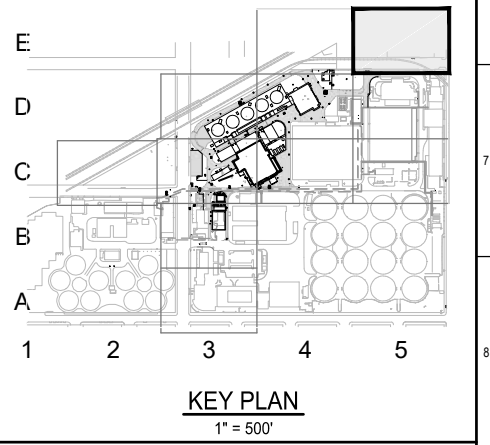


**GENERAL SHEET NOTES**

- FOR SITE FENCE AND GATES INFORMATION, SEE LANDSCAPING DRAWINGS.
- FOR SITE ELECTRICAL, DATA, AND LIGHTING INFORMATION, SEE ELECTRICAL DRAWINGS 000-E-14-1001 TO 000-E-14-1015.

**SHEET KEY NOTES**

- ASPHALT CONCRETE PAVING PER DETAIL C3103/5.
- MATCH EXISTING ASPHALT PAVING PER DETAIL C3103/4.
- PLANT CURB AND GUTTER PER DETAIL C3103/7. MATCH EXISTING CURB AND GUTTER (VIF).
- GRAVEL PAVING PER DETAIL C3103/9.
- PROTECT EXISTING G-E1 GATE AND CONTROL VAULTS. INSTALL NEW LOOP DETECTORS, SECURITY, AND ELECTRICAL EQUIPMENTS PER SECTION 11 12 00.
- LOOP DETECTORS PER SECTION 11 12 00.
- ADJUST CATCH BASIN RIM ELEVATION TO FINISHED GRADE AS REQUIRED.
- PROTECT EXISTING LIGHT POLE.
- EMH (BY OTHERS).
- LIMIT LINE (STOP LINE), PER CALTRANS STD PLAN A24G.



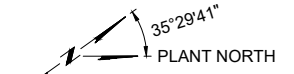
**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**SITE AND PAVING PLAN - AREA E5**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-C-14-1015</b>	
REVISION NO.	



- LEGEND:**
- ASPHALT CONCRETE
  - CONCRETE
  - GRAVEL

**PLAN**  
SCALE: 1"=20'

**FOR CONSTRUCTION**  
Scope II

**FOR THE SOLE USE OF THE DOCUMENT RECIPIENT - DO NOT CITE, COPY, OR CIRCULATE WITHOUT THE EXPRESSED PERMISSION OF THE SFPUC.**

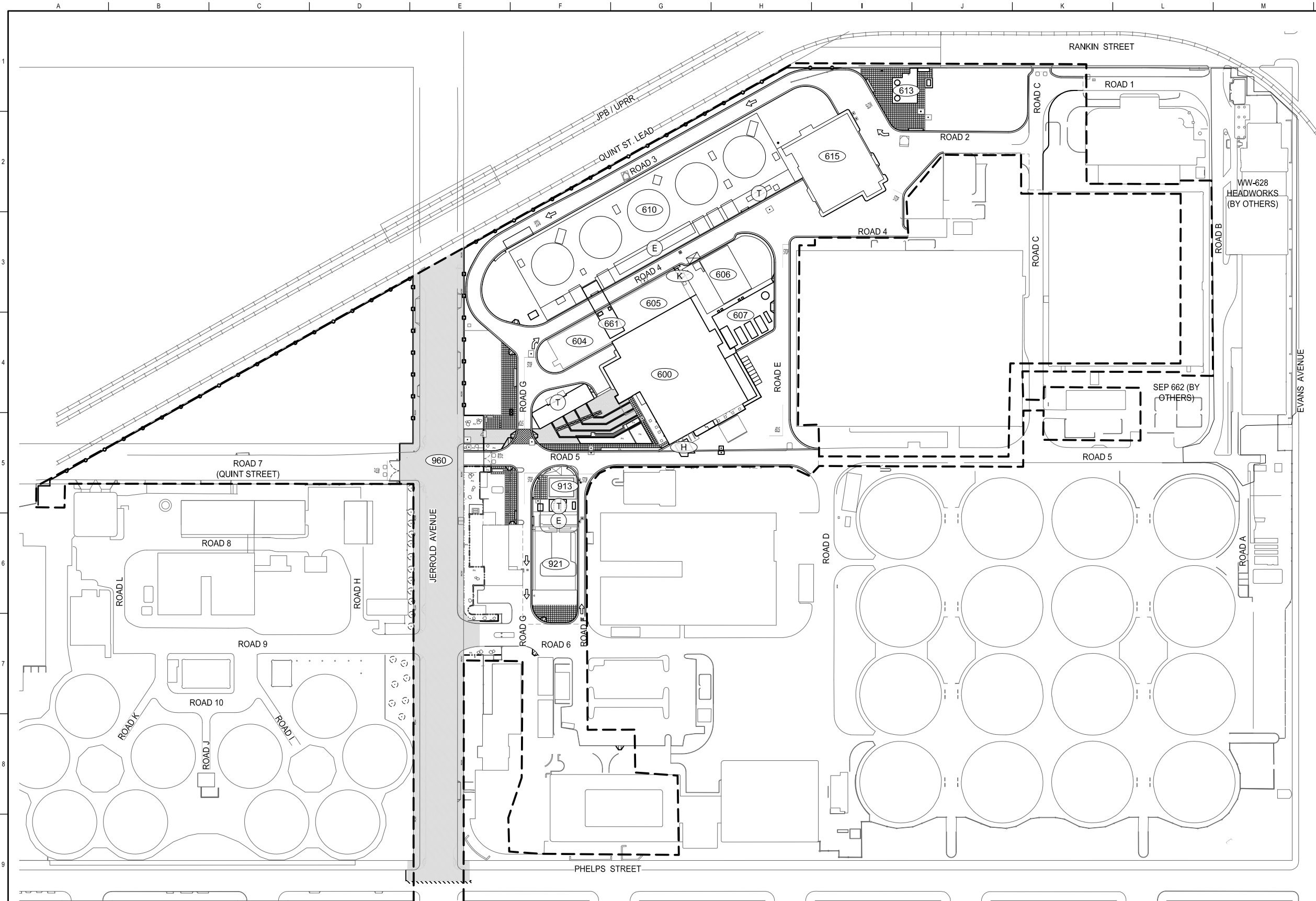
ELEVATION DATUM  
**CITY**



BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM

**Brown and Caldwell** **ch2m**  
BLACK & VEATCH

PROJECT ENGINEER	D. GREEN	DRAWN	I. POPESCU
PROJECT MANAGER	T. STIGERS	DESIGNED	K. KAI
APPROVED	K. KAI	CHECKED	J. SMITH
NO.	DATE	DESCRIPTION	BY
<b>REVISIONS</b>			



**GENERAL SHEET NOTES**

1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.
3. SEE JERROLD AVENUE STREETSCAPE IMPROVEMENTS DWGS FOR JERROLD AVENUE LAYOUT AND PAVING INFORMATION.

**FACILITIES**

- (000) SITE WIDE
- (012) (E) NEW HEADWORKS
- (020) HEADWORKS (BY OTHERS)
- (040) (E) SEDIMENTATION BLDG NO. 1
- (041) (E) SEDIMENTATION BLDG NO. 2
- (042) (E) SEDIMENTATION BLDG NO. 3 (PS PUMPING)
- (060) (E) WEST PUMP ROOM (PS PUMPING)
- (061) (E) CENTRAL PUMP ROOM (PS PUMPING)
- (260) (E) SECONDARY SLUDGE CONTROL BUILDING (WAS PUMPING)
- (600) SOLIDS PRETREATMENT
- (604) DIGESTION COOLING TOWERS
- (605) THERMAL HYDROLYSIS
- (606) SOLIDS ODOR CONTROL
- (607) STEAM GENERATION
- (610) ANAEROBIC DIGESTION
- (613) WASTE GAS BURNERS
- (615) BIOSOLIDS DEWATERING
- (661) PIPE GALLERY
- (913) IRON CHLORIDE STORAGE TANKS
- (921) W2 PUMP STATION
- (960) (E) GALLERY
- (961) (E) JERROLD AVENUE UNDERCROSSING
- (E) ELECTRICAL ROOM
- (T) TRANSFORMERS
- (H) PIPE CHASE (BURIED)
- (K) PIPE TRENCH (GRD ACCESSIBLE)

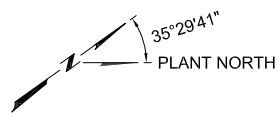
**LEGEND ITEMS**

- LIMIT OF WORK (LOW)
- ▒ JERROLD AVENUE STREETSCAPE IMPROVEMENTS PROJECT

**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**OVERALL LAYOUT PLAN**

CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
APPROVED	AS SHOWN	Dec 30, 2020
APPROVED	APPROVED	
PLAN NO.	WWE ENGINEERING MANAGER	REVISION NO.
<b>000-L-14-1001</b>		



**PLAN**  
 1" = 80'

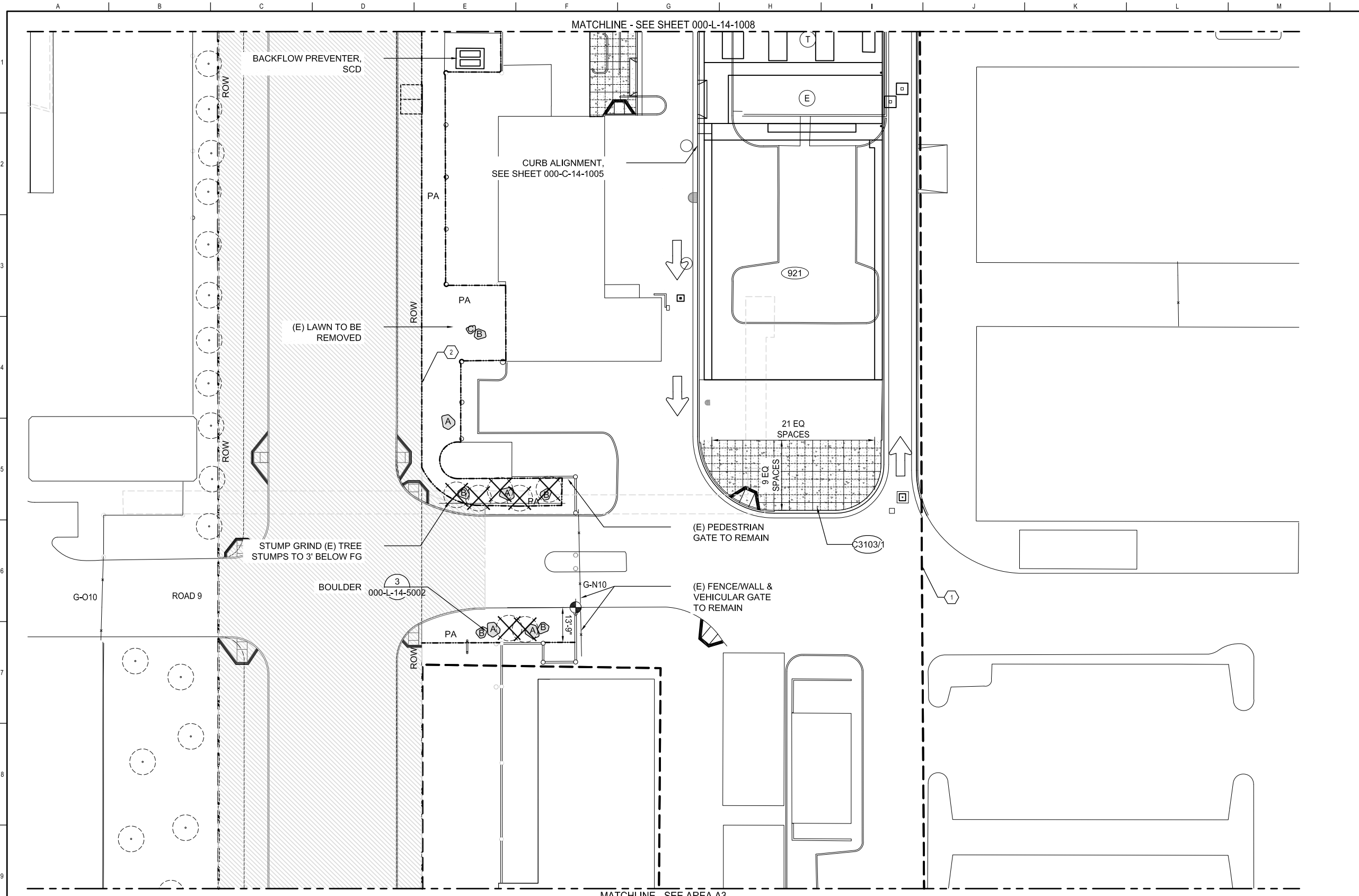
**FOR CONSTRUCTION**  
 Scope II

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ELEVATION DATUM  
 CITY



SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE			
PROJECT LANDSCAPE ARCHITECT	DRAWN		
A. ALFONSO	D. ALCANTARA ORTIZ		
SECTION MANAGER	DESIGNED		
T. ESTERBROOKS	N. ANCEL		
APPROVED	CHECKED		
T. ESTERBROOKS	J. COOPER		
NO.	DATE	DESCRIPTION	BY
		REVISIONS	



**GENERAL SHEET NOTES**

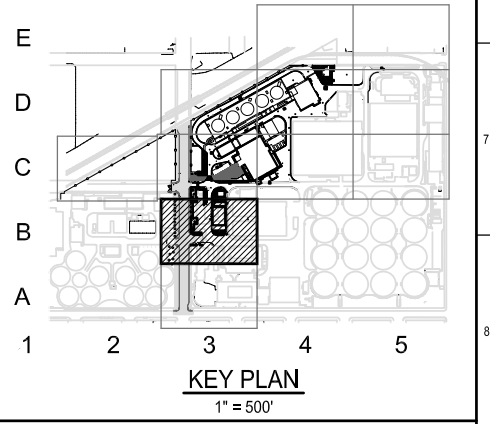
1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.
3. SEE JERROLD AVENUE STREETScape IMPROVEMENTS DWGS FOR JERROLD AVENUE LAYOUT AND PAVING INFORMATION.

**SHEET KEYNOTES**

1. LIMIT OF WORK (LOW)
2. PROPERTY LINE

**LEGEND ITEMS**

- LAYOUT POINT OF BEGINNING [POB]
- ALIGN
- JERROLD AVENUE STREETScape IMPROVEMENTS PROJECT
- LIMIT OF (E) LAWN TO BE REMOVED



**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO-SOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE LAYOUT PLAN - AREA B3**

CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
AS SHOWN	Dec 30, 2020	
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION NO.
000-L-14-1005		

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE				
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ			
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL			
APPROVED T. ESTERBROOKS	CHECKED J. COOPER			
NO.	DATE	DESCRIPTION	BY	APPRD
		REVISIONS		

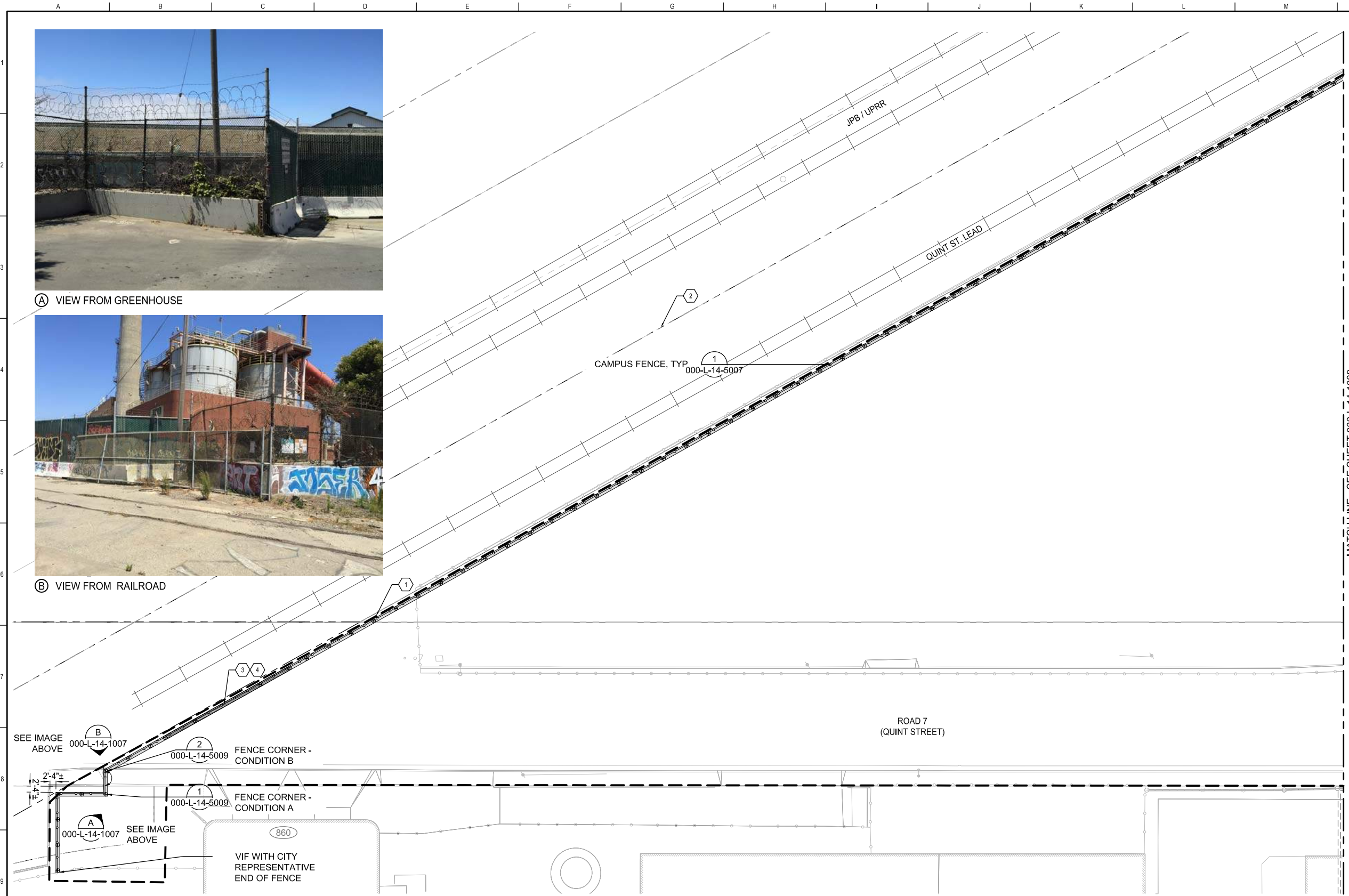


**PLAN**  
1" = 20'

**FOR CONSTRUCTION**  
Scope II

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ELEVATION DATUM  
CITY



**GENERAL SHEET NOTES**

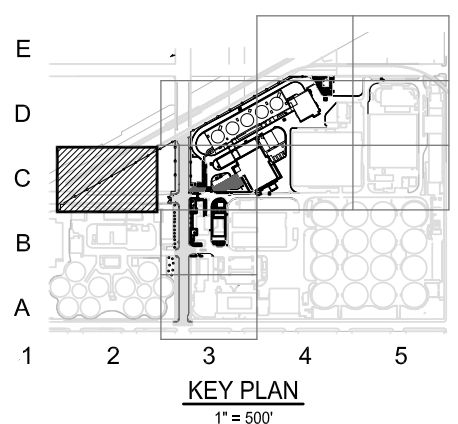
1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.

**SHEET KEYNOTES**

1. LIMIT OF WORK (LOW)
2. PROPERTY LINE
3. FOR GRADE BEAMS INFORMATION, SEE STRUCTURAL DRAWINGS.
4. FOR UNDERGROUND UTILITY LOCATIONS, SEE CIVIL DRAWINGS.

**LEGEND ITEMS**

- LAYOUT POINT OF BEGINNING [POB]
- ALIGN
- NON-DIMPLED PATTERN FENCE ON SLOPED GRADE BEAM
- FENCE POST PILE, SSD



**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**LANDSCAPE LAYOUT PLAN - AREA C2**

CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE AS SHOWN	DATE Dec 30, 2020
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO. 000-L-14-1007	DRAWING / FILE NO.	REVISION NO.

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE				
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ			
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL			
APPROVED T. ESTERBROOKS	CHECKED J. COOPER			
NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				



**FOR CONSTRUCTION**  
Scope II

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ELEVATION DATUM  
CITY



MATCH LINE - SEE SHEET 000-L-14-1011

### GENERAL SHEET NOTES

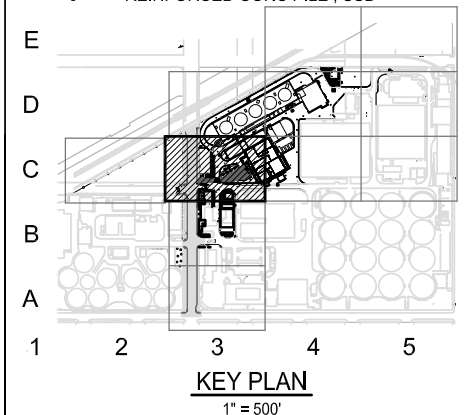
1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.
3. SEE JERROLD AVENUE STREETScape IMPROVEMENTS DWGS FOR JERROLD AVENUE LAYOUT AND PAVING INFORMATION.

### SHEET KEYNOTES

1. LIMIT OF WORK (LOW)
2. PROPERTY LINE
3. FOR GRADE BEAMS INFORMATION, SEE STRUCTURAL DRAWINGS.
4. FOR UNDERGROUND UTILITY LOCATIONS, SEE CIVIL DRAWINGS.

### LEGEND ITEMS

- LAYOUT POINT OF BEGINNING [POB]
- ALIGN
- JERROLD AVENUE STREETScape IMPROVEMENTS PROJECT
- LIMIT OF (E) LAWN TO BE REMOVED
- NON-DIMPLED PATTERN FENCE ON SLOPED GRADE BEAM
- DIMPLED PATTERN FENCE ON OFFSET GRADE BEAM
- FENCE POST PILE, SSD
- REINFORCED CONC PILE, SSD



CONTRACT NO. WW-647R

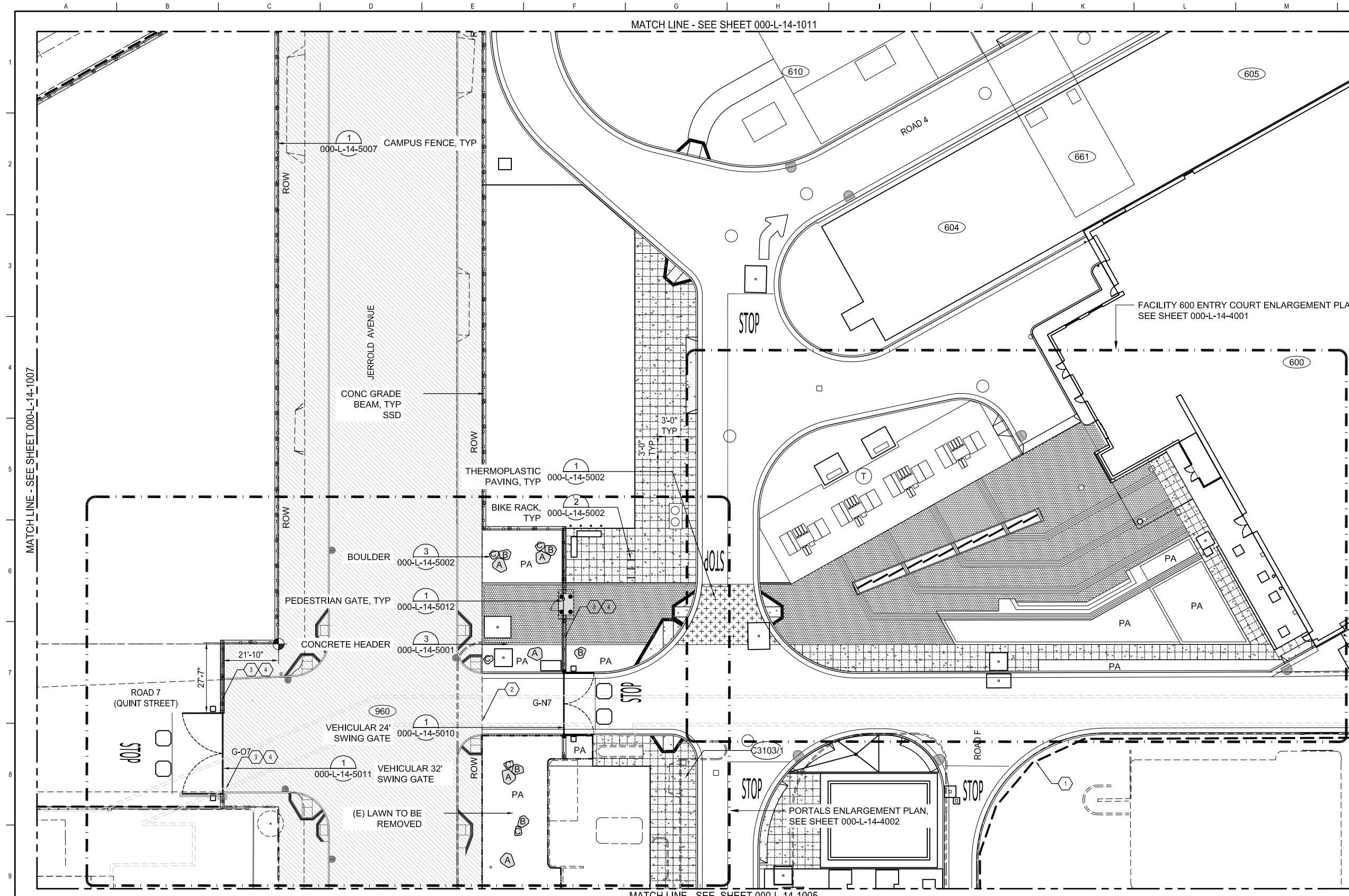
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

SOUTHEAST WATER POLLUTION CONTROL PLANT  
 BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE

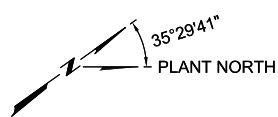
LANDSCAPE LAYOUT PLAN - AREA C3

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-14-1008</b>	



MATCH LINE - SEE SHEET 000-L-14-1005

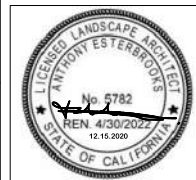
PLAN  
1" = 20'



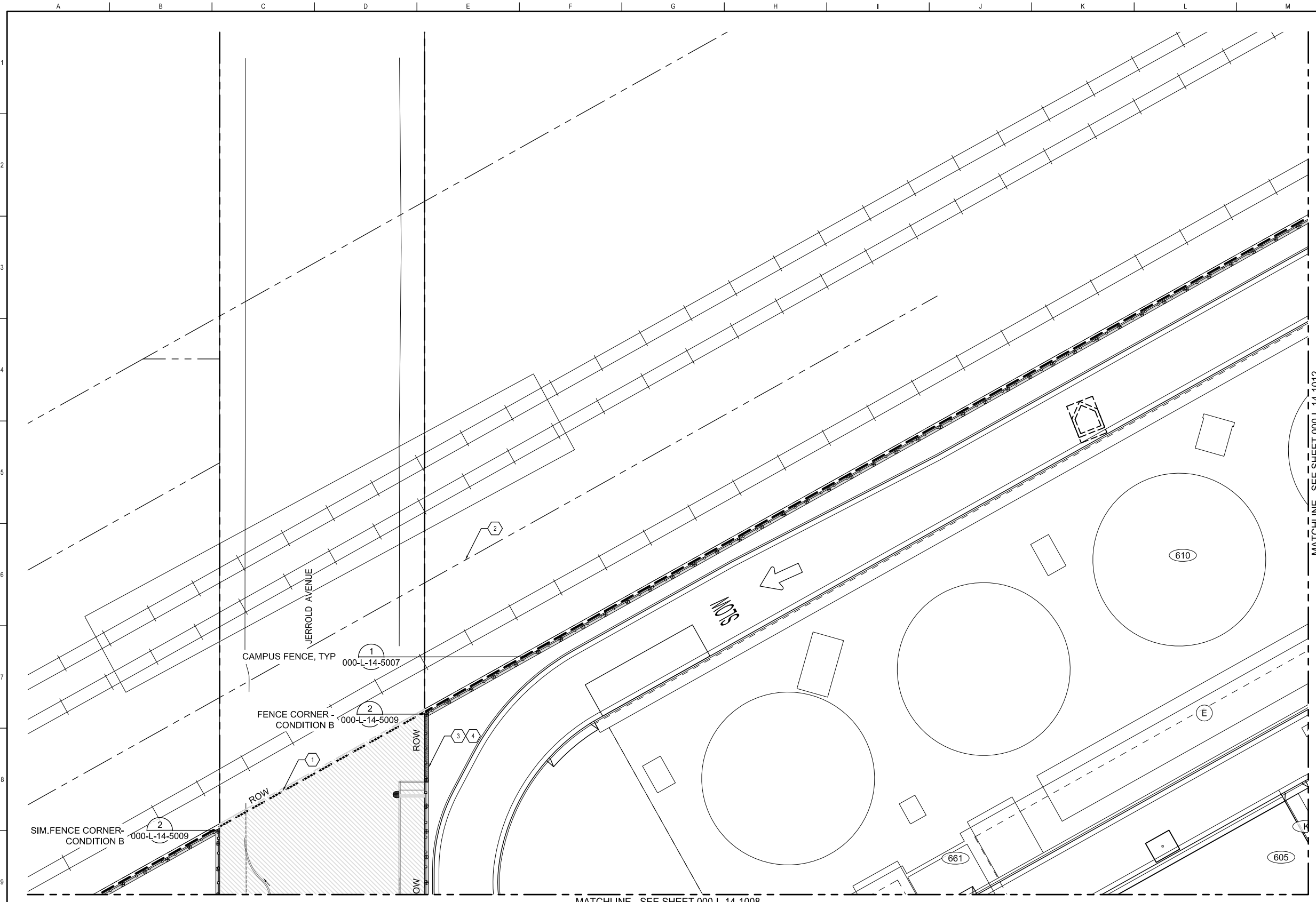
**FOR CONSTRUCTION**  
 Scope II

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ELEVATION DATUM  
 CITY



SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	



**GENERAL SHEET NOTES**

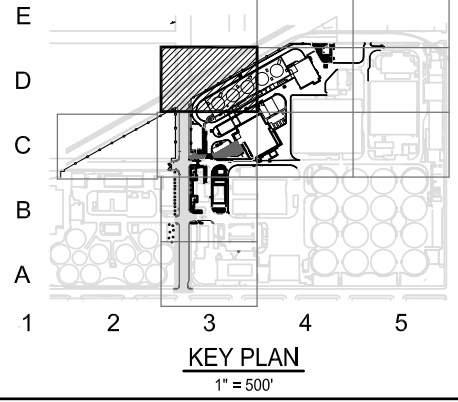
1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.
3. SEE JERROLD AVENUE STREETSCAPE IMPROVEMENTS DWGS FOR JERROLD AVENUE LAYOUT AND PAVING INFORMATION

**SHEET KEYNOTES**

1. LIMIT OF WORK (LOW)
2. PROPERTY LINE
3. FOR GRADE BEAMS INFORMATION, SEE STRUCTURAL DRAWINGS.
4. FOR UNDERGROUND UTILITY LOCATIONS, SEE CIVIL DRAWINGS.

**LEGEND ITEMS**

- LAYOUT POINT OF BEGINNING [POB]
- ALIGN
- JERROLD AVENUE STREETSCAPE IMPROVEMENTS PROJECT
- LIMIT OF (E) LAWN TO BE REMOVED
- NON-DIMPLED PATTERN FENCE ON SLOPED GRADE BEAM
- DIMPLED PATTERN FENCE ON OFFSET GRADE BEAM
- FENCE POST PILE, SSD
- REINFORCED CONC PILE, SSD



**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO-SOLIDS DIGESTER FACILITIES PROJECT**

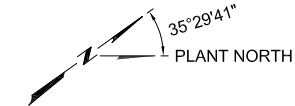
GENERAL SITEWIDE  
**LANDSCAPE LAYOUT PLAN - AREA D3**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-14-1011</b>	
REVISION NO.	

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT	DRAWN
A. ALFONSO	D. ALCANTARA ORTIZ
SECTION MANAGER	DESIGNED
T. ESTERBROOKS	N. ANCEL
APPROVED	CHECKED
T. ESTERBROOKS	J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	
REVISIONS	



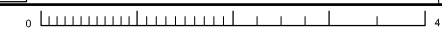
**PLAN**  
 1" = 20'

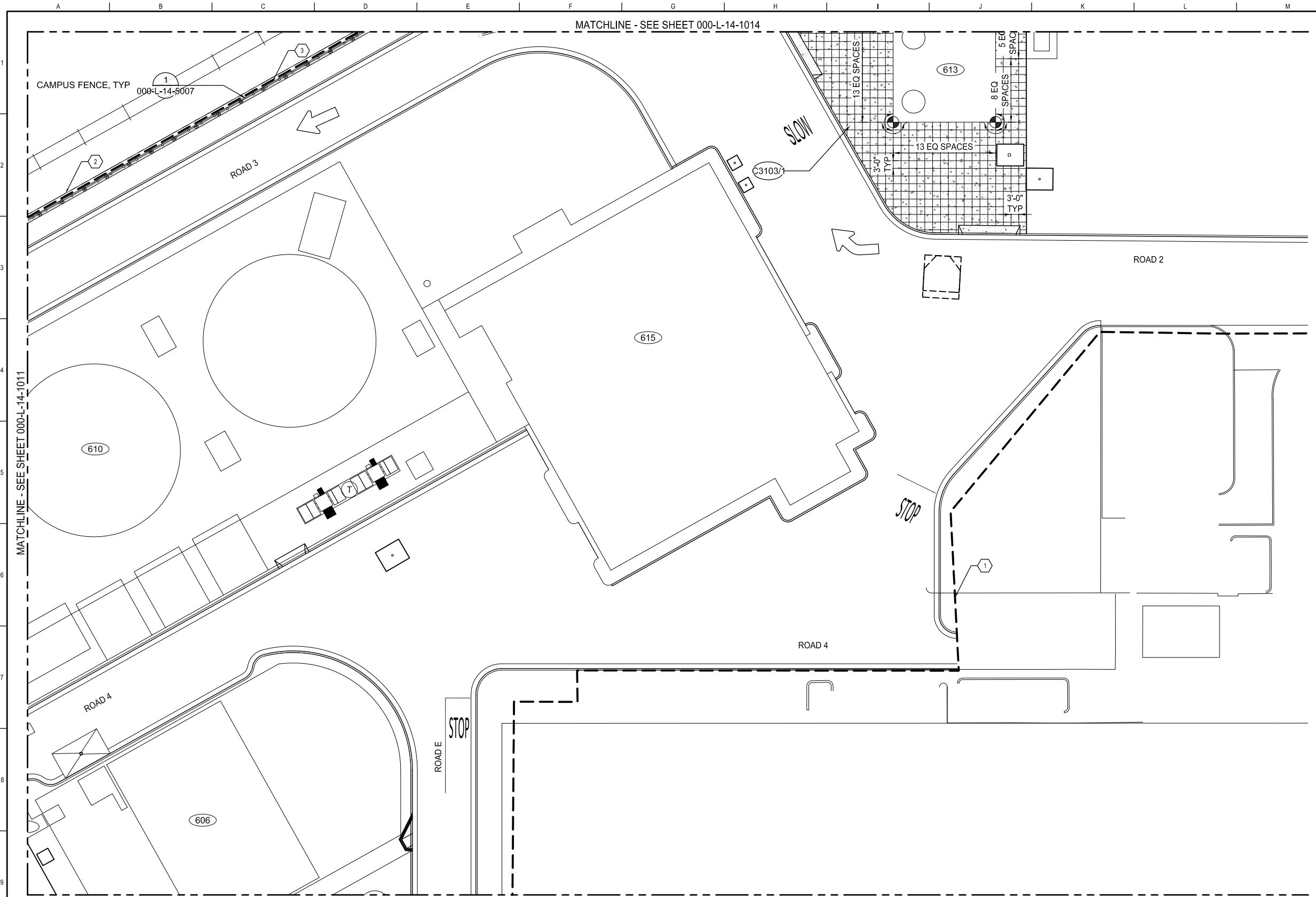


**FOR CONSTRUCTION**  
 Scope II

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ELEVATION DATUM  
 CITY





**GENERAL SHEET NOTES**

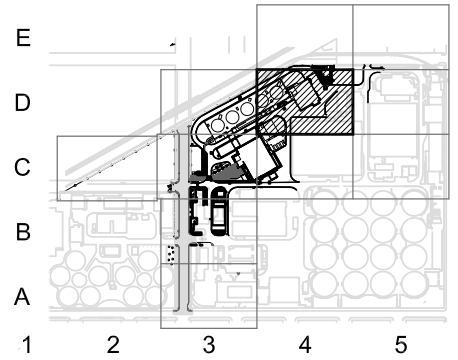
1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.

**SHEET KEYNOTES**

1. LIMIT OF WORK (LOW)
2. PROPERTY LINE
3. FOR GRADE BEAMS INFORMATION, SEE STRUCTURAL DRAWINGS.

**LEGEND ITEMS**

- LAYOUT POINT OF BEGINNING [POB]
- ALIGN
- NON-DIMPLED PATTERN FENCE ON SLOPED GRADE BEAM
- FENCE POST PILE, SSD

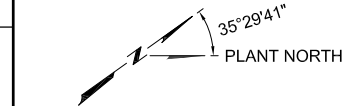


**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO-SOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE LAYOUT PLAN - AREA D4**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-14-1012</b>	
REVISION NO.	

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	
REVISIONS	

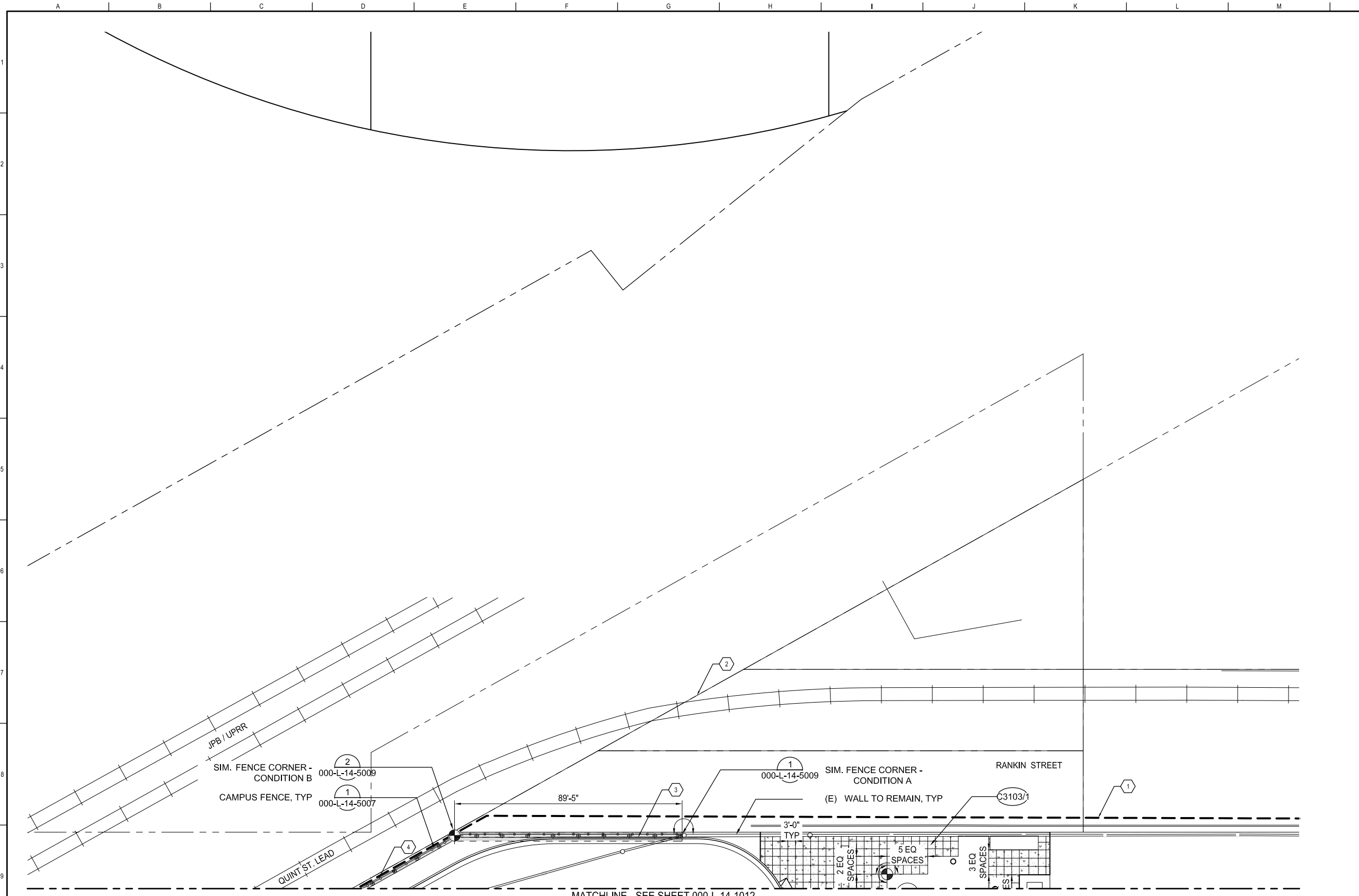


**PLAN**  
1" = 20'

**FOR CONSTRUCTION**  
Scope II

FOR THE SOLE USE OF THE DOCUMENT RECIPIENT - DO NOT CITE, COPY, OR CIRCULATE WITHOUT THE EXPRESSED PERMISSION OF THE SFPUC.

ELEVATION DATUM  
CITY



**GENERAL SHEET NOTES**

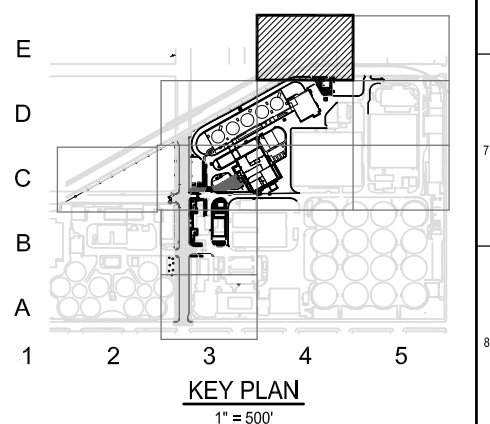
1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.

**SHEET KEYNOTES**

1. LIMIT OF WORK (LOW)
2. PROPERTY LINE
3. RETAINING WALL PER STRUCTURAL DWG, SEE SHEET 000-S-14-5002.
4. FOR GRADE BEAM INFORMATION, SEE STRUCTURAL DRAWINGS.

**LEGEND ITEMS**

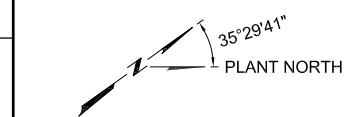
- LAYOUT POINT OF BEGINNING [POB]
- ALIGN
- NON-DIMPLED PATTERN FENCE ON SLOPED GRADE BEAM
- FENCE POST PILE, SSD



**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

**LANDSCAPE LAYOUT PLAN - AREA E4**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-14-1014</b>	
REVISIONS	REVISION NO.

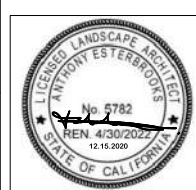


**PLAN**  
1" = 20'

**FOR CONSTRUCTION**  
Scope II

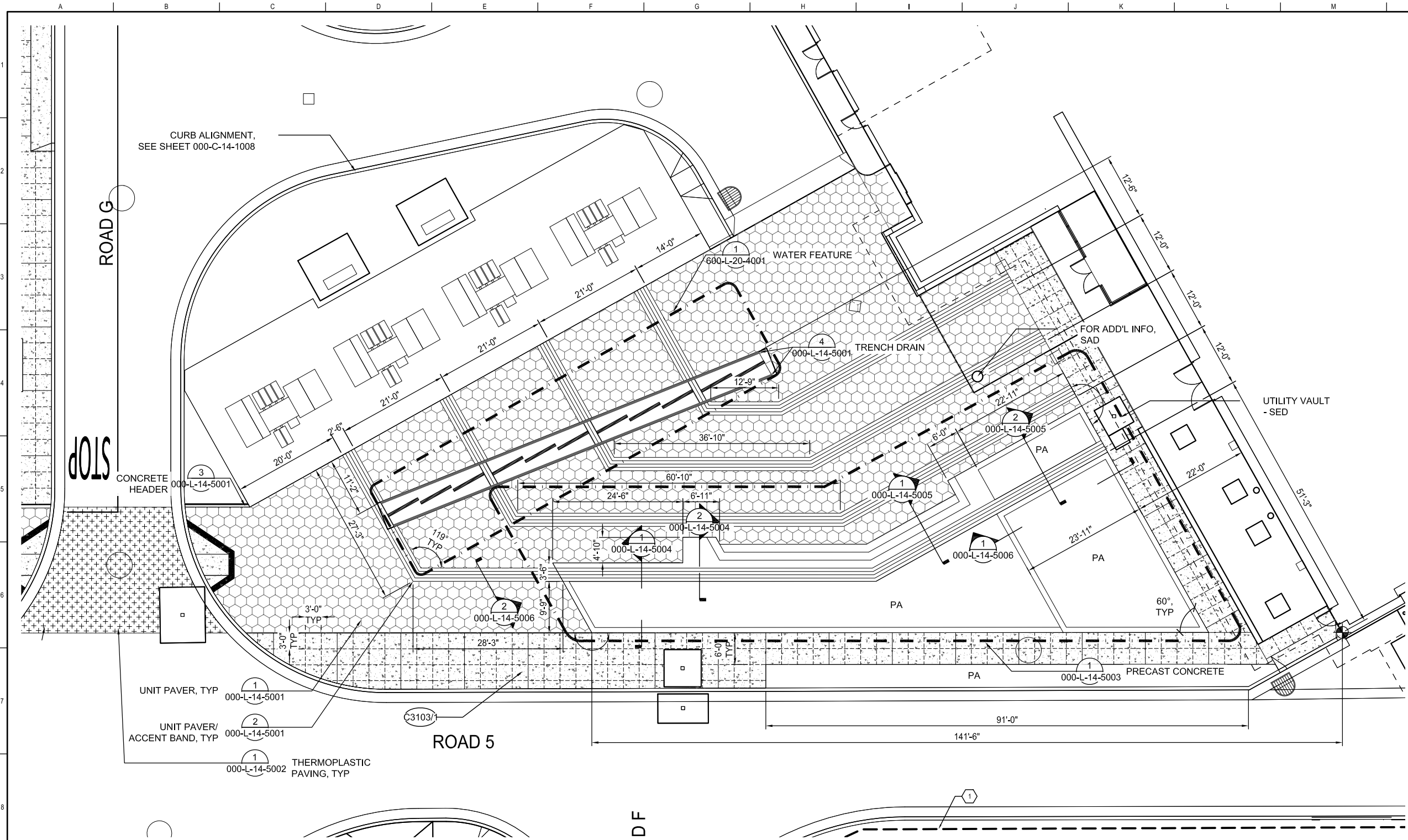
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CIRCULATE WITHOUT THE EXPRESSED  
PERMISSION OF THE SFPUC.

ELEVATION  
DATUM  
CITY



SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	APPROVED
REVISIONS	





**GENERAL SHEET NOTES**

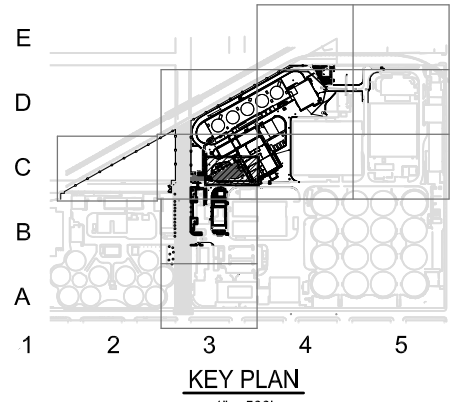
- SEE 000-G-01-7005 FOR LAYOUT NOTES.
- SEE CIVIL DRAWINGS FOR PAVING INFORMATION.

**SHEET KEYNOTES**

- LIMIT OF WORK (LOW)

**LEGEND ITEMS**

- LAYOUT POINT OF BEGINNING [POB]
- ALIGN

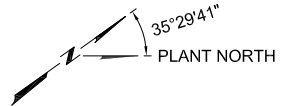


**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**ENLARGED LAYOUT PLAN - FACILITY**  
600 ENTRY COURT

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-4001	
REVISION NO.	

**PLAN**  
1"=10'



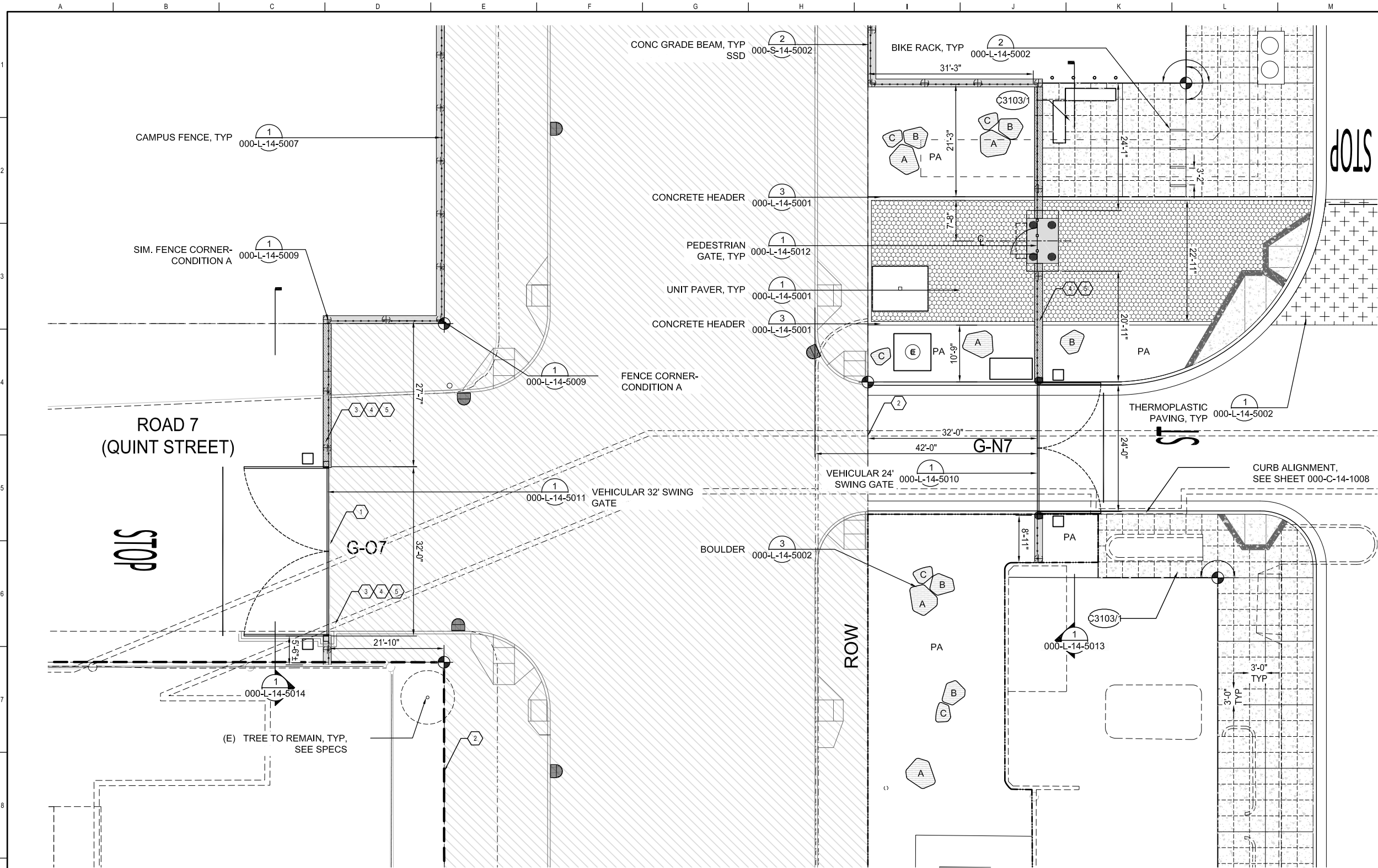
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ELEVATION  
DATUM  
CITY



<b>PUBLIC WORKS</b>		SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT	A. ALFONSO	DRAWN	D. ALCANTARA ORTIZ
SECTION MANAGER	T. ESTERBROOKS	DESIGNED	N. ANCEL
APPROVED	T. ESTERBROOKS	CHECKED	J. COOPER
NO.	DATE	DESCRIPTION	BY
		REVISIONS	



**GENERAL SHEET NOTES**

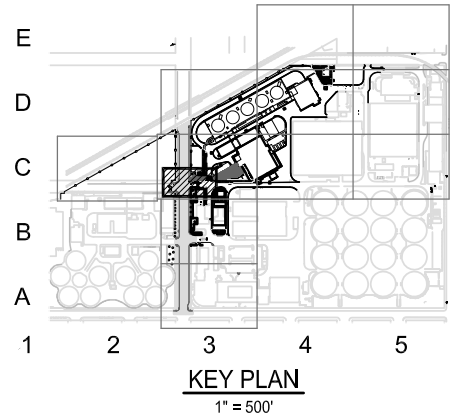
1. SEE 000-G-01-7005 FOR LAYOUT NOTES.
2. SEE CIVIL DRAWINGS FOR PAVING INFORMATION.
3. SEE JERROLD AVENUE STREETSCAPE IMPROVEMENTS DWGS FOR JERROLD AVENUE LAYOUT AND PAVING INFORMATION.

**SHEET KEYNOTES**

1. LIMIT OF WORK (LOW)
2. PROPERTY LINE
3. CONTRACTOR TO POTHOLE AND CONFIRM LOCATION OF UNDERGROUND UTILITIES/STRUCTURES.
4. FOR GRADE BEAMS INFORMATION, SEE STRUCTURAL DRAWINGS.
5. FOR UNDERGROUND UTILITY LOCATIONS, SEE CIVIL DRAWINGS.

**LEGEND ITEMS**

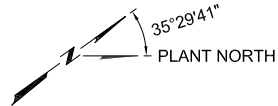
- LAYOUT POINT OF BEGINNING [POB]
- ALIGN
- JERROLD AVENUE STREETSCAPE IMPROVEMENTS PROJECT
- LIMIT OF (E) LAWN TO BE REMOVED
- DIMPLED PATTERN FENCE ON OFFSET GRADE BEAM
- FENCE POST PILE, SSD
- REINFORCED CONC PILE, SSD



**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
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 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
 BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**ENLARGED LAYOUT PLAN - G-07 AND G-N7**  
 VEHICLE AND PEDESTRIAN GATES

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	DATE
Dec 30, 2020	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-4002	
REVISIONS	REVISION NO.



**PLAN**  
 1"=10'

**FOR CONSTRUCTION**  
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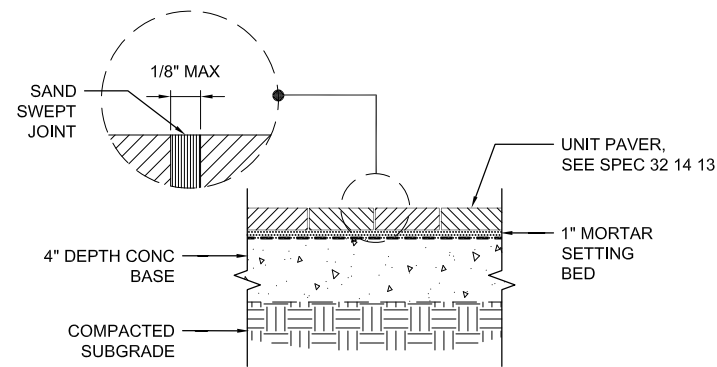
ELEVATION  
 DATUM  
 CITY



SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE

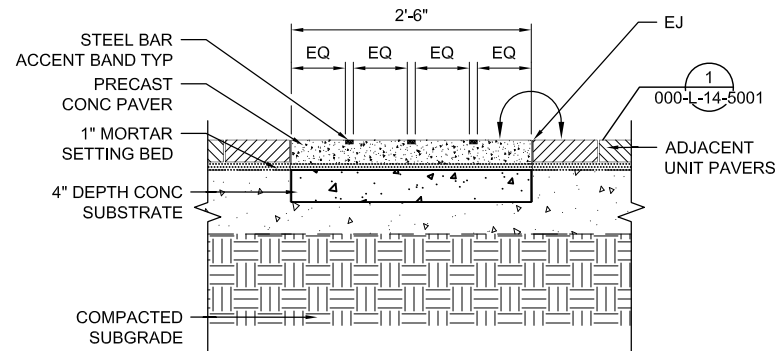
**GENERAL SHEET NOTES**

- SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.



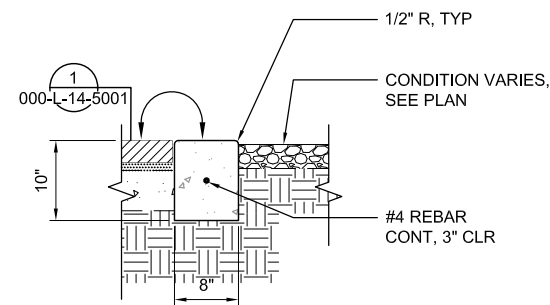
**NOTE:**  
SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION

**1 UNIT PAVER**  
000-L-14-5001 SCALE: 1" = 1'-0"

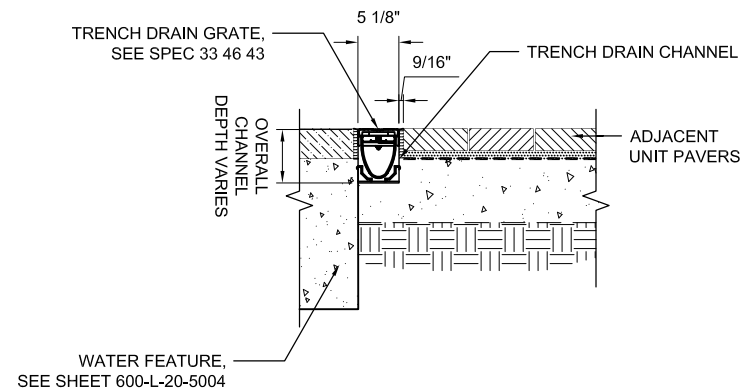


**NOTE:**  
1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION  
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF LAYOUT AND COORDINATE WITH INSTALLATION OF PRECAST CONCRETE WALLS AND TERRACES

**2 UNIT PAVER / ACCENT BAND**  
000-L-14-5001 SCALE: 1" = 1'-0"



**3 CONCRETE HEADER**  
000-L-14-5001 SCALE: 1" = 1'-0"



**NOTE:**  
1. THE FINISHED LEVEL OF THE PAVERS MUST BE APPROXIMATELY 0.1" ABOVE THE TOP OF THE CHANNEL EDGE.  
2. INSTALLED PER MANUFACTURER'S RECOMMENDATION.

**4 TRENCH DRAIN**  
000-L-14-5001 SCALE: 1" = 1'-0"

**CONTRACT NO. WW-647R**  
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ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT  
GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
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ELEVATION DATUM  
CITY

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5001	
REVISION NO.	

**GENERAL SHEET NOTES**

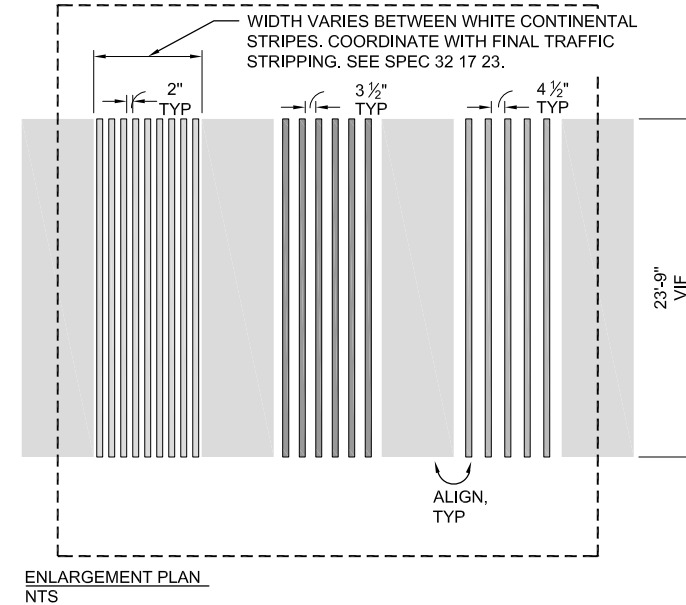
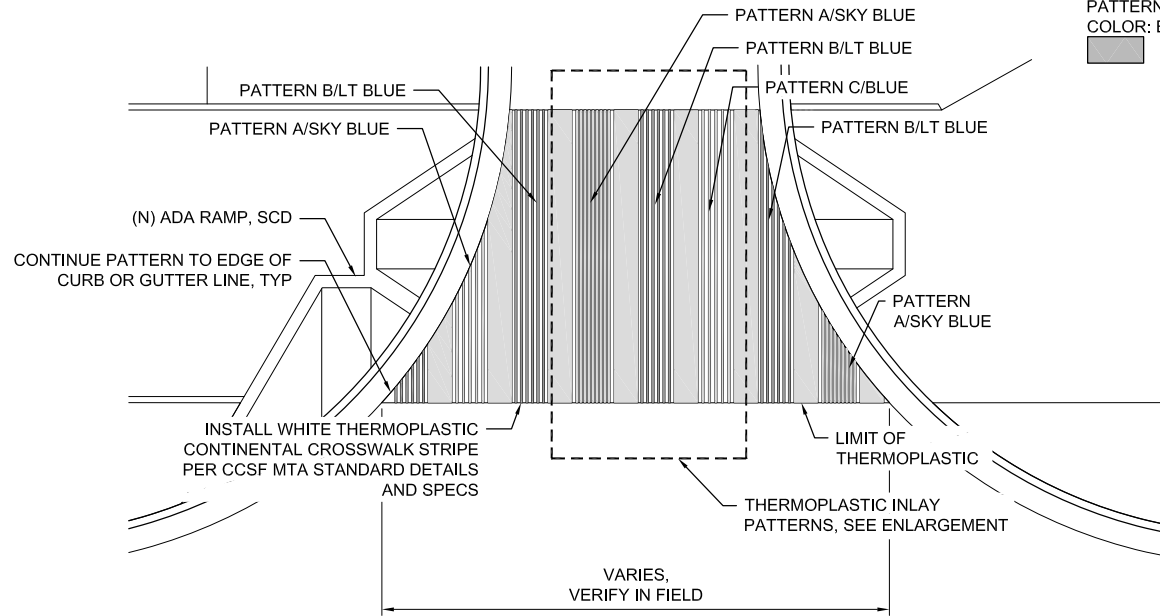
- SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.

**NOTES:**

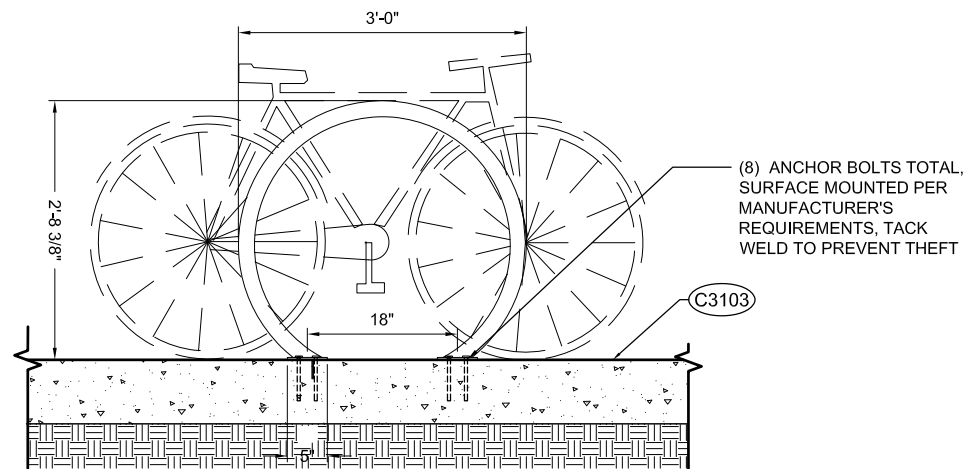
- THERMOPLASTIC INLAIN STRIPING AVAILABLE FROM ENNIS-FLINT AT 425.760.4452, OR APPROVED EQUAL
- FINAL STRIPING LAYOUT AND ALIGNMENT TO BE APPROVED IN FIELD BY CITY REPRESENTATIVE.
- CONTRACTOR TO PROVIDE MOCK UP FOR APPROVAL BY CITY REPRESENTATIVE.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY CITY REPRESENTATIVE.
- THERMOPLASTIC CROSSWALK STRIPES TO BE 2" WIDE, TYP.
- STANDARD COLOR SELECTION TO BE PROVIDED BY CITY REPRESENTATIVE, SEE SPEC 32 17 25.
- CONTRACTOR TO PROVIDE AUTHORIZED INSTALLER CERTIFICATION, SEE SPEC 32 17 25.

**LEGEND**

- PATTERN: A  
COLOR: SKY BLUE
- PATTERN: B  
COLOR: LT BLUE
- PATTERN: C  
COLOR: BLUE



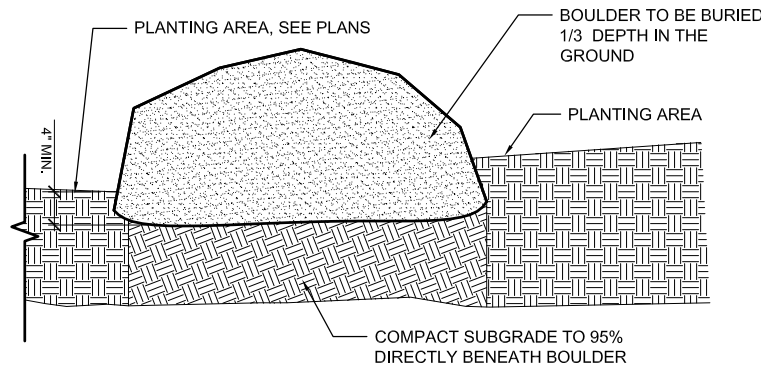
**1 THERMOPLASTIC PAVING**  
000-L-14-5002 SCALE: 1/8" = 1'-0"



**NOTES:**

- ALL BIKE RACKS TO BE LOCATED 2'-0" TYP. FROM FACE OF CURB.
- EXACT LOCATION TO BE VERIFIED IN FIELD BY CITY REPRESENTATIVE.
- SEE SPECS FOR PRODUCT INFO.

**2 BIKE RACK**  
000-L-14-5002 SCALE: 1" = 1'-0"



**NOTE:**

- CONTRACTOR TO PROVIDE PHOTOS OF BOULDERS AND SAMPLE OF ROCK TO CITY REPRESENTATIVE FOR APPROVAL
- FINAL LOCATION AND ORIENTATION OF BOULDERS TO BE DETERMINED IN FIELD BY CITY REPRESENTATIVE
- SEE BOULDER SCHEDULE FOR BOULDER TYPES

**3 BOULDER**  
000-L-14-5002 SCALE: 1" = 1'-0"

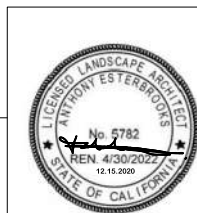
**BOULDER SCHEDULE**

TYPE	ITEM	COUNT
A	60" x 60" x 60" SONOMA FIELDSTONE BOULDER	9
B	48" x 48" x 48" SONOMA FIELDSTONE BOULDER	10
C	36" x 36" x 36" SONOMA FIELDSTONE BOULDER	6

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ELEVATION DATUM  
CITY



SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	

<b>CONTRACT NO. WW-647R</b>	
CITY AND COUNTY OF SAN FRANCISCO <b>PUBLIC UTILITIES COMMISSION</b> INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU	
SOUTHEAST WATER POLLUTION CONTROL PLANT BIOSOLIDS DIGESTER FACILITIES PROJECT	
GENERAL SITEWIDE <b>LANDSCAPE DETAILS</b>	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5002	
REVISION NO.	



**GENERAL SHEET NOTES**

1. SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
2. SEE SHEET 000-L-15-4001 FOR GRADING INFORMATION.
3. CONTRACTOR TO PROVIDE SHOP DRAWINGS & STRUCTURAL CALCULATIONS FOR CONCRETE WALLS AND ACCENT BANDS FOR REVIEW BY CITY REPRESENTATIVE.

- NOTES:**
1. FOR ELEVATIONS, SEE GRADING PLAN.
  2. CONTRACTOR TO PROVIDE MOCK UP OF PRE-CAST CONCRETE PANELS FOR APPROVAL BY CITY REPRESENTATIVE.
  3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL BY CITY REPRESENTATIVE.

**LEGEND**

PRECAST CONCRETE WALL "A"



PRECAST CONCRETE PLINTH "B"



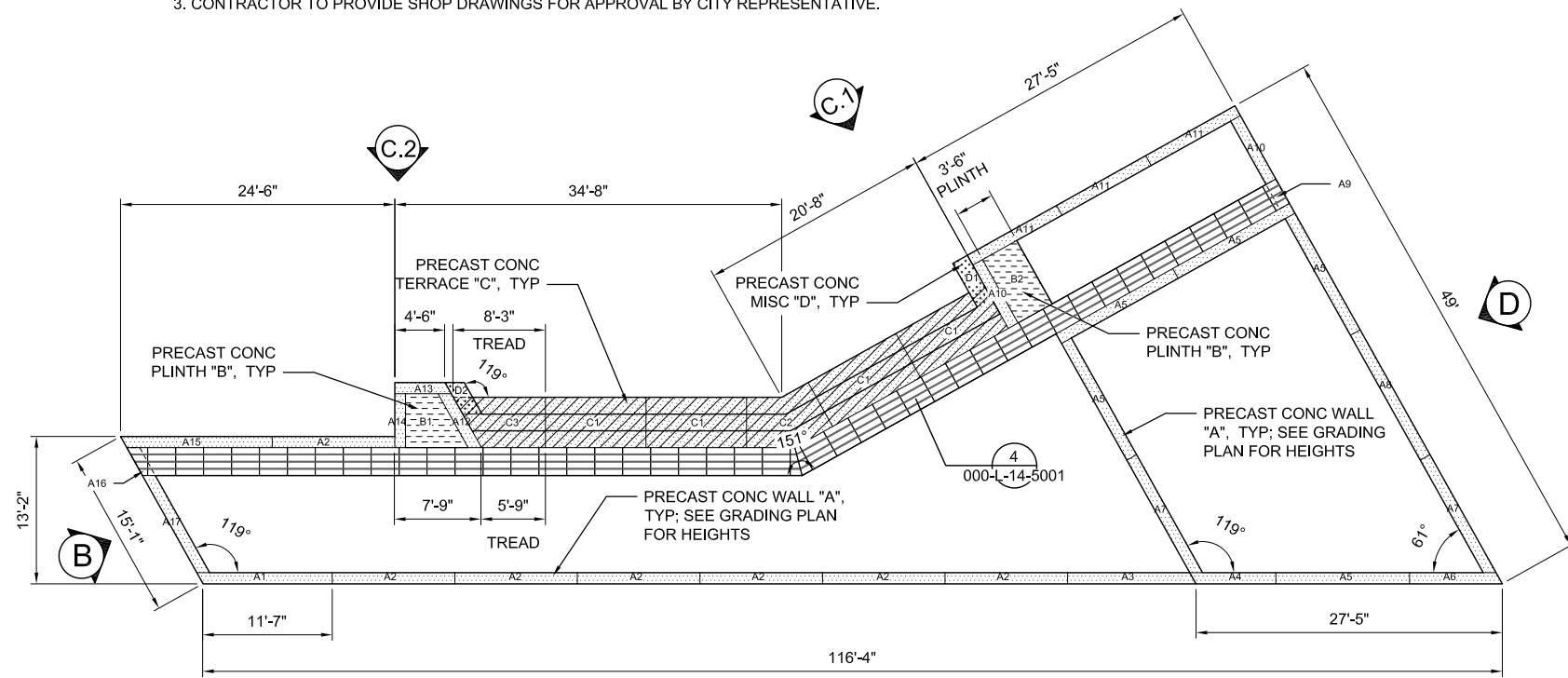
PRECAST CONCRETE TERRACE "C"



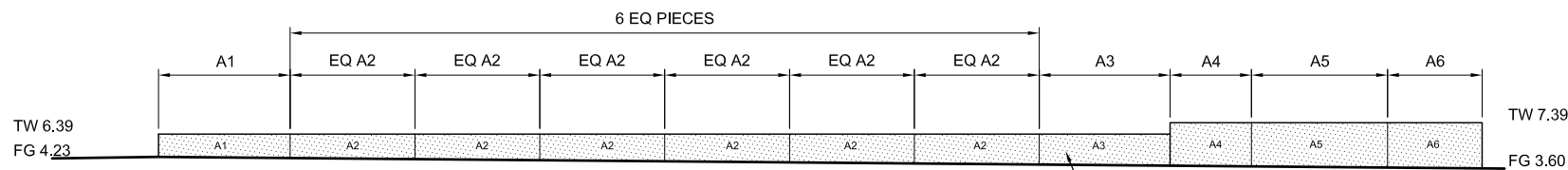
PRECAST CONCRETE MISC "D"



UNIT PAVER W/ ACCENT BAND

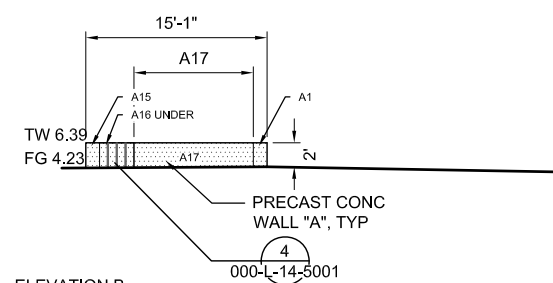


**ENLARGEMENT PLAN**  
SCALE: 1/8" = 1'-0"

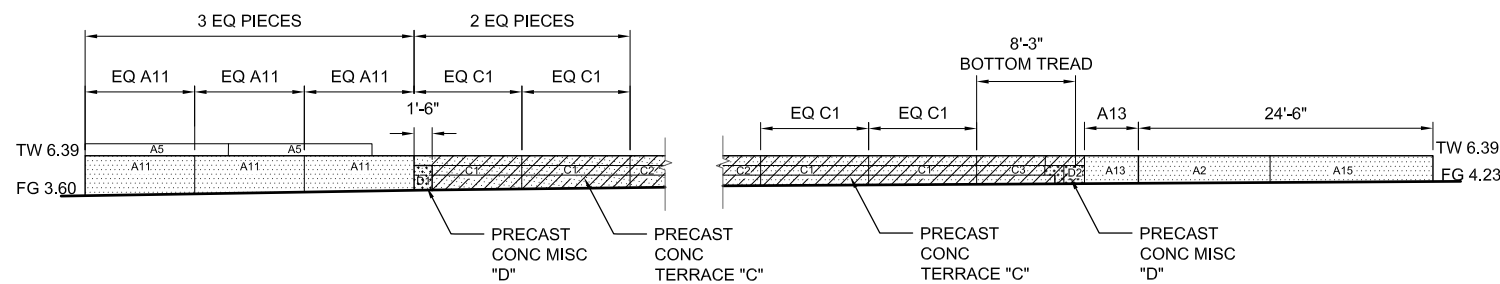


**ELEVATION A**  
SCALE: 1/8" = 1'-0"

PRECAST CONC WALL "A", TYP;  
SEE GRADING PLAN FOR HEIGHTS



**ELEVATION B**  
SCALE: 1/8" = 1'-0"



**ELEVATION C.1**  
SCALE: 1/8" = 1'-0"

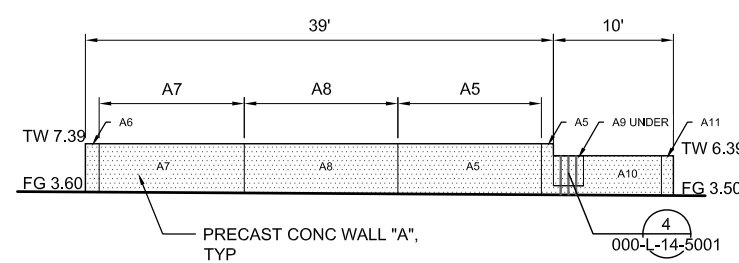
**ELEVATION C.2**  
SCALE: 1/8" = 1'-0"

PRECAST CONC MISC "D"

PRECAST CONC TERRACE "C"

PRECAST CONC TERRACE "C"

PRECAST CONC MISC "D"



**ELEVATION D**  
SCALE: 1/8" = 1'-0"

PRECAST CONC WALL "A", TYP

**1 PRECAST CONCRETE DETAILS**  
000-L-14-5003 SCALE: 1/8" = 1'-0"

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ELEVATION DATUM  
CITY



**SAN FRANCISCO PUBLIC WORKS**  
BUILDING DESIGN & CONSTRUCTION DIVISION  
BUREAU OF LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWW ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
REVISIONS	REVISION NO.

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT BIOSOLIDS DIGESTER FACILITIES PROJECT**

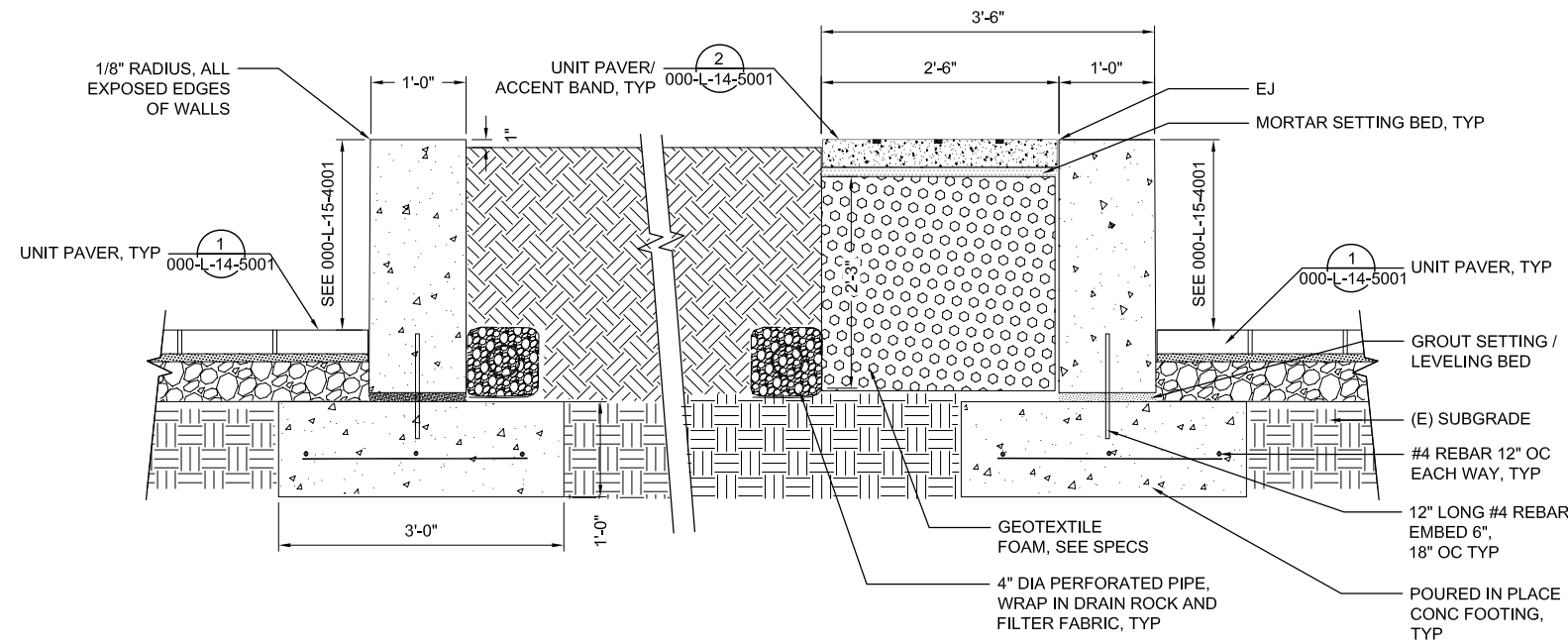
GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWW O&M MANAGER	SCALE
APPROVED	DATE
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWW ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
REVISIONS	REVISION NO.

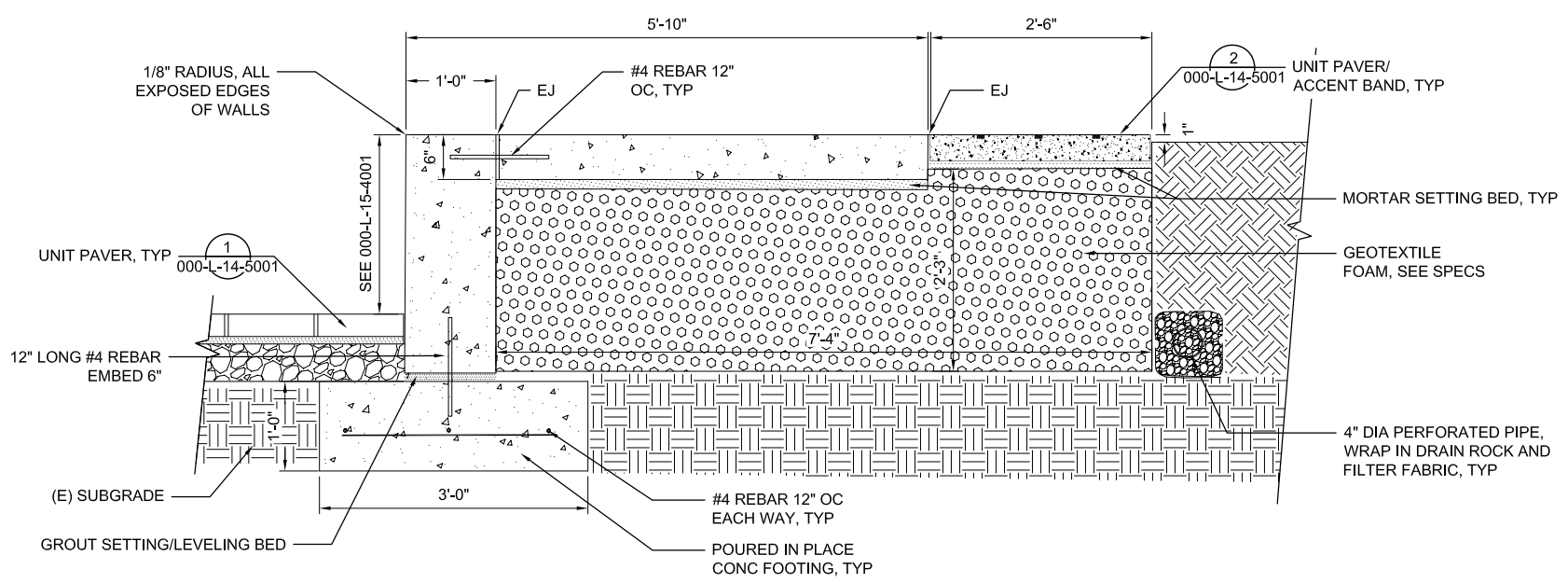
000-L-14-5003

**GENERAL SHEET NOTES**

- SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS & STRUCTURAL CALCULATIONS FOR CONCRETE WALLS AND ACCENT BANDS FOR REVIEW BY CITY REPRESENTATIVE.



**1 PRECAST CONCRETE WALL - SECTION A**  
000-L-14-5004 SCALE: 1" = 1'-0"



**2 PRECAST CONCRETE WALL - SECTION A**  
000-L-14-5004 SCALE: 1" = 1'-0"

**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE	
LANDSCAPE DETAILS	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5004	

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT	DRAWN
A. ALFONSO	D. ALCANTARA ORTIZ
SECTION MANAGER	DESIGNED
T. ESTERBROOKS	N. ANCEL
APPROVED	CHECKED
T. ESTERBROOKS	J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	
REVISIONS	



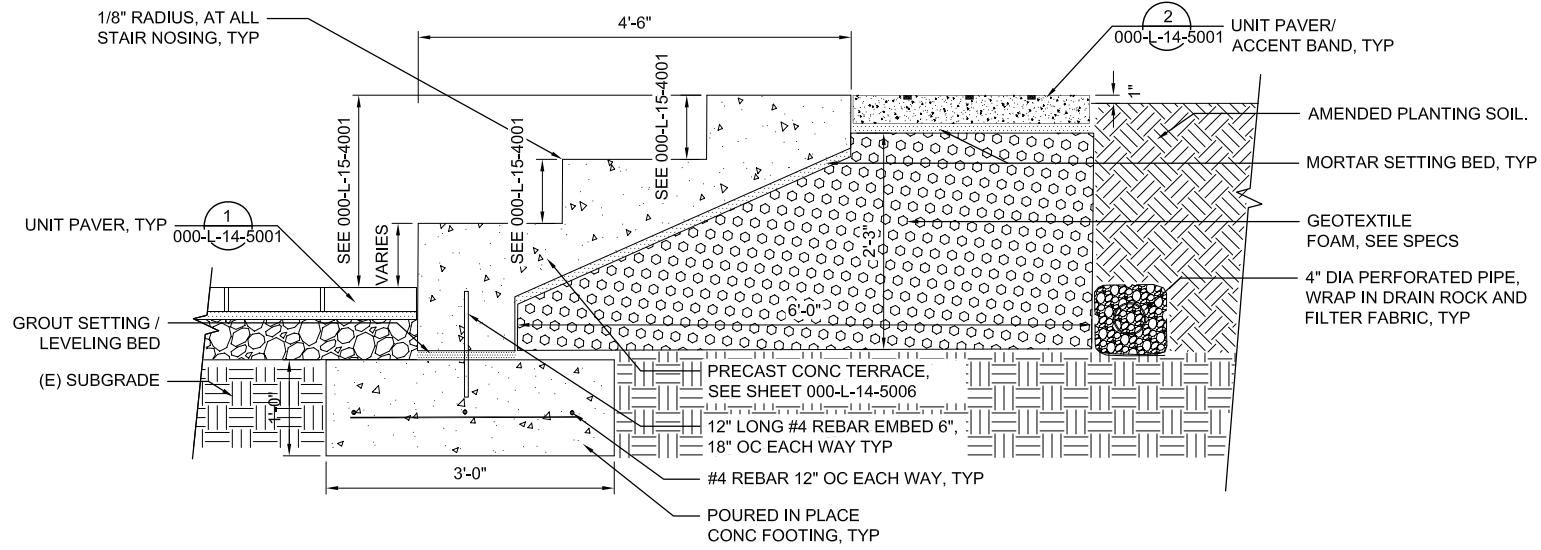
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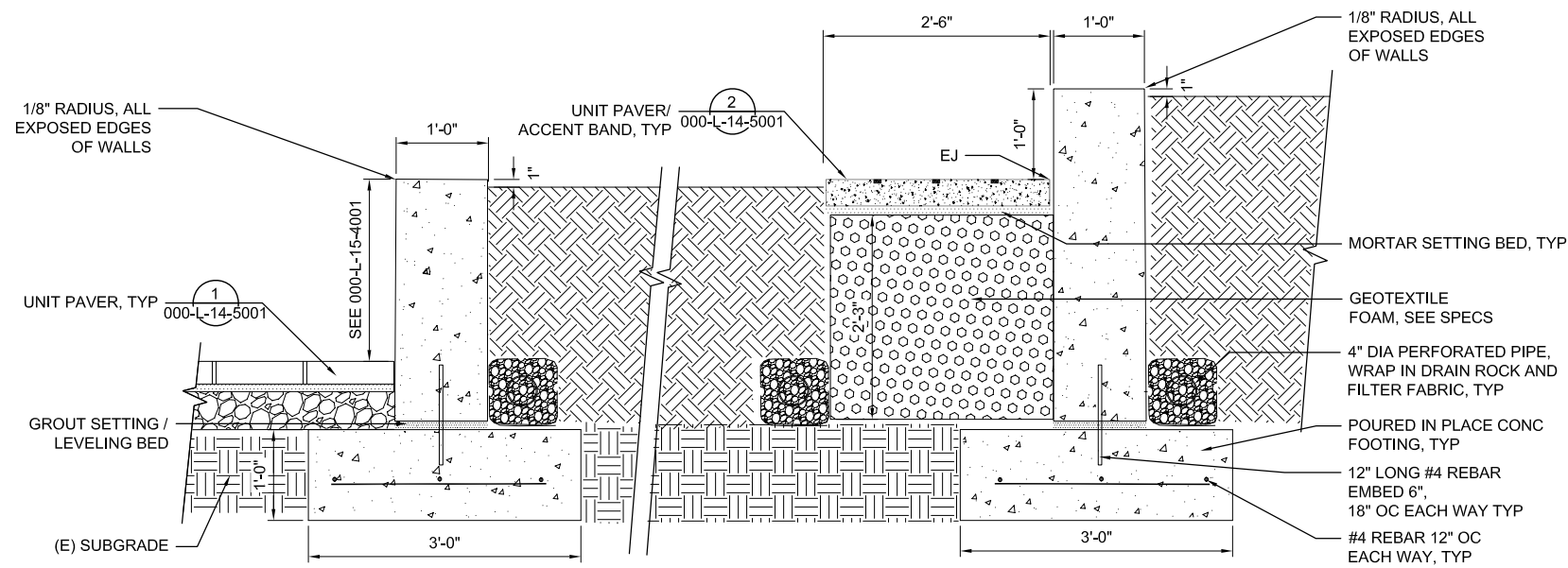
ELEVATION DATUM  
CITY

**GENERAL SHEET NOTES**

- SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS & STRUCTURAL CALCULATIONS FOR CONCRETE WALLS AND ACCENT BANDS FOR REVIEW BY CITY REPRESENTATIVE.



**1 PRECAST CONCRETE WALL - SECTION C**  
000-L-14-5005 SCALE: 1" = 1'-0"



**2 PRECAST CONCRETE WALL - SECTION D**  
000-L-14-5005 SCALE: 1" = 1'-0"

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
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ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	



**FOR CONSTRUCTION**  
Scope II

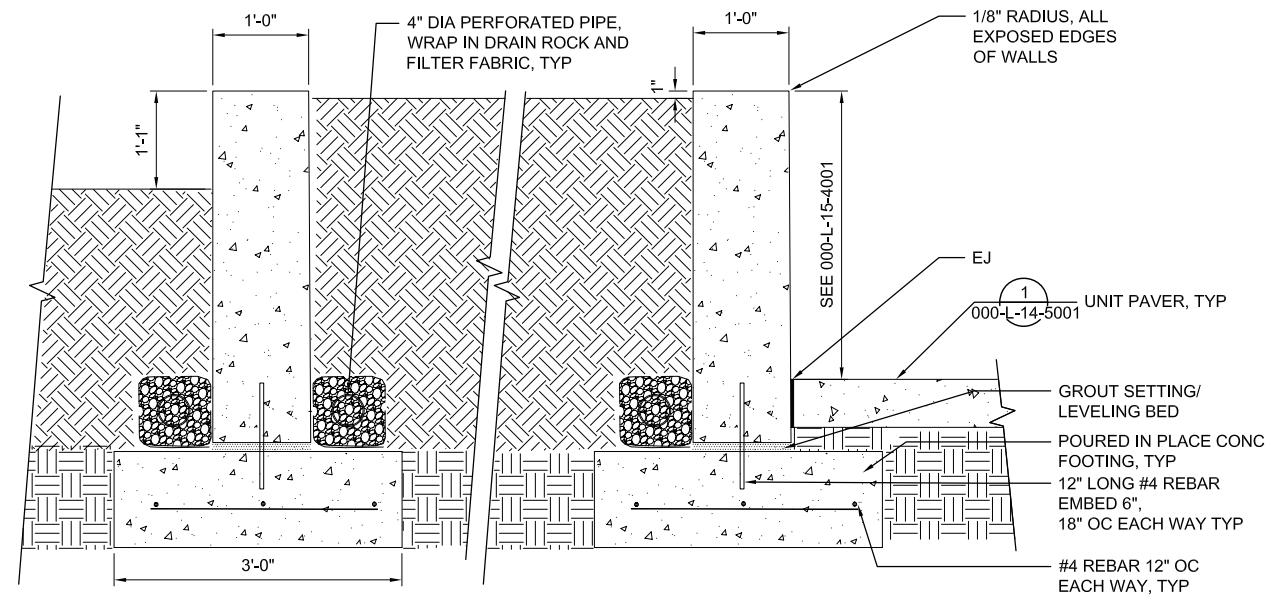
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ELEVATION DATUM  
CITY

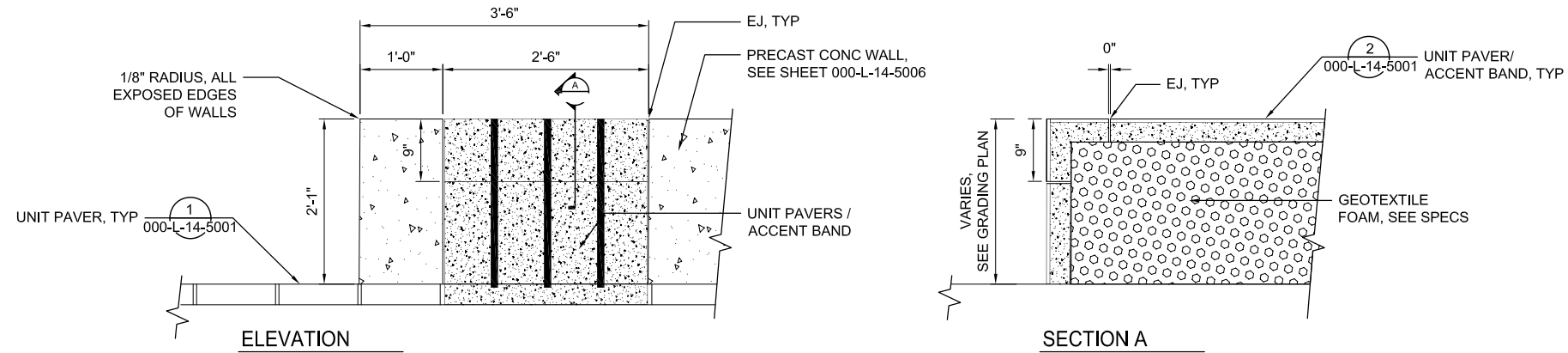
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE
AS SHOWN	DATE
Dec 30, 2020	
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5005	
	REVISION NO.

**GENERAL SHEET NOTES**

- SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
- CONTRACTOR TO PROVIDE SHOP DRAWINGS & STRUCTURAL CALCULATIONS FOR CONCRETE WALLS AND ACCENT BANDS FOR REVIEW BY CITY REPRESENTATIVE.



1 PRECAST CONCRETE WALL - SECTION E  
000-L-14-5006 SCALE: 1" = 1'-0"



2 ACCENT BAND TYPE II - VERTICAL  
000-L-14-5006 SCALE: 1" = 1'-0"

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
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INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
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REVISION NO.	

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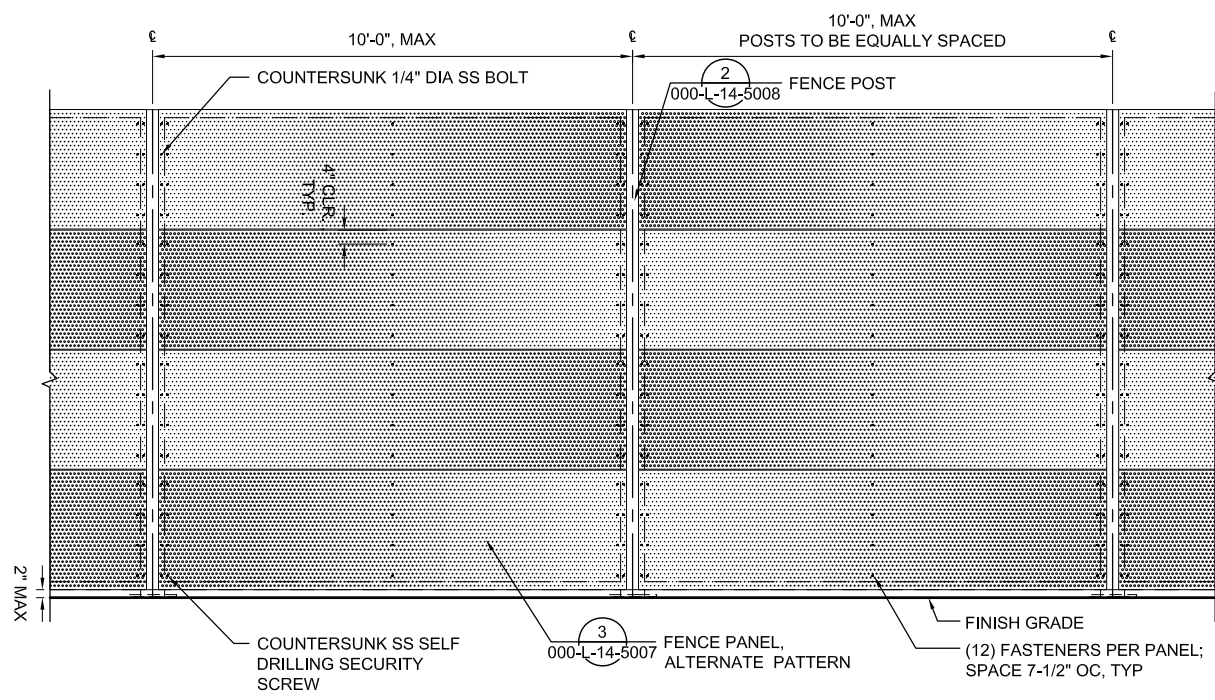
ELEVATION  
DATUM  
CITY



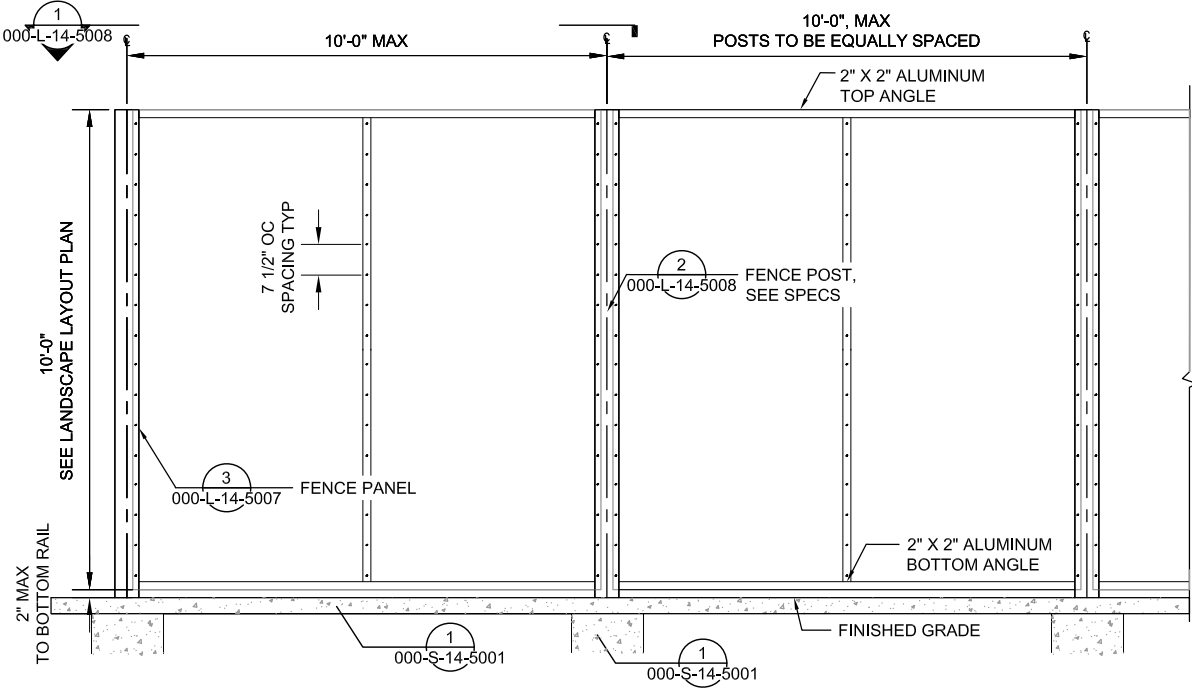


**GENERAL SHEET NOTES**

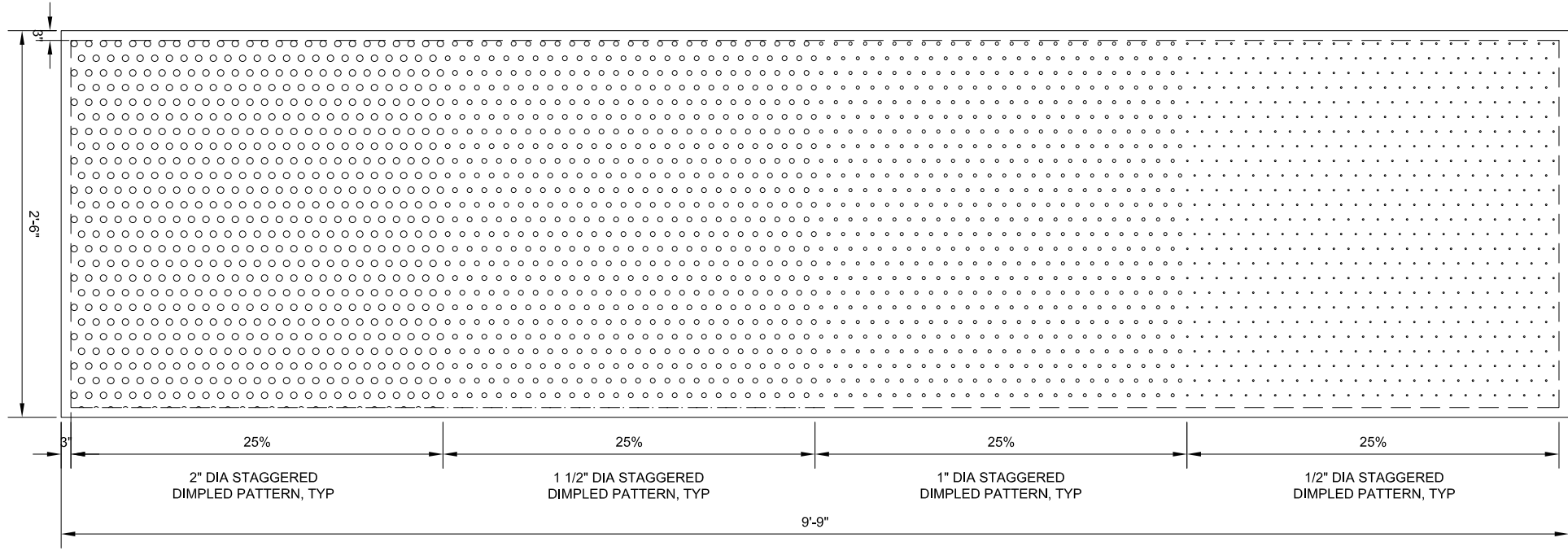
1. SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL ATTACHMENTS, PANELS, HARDWARE, BEAMS, FRAMES AND ALL OTHER APPURTENANCES FOR THE CAMPUS FENCE FOR APPROVAL BY CITY REPRESENTATIVE.
3. STEEL POSTS TO BE GALVANIZED.
4. WELD AND GRIND SMOOTH ALL JOINTS AND CONNECTIONS.
5. FOR COLOR AND FINISH, SEE SPEC 32 31 19.



**1** CAMPUS FENCE  
000-L-14-5007 SCALE: 1/2" = 1'-0"



**2** CAMPUS FENCE- FRAME AND POSTS EXTERIOR VIEW  
000-L-14-5007 SCALE: 1/2" = 1'-0"



**3** FENCE PANEL - DIMPLED PATTERN ENLARGEMENT  
000-L-14-5007 SCALE: NTS

**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE		LANDSCAPE DETAILS	
CHECKED / APPROVED	DRAWN	CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED	SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE	AS SHOWN	DATE
APPROVED	T. ESTERBROOKS	APPROVED	J. COOPER
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	PLAN NO.	DRAWING / FILE NO.
		000-L-14-5007	

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE			
PROJECT LANDSCAPE ARCHITECT	DRAWN	D. ALCANTARA ORTIZ	
A. ALFONSO	DESIGNED	N. ANCEL	
SECTION MANAGER	DESIGNED	N. ANCEL	
T. ESTERBROOKS	CHECKED	J. COOPER	
APPROVED	T. ESTERBROOKS	J. COOPER	
NO.	DATE	DESCRIPTION	BY
		REVISIONS	



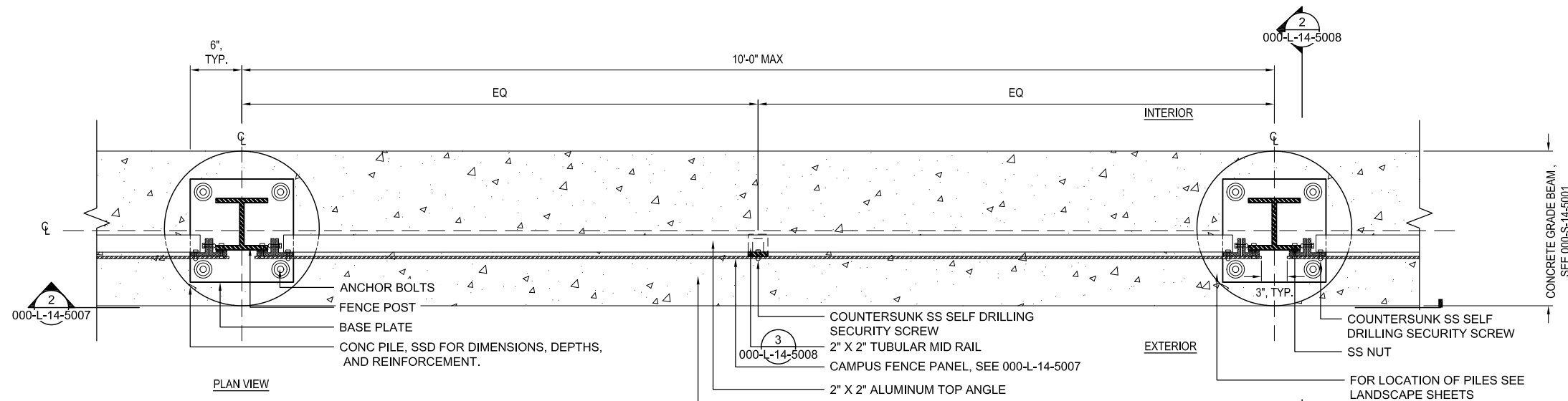
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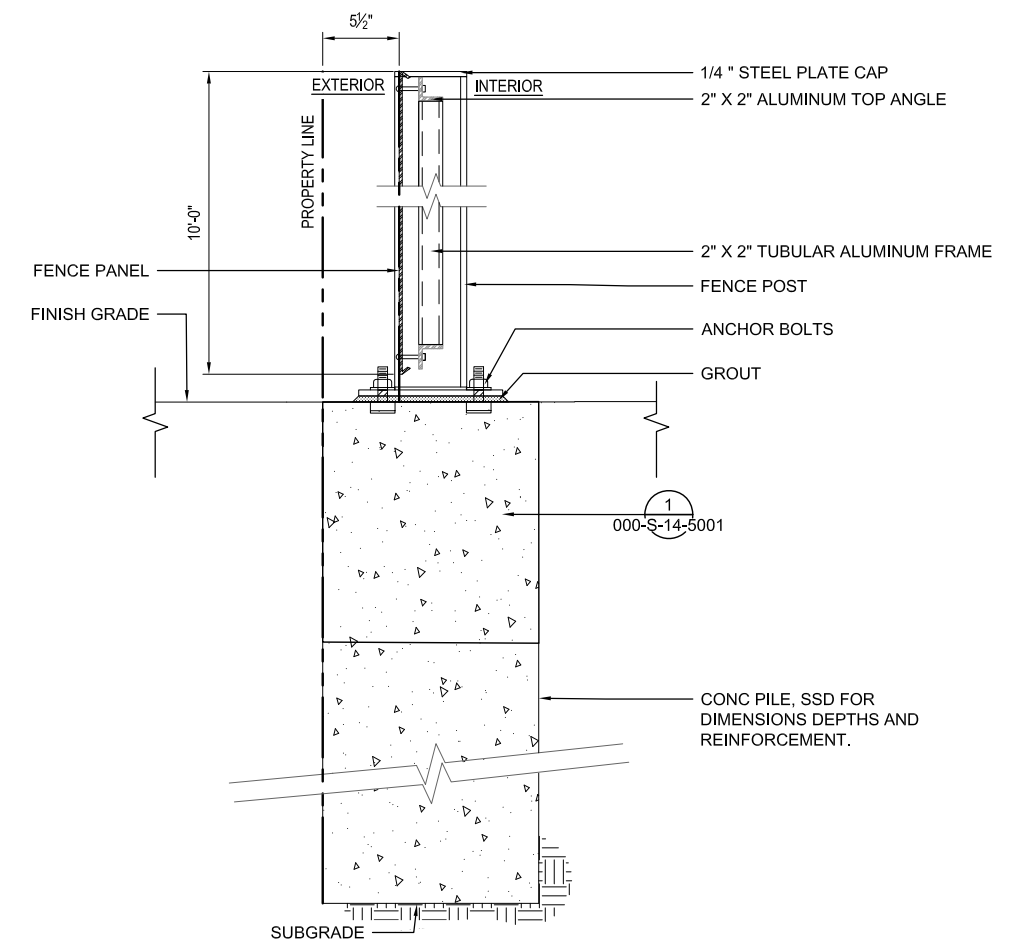
ELEVATION  
DATUM  
CITY

**GENERAL SHEET NOTES**

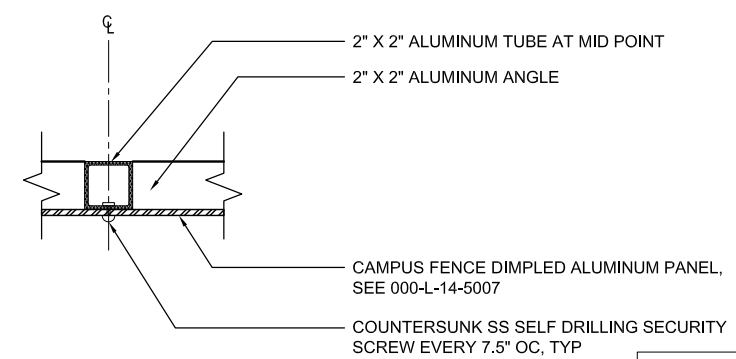
1. SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
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3. STEEL POSTS TO BE GALVANIZED.
4. WELD AND GRIND SMOOTH ALL JOINTS AND CONNECTIONS.
5. FOR COLOR AND FINISH, SEE SPEC 32 31 19.
6. PROVIDE NEOPRENE WASHERS BETWEEN H-BEAM POST AND ALUMINUM CONNECTIONS.



**1 CAMPUS FENCE**  
000-L-14-5008 SCALE: 1 1/2" = 1'-0"



**2 FENCE - POST**  
000-L-14-5008 SCALE: 1 1/2" = 1'-0"



**3 FASTENER DETAIL @ MID RAIL**  
000-L-14-5008 SCALE: 3" = 1'-0"

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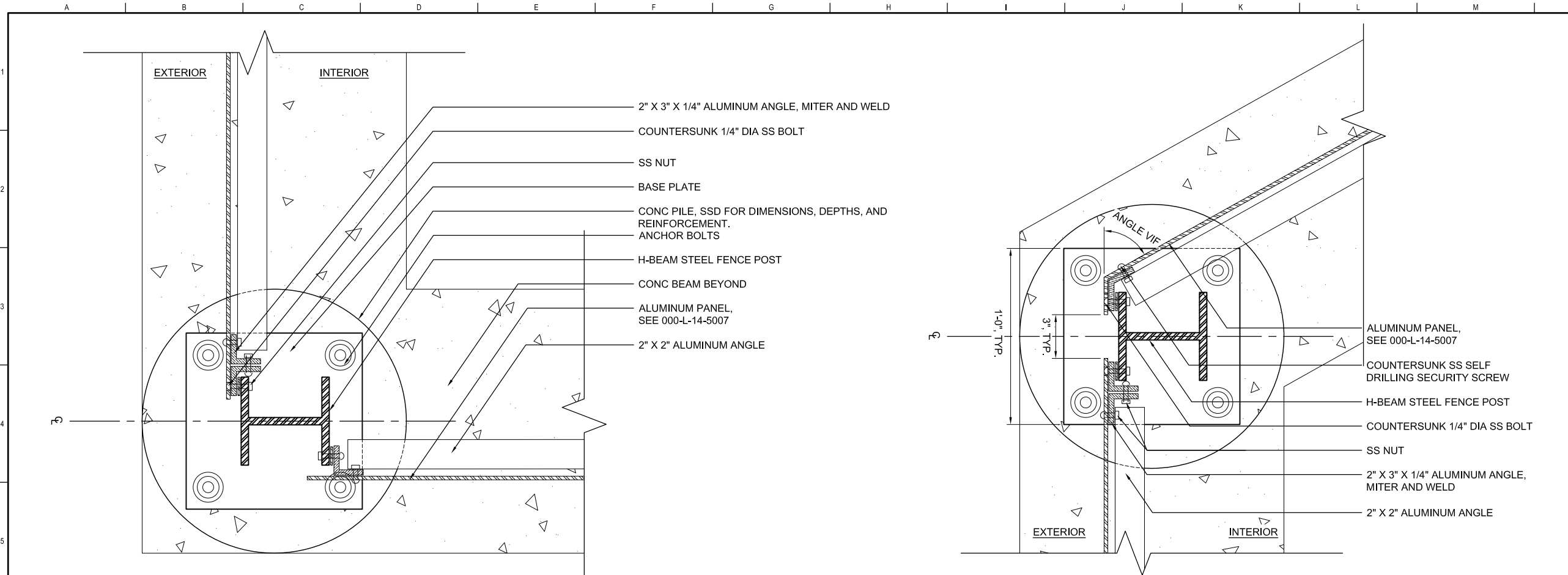
ELEVATION DATUM  
CITY



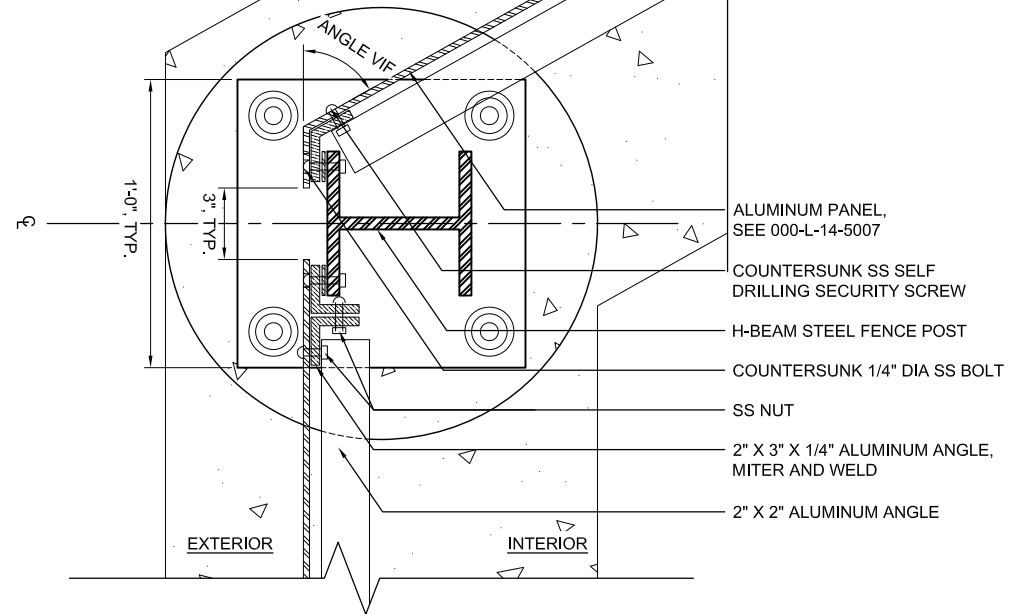
SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	APPROVED
REVISIONS	

**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT BIOSOLIDS DIGESTER FACILITIES PROJECT**

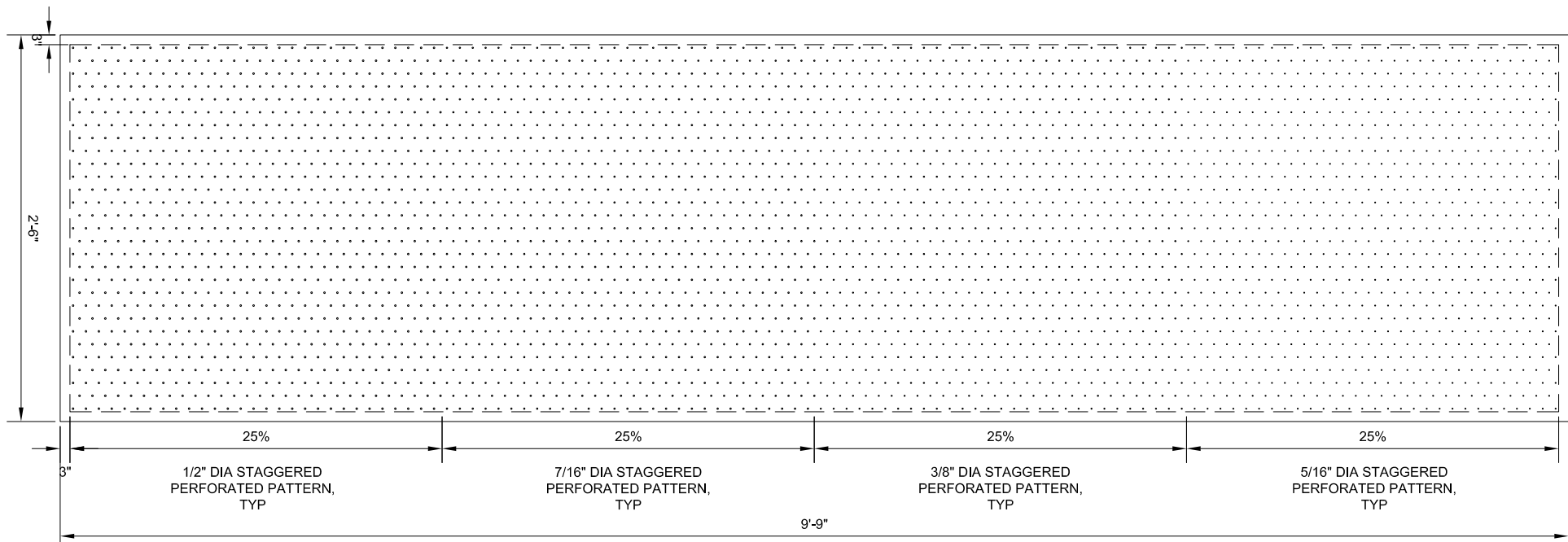
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LANDSCAPE DETAILS	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5008	
REVISION NO.	



1 FENCE CORNER - CONDITION A  
000-L-14-5009 SCALE: 3" = 1'-0"



2 FENCE CORNER - CONDITION B  
000-L-14-5009 SCALE: 3" = 1'-0"



3 FENCE PANEL - PERFORATED PATTERN ENLARGEMENT  
000-L-14-5009 SCALE: NTS

NOTE: PERFORATED PATTERN TO OCCUR ONLY AT VEHICULAR GATES

**GENERAL SHEET NOTES**

- SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
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- STEEL POSTS TO BE GALVANIZED.
- WELD AND GRIND SMOOTH ALL JOINTS AND CONNECTIONS.
- FOR COLOR AND FINISH, SEE SPEC 32 31 19.
- PROVIDE NEOPRENE WASHERS BETWEEN H-BEAM POST AND ALUMINUM CONNECTIONS.

**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
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**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

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SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5009	

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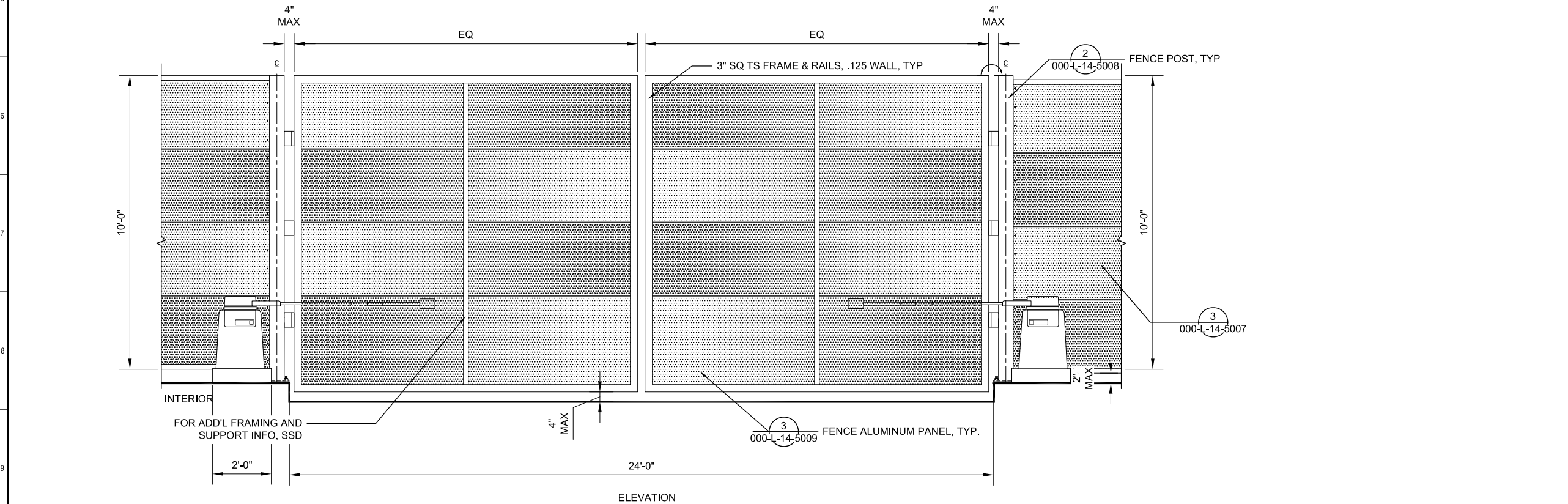
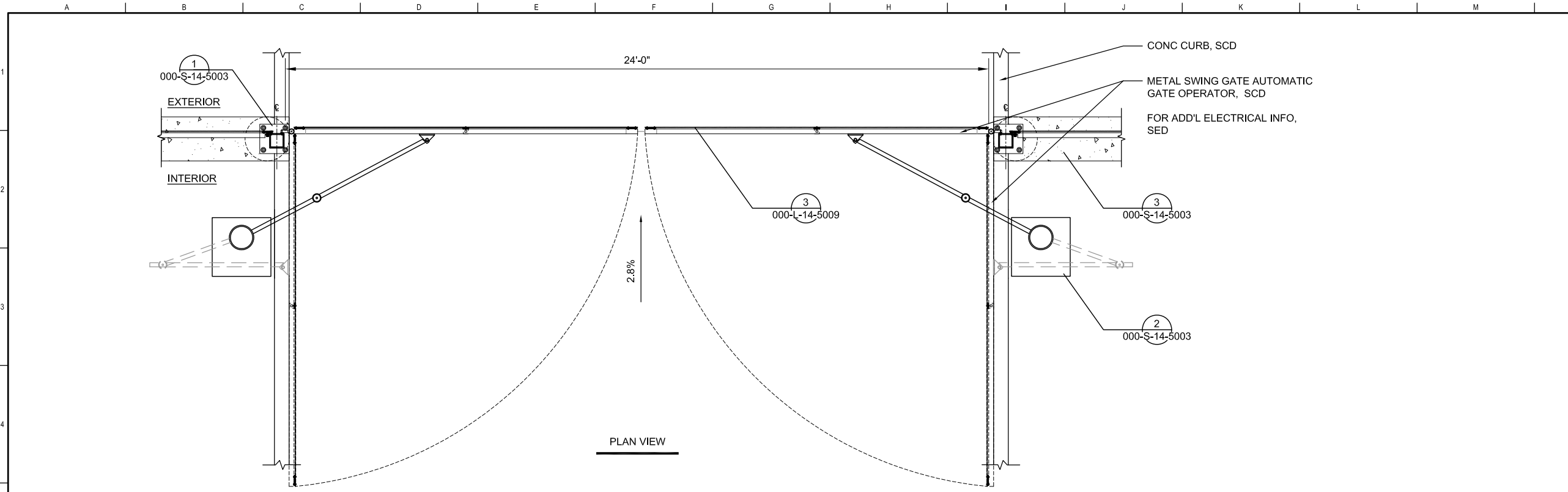
PROJECT LANDSCAPE ARCHITECT	DRAWN			
A. ALFONSO	D. ALCANTARA ORTIZ			
SECTION MANAGER	DESIGNED			
T. ESTERBROOKS	N. ANCEL			
APPROVED	CHECKED			
T. ESTERBROOKS	J. COOPER			
NO.	DATE	DESCRIPTION	BY	APPRD
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1 VEHICULAR 24' SWING GATE  
000-L-14-5010 SCALE: 1/2" = 1'-0"

**GENERAL SHEET NOTES**

1. SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL ATTACHMENTS, PANELS, HARDWARE, BEAMS, FRAMES AND ALL OTHER APPURTENANCES FOR THE CAMPUS FENCE AND GATES FOR APPROVAL BY CITY REPRESENTATIVE.
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INFRASTRUCTURE DIVISION  
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BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

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SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5010	

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PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
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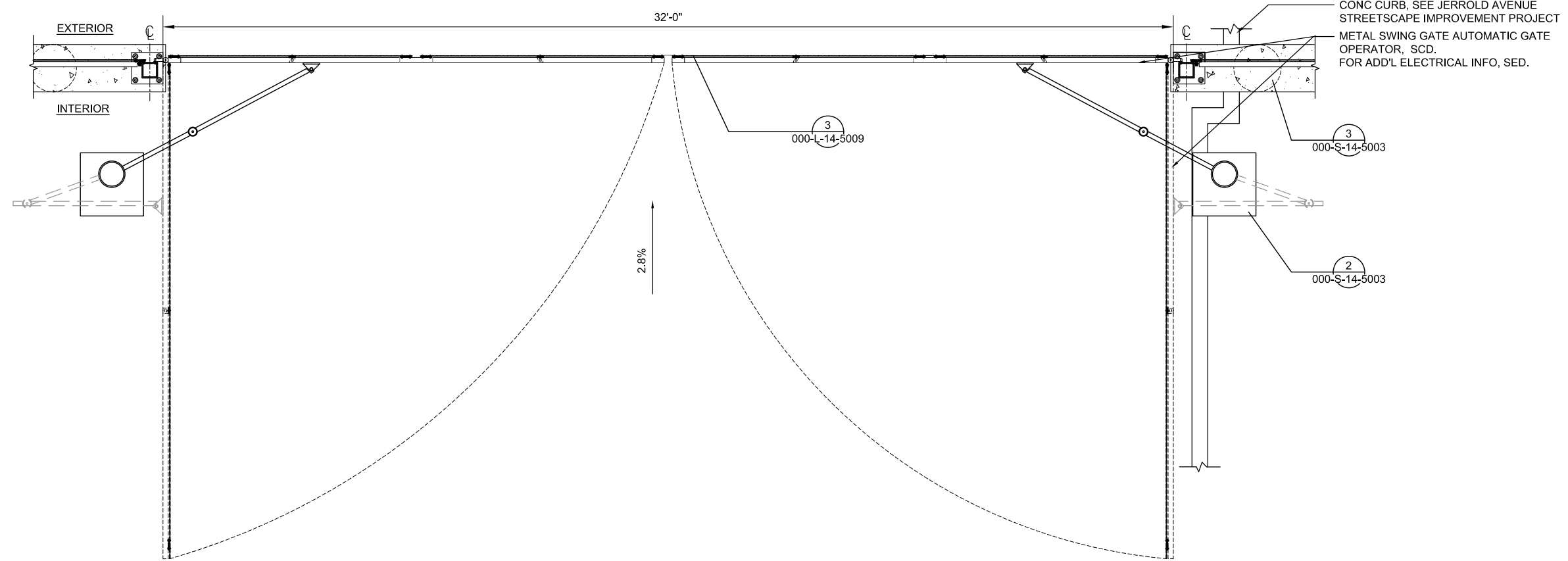
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CITY

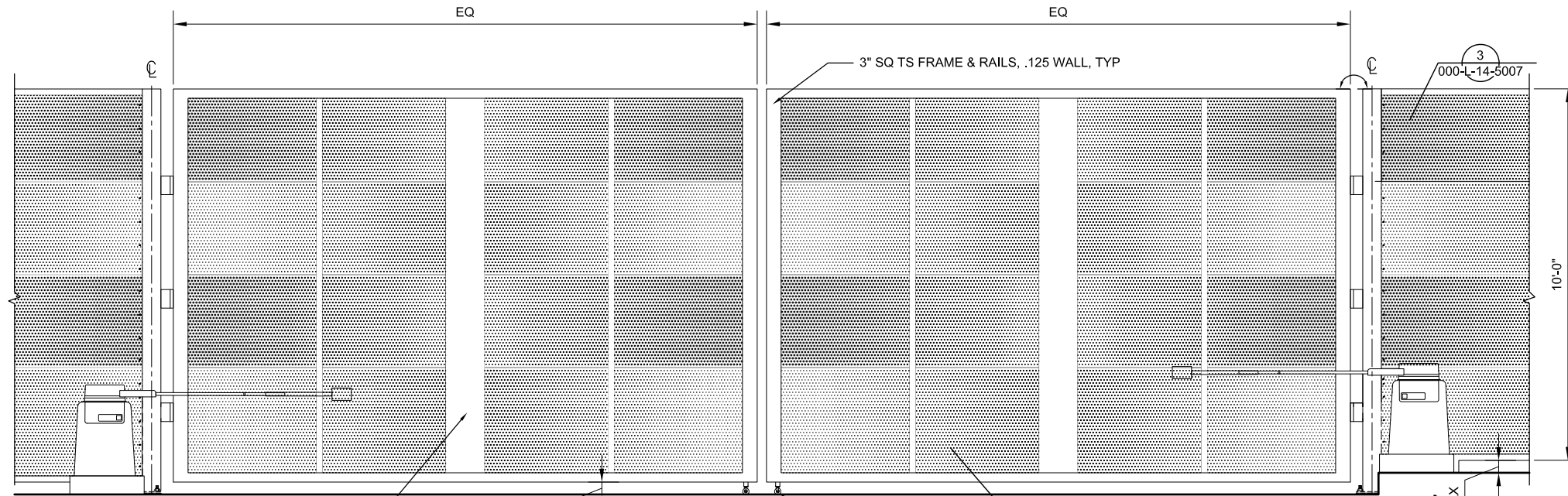


**GENERAL SHEET NOTES**

1. SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
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5. FOR COLOR AND FINISH, SEE SPEC 32 3119.



PLAN VIEW



ELEVATION

FOR ADD'L FRAMING AND SUPPORT INFO, SSD

1 VEHICULAR 32' SWING GATE  
000-L-14-5011 SCALE: 1/2" = 1'-0"

**FOR CONSTRUCTION**

Scope II

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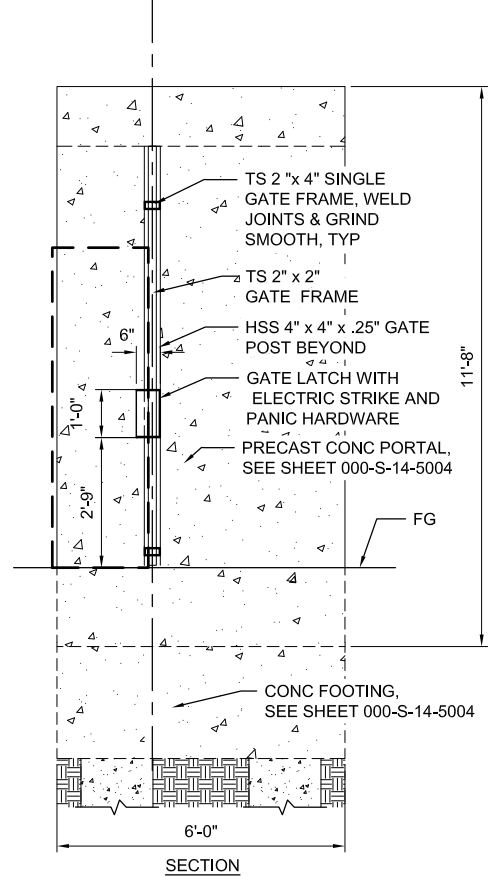
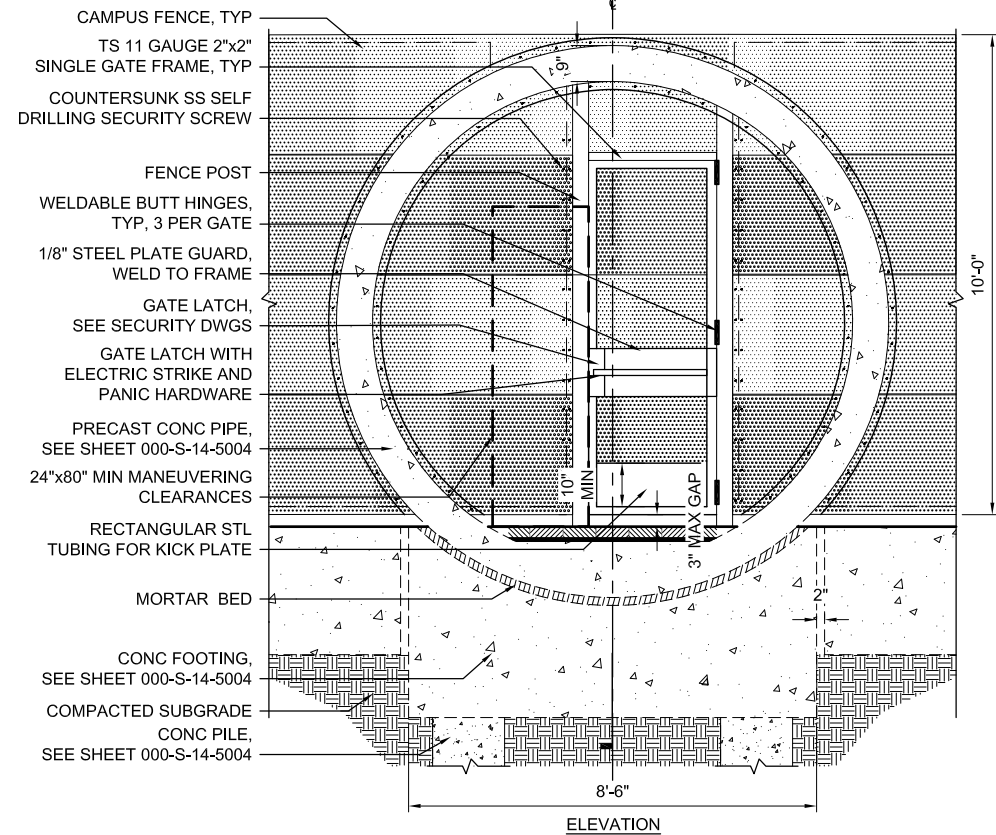
SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE				
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ			
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL			
APPROVED T. ESTERBROOKS	CHECKED J. COOPER			
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 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

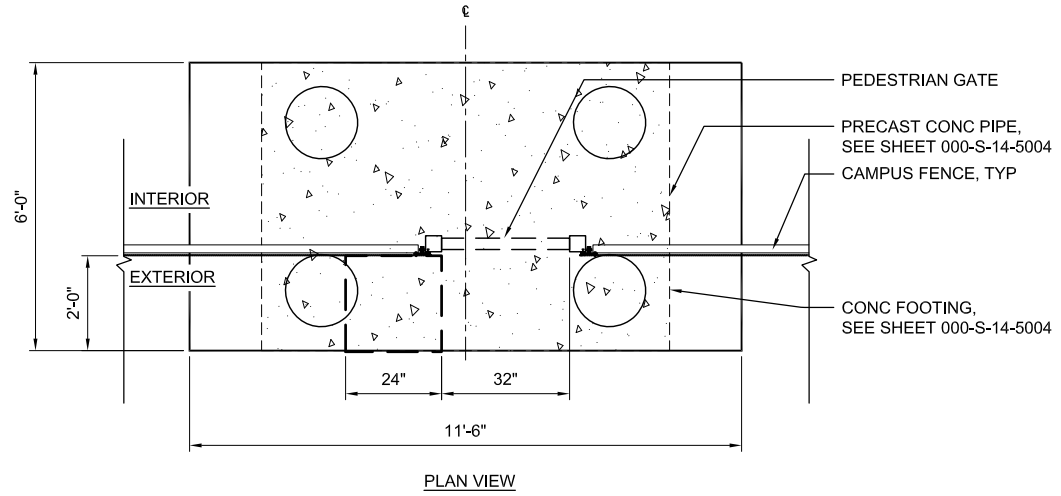
GENERAL SITEWIDE	
LANDSCAPE DETAILS	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE: AS SHOWN
APPROVED	DATE: Dec 30, 2020
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-L-14-5011</b>	DRAWING / FILE NO.
	REVISION NO.

**GENERAL SHEET NOTES**

- SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
- CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL ATTACHMENTS, PANELS, HARDWARE, BEAMS, FRAMES AND ALL OTHER APPURTENANCES FOR THE CAMPUS FENCE AND GATES FOR APPROVAL BY CITY REPRESENTATIVE.
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**2** PRECAST CONC PIPE  
000-L-14-5012 SCALE: 1/2" = 1'-0"



**1** PEDESTRIAN GATE  
000-L-14-5012 SCALE: 1/2" = 1'-0"

- NOTE:**
- THRESHOLDS SHALL NOT EXCEED 1/2" VERTICAL LEVEL DIFFERENCE MEASURED FROM EXTERIOR LANDING TO THE HIGHEST POINT OF THE THRESHOLD.
  - CLOSING SPEED TO BE LESS THAN 5 SECONDS, WHEN MOVING FROM AN OPEN POSITION OF 90 DEGREES TO WITHIN 12 DEGREES FROM LATCH.

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**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
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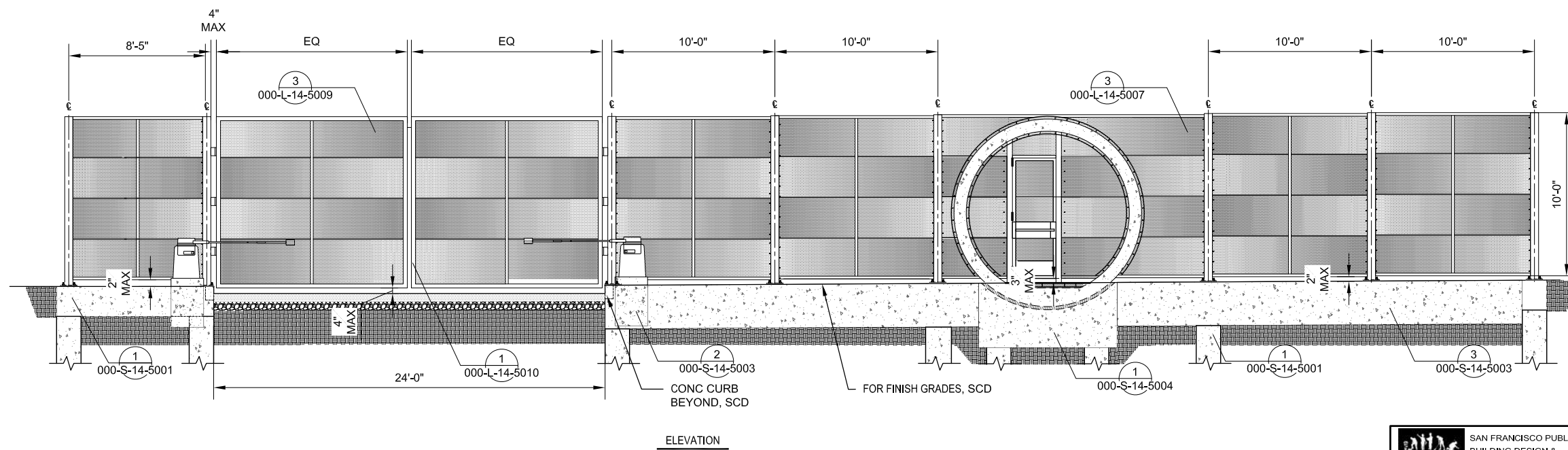
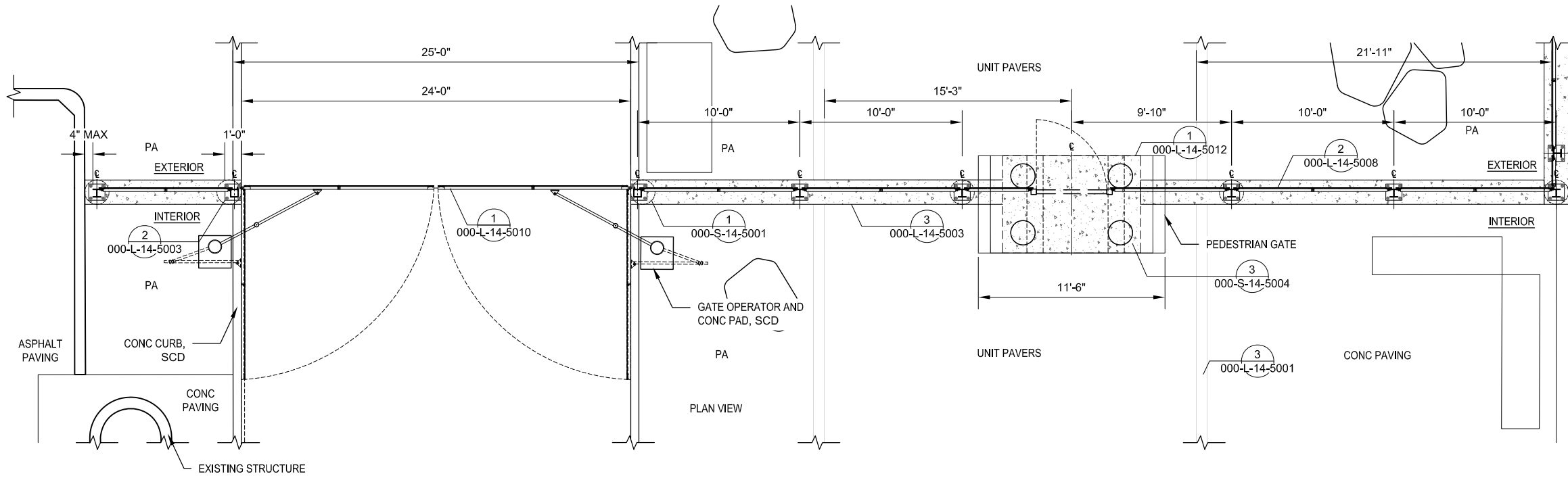
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ELEVATION DATUM  
CITY

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5012	
REVISION NO.	

**GENERAL SHEET NOTES**

1. SEE SHEETS 000-L-14-1004 THROUGH 000-L-14-4002 FOR DETAIL PLANS.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL ATTACHMENTS, PANELS, HARDWARE, BEAMS, FRAMES AND ALL OTHER APPURTENANCES FOR THE CAMPUS FENCE AND GATES FOR APPROVAL BY CITY REPRESENTATIVE.
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**BIO-SOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE	
LANDSCAPE DETAILS	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
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SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	



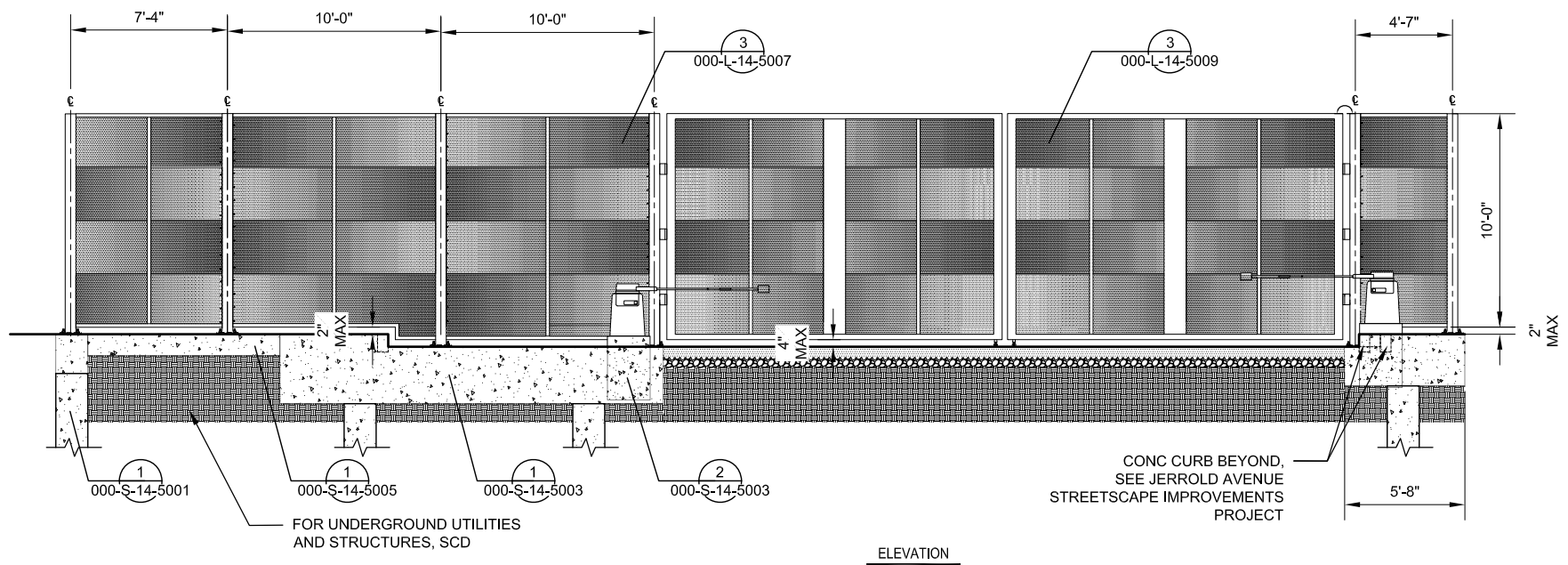
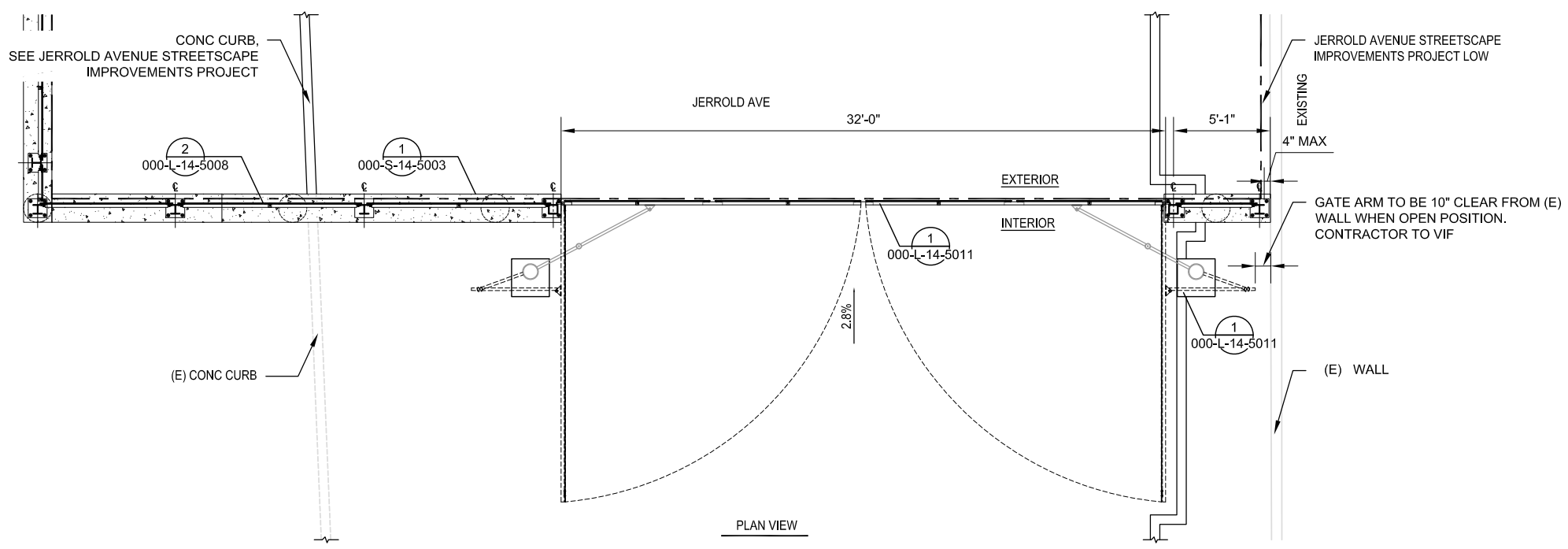
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ELEVATION DATUM  
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- WELD AND GRIND SMOOTH ALL JOINTS AND CONNECTIONS.
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**1** CAMPUS ENTRANCE - GATE G-07  
000-L-14-5014 SCALE: 1/4" = 1'-0"

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ENGINEERING MANAGEMENT BUREAU  
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GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-14-5014	

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BUILDING DESIGN & CONSTRUCTION DIVISION  
BUREAU OF LANDSCAPE ARCHITECTURE

PROJECT LANDSCAPE ARCHITECT	DRAWN			
A. ALFONSO	D. ALCANTARA ORTIZ			
SECTION MANAGER	DESIGNED			
T. ESTERBROOKS	N. ANCEL			
APPROVED	CHECKED			
T. ESTERBROOKS	J. COOPER			
NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				



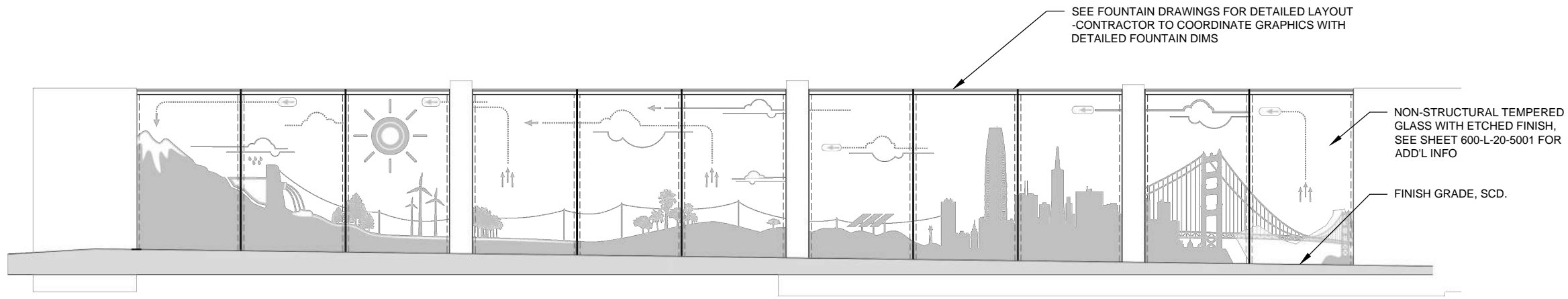
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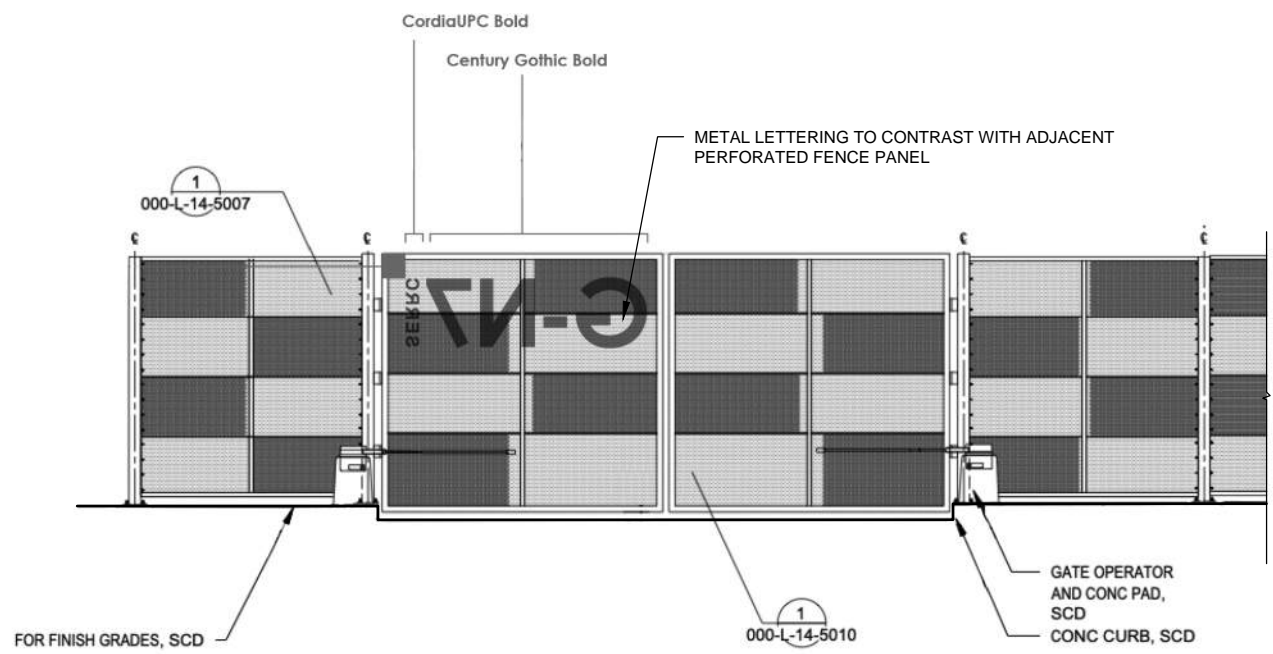
**GENERAL SHEET NOTES**

1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BY CITY REPRESENTATIVE.
2. FOR COLOR AND FINISH, SEE SPEC 32 31 19.



**1 FOUNTAIN GRAPHICS**  
000-L-14-5015 SCALE: 1/4" = 1'-0"

- NOTES:**
1. FINAL ART WORK IS TO BE PROVIDED BY CITY REPRESENTATIVE
  2. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF LAYOUT FOR FINAL APPROVAL BY CITY REPRESENTATIVE
  3. CONTRACTOR IS TO COORDINATE LAYOUT OF GRAPHIC WITH DETAILED FOUNTAIN DRAWINGS



**2 GATE GRAPHICS**  
000-L-14-5015 SCALE: 1/4" = 1'-0"



- NOTES:**  
DESIGN INTENT ONLY
1. MAGE SHOWN IS FOR REFERENCE ONLY
  2. METAL LETTERS AND NUMBERS TO CONTRAST WITH ADJACENT PERFORATED METAL PANEL.
  3. CONTRACTOR TO SUBMIT SAMPLE FOR APPROVAL BY CITY REPRESENTATIVE

**3 PERFORATED METAL LETTERING**  
000-L-14-5015 N.T.S.

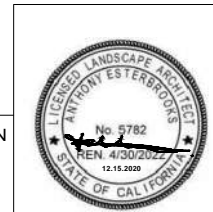
**CONTRACT NO. WW-647R**  
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BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
APPROVED	AS SHOWN	Dec 30, 2020
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION NO.
000-L-14-5015		

SAN FRANCISCO PUBLIC WORKS  
BUILDING DESIGN & CONSTRUCTION DIVISION  
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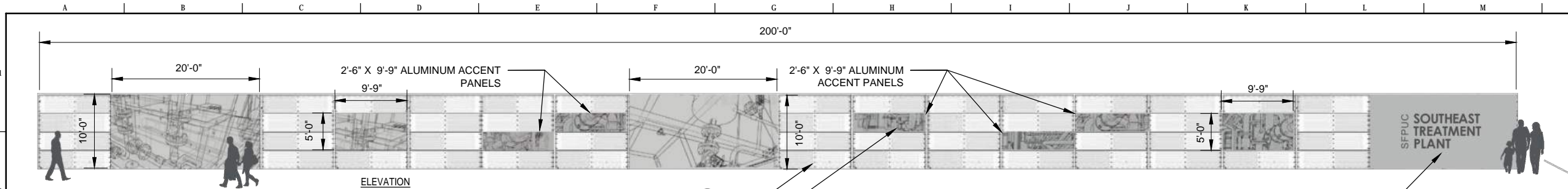
PROJECT LANDSCAPE ARCHITECT	A. ALFONSO	DRAWN	D. ALCANTARA ORTIZ
SECTION MANAGER	T. ESTERBROOKS	DESIGNED	N. ANCEL
APPROVED	T. ESTERBROOKS	CHECKED	J. COOPER
NO.	DATE	DESCRIPTION	BY
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ELEVATION DATUM  
**CITY**



**NOTES:**  
 1. FINAL ARTWORK TO BE PROVIDED BY CITY REPRESENTATIVE  
 2. CONTRACTOR IS TO SUBMIT SHOP DRAWINGS FOR APPROVAL BY CITY REPRESENTATIVE

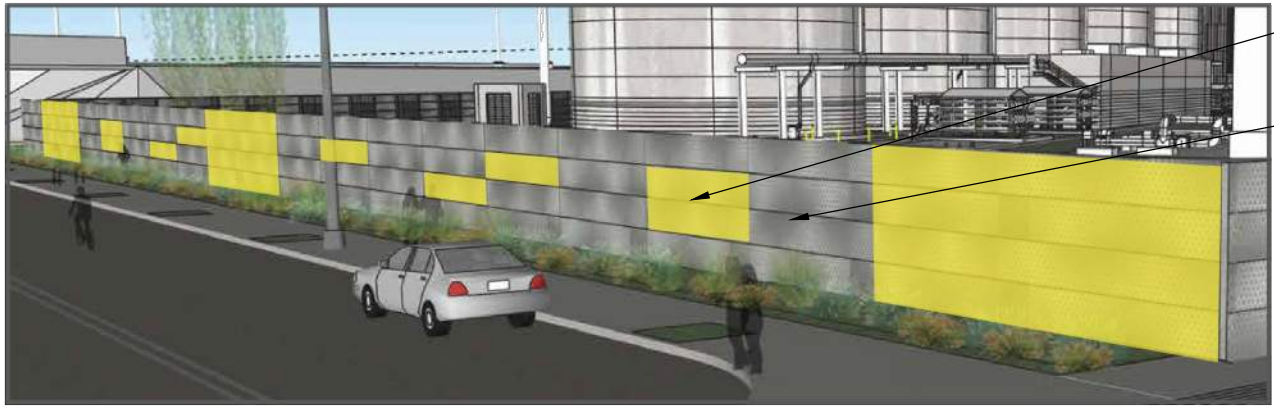
DIMPLED FENCE PANEL 000-L-14-5007  
 BRUSHED ALUMINUM ACCENT PANEL, 1/4" THICK TO ACCOMMODATE FENCE GRAPHIC

'SFPUC' TO BE IN CORDIAL UPC BOLD, FONT TO BE 8" TALL AND LENGTH TO BE EQUAL TO HEIGHT OF PLANT NAME. PLANT NAME IS TO BE DETERMINED, FONT TO BE CENTURY GOTHIC BOLD AND TO BE 1' TALL.

**GENERAL SHEET NOTES**

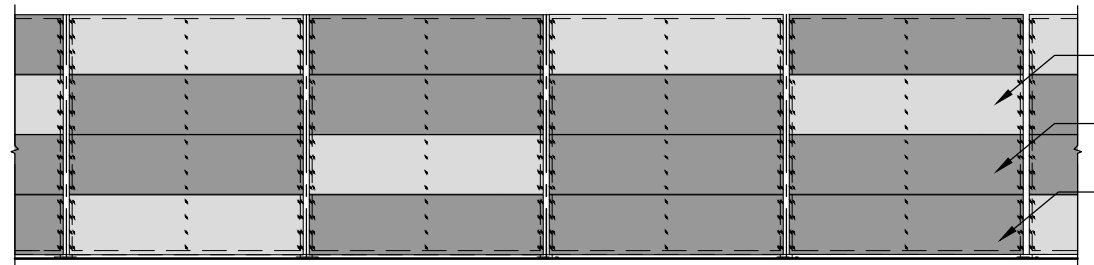
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BY CITY REPRESENTATIVE.
2. FOR COLOR AND FINISH, SEE SPEC 32 31 19.

**1** FENCE GRAPHIC AT NORTH SIDE OF JERROLD AVE  
 000-L-14-5016 1/2" = 4'-0"



BRUSHED ALUMINUM ACCENT PANEL, 1/4" THICK TO ACCOMMODATE FENCE GRAPHIC  
 000-L-14-5007 DIMPLED FENCE PANEL

**2** FENCE GRAPHIC PERSPECTIVE AT NORTH SIDE OF JERROLD AVE-SHOWN FOR REFERENCE ONLY  
 000-L-14-5016 N.T.S.



POWDERCOAT 'ACCENT' COLOR. SEE SPECS.  
 POWDERCOAT 'ZINC' COLOR. SEE SPECS.  
 000-L-14-5007 CAMPUS FENCE

**3** ACCENT FENCE PANELS ALONG RAILROAD RIGHT OF WAY AND QUINT STREET  
 000-L-14-5016 SCALE: 1/2" = 2'-0"

- NOTES:**
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BY CITY REPRESENTATIVE
  2. THIS PATTERN OCCURS ALONG RAILROAD TRACKS AND QUINT STREET AT NORTH EDGE OF CAMPUS ONLY. DIMPLING PATTERN IS TO BE OMITTED AT THESE LOCATIONS
  3. SEE LANDSCAPE FENCE DETAILS FOR ADDITIONAL INFORMATION
  4. CONTRACTOR TO PROVIDE MOCK-UP OF RANDOMIZED PATTERN FOR APPROVAL BY CITY REPRESENTATIVE

**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
 BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**LANDSCAPE DETAILS**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN DATE Dec 30, 2020
APPROVED	APPROVED

MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. 000-L-14-5016	DRAWING / FILE NO.
	REVISION NO.

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROD	
REVISIONS	

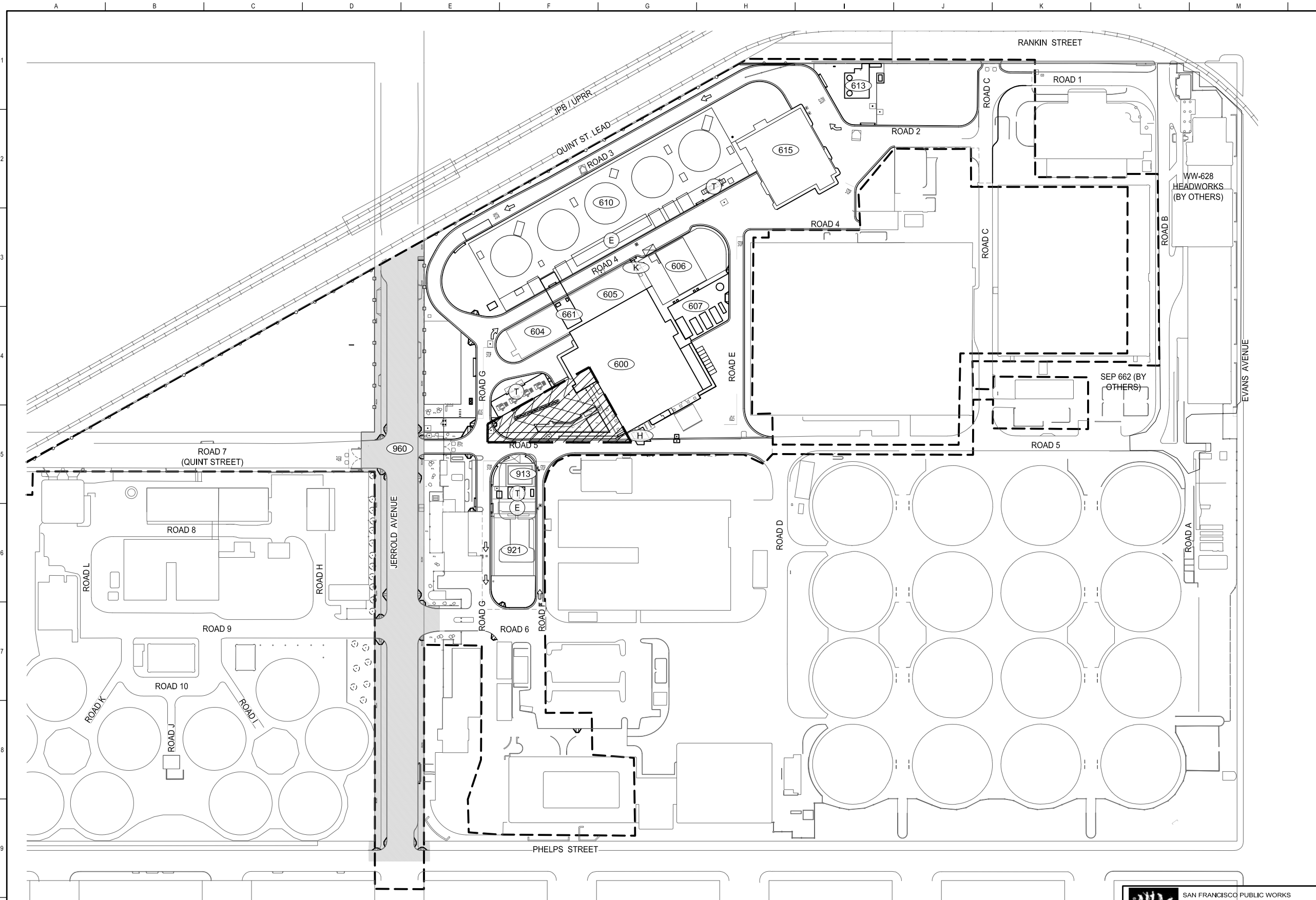


**FOR CONSTRUCTION**  
 Scope II

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ELEVATION DATUM  
 CITY





**GENERAL SHEET NOTES**

1. SEE 000-G-01-7005 FOR GRADING.
2. SEE CIVIL DRAWINGS FOR GRADING INFORMATION.

**FACILITIES**

- (000) SITE WIDE
- (012) (E) NEW HEADWORKS
- (020) HEADWORKS (BY OTHERS)
- (040) (E) SEDIMENTATION BLDG NO. 1
- (041) (E) SEDIMENTATION BLDG NO. 2
- (042) (E) SEDIMENTATION BLDG NO. 3 (PS PUMPING)
- (060) (E) WEST PUMP ROOM (PS PUMPING)
- (061) (E) CENTRAL PUMP ROOM (PS PUMPING)
- (260) (E) SECONDARY SLUDGE CONTROL BUILDING (WAS PUMPING)
- (600) SOLIDS PRETREATMENT
- (604) DIGESTION COOLING TOWERS
- (605) THERMAL HYDROLYSIS
- (606) SOLIDS ODOR CONTROL
- (607) STEAM GENERATION
- (610) ANAEROBIC DIGESTION
- (613) WASTE GAS BURNERS
- (615) BIOSOLIDS DEWATERING
- (661) PIPE GALLERY
- (913) IRON CHLORIDE STORAGE TANKS
- (921) W2 PUMP STATION
- (960) (E) GALLERY
- (961) (E) JERROLD AVENUE UNDERCROSSING
- (E) ELECTRICAL ROOM
- (T) TRANSFORMERS
- (H) PIPE CHASE (BURIED)
- (K) PIPE TRENCH (GRD ACCESSIBLE)

**LEGEND ITEMS**

- LIMIT OF WORK (LOW)
- ▨ JERROLD AVENUE STREETSCAPE IMPROVEMENTS PROJECT
- ▨ LANDSCAPE GRADING SCOPE

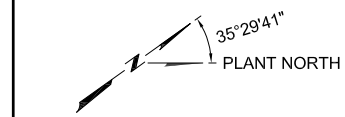
**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
 BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**OVERALL GRADING PLAN**

CHECKED / APPROVED SECTION MANAGER T. ESTERBROOKS APPROVED T. ESTERBROOKS	DRAWN D. ALCANTARA ORTIZ DESIGNED N. ANCEL CHECKED J. COOPER	DRAWN  DESIGNED  DATE Dec 30, 2020	SCALE AS SHOWN
APPROVED T. ESTERBROOKS		APPROVED J. COOPER	
MANAGER, ENGINEERING MANAGEMENT BUREAU		WW ENGINEERING MANAGER	
PLAN NO. <b>000-L-15-1001</b>	DRAWING / FILE NO.	REVISION NO.	



**PLAN**  
 1" = 80'

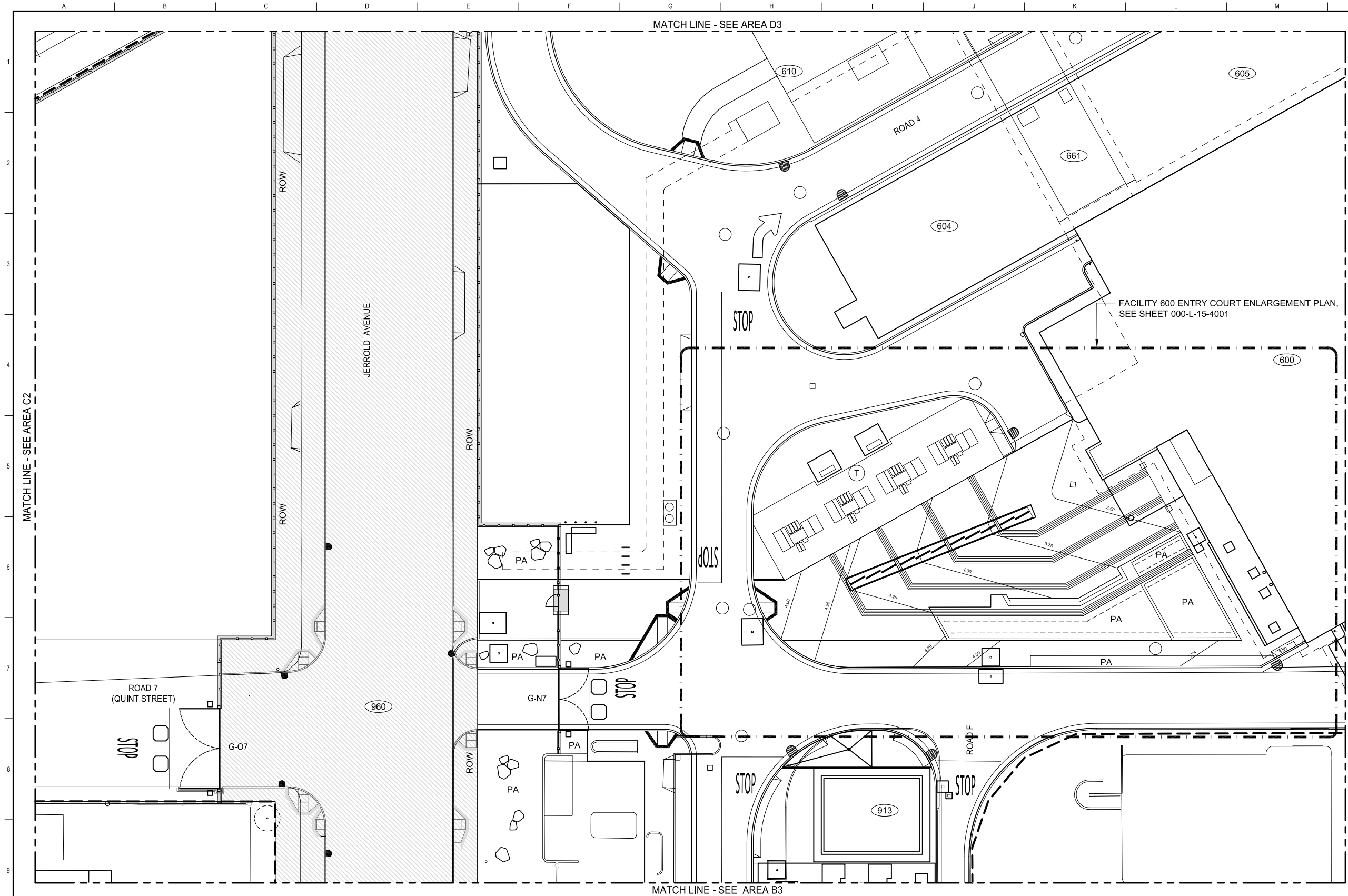
**FOR CONSTRUCTION**  
 Scope II

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ELEVATION  
 DATUM  
**CITY**

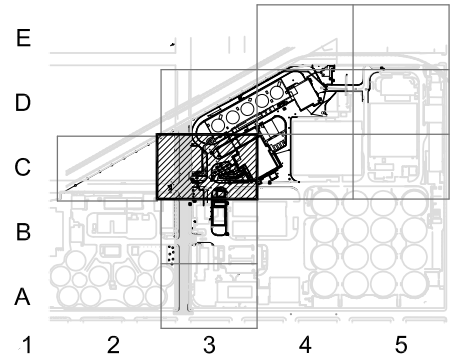


SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE			
PROJECT LANDSCAPE ARCHITECT	A. ALFONSO	DRAWN	D. ALCANTARA ORTIZ
SECTION MANAGER	T. ESTERBROOKS	DESIGNED	N. ANCEL
APPROVED	T. ESTERBROOKS	CHECKED	J. COOPER
NO.	DATE	DESCRIPTION	BY
REVISIONS			



**GENERAL SHEET NOTES**

1. SEE 000-G-01-7005 FOR GRADING.
2. SEE CIVIL DRAWINGS FOR GRADING INFORMATION.



**KEY PLAN**  
1" = 500'

**CONTRACT NO. WW-647R**

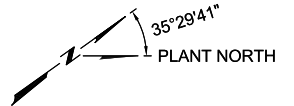
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE GRADING PLAN - AREA C3**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-15-1008</b>	

**PLAN**  
1" = 20'



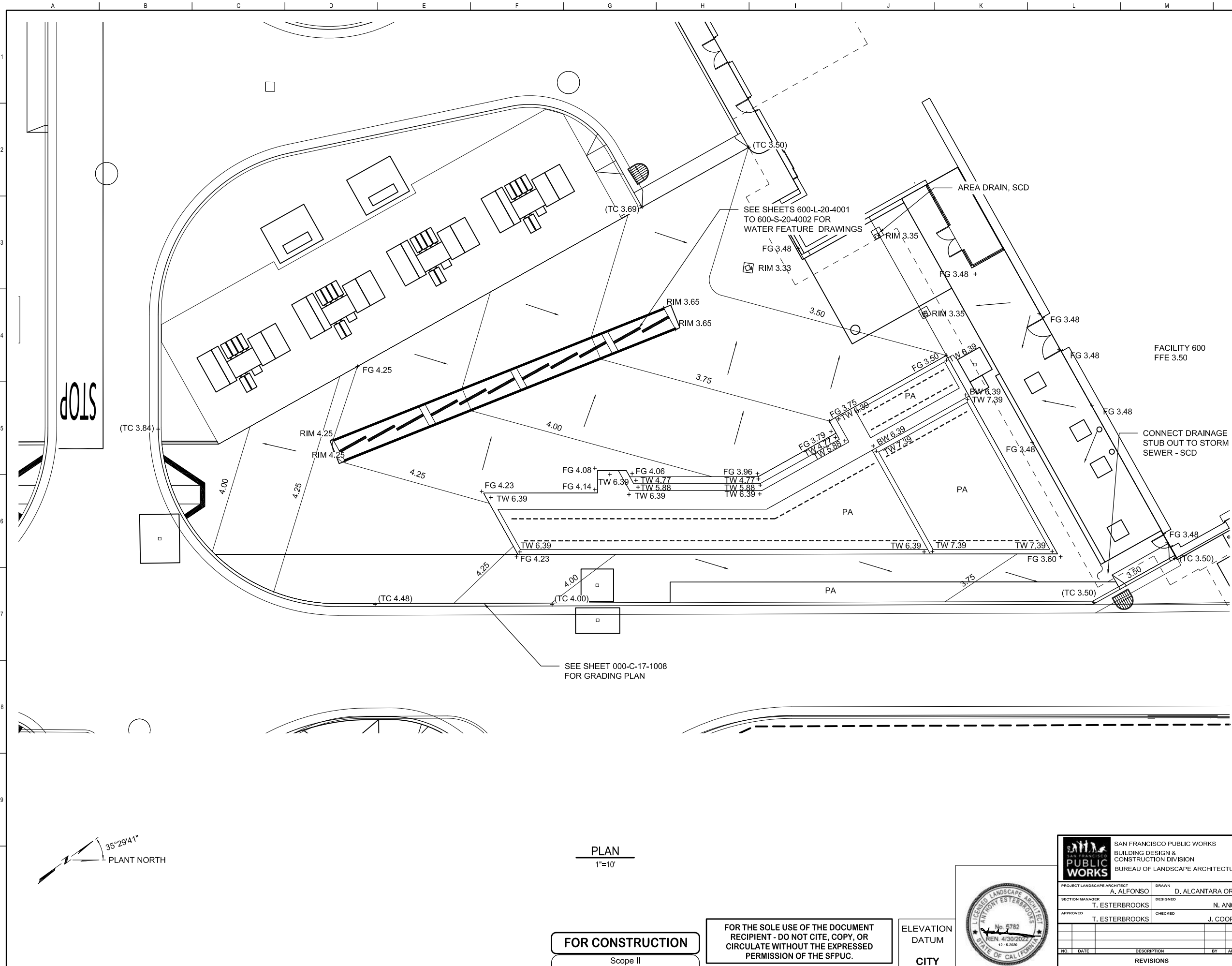
**FOR CONSTRUCTION**  
Scope II

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ELEVATION  
DATUM  
**CITY**



<b>SAN FRANCISCO PUBLIC WORKS</b> BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	

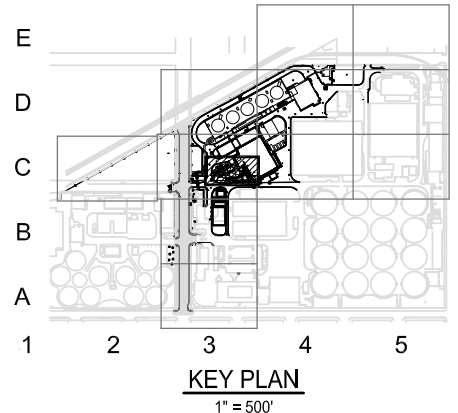


**GENERAL SHEET NOTES**

- SEE 000-G-01-7005 FOR GRADING.
  - SEE CIVIL DRAWINGS FOR GRADING INFORMATION.
- (TC) TOP OF CURB - PROVIDED BY CIVIL  
 (FG) FINISH GRADE - PROVIDED BY CIVIL  
 TW TOP OF WALL  
 BW BOTTOM OF WALL  
 FG FINISH GRADE  
 RIM RIM ELEVATION

**LEGEND ITEMS**

- TRENCH DRAIN 000-L-14-5001
- PERFORATED PIPE 000-L-14-5004



**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO-SOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**ENLARGED GRADING PLAN -**  
**FACILITY 600 ENTRY COURT**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-L-15-001</b>	DRAWING / FILE NO.
REVISIONS	REVISION NO.

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE

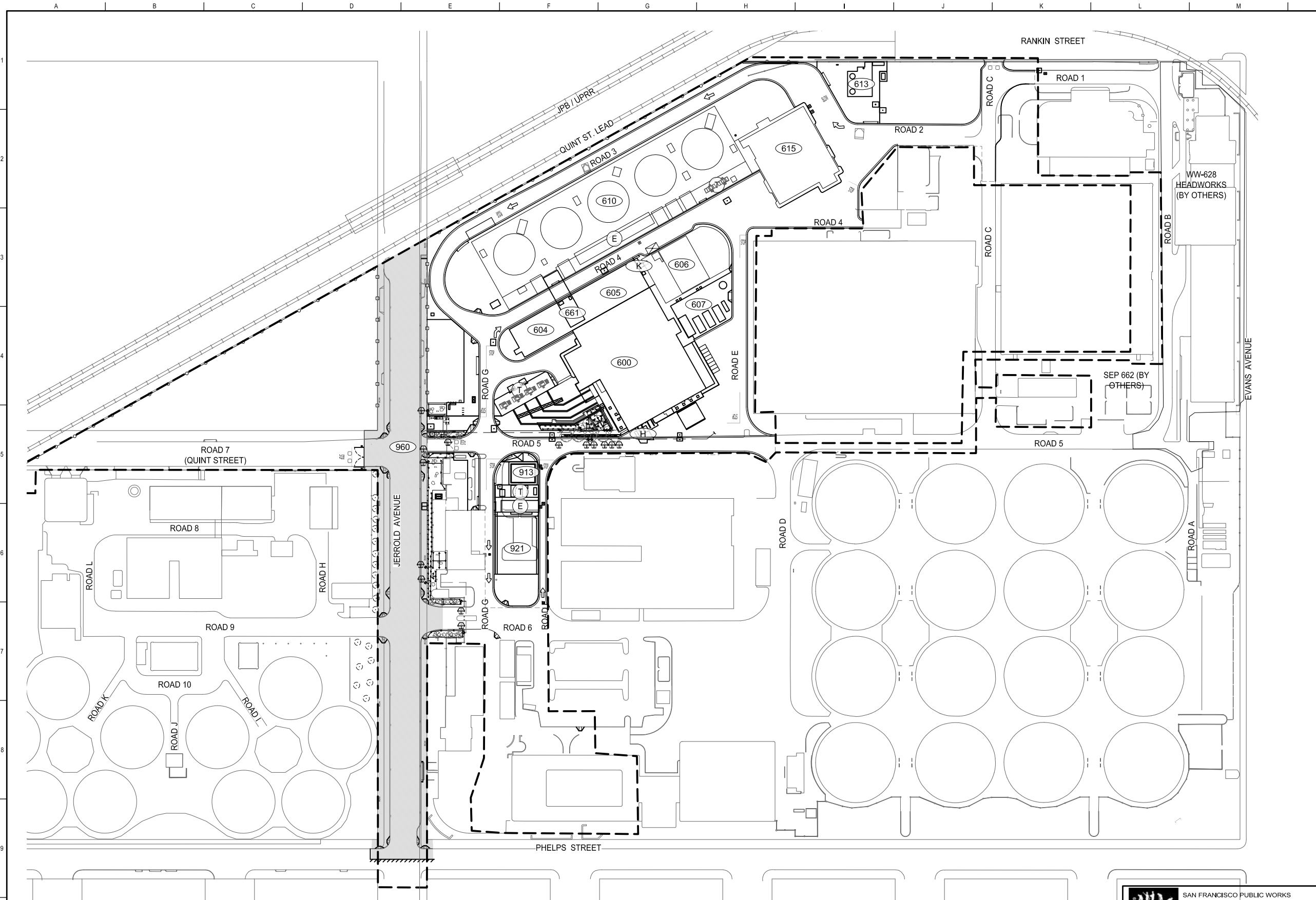


**PLAN**  
 1"=10'

**FOR CONSTRUCTION**  
 Scope II

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ELEVATION  
 DATUM  
**CITY**



**GENERAL SHEET NOTES**

- SEE 000-G-01-7005 FOR IRRIGATION NOTES.
- SEE 000-G-01-7006 FOR IRRIGATION LEGEND.

**FACILITIES**

- (000) SITE WIDE
- (012) (E) NEW HEADWORKS
- (020) HEADWORKS (BY OTHERS)
- (040) (E) SEDIMENTATION BLDG NO. 1
- (041) (E) SEDIMENTATION BLDG NO. 2
- (042) (E) SEDIMENTATION BLDG NO. 3 (PS PUMPING)
- (060) (E) WEST PUMP ROOM (PS PUMPING)
- (061) (E) CENTRAL PUMP ROOM (PS PUMPING)
- (260) (E) SECONDARY SLUDGE CONTROL BUILDING (WAS PUMPING)
- (600) SOLIDS PRETREATMENT
- (604) DIGESTION COOLING TOWERS
- (605) THERMAL HYDROLYSIS
- (606) SOLIDS ODOR CONTROL
- (607) STEAM GENERATION
- (610) ANAEROBIC DIGESTION
- (613) WASTE GAS BURNERS
- (615) BIOSOLIDS DEWATERING
- (661) PIPE GALLERY
- (913) IRON CHLORIDE STORAGE TANKS
- (921) W2 PUMP STATION
- (960) (E) GALLERY
- (961) (E) JERROLD AVENUE UNDERCROSSING
- (E) ELECTRICAL ROOM
- (T) TRANSFORMERS
- (H) PIPE CHASE (BURIED)
- (K) PIPE TRENCH (GRD ACCESSIBLE)

**LEGEND ITEMS**

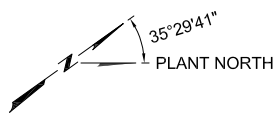
- LIMIT OF WORK (LOW)
- JERROLD AVENUE STREETSCAPE IMPROVEMENTS PROJECT

**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

**OVERALL LANDSCAPE IRRIGATION PLAN**

CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
	AS SHOWN	Dec 30, 2020
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION NO.
000-L-16-1001		

**PLAN**  
1" = 80'



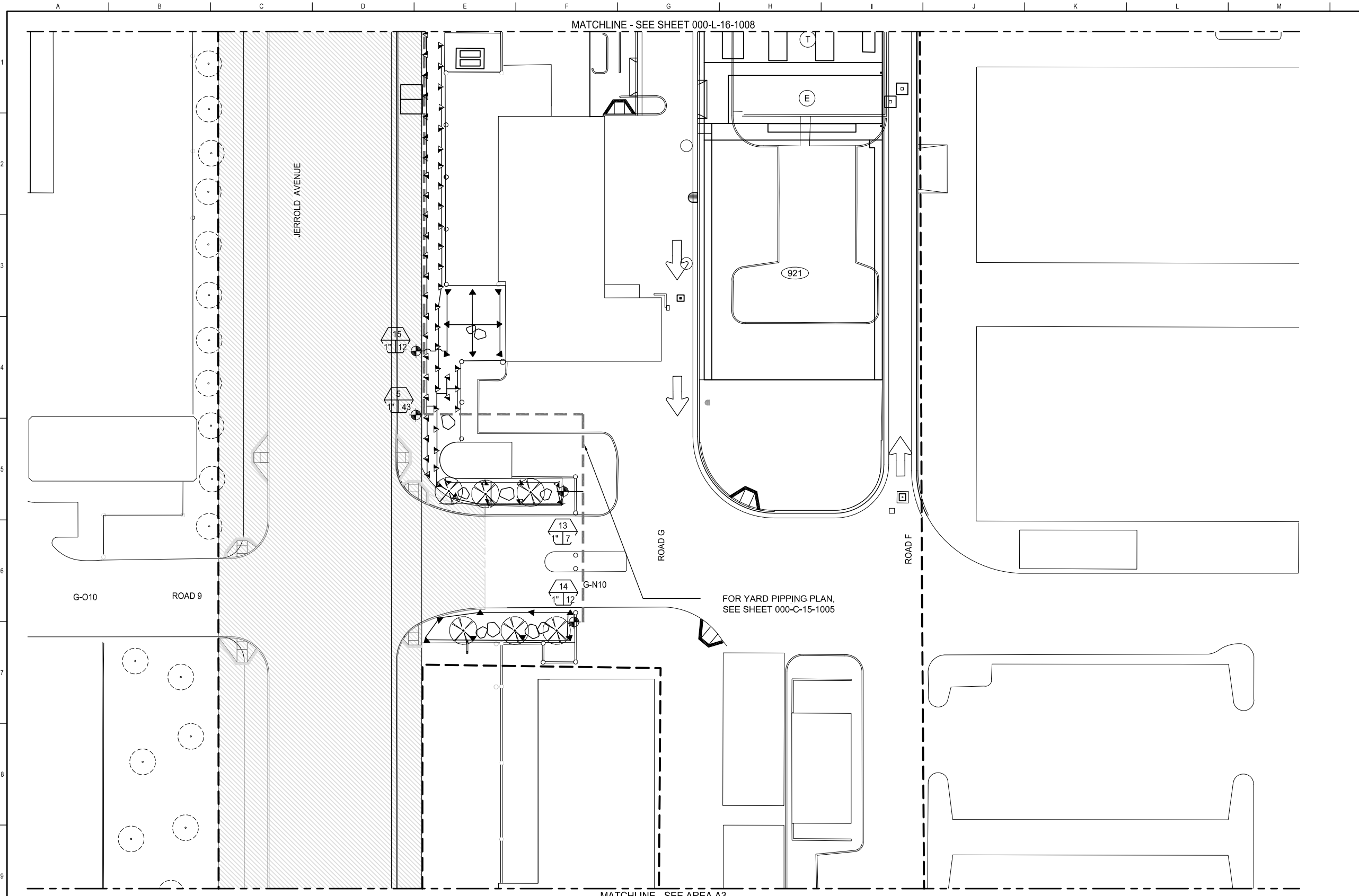
**FOR CONSTRUCTION**  
Scope II

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ELEVATION DATUM  
CITY

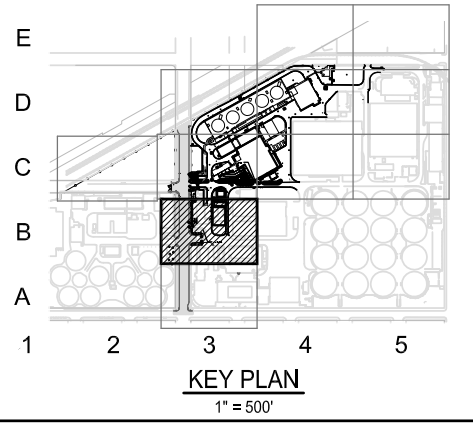


SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE				
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ			
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL			
APPROVED T. ESTERBROOKS	CHECKED J. COOPER			
NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				



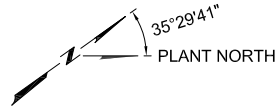
**GENERAL SHEET NOTES**

1. SEE 000-G-01-7005 FOR IRRIGATION NOTES.
2. SEE 000-G-01-7006 FOR IRRIGATION LEGEND.



**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE <b>LANDSCAPE IRRIGATION PLAN - AREA B3</b>	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE GSM MANAGER	SCALE AS SHOWN DATE Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-L-16-1005</b>	DRAWING / FILE NO. REVISION NO.



**PLAN**  
1" = 20'

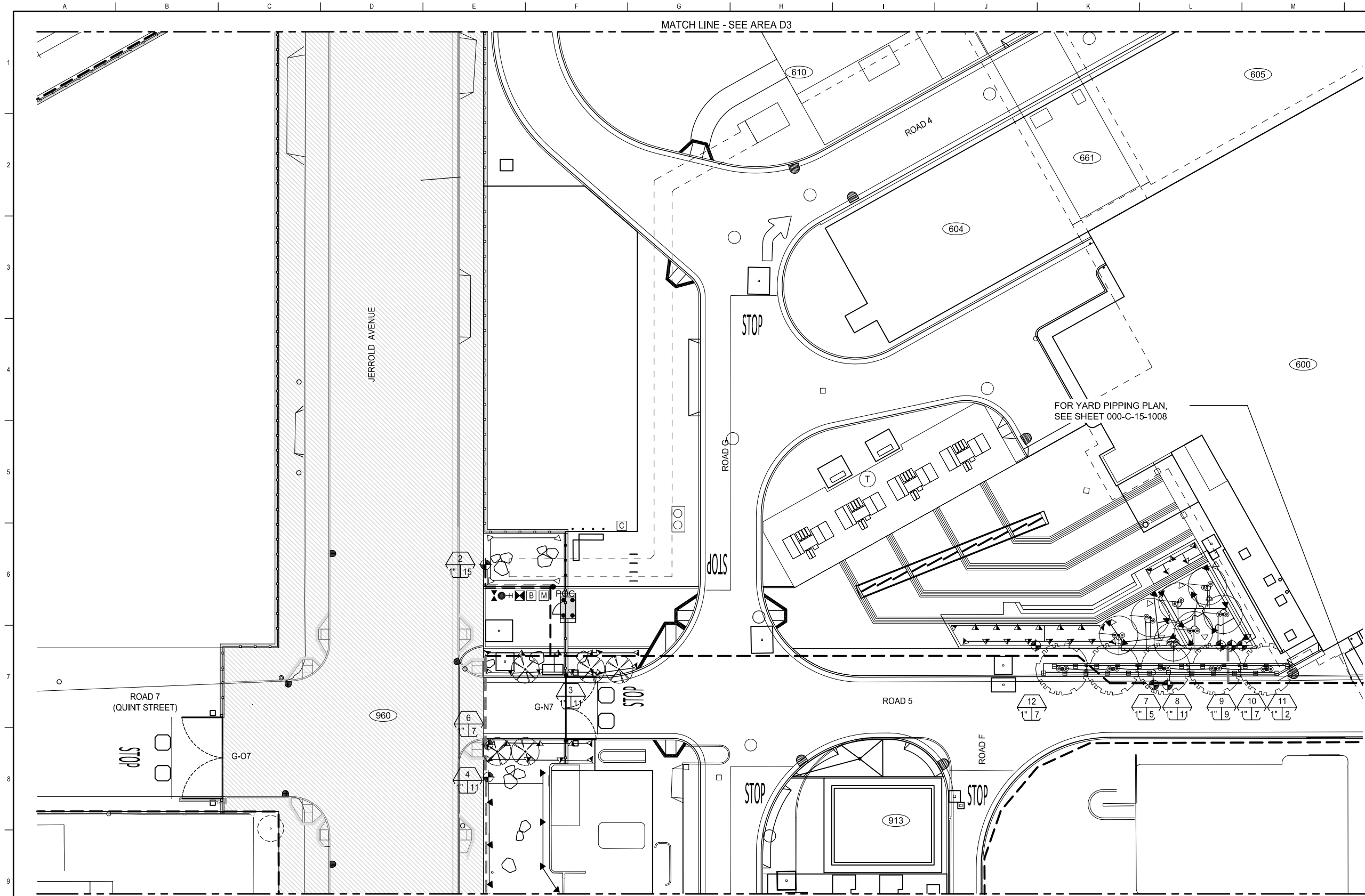
**FOR CONSTRUCTION**  
Scope II

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ELEVATION DATUM  
CITY

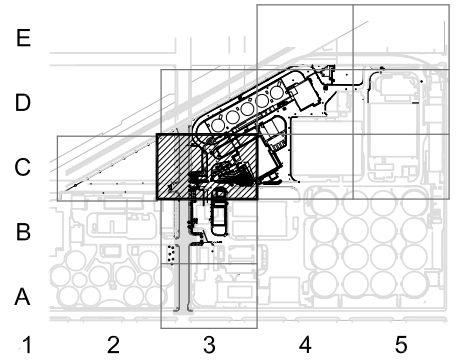


SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	APPROVED
REVISIONS	



**GENERAL SHEET NOTES**

1. SEE 000-G-01-7005 FOR IRRIGATION NOTES.
2. SEE 000-G-01-7006 FOR IRRIGATION LEGEND.



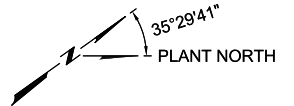
**KEY PLAN**  
1" = 500'

**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**LANDSCAPE IRRIGATION PLAN - AREA C3**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-L-16-1008</b>	DRAWING / FILE NO.
REVISION NO.	

**PLAN**  
1" = 20'



**FOR CONSTRUCTION**  
Scope II

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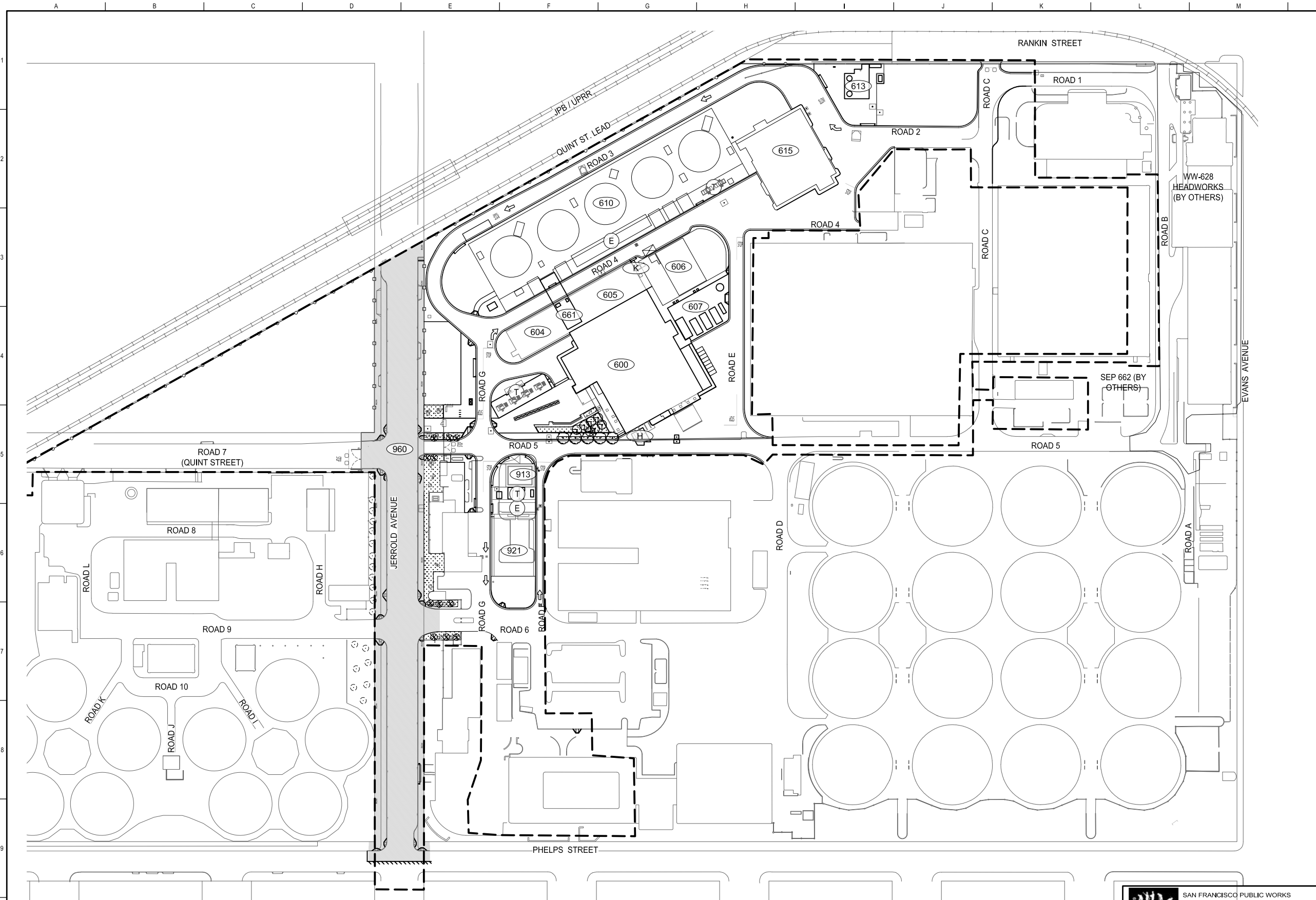
ELEVATION DATUM  
**CITY**



<b>SAN FRANCISCO PUBLIC WORKS</b> BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	







**GENERAL SHEET NOTES**

- SEE 000-G-01-7005 FOR PLANTING NOTES.
- SEE 000-G-01-7006 FOR PLANTING LEGEND.

**FACILITIES**

- (000) SITE WIDE
- (012) (E) NEW HEADWORKS
- (020) HEADWORKS (BY OTHERS)
- (040) (E) SEDIMENTATION BLDG NO. 1
- (041) (E) SEDIMENTATION BLDG NO. 2
- (042) (E) SEDIMENTATION BLDG NO. 3 (PS PUMPING)
- (060) (E) WEST PUMP ROOM (PS PUMPING)
- (061) (E) CENTRAL PUMP ROOM (PS PUMPING)
- (260) (E) SECONDARY SLUDGE CONTROL BUILDING (WAS PUMPING)
- (600) SOLIDS PRETREATMENT
- (604) DIGESTION COOLING TOWERS
- (605) THERMAL HYDROLYSIS
- (606) SOLIDS ODOR CONTROL
- (607) STEAM GENERATION
- (610) ANAEROBIC DIGESTION
- (613) WASTE GAS BURNERS
- (615) BIOSOLIDS DEWATERING
- (661) PIPE GALLERY
- (913) IRON CHLORIDE STORAGE TANKS
- (921) W2 PUMP STATION
- (960) (E) GALLERY
- (961) (E) JERROLD AVENUE UNDERCROSSING
- (E) ELECTRICAL ROOM
- (T) TRANSFORMERS
- (H) PIPE CHASE (BURIED)
- (K) PIPE TRENCH (GRD ACCESSIBLE)

**LEGEND ITEMS**

- LIMIT OF WORK (LOW)
- JERROLD AVENUE STREETSCAPE IMPROVEMENTS PROJECT

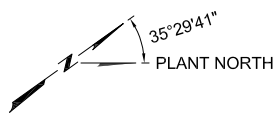
**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
 BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**OVERALL PLANTING PLAN**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-17-1001</b>	



**PLAN**  
 1" = 80'

**FOR CONSTRUCTION**  
 Scope II

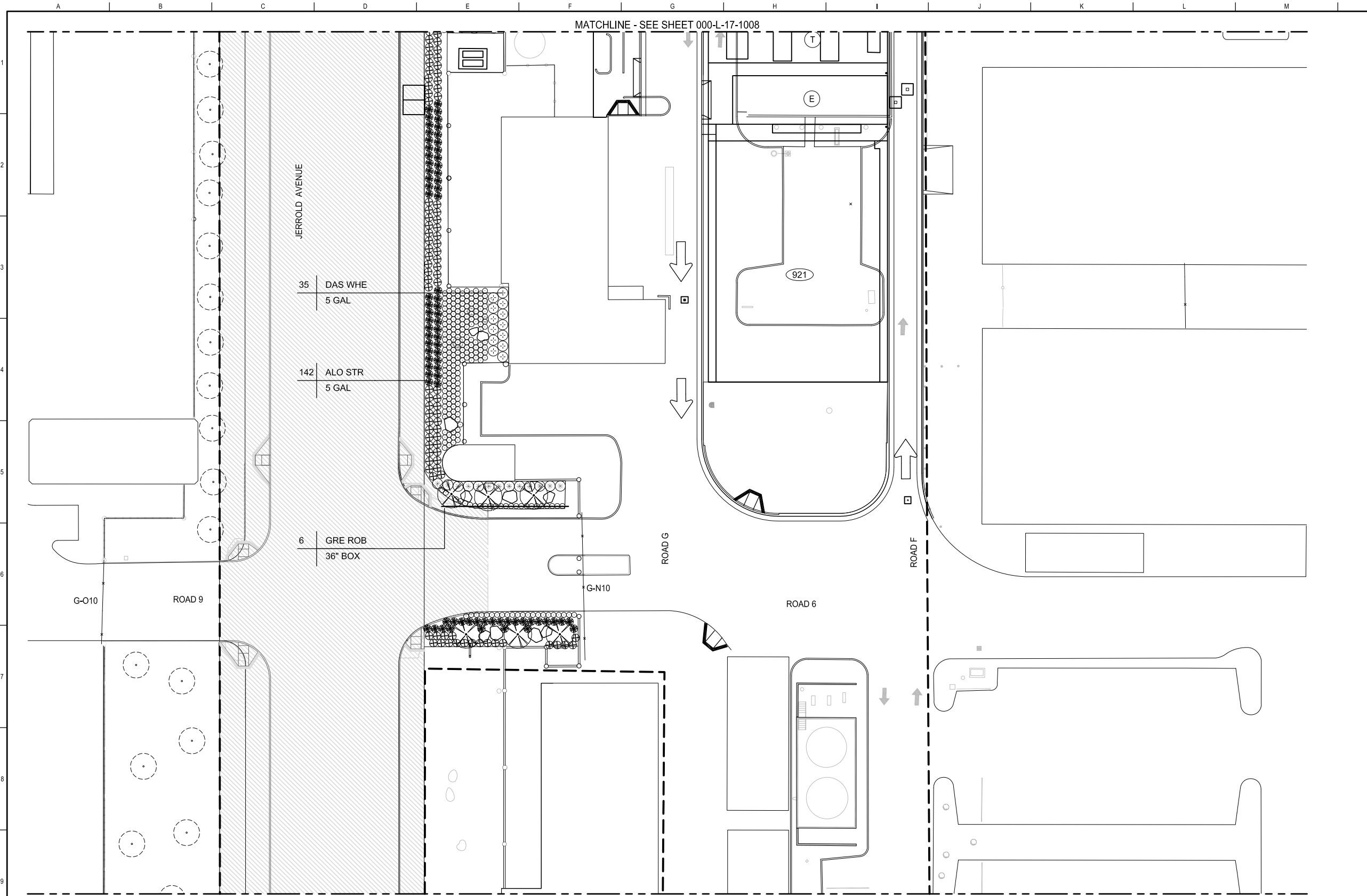
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ELEVATION DATUM  
 CITY



SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	



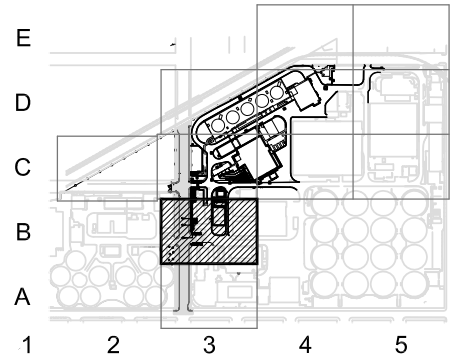


MATCHLINE - SEE SHEET 000-L-17-1008

MATCHLINE - SEE AREA A3

**GENERAL SHEET NOTES**

1. SEE 000-G-01-7005 FOR PLANTING NOTES.
2. SEE 000-G-01-7006 FOR PLANTING LEGEND.



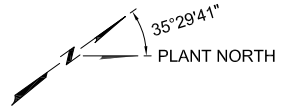
**KEY PLAN**  
1" = 500'

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE PLANTING PLAN - AREA B3**



**PLAN**  
1" = 20'

**FOR CONSTRUCTION**  
Scope II

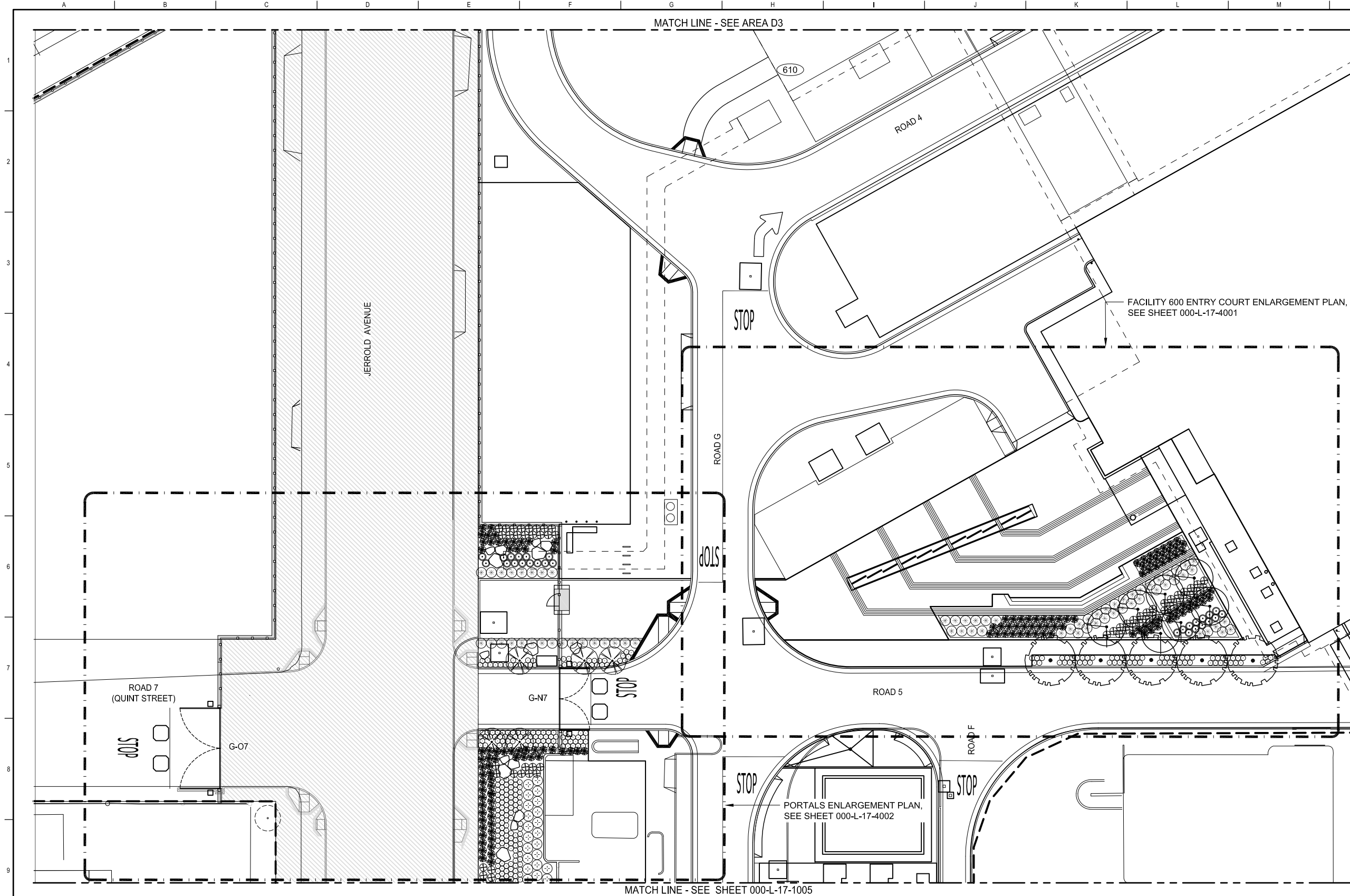
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ELEVATION  
DATUM  
**CITY**



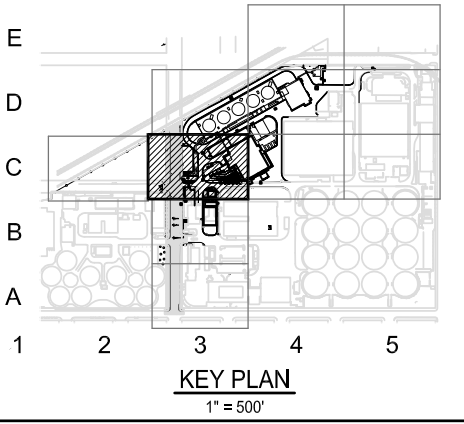
		SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT	A. ALFONSO	DRAWN	D. ALCANTARA ORTIZ
SECTION MANAGER	T. ESTERBROOKS	DESIGNED	N. ANCEL
APPROVED	T. ESTERBROOKS	CHECKED	J. COOPER
NO.	DATE	DESCRIPTION	BY
REVISIONS			

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-17-1005</b>	
REVISION NO.	



**GENERAL SHEET NOTES**

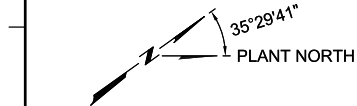
1. SEE 000-G-01-7005 FOR PLANTING NOTES.
2. SEE 000-G-01-7006 FOR PLANTING LEGEND.



**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LANDSCAPE PLANTING PLAN - AREA C3**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-L-17-1008</b>	



**PLAN**  
1" = 20'

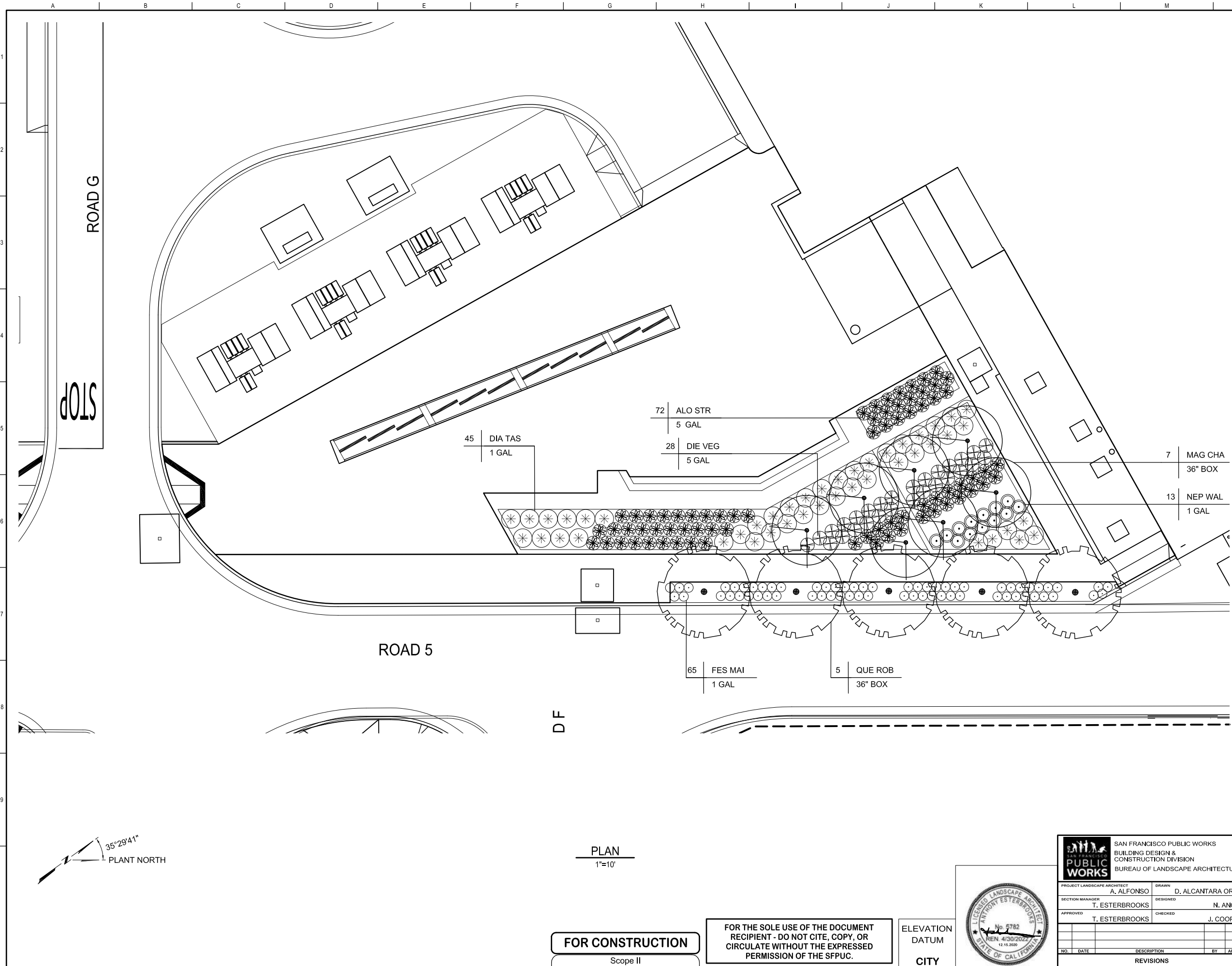
**FOR CONSTRUCTION**  
Scope II

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CIRCULATE WITHOUT THE EXPRESSED  
PERMISSION OF THE SFPUC.

ELEVATION  
DATUM  
**CITY**

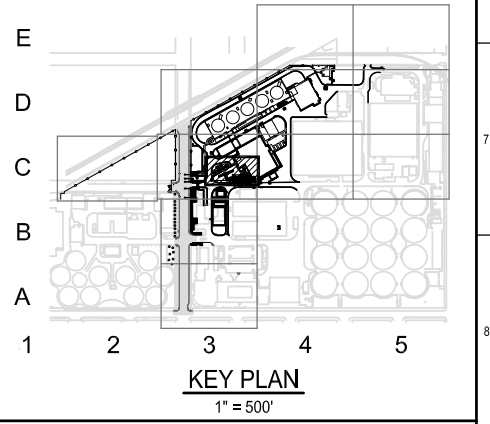


<b>SAN FRANCISCO PUBLIC WORKS</b> BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT	DRAWN
A. ALFONSO	D. ALCANTARA ORTIZ
SECTION MANAGER	DESIGNED
T. ESTERBROOKS	N. ANCEL
APPROVED	CHECKED
T. ESTERBROOKS	J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	



**GENERAL SHEET NOTES**

1. SEE 000-G-01-7005 FOR PLANTING NOTES.
2. SEE 000-G-01-7006 FOR PLANTING LEGEND.



**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO-SOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE	
ENLARGED PLANTING PLAN - FACILITY 600 ENTRY COURT	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN DATE Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-L-17-4001</b>	DRAWING / FILE NO. REVISION NO.

SAN FRANCISCO PUBLIC WORKS BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE				
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ			
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL			
APPROVED T. ESTERBROOKS	CHECKED J. COOPER			
NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				

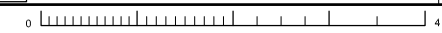
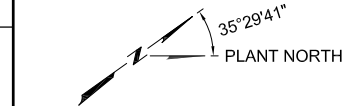


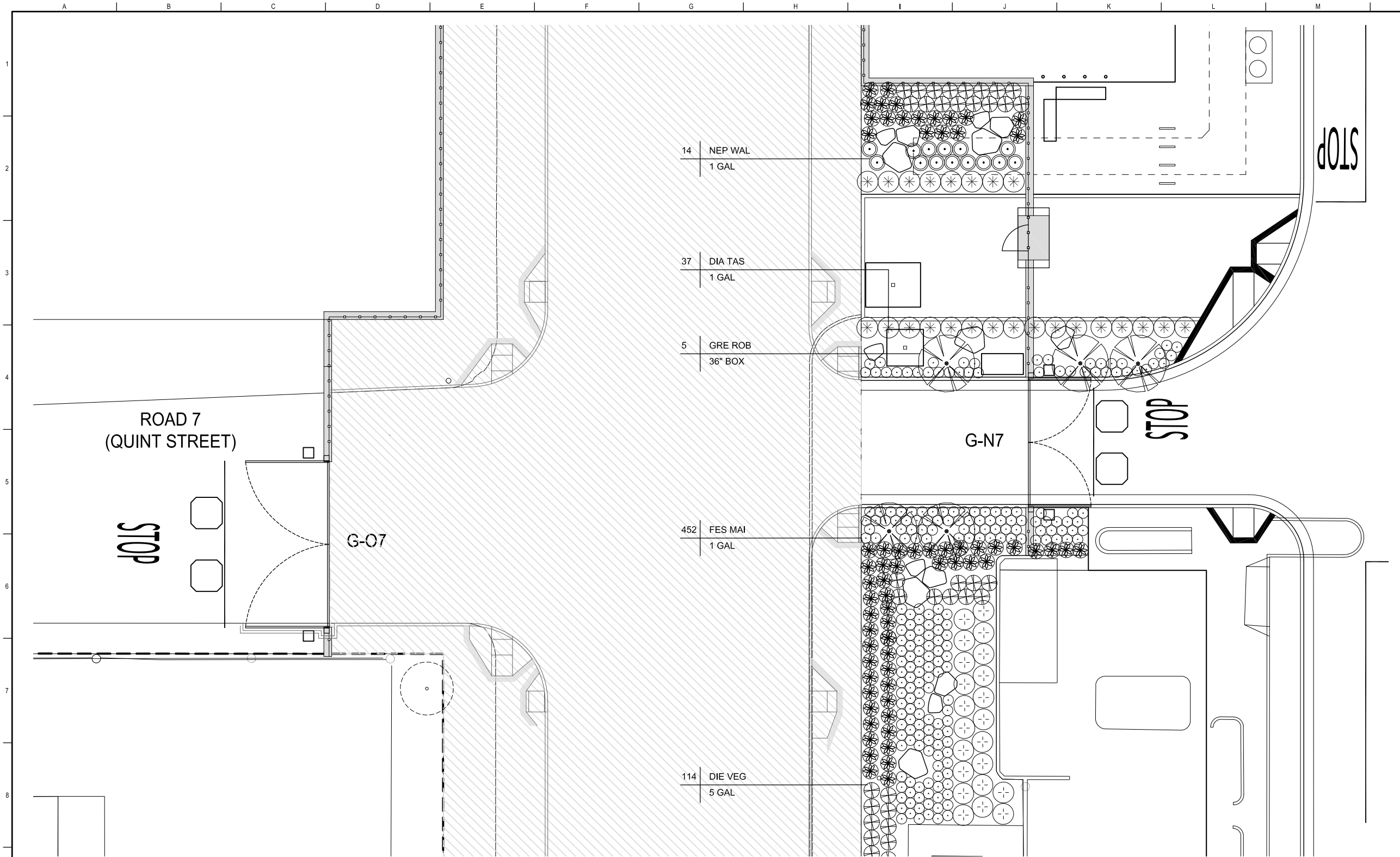
**PLAN**  
1"=10'

**FOR CONSTRUCTION**  
Scope II

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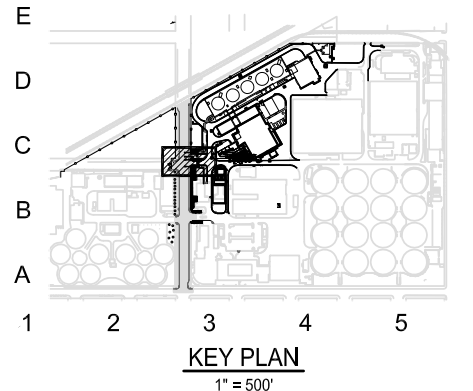
ELEVATION DATUM  
CITY





**GENERAL SHEET NOTES**

- SEE 000-G-01-7005 FOR PLANTING NOTES.
- SEE 000-G-01-7006 FOR PLANTING LEGEND.

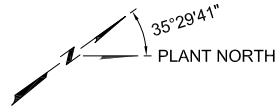


**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**ENLARGED PLANTING PLAN - G-07 AND G-N7  
VEHICLE AND PEDESTRIAN GATES**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE GSM MANAGER	SCALE AS SHOWN
DATE	DATE
Dec 30, 2020	
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-L-17-4002	
REVISION NO.	



**PLAN**  
1"=10'

**FOR CONSTRUCTION**  
Scope II

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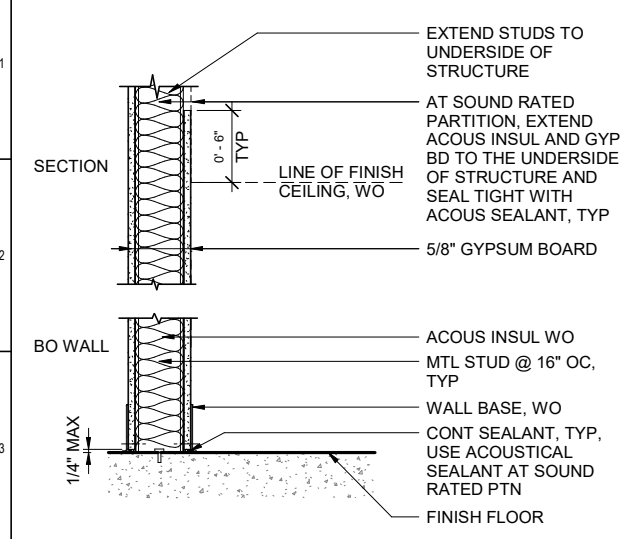
ELEVATION  
DATUM  
**CITY**



<b>SAN FRANCISCO PUBLIC WORKS</b> BUILDING DESIGN & CONSTRUCTION DIVISION BUREAU OF LANDSCAPE ARCHITECTURE	
PROJECT LANDSCAPE ARCHITECT A. ALFONSO	DRAWN D. ALCANTARA ORTIZ
SECTION MANAGER T. ESTERBROOKS	DESIGNED N. ANCEL
APPROVED T. ESTERBROOKS	CHECKED J. COOPER
NO.	DATE
DESCRIPTION	BY
APPROVED	DATE
REVISIONS	

**PARTITION SCHEDULE NOTES**

- REFER TO FLOOR PLANS TO DETERMINE LOCATION AND EXTENT OF PARTITION TYPES REQUIRED.
- PARTITION DETAILS SHOWN ON SCHEDULE DO NOT INCLUDE APPLIED FINISHES THAT ARE INDICATED ON THE ROOM FINISH SCHEDULE, OR ADDITIONAL PARTITION COMPONENTS IDENTIFIED ON PLAN SYMBOLS, OR COMPONENTS SHOWN IN SPECIAL DETAILS. THESE FINISHES AND COMPONENTS MAY INCREASE THE OVERALL THICKNESS OF PARTITIONS SHOWN.
- WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR / WINDOW OPENING, OR OTHER ASSEMBLIES, CONSTRUCTION ABOVE AND BELOW, WHERE APPLICABLE, IS THE SAME AS THE PARTITION TYPE INDICATED.
- FIRE RATED PARTITION SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH LISTED ASSEMBLIES NOTED ON THE FIRE RATED PARTITION TYPE DETAILS.
- USE 54 MIL MINIMUM GALVANIZED METAL STUDS, UNLESS NOTED OTHERWISE. STUDS OF HEAVIER GAUGE MAY BE REQUIRED DUE TO THE HEIGHT OF PARTITION, BACKING PLATE REQUIREMENTS, FRAMING CONDITIONS, OR SPECIAL CONDITIONS. USE HEAVIER THICKNESS STUDS WHEN REQUIRED BY STUD MANUFACTURER'S LIMITING HEIGHTS OR SPANS. GAUGE EQUIVALENTS ARE NOT ACCEPTABLE.
- WHERE TILE FINISHES ARE SPECIFIED AND IN DAMP LOCATIONS, USE WATER RESISTANT GYPSUM WALLBOARD.
- AT ALL SHOWER LOCATIONS WITH TILE FINISHES, INSTALL ONE LAYER OF 5/8" THICK CEMENTITIOUS BACKER BOARD IN LIEU OF FACE LAYER OF GYPSUM BOARD AT NON-RATED PARTITIONS. AT FIRE-RATED PARTITIONS, APPLY ONE ADDITIONAL LAYER OF 1/2" THICK CEMENTITIOUS BACKER BOARD OVER FACE LAYER OF GYPSUM BOARD.
- PROVIDE VIBRATION ISOLATION AT ALL PARTITIONS CONTAINING PLUMBING SUPPLY, WASTE OR STORM WATER PIPING OR MECHANICAL PIPING TO MINIMIZE OR ELIMINATE WATER-FLOW NOISE. DO NOT ALLOW ANY PLUMBING OR MECHANICAL PIPING TO DIRECTLY TOUCH PARTITION FRAMING, GYPSUM BOARD, OR OTHER PIPING.
- OFFSET BACK-TO-BACK WALL PENETRATIONS SUCH AS PLUMBING PIPES, ELECTRICAL OUTLETS, PANELS, ETC. BY 24-INCH OR ONE MINIMUM STUD.
- FOR ADDITIONAL FRAMING AND PARTITION DETAILS, SEE A0937 TO A0956

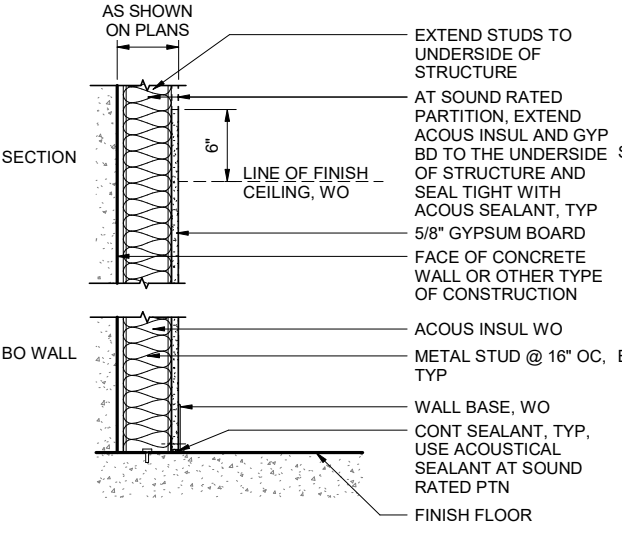


FOR TO WALL DETAILS & ADD'L INFO - SEE (A0937)

**TYPES:**  
 A1- NON-RATED WALL 4" STUD WIDTH  
 A2- NON-RATED WALL 6" STUD WIDTH

**PARTITION - TYPE A - NON RATED**

1 1/2" = 1'-0"

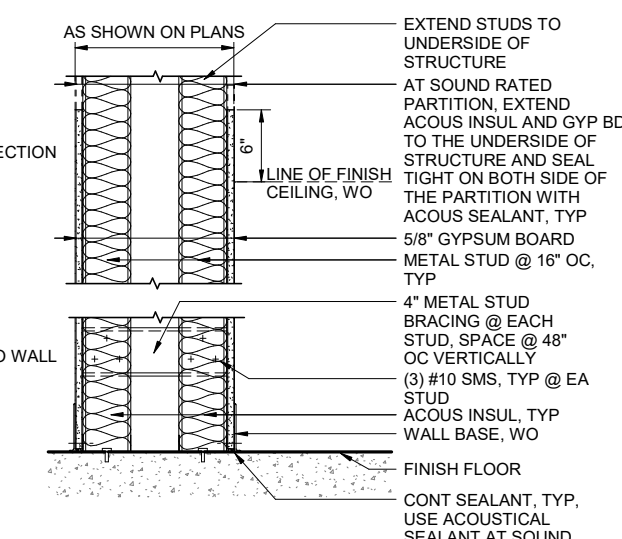


FOR TO WALL DETAILS & ADD'L INFO - SEE (A0937)

**TYPES:**  
 B1- NON-RATED FURRING 2 1/2" STUD WIDTH  
 B2- NON-RATED FURRING 4" STUD WIDTH

**FURRING - TYPE B - NON RATED**

1 1/2" = 1'-0"

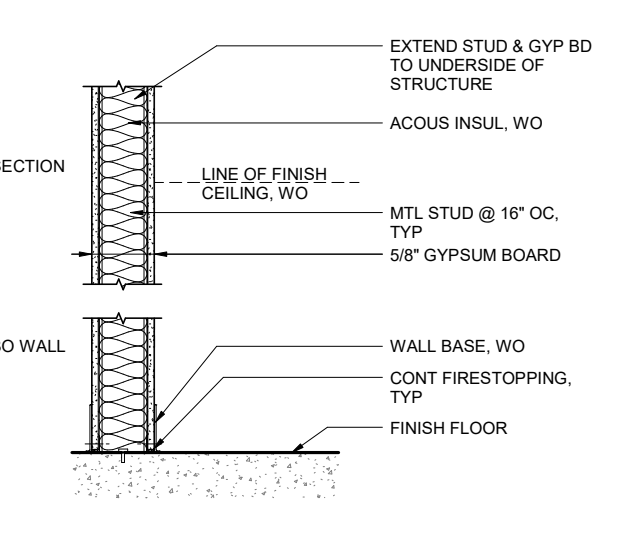


FOR TO WALL DETAILS & ADD'L INFO - SEE (A0938)

**TYPES:**  
 C- NON-RATED CHASE WALL - 4" STUDS

**PARTITION - TYPE C - NON RATED**

1 1/2" = 1'-0"

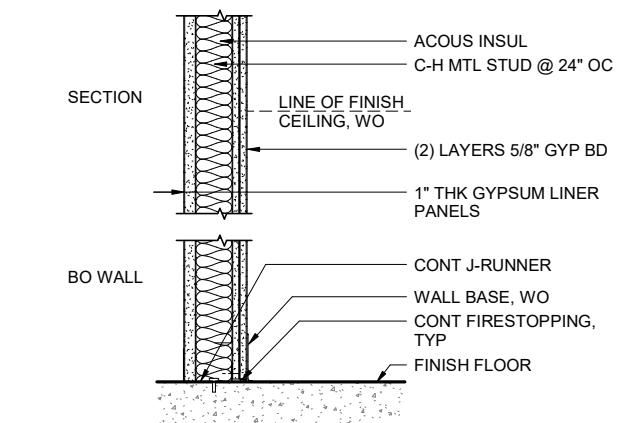


FOR TO WALL DETAILS & ADD'L INFO - SEE (A0939)

**TYPES:**  
 D1- 1-HR.RATED WALL 4" STUD WIDTH UL LISTING: UL U419  
 D2- 1-HR.RATED WALL 6" STUD WIDTH UL LISTING: UL U419

**PARTITION - TYPE D - 1-HR RATED**

1 1/2" = 1'-0"

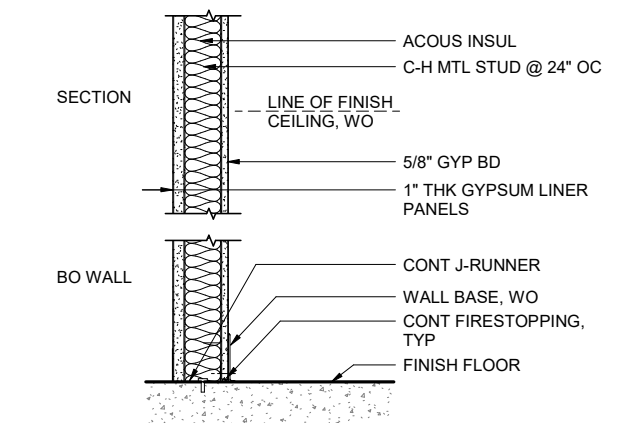


FOR TO WALL DETAILS & ADD'L INFO - SEE (A0940)

**TYPES:**  
 F1 - 2-HR RATED SHAFT WALL 4" STUD WIDTH UL LISTING: UL U415 SYSTEM B  
 F2 - 2-HR RATED SHAFT WALL 6" STUD WIDTH UL LISTING: UL U415 SYSTEM B

**PARTITION - TYPE F - 2-HR RATED**

1 1/2" = 1'-0"

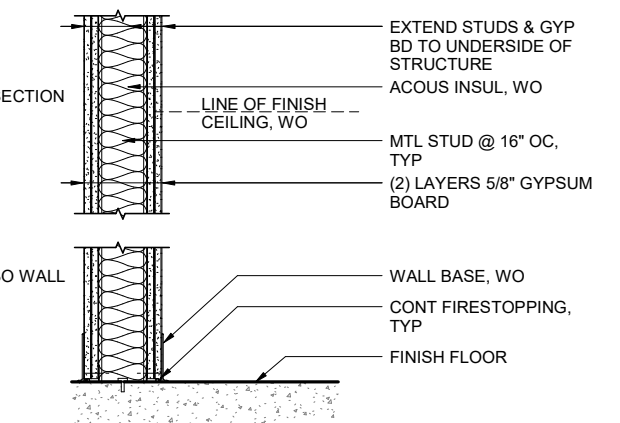


FOR TO WALL DETAILS & ADD'L INFO - SEE (A0940)

**TYPES:**  
 G1 - 1-HR RATED SHAFT WALL 4" STUD WIDTH UL LISTING: UL U415 SYSTEM A  
 G2 - 1-HR RATED SHAFT WALL 6" STUD WIDTH UL LISTING: UL U415 SYSTEM A

**PARTITION - TYPE G - 1-HR RATED**

1 1/2" = 1'-0"



FOR TO WALL DETAILS & ADD'L INFO - SEE (A0939)

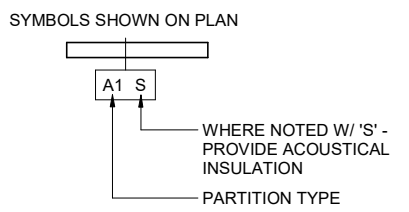
**TYPES:**  
 H1- 2-HR.RATED WALL 4" STUD WIDTH UL LISTING: UL U419  
 H2- 2-HR.RATED WALL 6" STUD WIDTH UL LISTING: UL U419

**PARTITION - TYPE H - 2-HR RATED**

1 1/2" = 1'-0"

**PARTITION TAG LEGNED**

BASIC PARTITION TYPES AND ADDITIONAL PARTITION COMPONENTS, IF REQUIRED, ARE INDICATED ON THE FLOOR PLANS.



**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

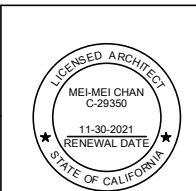
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
 BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**ARCHITECTURAL WALL TYPES**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-A-75-5001</b>	REVISION

BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM

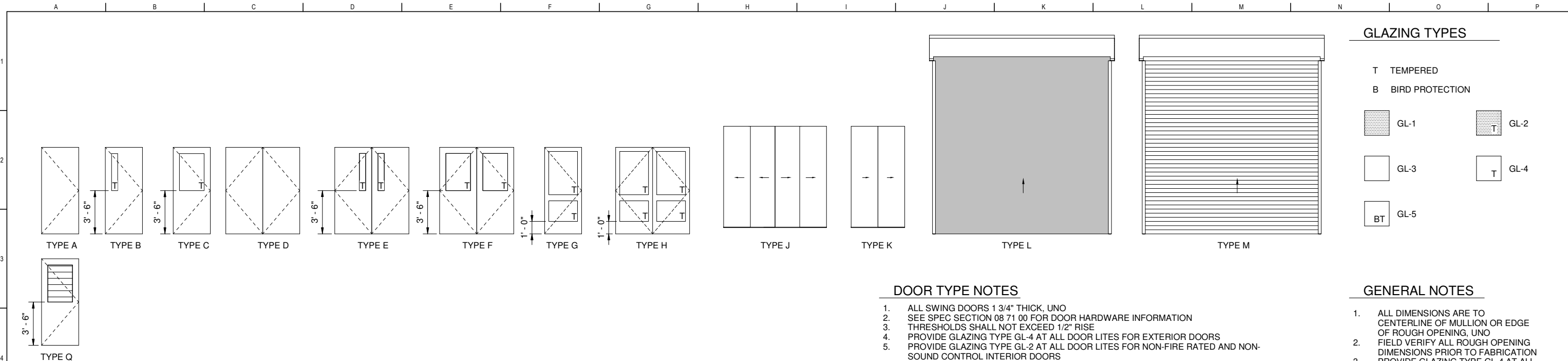
PROJECT ENGINEER	D. GREEN	DRAWN	H. CHIU
PROJECT MANAGER	T. STIGERS	DESIGNED	L. WANG
APPROVED	M. CHAN	CHECKED	L. WANG
NO.	DATE	DESCRIPTION	BY



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**FOR CONSTRUCTION**  
 Scope II

ELEVATION DATUM  
 CITY

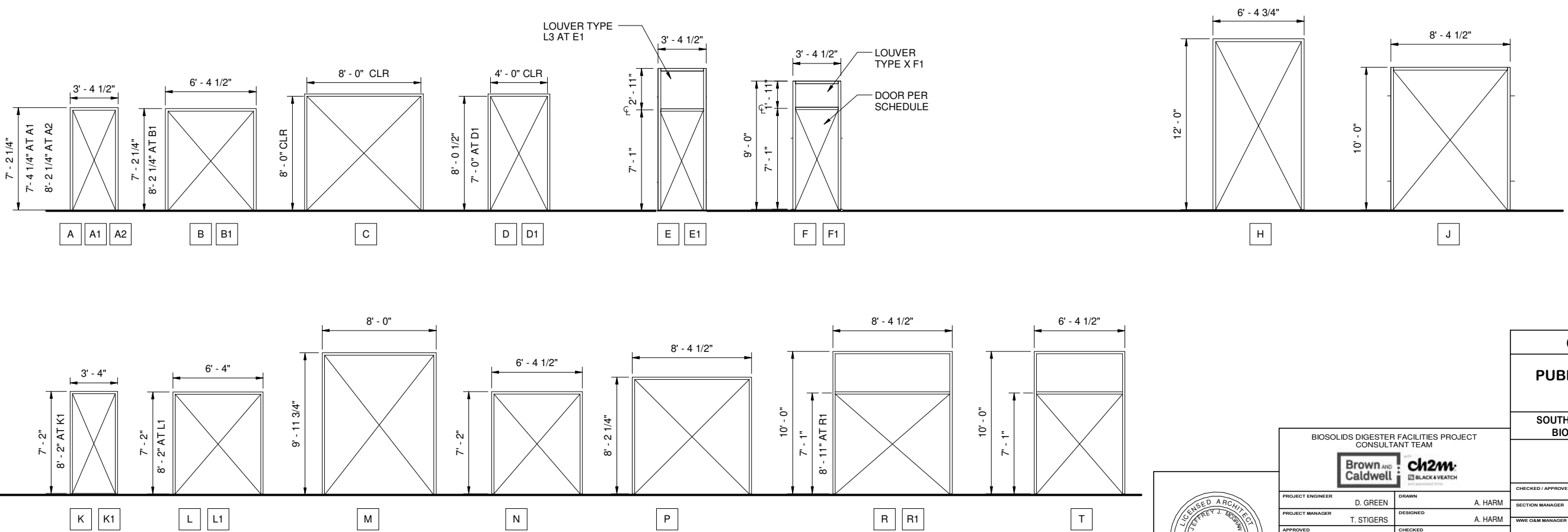


**DOOR TYPE NOTES**

1. ALL SWING DOORS 1 3/4" THICK, UNO
2. SEE SPEC SECTION 08 71 00 FOR DOOR HARDWARE INFORMATION
3. THRESHOLDS SHALL NOT EXCEED 1/2" RISE
4. PROVIDE GLAZING TYPE GL-4 AT ALL DOOR LITES FOR EXTERIOR DOORS
5. PROVIDE GLAZING TYPE GL-2 AT ALL DOOR LITES FOR NON-FIRE RATED AND NON-SOUND CONTROL INTERIOR DOORS
6. PROVIDE GLAZING TYPE GL-8 AT ALL DOOR LITES FOR FIRE RATED INTERIOR DOORS
7. SEE SPEC SECTION 08 34 70 FOR ALL SOUND CONTROL DOOR AND WINDOW ASSEMBLIES
8. FIELD VERIFY DIMENSIONS OF ALL ROUGH OPENINGS PRIOR TO FABRICATION
9. COORDINATE DIMENSIONS W/ DOOR MANUFACTURER
10. SEE SHEET 000-A-75-6007 FOR LOUVER TYPES
11. ALL ROOM IDENTIFICATION SIGNS TO HAVE ROOM NUMBERS. CONTENT PROVIDED BY CITY REPRESENTATIVE
12. SEE SPECIFICATION 10 14 00 FOR SIGNAGE TYPE INFORMATION

**GENERAL NOTES**

1. ALL DIMENSIONS ARE TO CENTERLINE OF MULLION OR EDGE OF ROUGH OPENING, UNO
2. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION
3. PROVIDE GLAZING TYPE GL-4 AT ALL DOOR SIDE LITES AND TRANSOMS
4. SUBTRACT 1/4" FROM EACH HEAD AND JAMB CONDITION IN CONC OPENINGS
5. SEE LOUVER SCHEDULE 000-A-75-6007 FOR LOUVER TYPES
6. SEE SPEC SECTION 08 80 00 FOR GLAZING TYPES
7. ALL FRAMES TO BE 2" WIDE, UNO

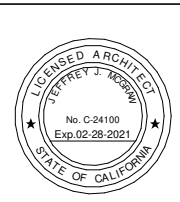


**DOOR FRAME TYPES**  
SCALE: 1/4" = 1'-0"

**FOR CONSTRUCTION**  
Scope II

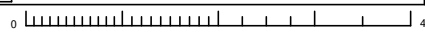
FOR THE SOLE USE OF THE DOCUMENT RECIPIENT - DO NOT CITE, COPY, OR CIRCULATE WITHOUT THE EXPRESSED PERMISSION OF THE SFPUC.

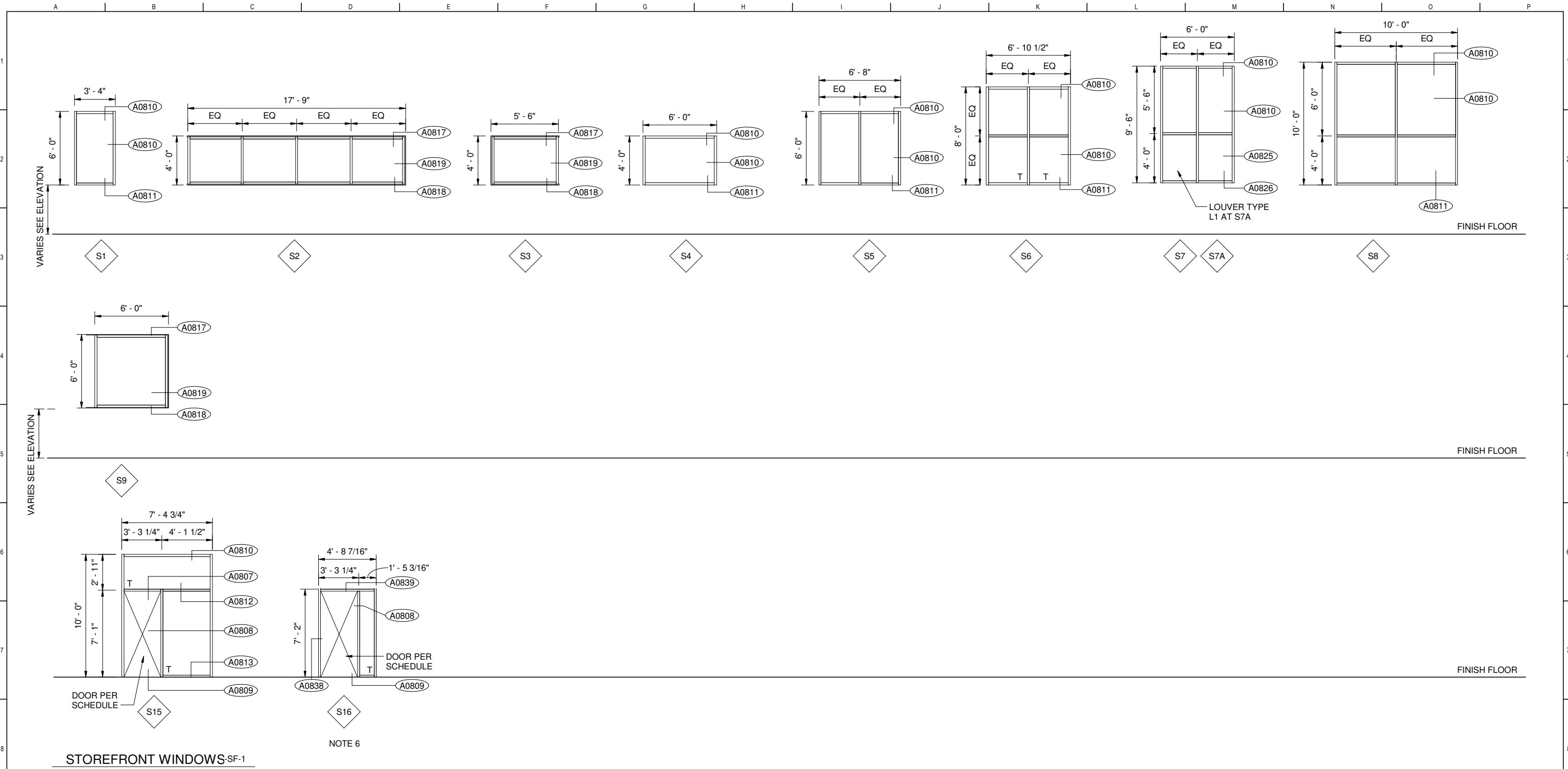
ELEVATION DATUM  
CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY
NO.	DATE	DESCRIPTION	BY
		REVISIONS	APPROD

<b>CONTRACT NO. WW-647R</b>			
CITY AND COUNTY OF SAN FRANCISCO			
<b>PUBLIC UTILITIES COMMISSION</b>			
INFRASTRUCTURE DIVISION			
ENGINEERING MANAGEMENT BUREAU			
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b>			
<b>BIOSOLIDS DIGESTER FACILITIES PROJECT</b>			
GENERAL SITEWIDE			
<b>DOOR TYPES</b>			
CHECKED / APPROVED	DRAWN		
SECTION MANAGER	DESIGNED		
WWE O&M MANAGER	SCALE	DATE	
	AS SHOWN	Oct 1, 2020	
APPROVED	APPROVED		
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER		
PLAN NO.	DRAWING / FILE NO.	REVISION	
<b>000-A-75-5003</b>			





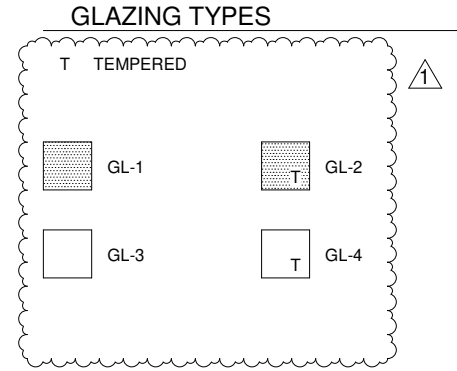
**STOREFRONT WINDOWS-SF-1**  
SCALE: 1/4" = 1'-0"

**GENERAL NOTES**

1. ALL DIMENSIONS ARE TO CENTERLINE OF MULLION OR EDGE OF ROUGH OPENING. UNO
2. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION
3. PROVIDE GLAZING TYPE GL-4 AT ALL DOOR SIDE LITES AND TRANSOMS
4. SUBTRACT 1/4" FROM EACH HEAD AND JAMB CONDITION IN CONC OPENINGS
5. SEE LOUVER SCHEDULE 000-A-75-6007 FOR LOUVER TYPES
6. SEE SPEC SECTION 08 80 00 FOR GLAZING TYPES
7. ALL FRAMES TO BE 2" WIDE, UNO

**STOREFRONT WINDOW NOTES**

1. SEE LOUVER SCHEDULE 000-A-75-6007 AND AREA PLANS FOR LOUVER INFORMATION



**FOR CONSTRUCTION**  
Scope II

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CIRCULATE WITHOUT THE EXPRESSED  
PERMISSION OF THE SFPUC.

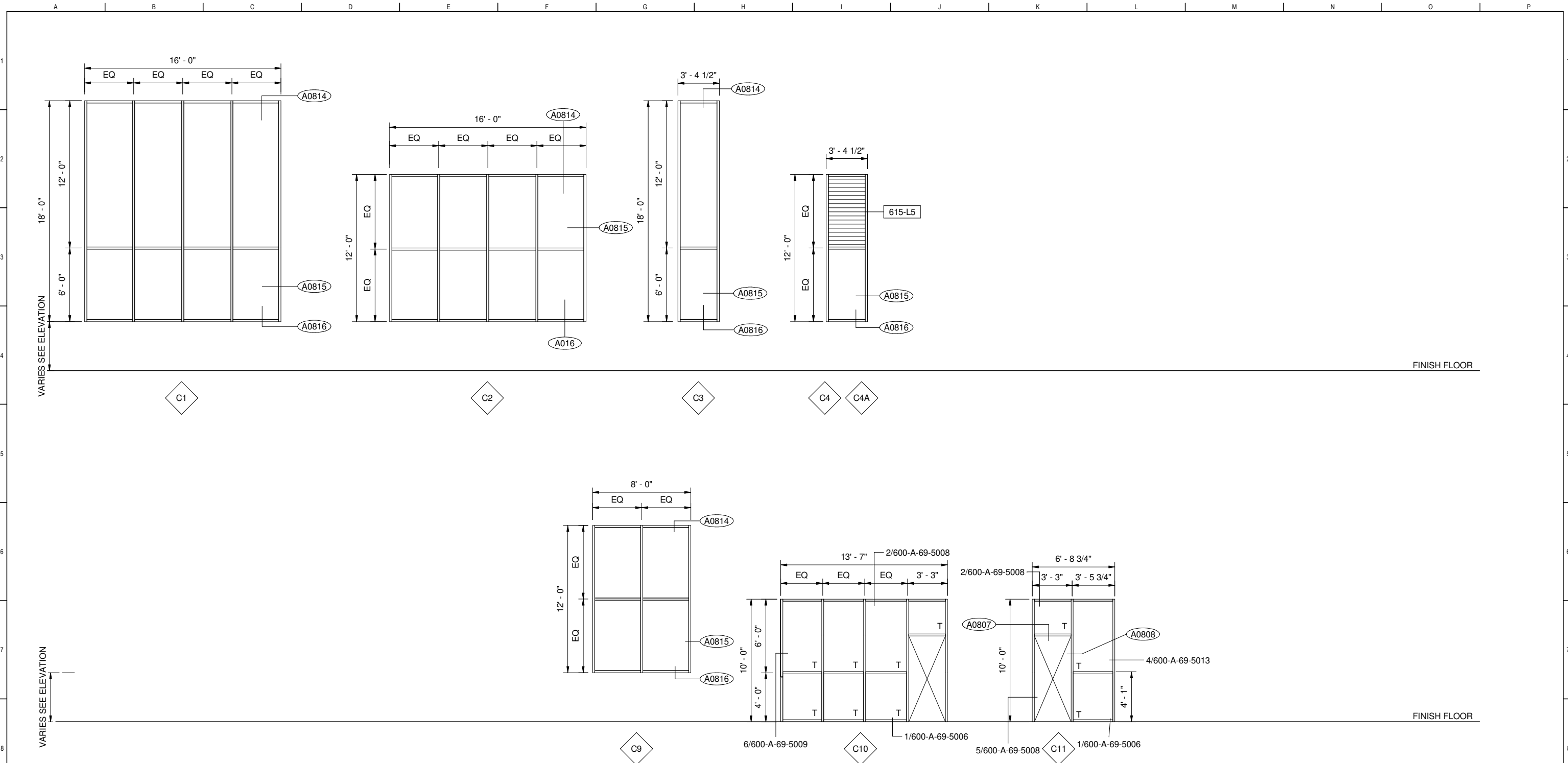
ELEVATION  
DATUM  
CITY



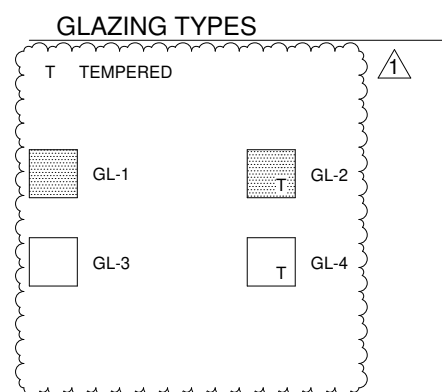
BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
<b>Brown and Caldwell</b>		<b>ch2m</b>	
PROJECT ENGINEER D. GREEN	DRAWN A. HARM	SECTION MANAGER A. HARM	DESIGNED A. HARM
PROJECT MANAGER T. STIGERS	CHECKED G. ROBLEY	WWE O&M MANAGER A. HARM	SCALE AS SHOWN
APPROVED J. MCGRAW	DATE 01/22/21	DATE Jan 22, 2021	REVISION REV #1
NO.	DATE	DESCRIPTION	BY
REVISIONS			

<b>CONTRACT NO. WW-647R</b>		
CITY AND COUNTY OF SAN FRANCISCO <b>PUBLIC UTILITIES COMMISSION</b> INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU		
SOUTHEAST WATER POLLUTION CONTROL PLANT BIOSOLIDS DIGESTER FACILITIES PROJECT		
GENERAL SITEWIDE <b>WINDOW TYPES</b>		
CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO. <b>000-A-75-5004</b>	DRAWING / FILE NO.	REVISION <b>1</b>





**EXTERIOR CURTAIN WALL TYPES**  
SCALE: 1/4" = 1'-0"



**GENERAL NOTES**

1. ALL DIMENSIONS ARE TO CENTERLINE OF MULLION OR EDGE OF ROUGH OPENING, UNO
2. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION
3. PROVIDE GLAZING TYPE GL-4 AT ALL DOOR SIDE LITES AND TRANSOMS
4. SUBTRACT 1/4" FROM EACH HEAD AND JAMB CONDITION IN CONC OPENINGS
5. SEE LOUVER SCHEDULE 000-A-75-6007 FOR LOUVER TYPES
6. SEE SPEC SECTION 08 80 00 FOR GLAZING TYPES
7. ALL FRAMES TO BE 2" WIDE, UNO

**FOR CONSTRUCTION**  
Scope II

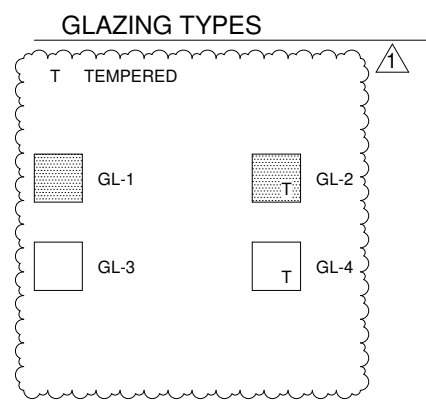
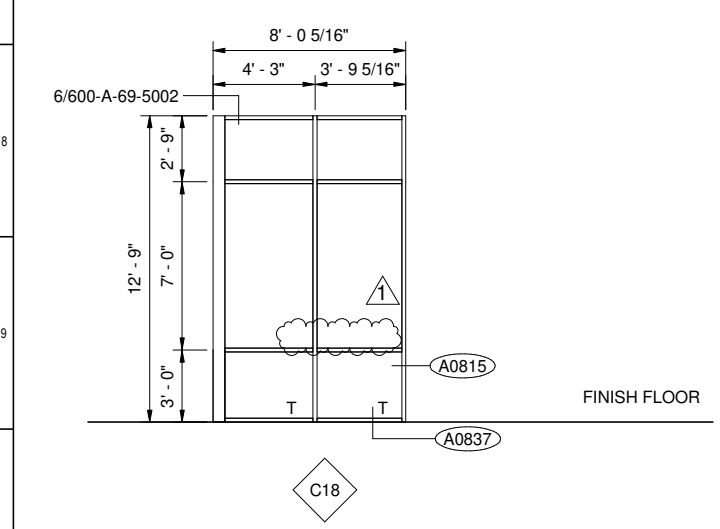
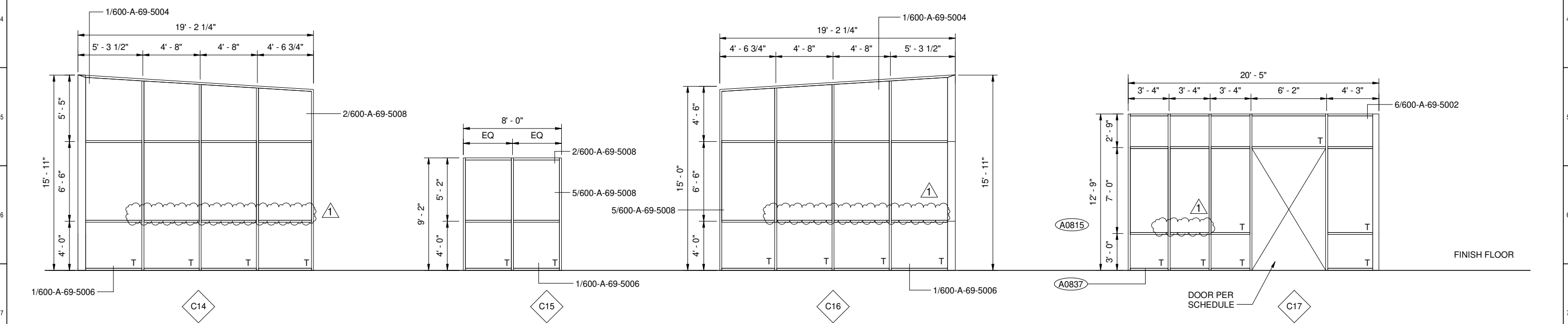
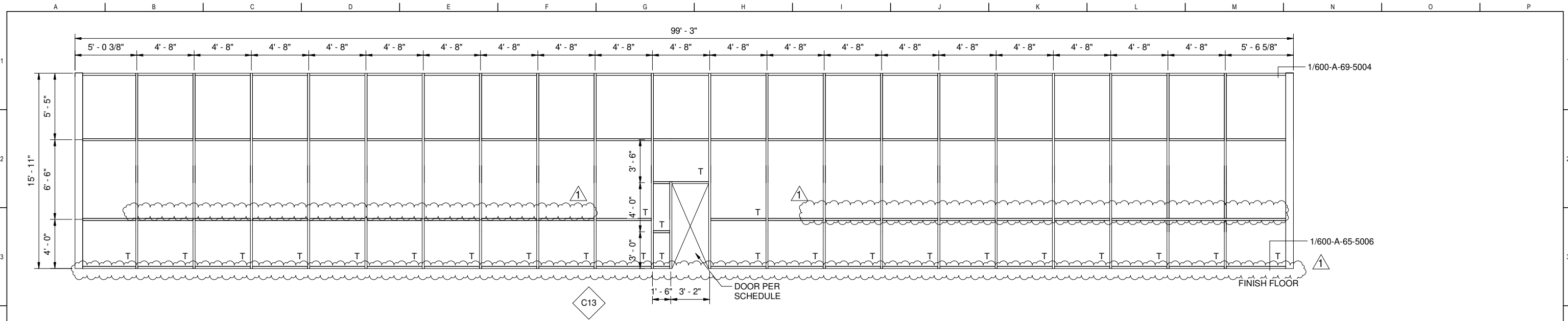
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ELEVATION DATUM  
CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY
DATE	01/22/21	REV #1	
NO.		DESCRIPTION	ALH JJM BY APPD
REVISIONS			

<b>CONTRACT NO. WW-647R</b>		
CITY AND COUNTY OF SAN FRANCISCO		
<b>PUBLIC UTILITIES COMMISSION</b>		
INFRASTRUCTURE DIVISION		
ENGINEERING MANAGEMENT BUREAU		
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b>		
BIOSOLIDS DIGESTER FACILITIES PROJECT		
GENERAL SITEWIDE		
<b>WINDOW TYPES</b>		
CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
	AS SHOWN	Jan 22, 2021
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION
<b>000-A-75-5005</b>		<b>1</b>



**GENERAL NOTES**

1. ALL DIMENSIONS ARE TO CENTERLINE OF MULLION OR EDGE OF ROUGH OPENING, UNO
2. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION
3. PROVIDE GLAZING TYPE GL-4 AT ALL DOOR SIDE LITES AND TRANSOMS
4. SUBTRACT 1/4" FROM EACH HEAD AND JAMB CONDITION IN CONC OPENINGS
5. SEE LOUVER SCHEDULE 000-A-75-6007 FOR LOUVER TYPES
6. SEE SPEC SECTION 08 80 00 FOR GLAZING TYPES
7. ALL FRAMES TO BE 2" WIDE, UNO

**EXTERIOR CURTAIN WALL TYPES**  
SCALE: 1/4" = 1'-0"

**FOR CONSTRUCTION**  
Scope II

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ELEVATION  
DATUM  
CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY

NO.	DATE	REV #1	DESCRIPTION	ALH	JJM
				BY	APPROD

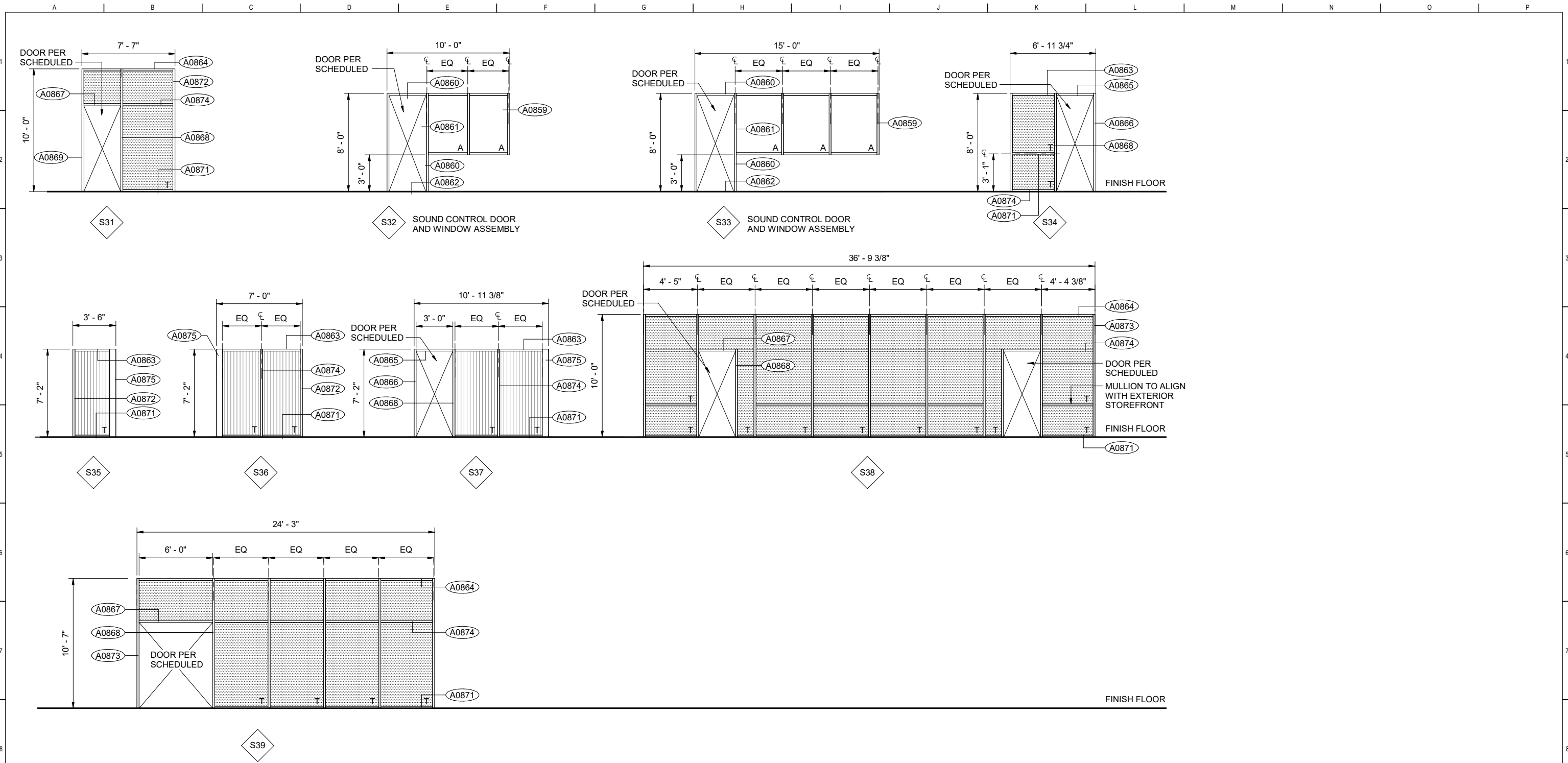
**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**WINDOW TYPES**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
	DATE Jan 22, 2021
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-A-75-5006</b>	DRAWING / FILE NO. <b>1</b>



**INTERIOR STOREFRONT TYPES SF-2**  
SCALE: 1/4" = 1'-0"

**GLAZING TYPES**

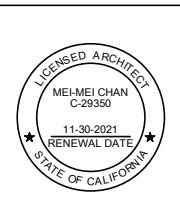
T	TEMPERED
A	LAMINATED SOUND CONTROL GLASS
	GL-1
	GL-2
	GL-11
	GL-12
	GL-13

- GENERAL NOTES**
- ALL DIMENSIONS ARE TO CENTERLINE OF MULLION OR EDGE OF ROUGH OPENING, UNO
  - FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION
  - PROVIDE GLAZING TYPE GL-2 AT ALL DOOR SIDE LITES AND TRANSOMS
  - SUBTRACT 1/4" FROM EACH HEAD AND JAMB CONDITION IN CONC OPENINGS
  - SEE SPEC SECTION 08 80 00 FOR GLAZING DESCRIPTION
  - SEE SPEC SECTION 08 34 70 FOR SOUND CONTROL DOOR AND WINDOW ASSEMBLIES

**FOR CONSTRUCTION**  
Scope II

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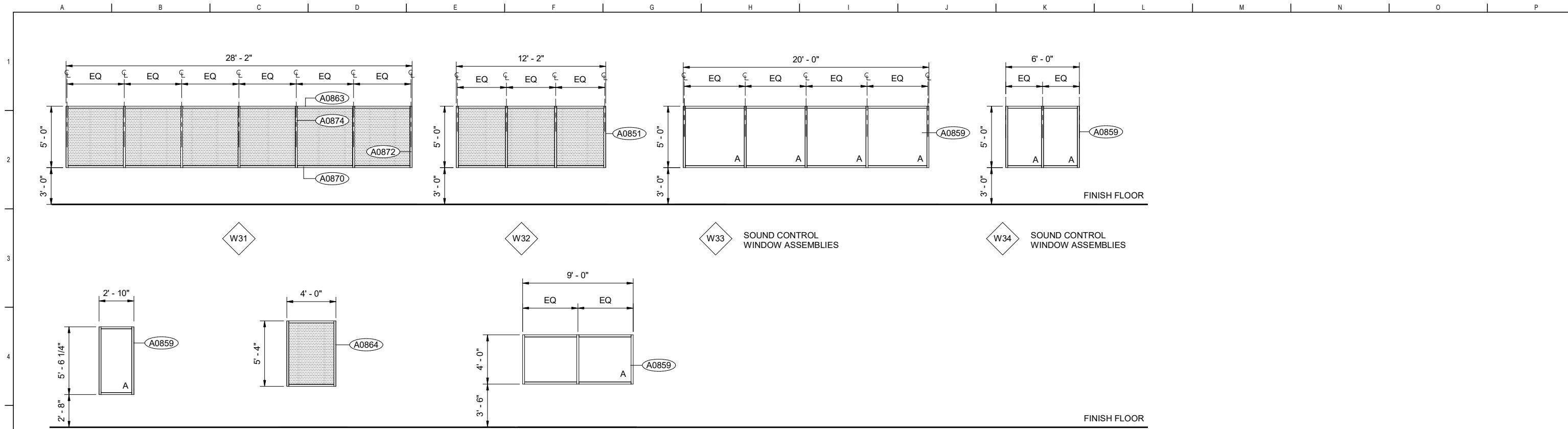
ELEVATION  
DATUM  
CITY



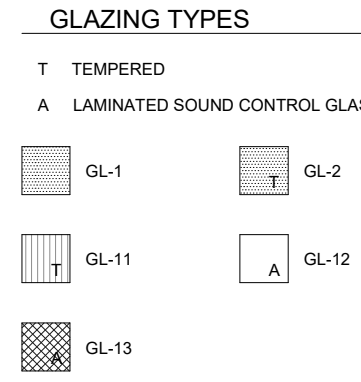
BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM

PROJECT ENGINEER D. GREEN	DRAWN H. CHIU			
PROJECT MANAGER T. STIGERS	DESIGNED L. WANG			
APPROVED M. CHAN	CHECKED L. WANG			
NO.	DATE	DESCRIPTION	BY	APPROVED
REVISIONS				

<b>CONTRACT NO. WW-647R</b>	
CITY AND COUNTY OF SAN FRANCISCO <b>PUBLIC UTILITIES COMMISSION</b> INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU	
SOUTHEAST WATER POLLUTION CONTROL PLANT BIOSOLIDS DIGESTER FACILITIES PROJECT	
GENERAL SITEWIDE WINDOW TYPES	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-A-75-5007</b>	DRAWING / FILE NO. REVISION



**INTERIOR WINDOW TYPES**  
SCALE: 1/4" = 1'-0"

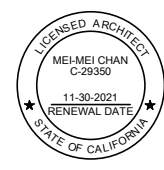


- GENERAL NOTES**
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  2. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION
  3. PROVIDE GLAZING TYPE GL-2 AT ALL DOOR SIDE LITES AND TRANSOMS
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  6. SEE SPEC SECTION 08 34 70 FOR SOUND CONTROL DOOR AND WINDOW ASSEMBLIES

**FOR CONSTRUCTION**  
Scope II

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ELEVATION  
DATUM  
CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM

PROJECT ENGINEER D. GREEN	DRAWN H. CHIU
PROJECT MANAGER T. STIGERS	DESIGNED L. WANG
APPROVED M. CHAN	CHECKED L. WANG

REVISIONS

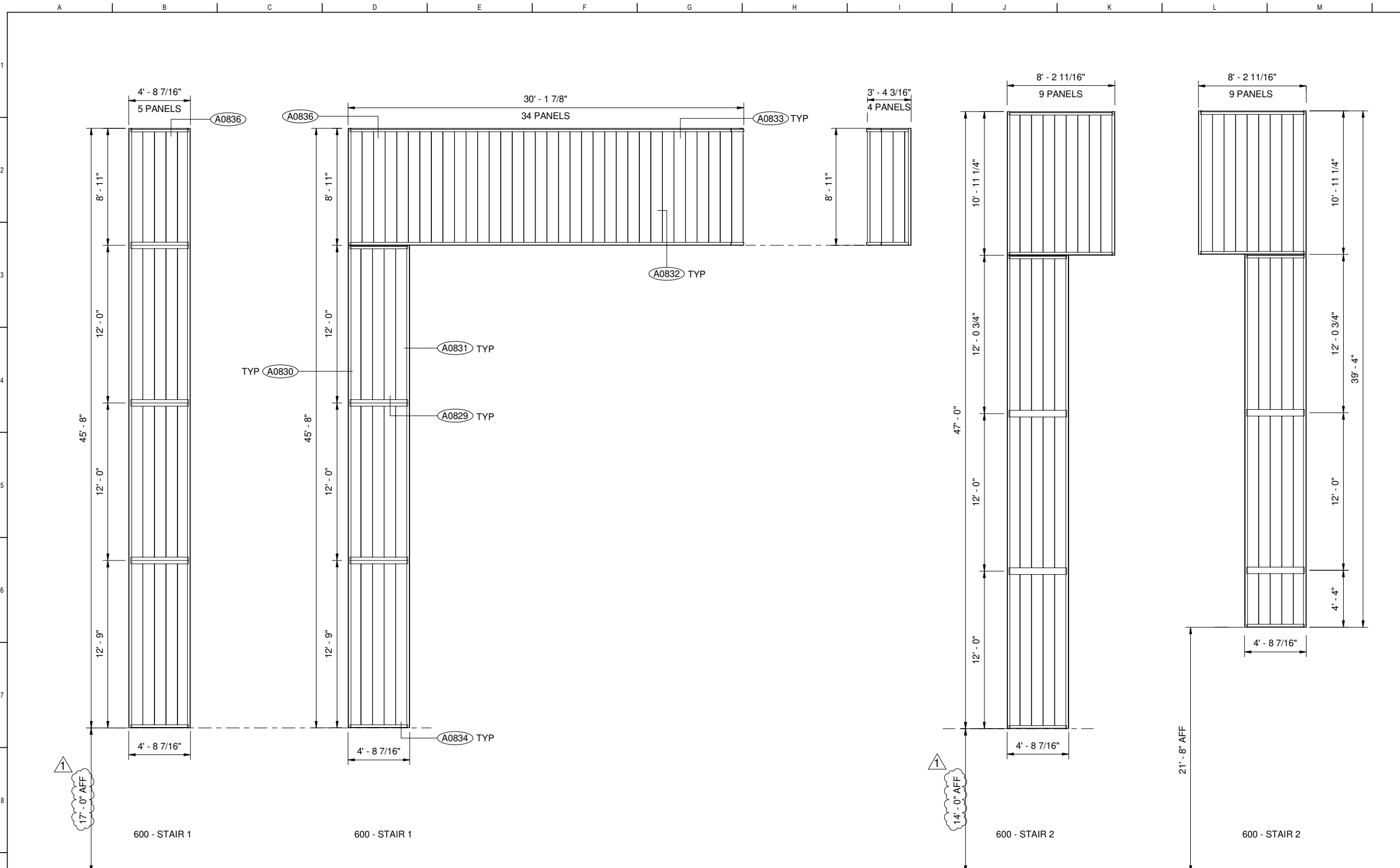
NO.	DATE	DESCRIPTION	BY	APPROVED

<b>CONTRACT NO. WW-647R</b>	
CITY AND COUNTY OF SAN FRANCISCO <b>PUBLIC UTILITIES COMMISSION</b> INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU	
SOUTHEAST WATER POLLUTION CONTROL PLANT BIOSOLIDS DIGESTER FACILITIES PROJECT	
GENERAL SITEWIDE <b>WINDOW TYPES</b>	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
	DATE Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>000-A-75-5008</b>	DRAWING / FILE NO. REVISION

**GENERAL SHEET NOTES**

- DIMENSIONS ARE TO EDGE OF ROUGH OPENING OR CENTERLINE OF STEEL SUPPORT

1



600 - STAIR 1      600 - STAIR 1      600 - STAIR 2      600 - STAIR 2

FIRST FLOOR

CG1

CG2

CG14

CG3

CG4

**CHANNEL GLASS CURTAIN WALL**  
SCALE: 1/4" = 1'-0"

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**CHANNEL GLASS TYPES**

BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM



PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Jan 22, 2021

NO.	DATE	REVISIONS	DESCRIPTION	BY	APPROD
1	01/22/21	REV #1		ALH	JJM

MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
000-A-75-5009	
REVISION	1



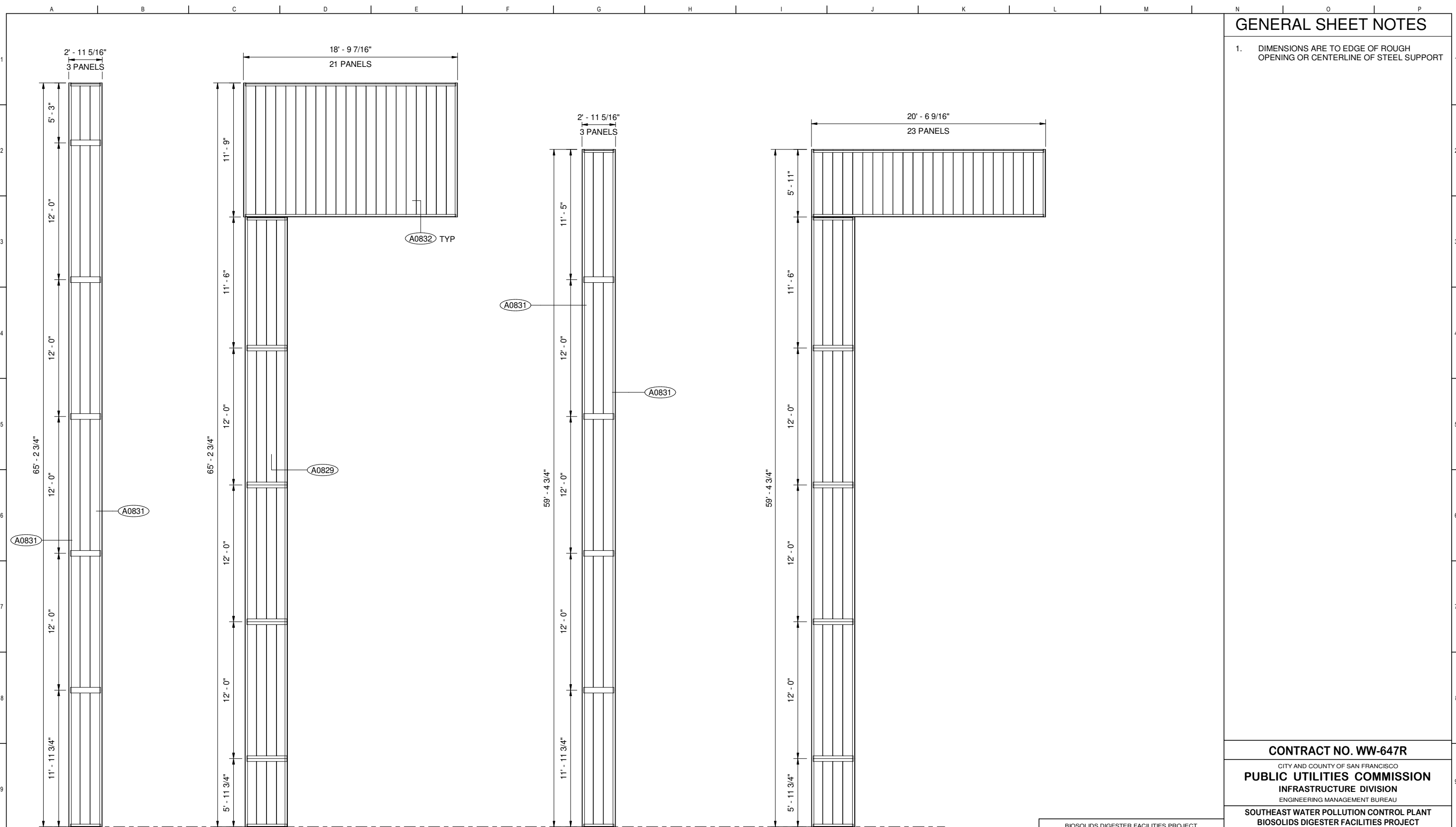
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Scope II

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**GENERAL SHEET NOTES**

- DIMENSIONS ARE TO EDGE OF ROUGH OPENING OR CENTERLINE OF STEEL SUPPORT



**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO SOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**CHANNEL GLASS TYPES**

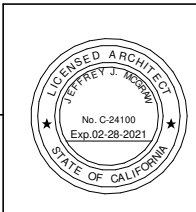
CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
APPROVED	AS SHOWN	Oct 30, 2020
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION
<b>000-A-75-5010</b>		

BIO SOLIDS DIGESTER FACILITIES PROJECT  
 CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY

REVISIONS

NO.	DATE	DESCRIPTION	BY	APPROV.



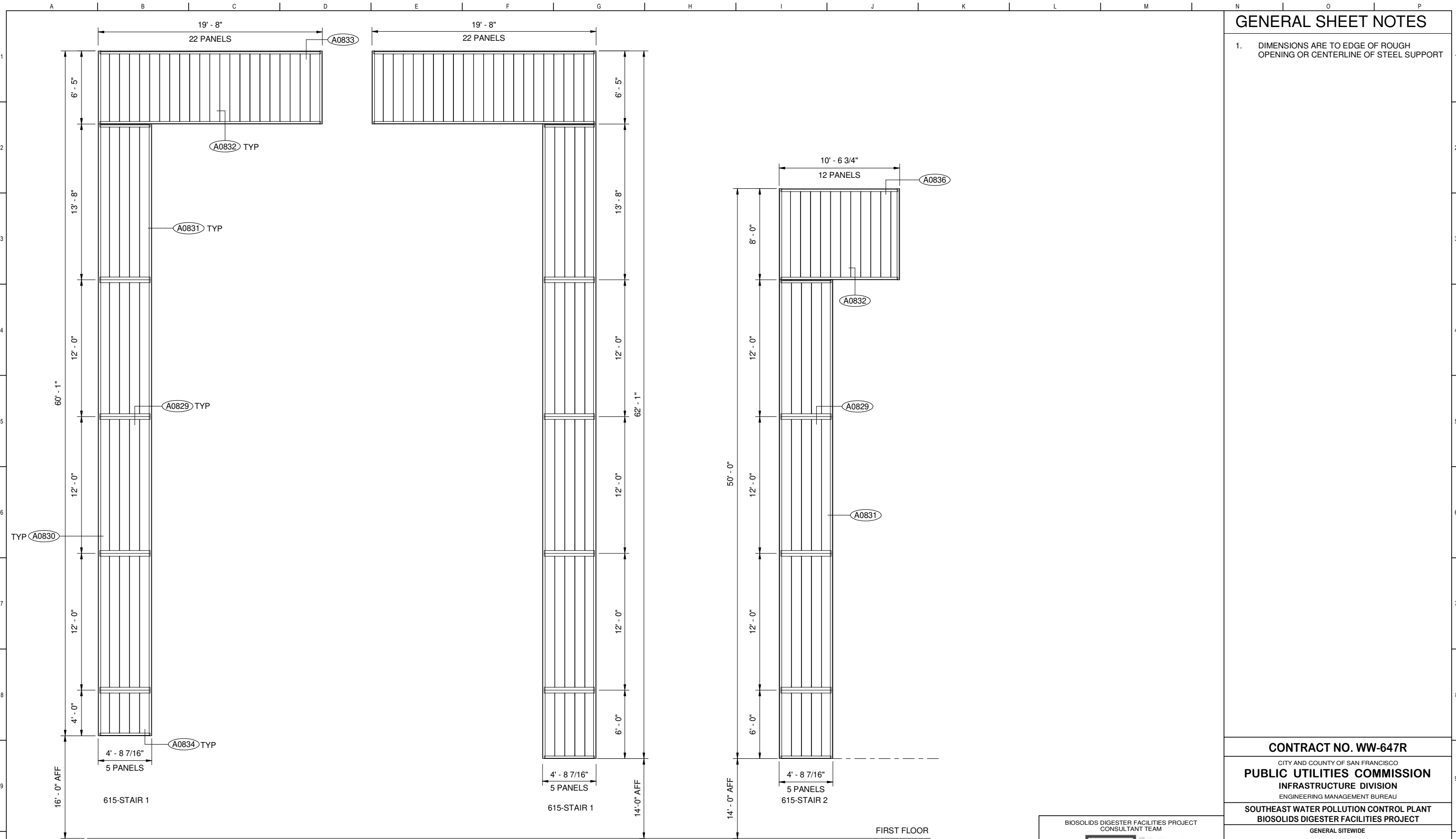
610-ELEVATOR (CG5)      610-ELEVATOR (CG6)      610-STAIR 1 AND 2 (CG7)      610-STAIR 1 AND 2 FIRST FLOOR (CG8)

**CHANNEL GLASS CURTAIN WALL**  
 SCALE: 1/4" = 1'-0"

**FOR CONSTRUCTION**  
 Scope II

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ELEVATION DATUM  
 CITY



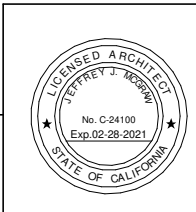
**GENERAL SHEET NOTES**

- DIMENSIONS ARE TO EDGE OF ROUGH OPENING OR CENTERLINE OF STEEL SUPPORT

**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO SOLIDS DIGESTER FACILITIES PROJECT**  
 GENERAL SITEWIDE  
**CHANNEL GLASS TYPES**

BIO SOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY
NO.	DATE	DESCRIPTION	BY
REVISIONS			

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-A-75-5011</b>	REVISION



**CHANNEL GLASS CURTAIN WALL**  
 SCALE: 1/4" = 1'-0"

**FOR CONSTRUCTION**  
 Scope II

FOR THE SOLE USE OF THE DOCUMENT RECIPIENT - DO NOT CITE, COPY, OR CIRCULATE WITHOUT THE EXPRESSED PERMISSION OF THE SFPUC.

ELEVATION DATUM  
 CITY



INTERIOR FINISH SCHEDULE - 600									
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	NOTES & REMARKS
				NORTH	EAST	SOUTH	WEST		
1	600-B01	LOBBY	F-3	-	-	-	-	D-4	-
	600-B02	STAIR 2	F-1	-	-	-	-	-	-
	600-B03	STAIR 1	F-1	-	-	-	-	-	-
	600-B04	ELEVATOR	F-8	B-5	D-8	D-8	D-8	D-8	E-8
	600-B05	CORRIDOR	F-1	-	-	-	-	-	-
	600-B06	PPR WET WELL 1	F-7	-	D-7	D-7	D-7	D-7	E-6
	600-B07	PPR WET WELL 2	F-7	-	D-7	D-7	D-7	D-7	E-6
	600-B08	CPAS WET WELL 1	F-7	-	D-7	D-7	D-7	D-7	E-6
	600-B09	CPAS WET WELL 2	F-7	-	D-7	D-7	D-7	D-7	E-6
2	600-B10	SCREENED CPAS WET WELL 2	F-7	-	D-7	D-7	D-7	D-7	E-6
	600-B11	SCREENED CPAS WET WELL 1	F-7	-	D-7	D-7	D-7	D-7	E-6
	600-B12	GBT THICKENING AND CENTRIFUGE FEED PUMP ROOM	F-3, F-1	-	D-1	D-1	D-1	D-1	-
	600-B13	PRE-THP DEWATERING PUMP ROOM	F-3, F-1	-	D-1	D-1	D-1	D-1	-
	600-B14	FIRE PUMP ROOM	F-1	-	-	-	-	-	-
	600-B15	FOUNTAIN PUMP ROOM	F-1	-	-	-	-	-	-
3	600-B16	VESTIBULE	F-1	-	-	-	-	D-2	-
	600-101	CORRIDOR	F-3, F-1	-	-	-	-	-	-
	600-102	STAIR 2	F-1	-	-	-	-	-	-
	600-103	STAIR 1	F-1	-	-	-	-	-	-
	600-105	ALL-GENDER RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1
	600-106	ALL-GENDER RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1
	600-107	OPERATION SHOP	F-3	-	D-1	D-1	D-2	D-1	-
	600-108	CENTRIFUGE MAINTENANCE	F-1, F-3	-	D-1	D-1	D-1	D-1	-
4	600-109	PROCESS MECHANICAL ROOM	F-1	-	-	-	-	-	-
	600-110	PROCESS MECHANICAL	F-3, F-1	-	-	-	-	-	-
	600-111	TOOLS ROOM/PARTS STORAGE	F-3	-	-	-	-	-	-
	600-112	PROCESS MECHANICAL	F-3, F-1	-	-	-	-	-	-
	600-113	POLYMER WETTING	F-1	-	D-1	D-1	D-1	D-1	-
	600-114	DRY POLYMER	F-1	-	D-1	D-1	D-1	D-1	-
	600-115	MAIN TELECOM ROOM	F-6	-	D-2	-	-	D-2	E-2
	600-116	DCS EQUIPMENT ROOM	F-6	-	-	-	D-2	D-2	E-2
	600-117	CORRIDOR	-	-	-	-	-	-	-
5	600-118	SCREENING ROLLOFF ROOM	F-1	-	D-1	D-1	D-1	D-1	-
	600-119	THICKENING AND SCREENING ELECTRICAL ROOM	-	-	-	-	-	-	-
	600-120	PRE-THP DEWATERING AND THP ELECTRICAL ROOM	-	-	-	-	-	-	-
	600-121	STORAGE	F-1	-	-	-	-	-	-
	600-122	LOBBY	F-2	-	D-4	D-4	D-1	D-4	-
	600-201	CORRIDOR	F-2, F-3	-	-	-	-	-	-
6	600-202	STAIR 2	F-1	B-2	D-2	D-2	D-2	-	-
	600-203	STAIR 1	F-1	B-2	D-2	D-2	D-2	D-2	-
	600-205	ALL-GENDER RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1
	600-206	ALL-GENDER RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1
	600-207	JANITOR	F-1	B-1	D-2, D-5	D-2, D-5	D-2, D-5	D-2, D-5	E-1
	600-208	SAMPLE TESTING	F-6	B-1	D-2	D-2	D-2	D-2	E-2
	600-209	PRE-THP DEWATERING CENTRIFUGE	F-3, F-1	-	D-1, D-9	D-1, D-9	D-1, D-9	D-1, D-9	E-7
	600-210	CORRIDOR	F-1	-	-	-	-	-	-
7	600-211	OPERATIONS ROOM	F-6	B-1	D-2	-	-	D-2	E-1, E-3
	600-212	PROCESS MECHANICAL	F-1	B-1	D-2	-	-	D-2	-
	600-213	GRAVITY BELT THICKENER	F-3, F-1	-	D-1	D-1	D-1	D-1	-
	600-214	SLUDGE SCREEN ROOM	F-1	-	D-1	D-1	D-1	D-1	-
	600-215	PANEL ROOM	F-1	-	-	-	-	-	-
	600-216	AHP SYSTEM	F-1	-	D-1	D-1	D-1	D-1	-
	600-217	STORAGE	F-1	-	-	-	-	-	-
	600-218	PROCESS TESTING	F-6	B-1	D-1	D-1	D-1	D-1	E-2
8	600-219	BALCONY	F-4	B-3	-	-	-	-	-
	600-220	STORAGE	F-1	B-1	D-2	D-2	D-2	D-2	-
	600-221	SERVER ROOM	F-6	B-1	D-2	-	-	D-2	E-2
	600-222	LOBBY	F-2, F-3	-	-	-	-	-	-
	600-301	MECHANICAL ROOM	F-1, F-3	-	-	-	-	-	-
	600-302	STAIR 2	F-1	-	D-2	D-2	D-2	D-2	-
	600-303	STAIR 1	F-1	-	D-2	D-2	D-2	-	-

INTERIOR FINISH SCHEDULE - 600									
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	NOTES & REMARKS
				NORTH	EAST	SOUTH	WEST		
600-305	STORAGE	F-1	B-1	-	-	-	-	-	-
600-306	LOBBY	F-1	-	D-4	-	-	D-4	-	-
600-401	LOBBY	F-2	B-2	D-2, D-4	D-4, D-6	D-2, D-4	D-4	E-1, E-3, E-4	-
600-402	STAIR 2	F-1	B-2	D-2	D-2	D-2	D-2	-	-
600-403	STAIR 1	F-1	B-2	D-2	D-2	D-2	D-2	-	-
600-405	MACHINE ROOM	F-1	-	-	-	-	-	-	-
600-406	ITS / DATA COMM ROOM	F-5	B-4	D-2	D-2	D-2	D-2	E-2	-
600-408	MECHANICAL	-	B-4	D-2	D-2	D-2	D-2	-	-
600-409	MAIN DCS ROOM	F-5	B-4	D-2	D-2	D-2	D-2	E-2	-
600-410	DCS CONTROL EQUIP	F-5	B-1	D-2	D-2	D-2	D-2	E-2	-
600-411	MAIN CONTROL ROOM	F-5	B-1	D-2	-	D-2	D-2	-	E-4
600-412	MEETING ROOM	F-5	B-1	D-2	-	-	D-2	-	E-4
600-413	BREAK ROOM	F-6	B-1	D-2	D-2	D-2	D-2	E-2	-
600-414	ELECTRICAL ROOM	F-5	B-4	D-2	D-2	D-2	D-2	E-2	-
600-415	ALL GENDER RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1	-
600-416	RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1	-
600-417	MEETING ROOM	F-5	B-1	D-2	D-2	D-2	D-2	E-2	-
600-418	SMALL CONFERENCE	F-5	B-1	D-2	D-2	D-2	D-2	E-2	-
600-419	RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1	-
600-420	JANITOR	F-1	B-1	D-2, D-5	D-2, D-5	D-2, D-5	D-2, D-5	-	-
600-421	CORRIDOR	F-5	B-1, B-2	D-2, D-4	D-2	D-2, D-4	D-2, D-4	E-1, E-3	-
600-422	CHIEF'S OFFICE	F-5	B-1	-	D-2	-	D-2	-	E-4

**INTERIOR FINISH MATERIAL LEGEND**

**FLOOR**

- NO FINISH
- F-1 - WATER REPELLENT SEALER
- F-2 - SEALED AND STAINED WITH PATTERN
- F-3 - FLOOR HARDENER
- F-4 - PORCELAIN TILE
- F-5 - ACCESS FLOORING WITH TILE FINISH
- F-6 - RESILIENT FLOORING
- F-7 - CHEMICAL RESISTANT COATING, SEE 09 96 35
- F-8 - SS CHECKER PLATE

**BASE**

- NO FINISH
- B-1 - RUBBER COVE
- B-2 - STAINLESS STEEL
- B-3 - PORCELAIN TILE
- B-4 - TERRAZZO BASE
- B-5 - SS PANEL

**WALL**

- NO FINISH
- D-1 - WATER REPELLENT SEALER
- D-2 - PAINTED GYP BD
- D-3 - CERAMIC TILE
- D-4 - PHENOLIC PANEL SYSTEM
- D-5 - 5' STAINLESS STEEL WAINSCOT
- D-6 - WOOD GRILLE
- D-7 - CHEMICAL RESISTANT COATING, SEE 09 96 35
- D-8 - SS PANEL
- D-9 - 2" THICK ACOUSTICAL WALL BAFFLES ON 2" BRACKETS
- D-10 - FIBER CEMENT

**CEILING**

- NO FINISH
- E-1 - PAINTED GYP BD
- E-2 - ACOUSTIC CEILING TILE
- E-3 - METAL PANEL
- E-4 - WOOD GRILLE
- E-5 - METAL SOFFIT LINER PANEL
- E-6 - CHEMICAL RESISTANT COATING, SEE 09 96 35
- E-7 - 1" THICK SFRM - AS SPRAYED FINISH. SFRM CEILING AND BEAMS BEYOND REQUIRED FIREPROOF THICKNESS SHOWN IN DRAWINGS. FULL COVERAGE, UNO, SEE 078100
- E-8 - SS PANEL
- E-9 - FIREPROOF PER UL S728

**GENERAL NOTES:**

1. SEE SPECIFICATIONS SECTION 09 90 00, PAINTING AND COATING FOR PAINTING AND COATING SYSTEMS
2. PAINT EXPOSED STEEL STRUCTURE PAINT SYSTEM 4, SEE SPECIFICATION SECTION 09 90 00 AND PANEL LAYOUT
3. SEE FINISH PLANS FOR FINISH COLORS
4. FOR ACOUSTIC WALL BAFFLES, SEE SPECIFICATIONS SECTION 09 84 53
5. RUBBER COVE BASE ONLY ON MTL STUD WALLS, WHERE INDICATED
6. SEE SPEC SECTION 03 30 00 FOR CONCRETE FINISH SCHEDULE
7. CONCRETE FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT
8. ALL INTERIOR STRUCTURAL FRAMING AND DECKING TO BE PAINTED STL-3

**FINISH NOTES:**

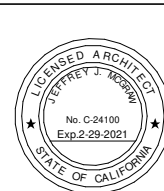
1. CONCRETE WALL TYPE W2, SEE 03 30 00
2. SEE 610 DRAWINGS FOR COATING LIMITS
3. COATING INSIDE DIGESTERS, CRC-2



**FOR CONSTRUCTION**  
Scope II

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ELEVATION DATUM  
CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
Brown and Caldwell		ch2m	
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY
NO.	DATE	DESCRIPTION	ALH BY JJM
REVISIONS			

<b>CONTRACT NO. WW-647R</b>		
CITY AND COUNTY OF SAN FRANCISCO		
<b>PUBLIC UTILITIES COMMISSION</b>		
INFRASTRUCTURE DIVISION		
ENGINEERING MANAGEMENT BUREAU		
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b>		
<b>BIOSOLIDS DIGESTER FACILITIES PROJECT</b>		
GENERAL SITEWIDE		
<b>FINISH SCHEDULE</b>		
CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWW O&M MANAGER	SCALE	DATE
	AS SHOWN	Jan 22, 2021
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWW ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION
000-A-75-6001		1

INTERIOR FINISH SCHEDULE - 610										
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	NOTES & REMARKS	
				NORTH	EAST	SOUTH	WEST			
1	610-LB001	LOWER BASEMENT	F-3, F-1	-	D-1	D-1	D-1	D-1	E-7	5,400 SF (MIN) COVERAGE ON CEILING, SEE RCP FOR LOCATION
	610-LB101	UNDER TANK 1	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-LB102	UNDER TANK 2	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-LB103	UNDER TANK 3	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-LB104	UNDER TANK 4	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-LB105	UNDER TANK 5	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-LB106	STAIR 1	F-1	-	-	-	-	-	-	
2	610-LB107	ELEVATOR 1	F-8	B-5	D-8	D-8	D-8	D-8, D-5	E-8	WAINSCOT ON OUTSIDE DOOR WALL
	610-LB108	STAIR 2	F-1	-	-	-	-	-	-	
	610-UB001	UPPER BASEMENT	F-3, F-1	-	-	-	-	-	-	
	610-UB101	DIGESTER 1	-	-	-	-	-	-	-	UNACCESSIBLE SPACE, 2, 3
	610-UB102	DIGESTER 2	-	-	-	-	-	-	-	UNACCESSIBLE SPACE, 2, 3
	610-UB103	DIGESTER 3	-	-	-	-	-	-	-	UNACCESSIBLE SPACE, 2, 3
	610-UB104	DIGESTER 4	-	-	-	-	-	-	-	UNACCESSIBLE SPACE, 2, 3
	610-UB105	DIGESTER 5	-	-	-	-	-	-	-	UNACCESSIBLE SPACE, 2, 3
	610-UB106	UNDER TANK 1	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
3	610-UB107	UNDER TANK 2	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-UB108	UNDER TANK 3	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-UB109	UNDER TANK 4	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-UB110	UNDER TANK 5	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	610-UB111	STAIR 1	F-1	-	D-1	D-1	D-1	D-1	-	
	610-UB112	MACHINE ROOM	F-1	-	D-1	D-1	D-1	D-1	-	
	610-UB113	ELEVATOR 1	-	-	-	-	-	-	-	
	610-UB114	STAIR 2	F-1	-	-	-	-	-	-	
4	610-FF101	DIGESTER 1	-	-	D-7	D-7	D-7	D-7	E-6	UNACCESSIBLE SPACE, 2, 3
	610-FF102	DIGESTER 2	-	-	D-7	D-7	D-7	D-7	E-6	UNACCESSIBLE SPACE, 2, 3
	610-FF103	DIGESTER 3	-	-	D-7	D-7	D-7	D-7	E-6	UNACCESSIBLE SPACE, 2, 3
	610-FF104	DIGESTER 4	-	-	D-7	D-7	D-7	D-7	E-6	UNACCESSIBLE SPACE, 2, 3
	610-FF105	DIGESTER 5	-	-	D-7	D-7	D-7	D-7	E-6	UNACCESSIBLE SPACE, 2, 3
	610-FF106	STAIR 1	F-1	B-1	D-2	D-2	D-2	D-2	-	
	610-FF108	STAIR 2	F-1	B-1	D-2	D-2	D-2	D-2	-	
	610-FF109	DCS EQUIPMENT ROOM	F-6	-	-	-	-	-	E-2, E-9	
	610-FF110	FIRE RISER ROOM	-	-	-	-	-	-	E-9	
5	610-FF111	ELECTRICAL ROOM	-	-	-	-	-	-	E-9	
	610-TT101	STAIR 1	F-1	B-1	D-2	D-2	D-2	D-2	-	
	610-TT103	STAIR 2	F-1	B-1	D-2	D-2	D-2	D-2	-	

INTERIOR FINISH SCHEDULE - 615										
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	NOTES & REMARKS	
				NORTH	EAST	SOUTH	WEST			
	615-101	STAIR 1	F-1	-	-	-	-	-	-	
	615-102	ELEVATOR	F-8	B-5	D-8	D-8	D-8	D-8	E-8	
	615-103	STAIR 2	F-1	-	-	-	-	-	-	
	615-104	LOBBY	F-1	-	D-1	D-1	D-1	D-1	-	
	615-105	STORAGE	-	-	-	-	-	-	-	
	615-106	RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1	
	615-107	ELECTRICAL ROOM	-	-	-	-	-	-	-	
	615-108	HVAC ROOM	-	-	-	-	-	-	-	
	615-109	POLYMER ROOM	F-1	-	D-1	D-1	D-1	D-1	-	
	615-110	TRUCK BAY 1	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	615-111	TRUCK BAY 2	F-3, F-1	-	D-1	D-1	D-1	D-1	-	
	615-112	TRUCK LOADING OPERATION	F-1	B-1	-	-	D-2, D-5	-	-	
	615-113	HYDRAULIC POWER UNIT ROOM	F-1	B-1	D-2, D-5	-	-	-	-	
	615-114	PIPE CHASE	-	-	-	-	-	-	-	
	615-115	VESTIBULE	F-3, F-1	-	-	-	-	-	-	
	615-116	VESTIBULE	F-3, F-1	-	-	-	-	-	-	
	615-117	VESTIBULE	F-3, F-1	-	-	-	-	-	-	
	615-118	VESTIBULE	F-3, F-1	-	-	-	-	-	-	
	615-201	STAIR 1	F-1	-	-	-	-	-	-	
	615-203	STAIR 2	F-1	B-1	D-2	D-2	D-2	D-2	-	
	615-204	MACHINE ROOM	F-1	-	-	-	-	-	-	
	615-205	SECURITY	F-6	-	-	-	-	-	E-2	
	615-206	PROCESS MECHANICAL	F-1	-	D-1	D-1	D-1	D-1	-	
	615-301	STAIR 1	F-1	-	-	-	-	-	-	
	615-303	STAIR 2	F-1	B-1	D-2	D-2	D-2	D-2	-	
	615-304	RESTROOM	F-4	B-3	D-3	D-3	D-3	D-3	E-1	
	615-305	TELECOM ROOM	F-6	-	-	-	-	-	E-2	
	615-306	DCS EQUIPMENT ROOM	F-6	-	-	-	-	-	E-2	
	615-307	OPERATIONS ROOM	F-1	B-1	D-2	D-2	D-2	D-2	E-2	
	615-308	PANEL ROOM	F-1	-	-	-	-	-	E-2	
	615-309	MAINTENANCE AREA	F-1	-	D-1	D-1	D-1	D-1	-	
	615-310	BELT FILTER PRESS ROOM	F-1	-	D-1	D-1	D-1	D-1	-	
	615-311	SAMPLE TESTING	F-1	B-1	D-2	D-2	D-2	D-2	E-2	
	615-B01	STAIR 1	F-1	-	-	-	-	-	-	
	615-B03	PROCESS MECHANICAL	F-1	-	D-1	D-1	D-1	D-1	-	
	615-RO1	STAIR 1	F-1	B-1	D-2	D-2	D-2	D-2	-	

INTERIOR FINISH SCHEDULE - 661									
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	NOTES & REMARKS
				NORTH	EAST	SOUTH	WEST		
661-B01	PIPE GALLERY	F-3, F-1	-	D-1	D-1	D-1	D-1	-	

INTERIOR FINISH SCHEDULE - 921										
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING		NOTES & REMARKS
				NORTH	EAST	SOUTH	WEST	FINISH	HEIGHT	
921-100	ELECTRICAL	-	-	-	-	-	-	-	-	
921-101	OPERATIONS ROOM	-	-	-	-	-	-	-	-	

**FLOOR**  
 - NO FINISH  
 F-1 WATER REPELLENT SEALER  
 F-2 SEALED AND STAINED WITH PATTERN  
 F-3 FLOOR HARDENER  
 F-4 PORCELAIN TILE  
 F-5 ACCESS FLOORING WITH TILE FINISH  
 F-6 RESILIENT FLOORING  
 F-7 CHEMICAL RESISTANT COATING, SEE 09 96 35  
 F-8 SS CHECKER PLATE

**CEILING**  
 - NO FINISH  
 E-1 PAINTED GYP BD  
 E-2 ACOUSTIC CEILING TILE  
 E-3 METAL PANEL  
 E-4 WOOD GRILLE  
 E-5 METAL SOFFIT LINER PANEL  
 E-6 CHEMICAL RESISTANT COATING, SEE 09 96 35  
 E-7 1" THICK SFRM - AS SPRAYED FINISH. SFRM CEILING AND BEAMS BEYOND REQUIRED FIREPROOF THICKNESS SHOWN IN DRAWINGS. FULL COVERAGE, UNO, SEE 078100  
 E-8 SS PANEL  
 E-9 FIREPROOF PER UL S728

**BASE**  
 - NO FINISH  
 B-1 RUBBER COVE  
 B-2 STAINLESS STEEL  
 B-3 PORCELAIN TILE  
 B-4 TERRAZZO BASE  
 B-5 SS PANEL

**GENERAL NOTES:**  
 1. SEE SPECIFICATIONS SECTION 09 90 00, PAINTING AND COATING FOR PAINTING AND COATING SYSTEMS  
 2. PAINT EXPOSED STEEL STRUCTURE PAINT SYSTEM 4. SEE SPECIFICATION SECTION 09 90 00 AND PANEL LAYOUT  
 3. SEE FINISH PLANS FOR FINISH COLORS  
 4. FOR ACOUSTIC WALL BAFFLES, SEE SPECIFICATIONS SECTION 09 84 53  
 5. RUBBER COVE BASE ONLY ON MTL STUD WALLS, WHERE INDICATED  
 6. SEE SPEC SECTION 03 30 00 FOR CONCRETE FINISH SCHEDULE  
 7. CONCRETE FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT  
 8. ALL INTERIOR STRUCTURAL FRAMING AND DECKING TO BE PAINTED STL-3

**WALL**  
 - NO FINISH  
 D-1 WATER REPELLENT SEALER  
 D-2 PAINTED GYP BD  
 D-3 CERAMIC TILE  
 D-4 PHENOLIC PANEL SYSTEM  
 D-5 5' STAINLESS STEEL WAINSCOT  
 D-6 WOOD GRILLE  
 D-7 CHEMICAL RESISTANT COATING, SEE 09 96 35  
 D-8 SS PANEL  
 D-9 2" THICK ACOUSTICAL WALL BAFFLES ON 2" BRACKETS  
 D-10 FIBER CEMENT

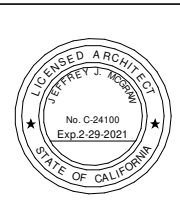
**FINISH NOTES:**  
 1. CONCRETE WALL TYPE W2, SEE 03 30 00  
 2. SEE 610 DRAWINGS FOR COATING LIMITS  
 3. COATING INSIDE DIGESTERS, CRC-2

**INTERIOR FINISH MATERIAL LEGEND**

**FOR CONSTRUCTION**  
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ELEVATION  
 DATUM  
 CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY
NO.	DATE	DESCRIPTION	BY
REVISIONS			

**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**  
 GENERAL SITEWIDE  
**FINISH SCHEDULE**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-A-75-6002</b>	REVISION

**INTERIOR FINISH SCHEDULE - 607**

ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH				CEILING FINISH	NOTES & REMARKS
				NORTH	EAST	SOUTH	WEST		
607-101	ELECTRICAL	-	-	-	-	-	-	-	8
607-102	CANOPY	-	-	-	-	-	-	-	

**FLOOR**

- - NO FINISH
- F-1 - WATER REPELLENT SEALER
- F-2 - SEALED AND STAINED WITH PATTERN
- F-3 - FLOOR HARDENER
- F-4 - PORCELAIN TILE
- F-5 - ACCESS FLOORING WITH TILE FINISH
- F-6 - RESILIENT FLOORING
- F-7 - CHEMICAL RESISTANT COATING, SEE 09 96 35
- F-8 - SS CHECKER PLATE

**BASE**

- - NO FINISH
- B-1 - RUBBER COVE
- B-2 - STAINLESS STEEL
- B-3 - PORCELAIN TILE
- B-4 - TERRAZZO BASE
- B-5 - SS PANEL

**WALL**

- - NO FINISH
- D-1 - WATER REPELLENT SEALER
- D-2 - PAINTED GYP BD
- D-3 - CERAMIC TILE
- D-4 - PHENOLIC PANEL SYSTEM
- D-5 - 5' STAINLESS STEEL WAINSCOT
- D-6 - WOOD GRILLE
- D-7 - CHEMICAL RESISTANT COATING, SEE 09 96 35
- D-8 - SS PANEL
- D-9 - 2" THICK ACOUSTICAL WALL BAFFLES ON 2" BRACKETS
- D-10 - FIBER CEMENT

**CEILING**

- - NO FINISH
- E-1 - PAINTED GYP BD
- E-2 - ACOUSTIC CEILING TILE
- E-3 - METAL PANEL
- E-4 - WOOD GRILLE
- E-5 - METAL SOFFIT LINER PANEL
- E-6 - CHEMICAL RESISTANT COATING, SEE 09 96 35
- E-7 - 1" THICK SFRM - AS SPRAYED FINISH. SFRM CEILING AND BEAMS BEYOND REQUIRED FIREPROOF THICKNESS SHOWN IN DRAWINGS. FULL COVERAGE, UNO, SEE 078100 SS PANEL
- E-8 - SS PANEL
- E-9 - FIREPROOF PER UL S728

**GENERAL NOTES:**

1. SEE SPECIFICATIONS SECTION 09 90 00, PAINTING AND COATING FOR PAINTING AND COATING SYSTEMS
2. PAINT EXPOSED STEEL STRUCTURE PAINT SYSTEM 4, SEE SPECIFICATION SECTION 09 90 00 AND PANEL LAYOUT
3. SEE FINISH PLANS FOR FINISH COLORS
4. FOR ACOUSTIC WALL BAFFLES, SEE SPECIFICATIONS SECTION 09 84 53
5. RUBBER COVE BASE ONLY ON MTL STUD WALLS, WHERE INDICATED
6. SEE SPEC SECTION 03 30 00 FOR CONCRETE FINISH SCHEDULE
7. CONCRETE FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT ALL INTERIOR STRUCTURAL FRAMING AND DECKING TO BE PAINTED STL-3

**FINISH NOTES:**

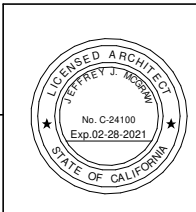
1. CONCRETE WALL TYPE W2, SEE 03 30 00
2. SEE 610 DRAWINGS FOR COATING LIMITS
3. COATING INSIDE DIGESTERS, CRC-2

INTERIOR FINISH MATERIAL LEGEND

**FOR CONSTRUCTION**  
Scope II

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ELEVATION  
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BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
Brown and Caldwell		ch2m	
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
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<b>CONTRACT NO. WW-647R</b>		
CITY AND COUNTY OF SAN FRANCISCO		
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ENGINEERING MANAGEMENT BUREAU		
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b>		
<b>BIOSOLIDS DIGESTER FACILITIES PROJECT</b>		
GENERAL SITESIDE		
<b>FINISH SCHEDULE</b>		
CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
	AS SHOWN	Dec 30, 2020
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION
<b>000-A-75-6003</b>		

DOOR SCHEDULE - 600																	
DOOR NO.	DOOR						FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	DETAILS			HEAD	JAMB	SILL					
	WIDTH	HEIGHT															
600-B01	6'-0"	8'-0"	E	FRP	FCF	N	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	52		
600-B02	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	24		
600-B03	6'-0"	7'-0"	E	FRP	FCF	L	FRP	FCF	A0806	A0806	-	90 MIN	YES	15	24		
600-B04	8'-0"	8'-0"	J	SS	FCF	C	SS	FCF	-	-	-	90 MIN	-	-	55	1	
600-B05A	8'-0"	8'-0"	E	FRP	FCF	P	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	44	5	
600-B05B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	YES	5	39		
600-B06	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	YES	5	40		
600-B12	6'-0"	8'-0"	E	FRP	FCF	B1	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	49		
600-B14	6'-0"	8'-0"	E	FRP	FCF	B	FRP	FCF	A0805	A0805	-	90 MIN	-	-	52		
600-B15	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	33		
600-101A	6'-0"	9'-11"	H	ALUM	FCF	C17	ALUM	FCF	-	-	A0809	-	YES	15	20	2, 3, 5, 9	
600-102A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	24		
600-102B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	10	3, 9	
600-103	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0853	A0855	-	90 MIN	YES	5	25		
600-104A	8'-0"	8'-0"	J	SS	FCF	C	SS	FCF	A0707	A0708	A0709	90 MIN	-	-	55	3	
600-104B	8'-0"	8'-0"	J	SS	FCF	C	SS	FCF	-	-	-	90 MIN	-	-	55		
600-105	3'-0"	7'-0"	A	FRP	FCF	K	FRP	FCF	A0853	A0855	-	-	-	5	26		
600-106	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	01	9	
600-107A	6'-0"	7'-0"	F	FRP	FCF	B	FRP	FCF	A0805	A0805	-	-	-	5	52		
600-107B	6'-0"	7'-0"	F	FRP	FCF	B	FRP	FCF	A0801	A0805	A0803	-	YES	5	18	5, 9	
600-108A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	YES	15	12	3, 9	
600-108B	10'-0"	11'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56	5	
600-109A	6'-0"	7'-0"	F	FRP	FCF	B	FRP	FCF	A0805	A0805	-	-	-	15	53		
600-109B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	YES	15	12	3, 9	
600-109C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	27		
600-109D	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	5	28		
600-109E	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	5	28		
600-111A	6'-0"	7'-0"	F	FRP	FCF	B	FRP	FCF	A0805	A0805	-	-	-	5	50	5	
600-111B	6'-0"	7'-0"	F	FRP	FCF	B	FRP	FCF	A0805	A0805	-	-	-	5	51	3	
600-112A	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	29		
600-112B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3, 9, 14	
600-113A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	-	15	09	3, 9	
600-113B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0806	A0803	-	YES	15	07	5, 9	
600-114A	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	27		
600-114B	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	27		
600-114C	10'-0"	12'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56		
600-114D	10'-0"	12'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56		
600-114E	10'-0"	12'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56		
600-114F	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	-	27		
600-114G	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	YES	15	10	3, 9	
600-114H	12'-0"	14'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56	5	
600-115	3'-0"	7'-0"	A	FRP	FCF	K	FRP	FCF	A0852	A0854	-	-	-	5	23	3	
600-116	3'-0"	8'-0"	A	FRP	FCF	K1	FRP	FCF	A0852	A0854	-	-	-	5	23	3	
600-117	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	-	YES	15	12	3, 9	
600-118A	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	-	-	-	11	5, 9	
600-118B	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5	
600-118C	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5	
600-118D	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	-	YES	15	10	3, 9	
600-119A	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	29		
600-119B	8'-0"	9'-9 3/4"	D	SS	FCF	J	SS	FCF	-	-	-	90 MIN	YES	15	17	5, 9	
600-120A	8'-0"	10'-0"	F	FRP	FCF	J	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	49		
600-120B	6'-0"	7'-0"	E	FRP	FCF	B	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	49		
600-122A	6'-0"	7'-0"	E	FRP	FCF	B	FRP	FCF	A0857	A0857	-	-	-	5	53		
600-201	6'-0"	7'-0"	H	ALUM	FCF	B	ALUM	FCF	A0812	A0812	A0813	-	-	5	16	3, 9	
600-202A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	24		
600-202B	3'-0 1/4"	7'-0"	B	FRP	FCF	S16	FRP	FCF	A0803	A0803	A0809	-	YES	15	-		
600-203	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0853	A0855	-	90 MIN	YES	5	24		
600-204	8'-0"	8'-0"	J	SS	FCF	C	SS	FCF	-	-	-	90 MIN	-	-	55	1	
600-205	3'-0"	7'-0"	A	FRP	FCF	K	FRP	FCF	A0853	A0855	-	-	-	5	31		
600-206	3'-0"	7'-0"	A	FRP	FCF	K	FRP	FCF	A0853	A0855	-	-	-	5	31		
600-207	3'-0"	7'-0"	A	FRP	FCF	K	FRP	FCF	A0853	A0855	-	-	-	5	30		
600-208	3'-0"	7'-0"	C	FRP	FCF	K	FRP	FCF	A0853	A0855	-	-	-	5	32		
600-209B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3, 9	
600-209C	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3, 9	
600-209D	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3, 9	
600-209E	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0860	A0860	A0862	-	-	5	33	11	
600-209F	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0860	A0860	A0862	-	-	5	28	11	
600-209G	10'-0"	10'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	-	-	-	-	56		
600-210	3'-0"	7'-0"	G	ALUM	FCF	S31	ALUM	FCF	A0867	A0869	-	-	-	5	34	10	
600-211	3'-0 3/8"	7'-10"	G	ALUM	FCF	S34	ALUM	FCF	A0865	A0866	-	-	-	5	32		
600-212A	3'-0"	7'-0"	C	FRP	FCF	K	FRP	FCF	A0853	A0855	-	-	-	5	23	3	
600-212B	3'-0 1/2"	7'-10"	C	FRP	FCF	S32	FRP	FCF	A0860	A0860	-	-	-	15	58	8, 11	
600-213A	10'-0"	10'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	-	-	-	-	56		
600-213B	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	5	33		
600-213C	3'-0 1/2"	7'-10"	G	SS	FCF	S33	SS	FCF	A0860	A0860	-	-	-	5	58	8, 11	
600-213D	3'-0"	7'-0"	B	FRP	FCF	F	FRP	FCF	A0804	A0805	A0803	-	-	5	22	3, 9	

DOOR SCHEDULE - 600																	
DOOR NO.	DOOR						FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	DETAILS			HEAD	JAMB	SILL					
	WIDTH	HEIGHT															
600-214	6'-0"	7'-0"	F	FRP	FCF	B	FRP	FCF	A0805	A0805	-	-	-	5	47		
600-215	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	5	33		
600-216A	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	5	36		
600-216B	12'-0"	10'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	-	-	-	-	56		
600-217	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	5	33		
600-218	6'-0"	7'-0"	F	FRP	FCF	B	FRP	FCF	A0805	A0805	-	-	-	5	53		
600-220	3'-0"	7'-0"	A	FRP	FCF	K	FRP	FCF	A0852	A0855	-	-	-	5	30		
600-221	3'-0"	7'-0"	A	FRP	FCF	K	FRP	FCF	A0852	A0854	-	-	-	5	30		
600-301A	6'-0"	7'-0"	D	FRP	FCF	B	FRP	FCF	A0805	A0805	A0719	-	-	-	52	9	
600-301B	6'-0"	7'-0"	D	FRP	FCF	B	FRP	FCF	A0805	A0805	A0719	-	-	-	52		
600-302	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0719	90 MIN	YES	5	24		
600-303	3'-0"	7'-0"	B	FRP	FCF	K1	FRP	FCF	A0853	A0853	-	90 MIN	YES	5	24		
600-304	8'-0"	8'-0"	J	SS	FCF	C	SS	FCF	-	-	-	90 MIN	-	-	55	1	
600-305A	3'-0"	8'-0"	Q	FRP	FCF	K1	FRP	FCF	A0853	A0855	-	-	-	5	30		
600-305B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	5	02	9	
600-305C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	5	33	6	
600-305D	10'-0"	10'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	-	-	-	-	56		
600-402	3'-0"	7'-0"	B	HM	PTD	K	HM	PTD	A0838	A0838	-						

DOOR SCHEDULE - 610																
DOOR NO.	DOOR					FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	DETAILS							
	WIDTH	HEIGHT							HEAD	JAMB	SILL					
610-LB106	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-LB107	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	-	-	-	90 MIN	-	-	55	1
610-LB108	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-UB111	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-UB112	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	-	15	30	1
610-UB113	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	-	-	-	90 MIN	-	-	55	
610-UB114	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-FF106	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0838	A0803	-	-	YES	15	12	3,9
610-FF107	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	A0707	A0708	A0709	90 MIN	-	-	55	
610-FF108	3'-0"	7'-0"	B	FRP	FCF	A	FRP	A0838	A0838	A0803	-	90 MIN	YES	15	12	3
610-FF109	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	90 MIN	-	15	09	3,9
610-FF110	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	90 MIN	YES	15	04	9
610-FF111A	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	90 MIN	YES	15	04	9
610-FF111B	8'-0"	7'-0"	E	FRP	FCF	R	FRP	FCF	A0804	A0805	A0803	90 MIN	YES	15	14	9
610-FF112	4'-0"	7'-2"	A	FRP	FCF	A1	FRP	FCF	A0805	A0805	A0803	-	-	15	05	9
610-FF113	4'-0"	7'-2"	A	FRP	FCF	A1	FRP	FCF	A0805	A0805	A0803	-	-	15	05	9
610-TT101	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0703	A0704	-	-	YES	15	24	9
610-TT102	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	A0703	A0704	-	-	-	15	55	
610-TT103	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0703	A0704	-	-	YES	15	24	9

DOOR SCHEDULE - 921																
DOOR NO.	DOOR					FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	DETAILS							
	WIDTH	HEIGHT							HEAD	JAMB	SILL					
921-100A	8'-0"	7'-0"	E	FRP	FCF	R1	FRP	FCF	A0804	A0805	A0803	-	YES	15	21	5,9
921-100B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	02	3,9
921-101A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	03	3,9

**DOOR TYPE NOTES**

- ALL SWING DOORS 1 3/4" THICK, UNO
- SEE SPEC SECTION 08 71 00 FOR DOOR HARDWARE INFORMATION
- THRESHOLDS SHALL NOT EXCEED 1/2" RISE
- PROVIDE GLAZING TYPE GL-4 AT ALL DOOR LITES FOR EXTERIOR DOORS
- PROVIDE GLAZING TYPE GL-2 AT ALL DOOR LITES FOR NON-FIRE RATED AND NON-SOUND CONTROL INTERIOR DOORS
- PROVIDE GLAZING TYPE GL-8 AT ALL DOOR LITES FOR FIRE RATED INTERIOR DOORS
- SEE SPEC SECTION 08 34 70 FOR ALL SOUND CONTROL DOOR AND WINDOW ASSEMBLIES
- FIELD VERIFY DIMENSIONS OF ALL ROUGH OPENINGS PRIOR TO FABRICATION
- COORDINATE DIMENSIONS W/ DOOR MANUFACTURER
- SEE SHEET 000-A-75-6007 FOR LOUVER TYPES
- ALL ROOM IDENTIFICATION SIGNS TO HAVE ROOM NUMBERS. CONTENT PROVIDED BY CITY REPRESENTATIVE. SHOP DRAWINGS FOR ALL BRAILLE AND TACTILE SIGNAGE ARE TO BE VERIFIED FOR COMPLIANCE WITH 11B-703.2 AND 11B-703.3 BY LIGHTHOUSE FOR THE BLIND (OR OTHER CITY-APPROVED PROVIDER)
- SEE SPECIFICATION 10 14 00 FOR SIGNAGE TYPE INFORMATION
- SEE SHEET 000-A-75-5003 FOR DOOR AND FRAME TYPES
- THRESHOLD SHALL NOT EXCEED 1/2" VERTICAL LEVEL DIFFERENCE MEASURED FROM THE EXTERIOR LANDING TO THE HIGHEST POINT OF THE THRESHOLD.
- CLOSING SPEED ON DOORS WITH CLOSERS TO BE NO LESS THAN 5 SECONDS, WHEN MOVING FROM AN OPEN POSITION OF 90 DEGREES TO WITHIN 12 DEGREES FROM THE LATCH
- EXTERIOR GATES ARE TO BE OPERABLE USING 5 LBS MAX OPERATING FORCE
- CLOSERS ON REQUIRED FIRE DOORS ARE TO BE ADJUSTED TO THE MIN OPENING FORCE NECESSARY FOR LATCHING, BUT NO GREATER THAN 15 POUNDS
- DOORS TO LIMITED ACCESS AND MACHINERY SPACES ARE 'EXEMPT' FROM COMPLYING WITH 11B-404.
- ALL EGRESS DOORS ARE REQUIRED TO COMPLY WITH 11B-404
- ALL STOREROOM LOCKSETS ARE TO BE ACCESSIBLE, SUCH THAT THEY ARE OPERABLE IN THE FOLLOWING MANNER:
  - FIRST "UNLOCK" THE DOOR WITH A KEY
  - THE LOCKSET WOULDN'T SPRING BACK INTO THE LOCKED POSITION WHEN THE USER TOOK THEIR HAND OFF THE KEY
  - THE USER WOULD USE THE LEVER TO "UNLATCH" THE DOOR, BEFORE RETURNING THE LOCKSET TO ITS LOCKED POSITION AND REMOVING THE KEY

**DOOR COMMENTS**

- SMOKE CURTAIN
- POWER OPERATED
- ELECTRIFIED LOCKSET
- DOUBLE EGRESS
- ELECTRIFIED DOOR CONTACT
- SAFETY GATE
- NOT USED
- SOUND CONTROL DOOR AND WINDOW ASSEMBLIES
- HEAVY DUTY HINGES
- PROVIDE ACOUSTIC DOOR HARDWARE, (GASKETING, SEALING, ETC.)
- PROVIDE ACOUSTICAL SEAL AND SWEEP
- SEE FACILITY DRAWINGS FOR DETAILS
- DOUBLE ACTING
- PROVIDE SIGNS "NOT AN EXIT" AND "EXIT TO LEFT"

**FOR CONSTRUCTION**

Scope II

FOR THE SOLE USE OF THE DOCUMENT RECIPIENT - DO NOT CITE, COPY, OR CIRCULATE WITHOUT THE EXPRESSED PERMISSION OF THE SFPUC.

ELEVATION DATUM  
CITY



DOOR SCHEDULE - 615																	
DOOR NO.	DOOR					FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:	
	SIZE		TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	DETAILS								
	WIDTH	HEIGHT							HEAD	JAMB	SILL						
615-B01	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	-	-	5	24	
615-B03	6'-0"	7'-0"	E	FRP	FCF	B	FRP	FCF	A0805	A0805	-	90 MIN	-	-	15	47	
615-101A	3'-0"	7'-0"	B	FRP	FCF	E1	FRP	FCF	A0805	A0805	A0803	-	YES	-	12	3, 12	
615-102A	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	A0707	A0708	A0707	90 MIN	-	-	55		
615-102B	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	-	-	-	90 MIN	-	-	55		
615-103A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	-	-	5	24	
615-103B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	07	3	
615-104A	3'-0"	7'-0"	G	ALUM	FCF	S15	ALUM	FCF	A0807	A0808	A0809	-	YES	5	06	2, 3	
615-105	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	36		
615-106	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	31		
615-107A	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	90 MIN	YES	5	43	3	
615-107B	6'-0"	7'-0"	E	FRP	FCF	G1	FRP	FCF	A0805	A0805	A0803	-	YES	15	19	3, 12	
615-108A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	15	36		
615-108B	6'-0"	7'-0"	E	FRP	FCF	G	FRP	FCF	A0804	A0805	A0803	-	YES	15	19	3, 9	
615-109A	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	22	3	
615-109B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	YES	15	12	3, 9	
615-109C	14'-0"	14'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56	5	
615-110A	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5	
615-110B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0805	-	YES	15	12	5, 9	
615-110C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	23	3	
615-110D	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	11	5, 9	
615-110E	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5	
615-110F	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	30	11	
615-110G	6'-0"	8'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56		
615-110H	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	23	3	
615-110J	6'-0"	8'-0"	M	STL	PTD	-	STL	PTD	A0806	A0806	A0806	-	-	-	56		
615-110K	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	02		
615-111A	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5	
615-111B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	08	3, 5, 9	
615-111C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	30		
615-111D	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	30	11	
615-111E	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5	
615-111F	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	07	5, 9, 11	
615-111G	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3	
615-111H	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	02		
615-112	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	YES	15	12	3, 9	
615-113A	3'-0"	7'-0"	C	FRP	FCF	K	FRP	FCF	A0852	A0854	-	-	-	15	22	3	
615-113B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3, 9	
615-113C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0860	A0860	A0862	-	-	15	38	8	
615-114	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0857	A0857	-	-	-	5	30		
615-201	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0857	A0857	-	90 MIN	YES	5	24		
615-202	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	-	-	-	90 MIN	-	-	55		
615-203	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	24		
615-204	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0858	A0858	-	90 MIN	-	-	15	36	
615-205	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	42	3	
615-301	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0857	A0857	-	90 MIN	YES	5	24		
615-302	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	-	-	-	90 MIN	-	-	55		
615-303	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	24		
615-304	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0856	A0856	-	-	-	5	31		
615-305	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	23	3	
615-306	6'-0"	8'-0"	D	FRP	FCF	B1	FRP	FCF	A0807	A0807	-	-	-	5	51	3	
615-307A	3'-0"	8'-0"	C	FRP	FCF	A2	FRP	FCF	A0856	A0856	-	-	-	5	37		
615-308	6'-0"	8'-0"	D	FRP	FCF	B1	FRP	FCF	A0807	A0807	-	-	-	5	47		
615-309	6'-0"	8'-0"	F	FRP	FCF	B1	FRP	FCF	A0805	A0805	-	-	-	5	52		
615-312	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0852	A0854	-	-	-	5	57	13	
615-R01	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0838	A0838	A0803	-	-	15	03	9	

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

DOOR SCHEDULE - 610																
DOOR NO.	DOOR					FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	DETAILS							
	WIDTH	HEIGHT							HEAD	JAMB	SILL					
610-LB106	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-LB107	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	-	-	-	90 MIN	-	-	55	1
610-LB108	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-UB111	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-UB112	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	-	15	30	1
610-UB113	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	-	-	-	90 MIN	-	-	55	1
610-UB114	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	15	24	
610-FF106	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0838	A0803	-	-	YES	15	12	3,9
610-FF107	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	A0707	A0708	A0709	90 MIN	-	-	55	
610-FF108	3'-0"	7'-0"	B	FRP	FCF	A	FRP	A0838	A0838	A0803	-	90 MIN	YES	15	12	3
610-FF109	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	90 MIN	-	15	09	3,9
610-FF110	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	90 MIN	YES	15	04	9
610-FF111A	3'-0"	7'-0"	B	FRP	FCF	E	FRP	FCF	A0804	A0805	A0803	90 MIN	YES	15	04	9
610-FF111B	8'-0"	7'-0"	E	FRP	FCF	R	FRP	FCF	A0804	A0805	A0803	90 MIN	YES	15	14	9
610-FF112	4'-0"	7'-2"	A	FRP	FCF	A1	FRP	FCF	A0805	A0805	A0803	-	-	15	05	9
610-FF113	4'-0"	7'-2"	A	FRP	FCF	A1	FRP	FCF	A0805	A0805	A0803	-	-	15	05	9
610-TT101	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0703	A0704	-	-	YES	15	24	9
610-TT102	4'-0"	7'-0"	K	SS	FCF	D1	SS	FCF	A0703	A0704	-	-	-	15	55	
610-TT103	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0703	A0704	-	-	YES	15	24	9

DOOR SCHEDULE - 921																
DOOR NO.	DOOR					FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	DETAILS							
	WIDTH	HEIGHT							HEAD	JAMB	SILL					
921-100A	8'-0"	7'-0"	E	FRP	FCF	R1	FRP	FCF	A0804	A0805	A0803	-	YES	15	21	5,9
921-100B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	02	3,9
921-101A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	03	3,9

**DOOR TYPE NOTES**

- ALL SWING DOORS 1 3/4" THICK, UNO
- SEE SPEC SECTION 08 71 00 FOR DOOR HARDWARE INFORMATION
- THRESHOLDS SHALL NOT EXCEED 1/2" RISE
- PROVIDE GLAZING TYPE GL-4 AT ALL DOOR LITES FOR EXTERIOR DOORS
- PROVIDE GLAZING TYPE GL-2 AT ALL DOOR LITES FOR NON-FIRE RATED AND NON-SOUND CONTROL INTERIOR DOORS
- PROVIDE GLAZING TYPE GL-8 AT ALL DOOR LITES FOR FIRE RATED INTERIOR DOORS
- SEE SPEC SECTION 08 34 70 FOR ALL SOUND CONTROL DOOR AND WINDOW ASSEMBLIES
- FIELD VERIFY DIMENSIONS OF ALL ROUGH OPENINGS PRIOR TO FABRICATION
- COORDINATE DIMENSIONS W/ DOOR MANUFACTURER
- SEE SHEET 000-A-75-6007 FOR LOUVER TYPES
- ALL ROOM IDENTIFICATION SIGNS TO HAVE ROOM NUMBERS. CONTENT PROVIDED BY CITY REPRESENTATIVE. SHOP DRAWINGS FOR ALL BRAILLE AND TACTILE SIGNAGE ARE TO BE VERIFIED FOR COMPLIANCE WITH 11B-703.2 AND 11B-703.3 BY LIGHTHOUSE FOR THE BLIND (OR OTHER CITY-APPROVED PROVIDER)
- SEE SPECIFICATION 10 14 00 FOR SIGNAGE TYPE INFORMATION
- SEE SHEET 000-A-75-5003 FOR DOOR AND FRAME TYPES
- THRESHOLD SHALL NOT EXCEED 1/2" VERTICAL LEVEL DIFFERENCE MEASURED FROM THE EXTERIOR LANDING TO THE HIGHEST POINT OF THE THRESHOLD.
- CLOSING SPEED ON DOORS WITH CLOSERS TO BE NO LESS THAN 5 SECONDS, WHEN MOVING FROM AN OPEN POSITION OF 90 DEGREES TO WITHIN 12 DEGREES FROM THE LATCH
- EXTERIOR GATES ARE TO BE OPERABLE USING 5 LBS MAX OPERATING FORCE
- CLOSERS ON REQUIRED FIRE DOORS ARE TO BE ADJUSTED TO THE MIN OPENING FORCE NECESSARY FOR LATCHING, BUT NO GREATER THAN 15 POUNDS
- DOORS TO LIMITED ACCESS AND MACHINERY SPACES ARE 'EXEMPT' FROM COMPLYING WITH 11B-404. ALL EGRESS DOORS ARE REQUIRED TO COMPLY WITH 11B-404

**DOOR COMMENTS**

- SMOKE CURTAIN
- POWER OPERATED
- ELECTRIFIED LOCKSET
- DOUBLE EGRESS
- ELECTRIFIED DOOR CONTACT
- SAFETY GATE
- NOT USED
- SOUND CONTROL DOOR AND WINDOW ASSEMBLIES
- HEAVY DUTY HINGES
- PROVIDE ACOUSTIC DOOR HARDWARE, (GASKETING, SEALING, ETC.)
- PROVIDE ACOUSTICAL SEAL AND SWEEP
- SEE FACILITY DRAWINGS FOR DETAILS
- DOUBLE ACTING
- PROVIDE SIGNS "NOT AN EXIT" AND "EXIT TO LEFT"



**FOR CONSTRUCTION**  
Scope II

FOR THE SOLE USE OF THE DOCUMENT  
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ELEVATION  
DATUM  
CITY



DOOR SCHEDULE - 615																
DOOR NO.	DOOR					FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	DETAILS							
	WIDTH	HEIGHT							HEAD	JAMB	SILL					
615-B01	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	-	-	5	24
615-B03	6'-0"	7'-0"	E	FRP	FCF	B	FRP	FCF	A0805	A0805	-	90 MIN	-	-	15	47
615-101A	3'-0"	7'-0"	B	FRP	FCF	E1	FRP	FCF	A0805	A0805	A0803	-	YES	-	12	3, 12
615-102A	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	A0707	A0708	A0707	90 MIN	-	-	55	
615-102B	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	-	-	-	90 MIN	-	-	55	
615-103A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	-	-	5	24
615-103B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	07	3
615-104A	3'-0"	7'-0"	G	ALUM	FCF	S15	ALUM	FCF	A0807	A0808	A0809	-	YES	5	06	2, 3
615-105	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	36	
615-106	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	31	
615-107A	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	90 MIN	YES	5	43	3
615-107B	6'-0"	7'-0"	E	FRP	FCF	G1	FRP	FCF	A0805	A0805	A0803	-	YES	15	19	3, 12
615-108A	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	15	36	
615-108B	6'-0"	7'-0"	E	FRP	FCF	G	FRP	FCF	A0804	A0805	A0803	-	YES	15	19	3, 9
615-109A	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	22	3
615-109B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	YES	15	12	3, 9
615-109C	14'-0"	14'-0"	M	SS	PTD	-	SS	PTD	A0806	A0806	A0806	-	-	-	56	5
615-110A	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5
615-110B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0805	-	YES	15	12	5, 9
615-110C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	23	3
615-110D	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	11	5, 9
615-110E	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5
615-110F	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	30	11
615-110G	6'-0"	8'-0"	M	SS	FCF	-	SS	FCF	A0806	A0806	A0806	-	-	-	56	
615-110H	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	23	3
615-110J	6'-0"	8'-0"	M	SS	FCF	-	SS	FCF	A0806	A0806	A0806	-	-	-	56	
615-110K	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	02	
615-111A	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5
615-111B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	08	3, 5, 9
615-111C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	30	
615-111D	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	30	11
615-111E	12'-0"	14'-0"	L	FA	FCF	-	SS	FCF	-	-	-	-	-	-	56	5
615-111F	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	YES	15	07	5, 9, 11
615-111G	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3
615-111H	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0805	A0805	-	-	-	15	02	
615-112	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0801	A0805	A0803	-	YES	15	12	3, 9
615-113A	3'-0"	7'-0"	C	FRP	FCF	K	FRP	FCF	A0852	A0854	-	-	-	15	22	3
615-113B	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	A0803	-	-	15	09	3, 9
615-113C	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0860	A0860	A0862	-	-	15	38	8
615-114	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0857	A0857	-	-	-	5	30	
615-201	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0857	A0857	-	90 MIN	YES	5	24	
615-202	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	-	-	-	90 MIN	-	-	55	
615-203	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	24	
615-204	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0858	A0858	-	90 MIN	-	15	36	
615-205	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	42	3
615-301	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0857	A0857	-	90 MIN	YES	5	24	
615-302	4'-0"	8'-0"	K	SS	FCF	D	SS	FCF	-	-	-	90 MIN	-	-	55	
615-303	3'-0"	7'-0"	B	FRP	FCF	A	FRP	FCF	A0805	A0805	-	90 MIN	YES	5	24	
615-304	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0856	A0856	-	-	-	5	31	
615-305	3'-0"	7'-0"	A	FRP	FCF	A	FRP	FCF	A0807	A0807	-	-	-	5	23	3
615-306	6'-0"	8'-0"	D	FRP	FCF	B1	FRP	FCF	A0807	A0807	-	-	-	5	51	3
615-307A	3'-0"	8'-0"	C	FRP	FCF	A2	FRP	FCF	A0856	A0856	-	-	-	5	37	
615-308	6'-0"	8'-0"	D	FRP	FCF	B1	FRP	FCF	A0807	A0807	-	-	-	5	47	
615-309	6'-0"	8'-0"	F	FRP	FCF	B1	FRP	FCF	A0805	A0805	-	-	-	5	52	
615-312	3'-0"	7'-0"	C	FRP	FCF	A	FRP	FCF	A0852	A0854	-	-	-	5	57	13
615-R01	3'-0"	7'-0"	B	FRP	FCF	K	FRP	FCF	A0838	A0838	A0803	-	-	15	03	9

**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

GENERAL SITEWIDE  
**DOOR SCHEDULE**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWW O&M MANAGER	SCALE AS SHOWN
DATE	Oct 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWW ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.

**DOOR SCHEDULE - 607**

DOOR NO.	DOOR					FRAME						FIRE RATING	PANIC HARDWARE	MAX OPENING FORCE	HARDWARE	COMMENTS:
	SIZE		TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	DETAILS							
	WIDTH	HEIGHT							HEAD	JAMB	SILL					
607-100A	6' - 0"	7' - 0"	E	FRP	FCF	T	FRP	FCF	A0804	A0805	A0803	-	YES	-	21	5, 9
607-100B	3' - 0"	7' - 0"	B	FRP	FCF	A	FRP	FCF	A0804	A0805	A0803	-	YES	-	02	3, 9

**DOOR TYPE NOTES**

- ALL SWING DOORS 1 3/4" THICK. UNO
- SEE SPEC SECTION 08 71 00 FOR DOOR HARDWARE INFORMATION
- THRESHOLDS SHALL NOT EXCEED 1/2" RISE
- PROVIDE GLAZING TYPE GL-4 AT ALL DOOR LITES FOR EXTERIOR DOORS
- PROVIDE GLAZING TYPE GL-2 AT ALL DOOR LITES FOR NON-FIRE RATED AND NON-SOUND CONTROL INTERIOR DOORS
- PROVIDE GLAZING TYPE GL-8 AT ALL DOOR LITES FOR FIRE RATED INTERIOR DOORS
- SEE SPEC SECTION 08 34 70 FOR ALL SOUND CONTROL DOOR AND WINDOW ASSEMBLIES
- FIELD VERIFY DIMENSIONS OF ALL ROUGH OPENINGS PRIOR TO FABRICATION
- COORDINATE DIMENSIONS W/ DOOR MANUFACTURER
- SEE SHEET 000-A-75-6007 FOR LOUVER TYPES
- ALL ROOM IDENTIFICATION SIGNS TO HAVE ROOM NUMBERS. CONTENT PROVIDED BY CITY REPRESENTATIVE. SHOP DRAWINGS FOR ALL BRAILLE AND TACTILE SIGNAGE ARE TO BE VERIFIED FOR COMPLIANCE WITH 11B-703.2 AND 11B-703.3 BY LIGHTHOUSE FOR THE BLIND (OR OTHER CITY-APPROVED PROVIDER)
- SEE SPECIFICATION 10 14 00 FOR SIGNAGE TYPE INFORMATION
- SEE SHEET 000-A-75-5003 FOR DOOR AND FRAME TYPES
- THRESHOLD SHALL NOT EXCEED 1/2" VERTICAL LEVEL DIFFERENCE MEASURED FROM THE EXTERIOR LANDING TO THE HIGHEST POINT OF THE THRESHOLD.
- CLOSING SPEED ON DOORS WITH CLOSERS TO BE NO LESS THAN 5 SECONDS, WHEN MOVING FROM AN OPEN POSITION OF 90 DEGREES TO WITHIN 12 DEGREES FROM THE LATCH
- EXTERIOR GATES ARE TO BE OPERABLE USING 5 LBS MAX OPERATING FORCE
- CLOSERS ON REQUIRED FIRE DOORS ARE TO BE ADJUSTED TO THE MIN OPENING FORCE NECESSARY FOR LATCHING, BUT NO GREATER THAN 15 POUNDS
- DOORS TO LIMITED ACCESS AND MACHINERY SPACES ARE 'EXEMPT' FROM COMPLYING WITH 11B-404. ALL EGRESS DOORS ARE REQUIRED TO COMPLY WITH 11B-404
- ALL STOREROOM LOCKSETS ARE TO BE ACCESSIBLE, SUCH THAT THEY ARE OPERABLE IN THE FOLLOWING MANER:
  - FIRST "UNLOCK" THE DOOR WITH A KEY
  - THE LOCKSET WOULDN'T SPRING BACK INTO THE LOCKED POSITION WHEN THE USER TOOK THEIR HAND OFF THE KEY
  - THE USER WOULD USE THE LEVER TO "UNLATCH" THE DOOR, BEFORE RETURNING THE LOCKSET TO ITS LOCKED POSITION AND REMOVING THE KEY

**DOOR COMMENTS**

- SMOKE CURTAIN
- POWER OPERATED
- ELECTRIFIED LOCKSET
- DOUBLE EGRESS
- ELECTRIFIED DOOR CONTACT
- SAFETY GATE
- NOT USED
- SOUND CONTROL DOOR AND WINDOW ASSEMBLIES
- HEAVY DUTY HINGES
- PROVIDE ACOUSTIC DOOR HARDWARE, (GASKETING, SEALING, ETC.)
- PROVIDE ACOUSTICAL SEAL AND SWEEP
- SEE FACILITY DRAWINGS FOR DETAILS
- DOUBLE ACTING
- PROVIDE SIGNS "NOT AN EXIT" AND "EXIT TO LEFT"



**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITIEWIDE  
**DOOR SCHEDULE**

BIOSOLIDS DIGESTER FACILITIES PROJECT  
 CONSULTANT TEAM

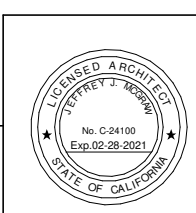


PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN DATE Dec 30, 2020
APPROVED	APPROVED

NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				

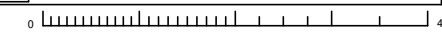
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-A-75-6006</b>	
REVISION	



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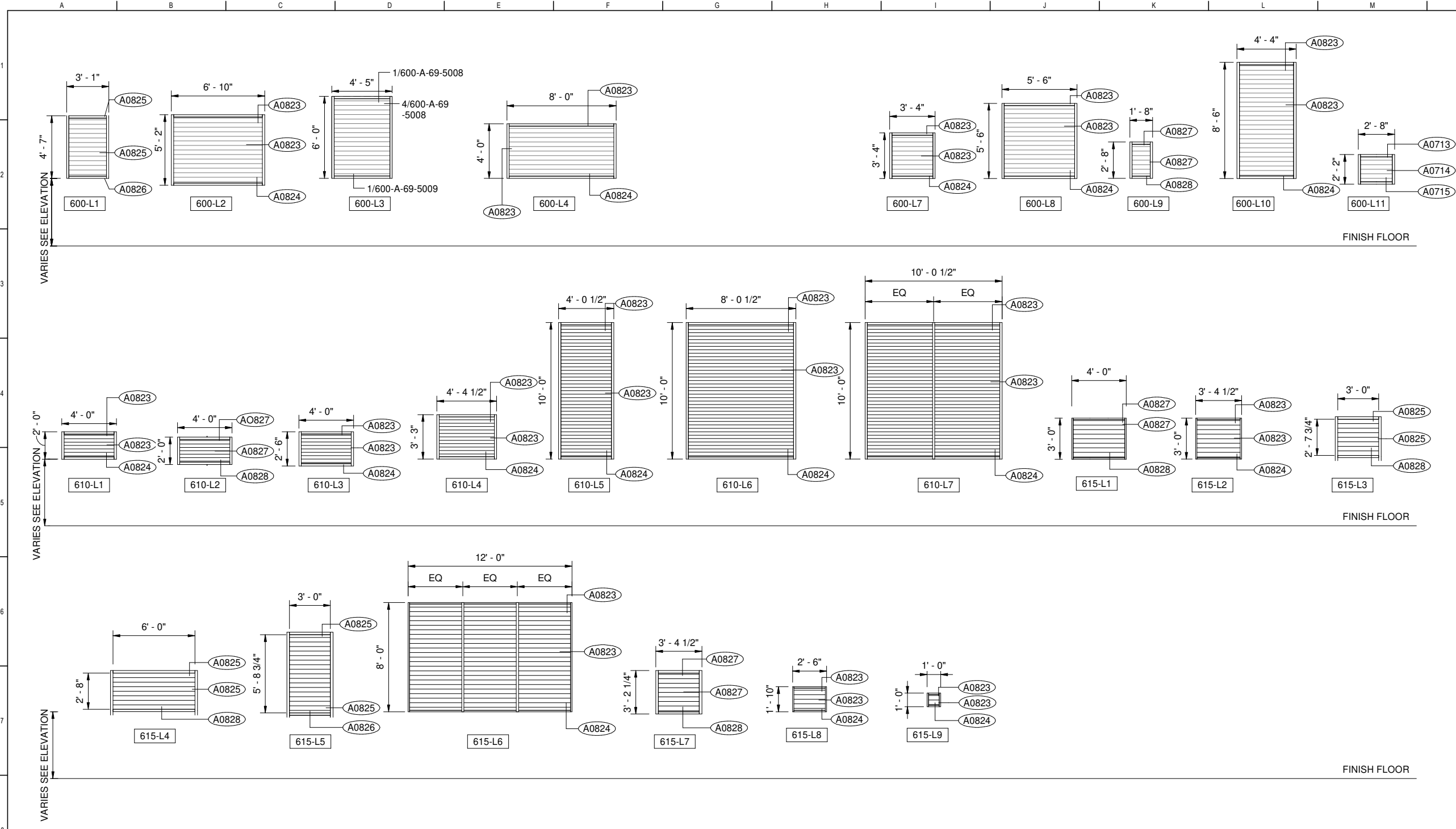
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**GENERAL SHEET NOTES**

1. ALL DIMENSIONS ARE TO CENTERLINE OF MULLION OR EDGE OF ROUGH OPENING. UNO
2. FIELD VERIFY ALL ROUGH OPENING DIMENSIONS
3. LOUVERS TO BE ALUMINUM, PAINTED TO MATCH EXTERIOR DOOR FRAMES



FINISH FLOOR

FINISH FLOOR

FINISH FLOOR

**CONTRACT NO. WW-647R**

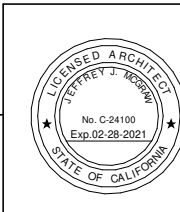
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

GENERAL SITEWIDE  
**LOUVER SCHEDULE**

BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY
NO.	DATE	DESCRIPTION	BY
		REVISIONS	APPROD

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Dec 30, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-A-75-6007</b>	REVISION



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**FACILITY 600 SPT**  
**FURNITURE AND EQUIPMENT**  
 ALL FURNITURE AND EQUIPMENT SHOWN ARE FOR REFERENCE ONLY

OPERATION SHOP (600-107):			
DI WATER MAKER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DISPLAY SCREEN	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
BUSINESS IT COMPUTER & DESKTOP SCREEN	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
STORAGE CABINET FOR FLAMMABLE SUBSTANCES	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DRAWING TABLE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TASK CHAIR	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
WORKSTATION	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DI WATER MAKER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
FIRST AID KIT	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TOOL CART	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CENTRIFUGE MAINTENANCE (600-108):			
BEAD BLASTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
BENCHTOP GRINDER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DRILL PRESS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
HYDRAULIC PRESS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PARTS WASHER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PLASMA CUTTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PORTABLE FUME EXTRACTOR	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TIG WELDER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
VERTICAL BANDSAW	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
METAL BENDING MACHINE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
GRINDER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TOOL CART	X	7	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
STORAGE CABINET FOR FLAMMABLE SUBSTANCES	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DRAWING TABLE WITH STORAGE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
STOOLS	X	6	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
FIRST AID KIT BY SINK	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TOOLS ROOM / PARTS STORAGE (600-111):			
TOOL CARTS	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SAMPLE RECEIVING POINT:			
UNDERCOUNTER SAMPLE REFRIGERATOR	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SAMPLE TESTING (600-208):			
MICROWAVE ANALYZER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SAMPLE REFRIGERATOR	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DI WATER MAKER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
WATER BATH	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
STOOL	X	5	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PROCESS TESTING (600-218):			
SAMPLE REFRIGERATOR	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
MICROSCOPE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CAMERA FOR MICROSCOPE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
AUTOCLAVE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
FURNACE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
COD ANALYZER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TURBIDITY ANALYZERS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TEST TUBE HOLDERS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TOOL CART	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
BOOKCASE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PEG BOARD	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
LATERAL FILE CABINET	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
WORKSTATION (DESK)	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CENTRIFUGE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
COMPUTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TASK CHAIR	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DI WATER DISPENSER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
WATER BATH	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
FIRST AID KIT	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
OPERATIONS ROOM (600-211):			
TABLE 4' X 8'	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CHAIR	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TASK CHAR	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
WHITE BOARD	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PRINTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SECURITY TERMINAL/SCREEN	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
IT/DATA BUSINESS COMPUTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DISPLAY SCREEN	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC

**FACILITY 615 BSD**  
**FURNITURE AND EQUIPMENT**  
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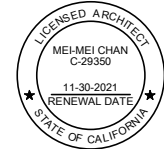
LOBBY (600-401):			
DISPLAY SCREEN	X	8	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DCS CONTROL ROOM (600-410):			
WORKSTATION	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
IT/DATA BUSINESS COMPUTER	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
LATERAL FILE 18"X 42"	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TASK CHAIR	X	4	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SMALL CONFERENCE (600-418):			
CONFERENCE TABLE 3'-6" X 6'	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CONFERENCE CHAIR	X	6	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
IT/DATA BUSINESS COMPUTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DISPLAY SCREEN	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
MEETING ROOM (600-417):			
CONFERENCE TABLE 3'-6" X 7'-6"	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CONFERENCE CHAIR	X	8	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
IT/DATA BUSINESS COMPUTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DISPLAY SCREEN	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
BREAKROOM (600-413):			
MICROWAVE	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
REFRIGERATOR	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
HOT / COLD WATER DISPENSER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
3 STREAM WASTE RECEPTACLE	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TACKBOARD	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
ROUND TABLE 36" DIA	X	3	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CHAIR	X	12	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CHIEF'S OFFICE (600-422):			
LATERAL FILE 18"X 42"	X	12	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SUPPLY STORAGE CABINET	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
WORKSTATION	X	8	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
IT/DATA BUSINESS COMPUTER	X	8	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TASK CHAIR	X	8	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
BUSINESS IT PRINTER	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
MAIN CONTROL ROOM (600-411):			
IT/DATA BUSINESS COMPUTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
OPERATION CONSOLE	FOR 6		NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TASK CHAIR	X	6	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SECURITY COMPUTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DISPLAY SCREEN	X	6	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
MEETING ROOM (600-412):			
CONFERENCE TABLE 5' X 5'	X	3	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CONFERENCE CHAIR	X	16	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
IT/DATA BUSINESS COMPUTER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DISPLAY SCREEN	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
RECESSED PROJECTOR SCREEN	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PROJECTOR (PORTABLE)	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC

MAINTENANCE AREA (615-309):			
FIRST AID KITS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
HYDRAULIC PRESS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
BENCHTOP GRINDER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
PARTS WASHER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
STEAM CLEANER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TOOL CARTS	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
STORAGE CABINET FOR FLAMMABLE ITEMS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
SAMPLE TESTING (615-305):			
UNDERCOUNTER SAMPLE REFRIGERATOR	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
MICROWAVE ANALYZER	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
DRAIN RACK / PEG BOARD	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
FIRST AID KITS	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
OPERATION ROOM (615-307):			
SECURITY COMPUTER			
WITH ONE SCREEN	X	1	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
IT/BUSINESS WORKSTATION WITH TWO SCREENS	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
TASK CHAIR	X	2	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC
CONSOLE (DESK)	X	3	NOT IN BDFP CONTRACT, FURNISHED AND INSTALLED BY SFPUC

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BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	H. CHIU
PROJECT MANAGER	T. STIGERS	DESIGNED	L. WANG
APPROVED	M. CHAN	CHECKED	L. WANG
NO.	DATE	DESCRIPTION	BY
REVISIONS			

<b>CONTRACT NO. WW-647R</b>		
CITY AND COUNTY OF SAN FRANCISCO		
<b>PUBLIC UTILITIES COMMISSION</b>		
INFRASTRUCTURE DIVISION		
ENGINEERING MANAGEMENT BUREAU		
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b>		
<b>BIOSOLIDS DIGESTER FACILITIES PROJECT</b>		
GENERAL SITEWIDE		
<b>FURNITURE AND LOOSE EQUIPMENT SCHEDULE</b>		
CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWW O&M MANAGER	SCALE	DATE
	AS SHOWN	Oct 1, 2020
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWW ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION
	<b>000-A-75-6008</b>	

EXTERIOR FINISH SCHEDULE			
MATERIAL	TYPE	COLOR	NOTES
ALUMINUM PIN LETTERS, ALUMINUM FRAMED STOREFRONT, CURTAIN WALL, FIN ASSEMBLY, LOUVER, CANOPY, HANGER DOOR, STANDING SEAM METAL ROOFING	AL-1	ONYX BLACK, CUSTOM COLOR MATCH	
ALUMINUM STOREFRONT, STANDING SEAM METAL ROOFING	AL-2	GLACIER GRAY, CUSTOM COLOR MATCH	
ALUMINUM PIN LETTERS, TERRACOTTA SUNSCREEN SUPPORTS AND EDGE TRIM, WIRE ROPE RAILING	AL-3	SILVER	
STANDING SEAM METAL ROOFING	AL-4	BONE WHITE	
EXPOSED FASTENER METAL PANEL	AL-5	GRAY, CUSTOM COLOR MATCH	
FIBER CEMENT PANEL	FC-1	GRAY (EQUITONE)	2, 5
FIBERGLASS DOOR AND FRAME	FR-1	ONYX BLACK, CUSTOM COLOR MATCH	
STANDING SEAM METAL ROOFING	MP-3	ONYX BLACK	
PAINT STRIPE	PS-1		
RAPID COILING DOORS	RC-1		
STAINLESS STEEL CONCEALED FASTENER METAL PANEL	SS-1		2
STAINLESS STEEL CONCEALED FASTENER METAL PANEL	SS-2		2
STAINLESS STEEL CONCEALED FASTENER METAL PANEL	SS-3		2
STAINLESS STEEL CONCEALED FASTENER METAL PANEL	SS-4		2
STAINLESS STEEL EXPOSED FASTENER METAL PANEL	SS-5		2
STAINLESS STEEL COILING DOORS, ELEVATOR DOOR AND FRAME	SS-6	SILVER	
EXPOSED STEEL	STL-1	ONYX BLACK, CUSTOM COLOR MATCH	4
EXPOSED STEEL	STL-2	GLACIER GRAY, CUSTOM COLOR MATCH	4
EXPOSED STEEL	STL-3	COLOR TO BE SELECTED BY CITY REPRESENTATIVE	
TERRACOTTA PANEL AND SUNSCREEN	TC-1	VARIEGATED PATTERN, CUSTOM COLOR APPERTURES 8,9, AND 10	
ZINC COMPOSITE PANEL, CONCEALED FASTENER WALL AND SOFFIT	ZN-1	ONYX BLACK (IMETCO)	
ZINC COMPOSITE PANEL, CONCEALED FASTENER WALL AND SOFFIT	ZN-2	GLACIER GRAY (IMETCO)	

**EXTERIOR FINISH MATERIAL NOTES**

1. SEE SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION
2. PAINT ALL SUBFRAMING MATTE BLACK
3. SHEET METAL FLASHING TO BE PREFINISHED OR PAINTED TO MATCH ADJACENT SURFACE
4. COLOR FOR MATERIALS NOT LISTED TBD BY CITY REPRESENTATIVE
5. COORDINATE ELECTRICAL OUTLET AND FIXTURE LOCATIONS WITH FIBER CEMENT PANEL FASTENERS AND SUB-FRAMING
6. CONCRETE FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT



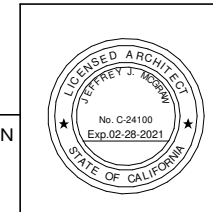
**CONTRACT NO. WW-647R**  
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**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**  
 GENERAL SITEWIDE  
**EXTERIOR FINISH SCHEDULE**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Jan 22, 2021
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>000-A-75-6009</b>	<b>1</b>

BIOSOLIDS DIGESTER FACILITIES PROJECT  
 CONSULTANT TEAM

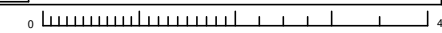
PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	A. HARM
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY

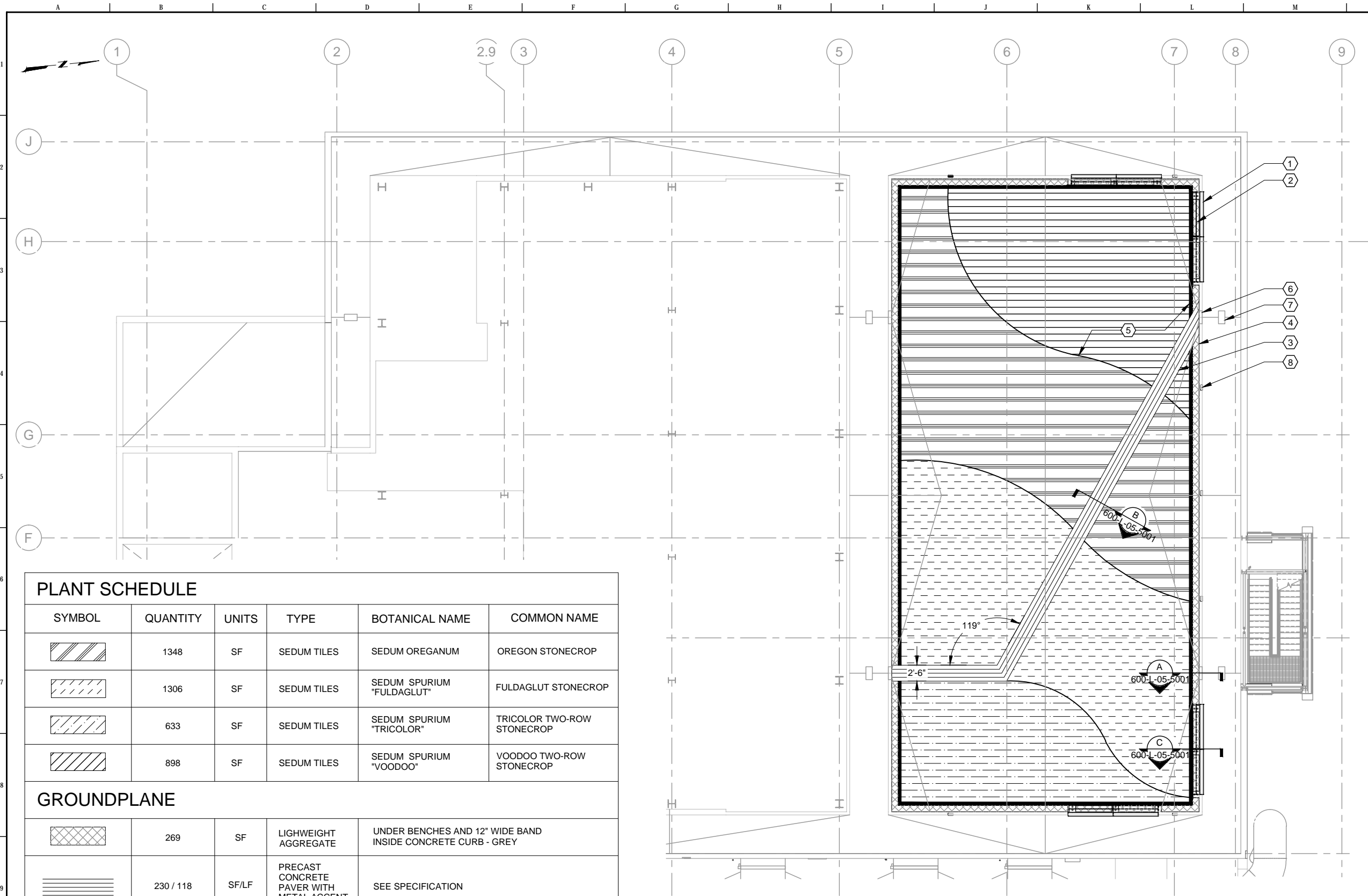


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**GENERAL SHEET NOTES**

1. SEDUM SPECIES TO BE PREGROWN IN CARPET TILES PLACED WITH ATTACHED SOIL. GROWN MIN. 3 MONTH PRIOR TO PLANTING.

**SHEET KEY NOTES**

- 1 14' LONG BENCH WITH HALF BACK (TYP.)
- 2 LIGHTWEIGHT STONE AND SS EDGE UNDER BENCH
- 3 DECORATIVE PAVER IN PEDESTAL-TRAY SYSTEM
- 4 CONCRETE CURB - SEE STRUCTURAL DETAIL
- 5 METAL EDGING
- 6 CURB DRAINAGE BLOCKOUT ALIGN WITH ROOF DRAINS (TYP.)
- 7 DRAIN BY OTHERS
- 8 CURB MOUNTED BOLLARD LIGHT (TYP.)

**PLANT SCHEDULE**

SYMBOL	QUANTITY	UNITS	TYPE	BOTANICAL NAME	COMMON NAME
	1348	SF	SEDUM TILES	SEDUM OREGANUM	OREGON STONECROP
	1306	SF	SEDUM TILES	SEDUM SPURIUM "FULDAGLUT"	FULDAGLUT STONECROP
	633	SF	SEDUM TILES	SEDUM SPURIUM "TRICOLOR"	TRICOLOR TWO-ROW STONECROP
	898	SF	SEDUM TILES	SEDUM SPURIUM "VOODOO"	VOODOO TWO-ROW STONECROP

**GROUNDPLANE**

	269	SF	LIGHTWEIGHT AGGREGATE	UNDER BENCHES AND 12" WIDE BAND INSIDE CONCRETE CURB - GREY
	230 / 118	SF/LF	PRECAST CONCRETE PAVER WITH METAL ACCENT BAND	SEE SPECIFICATION
	724	LF	METAL EDGING	0.1" X 6" X 6" L SHAPE
	4	EA	WOOD/STEEL FRAME BENCH WITH HALF BACK	SEE STRUCTURAL FOR LOCATIONS
	7	EA	BOLLARD LIGHT	MOUNTED ON PERIMETER CURB

PLAN  
1/8"=1'-0"

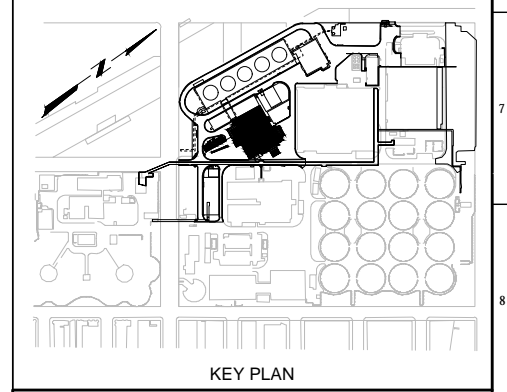
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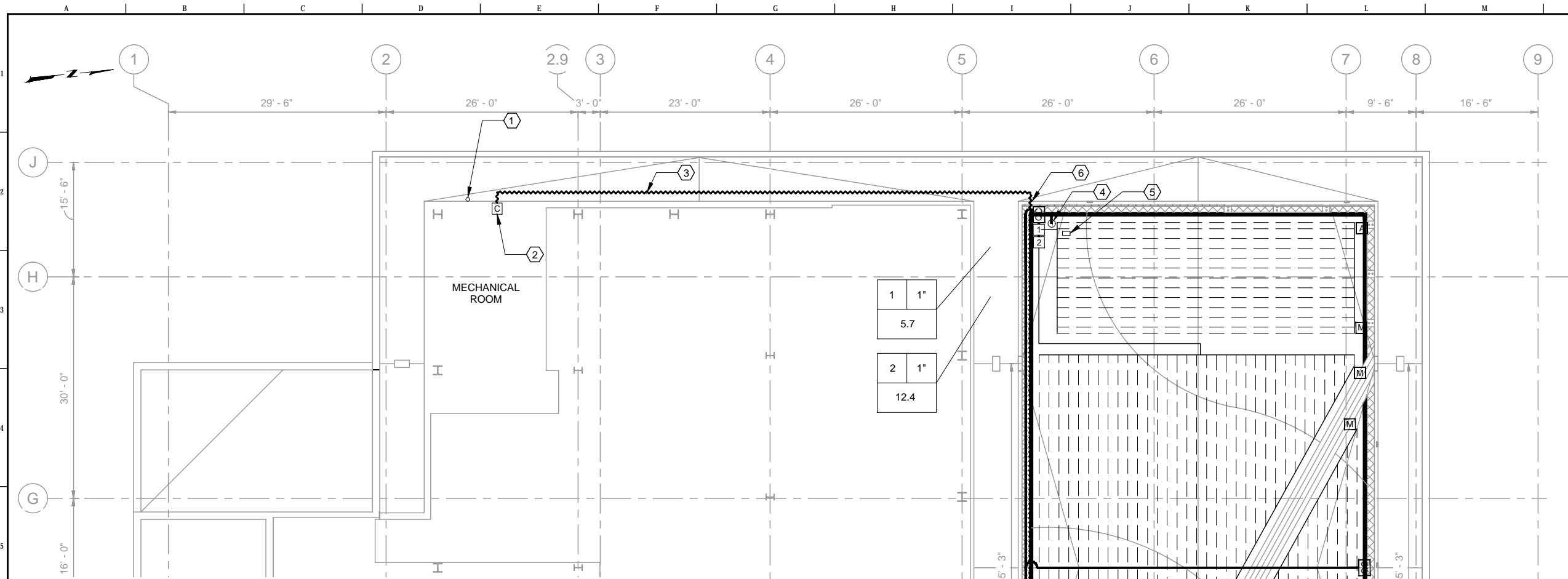
ELEVATION DATUM  
CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
Brown and Caldwell		ch2m	
PROJECT ENGINEER	D. GREEN	DRAWN	R. VILORIA
PROJECT MANAGER	T. STIGERS	DESIGNED	L. CYRA-KORSGAARD
APPROVED	L. CYRA-KORSGAARD	CHECKED	S. BARBER
NO.	DATE	DESCRIPTION	BY
REVISIONS			



<b>CONTRACT NO. WW-647R</b>			
CITY AND COUNTY OF SAN FRANCISCO <b>PUBLIC UTILITIES COMMISSION</b> INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU			
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b> BIOSOLIDS DIGESTER FACILITIES PROJECT			
600 - SOLIDS PRETREATMENT			
<b>GREEN ROOF PLANTING PLAN</b>			
CHECKED / APPROVED	DRAWN		
SECTION MANAGER	DESIGNED		
WWE O&M MANAGER	SCALE	DATE	
	AS SHOWN	Oct 1, 2020	
APPROVED	APPROVED		
MANAGER, ENGINEERING MANAGEMENT BUREAU		WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION NO.	
600-L-05-4001			



**GENERAL SHEET NOTES**

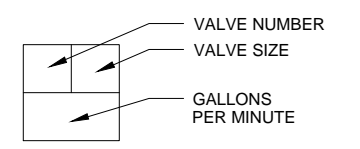
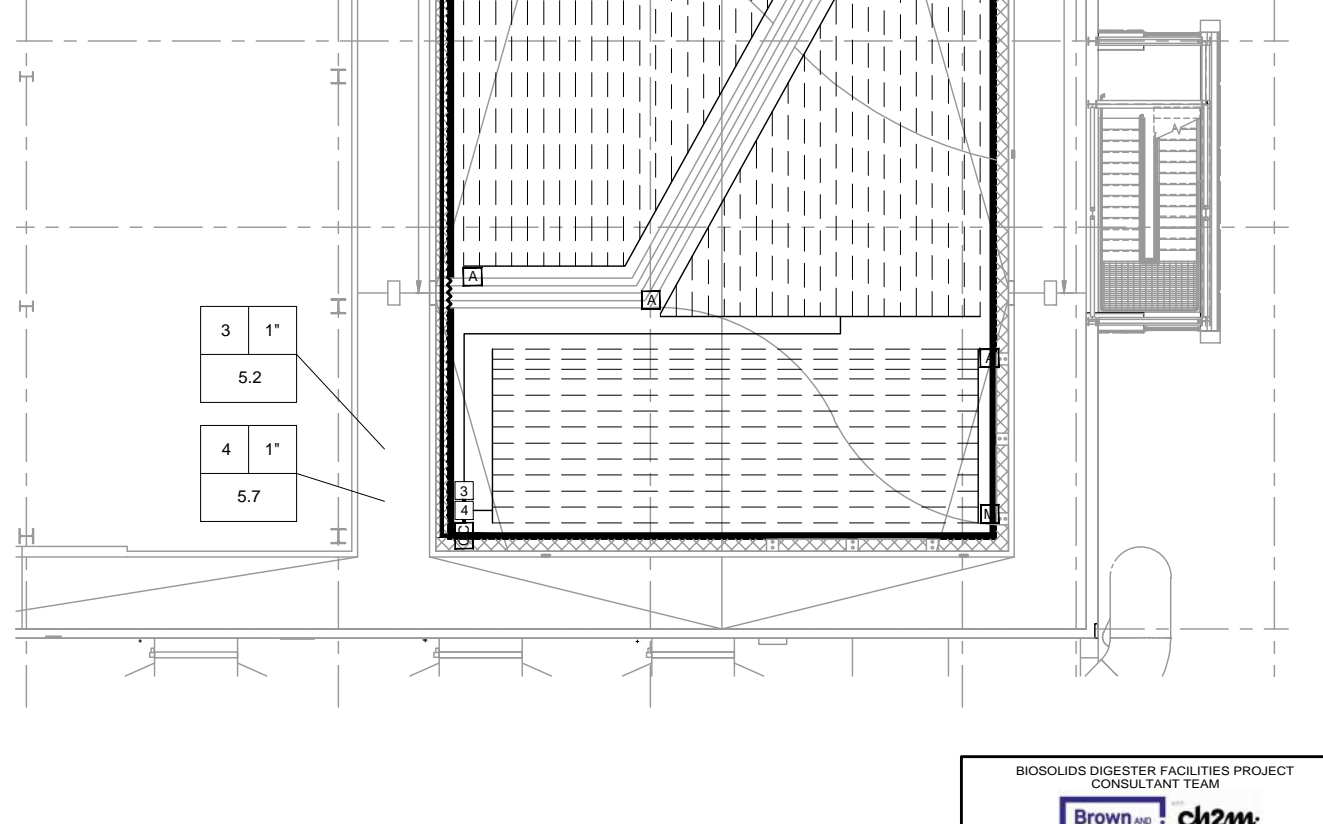
1. SEE 600-P-50-1002 FOR WATER CONNECTION AND VACUUM BREAKER.
2. SEE 600-E-50-1101 FOR POWER TO CONTROLLER.
3. SEE STRUCTURAL AND ARCHITECTURAL FOR CURB.
4. SEE 600-L-05-4001 FOR LOCATION OF BENCHES AND LIGHTS ON CURB.
5. IRRIGATION LAYOUT SHOWN SCHEMATICALLY FOR CLARITY.

**SHEET KEY NOTES**

- 1 WEATHER STATION
- 2 CONTROLLER, MOISTURE MODULE, WEATHER STATION MODULE
- 3 CONTROL AND MOISTURE WIRES
- 4 POINT OF CONNECTION
- 5 SOIL MOISTURE SENSOR
- 6 SLEEVE FOR CONTROL WIRE THROUGH CURB

**IRRIGATION SCHEDULE**

QUANTITY	UNITS	SYMBOL	DESCRIPTION	MAKE/MODEL
1	EA	C	CONTROLLER 4 STATION EXPANDABLE WITH CABINET	HUNTER PRO-C, PC-4
1	EA	□	SOIL MOISTURE SENSOR	HUNTER SOIL - CLIK PROBE
1	EA	C	SOIL MOISTURE MODULE	HUNTER SOIL - CLIK MODULE
1	EA	○	WEATHER STATION	HUNTER SOLAR SYNC SENSOR WITH MOUNTING ARM
1	EA	C	WEATHER STATION MODULE	HUNTER SOLAR SYNC MODULE
4	EA	M	MANUAL FLUSH (BALL) VALVE - 1" DIA. ROUND VALVE BOX - 10" DIA.	NIBCO - COLORED PURPLE AND LABELED FOR NON-POTABLE USE
3	EA	QC	QUICK COUPLER - 1" DIA. ROUND VALVE BOX - 10" DIA.	RAINBIRD 5 - RC
4	EA	#1-4	DRIP ZONE KIT VALVE ASSY - 1" RECTANGULAR BOX 25 1/4" X 19 3/8" X 12" DEEP	RAINBIRD 100PESB-R RAINBIRD PRF-100-RBY: 1" (40 PSI)
4	EA	A	AIR VENT - 1" DIA.	NETAFIM
2900	LF	—	DRIPLINE - 16MM DIA	RAINBIRD XFS - COLORED PURPLE AND LABELED FOR NON-POTABLE USE
150	LF	—	MAIN LINE - 1.5" DIA	PVC - COLORED PURPLE AND LABELED FOR NON-POTABLE USE
350	LF	—	LATERAL LINE - 1" DIA	PVC - COLORED PURPLE AND LABELED FOR NON-POTABLE USE
175	LF	~~~~~	COPPER WIRE	14 GAUGE HOT 12 GAUGE COMMON
3	EA	NA	SLEEVE - 4" DIA. (LENGTH AS NECESSARY)	PVC



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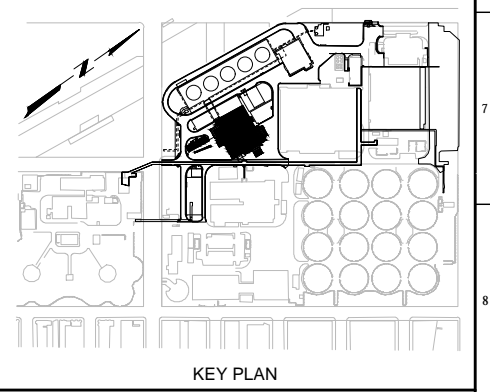


BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM

**Brown and Caldwell** **ch2m**

PROJECT ENGINEER D. GREEN	DRAWN R. VILORIA
PROJECT MANAGER T. STIGERS	DESIGNED L. CYRA-KORSGAARD
APPROVED L. CYRA-KORSGAARD	CHECKED S. BARBER

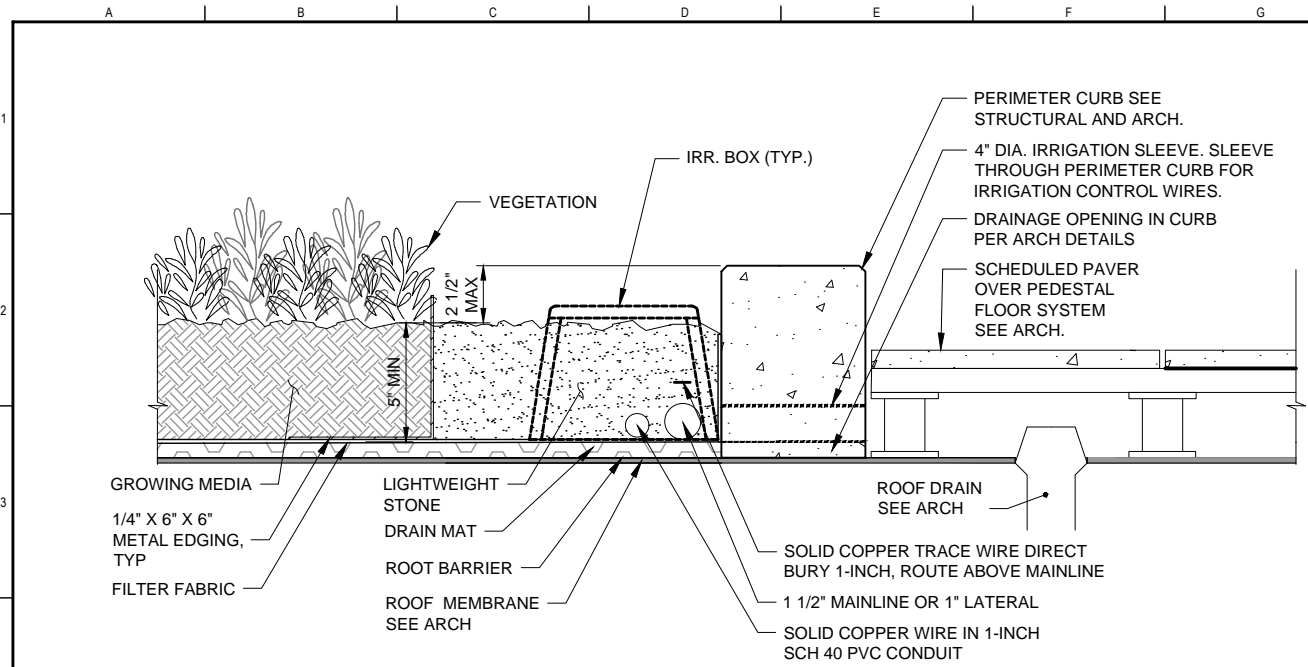
NO.	DATE	DESCRIPTION	BY	APPROD
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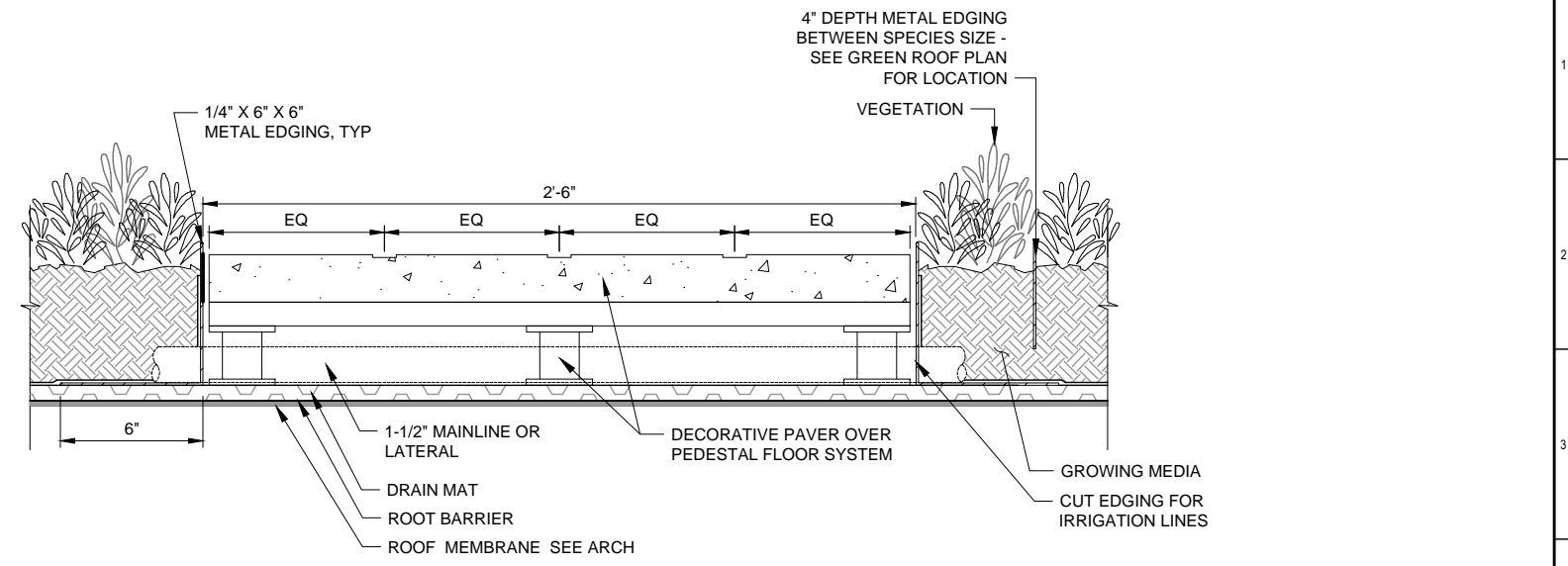
**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT  
**GREEN ROOF IRRIGATION PLAN**

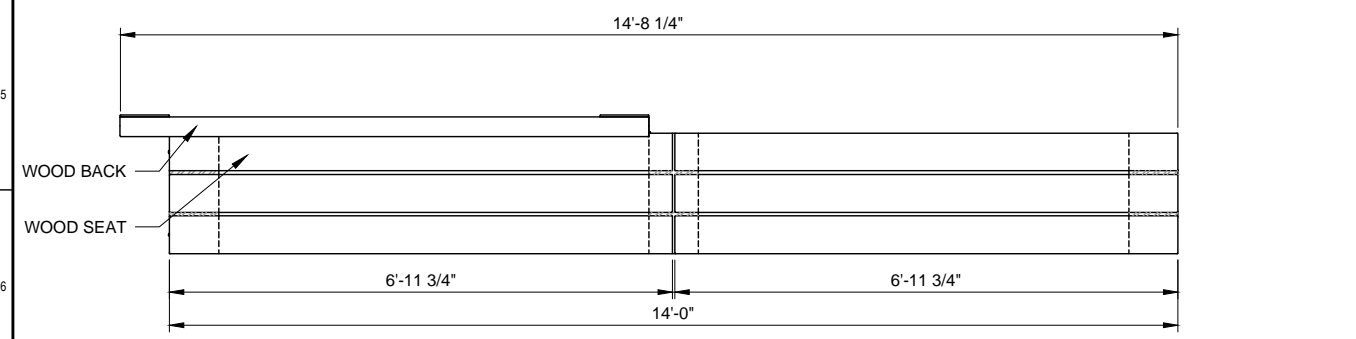
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>600-L-05-4002</b>	DRAWING / FILE NO.
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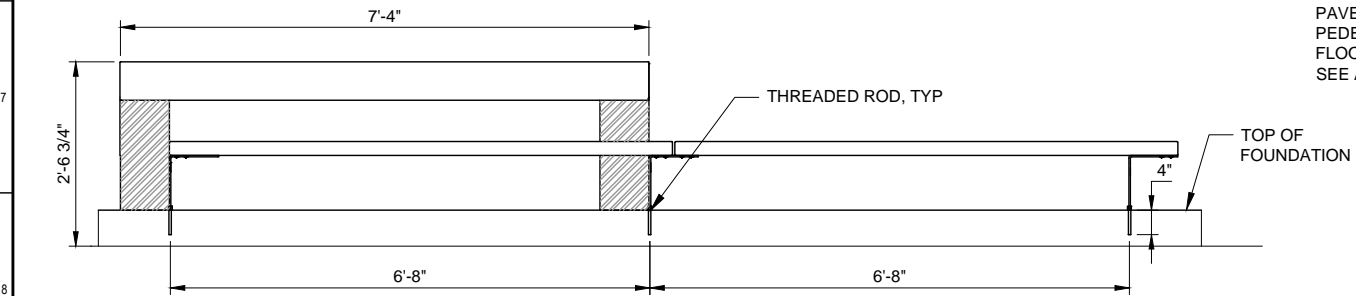
**A SECTION (VEGETATIVE ROOF ASSEMBLY)**  
600-L-05-4001 NTS



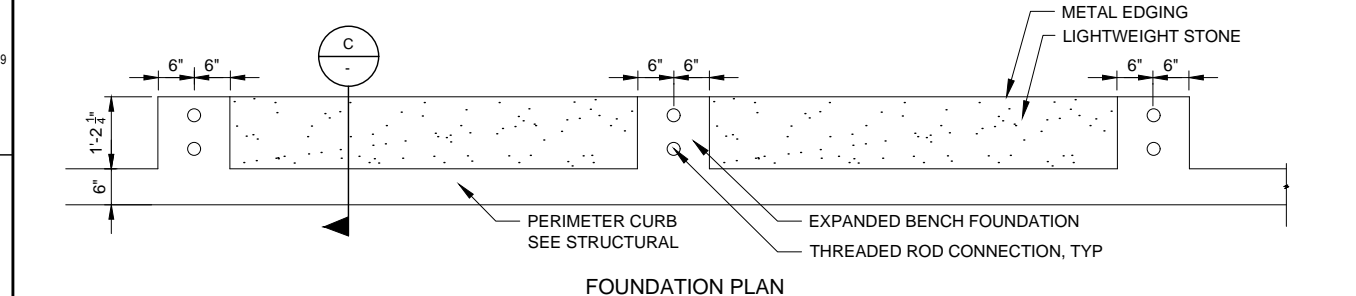
**B SECTION (DECORATIVE PAVER)**  
600-L-05-4001 NTS



**BENCH PLAN**

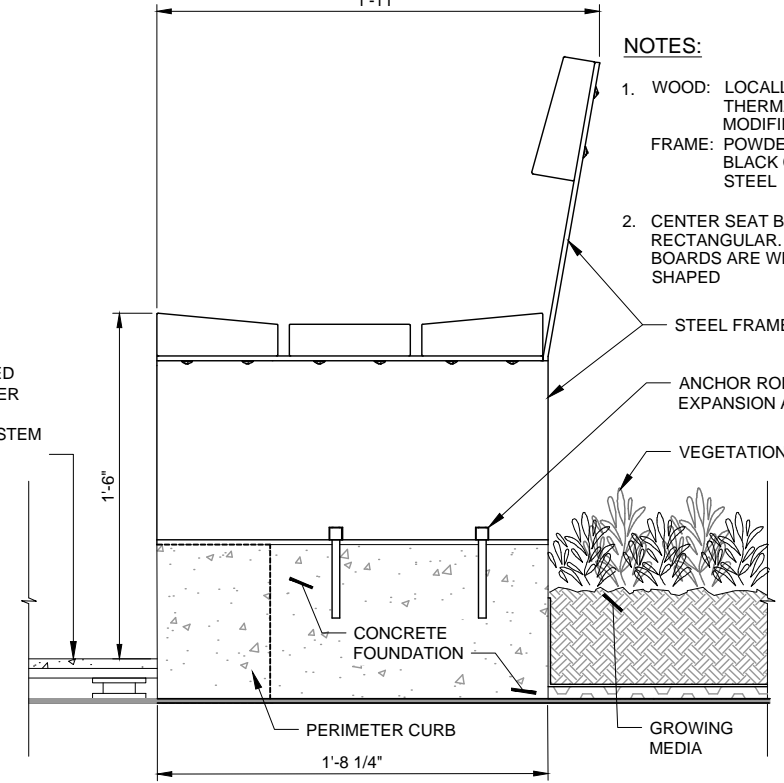


**BENCH FRONT ELEV**

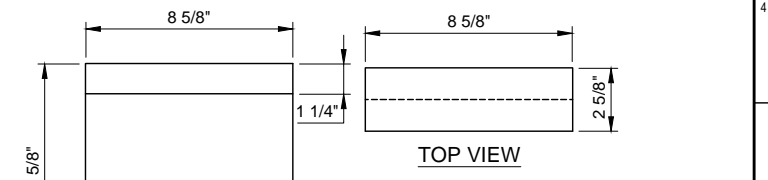


**FOUNDATION PLAN**

**1 BENCH DETAIL**  
600-L-05-4001 3/4"=1'-0"



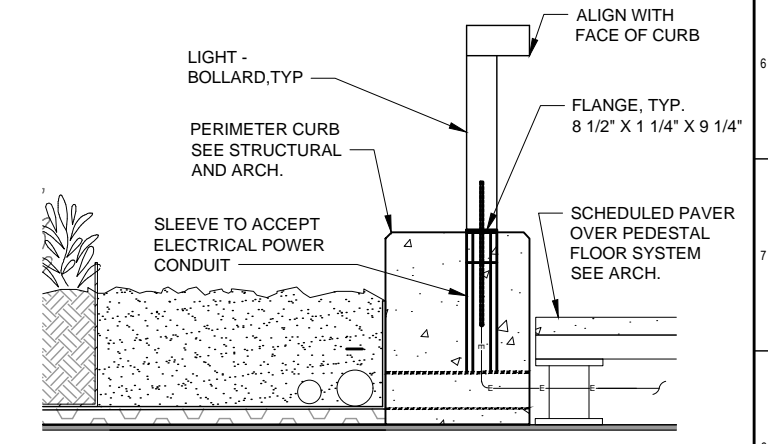
**C EXPANDED BENCH FOUNDATION**  
600-L-05-4001 NTS



**FRONT VIEW**

**TOP VIEW**

- NOTES:**
- WOOD: LOCALLY SOURCED THERMALLY MODIFIED ASH
  - FRAME: POWDER COATED - BLACK CARBON STEEL
2. CENTER SEAT BOARD IS RECTANGULAR. OUTER BOARDS ARE WEDGE SHAPED



**D BOLLARD LIGHT**  
600-L-05-4001 NTS

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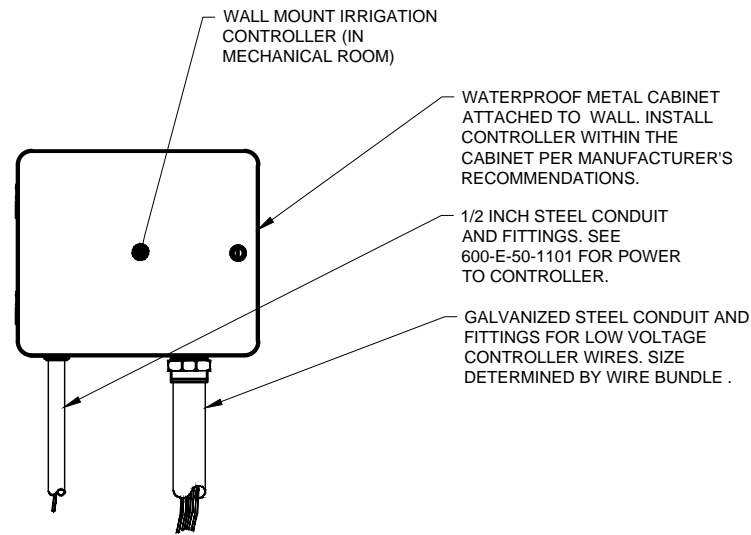
ELEVATION DATUM  
CITY



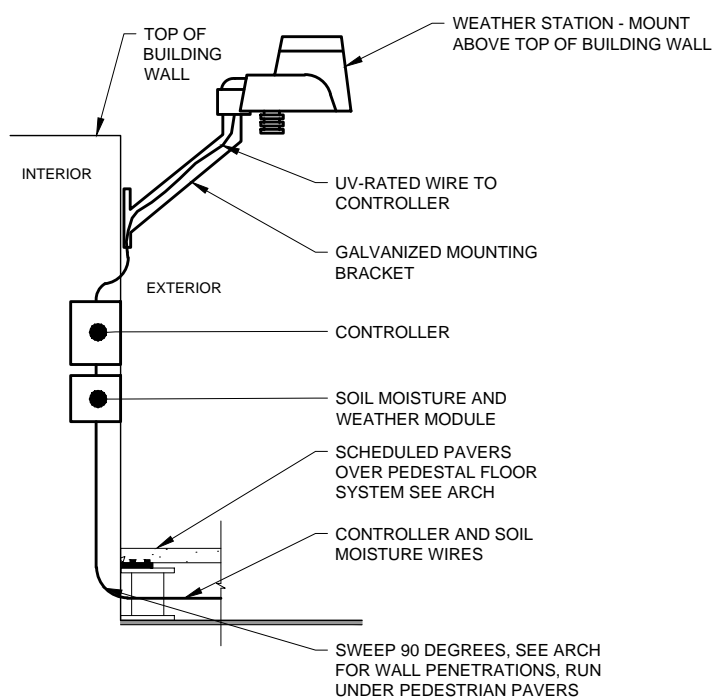
BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
Brown and Caldwell		ch2m	
PROJECT ENGINEER D. GREEN	DRAWN R. VILORIA	DESIGNED L. CYRA-KORSGAARD	CHECKED S. BARBER
PROJECT MANAGER T. STIGERS	APPROVED L. CYRA-KORSGAARD	DATE	BY
NO.	DATE	DESCRIPTION	BY
REVISIONS			

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CITY AND COUNTY OF SAN FRANCISCO	
<b>PUBLIC UTILITIES COMMISSION</b>	
INFRASTRUCTURE DIVISION	
ENGINEERING MANAGEMENT BUREAU	
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b>	
<b>BIOSOLIDS DIGESTER FACILITIES PROJECT</b>	
600 - SOLIDS PRETREATMENT	
<b>PLANTING DETAILS</b>	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE: AS SHOWN
DATE	DATE: Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>600-L-05-5001</b>	DRAWING / FILE NO.
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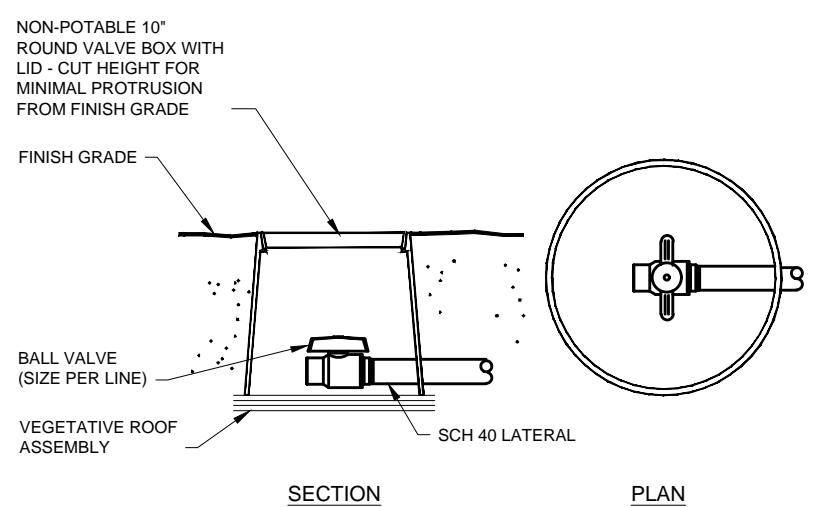




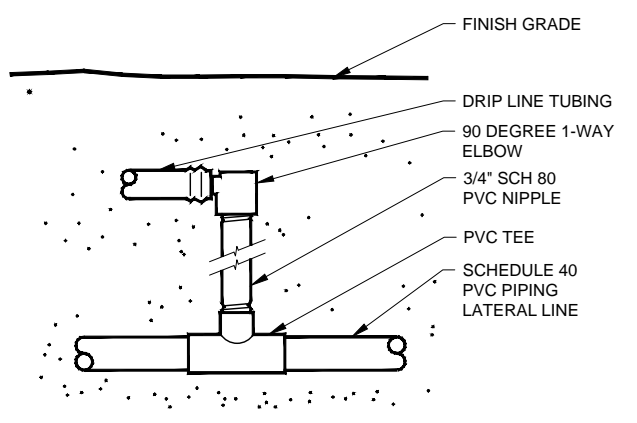
1 **CONTROLLER ASSEMBLY**  
600-L-05-5002 NTS



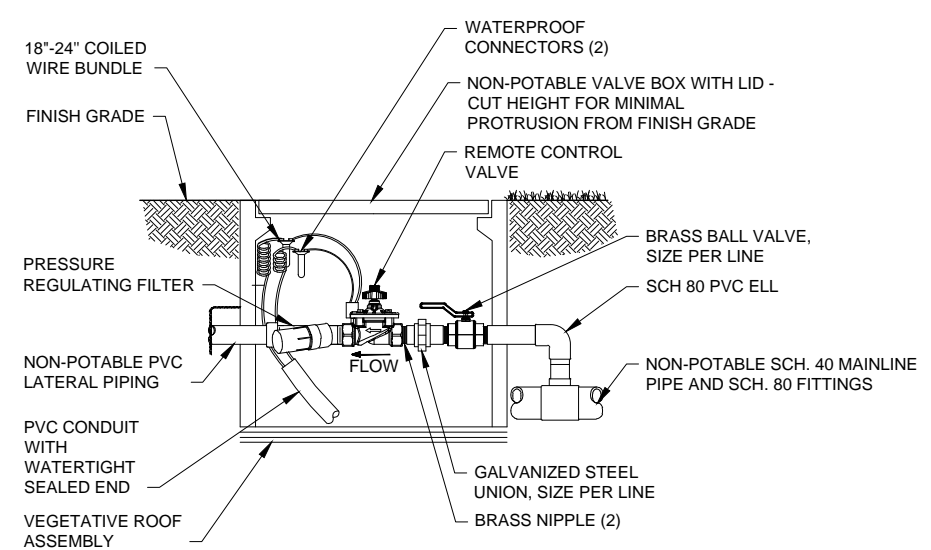
2 **WEATHER STATION AT CONTROLLER**  
600-L-05-5002 NTS



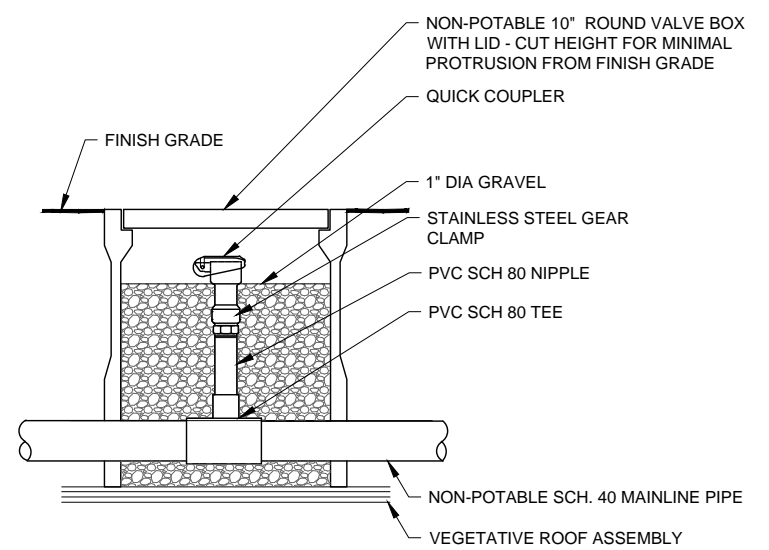
3 **MANUAL FLUSH VALVE**  
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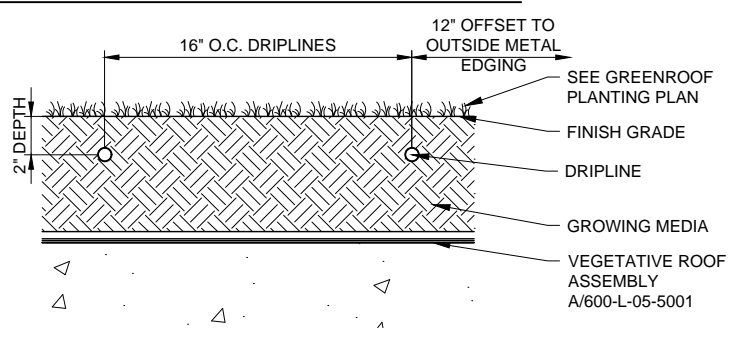
4 **DRIPLINE CONNECTION WITH PVC RISER**  
600-L-05-5002 NTS



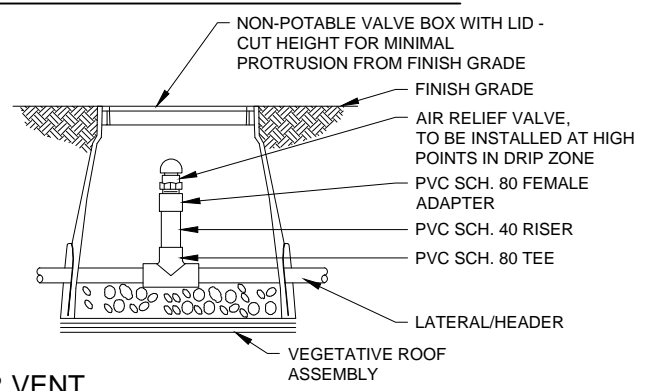
5 **DRIP ZONE KIT ASSEMBLY**  
600-L-05-5002 NTS



6 **QUICK COUPLER DETAIL**  
600-L-05-5002 NTS



7 **DRIPLINE DEPTH AND SPACING**  
600-L-05-5002 NTS



8 **AIR VENT**  
600-L-05-5002 NTS

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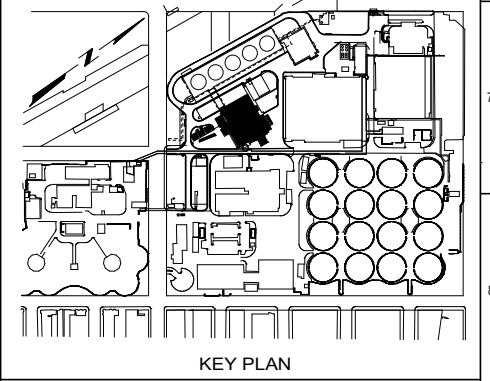
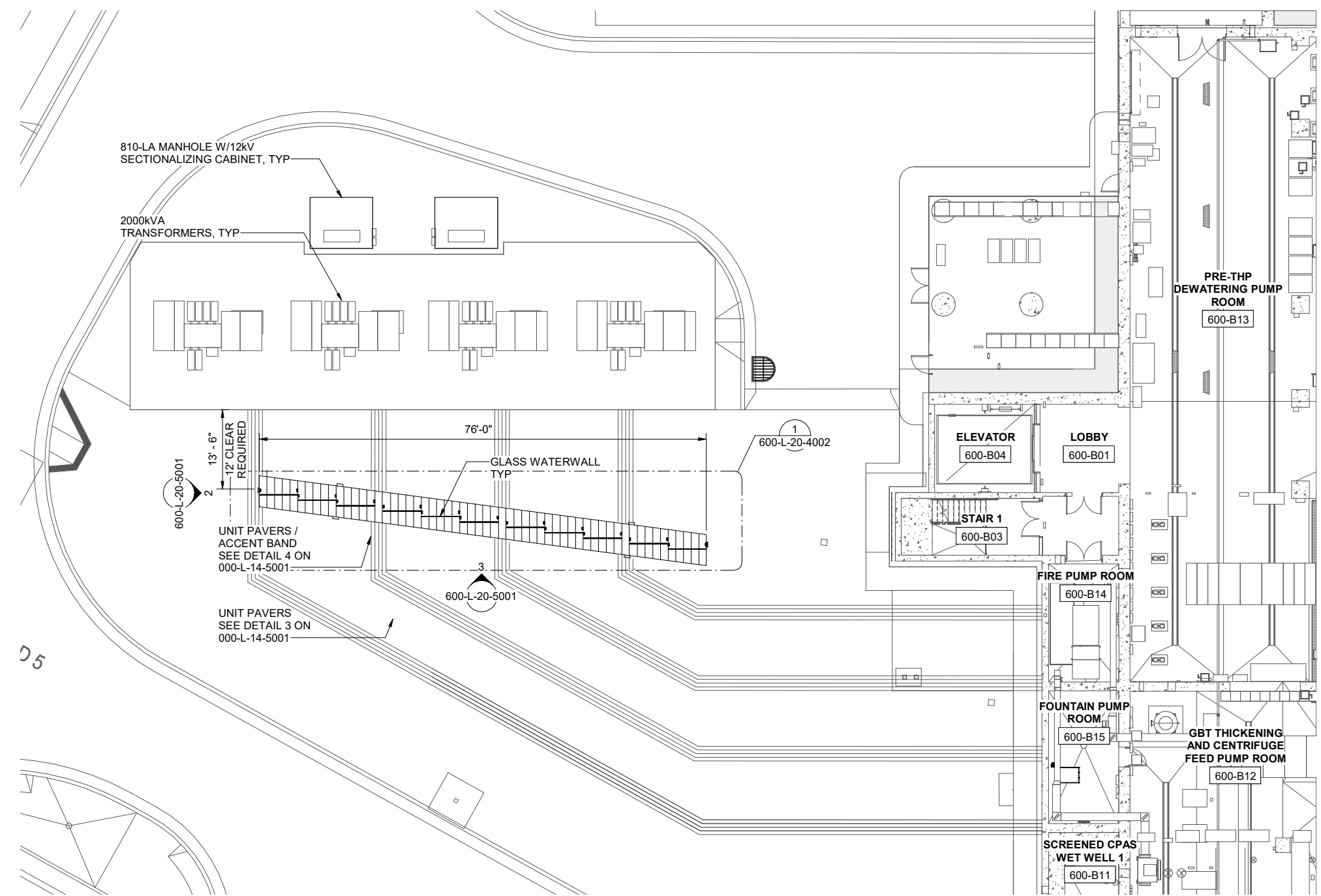


BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	R. VILORIA
PROJECT MANAGER	T. STIGERS	DESIGNED	L. CYRA-KORSGAARD
APPROVED	L. CYRA-KORSGAARD	CHECKED	S. BARBER
NO.	DATE	DESCRIPTION	BY
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CITY AND COUNTY OF SAN FRANCISCO <b>PUBLIC UTILITIES COMMISSION</b> INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU	
<b>SOUTHEAST WATER POLLUTION CONTROL PLANT</b> BIOSOLIDS DIGESTER FACILITIES PROJECT	
600 - SOLIDS PRETREATMENT	
<b>IRRIGATION DETAILS</b>	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
600-L-05-5002	
REVISION NO.	

GENERAL SHEET NOTES

SHEET KEY NOTES



PLAN  
SCALE: 3/32" = 1'-0"

CONTRACT NO. WW-647R

CITY AND COUNTY OF SAN FRANCISCO  
PUBLIC UTILITIES COMMISSION  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT

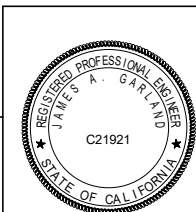
600 - SOLIDS PRETREATMENT

WATER FEATURE SITE PLAN

BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI

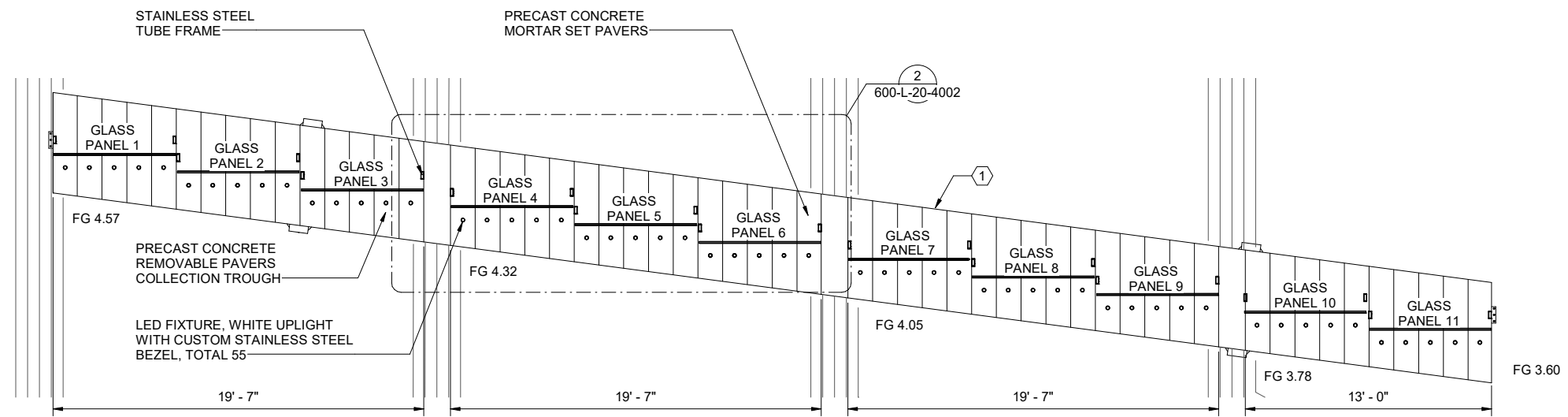
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SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE AS SHOWN	DATE Oct 1, 2020
APPROVED	APPROVED	
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PLAN NO. 600-L-20-4001	DRAWING / FILE NO.	REVISION



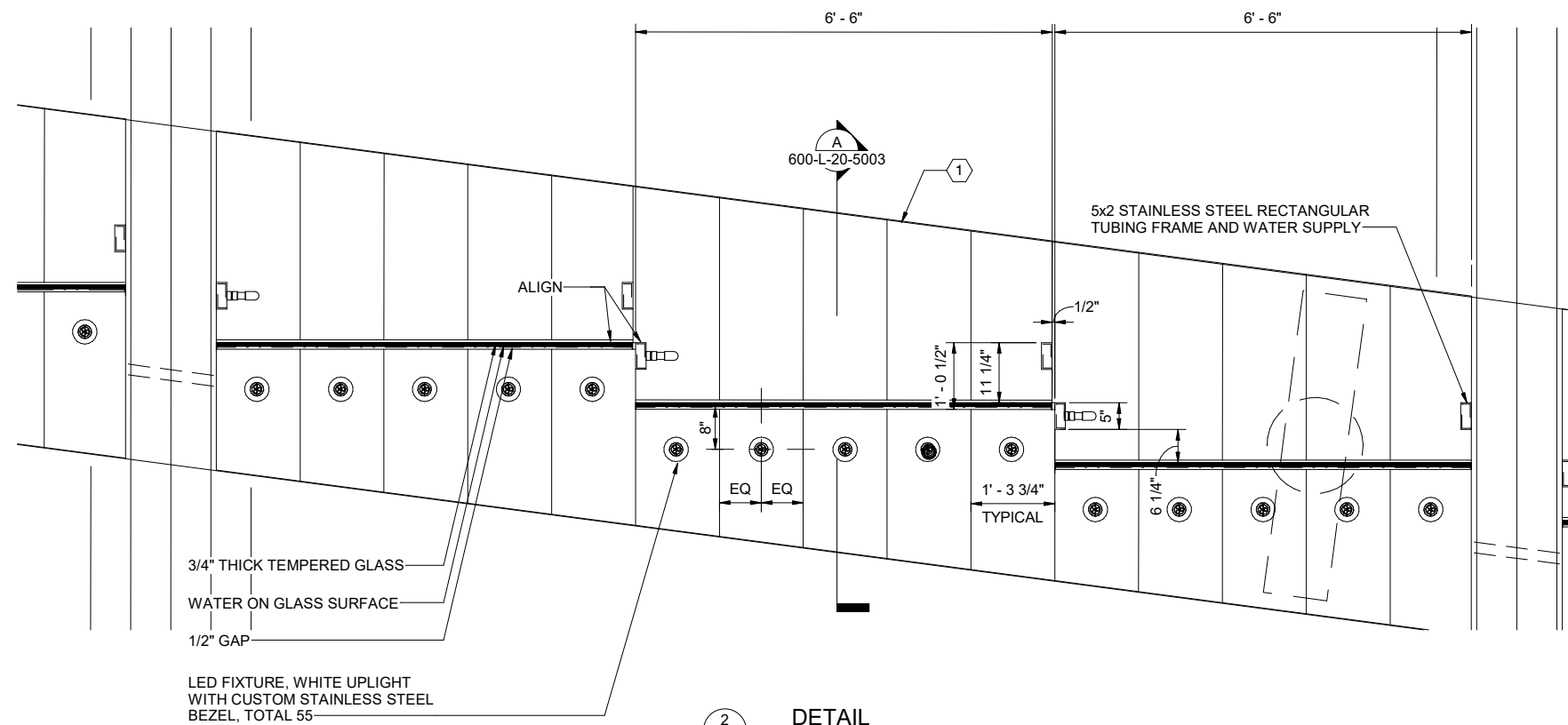
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**1** DETAIL  
600-L-20-4001 SCALE: 1/4" = 1'-0"



**2** DETAIL  
600-L-20-4002 SCALE: 3/4" = 1'-0"

**GENERAL SHEET NOTES**

**SHEET KEY NOTES**

- 1 DRAINAGE TROUGH NOT SHOWN, SEE SHEETS 600-L-20-5007 AND 600-L-20-5008.

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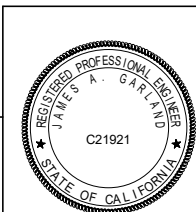
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INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT

**WATER FEATURE FINISHES PLAN**

BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI
NO.	DATE	DESCRIPTION	BY
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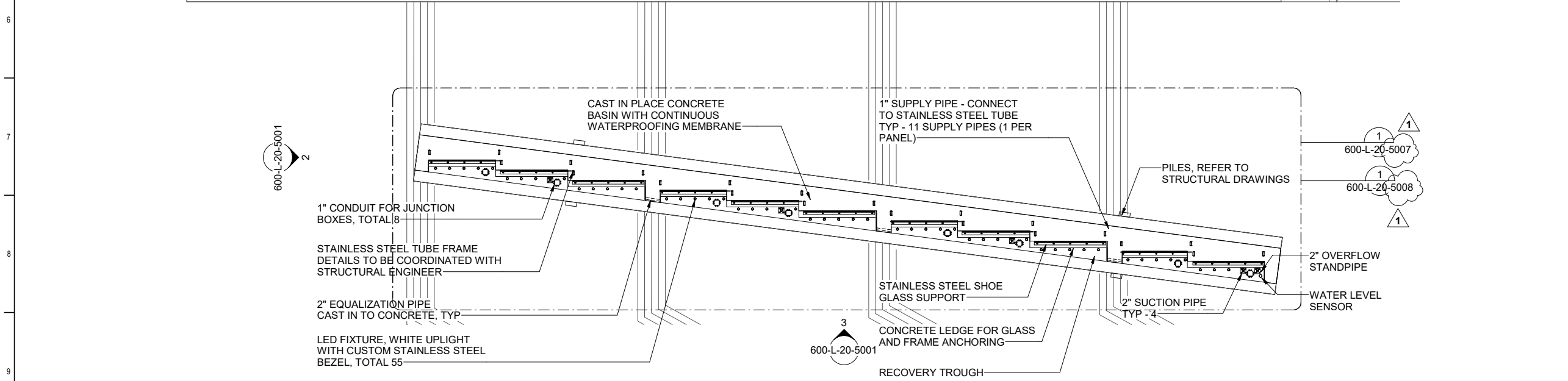
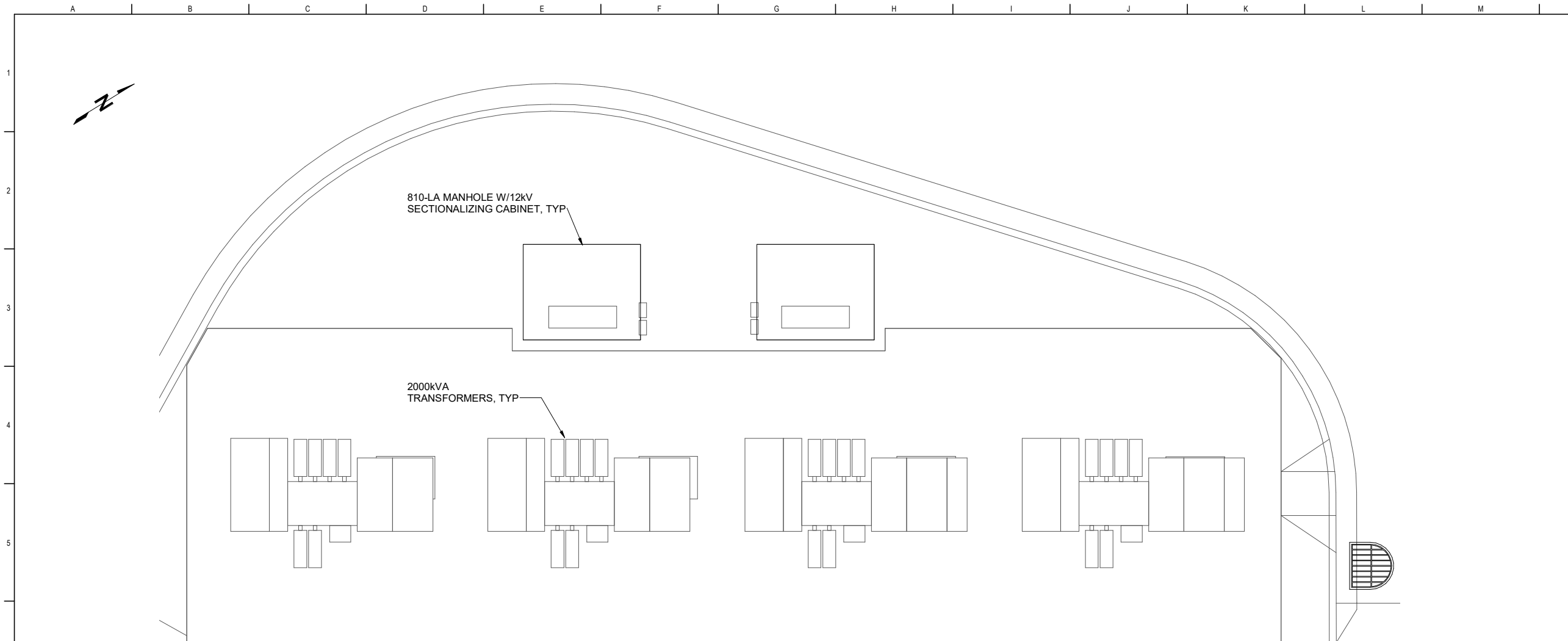
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WWE O&M MANAGER	SCALE	DATE
	AS SHOWN	Oct 1, 2020
APPROVED	APPROVED	
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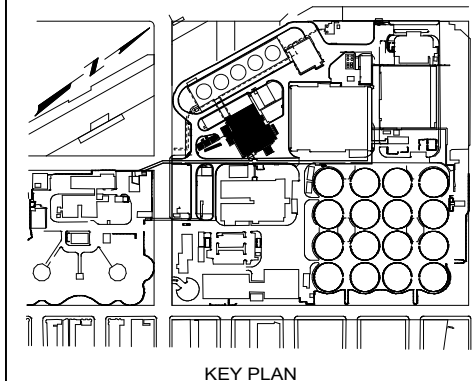
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**GENERAL SHEET NOTES**

**SHEET KEY NOTES**



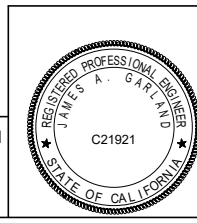
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 ENGINEERING MANAGEMENT BUREAU  
 SOUTHEAST WATER POLLUTION CONTROL PLANT  
 BIOSOLIDS DIGESTER FACILITIES PROJECT  
 600 - SOLIDS PRETREATMENT  
**WATER FEATURE BASIN CONCRETE AND PENETRATION PLAN**

**CONCRETE BASIN AND PENETRATION PLAN**  
 SCALE: 3/16" = 1'-0"

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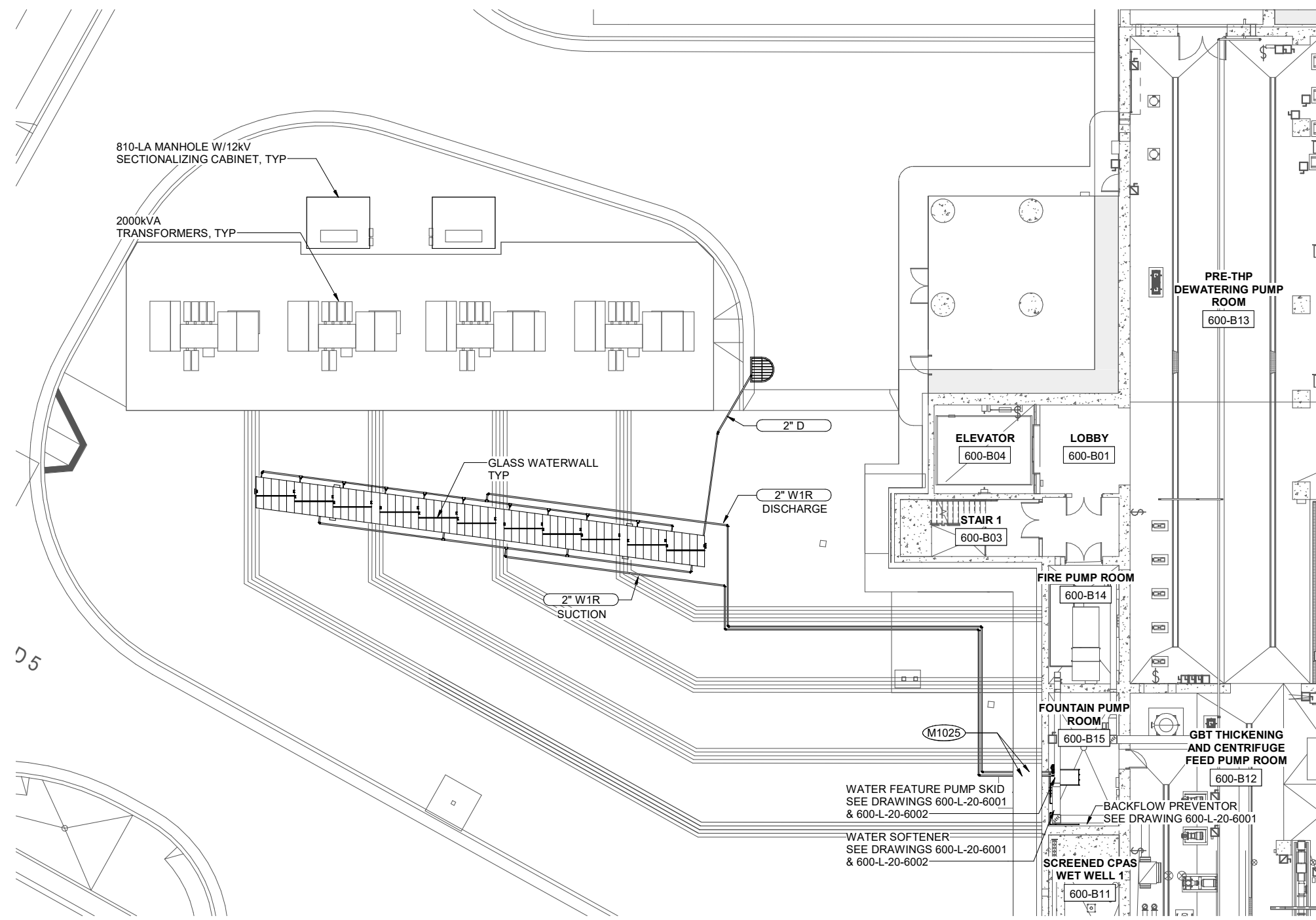


BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	APPROVED	P. BONNICI
NO.	DATE	DESCRIPTION	BY
1	01/22/21	REV #1	TSE JAG
REVISIONS			

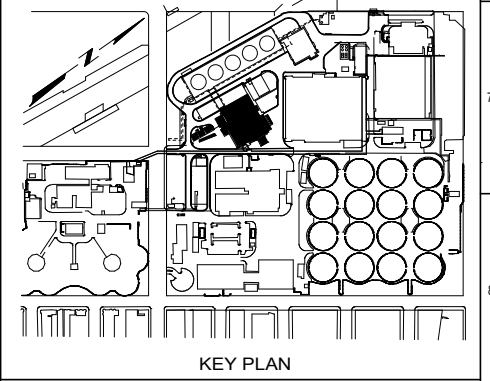
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SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Jan 22, 2021
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
600-L-20-4003	REVISION
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GENERAL SHEET NOTES

SHEET KEY NOTES



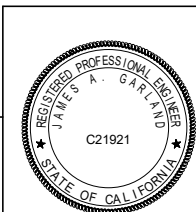
PLAN  
SCALE: 3/32" = 1'-0"



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600 - SOLIDS PRETREATMENT  
**WATER FEATURE PIPING PLAN**

BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI

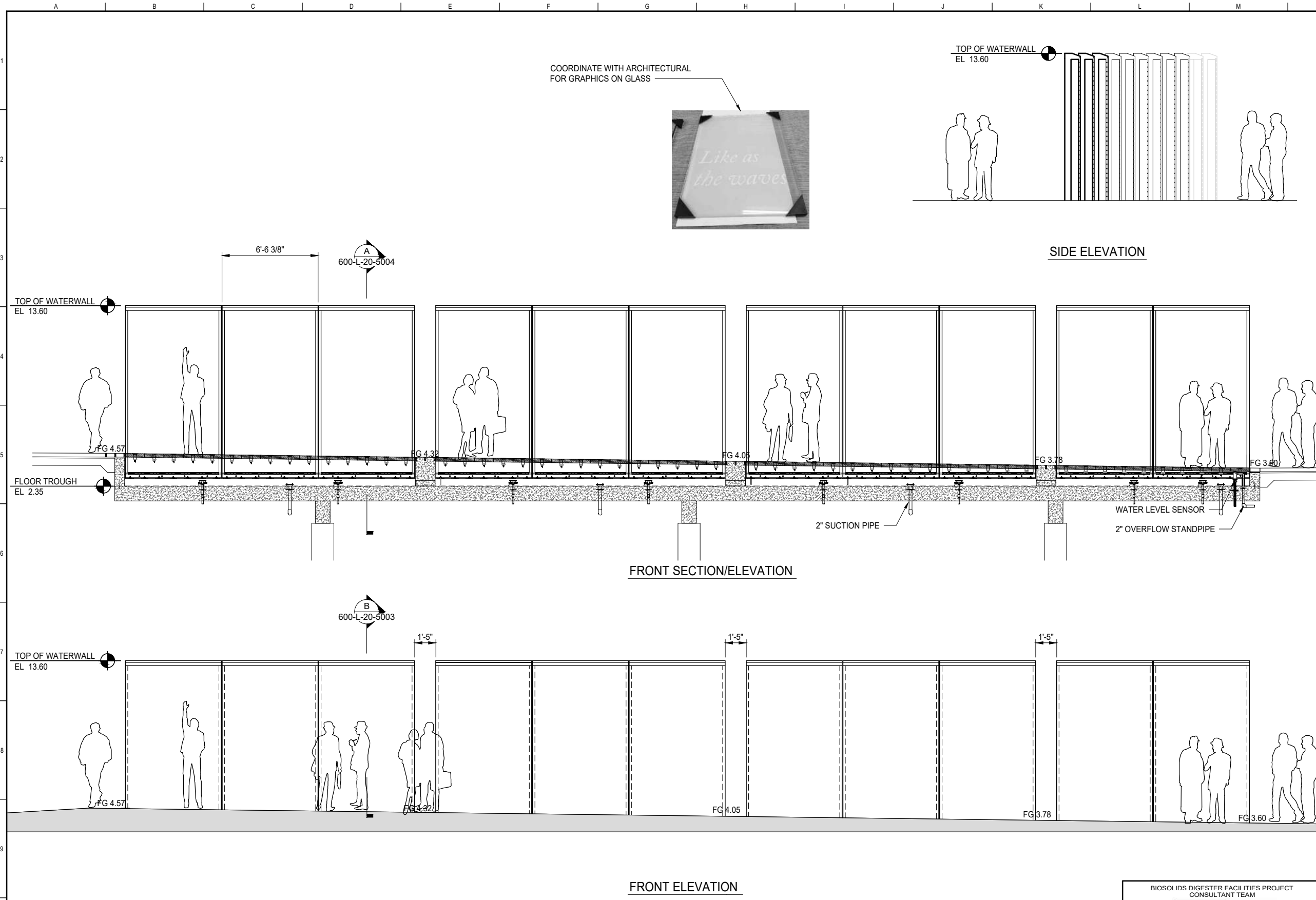


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SECTION MANAGER	DESIGNED	
WWE O&M MANAGER	SCALE	DATE
APPROVED	AS SHOWN Oct 1, 2020	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION
<b>600-L-20-4004</b>		



COORDINATE WITH ARCHITECTURAL FOR GRAPHICS ON GLASS



TOP OF WATERWALL  
EL 13.60

SIDE ELEVATION

FRONT SECTION/ELEVATION

FRONT ELEVATION

GENERAL SHEET NOTES

SHEET KEY NOTES

CONTRACT NO. WW-647R

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT

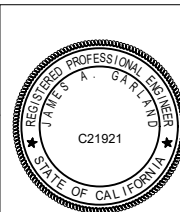
ELEVATIONS

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>600-L-20-5001</b>	REVISION NO.

BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM



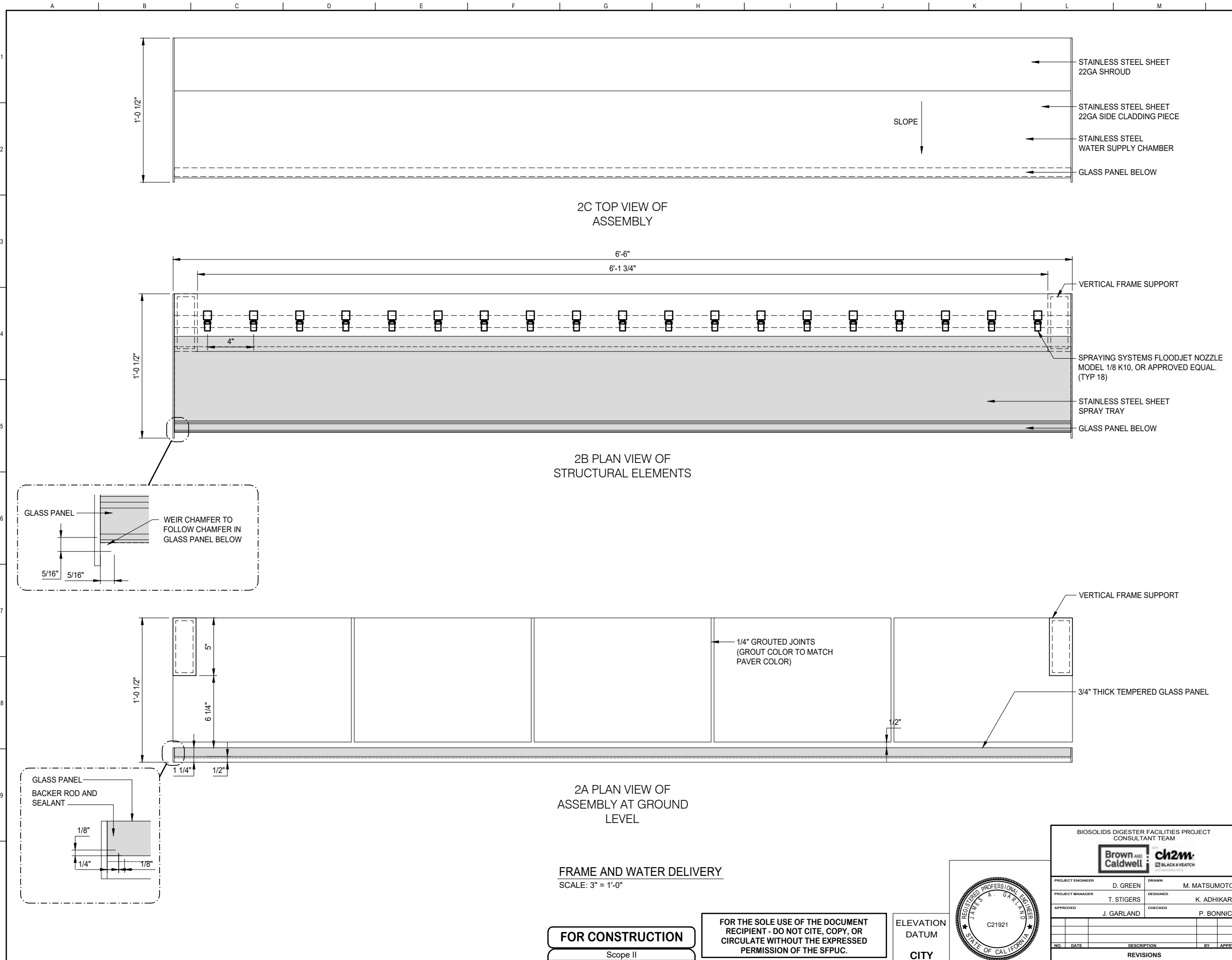
PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI
NO.	DATE	DESCRIPTION	BY
		REVISIONS	APPRD



ELEVATION DATUM  
CITY

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**FOR CONSTRUCTION**  
Scope II



**GENERAL SHEET NOTES**

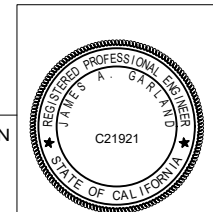
**SHEET KEY NOTES**

**FRAME AND WATER DELIVERY**  
SCALE: 3" = 1'-0"

**FOR CONSTRUCTION**  
Scope II

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CITY



BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI

REVISIONS

NO.	DATE	DESCRIPTION	BY	APPRD

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

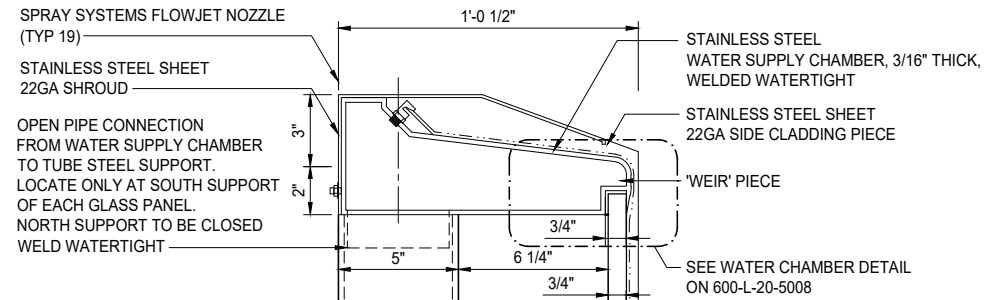
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT

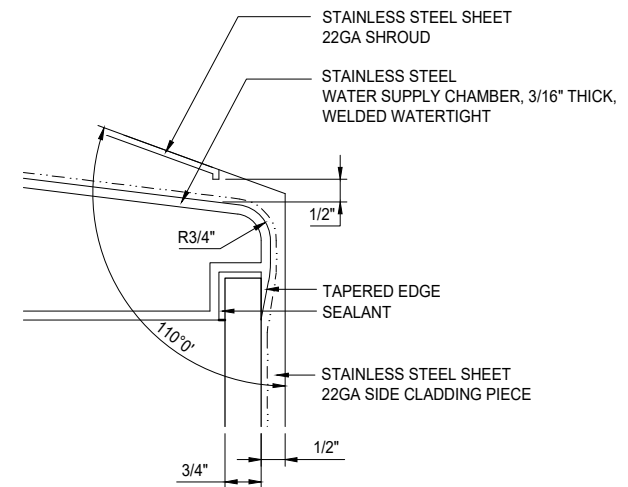
**ENLARGED PLANS**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>600-L-20-5002</b>	
	REVISION NO.

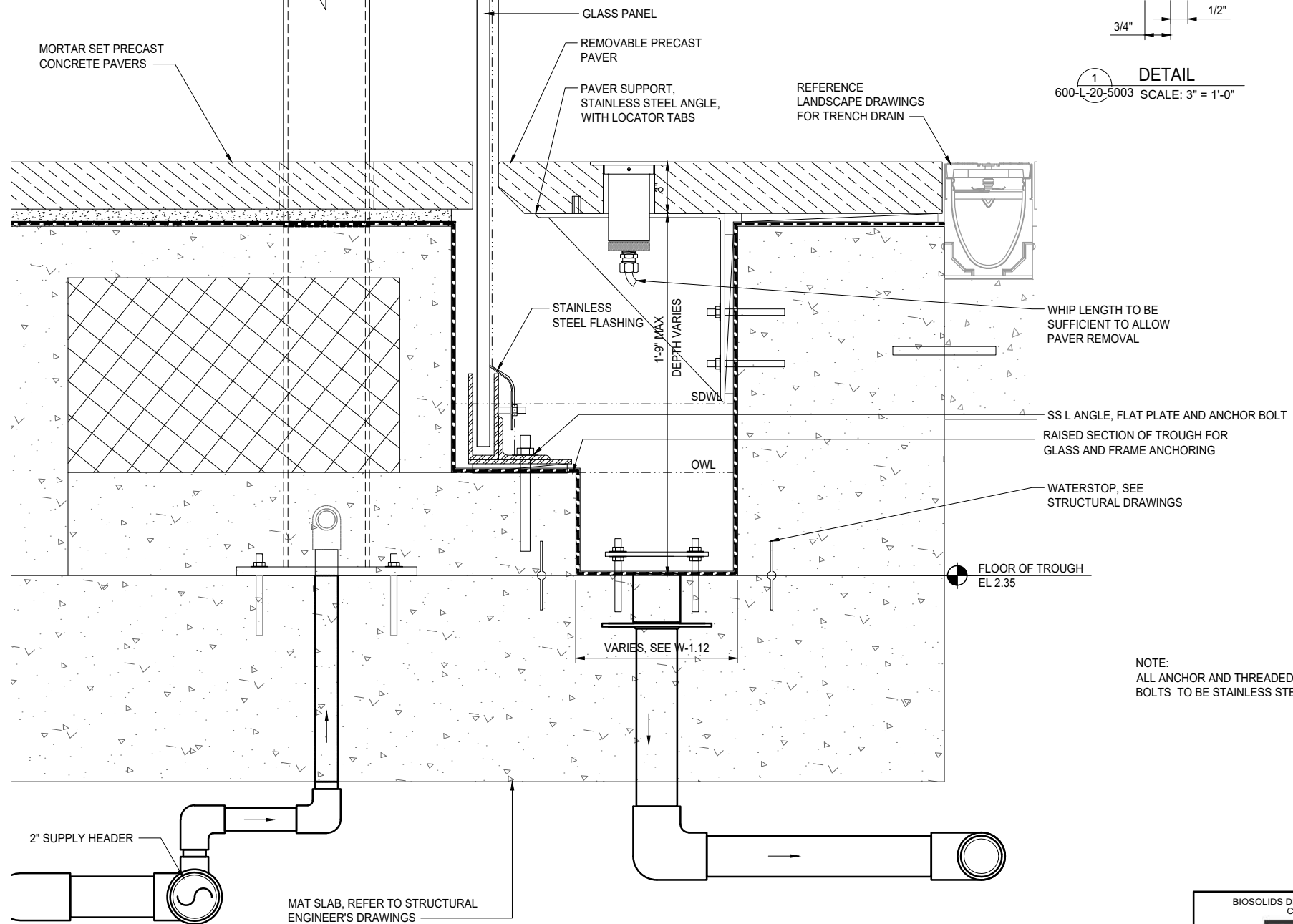
NOTE:  
CONTRACTOR SHALL PROVIDE MOCK-UP OF ONE FULL SCALE WATER WALL ASSEMBLY, INCLUDING GLASS PANEL, TUBE STEEL SUPPORTS, WATER SUPPLY CHAMBER WITH NOZZLES, AND TOP CLADDING PIECE. PROVIDE MOCK-UP SHOP DRAWINGS TO FLUIDITY FOR REVIEW PRIOR TO MOCK-UP CONSTRUCTION.



**ENLARGED SECTION AT TOP OF WATERWALL**  
600-L-20-5001 SCALE: 3" = 1'-0"



**1 DETAIL**  
600-L-20-5003 SCALE: 3" = 1'-0"



**ENLARGED SECTION AT BASE OF ASSEMBLY**  
600-L-20-4002 SCALE: 3" = 1'-0"

**GENERAL SHEET NOTES**

**SHEET KEY NOTES**

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

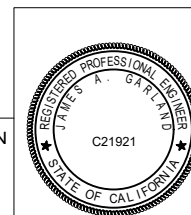
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT

**SECTIONS**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>600-L-20-5003</b>	

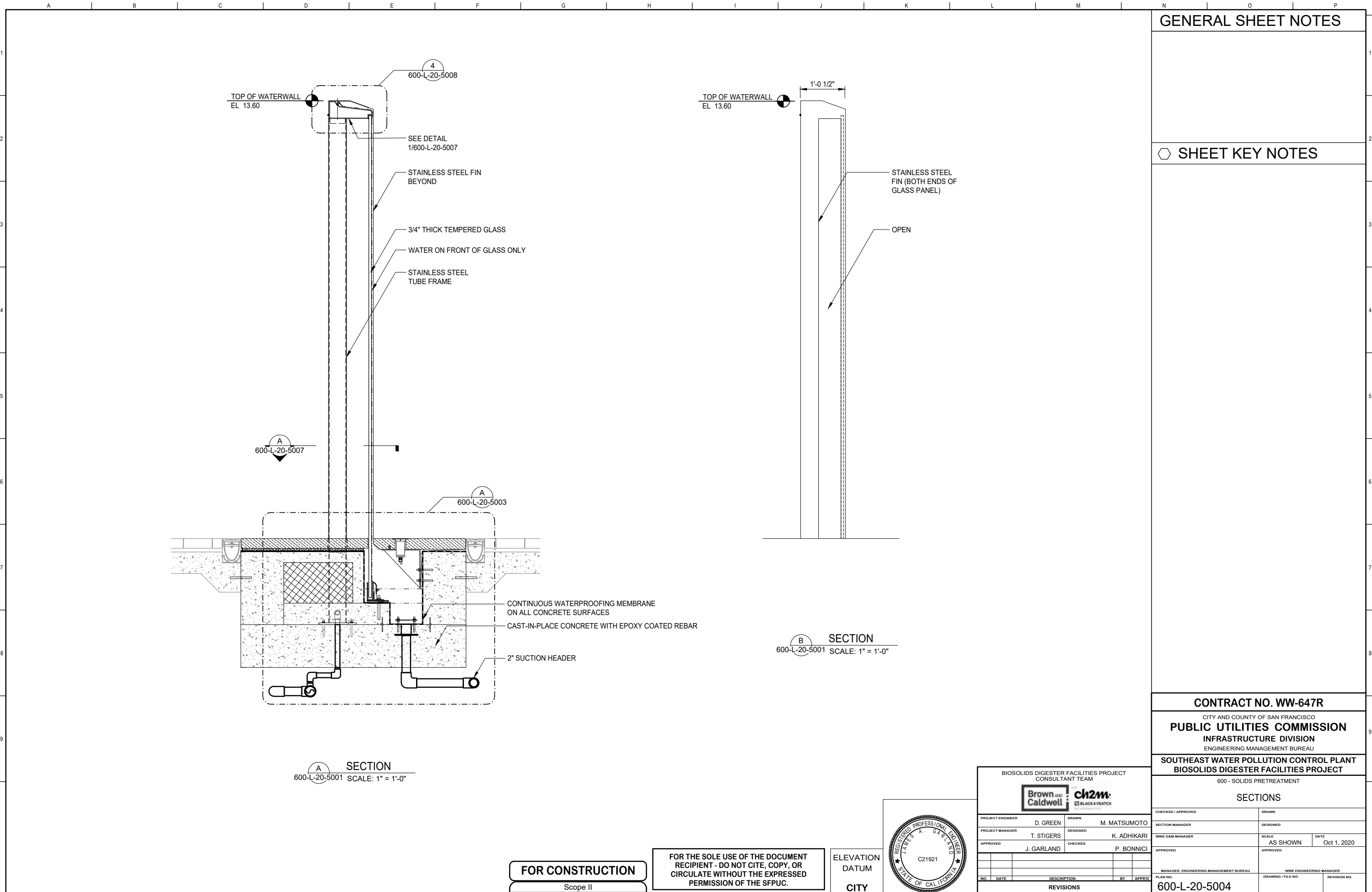
BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI
NO.	DATE	DESCRIPTION	BY
		REVISIONS	APPRD



ELEVATION  
DATUM  
CITY

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**FOR CONSTRUCTION**  
Scope II



**GENERAL SHEET NOTES**

**SHEET KEY NOTES**

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

600 - SOLIDS PRETREATMENT

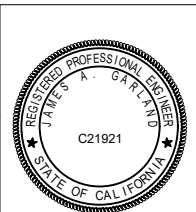
**SECTIONS**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>600-L-20-5004</b>	

BIOSOLIDS DIGESTER FACILITIES PROJECT  
 CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI

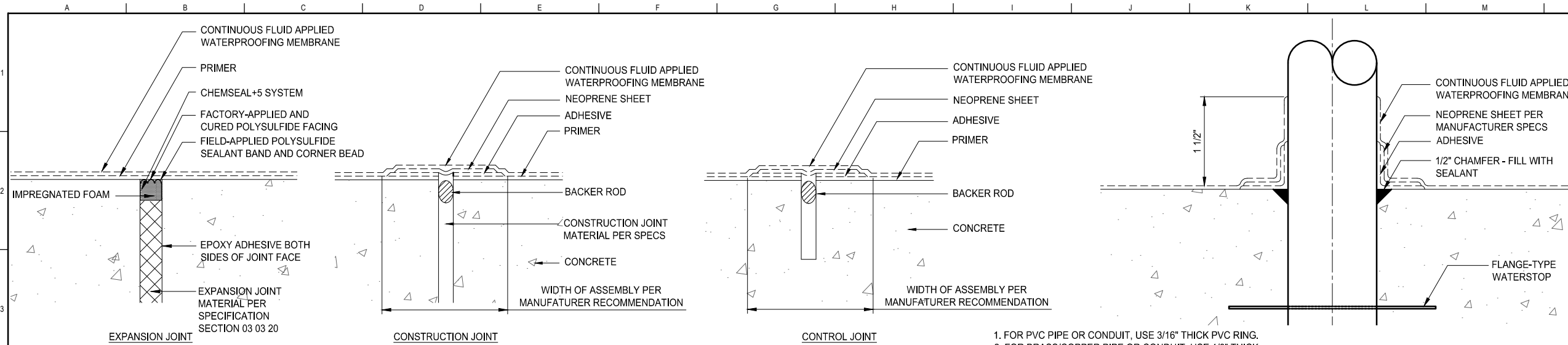
NO.	DATE	DESCRIPTION	BY	APPRD
REVISIONS				



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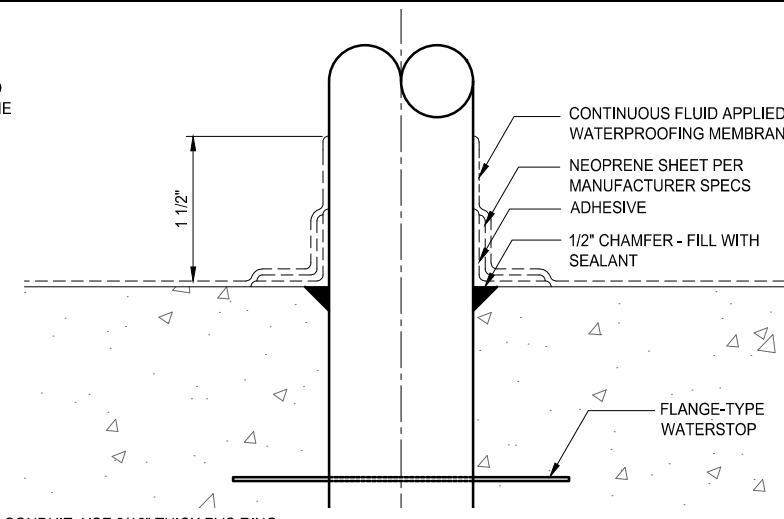
**FOR CONSTRUCTION**  
 Scope II

ELEVATION  
 DATUM  
 CITY

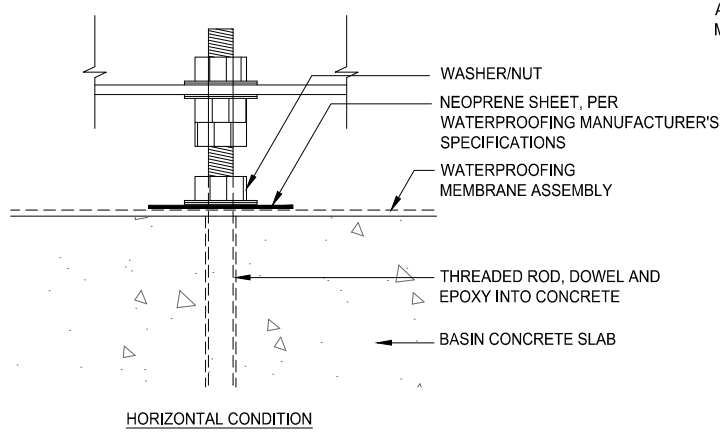
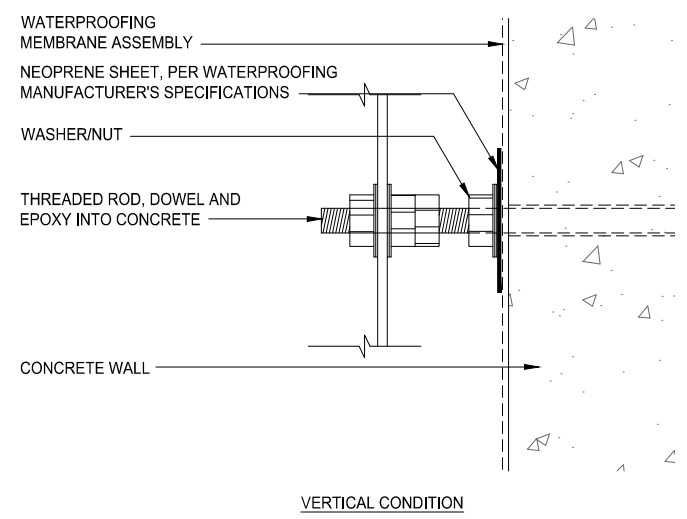


**TYPICAL CONCRETE JOINTS DETAIL**

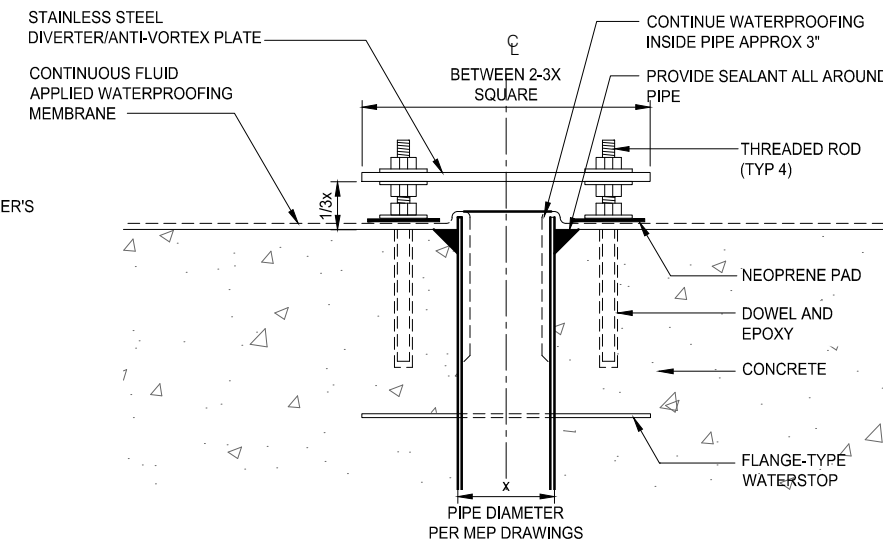
1. FOR PVC PIPE OR CONDUIT, USE 3/16" THICK PVC RING.
2. FOR BRASS/COPPER PIPE OR CONDUIT, USE 1/8" THICK BRASS PLATE SILVER-SOLDERED OR BRAZED ALL AROUND ON BOTH SIDES.
3. FILL CHAMFER WITH SEALANT PER SPECIFICATIONS.



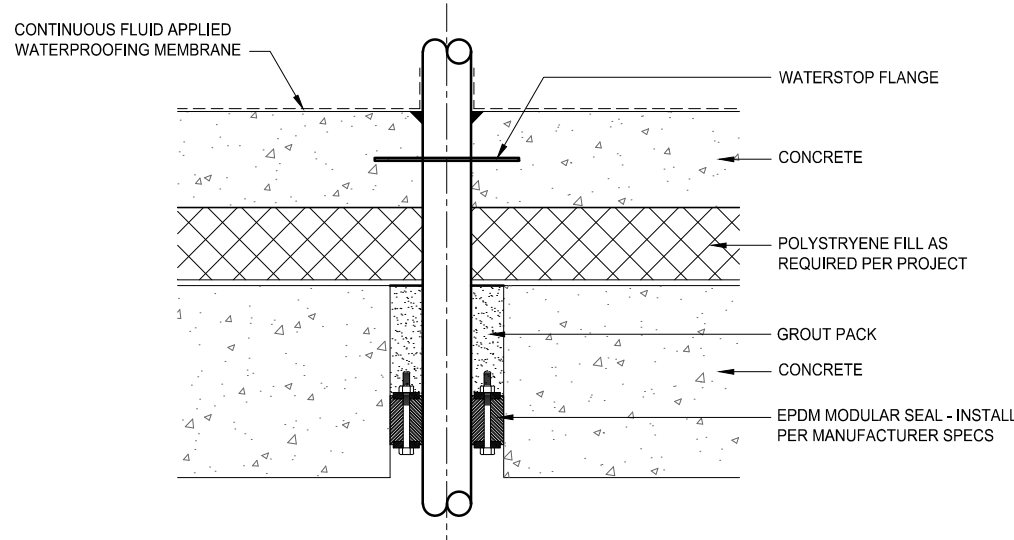
**TYP CONDUIT/PIPING PENETRATION**



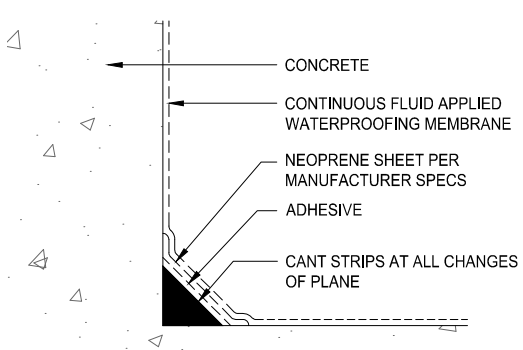
**TYPICAL WATERPROOFING ANCHOR PENETRATIONS**



**DISCHARGE/SUCTION PLATE DETAIL**



**TYPICAL DETAIL AT CONCRETE CORE**



**TYPICAL WATERPROOFING DETAIL**

- NOTE:**
- 1) REFER TO SPECIFICATION SECTION 07 14 00 WATERPROOFING FOR WATER FEATURES
  - 2) REFER TO FLUID APPLIED WATERPROOFING MANUFACTURER INSTRUCTIONS PRIOR TO INSTALLATION OF WATERPROOFING MEMBRANE.
  - 3) WATERPROOFING FIELD TECHNICIAN'S REVIEW OF ON-SITE CONDITIONS IS REQUIRED AND APPROVAL MUST BE MET PRIOR TO INSTALLATION
  - 4) WATERPROOFING DETAILS SHOWN ON THIS SHEET APPLY TO THE WATER FEATURE ONLY.

**GENERAL SHEET NOTES**

**SHEET KEY NOTES**

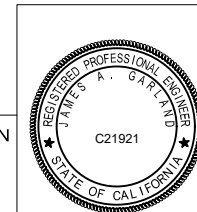
**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**  
 600 - SOLIDS PRETREATMENT

**WATERPROOFING DETAILS**

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Jan 22, 2021
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. 600-L-20-5005	DRAWING / FILE NO. 1

**BIOSOLIDS DIGESTER FACILITIES PROJECT**  
 CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI
NO.	DATE	DESCRIPTION	TSE PRB BY APPD
REVISIONS			

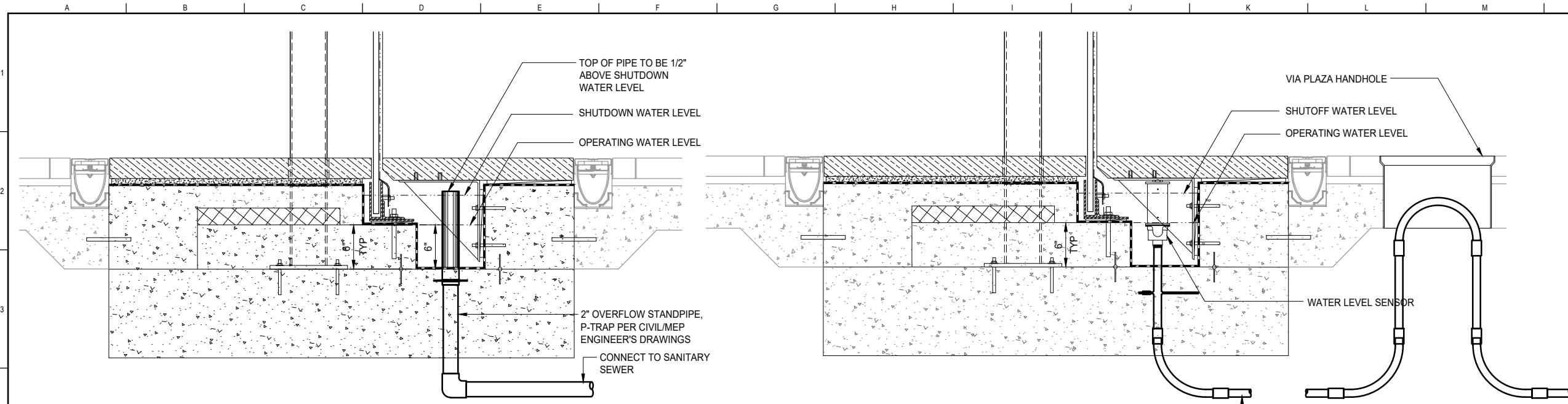


**FOR CONSTRUCTION**  
 Scope II

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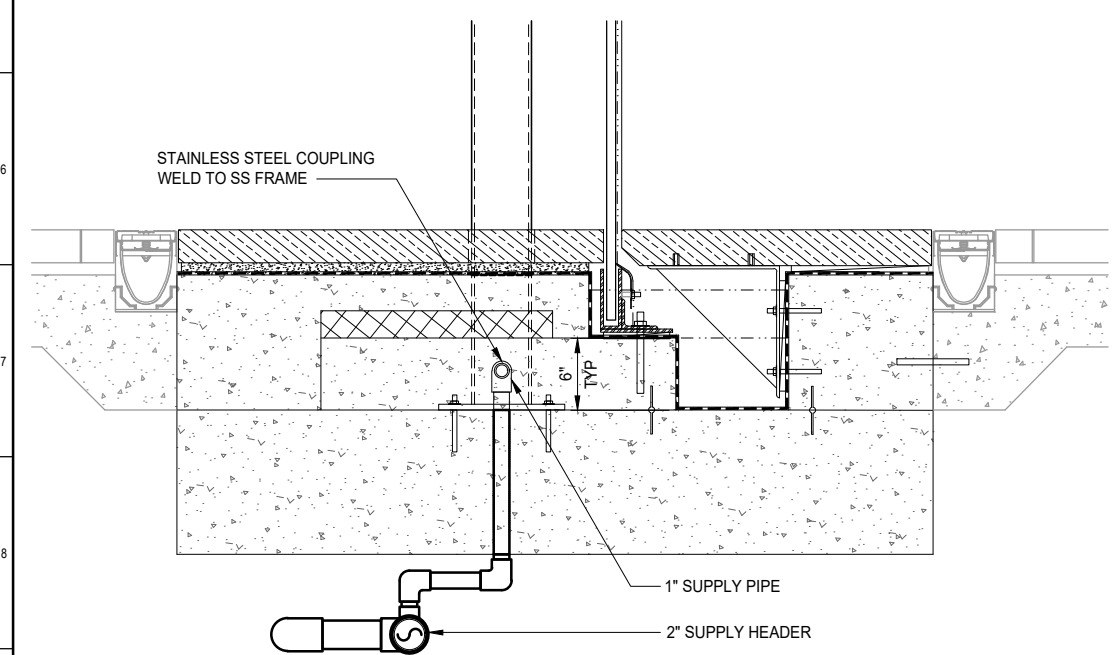
ELEVATION DATUM  
 CITY



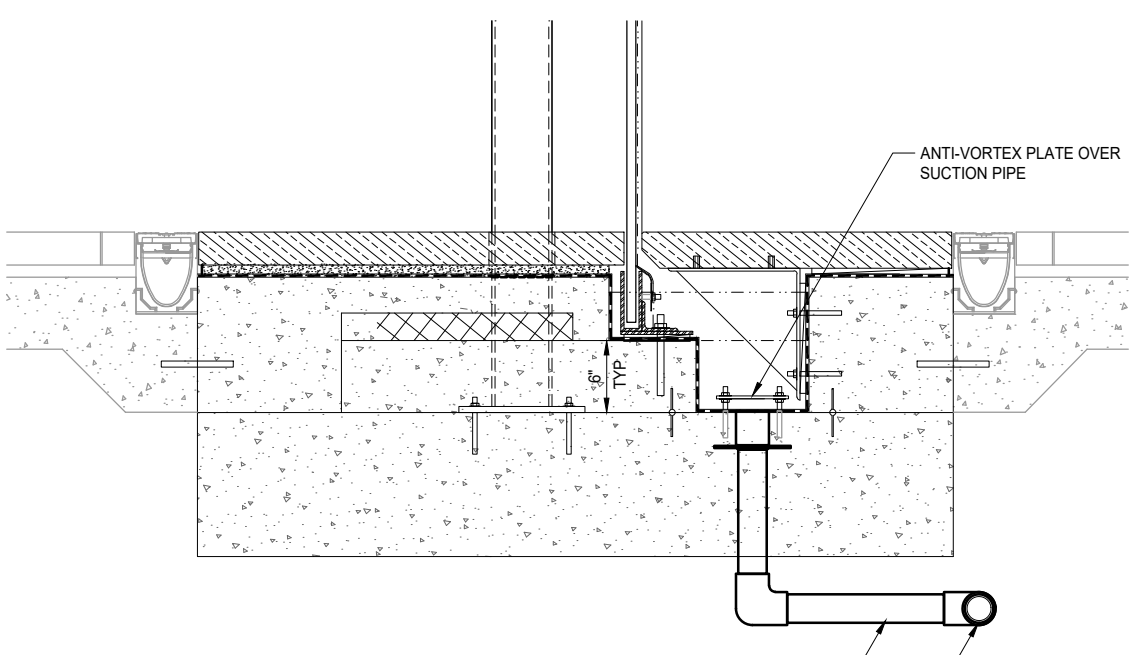


DETAIL AT OVERFLOW

DETAIL AT WSL



DETAIL AT SUPPLY



DETAIL AT SUCTION

GENERAL SHEET NOTES

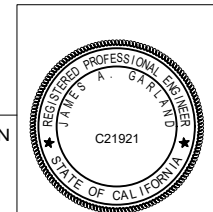
1. LIGHT CORDS CONNECT TO JUNCTION BOX.
2. SEE PIPING SCHEMATIC, SHEET 600-L-20-6001, FOR PIPING MATERIAL.

SHEET KEY NOTES

**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO SOLIDS DIGESTER FACILITIES PROJECT**  
 600 - SOLIDS PRETREATMENT

DETAILS	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>600-L-20-5006</b>	

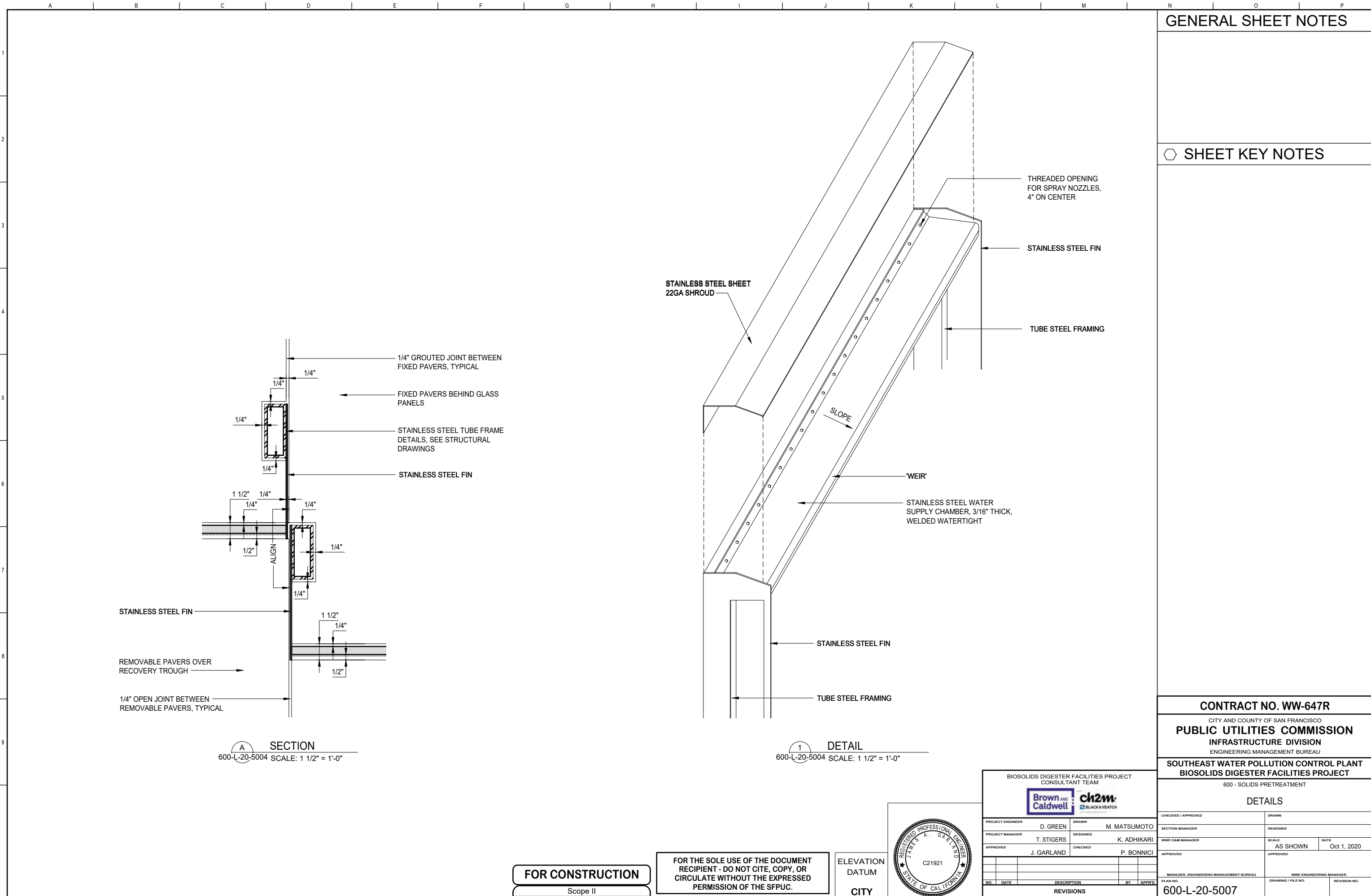
BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	K. ADHIKARI
APPROVED	J. GARLAND	CHECKED	P. BONNICI
NO.	DATE	DESCRIPTION	BY
		REVISIONS	APPRD



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 Scope II

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ELEVATION DATUM  
 CITY



GENERAL SHEET NOTES

SHEET KEY NOTES

1/4" GROUDED JOINT BETWEEN FIXED PAVERS, TYPICAL
FIXED PAVERS BEHIND GLASS PANELS
STAINLESS STEEL TUBE FRAME DETAILS, SEE STRUCTURAL DRAWINGS
STAINLESS STEEL FIN
1 1/2" 1/4" 1/4" 1/4" 1/4" 1/4" 1/2" ALIGN 1/4" 1/4" 1/4"
STAINLESS STEEL FIN
REMOVABLE PAVERS OVER RECOVERY TROUGH
1/4" OPEN JOINT BETWEEN REMOVABLE PAVERS, TYPICAL

A SECTION
600-L-20-5004 SCALE: 1 1/2" = 1'-0"

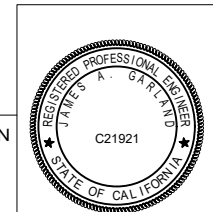
STAINLESS STEEL SHEET 22GA SHROUD
THREADED OPENING FOR SPRAY NOZZLES, 4" ON CENTER
STAINLESS STEEL FIN
TUBE STEEL FRAMING
SLOPE
WEIR
STAINLESS STEEL WATER SUPPLY CHAMBER, 3/16" THICK, WELDED WATERTIGHT
STAINLESS STEEL FIN
TUBE STEEL FRAMING

1 DETAIL
600-L-20-5004 SCALE: 1 1/2" = 1'-0"

CONTRACT NO. WW-647R
CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU
SOUTHEAST WATER POLLUTION CONTROL PLANT
BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT
DETAILS

Table with project details including Project Engineer (D. Green), Project Manager (T. Stigers), and approved signatures.

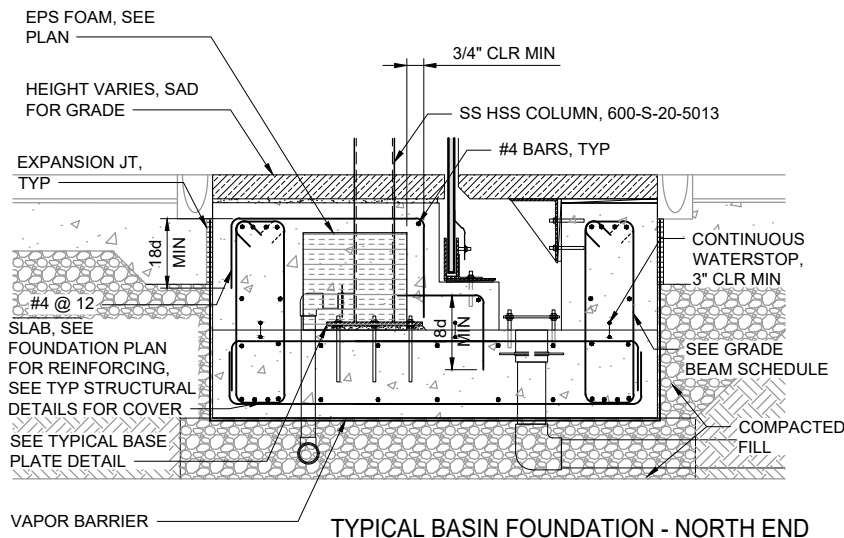


FOR CONSTRUCTION
Scope II

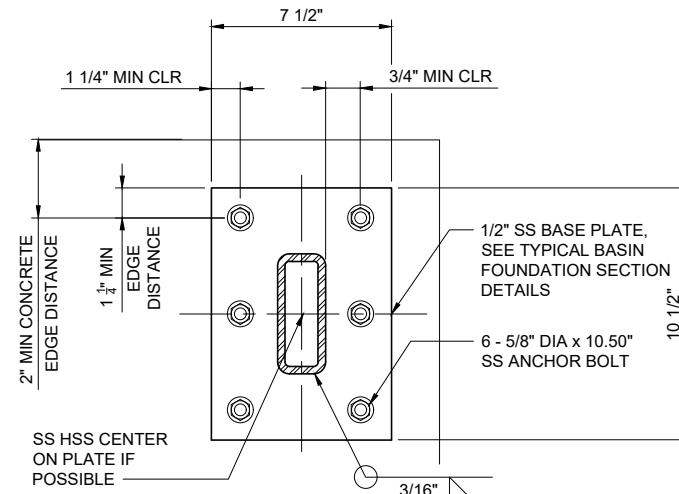
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ELEVATION
DATUM
CITY

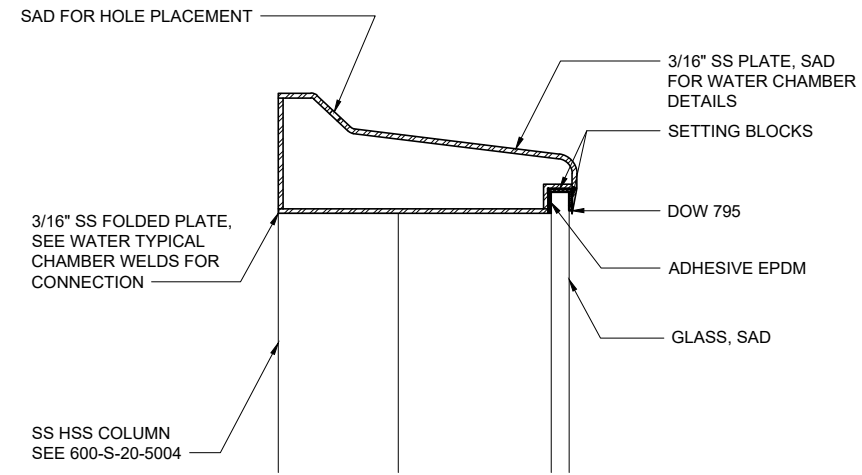




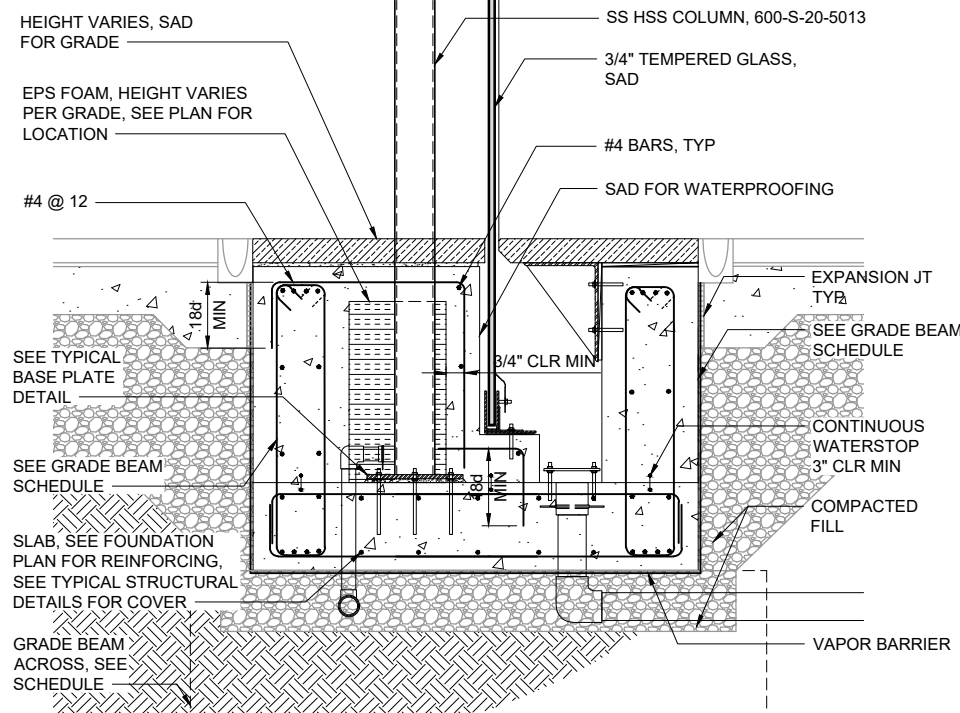
**TYPICAL BASIN FOUNDATION - NORTH END**  
SCALE: 1" = 1'-0"



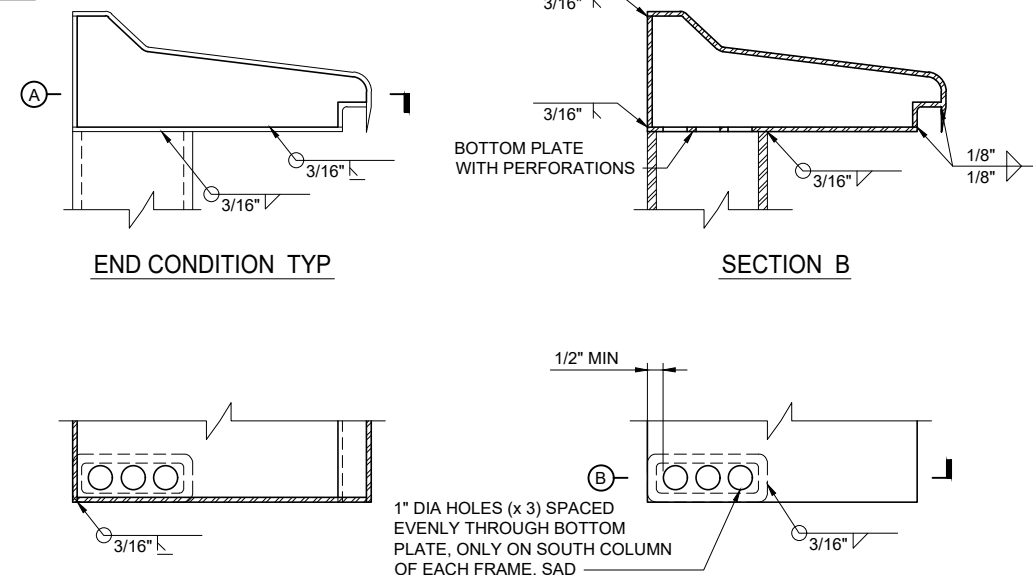
**TYPICAL BASE PLATE**  
SCALE: 3" = 1'-0"



**TYPICAL WATER CHAMBER**  
SCALE: 3" = 1'-0"



**TYPICAL BASIN FOUNDATION - SOUTH END**  
SCALE: 1" = 1'-0"



**TYPICAL WATER CHAMBER WELDS**  
SCALE: 3" = 1'-0"

**GENERAL SHEET NOTES**

- SEE ARCHITECTURAL DRAWINGS FOR ALL ARCHITECTURAL DETAILS AND DESIGN AND FOR PIPING.

**SHEET KEY NOTES**

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

600 - SOLIDS PRETREATMENT

**STRUCTURAL DETAILS**

BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
Brown and Caldwell		ch2m	
PROJECT ENGINEER	D. GREEN	DRAWN	M. MATSUMOTO
PROJECT MANAGER	T. STIGERS	DESIGNED	J. STAFF
APPROVED	P. ENDRES	CHECKED	M. GOODSON
NO.	DATE	DESCRIPTION	BY
REVISIONS			

CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>600-L-20-5008</b>	REVISION NO.

**FOR CONSTRUCTION**

Scope II

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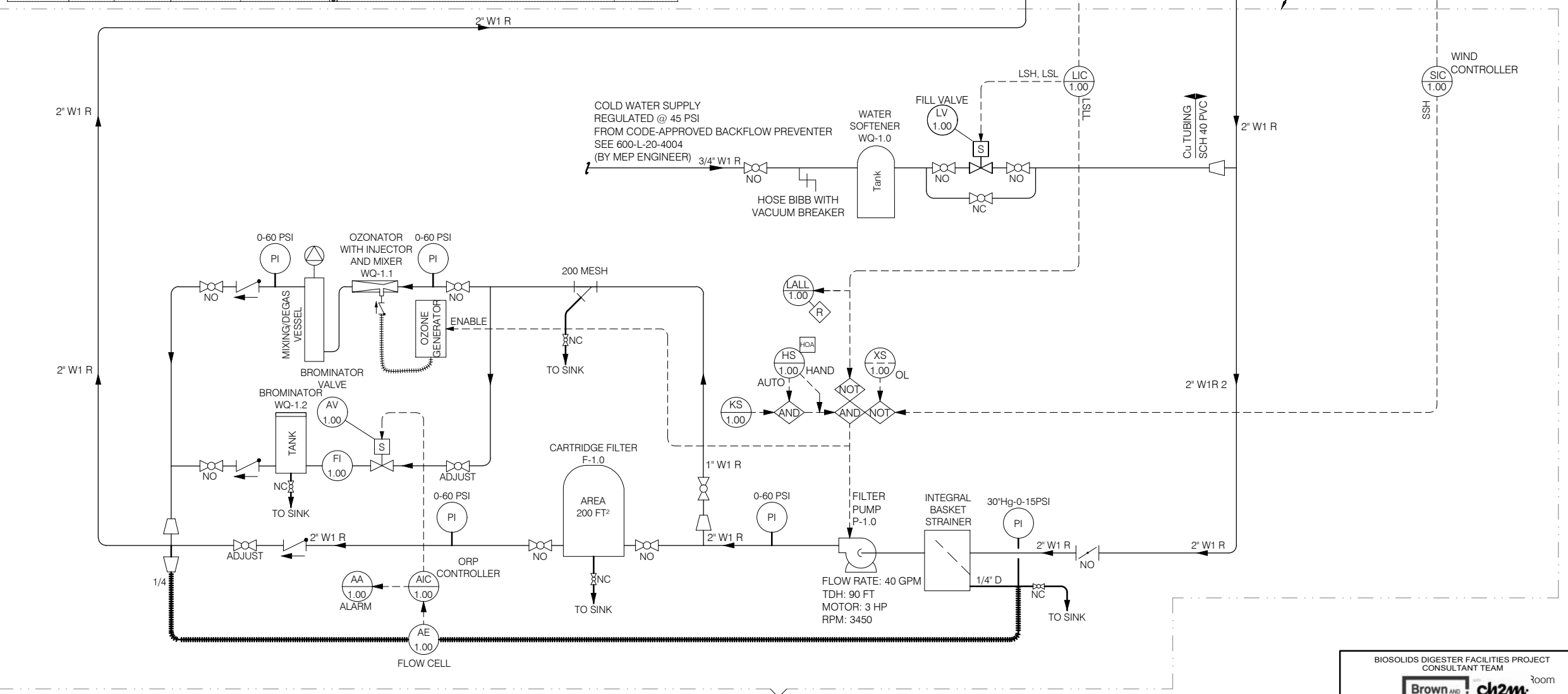
ELEVATION DATUM  
CITY



Waterwall Feature Equipment Schedule						
Equipment Type	Tag Number	Manufacturer	Model Number	Power	Description	Tag
Filter Pump	P-1.0	Pentair	Max-E-ProXF XPK-12	3 Hp, 460 VAC, 4.8 FLA, 60 Hz, 3Φ	Close-coupled end-suction centrifugal pump, 40 gpm @ 90 ft TDH, 3" union connectors, integral basket strainer	61-P-690-01
Cartridge Filter	F-1.0	Pentair	CC200 (160318)	-	Cartridge filter, 15.5" diameter, 200 Sq. Ft. filtration area, single cartridge, 2" connections 1" drain	
Ozonator	WQ-1.1	Del Ozone	Del AOP25 + MDV	120 VAC, 60 Hz, 1Φ, 0.3 A	Ozone generator with UV lamp, 3/4" inlet/outlet, with injector and Mixing/Degas Vessel	
Brominator	WQ-1.2	Pentair	Rainbow HC-3315	-	Bromine tablet feeder, 15 lbs. capacity	
Brominator Valve	AV-1.00	Granzow	H6B19-00Y	120 VAC, 60 Hz	2-way, internally piloted, normally closed solenoid valve, 1" NPT	61-694-01
Chemical Controller	AIC-1.00	Becs Technology	BecSys3	120 VAC, 60 Hz	PH/ORP Controller with flow cell, PH and ORP sensors and cables	61-694-01
Fill Valve	LV-1.00	Granzow	W6D31-000-02	8W, 120 VAC	2-way, slow closing, internally piloted, normally closed solenoid valve, 1" pipe size	61-693-01
Anemometer	ST-1.00	Gill Instruments	WindSonic Option 3	24 VDC	Ultrasonic anemometer with analog outputs, 0-200 ft/s range, 4-20 mA output	61-691-01
Pressure Gauge	-	Ametek	1555 Series	-	Ametek model 1555-171723A, bourdon-tube glycerin-filled pressure gauge, 1/4" NPT, 2-1/2" gauge size, 30"Hg-0-15 psi	
Pressure Gauge	-	Ametek	1557 Series	-	Ametek model 1555-165297 bourdon-tube glycerin-filled pressure gauge, 1/4" NPT, 2-1/2" gauge size, 0-60 psi	
Level Sensor	LSL/LSLL/LSH-1.00	PEM	L104-42	-	Conduit-mounted level sensor, 3 floats, 3/4" NPT connection	61-692-01
Control Panel	CP-1.0	Custom	-	120 VAC, 60 Hz, 1Φ	Custom control panel with circuit breakers, motor controls. Refer to single-line diagram for details	61-FP-690-01
Submersible Lights	-	PEM	C17	9W, 12 VAC	Submersible light fixture, 9W 2700K white, 12VAC	
Low-Voltage Transformer	-	JEFFERSON ELECTRIC	411-0941-055	1000 VA	Low-voltage pool and spa lighting transformer, 1000 VA, 120 V primary, 12, 13, and 14 V secondary,	
Submersible Junction Box	-	PEM	J3	-	Cast-bronze conduit-mounted submersible junction box, 3/4" bottom tap, (8) 1/2" side taps, with cord seals and plugs	
Water Softener	WO-1.0	Culligan	WS-60	100W, 120 VAC	ion exchange water softening system, 20-125 psi operating pressure, 29 gpm continuous flow rate	

**GENERAL SHEET NOTES**

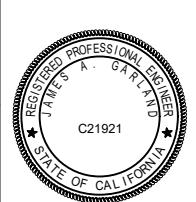
**SHEET KEY NOTES**



**CONTRACT NO. WW-647R**  
 CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU  
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIO-SOLIDS DIGESTER FACILITIES PROJECT**

600 - SOLIDS PRETREATMENT	
WATER FEATURE P&ID	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE O&M MANAGER	SCALE AS SHOWN DATE Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO. <b>600-L-20-6001</b>	DRAWING / FILE NO. REVISION NO.

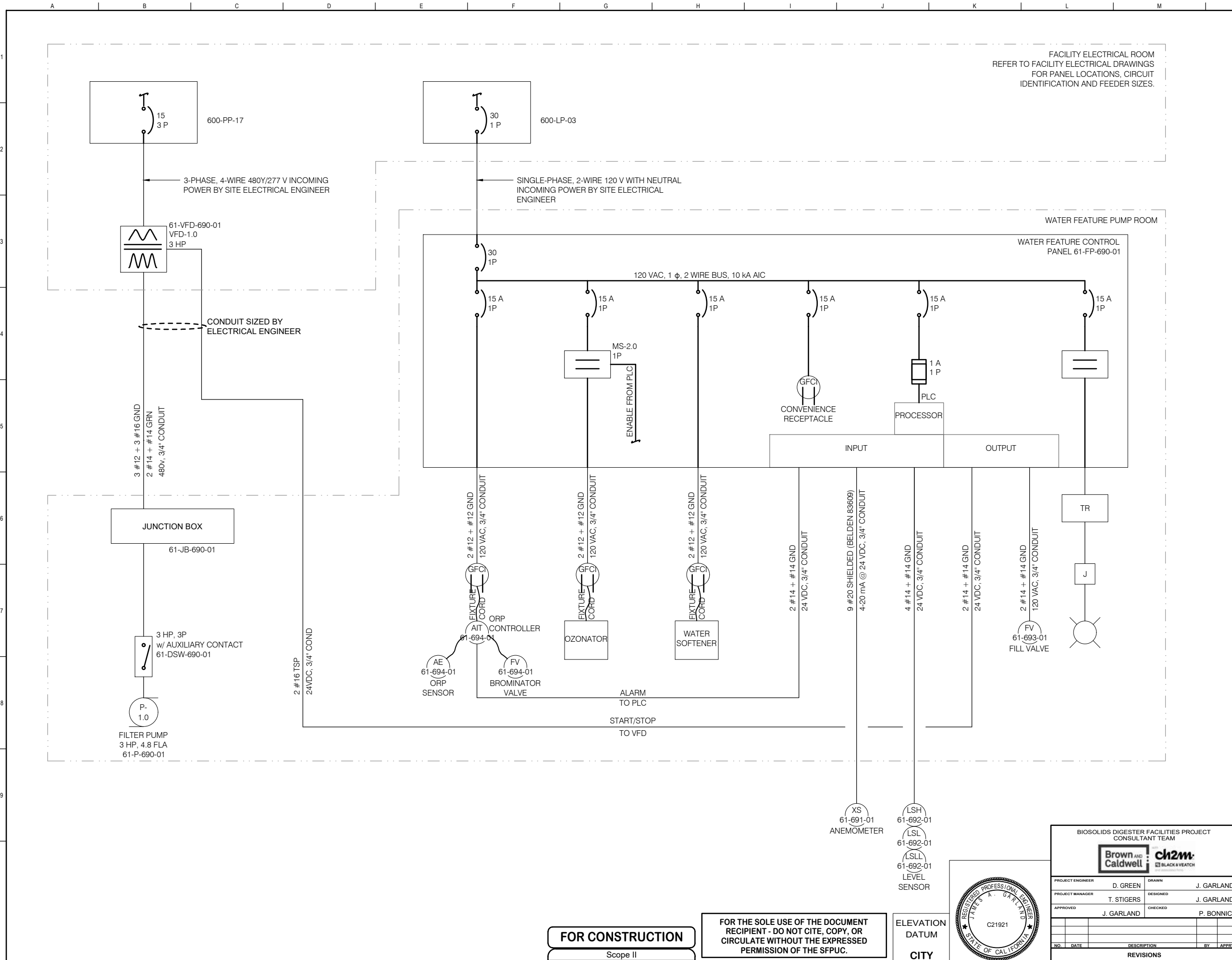
BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM			
PROJECT ENGINEER	D. GREEN	DRAWN	J. GARLAND
PROJECT MANAGER	T. STIGERS	DESIGNED	J. GARLAND
APPROVED	J. GARLAND	CHECKED	P. BONNICI
NO.	DATE	DESCRIPTION	BY
		REVISIONS	APPRD



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**GENERAL SHEET NOTES**

REFER TO FACILITY ELECTRICAL ROOM FOR PANEL LOCATIONS, CIRCUIT IDENTIFICATION AND FEEDER SIZES.

**SHEET KEY NOTES**

CONTRACT NO. WW-647R

CITY AND COUNTY OF SAN FRANCISCO

**PUBLIC UTILITIES COMMISSION**

INFRASTRUCTURE DIVISION

ENGINEERING MANAGEMENT BUREAU

SOUTHEAST WATER POLLUTION CONTROL PLANT

BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT

**WATER FEATURE SINGLE LINE DIAGRAM**

CHECKED / APPROVED

DESIGNED

MANAGER, ENGINEERING MANAGEMENT BUREAU

WWE O&M MANAGER

SCALE AS SHOWN

DATE Oct 1, 2020

APPROVED

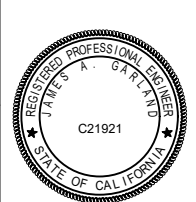
WWE ENGINEERING MANAGER

PROJECT ENGINEER		DRAWN	
D. GREEN		J. GARLAND	
PROJECT MANAGER		DESIGNED	
T. STIGERS		J. GARLAND	
APPROVED		CHECKED	
J. GARLAND		P. BONNICI	
NO.	DATE	DESCRIPTION	BY
REVISIONS			

BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM

**Brown and Caldwell** **ch2m**

BLACK & VEATCH



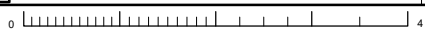
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CITY



**CODE DATA**

CODE REFERENCES ARE FROM 2016 CBC UNLESS OTHERWISE NOTED

**FACILITY: 600 SOLIDS PRETREATMENT**

**GENERAL INFORMATION**

USE AND OCCUPANCY CLASSIFICATION (SECTION 304.1, 306.2, 306.3, 311.3) GROUP F-1 MODERATE HAZARD, F-2 LOW-HAZARD FACTORY INDUSTRIAL, B-BUSINESS, S-2 STORAGE

CONSTRUCTION TYPE (SECTION 602) TYPE IIB, NON-COMBUSTIBLE

**AREA AND HEIGHT LIMITATIONS**

ALLOWABLE ADJUSTMENTS (TABLE 506.2) MIXED OCC CALCS PER FLOOR

BASEMENT (F2)  $\frac{25,064}{69,000} + (F1) \frac{2,868}{69,000} = .36 + .041 < 1$

FIRST (F2)  $\frac{22,151}{69,000} + (F1) \frac{5,065}{69,000} + (S2) \frac{703}{69,000} = .32 + .07 + .01 < 1$

SECOND (F2)  $\frac{25,877}{69,000} + (B) \frac{675}{69,000} + (S2) \frac{844}{69,000} = .38 + .01 + .01 < 1$

THIRD (F2)  $\frac{7,553}{69,000} + (S2) \frac{389}{69,000} = .11 + .01 < 1$

FOURTH (F2)  $\frac{894}{69,000} + (B) \frac{7,554}{69,000} = .01 + .11 < 1$

TOTAL 1.44 < 3 PER 506.2.4

**ACTUAL AREA**

ACTUAL PER FLOOR

BASEMENT 27,813 SF

FIRST 27,879 SF

SECOND 27,992 SF

THIRD 8,098 SF

FOURTH 8,454 SF

TOTAL: 100,236 SF

MAXIMUM ALLOWABLE STORIES (TABLE 504.4 AND SECTION 503) 4

ACTUAL NUMBER OF STORIES 4 + BASEMENT

MAXIMUM ALLOWABLE HEIGHT (TABLE 504.3, SFMC) 75 FT PER CBC / 65 FT TO MIDPOINT OF SLOPED ROOF PER SFMC

ACTUAL HEIGHT 65 FT

**OCCUPANCY / EGRESS INFORMATION**

DESIGN OCCUPANCY (TABLE 1004.1.2, 1006.3.1 & 1006.3.2) NOTE: ALSO MIN. EXITS PER FLOOR

**OCCUPANTS PER FLOOR**

BASEMENT CAL. OCC LOAD 87 MIN. EXITS 2

FIRST 128 2

SECOND 132 2

THIRD 28 2

FOURTH 82 2

TOTAL 457

**EGRESS WIDTH REQUIRED FOR DOORS (SECTION 1010.1.1)** MINIMUM 32" CLEAR WIDTH

**EGRESS WIDTH REQUIRED FOR STAIRS (SECTION 1011.2)** MINIMUM 44", STAIR 1 - 44" STAIR 2 - 36"

ALLOWABLE COMMON PATH OF TRAVEL (TABLE 1006.2.1) 100 FT FOR F-2 & B, S

MAX. TRAVEL DISTANCE ALLOWED (TABLE 1017.2) 400 FT FOR F-2, S-2; 300 FT FOR B; 250 FT FOR F-1

**ACCESSIBILITY**

SPACES SHADED ARE ACCESSIBLE.

LIMITED ACCESS SPACES NOT CUSTOMARILY OCCUPIED AND ACCESSED ONLY BY LADDERS, CATWALKS, CRAWL SPACES, OR VERY NARROW PASSAGEWAYS ARE NOT REQUIRED TO COMPLY WITH ACCESSIBILITY REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE AND ARE EXEMPT FROM CHAPTER 11B REQUIREMENTS PER 11B-203.5

MACHINERY SPACES FREQUENTED ONLY BY SERVICE PERSONNEL FOR MAINTENANCE, REPAIR OR OCCASIONAL MONITORING OF EQUIPMENT ARE NOT REQUIRED TO COMPLY WITH ACCESSIBILITY REQUIREMENTS OR TO BE ON AN ACCESSIBLE ROUTE ARE ARE EXEMPT FROM CHAPTER 11B REQUIREMENTS PER 11B-203.5

**REQUIRED FIRE RESISTANT RATING**

BUILDING ELEMENTS (TABLE 601)

STRUCTURAL FRAME 0 HR

EXTERIOR BEARING WALLS 0 HR

INTERIOR BEARING WALLS 0 HR

INTERIOR NON-BEARING WALLS 0 HR

FLOOR CONSTRUCTION 0 HR

ROOF CONSTRUCTION 0 HR

SHAFT ENCLOSURE (713.4) 2-HR

STAIRWAY ENCLOSURE (1023.2) 2-HR

CORRIDOR (TABLE 1020.1) 0 HR

**OCCUPANCY SEPARATIONS (508.4)**

	B, F-1
F-2	1

ACCESSORY OCCUPANCIES (508.2) S-2, B

**FIRE PROTECTION FEATURE**

FIRE WALL: FIRE RESISTANT RATING (TABLE 706.4) 2 HR FIREWALL BUILDING SEPARATION AT 661 AND PIPE CHASE H

FIRE SEPARATION DISTANCE (TABLE 602)  $x \geq 10 = 0$  HR ALL SIDES

**FIRE PROTECTION SYSTEMS**

MAXIMUM AREA OF EXTERIOR WALL OPENINGS (705.8.1 EXCEPTION 2) UNLIMITED

SPRINKLERS SPRINKLERED WITH EXCEPTIONS

1. WET WELLS ARE NON-OCCUPIED AND NON-SPRINKLERED  
2. ELECTRICAL ROOMS ARE NON-SPRINKLERED AND SEPARATED BY 2-HOUR FIRE BARRIER

FIRE EXTINGUISHERS PROVIDED (SEE AREA PLANS FOR LOCATIONS)

EXIT LIGHTING PROVIDED (SEE ELECTRICAL)

**PLUMBING FIXTURE COUNT (CPC TABLE 422.1, TABLE A)**

OCCUPANCY CPC REQUIRED PROVIDED ACTUAL OCCUPANTS

B = 41 M: 20.5 F: 20.5 WATER CLOSET M: 1 + URINAL F: 2 LAVATORY M: 1 F: 1

F = 46 M: 23 F: 23 WATER CLOSET M: 2 + URINAL F: 3 LAVATORY M: 2 F: 2

S = 3 M: 1.5 F: 1.5 WATER CLOSET M: 1 F: 1 LAVATORY M: 1 F: 1

4 ALL-GENDER RESTROOMS PER SF ORDINANCE 53-16

VISITOR = 35 STAFF = 20

55 TOTAL

**APPLICABLE CODES AND STANDARDS**

- 2016 INTERVENING CALIFORNIA BUILDING CODE INTERVENING CYCLE DATED JULY 1, 2018 WITH SAN FRANCISCO BUILDING CODE AND SFMC AMENDMENTS
- 2016 SAN FRANCISCO FIRE CODE (SFFC)
- 2016 CALIFORNIA PLUMBING CODE (CPC)
- 2016 CALIFORNIA ELECTRICAL CODE (CEC)
- 2016 CALIFORNIA ENERGY CODE
- SAN FRANCISCO MUNICIPAL CODE (SFMC)
- 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)
- 2010 ADA STANDARD
- 2015 NFPA 37 STANDARD FOR INSTALLATION AND USE OF STATIONARY COMBUSTION ENGINES AND GAS TURBINES
- 2016 NFPA 820 STANDARD FOR FIRE PROTECTION IN WASTEWATER TREATMENT AND COLLECTION FACILITIES
- 2016 NFPA 13: STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS
- NFPA 70: NATIONAL ELEC CODE
- 2016 CALIFORNIA MECHANICAL CODE (CMC)
- CALIFORNIA CODE OF REGULATIONS (CCR)
- SAN FRANCISCO ENVIRONMENT CODE

**FOR CONSTRUCTION**  
Scope II

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**ENERGY CODE PRESCRIPTIVE REQUIREMENTS**

PER 2016 BUILDING ENERGY EFFICIENCY STANDARDS, MEASURED FOR CLIMATE ZONE 3

**ENVELOPE TYPE** **MAXIMUM U-FACTOR (PER TABLE 140.3-B)**

EXTERIOR WALL (MASS HEAVY) 0.65

EXTERIOR WALL (METAL FRAMED) 0.082

CURTAIN WALL / STOREFRONT 0.41 MAX U-FACTOR / 0.26 MAX RSHGC / 0.46 MIN VT

FLOORS 0.269

ROOF 0.75 EMITTANCE, AGED SOLAR REFLECTANCE .63

EXTERIOR DOORS 0.7 SWINGING, 1.45 NON SWINGING

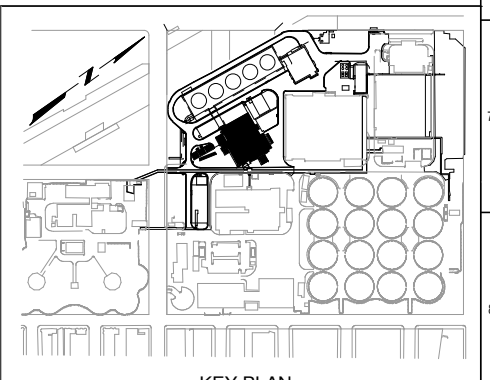
GLAZED DOORS 0.45 MAX U-FACTOR / 0.23 MAX RSHGC / 0.17 MIN VT

FIXED WINDOW 0.36 MAX U-FACTOR / 0.25 MAX RSHGC / 0.42 MIN VT

SKYLIGHT (CURB MOUNTED) 0.58 MAX U-FACTOR / 0.25 MAX SHGC / 0.49 MIN VT

**HAZARDOUS MATERIALS LIST**

CHEMICAL	CAS #	HAZARD TYPE	QUANTITY STORED	ALLOWABLE QUANTITY PER CBC CHAPTER 4 CBC CHAPTER 3 TABLE 307.1	NOTE
ADIPIC ACID	124-04-9	IRRITANT	56,000 LBS	UNLIMITED	<2.5% CONCENTRATION
SULFAMIC ACID	5329-14-6	IRRITANT	56,000 LBS	UNLIMITED	<2.5% CONCENTRATION
FERRIC CHLORIDE	74-82-8	CORROSIVE LIQUID	SEE NOTE	2,000 LBS	INTERIOR CONVEYED



KEY PLAN

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU

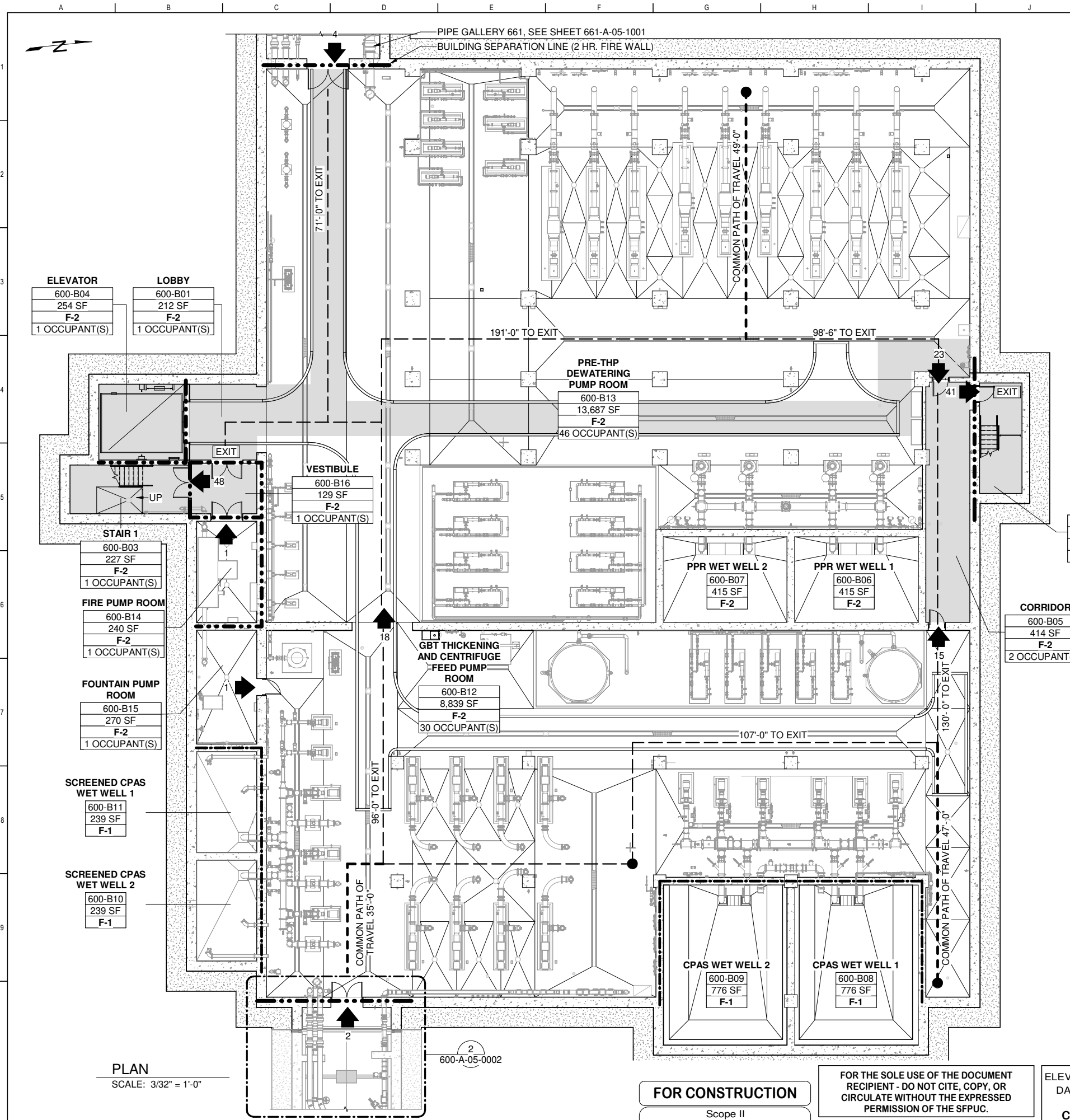
**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
BIOSOLIDS DIGESTER FACILITIES PROJECT

600 - SOLIDS PRETREATMENT

**CODE OVERVIEW**

BIOSOLIDS DIGESTER FACILITIES PROJECT CONSULTANT TEAM				
PROJECT ENGINEER	DESIGNED	PROJECT MANAGER	CHECKED	
D. GREEN	A. HARM	T. STIGERS	D. ELLIOT	
J. MCGRAW	G. ROBLEY			
NO.	DATE	DESCRIPTION	BY	APPROV.
		REVISIONS		

CHECKED / APPROVED	DRAWN	
SECTION MANAGER	DESIGNED	
WWW O&M MANAGER	SCALE AS SHOWN	DATE
		Oct 1, 2020
APPROVED	APPROVED	
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWW ENGINEERING MANAGER	
PLAN NO.	DRAWING / FILE NO.	REVISION
<b>600-A-05-0001</b>		



### LEGEND

OCCUPANT LOAD: ## → EXIT  
 1 HR RATED FIRE WALL: — OR FIRE BARRIER —  
 2 HR RATED FIRE WALL: - - - OR FIRE BARRIER - - -  
 CBC IIB ACCESSIBLE SPACE, COMMON USE CIRCULATION AND EMPLOYEE WORKING AREAS: [Shaded Area]

REMOTE POINT (BEGIN EGRESS): ●  
 PATH OF TRAVEL: - - -  
 COMMON PATH OF TRAVEL: - - -  
 BUILDING SEPARATION: - · - · -

**ROOM TAG**  
 SPT-B02 → ROOM NUMBER  
 334 SF → SQUARE FOOTAGE  
 F-2 → OCCUPANT CLASSIFICATION  
 34 OCCUPANT(S) → NUMBER OF OCCUPANTS

### GENERAL NOTES

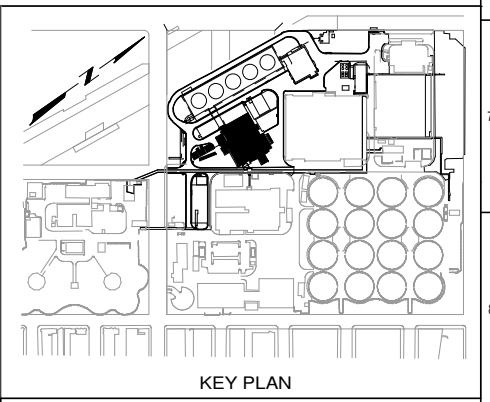
ALL FLOOR CROSS SLOPES FOR DRAINAGE ARE 2% MAXIMUM

SPACE	ROOM NUMBER	SQUARE FOOTAGE	GROUP	FUNCTION OF SPACE	OCCUPANCY		MINIMUM NUMBER OF EXIT DOORS
					OCCUPANT LOAD FACTOR	OCCUPANT LOAD	
LOBBY	600-B01	212 SF	F-2	CIRCULATION	300 SF	1	1
STAIR 2	600-B02	185 SF	F-2	CIRCULATION	300 SF	1	1
STAIR 1	600-B03	227 SF	F-2	CIRCULATION	300 SF	1	1
ELEVATOR	600-B04	254 SF	F-2	CIRCULATION	300 SF	1	1
CORRIDOR	600-B05	414 SF	F-2	CIRCULATION	300 SF	2	1
PPR WET WELL 1	600-B06	415 SF	F-2	UTILITY			-
PPR WET WELL 2	600-B07	415 SF	F-2	UTILITY			-
CPAS WET WELL 1	600-B08	776 SF	F-1	UTILITY			-
CPAS WET WELL 2	600-B09	776 SF	F-1	UTILITY			-
SCREENED CPAS WET WELL 2	600-B10	239 SF	F-1	UTILITY			-
SCREENED CPAS WET WELL 1	600-B11	239 SF	F-1	UTILITY			-
GBT THICKENING AND CENTRIFUGE FEED PUMP ROOM	600-B12	8,839 SF	F-2	MECH EQUIP	300 SF	30	2
PRE-THP DEWATERING PUMP ROOM	600-B13	13,687 SF	F-2	MECH EQUIP	300 SF	46	2
FIRE PUMP ROOM	600-B14	240 SF	F-2	MECH EQUIP	300 SF	1	1
FOUNTAIN PUMP ROOM	600-B15	270 SF	F-2	MECH EQUIP	300 SF	1	1
VESTIBULE	600-B16	129 SF	F-2	CIRCULATION	300 SF	1	1
PIPE CHASE 'H'	600-B101	498 SF	F-2	MECH EQUIP	300 SF	2	
<b>TOTAL:</b>		<b>27,813 SF</b>				<b>87</b>	

**STAIR 2**  
600-B02  
185 SF  
F-2  
1 OCCUPANT(S)

**CORRIDOR**  
600-B05  
414 SF  
F-2  
2 OCCUPANT(S)

**PIPE CHASE 'H' PLAN**  
600-A-05-0002 SCALE: 3/32" = 1'-0"



**CONTRACT NO. WW-647R**  
CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
INFRASTRUCTURE DIVISION  
ENGINEERING MANAGEMENT BUREAU  
SOUTHEAST WATER POLLUTION CONTROL PLANT  
BIOSOLIDS DIGESTER FACILITIES PROJECT  
600 - SOLIDS PRETREATMENT  
**CODE REVIEW BASEMENT PLAN**

BIOSOLIDS DIGESTER FACILITIES PROJECT  
CONSULTANT TEAM

PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	D. ELLIOT
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY

LICENSED ARCHITECT  
 JEFFREY J. MCGRAW  
 No. C-24100  
 Exp. 02-28-2021  
 STATE OF CALIFORNIA

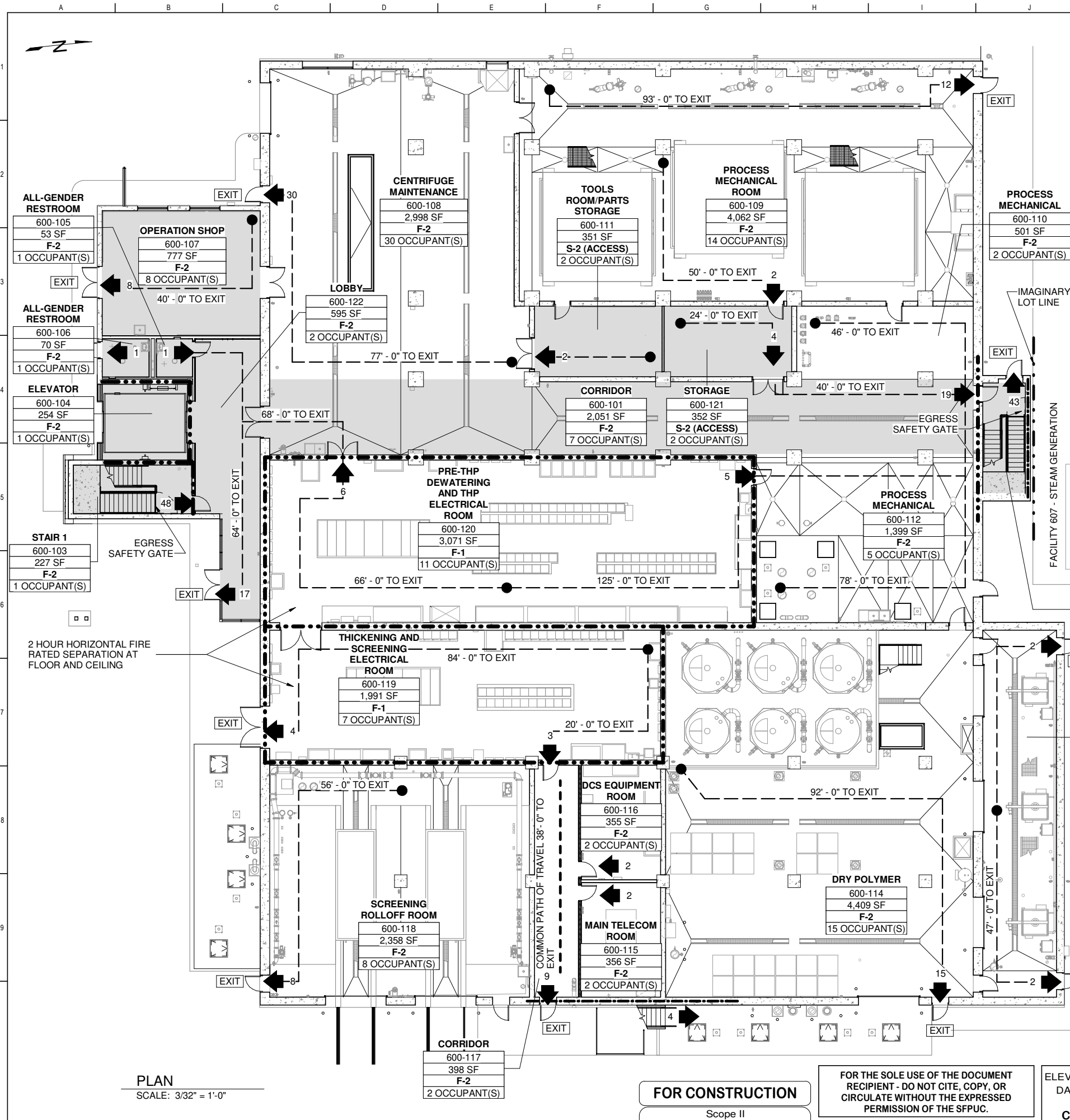
NO.	DATE	DESCRIPTION	BY	APPROV.
REVISIONS				

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SECTION MANAGER	DESIGNED
WWW O&M MANAGER	SCALE AS SHOWN
DATE	Oct 1, 2020
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	WWW ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
<b>600-A-05-0002</b>	
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### LEGEND

OCCUPANT LOAD ## EXIT  
 1 HR RATED FIRE WALL OR FIRE BARRIER  
 2 HR RATED FIRE WALL OR FIRE BARRIER  
 CBC IIB ACCESSIBLE SPACE, COMMON USE CIRCULATION AND EMPLOYEE WORKING AREAS

REMOTE POINT (BEGIN EGRESS) ●  
 PATH OF TRAVEL   
 COMMON PATH OF TRAVEL   
 BUILDING SEPARATION

**ROOM TAG**  
 SPT-B02 ROOM NUMBER  
 334 SF SQUARE FOOTAGE  
 F-2 OCCUPANT CLASSIFICATION  
 34 OCCUPANT(S) NUMBER OF OCCUPANTS

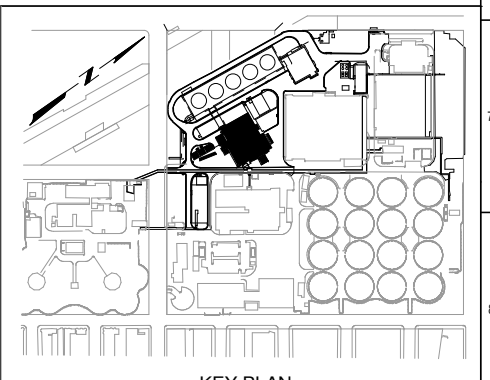
### GENERAL NOTES

ALL FLOOR CROSS SLOPES FOR DRAINAGE ARE 2% MAXIMUM

SPACE	ROOM NUMBER	SQUARE FOOTAGE	GROUP	FUNCTION OF SPACE	OCCUPANCY		
					OCCUPANT LOAD FACTOR	OCCUPANT LOAD	MINIMUM NUMBER OF EXIT DOORS
CORRIDOR	600-101	2,051 SF	F-2	CIRCULATION	300 SF	7	1
STAIR 2	600-102	189 SF	F-2	CIRCULATION	300 SF	1	1
STAIR 1	600-103	227 SF	F-2	CIRCULATION	300 SF	1	1
ELEVATOR	600-104	254 SF	F-2	CIRCULATION	300 SF	1	1
ALL-GENDER RESTROOM	600-105	53 SF	F-2	MECH EQUIP	300 SF	1	1
ALL-GENDER RESTROOM	600-106	70 SF	F-2	MECH EQUIP	300 SF	1	1
OPERATION SHOP	600-107	777 SF	F-2	INDUSTRIAL	100 SF	8	1
CENTRIFUGE MAINTENANCE	600-108	2,998 SF	F-2	INDUSTRIAL	100 SF	30	1
PROCESS MECHANICAL ROOM	600-109	4,062 SF	F-2	MECH EQUIP	300 SF	14	1
PROCESS MECHANICAL	600-110	501 SF	F-2	MECH EQUIP	300 SF	2	1
TOOLS ROOM/PARTS STORAGE	600-111	351 SF	S-2 (ACCESS)	STORAGE	300 SF	2	1
PROCESS MECHANICAL	600-112	1,399 SF	F-2	MECH EQUIP	300 SF	5	1
POLYMER WETTING	600-113	1,062 SF	F-2	MECH EQUIP	300 SF	4	1
DRY POLYMER	600-114	4,409 SF	F-2	MECH EQUIP	300 SF	15	1
MAIN TELECOM ROOM	600-115	356 SF	F-2	INDUSTRIAL	300 SF	2	1
DCS EQUIPMENT ROOM	600-116	355 SF	F-2	INDUSTRIAL	300 SF	2	1
CORRIDOR	600-117	398 SF	F-2	CIRCULATION	300 SF	2	1
SCREENING ROLLOFF ROOM	600-118	2,358 SF	F-2	MECH EQUIP	300 SF	8	1
THICKENING AND SCREENING ELECTRICAL ROOM	600-119	1,991 SF	F-1	MECH EQUIP	300 SF	7	2
PRE-THP DEWATERING AND THP ELECTRICAL ROOM	600-120	3,071 SF	F-1	MECH EQUIP	300 SF	11	2
STORAGE	600-121	352 SF	S-2 (ACCESS)	STORAGE	300 SF	2	1
LOBBY	600-122	595 SF	F-2	CIRCULATION	300 SF	2	-
<b>TOTAL:</b>		<b>27,879 SF</b>				<b>128</b>	

**STAIR 2**  
 600-102  
 189 SF  
 F-2  
 1 OCCUPANT(S)

**POLYMER WETTING**  
 600-113  
 1,062 SF  
 F-2  
 4 OCCUPANT(S)



KEY PLAN

**CONTRACT NO. WW-647R**

CITY AND COUNTY OF SAN FRANCISCO  
**PUBLIC UTILITIES COMMISSION**  
 INFRASTRUCTURE DIVISION  
 ENGINEERING MANAGEMENT BUREAU

**SOUTHEAST WATER POLLUTION CONTROL PLANT**  
**BIOSOLIDS DIGESTER FACILITIES PROJECT**

600 - SOLIDS PRETREATMENT

**CODE REVIEW FIRST FLOOR PLAN**

**PLAN**  
 SCALE: 3/32" = 1'-0"

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ELEVATION DATUM  
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BIOSOLIDS DIGESTER FACILITIES PROJECT  
 CONSULTANT TEAM

**Brown and Caldwell** **ch2m**  
 BLACK & VEATCH

PROJECT ENGINEER	D. GREEN	DRAWN	A. HARM
PROJECT MANAGER	T. STIGERS	DESIGNED	D. ELLIOT
APPROVED	J. MCGRAW	CHECKED	G. ROBLEY

CHECKED / APPROVED	DRAWN
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<b>600-A-05-0003</b>	REVISION