEVEL HVAC PLAN AREA A  | 7/11/2023    | 07.14.23 Permit Submittal |
| M2.3.B      | THIRD LEVEL HVAC PLAN AREA B  | 7/11/2023    | 07.14.23 Permit Submittal |
| M2.4        | ROOF HVAC PLAN  | 7/11/2023    | 07.14.23 Permit Submittal |
| M3.1.A      | FIRST LEVEL HVAC PIPING PLAN AREA A   | 7/11/2023    | 07.14.23 Permit Submittal |
| M3.1.B      | FIRST LEVEL HVAC PIPING PLAN AREA B   | 7/11/2023    | 07.14.23 Permit Submittal |
| M3.2.A      | SECOND LEVEL HVAC PIPING PLAN AREA A  | 7/11/2023    | 07.14.23 Permit Submittal |
| M3.2.B      | SECOND LEVEL HVAC PIPING PLAN AREA B  | 7/11/2023    | 07.14.23 Permit Submittal |
| M3.3.A      | THIRD LEVEL HVAC PIPING PLAN AREA A   | 7/11/2023    | 07.14.23 Permit Submittal |
| M3.3.B      | THIRD LEVEL HVAC PIPING PLAN AREA B   | 7/11/2023    | 07.14.23 Permit Submittal |
| M3.4        | ROOF HVAC PIPING PLAN   | 7/11/2023    | 07.14.23 Permit Submittal |
| M5.1        | MECHANICAL AIR SIDE DIAGRAMS  | 7/11/2023    | 07.14.23 Permit Submittal |
| M5.2        | MECHANICAL PIPING AND WIRING DIAGRAMS   | 7/11/2023    | 07.14.23 Permit Submittal |
| M5.3        | MECHANICAL PIPING AND WIRING DIAGRAMS   | 7/11/2023    | 07.14.23 Permit Submittal |
| M6.1        | MECHANICAL DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| M6.2        | MECHANICAL DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| M6.3        | MECHANICAL DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| M7.1        | MECHANICAL SCHEDULES  | 7/11/2023    | 07.14.23 Permit Submittal |
| M7.2        | MECHANICAL SCHEDULES  | 7/11/2023    | 07.14.23 Permit Submittal |
| M7.3        | MECHANICAL SCHEDULES  | 7/11/2023    | 07.14.23 Permit Submittal |
| M8.1        | MECHANICAL CONTROLS   | 7/11/2023    | 07.14.23 Permit Submittal |
| M8.2        | MECHANICAL CONTROLS AIR HANDLING UNIT   | 7/11/2023    | 07.14.23 Permit Submittal |
| M8.3        | MECHANICAL CONTROLS HOT WATER BOILER AND VARIABLE REFRIGERANT FLOW CONDENSING UNITS | 7/11/2023    | 07.14.23 Permit Submittal |
| M8.4        | MECHANICAL CONTROLS VARIABLE AIR VOLUME BOX   | 7/11/2023    | 07.14.23 Permit Submittal |
| M8.5        | MECHANICAL CONTROLS - TERMINAL UNITS  | 7/11/2023    | 07.14.23 Permit Submittal |
| P0.1        | PLUMBING  | 7/11/2023    | 07.14.23 Permit Submittal |
| P1.1.1      | PLUMBING SITE PLAN  | 7/11/2023    | 07.14.23 Permit Submittal |
| P2.1.1.A    | LEVEL 1 PLUMBING PLAN ENLARGED - AREA A   | 7/11/2023    | 07.14.23 Permit Submittal |
| P2.1.1.B    | LEVEL 1 PLUMBING PLAN ENLARGED - AREA B   | 7/11/2023    | 07.14.23 Permit Submittal |
| P2.1.2.A    | LEVEL 2 PLUMBING PLAN ENLARGED - AREA A   | 7/11/2023    | 07.14.23 Permit Submittal |
| P2.1.2.B    | LEVEL 2 PLUMBING PLAN ENLARGED - AREA B   | 7/11/2023    | 07.14.23 Permit Submittal |
| P2.1.3.A    | LEVEL 3 PLUMBING PLAN ENLARGED - AREA A   | 7/11/2023    | 07.14.23 Permit Submittal |
| P2.1.3.B    | LEVEL 3 PLUMBING PLAN ENLARGED - AREA B   | 7/11/2023    | 07.14.23 Permit Submittal |
| P2.2.1      | PLUMBING ROOF PLAN  | 7/11/2023    | 07.14.23 Permit Submittal |
| P5.1.1      | PLUMBING DIAGRAMS - BELOW GRADE WASTE & VENT  | 7/11/2023    | 07.14.23 Permit Submittal |
| P5.1.2      | PLUMBING DIAGRAMS - WASTE & VENT  | 7/11/2023    | 07.14.23 Permit Submittal |
| P5.1.3      | PLUMBING DIAGRAMS - STORM DRAIN   | 7/11/2023    | 07.14.23 Permit Submittal |
| P5.1.4      | PLUMBING DIAGRAMS - DOMESTIC WATER  | 7/11/2023    | 07.14.23 Permit Submittal |
| P6.1.1      | PLUMBING DETAILS  | 7/11/2023    | 07.14.23 Permit Submittal |
| P7.1.1      | PLUMBING SCHEDULES  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.00       | Table of Contents   | 7/11/2023    | 07.14.23 Permit Submittal |



| Drawing No. | Drawing Title                              | Drawing Date | Set Name                  |
|-------------|--|--------------|---------------------------|
| WF.01       | Introduction / Typography & Color          | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.02       | Site Exterior Wayfinding Location Plan     | 7/11/2023    | 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                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.09       | Copy list                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.10       | Copy list                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.11       | Copy list                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.12       | Copy list                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.13       | Table of Contents                          | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.14       | Introduction / Typography & Color          | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.15       | Floor 1 SLP Wayfinding                     | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.16       | Floor 1 SLP Identification                 | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.17       | Floor 1 SLP Informational                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.18       | Floor 1, & WELLNESS GARDEN SLP Regulatory  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.19       | Floor 2 SLP Wayfinding                     | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.20       | Floor 2 SLP Identification                 | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.21       | Floor 2 SLP Informational                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.22       | Floor 2 SLP Regulatory                     | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.23       | Floor 3 SLP Wayfinding                     | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.24       | Floor 3 SLP Identification                 | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.25       | Floor 3 SLP Informational                  | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.26       | Floor 3 SLP Regulatory                     | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.27       | Roof SLP Regulatory                        | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.28       | Signage Visual Hierarchy - Interior        | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.29       | Signage Visual Hierarchy - Interior        | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.30       | Signage Visual Hierarchy - Interior        | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.31       | Signage Visual Hierarchy - Interior        | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.32       | Signage Visual Hierarchy - Interior        | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.33       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.34       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.35       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.36       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.37       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.38       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.39       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.40       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.41       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.42       | INTERIOR - Construction Drawings           | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.43       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.44       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.45       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.46       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.47       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.48       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.49       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.50       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.51       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.52       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.53       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.54       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.55       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.56       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.57       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.58       | Sign Summary & Copy list                   | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.59       | Placement Elevations                       | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.60       | Placement Elevations                       | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.61       | Placement Elevations                       | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.62       | Placement Elevations                       | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.63       | Placement Elevations                       | 7/11/2023    | 07.14.23 Permit Submittal |
| WF.64       | Placement Elevations                       | 7/11/2023    | 07.14.23 Permit Submittal |
| S1.1.0      | COVER SHEET                                | 7/11/2023    | 07.14.23 Permit Submittal |
| S1.1.1      | GENERAL NOTES                              | 7/11/2023    | 07.14.23 Permit Submittal |
| S1.1.2      | GENERAL NOTES                              | 7/11/2023    | 07.14.23 Permit Submittal |
| S1.1.3      | STRUCTURAL SPECIAL INSPECTIONS AND TESTING | 7/11/2023    | 07.14.23 Permit Submittal |
| S1.1.4      | PLAN NOTES                                 | 7/11/2023    | 07.14.23 Permit Submittal |

| Drawing No. | Drawing Title                                   | Drawing Date | Set Name                  |
|-------------|---|--------------|---------------------------|
| S2.1.1      | FOUNDATION PLAN - OVERALL                       | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.1A     | FOUNDATION PLAN - ZONE A                        | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.1B     | FOUNDATION PLAN - ZONE B                        | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.2      | LEVEL 2 FRAMING PLAN - OVERALL                  | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.2A     | LEVEL 2 FRAMING PLAN - ZONE A                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.2B     | LEVEL 2 FRAMING PLAN - ZONE B                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.3      | LEVEL 3 FRAMING PLAN - OVERALL                  | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.3A     | LEVEL 3 FRAMING PLAN - ZONE A                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.1.3B     | LEVEL 3 FRAMING PLAN - ZONE B                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.2.1      | ROOF FRAMING PLAN - OVERALL                     | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.2.1A     | ROOF FRAMING PLAN - ZONE A                      | 7/11/2023    | 07.14.23 Permit Submittal |
| S2.2.1B     | ROOF FRAMING PLAN - ZONE B                      | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.1.1      | BUILDING SECTIONS                               | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.2.1      | FOUNDATION SECTIONS                             | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.3.1      | FLOOR SECTIONS                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.3.2      | FLOOR SECTIONS                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.3.3      | TERRACE AND LOW ROOF SECTIONS                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.3.4      | FLOOR SECTIONS                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.3.5      | FLOOR SECTIONS                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.4.1      | ROOF SECTIONS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S3.4.2      | ROOF SECTIONS                                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S4.1.1      | COLUMN SCHEDULE                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| S4.2.1      | BRACED FRAME ELEVATIONS                         | 7/11/2023    | 07.14.23 Permit Submittal |
| S4.2.2      | BRACED FRAME ELEVATIONS                         | 7/11/2023    | 07.14.23 Permit Submittal |
| S4.3.1      | BRBF DETAILS                                    | 7/11/2023    | 07.14.23 Permit Submittal |
| S4.3.2      | BRBF DETAILS                                    | 7/11/2023    | 07.14.23 Permit Submittal |
| S4.4.1      | ELEVATIONS                                      | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.1.1      | TYPICAL FOUNDATION DETAILS                      | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.1.2      | TYPICAL FOUNDATION DETAILS                      | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.2.1      | TYPICAL CONCRETE DETAILS                        | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.3.1      | TYPICAL STEEL DETAILS                           | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.3.2      | STEEL ASSEMBLIES                                | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.3.3      | STEEL ASSEMBLIES                                | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.4.1      | TYPICAL CROSS-LAMINATED TIMBER DETAILS          | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.5.1      | TYPICAL GLUE-LAMINATED TIMBER DETAILS           | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.5.2      | TYPICAL GLUE-LAMINATED TIMBER DETAILS           | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.5.3      | GLUE-LAMINATED TIMBER DETAILS                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.5.4      | GLUE-LAMINATED TIMBER DETAILS                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.6.1      | EXTERIOR DETAILS                                | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.6.2      | EXTERIOR DETAILS                                | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.7.1      | EQUIPMENT ANCHORAGE                             | 7/11/2023    | 07.14.23 Permit Submittal |
| S5.7.2      | EQUIPMENT ANCHORAGE                             | 7/11/2023    | 07.14.23 Permit Submittal |
| S6.1.1      | TYPICAL METAL STUD EXTERIOR DETAILS             | 7/11/2023    | 07.14.23 Permit Submittal |
| S6.1.2      | TYPICAL METAL STUD INTERIOR DETAILS             | 7/11/2023    | 07.14.23 Permit Submittal |
| S6.1.3      | TYPICAL METAL STUD COMMON DETAILS               | 7/11/2023    | 07.14.23 Permit Submittal |
| S6.1.4      | METAL STUD DETAILS                              | 7/11/2023    | 07.14.23 Permit Submittal |
| S7.0.1      | WEST STAIR FRAMING PLANS                        | 7/11/2023    | 07.14.23 Permit Submittal |
| S7.0.2      | WEST STAIR SECTIONS                             | 7/11/2023    | 07.14.23 Permit Submittal |
| S7.1.1      | EAST STAIR FRAMING PLANS                        | 7/11/2023    | 07.14.23 Permit Submittal |
| S7.1.2      | EAST STAIR SECTIONS                             | 7/11/2023    | 07.14.23 Permit Submittal |
| S7.1.3      | EAST STAIR DETAILS & SECTIONS                   | 7/11/2023    | 07.14.23 Permit Submittal |
| S7.3.1      | ELEVATOR PLANS                                  | 7/11/2023    | 07.14.23 Permit Submittal |
| S7.3.2      | ELEVATOR SECTIONS                               | 7/11/2023    | 07.14.23 Permit Submittal |
| S8.0.1      | ROOFTOP EQUIPMENT PARTIAL PLANS AND DETAILS     | 7/11/2023    | 07.14.23 Permit Submittal |
| S8.0.2      | PARTIAL PLANS AND DETAILS                       | 7/11/2023    | 07.14.23 Permit Submittal |
| T0.00       | TECHNOLOGY SYMBOLS                              | 7/11/2023    | 07.14.23 Permit Submittal |
| T0.01       | TECHNOLOGY SYMBOLS                              | 7/11/2023    | 07.14.23 Permit Submittal |
| T0.02       | SYSTEM DIAGRAMS                                 | 7/11/2023    | 07.14.23 Permit Submittal |
| T0.03       | PUBLIC ADDRESS/NURSE CALL SYSTEM RISER DIAGRAM  | 7/11/2023    | 07.14.23 Permit Submittal |
| T0.04       | TECHNOLOGY DETAILS                              | 7/11/2023    | 07.14.23 Permit Submittal |
| T1.1.1      | TECHNOLOGY SITE PLAN - OVERALL                  | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.1      | TECHNOLOGY LEVEL 1 FLOOR PLAN OVERALL           | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.1A     | TECHNOLOGY LEVEL 1 FLOOR PLAN ENLARGED - AREA A | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.1B     | TECHNOLOGY LEVEL 1 FLOOR PLAN ENLARGED - AREA B | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.2      | TECHNOLOGY LEVEL 2 FLOOR PLAN OVERALL           | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.2A     | TECHNOLOGY LEVEL 2 FLOOR PLAN ENLARGED - AREA A | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.2B     | TECHNOLOGY LEVEL 2 FLOOR PLAN ENLARGED - AREA B | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.3      | TECHNOLOGY LEVEL 3 FLOOR PLAN OVERALL           | 7/11/2023    | 07.14.23 Permit Submittal |
| T2.1.3A     | TECHNOLOGY LEVEL 3 FLOOR PLAN ENLARGED - AREA A | 7/11/2023    | 07.14.23 Permit Submittal |

| <b>Drawing No.</b> | <b>Drawing Title</b>                            | <b>Drawing Date</b> | <b>Set Name</b>           |
|--------------------|---|---------------------|---------------------------|
| T2.1.3B            | TECHNOLOGY LEVEL 3 FLOOR PLAN ENLARGED - AREA B | 7/11/2023           | 07.14.23 Permit Submittal |
| T2.2.1             | TECHNOLOGY ROOF PLAN - OVERALL                  | 7/11/2023           | 07.14.23 Permit Submittal |

# SPECIFICATION LOG - County of San Mateo SSF Wellness Center

| Number   | Description                                  | Issued Date | Set                           |
|----------|--|-------------|-------------------------------|
| 110      | Table of Contents                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 01 1000  | SUMMARY                                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 01 3573  | DELEGATED DESIGN REQUIREMENTS AND PROCEDURES | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 01 7419  | CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 01 8113  | Sustainable Design Requirements              | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 02 41 13 | DEMOLITION                                   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 03 30 10 | SITE CAST-IN-PLACE CONCRETE                  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 03 35 10 | CONCRETE PAVING FINISHES                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 03 2100  | REINFORCING STEEL                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 03 3000  | CAST-IN-PLACE CONCRETE                       | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 03 3546  | SEALED CONCRETE FINISHING                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 04 2200  | CONCRETE UNIT MASONRY                        | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 1225  | BUCKLING-RESTRAINED BRACES                   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 3000  | METAL DECKING                                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 4000  | COLD-FORMED METAL FRAMING                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 5000  | METAL FABRICATIONS                           | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 5100  | METAL STAIRS                                 | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 5213  | PIPE AND TUBE RAILINGS                       | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 7300  | DECORATIVE METAL RAILINGS                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 05 7500  | DECORATIVE FORMED METAL                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 1000  | ROUGH CARPENTRY                              | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 1543  | CROSS LAMINATED TIMBER PANELS                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 1600  | SHEATHING                                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 1800  | GLUED LAMINATED CONSTRUCTION                 | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 2023  | INTERIOR FINISH CARPENTRY                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 4113  | WOOD-VENEER-FACED ARCHITECTURAL CABINETS     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 4116  | PLASTIC-LAMINATE-CLAD ARCHITECTURAL CABINETS | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 06 4200  | FLUSH WOOD PANELING                          | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 1113  | BITUMINOUS DAMPPROOFING                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 1326  | SHEET WATERPROOFING                          | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 1800  | COLD LIQUID APPLIED WATERPROOFING SYSTEM     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 2100  | THERMAL INSULATION                           | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 2726  | FLUID-APPLIED MEMBRANE AIR BARRIERS          | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 4213  | Metal Wall Panels                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 4229  | LAMINATE COMPOSITE PANEL SYSTEM              | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 4646  | FIBER-CEMENT SIDING                          | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 5419  | POLYVINYL-CHLORIDE (PVC) ROOFING             | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 6200  | SHEET METAL FLASHING AND TRIM                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 7200  | ROOF ACCESSORIES                             | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 8123  | INTUMESCENT FIREPROOFING                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 8413  | PENETRATION FIRESTOPPING                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 8443  | JOINT FIRESTOPPING                           | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 9200  | JOINT SEALANTS                               | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 07 9219  | ACOUSTICAL JOINT SEALANTS                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 1113  | HOLLOW METAL DOORS AND FRAMES                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 1216  | INTERIOR ALUMINUM DOOR FRAMES                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 1219  | Stainless-Steel Frames                       | 7/11/2023   | 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              | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 3473  | Sound Control Door Assemblies                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 3616  | Single-Panel Doors                           | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 4126  | 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 |
| 08 4413  | GLAZED ALUMINUM CURTAIN WALLS                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |

| Number  | Description  | Issued Date | Set                           |
|---------|--|-------------|-------------------------------|
| 08 4422 | GLAZED TIMBER CURTAIN WALLS                                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 7100 | DOOR HARDWARE  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 8000 | GLAZING  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 8113 | DECORATIVE GLASS GLAZING   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 08 8813 | FIRE-RESISTANT GLAZING AND FRAMING                               | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 2116 | Gypsum Board Assemblies  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 2216 | NON-STRUCTURAL METAL FRAMING                                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 2900 | GYPSUM BOARD   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 3013 | TILING   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 5100 | SUSPENDED CEILINGS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 6513 | RESILIENT BASE AND ACCESSORIES                                   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 6516 | RESILIENT SHEET FLOORING   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 6543 | LINOLEUM FLOORING  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 6813 | TILE CARPETING   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 09 6900 | ACCESS FLOORING  | 7/11/2023   | 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 |
| 10 2123 | CUBICLE CURTAINS AND TRACK                                       | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 2239 | FOLDING PANEL PARTITIONS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 2600 | WALL AND DOOR PROTECTION   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 2800 | TOILET AND BATH ACCESSORIES                                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 4413 | FIRE PROTECTION CABINETS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 4416 | FIRE EXTINGUISHERS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 5126 | PHENOLIC-CORE LOCKERS  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 8113 | BIRD CONTROL DEVICES   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 10 8213 | ROOF SCREENS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 11 2429 | FACILITY FALL PROTECTION   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 11 7000 | Healthcare Equipment   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 12 2413 | ROLLER WINDOW SHADES   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 12 3216 | MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 12 3661 | Simulated Stone Countertops                                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 12 4816 | ENTRANCE FLOOR GRILLES   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 12 9313 | BIKE STORAGE SYSTEM  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 13 4900 | RADIATION PROTECTION   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 14 2123 | Electric Traction Passenger Elevators                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 21 1200 | FIRE-SUPPRESSION STANDPIPES                                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 21 1313 | WET-PIPE SPRINKLER SYSTEMS                                       | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 0513 | COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT                 | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 0516 | EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING                 | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 0517 | SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 0518 | ESCUTCHEONS FOR PLUMBING PIPING                                  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 0519 | METERS AND GAGES FOR PLUMBING PIPING                             | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 0523 | 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 |
| 22 1119 | DOMESTIC WATER PIPING SPECIALTIES                                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 1123 | DOMESTIC WATER PUMPS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 1216 | FACILITY ELEVATED, POTABLE-WATER STORAGE TANKS                   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |

| Number  | Description  | Issued Date | Set                           |
|---------|--|-------------|-------------------------------|
| 22 1316 | SANITARY WASTE AND VENT PIPING                               | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 1317 | PLUMBING PIPING  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 1319 | SANITARY WASTE PIPING SPECIALTIES                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 1413 | FACILITY STORM DRAINAGE PIPING                               | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 1423 | STORM DRAINAGE PIPING SPECIALTIES                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 3300 | ELECTRIC, DOMESTIC-WATER HEATERS                             | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 4213 | Commercial Water Closets, Urinals, and Bidets                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 4216 | Commercial Lavatories and Sinks                              | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 4223 | COMMERCIAL SHOWERS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 4500 | EMERGENCY PLUMBING FIXTURES                                  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 22 4713 | DRINKING FOUNTAINS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0513 | COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT                 | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0516 | EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING                 | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0517 | SLEEVES AND SLEEVE SEALS FOR HVAC PIPING                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0518 | ESCUTCHEONS FOR HVAC PIPING                                  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0519 | METERS AND GAGES FOR HVAC PIPING                             | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0523 | General-Duty Valves for HVAC Piping                          | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0529 | HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT           | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 0548 | 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                                  | 7/11/2023   | 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 |
| 23 2513 | WATER TREATMENT FOR CLOSED-LOOP HYDRONIC SYSTEMS             | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 3113 | METAL DUCTS  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 3300 | AIR DUCT ACCESSORIES   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 3416 | CENTRIFUGAL HVAC FANS  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 3600 | AIR TERMINAL UNITS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 3713 | DIFFUSERS, REGISTERS, AND GRILLES                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 3723 | HVAC GRAVITY VENTILATORS                                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 5213 | ELECTRIC BOILERS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 8126 | SPLIT-SYSTEM AIR-CONDITIONERS                                | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 23 8129 | VARIABLE REFRIGERANT FLOW HVAC SYSTEMS                       | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0500 | COMMON WORK RESULTS FOR ELECTRICAL                           | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0519 | LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES           | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0526 | GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS                 | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0529 | HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS                  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0533 | RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0543 | UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS        | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0544 | SLEEVES AND SLEEVE SEALS FOR ELECTRICAL RACEWAYS AND CABLING | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0548 | Vibration and Seismic Controls for Electrical Systems        | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0553 | IDENTIFICATION FOR ELECTRICAL SYSTEMS                        | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0573 | POWER DISTRIBUTION SYSTEM STUDIES                            | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0800 | COMMISSIONING OF ELECTRICAL SYSTEMS                          | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0923 | LIGHTING CONTROL DEVICES                                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 0943 | NETWORK LIGHTING CONTROLS                                    | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 2200 | LOW-VOLTAGE TRANSFORMERS                                     | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 26 2413 | SWITCHBOARDS   | 7/11/2023   | 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   | 7/11/2023   | 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                                     | 7/11/2023   | 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   | 7/11/2023   | 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 |
| 32 12 00 | 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 |
| 320190   | LANDSCAPE MAINTENANCE                                      | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 321313   | Concrete Paving  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 321500   | AGGREGATE SURFACING  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 323300   | SITE FURNISHINGS   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 328400   | PLANTING IRRIGATION  | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 329113   | SOIL PREPARATION   | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 329300   | TREES, SHRUBS, ORNAMENTAL GRASSES AND GROUND COVER         | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 329400   | PLANTING ACCESSORIES                                       | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 33 10 00 | SITE WATER DISTRIBUTION PIPING                             | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 33 30 00 | SANITARY SEWER DISTRIBUTION PIPING                         | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |
| 33 40 00 | STORM UTILITY DRAINAGE PIPING                              | 7/11/2023   | 7/14/23 SPEC PERMIT SUBMITTAL |

**PRE-BID REQUEST FOR INFORMATION (RFI) LOG**

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

**July 24, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc)                     | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR)   | DATE RESPONSE RECEIVED | RESPONSE  | OPEN/<br>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.  | <b>XL Construction, Alysha Fuchino</b> | 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.  | <b>CLOSED</b>   |
| PB-003  | As Builts   | Are there any as-builts of the building?   | <b>XL Construction, David Barron</b>   | July 17, 2023          | There are no as-builts to share.  | <b>CLOSED</b>   |
| PB-004  | Exhibit C.3   | 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.  | <b>XL Construction, Phill Guymer</b>   | July 20, 2023          | Drywall Subcontractor to supply & install all mullion covers as detailed on A9.9.2  | <b>CLOSED</b>   |
| 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.  | <b>XL Construction, Terry Wong</b>     | July 19, 2023          | SG (MC): the DesignTeam is currently working on it.<br>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. | <b>CLOSED</b>   |
| PB-006  | Estimate Breakouts  | Prime Electric - Could you please provide any breakdowns you are looking for so we can set up Accubid accordingly?   | <b>XL Construction, Alysha Fuchino</b> | July 14, 2023          | Follow Exhibit L. bid form breakdown For reference, please provide lumpsum costs for the 1) Office Area and 2) Medical Area (Level 1).  | <b>CLOSED</b>   |
| PB-007  | Vestibule Sliders   | Please confirm if we are to include the interior vestibule sliders #1001.2 & 1401.2 in the Exterior Façade bid package.  | <b>XL Construction, Phill Guymer</b>   | July 20, 2023          | Exterior Façade bidders to include the interior vestibule sliders   | <b>CLOSED</b>   |
| 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.   | <b>XL Construction, Phill Guymer</b>   | 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.    | <b>CLOSED</b>   |
| PB-009  | RFI - Laminate 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.   | <b>XL Construction, Phill Guymer</b>   | July 20, 2023          | This scope of work is to be included in the exterior façade bid package.  | <b>CLOSED</b>   |
| PB-010  | Specification Section 22                                    | <p>1.Drawing M3.4</p> <ul style="list-style-type: none"> <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> </ul> <p>2.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.</p> <p>3.Please confirm hangers for underground piping are not required.</p> <p>4.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.</p> <p>5.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.</p> <p>6.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.</p> <p>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</p> | <b>XL Construction, Alysha Fuchino</b> | July 14, 2023          | Exclude platforms and covers from MEP scope of work.  | <b>CLOSED</b>   |



## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 24, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc) | DESCRIPTION   | RESPONSE BY<br>(Smith Group/XL/SEOR)   | DATE RESPONSE<br>RECEIVED | RESPONSE   | OPEN/<br>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.  | <b>XL Construction, Alysha Fuchino</b> | 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.  | <b>CLOSED</b>   |
| 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.   | <b>XL Construction, Alysha Fuchino</b> | July 14, 2023             | Exclude this from the MEP scope .Tree well drains to be included in Civil or Landscpae scope of work.  | <b>CLOSED</b>   |
| PB-016  | Plumbing Connections to Equipment       | 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 not shown. Please confirm if Plumbing scope is to provide rough-in and final connection to this equipment even if it is not shown on the drawings. | <b>XL Construction, Alysha Fuchino</b> | July 14, 2023             | Confirmed. Plumbing trade partner is responsible for this. Refer to Exhibit C. Provide scope as an add alternate.  | <b>CLOSED</b>   |
| PB-019  | 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"<br>Is the PPA author responsible for the PV installation complete turnkey or is this SOW to be engineered, provided, and installed by the EC?<br>Are they any other PV specific PV design doc's avail?   | <b>SmithGroup</b>                      | July 19, 2023             | 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).<br>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.<br>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 per bid form and current drawings.   | <b>CLOSED</b>   |
| PB-037  | General                                 | General - please confirm all makeup water, condensate and drain piping is by plumbing contractor.   | <b>XL Construction, Alysha Fuchino</b> | July 18, 2023             | Condensate drain and make-up water piping shall be provided by plumbing contractor.  | <b>CLOSED</b>   |
| PB-039  | General                                 | Materials - please confirm buy-America act does not apply to this project.  | <b>XL Construction, Alysha Fuchino</b> | July 18, 2023             | No, it does not apply on this project.   | <b>CLOSED</b>   |
| PB-040  | 1.III                                   | 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 with being a quality P/S trade partner?  | <b>XL Construction, Alysha Fuchino</b> | July 18, 2023             | Under the Design, Engineering, and Preconstruction section of the bid form (orange), teams are expected to incorporate the following:<br>1. Review of Engineering<br>2. Constructability Reviews<br>3. BIM/Coordination Modeling<br>4. (80) hours of time to support Early Procurement<br>5. Additional hours required to support project pre-construction (It is expected that Trade Partners will clarify any additional support they have allocated dollars for)<br><br>Construction Bid will include detailing hours to support prefabrication (per Exhibit C) and Field Management. Field Management includes any project management throughout the duration of construction (this includes submittals, change management, etc.). | <b>CLOSED</b>   |

**PRE-BID REQUEST FOR INFORMATION (RFI) LOG**

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

**July 24, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc)    | DESCRIPTION   | RESPONSE BY<br>(Smith Group/XL/SEOR)         | DATE RESPONSE RECEIVED | RESPONSE  | OPEN/<br>CLOSED |
|---------|--|---|--|------------------------|---|-----------------|
| PB-042  | 3.1.4                                      | 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)?  | <b>XL Construction, Alysha Fuchino</b>       | July 18, 2023          | Please provide your bid in today's dollars for material and equipment.<br><br>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.<br><br>However, teams shall include labor escalation in their price for the duration of this project. | <b>CLOSED</b>   |
| 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.  | <b>XL Construction, Alysha Fuchino</b>       | July 18, 2023          | Include 1-year warranty in base pricing. Provide add alternate for 5-year warranty.   | <b>CLOSED</b>   |
| PB-045  | 3.1.27                                     | What mechanical mock-ups are anticipated for this project?  | <b>XL Construction, David Barron</b>         | July 20, 2023          | No mechanical mock up required.   | <b>CLOSED</b>   |
| PB-051  | 23 3113<br>Section 3.2, F                  | Painting the duct sealer. Please confirm this shall be by the painting trade partner (not by mechanical).   | <b>XL Construction, Alysha Fuchino</b>       | July 18, 2023          | Painting/Finishes will be by others and not provided by MEP. MEP teams can exclude.   | <b>CLOSED</b>   |
| 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.  | <b>SmithGroup</b>                            | July 19, 2023          | SG (MC +EEOR): Exit sign only.  | <b>CLOSED</b>   |
| 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?  | <b>XL Construction, Alysha F/Kartikeya D</b> | 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 holistic price package.   | <b>CLOSED</b>   |
| PB-057  | PV System & Battery Size                   | 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.<br><br>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 battery? | <b>SmithGroup</b>                            | July 19, 2023          |   | <b>OPEN</b>     |
| PB-065  | Mock-ups                                   | What mock-ups does XL Construction expect for this project?   | <b>SmithGroup</b>                            | July 19, 2023          | SG (MC) The design Team is working a mock up to be coordinated with XL. Refer to specification for more information regarding Mock ups.<br><br>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.   | <b>CLOSED</b>   |
| PB-066  | EV Chargers                                | What is the EV Charging scope?  | <b>XL Construction, Alysha Fuchino</b>       | 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).  | <b>CLOSED</b>   |
| PB-068  | Fire Proofing - Electrical                 | Electrical to provide their own fire proofing for electrical equipments 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.<br><br>This is from PDF Page 288 of the specifications 07 8413-2   | <b>XL Construction, Alysha Fuchino</b>       | July 20, 2023          | Electrical to assume they are providing their your own Fireproofing   | <b>CLOSED</b>   |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 24, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc) | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR) | DATE RESPONSE<br>RECEIVED | RESPONSE  | OPEN/<br>CLOSED |
|---------|---|--|--------------------------------------|---------------------------|---|-----------------|
| PB-069  | Bid Document                            | It appears that we are missing the following items.<br>•SMWC Demo Set<br>•Hazardous Materials Report- Probation Building<br>•LEED Checklist v4<br>•Geotechnical Report   | <b>XL Construction, Terry Wong</b>   | July 21, 2023             | "Documents have been uploaded to BuildingConnected."                      | <b>CLOSED</b>   |
| PB-001  | Bid Document                            | Liquidated Damages - Please confirm liquidated matrix applicable to project.   | <b>XL Construction, Terry Wong</b>   |                           |   | OPEN            |
| 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.  | <b>SmithGroup</b>                    |                           |   | OPEN            |
| PB-012  | Underground                             | Please confirm hangers for underground piping are not required.  | <b>SmithGroup</b>                    |                           |   | OPEN            |
| 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.  | <b>SmithGroup</b>                    |                           |   | OPEN            |
| 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?   | <b>XL Construction, Terry Wong</b>   | July 19, 2023             | SG (MC): Yes. Revit files can be found on BIM-360. XL has access to these | OPEN            |
| 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 ?<br>If completed, pls post design doc's or provide direction if this SOW is to be included.   | <b>SmithGroup</b>                    |                           |   | OPEN            |
| PB-020  | Fire Pump Requirement                   | Pls confirm there is NO fire pump required for the project.  | <b>SmithGroup</b>                    |                           | 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.   | <b>XL Construction, Terry Wong</b>   |                           |   | OPEN            |
| 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.  | <b>XL Construction, Terry Wong</b>   |                           |   | OPEN            |
| 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.   | <b>XL Construction, Terry Wong</b>   |                           |   | OPEN            |
| 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.   | <b>SmithGroup</b>                    |                           |   | OPEN            |
| 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.  | <b>SmithGroup</b>                    |                           |   | OPEN            |
| 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). | <b>SmithGroup</b>                    |                           |   | OPEN            |
| 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.  | <b>SmithGroup</b>                    |                           |   | OPEN            |
| PB-028  | M7.1                                    | The HHW pump schedule calls for 2" deflection vibration 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.  | <b>SmithGroup</b>                    |                           |   | OPEN            |
| 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.   | <b>SmithGroup</b>                    |                           |   | OPEN            |
| PB-030  | M7.3                                    | Room Pressurization schedule - Please confirm no magnehelic 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.   | <b>SmithGroup</b>                    |                           |   | OPEN            |
| PB-031  | M8.2                                    | Please clarify how OSA is being controlled for the AHUs.   | <b>SmithGroup</b>                    |                           |   | OPEN            |
| 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.   | <b>SmithGroup</b>                    |                           |   | OPEN            |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 24, 2023**

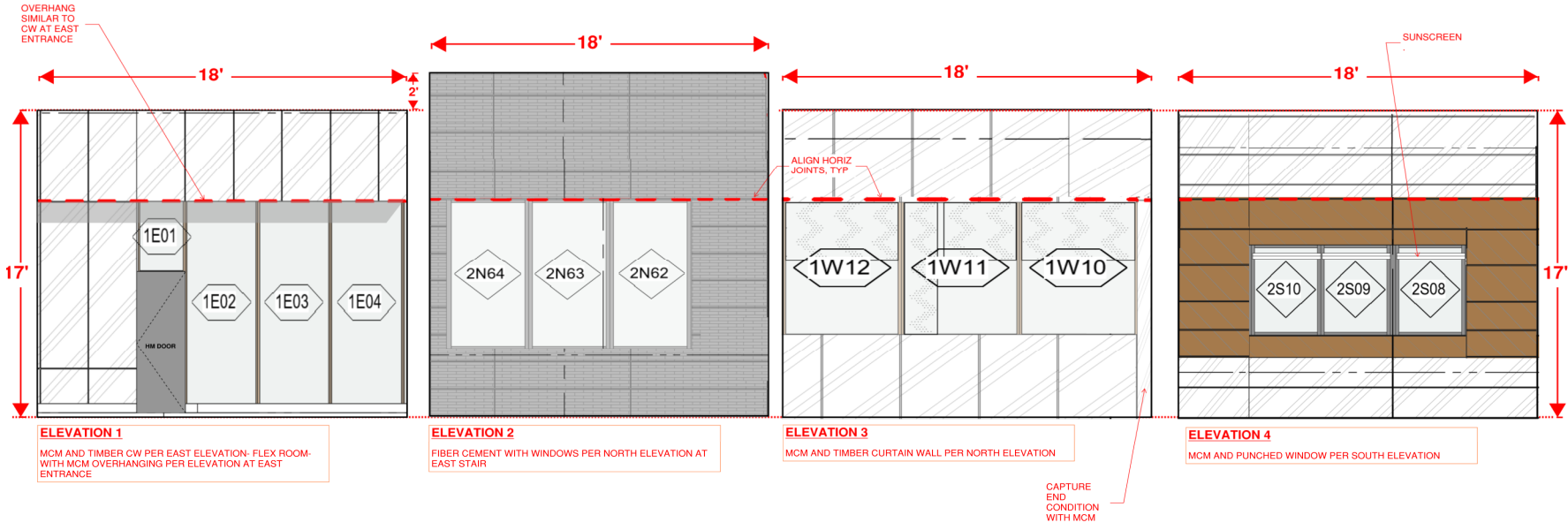
| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc)  | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR) | DATE RESPONSE<br>RECEIVED | RESPONSE | OPEN/<br>CLOSED |
|---------|--|--|--------------------------------------|---------------------------|----------|-----------------|
| PB-033  | M8.2   | We recommend the AHU return fan be controlled as a function of duct static pressure or building pressure. Please confirm this is acceptable.   | SmithGroup                           |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| PB-036  | M.4  | Please clarify control of exhaust VAVs, as this zone EAV points list/diagram is currently missing from M8.4.   | SmithGroup                           |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| PB-041  | 2.XIX.1  | Section 2 Project Requirements: Liquidated Damages - Please confirm the liquidated damages are \$xyz   | XL Construction, Terry Wong          |                           |          | OPEN            |
| PB-043  | 3.I.9  | Commissioning - has a CxA been selected by the county yet? If so, which company will be performing Cx?   | XL Construction, Terry Wong          |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| PB-047  | 23 3113<br>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                           |                           |          | OPEN            |
| PB-048  | 23 3113<br>Section 2.2, C 4 b  | Requires EOR sign-off to use TDC flanges. Please confirm TDC flanges are acceptable.   | SmithGroup                           |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| PB-050  | 23 3113<br>Section 3.1, I  | Wrapping the duct with angle at penetrations. Is this accurate?  | SmithGroup                           |                           |          | OPEN            |
| PB-052  | 23 0900<br>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 contradicting, as it states that plenum-rated cable is ok, but also references both sections 26 0500 and 27 1500 which requires conduit.  | SmithGroup                           |                           |          | OPEN            |
| 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        |                           |          | OPEN            |
| 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?   | SmithGroup                           |                           |          | OPEN            |
| PB-058  | AV Specifications  | Is there a plan to provide additional information for A/V? Specifications?   | SmithGroup                           |                           |          | OPEN            |
| PB-059  | Blue Phones  | Are Blue phones to be included in the parking lot?   | SmithGroup                           |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| PB-061  | Exhibit C.2 Rough-In for LV Mass Notification, 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. Please confirm.   | SmithGroup                           |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| 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                           |                           |          | OPEN            |
| PB-064  | 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 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                           |                           |          | OPEN            |

### PRE-BID REQUEST FOR INFORMATION (RFI) LOG

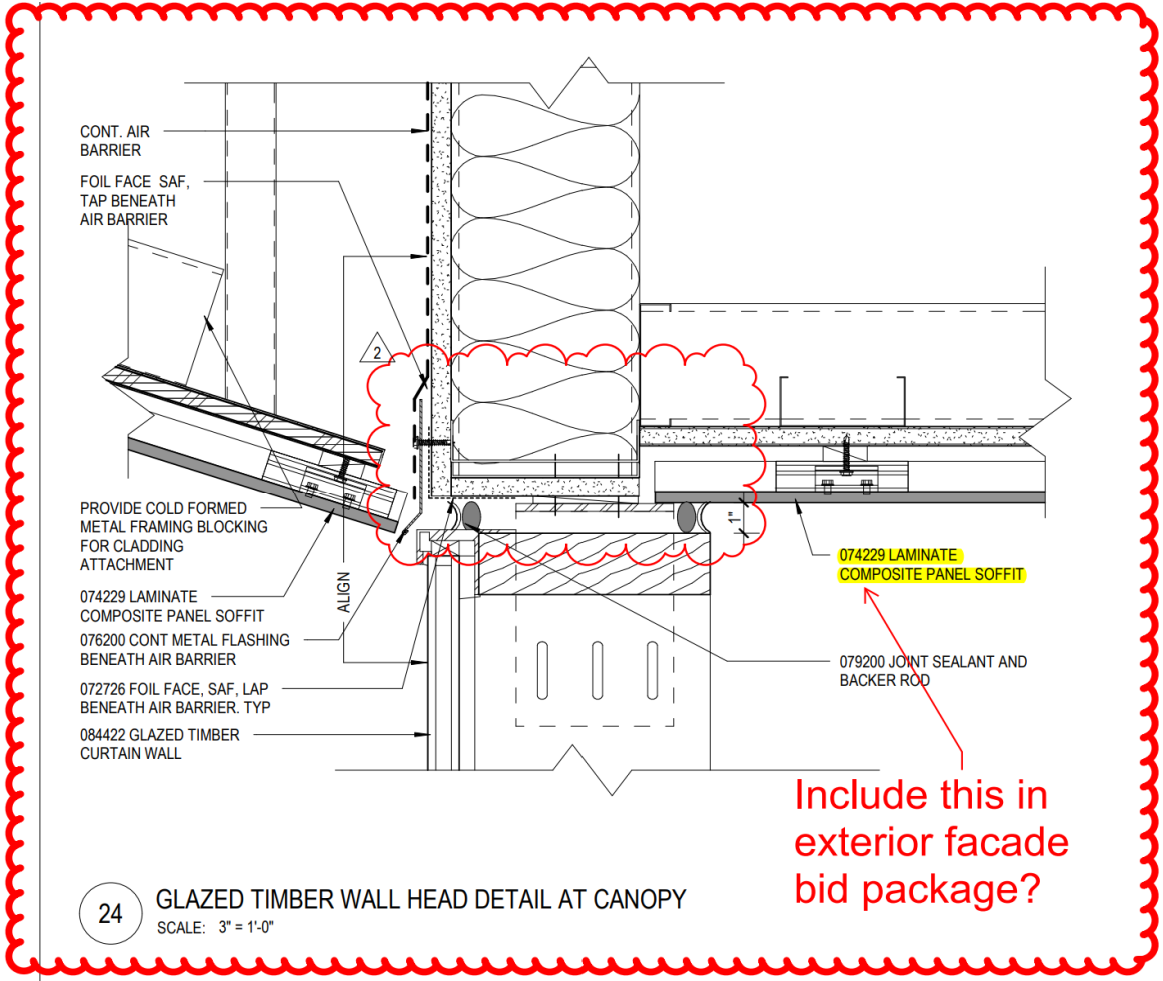
July 24, 2023

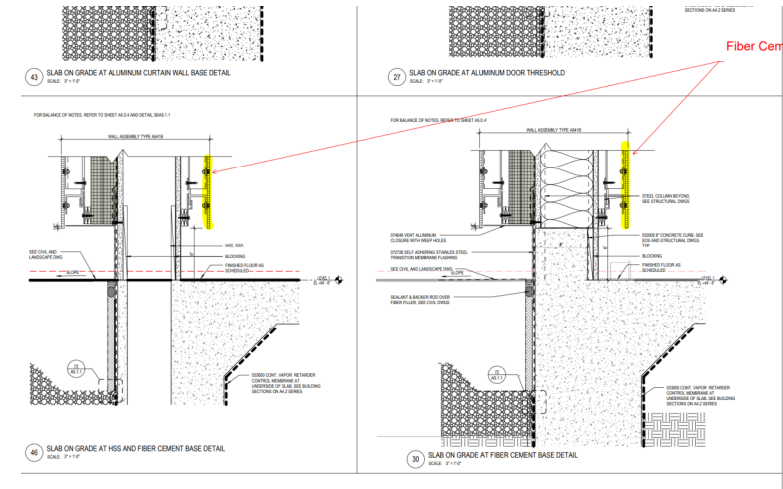
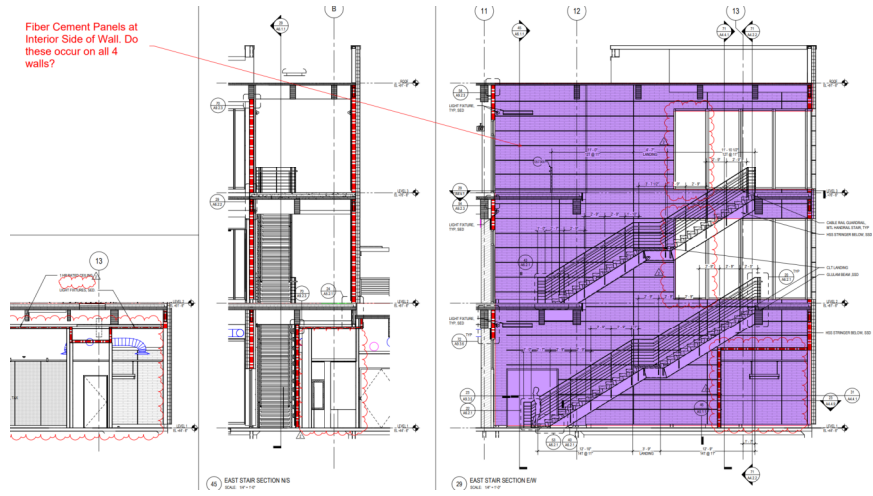
**PROJECT NAME:** County of San Mateo - Wellness Center  
**BID PACKAGE:** Bid Package #2  
**JOB NO.:** 4567

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc)                                 | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR) | DATE RESPONSE<br>RECEIVED | RESPONSE | OPEN/<br>CLOSED |
|---------|---|--|--------------------------------------|---------------------------|----------|-----------------|
| PB-067  | Elward System<br>Corporation- Metal<br>Composite Material Wall<br>Panel | 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 fabricator. I have attached a request for them to be added to the spec here. Please let me know if this will be possible. | <b>SmithGroup</b>                    |                           |          | OPEN            |

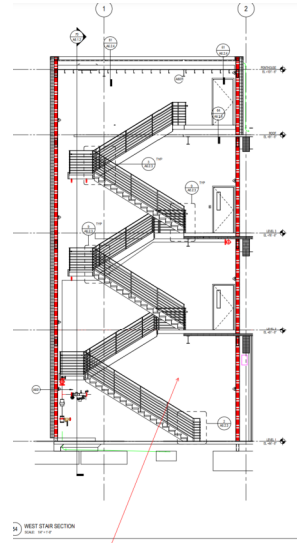


**SOUTH SAN FRANCISCO WELLNESS CENTER  
PRELIMINARY MOCK UP SKETCH  
NOT TO SCALE  
JULY 19, 2023  
SMITHGROUP**

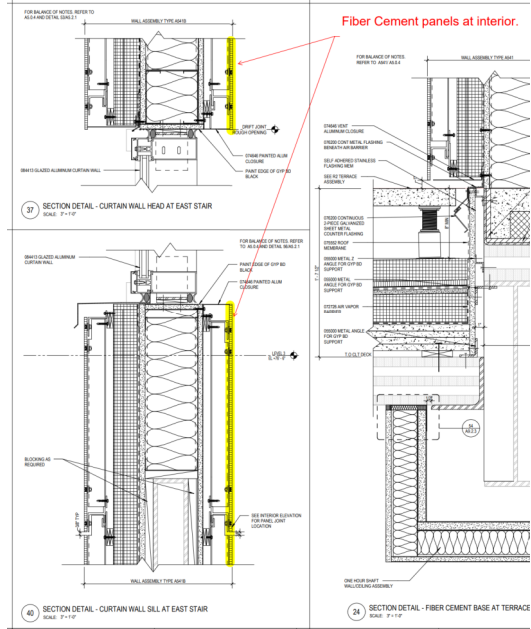




Fiber Cement panels at interior.



Fiber Cement panels not shown but details show panels. Please confirm if panels occur here.



Fiber Cement panels at interior.



## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 25, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc) | DESCRIPTION   | RESPONSE BY<br>(Smith Group/XL/SEOR) | RESPONSE  | OPEN/<br>CLOSED |
|---------|---|---|--------------------------------------|---|-----------------|
| PB-001  | Bid Document                            | Liquidated Damages - Please confirm liquidated matrix applicable to project.  | <b>XL Construction, Terry Wong</b>   | XL: Liquidated Damages apply. Please see master agreement for Liquidated 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. | <b>SmithGroup</b>                    | SG (Plumbing Eng)<br>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.   | <b>SmithGroup</b>                    | 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.   | <b>SmithGroup</b>                    | SG (Plumbing Eng)<br>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?  | <b>XL Construction, Terry Wong</b>   | 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 ?<br>If completed, pls post design doc's or provide direction if this SOW is to be included.  | <b>SmithGroup</b>                    | SG (EOR) Temp power design scope is typically by the GC.<br>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.   | <b>SmithGroup</b>                    | 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.  | <b>XL Construction, Terry Wong</b>   | XL: Scope to be by others (not by mechanical trade partner).<br>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.   | <b>XL Construction, Terry Wong</b>   | 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.  | <b>XL Construction, Terry Wong</b>   | 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.  | <b>SmithGroup</b>                    | SG (MEOR) Alternate supports can be acceptable pending review by engineer.  | Add #4          |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 25, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc) | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR) | RESPONSE  | OPEN/<br>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. | Add #4          |
| 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 vibration 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  | M7.3                                    | Room Pressurization schedule - Please confirm no magnehelic 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 damper to maintain required design outside air flow.                                  | Add #4          |
| 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.  | Add #4          |
| 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.  | 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          |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 25, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc) | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR) | RESPONSE  | OPEN/<br>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.                           | 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. | Add #4          |
| 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.I.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<br>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<br>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<br>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          |
| PB-052  | 23 0900<br>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?<br>Note: The controls spec is a little bit contradicting, 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'   | Add #4          |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 25, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc)  | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR) | RESPONSE  | OPEN/<br>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?   | SmithGroup                           | SG (MC) Per Structural Drawings the IDF room is a raised floor, see Sheet S1.1.4 for legend for floor paln shades   | Add #4          |
| PB-058  | AV Specifications  | Is there a plan to provide additional information for A/V? Specifications?   | SmithGroup                           | BlackBox (Technology Eng.)<br>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.  | Add #4          |
| PB-059  | Blue Phones  | Are Blue phones to be included in the parking lot?   | SmithGroup                           | BlackBox (Technology Eng.)<br>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 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          |
| PB-061  | Exhibit C.2 Rough-In for LV Mass Notification, 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. Please confirm.   | SmithGroup                           | SG (EEOR) + BlackBox (Technology Eng.)<br>What is this C.2? Are you saying these items aren't shown on the 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 sizes. Per 2021 meetings with the client, RFID, POS, Ambulance Radio, Patient Arrival and Time/Attendance were not part of LV 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          |
| PB-064  | 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 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          |
| PB-067  | Eldward System Corporation- Metal Composite Material Wall Panel                            | 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 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                           | SG (MC) Yes. We can add it to the spec  | Add #4          |
| PB-070  | Sheet A2.1.A   | 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 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          |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

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

**July 25, 2023**

| RFI Tag | Reference<br>(Drawing / Spec / Bid Doc) | DESCRIPTION  | RESPONSE BY<br>(Smith Group/XL/SEOR)   | RESPONSE   | OPEN/<br>CLOSED |
|---------|---|--|--|--|-----------------|
| PB-071  | Electrical                              | Please provide additional clarification for the following mandatory unit prices.<br>• Electrical for (1) new Elevator<br>o Should this include electrical feeder only?<br>o What additional scope (if any) should be included?<br>• Cost to add more conduit<br>o What size conduit? ¾" EMT<br>• Cost to add more cabling<br>o What type/size cabling? 12/3 MC Cable?<br>• Cost to increase electrical load<br>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 | <b>XL Construction, Alysha Fuchino</b> | XL: Prebid question was provided too late for proper evaluation from project team. Please provide per specifications and drawings, list any clarifications or assumptions necessary.                             | Add #4          |
| PB-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.   | <b>SmithGroup</b>                      | 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.   | <b>XL Construction, Terry Wong</b>     | XL: Prebid question was provided too late for proper evaluation from project team. Please provide product in specification and drawings as base proposal. Provide substitution as add alternate within bid form. | Add #4          |

**PRE-BID REQUEST FOR INFORMATION (RFI) LOG**

**PROJECT NAME:** County of San Mateo - Wellness Center.  
**BID PACKAGE:** 3  
**JOB NO.:** Job Number: 4567.

**August 25, 2023**

| RFI Tag | TRADE IMPACTED                          | DESCRIPTION  | RESPONSE   |
|---------|---|--|--|
| 1       | All Trades                              | When are proposals due for this project?   | Bid Date Extended to 8/28 (Monday) - 5PM.  |
| 2       | Toilet Partition & Bathroom Accessories | 1. Per the bid sheet, coat hooks are part of this bid package. There are OFCI coat hooks listed on A11.1.1 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.<br>2. Baby Changing Station KB110 Series has been discontinued. Please confirm if a KB310-SSWM is acceptable.<br>3. 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. | SG:<br>1. The ones listed on A9.3.1 are also OFCI.<br>2. KB310-SSWM (43 3/4"W) is too wide to fit in the public restrooms. Can we switch to Bradley 962-11? It is more comparable in size with KB110. If we must stick to a Bobrick product, I suggest we switch to recessed changing station KB310-SSRE (41 5/16"W). The 4" deep recess should work on the current wall type.<br>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 locations called out on the plans. Provide add alternates for the other locations which are not on plans (2nd and 3rd floor shell)   |
| 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 be any differences. Schedule on AQ1.1.1 and AQ1.1.2 is and should be just a condensed version of the 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 A11.1.1. 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 don't have any Markerboard/tackboard in the building. ACC03 is a markerboard tool holder mounted on walls with dry erase coating. We will provide typical location for ACC03 in appropriate drawing package.  |
| 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 confirm the wood doors are to match WV1<br>Laminart Venneer Art Color 995-TG Blond Sycamore Finish Tru Grain  | SG: Confirmed.   |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

**PROJECT NAME:** County of San Mateo - Wellness Center.  
**BID PACKAGE:** 3  
**JOB NO.:** Job Number: 4567.

**August 25, 2023**

| RFI Tag | TRADE IMPACTED                 | DESCRIPTION  | RESPONSE   |
|---------|--------------------------------|--|--|
| 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 above.  |
| 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  |
| 10      | Painting - Intumescent Coating | <p>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 &amp; 72 reference Intumescent. I cannot tell where these locations are within the project.</p> <p>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</p> <p>Also could you please clarify the finish on the glazed timber curtain wall details &amp; glazed curtain wall detail?<br/>Will this be the responsibility of the glazing contractor?</p>   | <p>SG: Intumescent paint is required at columns and beams around the exterior perimeter wall of both stairs. Details found on A5 series are referenced on A4 series. Some of the details in question are referenced on sheet A4.4.1. Also Structural referenced the paint on sheet S7.1.1</p> <p>Refer to the specifications book for Curtain walls finishes. Coordinate responsibilities with General Contractor</p>  |
| 11      | Interior Glass & Glazing       | <p>1. 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.</p> <p>2. 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</p> <p>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.</p> <p>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.</p> <p>5. Frame elevation II on sheet A9.3.2 shows sidelite at frames by others. Please verify that Royal Glass is responsible for supplying and installing glass into frames by others.</p> <p>6. Dr. hardware sets 18 &amp; 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.</p> | <p>SG:</p> <p>1. Elevations E, F, G, H, J, K, L, M, &amp; P (interior storefront ISF-1) are covered by spec section 081219.</p> <p>2. Glass type is listed on door schedule/A9.3.1. Door 1004B is glass type DG-1.</p> <p>3. Door type should be SF (Sliding Flush). It should be a wood door without glass. We will update door schedule.</p> <p>4. Door should be All Glass.</p> <p>5. XL to clarify scope for Royal Glass</p> <p>6. Door hardware group per door schedule. See sheets A5.4.1 and A9.3.1</p> |
| 12      | Acoustical Wall Panels         | <p>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.</p> <p>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.</p> <p>If not you would need to reach out to a contractor that are licensed for these systems.</p>   | <p>SG: the Design Team would like to keep a proprietary system per specs. However, the Design Team could review Fabric Mate system as long as it complies with quality assurance and performance requirements as specified.</p>  |

## PRE-BID REQUEST FOR INFORMATION (RFI) LOG

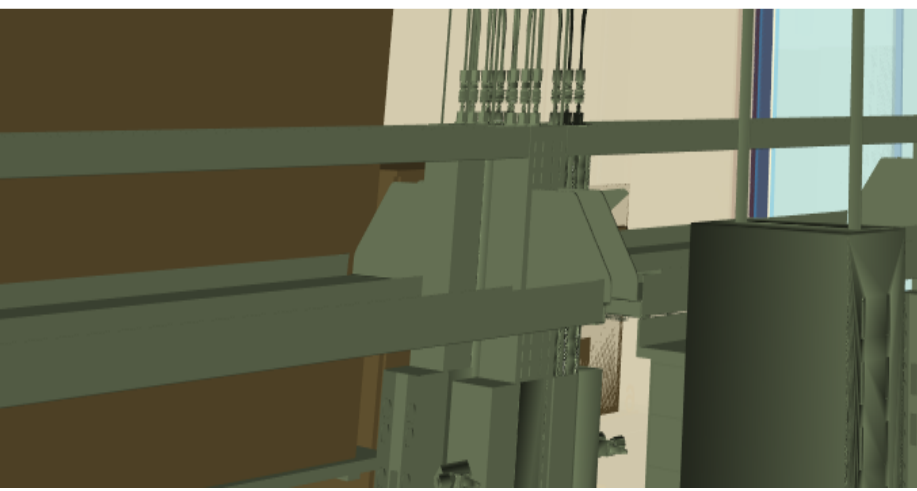
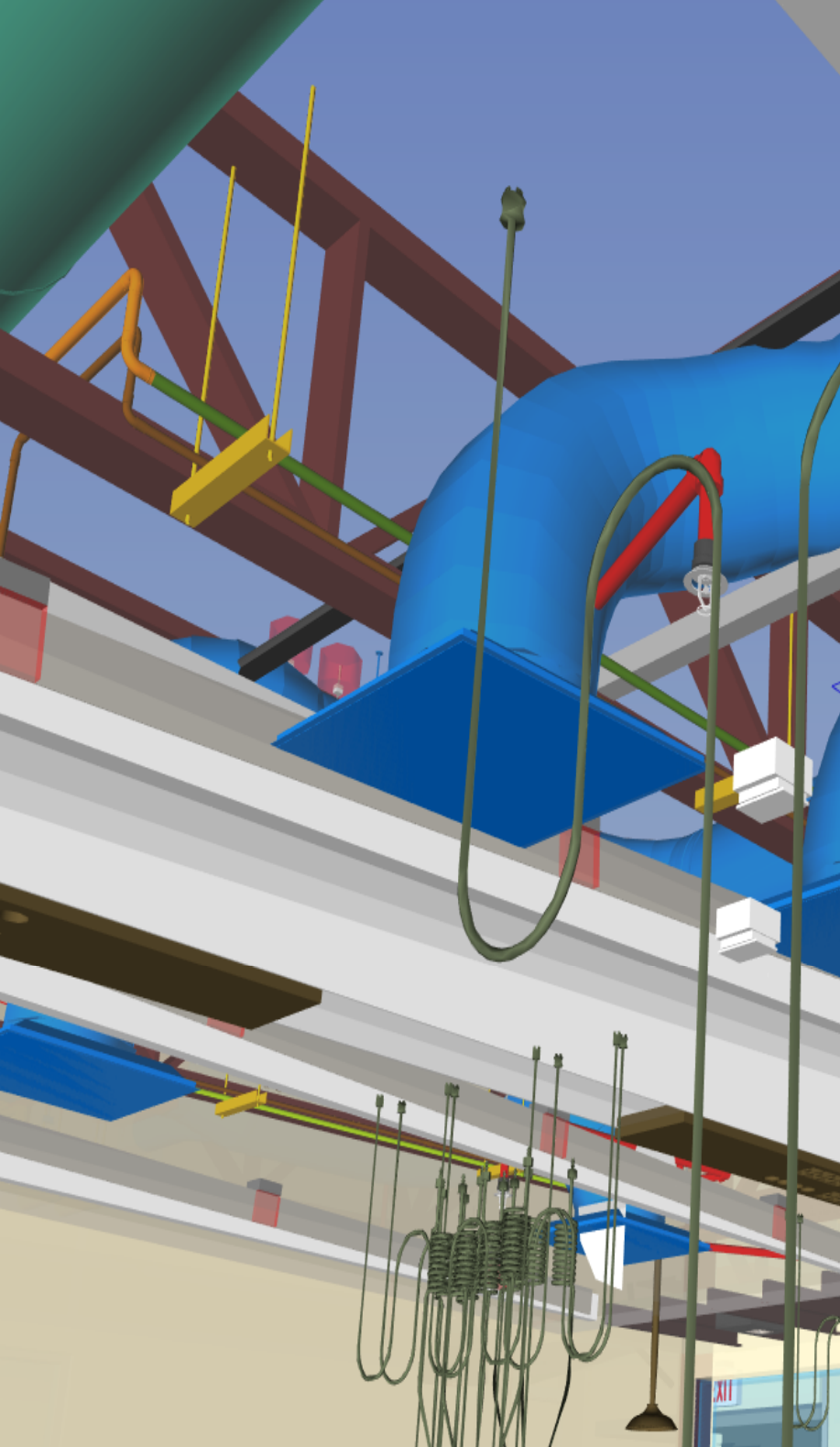
**PROJECT NAME:** County of San Mateo - Wellness Center.  
**BID PACKAGE:** 3  
**JOB NO.:** Job Number: 4567.

**August 25, 2023**

| RFI Tag | TRADE IMPACTED                          | DESCRIPTION   | RESPONSE   |
|---------|---|---|--|
| 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 Team will need to see samples for comparison in order to approve alternate color  |
| 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 contact info is:<br>Nick Verina<br>917-407 5918<br>nick@eos-surfaces.com   |
| 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 in question is in reference to part 2.3 C There are precast ballast pavers on the roof. See roof plans and detail 52 and 68 on sheet A5.0.3 |
| 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 Panels. 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 exterior tile for this project. Fiber cement panels are anchored with a rainscreen assembly   |
| 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 Team will review the requirements and adjust edge of slab accordingly   |
| 18      | Tile                                    | Please confirm B421-23 is acceptable TCNA (Tile Council of North America) method for the showers.   | SG: Please refer to schedule of TCNA designs on spec section 093013  |
| 19      | Marker Boards                           | Are there any markerboards on this project? No locations found.   | SG: there no marker boards specified for this project yet  |



| ITEM | DATE     | QUESTION / CLARIFICATION / RFI   | ANSWER   |
|------|----------|--|--|
| 1    | 11/22/23 | In pplan 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.   |



**CONSTRUCTION™**  
WE BUILD TO IMPROVE LIVES

**BIM / VDC**

**EXECUTION PLAN**

County of San Mateo

Wellness Center

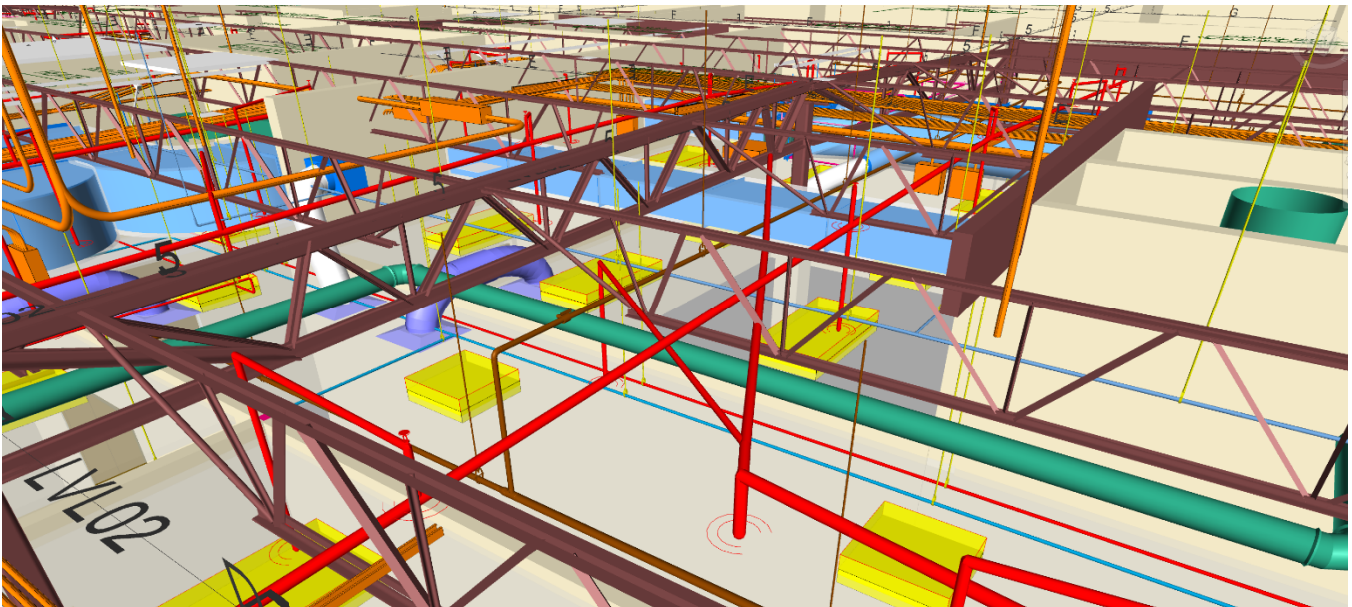
XL Construction BIM / VDC Execution Plan

Rev. 8 – April 2023

# Table of Contents

|     |   |
|-----|---|
| 1   | Project Information                       |
| 2   | Project BIM Goals, Definitions, and Uses  |
| 3   | Design Coordination Responsibility Matrix |
| 4   | Project Requirements and Obligations      |
| 4.1 | General                                   |
| 4.2 | Design Phase                              |
| 4.3 | Trade Partner Design Coordination Phase   |
| 4.4 | Construction Phase                        |
| 4.5 | Record Phase                              |
| 5   | Collaboration Activities                  |
| 6   | Coordination Requirements                 |
| 7   | Model Quality Control                     |
| 8   | Model Detail for VDC/BIM Coordination     |
| 9   | Coordination of Reflected Ceilings        |
| 10  | VDC Field Verification Plan               |
| 11  | Software and Drawing Types                |
| 12  | BIM Acronyms, Terms and Definitions       |
| 13  | General Guidelines                        |

## 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 milestones dates are meant for the purposes of this Execution Plan. The master project schedule will evolve over time, and these dates may not be current per the current master project schedule |                      |                           |          |                         |

## 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

| Discipline      | Responsible Party                   | Schematic Design | Design Development | 90% CD IFP                 | 100% CD IFC | Construction                     |
|-----------------|-------------------------------------|------------------|--------------------|----------------------------|-------------|----------------------------------|
| CIVIL           | Civil                               |                  | 2D CAD             |                            |             | 2D CAD                           |
|                 | Civil Trade Partner                 |                  |                    |                            |             | Shop Drawings                    |
| STRUCTURAL      | Structural Consultant               | Schematic Design | LOD-200            |                            | LOD-300     |                                  |
|                 | Structural Steel Trade Partner (DA) |                  |                    | Constructibility & Pricing | LOD-400     | Maintain LOD-400 Federated Model |
| ARCHITECTURAL   | Architectural                       | Schematic Design | LOD-300            |                            | LOD-300     |                                  |
|                 | Arch Trade Partner                  |                  |                    | Constructibility & Pricing | LOD-400     | Maintain LOD-400 Federated Model |
| MECHANICAL      | Mechanical Trade Partner            | Schematic Design | LOD-250            | LOD-300                    | LOD400      | Maintain Federated Model         |
| ELECTRICAL      | Electrical                          | Schematic Design | LOD-250            | LOD-300                    | LOD400      | Maintain Federated Model         |
| PLUMBING        | Plumbing                            | Schematic Design | LOD-250            | LOD-300                    | LOD400      | Maintain Federated Model         |
| PROCESS PIPING  | Process Piping                      | Schematic Design | LOD-250            | LOD-300                    | LOD400      | Maintain Federated Model         |
| FIRE PROTECTION | Fire Protection                     | Schematic Design | LOD-250            | LOD-300                    | LOD400      | Maintain Federated 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. Design Phase – 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. Trade Partner Design Coordination Phase – 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. Construction Phase - *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 Coordination   | Design                         | Weekly (As Needed) | Design Partners + XL                              | Online   |
| Coordination – Construction         | CD/ Construction               | Weekly             | XL- CT PM, PM, Super Trades- Detailer, PM/Foreman | Online   |
| Individual Trade Coordination (ITC) | Until BIM Signoff of All Areas | Weekly (As needed) | Single trade + XL CT and/or another XL team       | Online   |
| Coordination – Record Model         | Post Construction              | TBD                |   | TBD      |
| Lessons Learned                     | Post Construction              | TBD                |   | TBD      |

### 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, re-coordinate 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 **3D system models in a .NWC format**, 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 Navisworks Manage 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
  - l. 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.

**7.2. Quality Control Checks**

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

**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, **TO THE FLOOR PLANE**, 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.** BIM or 3D model: 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.** Level of Development / Detail: The Level(s) of Development / Detail (LOD) describes the level of completeness to which a Model Element is developed.
- 12.1.3.** Model Element: 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.** Model Author: The Model Author is the discipline responsible for developing the content of a specific model to the LOD required.
- 12.1.5.** Model User: The Model User refers to any individual or entity authorized to use and/or reference the model.



## 12.2. Definitions

- 12.2.1. As-Built Documents:** 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. As-Built Model:** 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. Background files:** 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. BIM Execution Plan:** A Plan that is created collaborative with Project Stakeholders. The BEP helps define roles and responsibilities within a Project Team.
- 12.2.5. Design Team:** 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. DWG:** AutoCAD file format
- 12.2.7. DXF:** 'Drawing Exchange Forma' and is used in exchanging components between CAD applications.
- 12.2.8. IFC:** '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. LOD:** '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. Object Enablers:** 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. NWF** 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. Navisworks:** 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. NWD** Navisworks drawing file, a static model that is a snapshot in time, which is published from a NWF file.
- 12.2.16. NWC** Navisworks cache file, a 'cookie' type of file that Navisworks automatically creates to speed up the loading process.
- 12.2.17. RVT** 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. Shop Drawings:** 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

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 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. (Coordination Models)
- 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. (Prefabrication Models)
- 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. (Prefabrication Models with Parametric Data)
- 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. (as-built locations of elements)

ABBREVIATIONS

- AR- Architect SE- Structural Engineer
- ME- Mechanical Engineer EE- Electrical Engineer
- TP- Trade Partner GC- General Contractor

| LOD   | System        | Element  | 3D Model?  | Level of Detail (LOD), Model Element Author (MEA) |     |                 |       |                    |       |              |       |     |       | Comments                              |       |   |    |  |
|---|---------------|--|------------|---|-----|-----------------|-------|--------------------|-------|--------------|-------|-----|-------|---------------------------------------|-------|---|----|--|
|   |               |  |            | Basic Design                                      |     | Detailed Design |       | CONSTRUCTION MODEL |       | RECORD MODEL |       |     |       |                                       |       |   |    |  |
|   |               |  |            | LOD   | MEA | LOD             | MEA   | LOD                | MEA   | LOD          | MEA   | LOD | MEA   |                                       |       |   |    |  |
| 8.2   | GENERAL       | 8.2.1 Clearance Requirements   | Yes        | N/A   | AR  | 200             | AR    | 200                | GC/TP | 200          | GC/TP | 200 | GC/TP | 200                                   | GC/TP | Including shop/fabrication drawings as well as architectural/structurally significant as-built info captured in the architectural and structural models |    |  |
|   |               | 8.2.2 Working Areas  | Yes        | N/A   | AR  | 200             | AR    | 200                | GC/TP | 200          | GC/TP | 200 | GC/TP | 200                                   | GC/TP | Designated areas where there CANNOT be any other building elements  |    |  |
|   |               | 8.2.3 Structural Penetrations and Block Outs                                 | Yes        | N/A   | AR  | 200             | SE    | 350                | GC/TP | 500          | GC/TP | 500 | GC/TP | 500                                   | GC/TP | Designated working areas as dictated by Code and/or Owner Requirements  |    |  |
|   |               | 8.2.5 Swing Areas  | Yes        | N/A   | AR  | 200             | AR    | 200                | GC/TP | 200          | GC/TP | 200 | GC/TP | 200                                   | GC/TP | Any required blockouts and penetrations through Building Structure  |    |  |
| 8.4   | ARCHITECTURAL | 8.2.6 Prefabrication   | Yes        | N/A   | SE  | N/A             | SE    | 350                | GC/TP | 500          | GC/TP | 500 | GC/TP | 500                                   | GC/TP | Swing areas around Equipment Doors  |    |  |
|   |               | 8.2.7 Hangers and Seismic Bracing  | Yes        | N/A   | AR  | 200             | AR    | 200                | GC/TP | 500          | GC/TP | 500 | GC/TP | 500                                   | GC/TP | Clearance needed to install prefabricated systems and/or elements   |    |  |
|   |               | 8.4.1 Exterior Walls   | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    | Required for any elements needing support and/or seismic bracing  |    |  |
|   |               | 8.4.1 Hatch/Door access (Envelope)   | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.2 Exterior Curtain Walls   | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.2 Studs & Joists - Exterior Framing                                      | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.3 Interior Walls   | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    | All partitions / walls will be represented at accurate heights in the model   |    |  |
|   |               | 8.4.3 Studs & Joists - Interior  | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.3 Small Wall Openings  | No         | N/A   | AR  | 200             | AR    | 200                | AR    | 200          | AR    | 200 | AR    | 200                                   | AR    |   |    |  |
|   |               | 8.4.4 Doors - Interior and Exterior  | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.5 Floors   | Yes        | 200   | AR  | 200             | AR    | 200                | AR    | 200          | AR    | 200 | AR    | 200                                   | AR    |   |    |  |
|   |               | 8.4.5 Path of travel envelopes   | Yes        | N/A   | AR  | 200             | AR    | 200                | AR    | 200          | AR    | 200 | AR    | 200                                   | AR    |   |    |  |
|   |               | 8.4.6 Stairs and Ramps   | Yes        | 200   | AR  | 200             | AR    | 300                | N/A   | 300          | N/A   | 300 | N/A   | 300                                   | N/A   |   |    |  |
|   |               | 8.4.7 Hard Ceilings and Soffits  | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.7 Soffits  | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.8 Suspended Ceilings   | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.8 Ceiling Grid Supports  | Yes        | N/A   | AR  | 200             | AR    | 200                | AR    | 200          | AR    | 200 | AR    | 200                                   | AR    |   |    |  |
|   |               | 8.4.9 Shafts and Wall Chases   | Yes        | 300   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.10 Architectural Features  | Yes        | N/A   | AR  | 300             | AR    | 350                | AR    | 500          | AR    | 500 | AR    | 500                                   | AR    |   |    |  |
|   |               | 8.4.10 Pass-Throughs - Hoses   | Yes        | 200   | AR  | 200             | AR    | 200                | AR    | 500          | AR    | 500 | AR    | 500                                   | AR    |   |    |  |
|   |               | 8.4.11 Light Fixtures  | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 500          | AR    | 500 | AR    | 500                                   | AR    |   |    |  |
|   |               | 8.4.12 Sinks   | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    | Design sets light fixture locations and elevation - Electrical Trade take over  |    |  |
|   |               | 8.4.12 Equipment - Owner provided  | Yes        | 200   | AR  | 200             | AR    | 400                | AR    | 500          | AR    | 500 | AR    | 500                                   | AR    |   |    |  |
|   |               | 8.4.12 Soutlet tables w/sinks  | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.12 Plumbing Fixtures   | Yes        | 200   | AR  | 200             | AR    | 350                | AR    | 500          | AR    | 500 | AR    | 500                                   | AR    |   |    |  |
|   |               | 8.4.12 Elevators   | Yes        | 200   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    | Pit and Shaft Only  |    |  |
|   |               | 8.4.12 Furniture Non-Laboratory  | No         | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.12 PC Stations   | No         | N/A   | AR  | 200             | AR    | 200                | AR    | 200          | AR    | 200 | AR    | 200                                   | AR    |   |    |  |
|   |               | 8.4.13 Fixed Casework  | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.14 Fire extinguishers  | Yes        | N/A   | AR  | 200             | AR    | 300                | AR    | 300          | AR    | 300 | AR    | 300                                   | AR    |   |    |  |
|   |               | 8.4.15 Large Wall Openings   | Yes        | 200   | AR  | 200             | AR    | 200                | AR    | 200          | AR    | 200 | AR    | 200                                   | AR    |   |    |  |
|   |               | 8.5  | STRUCTURAL | 8.5.1 Beams and Columns                           | Yes | 200             | SE    | 300                | SE    | 350          | SE/TP | 500 | TP    | 500                                   | TP    | 500   | TP |  |
|   |               |  |            | 8.5.2 Braces and Gusset Plates                    | Yes | 200             | SE    | 300                | SE    | 350          | SE/TP | 500 | TP    | 500                                   | TP    | 500   | TP |  |
|   |               |  |            | 8.5.2 Girts                                       | Yes | 200             | SE    | 300                | SE    | 350          | SE/TP | 500 | TP    | 500                                   | TP    | 500   | TP |  |
| 8.5.2 Base plates   | Yes           |  |            | N/A   | SE  | 200             | SE    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | Model at critical areas only (Final Design)   |    |  |
| 8.5.3 Building Seismic Bracing  | Yes           |  |            | 200   | SE  | 200             | SE    | 300                | GC/TP | 300          | GC/TP | 300 | GC/TP | 300                                   | GC/TP |   |    |  |
| 8.5.3 Seismic Bracing (MEP Systems)                                     | Yes           |  |            | N/A   | SE  | 200             | SE    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | MEP-ARCH Contractors to add for MEP and ARCH Systems.   |    |  |
| 8.5.4 Structural Trusses  | Yes           |  |            | 200   | SE  | 300             | SE    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
| 8.5.5 Stair landings/walkway access (envelope)                          | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | SE    | 200          | SE    | 200 | SE    | 200                                   | SE    | Modeling LOD stops at Detailed Design   |    |  |
| 8.5.5 Platform Framing  | Yes           |  |            | 200   | SE  | 200             | SE    | 300                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
| 8.5.6 Embeds  | Yes           |  |            | 200   | SE  | 200             | SE    | 400                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
| 8.5.7 Misc. support steel   | Yes           |  |            | 200   | SE  | 300             | SE    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | Any misc. metals that need to be coordinated will be modeled  |    |  |
| 8.5.7 Monorails, Lifting points   | Yes           |  |            | 200   | SE  | 300             | SE    | 400                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | Monorail Travel Path, Envelope for equipment.   |    |  |
| 8.5.7 Hatch/Door access (Envelope)                                      | Yes           |  |            | N/A   | AR  | 200             | AR    | 300                | SE/TP | 300          | SE/TP | 300 | SE/TP | 300                                   | SE/TP | See Architectural   |    |  |
| 8.5.7 Pipe rack Steel   | Yes           |  |            | 200   | SE  | 200             | SE    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
| 8.5.7 Knock out panels  | No            |  |            | N/A   | AR  | 200             | AR    | 200                | SE/TP | 200          | SE/TP | 200 | SE/TP | 200                                   | SE/TP | Model Envelope for space allocation.  |    |  |
| 8.5.7 Misc. Pipe/Cable tray Supports                                    | Yes           |  |            | N/A   | AR  | 200             | AR    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | Modeled by MEP Contractor   |    |  |
| 8.5.7 Duct/Ceiling Support  | Yes           |  |            | N/A   | AR  | 200             | AR    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | Modeled by MEP Contractor   |    |  |
| 8.5.7 Short Outriggers  | No            |  |            | N/A   | AR  | 200             | AR    | 300                | SE/TP | 300          | SE/TP | 300 | SE/TP | 300                                   | SE/TP |   |    |  |
| 8.5.7 Miscellaneous Steel   | No            |  |            | N/A   | AR  | 200             | AR    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | Plates, Connection angles, bolts, and sag rods  |    |  |
| 8.5.7 Grout   | No            |  |            | N/A   | AR  | 200             | AR    | 200                | SE    | 200          | SE    | 200 | SE    | 200                                   | SE    | Will not model, if less than 10"  |    |  |
| 8.5.7 Field Support Steel   | No            |  |            | N/A   | AR  | 200             | AR    | 300                | SE/TP | 300          | SE/TP | 300 | SE/TP | 300                                   | SE/TP |   |    |  |
| 8.5.7 Framing required for wall and roof openings                       | No            |  |            | N/A   | AR  | 200             | AR    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
| 8.5.8 Grating and checkered plate                                       | Yes           |  |            | 200   | SE  | 200             | SE    | 300                | SE/TP | 300          | SE/TP | 300 | SE/TP | 300                                   | SE/TP | Model as slab and includes openings >= 10"  |    |  |
| 8.5.11 Concrete - Slabs   | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    | Modeling LOD stops at Detailed Design   |    |  |
| 8.5.11 Concrete - Building Foundations/Foundations                      | Yes           |  |            | 200   | SE  | 200             | SE    | 300                | TP    | 300          | TP    | 300 | TP    | 300                                   | TP    | Piers, Footings, Pile caps, Grade beams.  |    |  |
| 8.5.11 Concrete - Equipment foundations that project above & below slab | Yes           |  |            | 200   | SE  | 200             | SE    | 300                | TP    | 300          | TP    | 300 | TP    | 300                                   | TP    |   |    |  |
| 8.5.11 Concrete - Equipment Pads  | Yes           |  |            | 200   | SE  | 200             | SE    | 300                | TP    | 300          | TP    | 300 | TP    | 300                                   | TP    | Including Pump pads.  |    |  |
| 8.5.11 Concrete - Curbs   | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    | Will not model curbs under walls. Modeling LOD stops at Detailed Design   |    |  |
| 8.5.11 Concrete - Walls   | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    | Foundation walls, dike walls.   |    |  |
| 8.5.11 Concrete - Piles   | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    | Modeling LOD stops at Detailed Design   |    |  |
| 8.5.11 Concrete - Trenches  | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    | To be modeled, if underground utility exists.   |    |  |
| 8.5.11 Concrete - Sumps   | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    |   |    |  |
| 8.5.11 Concrete - Slab openings   | Yes           |  |            | 200   | SE  | 200             | SE    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    | Smaller than 10" will not be modeled.   |    |  |
| 8.5.8 Anchor Bolts  | Yes           |  |            | N/A   | AR  | 200             | AR    | 350                | SE/TP | 500          | TP    | 500 | TP    | 500                                   | TP    | Model at critical areas only (Final Design)   |    |  |
| 8.5.11 Concrete Slopes  | No            | N/A  | AR         | 200   | AR  | 200             | SE/TP | 200                | SE/TP | 200          | SE/TP | 200 | SE/TP |                                       |       |   |    |  |
| 8.5.9 Sleeves and Openings  | No            | N/A  | AR         | 200   | AR  | 200             | SE    | 200                | SE    | 200          | SE    | 200 | SE    |                                       |       |   |    |  |
| 8.5.9 Horizontal openings in foundations, grade beams, trenches         | No            | N/A  | AR         | 200   | AR  | 300             | SE/TP | 300                | SE/TP | 300          | SE/TP | 300 | SE/TP | For Electrical and Piping             |       |   |    |  |
| 8.5.10 Fireproofing   | Yes           | N/A  | AR         | 200   | AR  | 200             | GC/TP | 200                | GC/TP | 200          | GC/TP | 200 | GC/TP | Modeling LOD stops at Detailed Design |       |   |    |  |
| 8.6   | MECHANICAL    | 8.6.2 Ductwork (Mains/Branches) including insulation for Cleanroom Areas     | Yes        | N/A   | ME  | 200             | ME    | 350                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
|   |               | 8.6.2 Ductwork (Mains/Branches) including insulation for Non-Cleanroom Areas | Yes        | N/A   | ME  | 200             | ME    | 350                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
|   |               | 8.6.3 Shafts and Risers  | Yes        | 200   | ME  | 200             | ME    | 350                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
|   |               | 8.6.3 Floor Openings   | No         | N/A   | ME  | 200             | ME    | 200                | TP    | 200          | TP    | 200 | TP    | 200                                   | TP    |   |    |  |
|   |               | 8.6.4 Structural Penetrations and Block Outs                                 | Yes        | N/A   | AR  | 200             | AR    | 350                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    | Any required blockouts and penetrations through Building Structure  |    |  |
|   |               | 8.6.5 Dampers (Including Fire and Smoke)                                     | Yes        | N/A   | AR  | 200             | AR    | 350                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
|   |               | 8.6.6 Flex Duct  | Yes        | 200   | ME  | 200             | ME    | 300                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
|   |               | 8.6.7 Supply Diffusers   | Yes        | N/A   | AR  | 200             | AR    | 300                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
|   |               | 8.6.7 Return Registers   | Yes        | N/A   | AR  | 200             | AR    | 300                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    |   |    |  |
|   |               | 8.6.8 Hangers, Racks, and Seismic Bracing                                    | Yes        | N/A   | AR  | 200             | AR    | 350                | TP    | 500          | TP    | 500 | TP    | 500                                   | TP    | Required for any elements needing support and/or seismic 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.