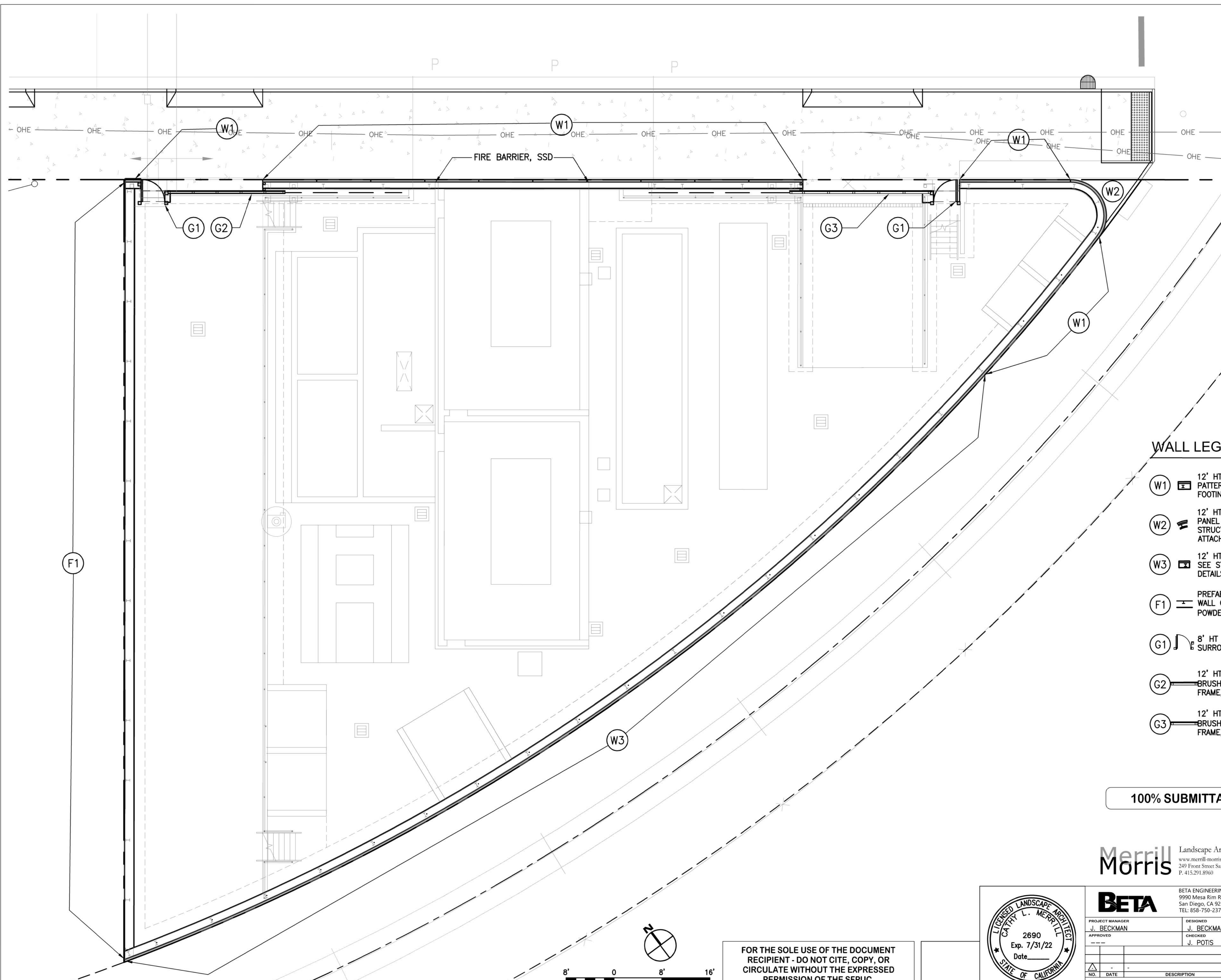


KEY MAP
SCALE: N.T.S.



WALL LEGEND:

- W1 12' HT x 10' WIDE PRECAST CONCRETE PANEL WITH CUSTOM PATTERN FROM GRAPHIC CONCRETE. SEE STRUCTURAL DWGS FOR FOOTING, POSTS, BEAMS AND ATTACHED DETAILS D
A-1005
- W2 12' HT x 7' WIDE RADIUS CORNER PRECAST CONCRETE PANEL WITH CUSTOM PATTERN FROM GRAPHIC CONCRETE. SEE STRUCTURAL DWGS FOR FOOTING, POSTS, BEAMS AND ATTACHED DETAILS D
A-1002
- W3 12' HT PRECAST CONCRETE PANEL WITH STANDARD FINISH SEE STRUCTURAL DWGS FOR FOOTING, POSTS, BEAMS AND ATTACHED DETAILS D
A-1002
- F1 PREFABRICATED METAL FENCE. HEIGHT TO MATCH ADJACENT WALL ON EITHER END. POWDERCOAT COLOR: TO MATCH LANDSCAPE FORMS "STEEL" C
A-1002
- G1 8' HT ALUMINUM PANEL PEDESTRIAN GATE AND PANEL SURROUND, NON-DIRECTIONAL BRUSHED FINISH D
A-1003
- G2 12' HT ALUMINUM PANEL VEHICULAR SLIDING GATE, NON-DIRECTIONAL BRUSHED FINISH. REFER TO DESIGN/BUILD FABRICATOR FOR STEEL FRAME, PANEL ATTACHMENTS, AND OPENER SPECIFICATIONS B
A-1004
- G3 12' HT ALUMINUM PANEL VEHICULAR SLIDING GATE, NON-DIRECTIONAL BRUSHED FINISH. REFER TO DESIGN/BUILD FABRICATOR FOR STEEL FRAME, PANEL ATTACHMENTS, AND OPENER SPECIFICATIONS A
A-1004

100% SUBMITTAL

NOT FOR CONSTRUCTION

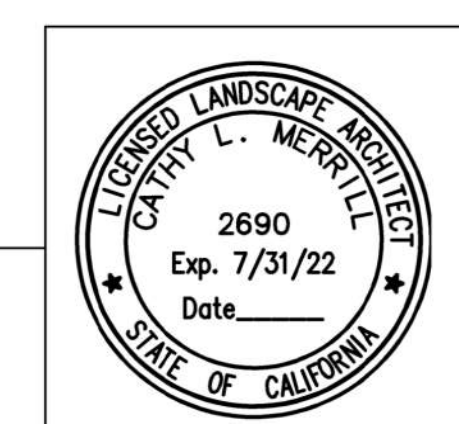
CONTRACT NO. DB-130

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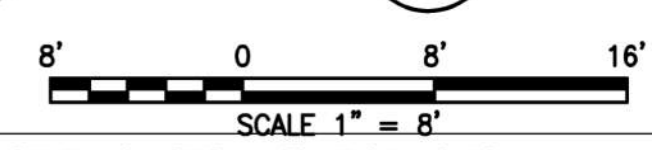
PERIMETER WALL PLAN

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P: 415.291.8960

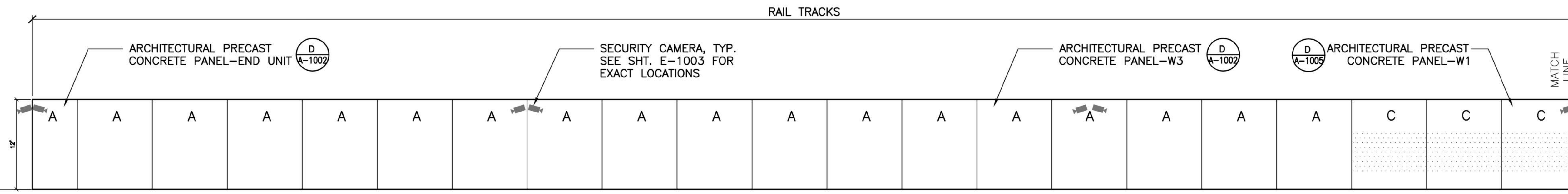
BETA		BETA ENGINEERING 9990 Mesa Rim Rd., Ste 150 San Diego, CA 92121 TEL: 858-750-2370 FAX: 858-750-2375	
PROJECT MANAGER J. BECKMAN	DESIGNED J. BECKMAN	CHECKED J. POTIS	APPROVED
NO. DATE DESCRIPTION		BY	APPRD
REVISIONS			



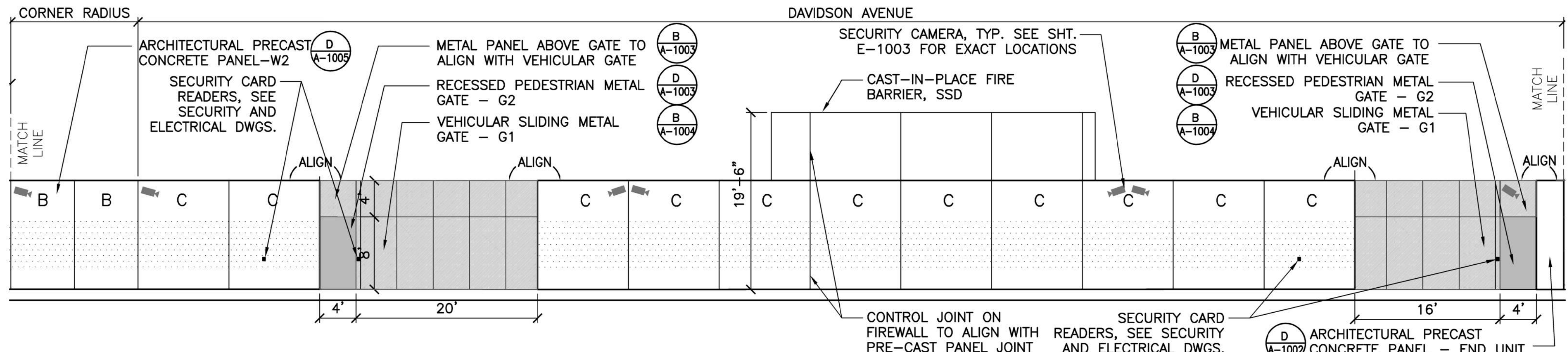
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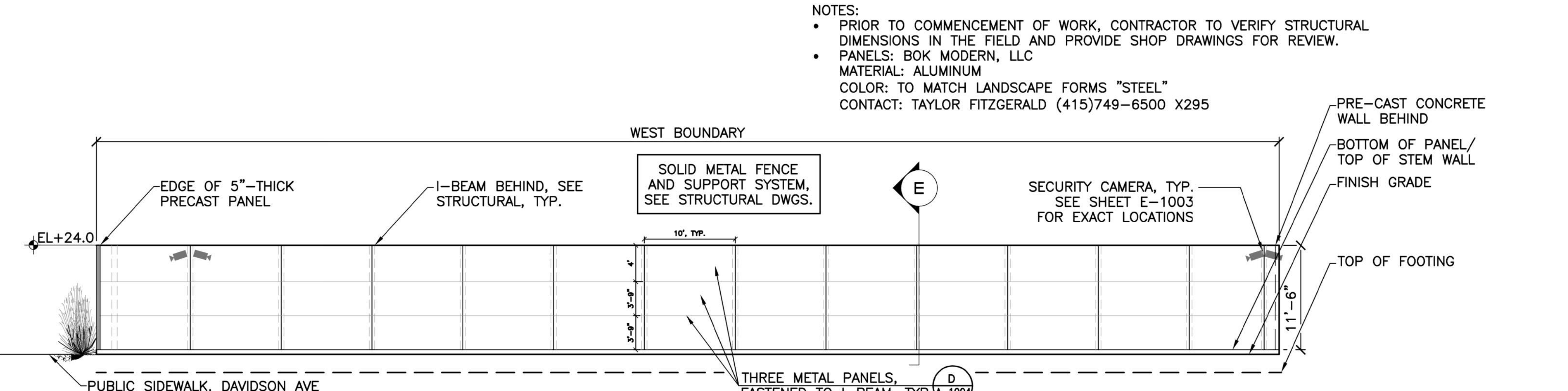
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A CONCRETE PANELS— EAST WALL ELEVATION



B CONCRETE PANELS AND VEHICULAR AND PEDESTRIAN GATES— NORTH WALL ELEVATION

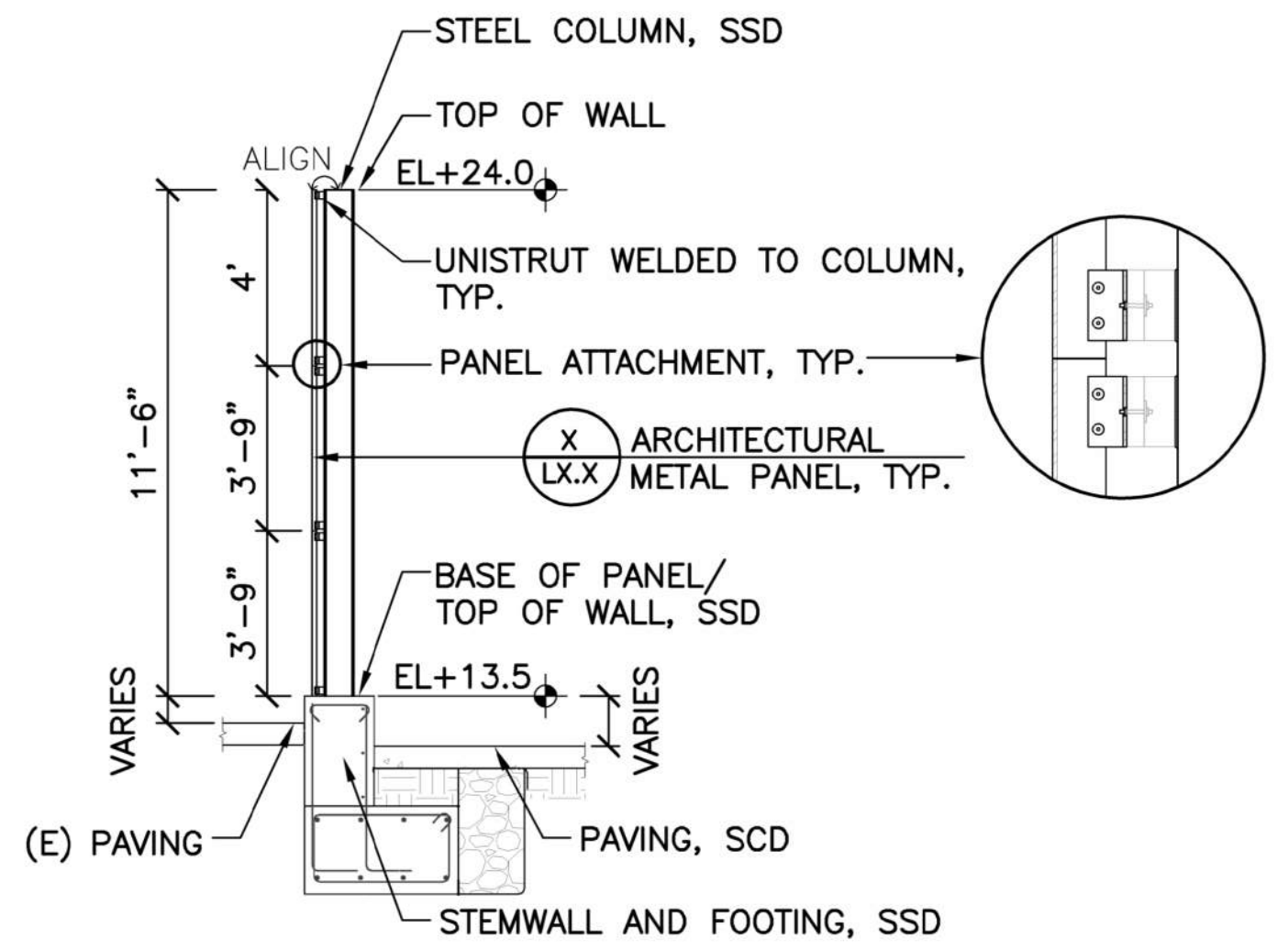


C BOK PANEL WALL — UNWRAPPED WEST WALL ELEVATION

PRECAST CONCRETE WALL PANEL SCHEDULE					
PANEL	NO.	WIDTH	HEIGHT	THICKNESS	FEATURES
A	17	10'	12'	5"	—
B	2	7'	12'	5"	RADIUS, EXPOSED AGGREGATE (GRAPHIC CONCRETE) PATTERN
C	14	10'	12'	5"	EXPOSED AGGREGATE (GRAPHIC CONCRETE) PATTERN
END UNITS	2	VARIES, MIN 2'	12'	5"	SPECIAL CORNER UNITS TO FIT FINAL DIMENSIONS

NOTE: ALL DIMENSIONS ARE APPROXIMATE AND INDICATIVE OF DESIGN INTENT. ATTACHMENTS TO BE CONCEALED, TO MANUFACTURER'S DESIGN. SEE STRUCTURAL DWGS FOR SUPPORTING FRAME AND CIP FIREWALL.

D PRECAST CONCRETE WALL SCHEDULE



E WEST WALL SECTION
1/4" = 1'-0"

- NOTES:
- PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR TO VERIFY STRUCTURAL DIMENSIONS IN THE FIELD AND PROVIDE SHOP DRAWINGS FOR REVIEW.
 - PANELS: BOK MODERN, LLC
MATERIAL: ALUMINUM
COLOR: TO MATCH LANDSCAPE FORMS "STEEL"
CONTACT: TAYLOR FITZGERALD (415)749-6500 X295

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PERIMETER WALL AND
METAL GATE ELEVATIONS

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TEL: 858-750-2370 FAX: 858-750-2375

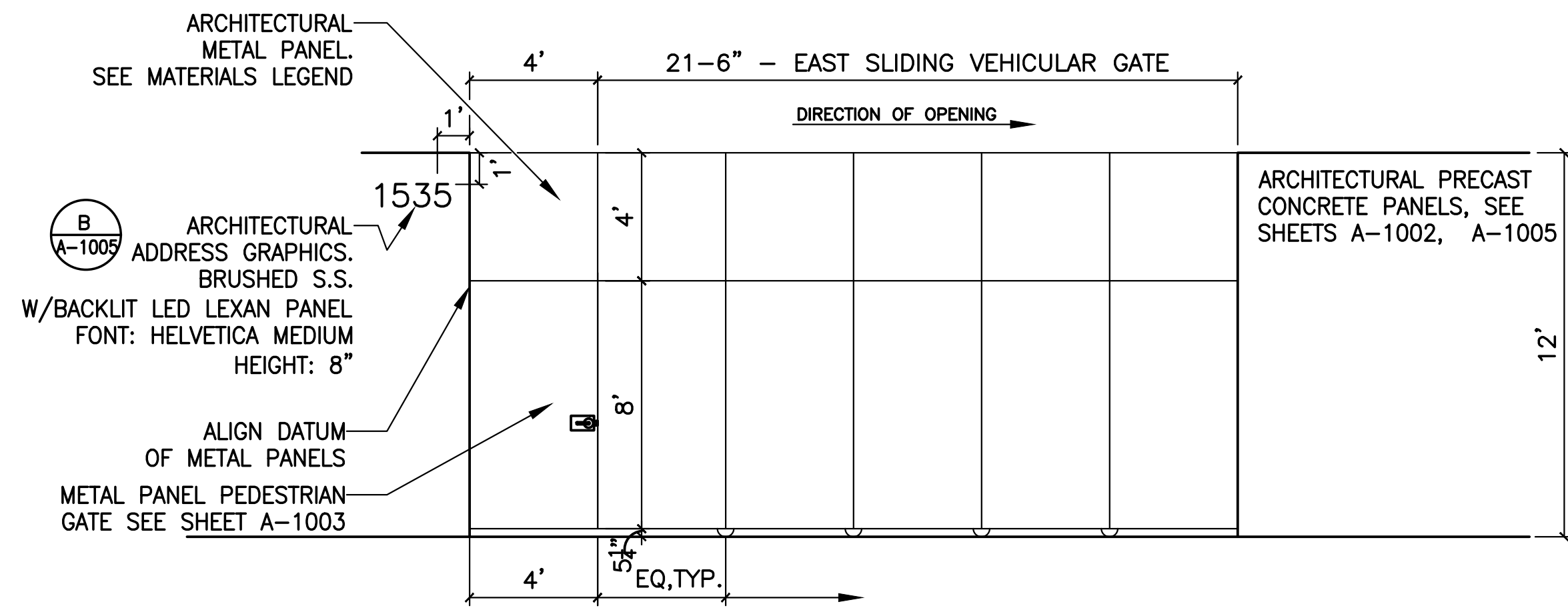


PROJECT MANAGER: J. BECKMAN
DESIGNED: J. BECKMAN
APPROVED: J. POTIS

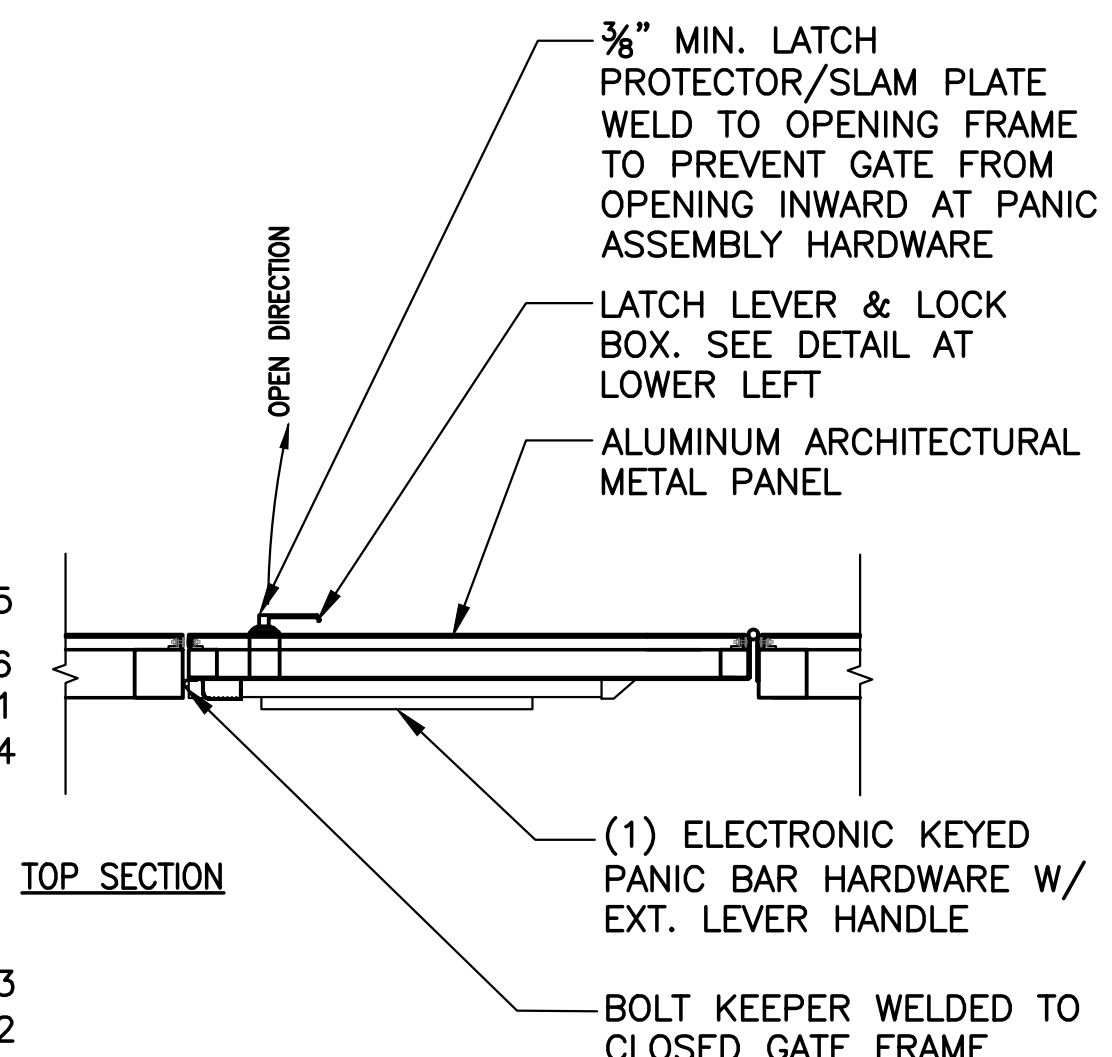
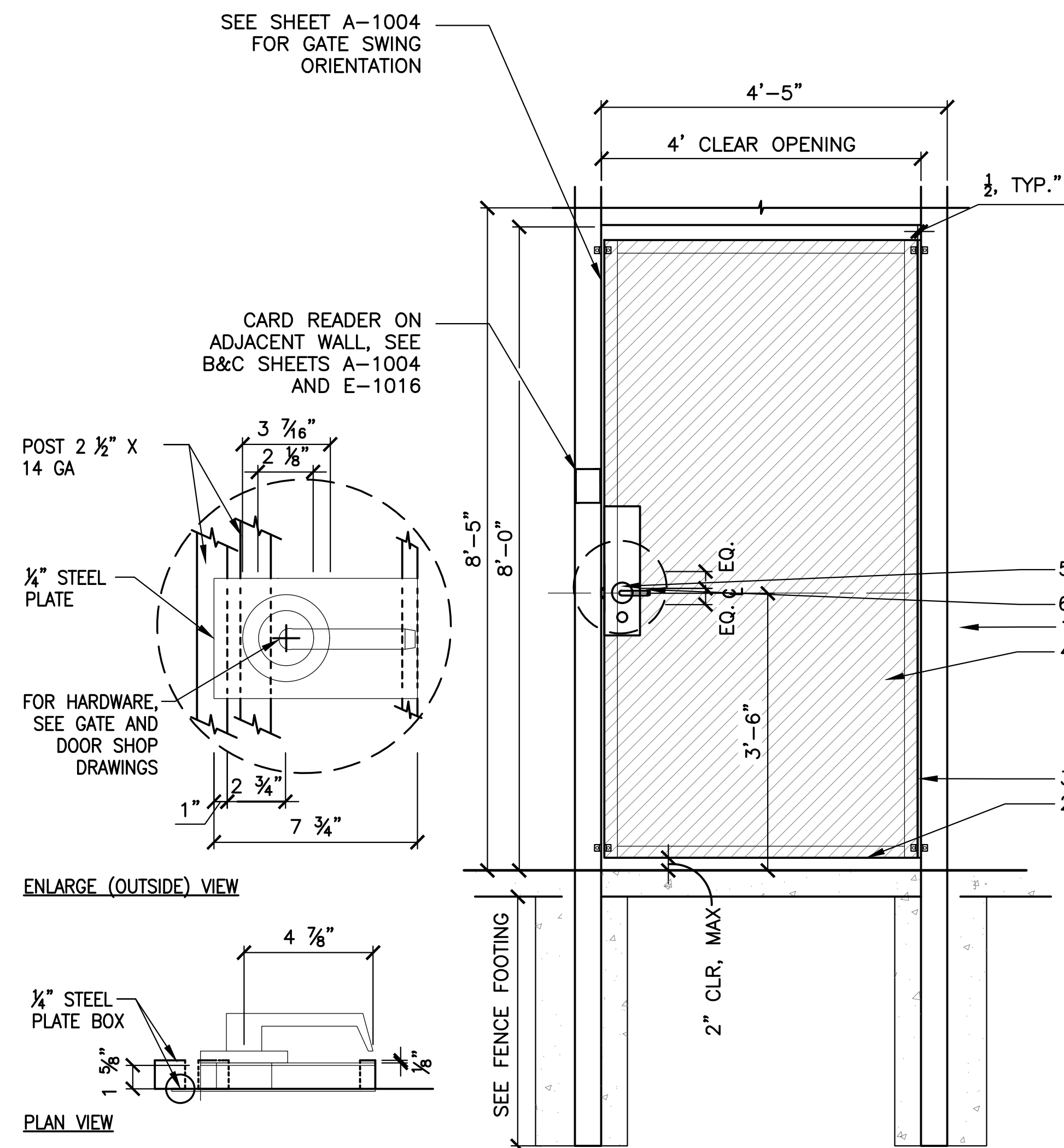
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DRAWN: [Signature]
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DESIGNED: [Signature]
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DATE: ---/---/---
APPROVED: [Signature]

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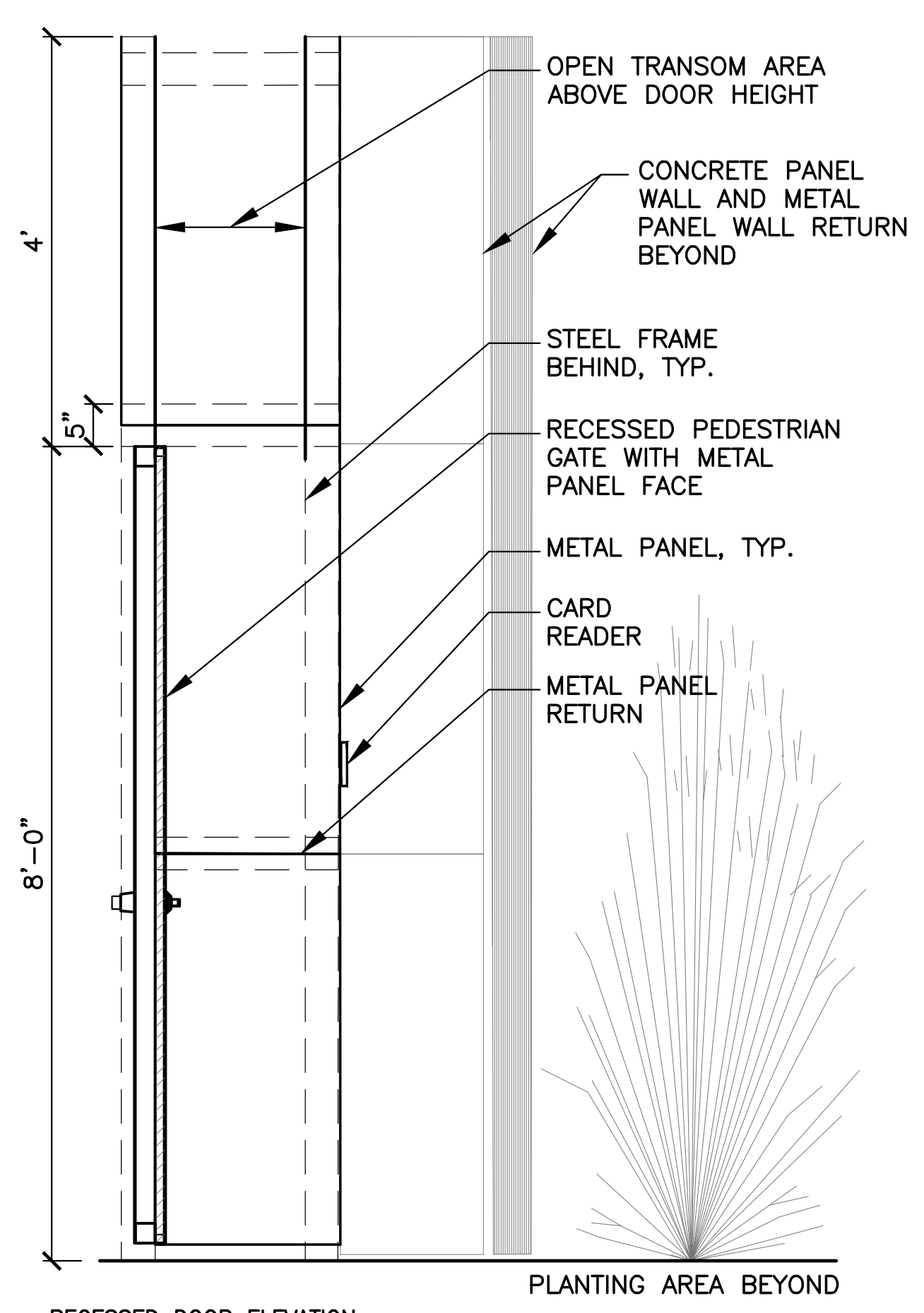
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B EAST GATE ELEVATION
SCALE: 1/2"=1'



- # DESCRIPTION
- GATE POST PER SCHEDULE
 - FLUSH BOTTOM.
 - CONTINUOUS HEAVY-DUTY HINGE
 - ALUMINUM ARCHITECTURAL METAL PANEL. NON-DIRECTIONAL BRUSH FINISH.
 - KEYED ENTRY HANDLE
 - OPENING HARDWARE SHALL BE LOCATED NO LOWER THAN 42" AND NO HIGHER THAN 44" ABOVE DECK F.G.
 - SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL. FABRICATOR: A&D AUTOMATIC GATE AND ACCESS, 810 WARRINGTON AVE, REDWOOD CITY, CA 94063, (650) 365-8828
 - SEE STRUCTURAL DRAWINGS FOR FOOTINGS.



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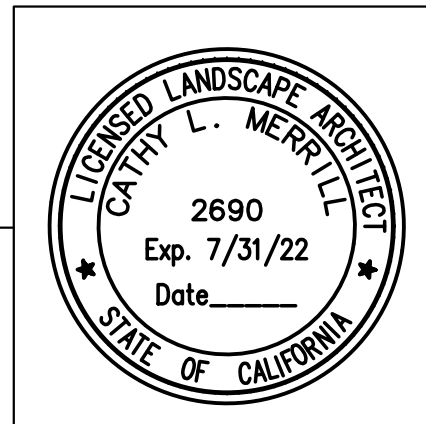
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SITE AND PERIMETER WALL SECTIONS

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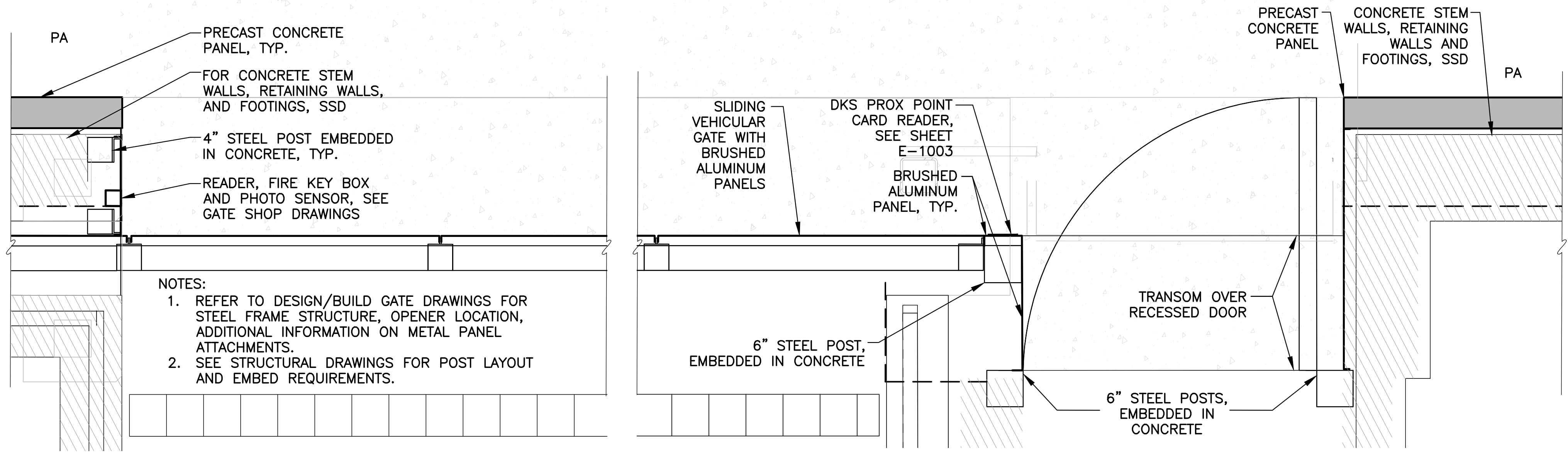
BETA ENGINEERING 9990 Mesa Rim Rd., Ste 150 San Diego, CA 92121 TEL: 858-750-2370 FAX: 858-750-2375	
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NO.	DATE
DESCRIPTION	BY
APPROVED	APPROVED
REVISIONS	



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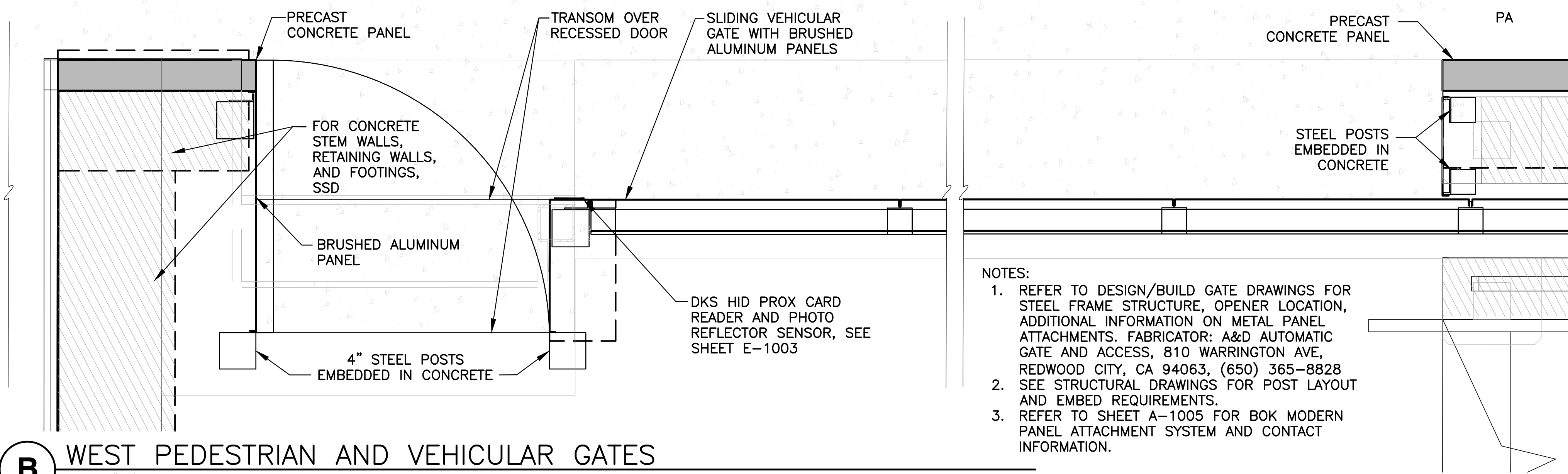
D PEDESTRIAN GATES
SCALE: 3/4"=1'

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SECTION MANAGER	DESIGNED
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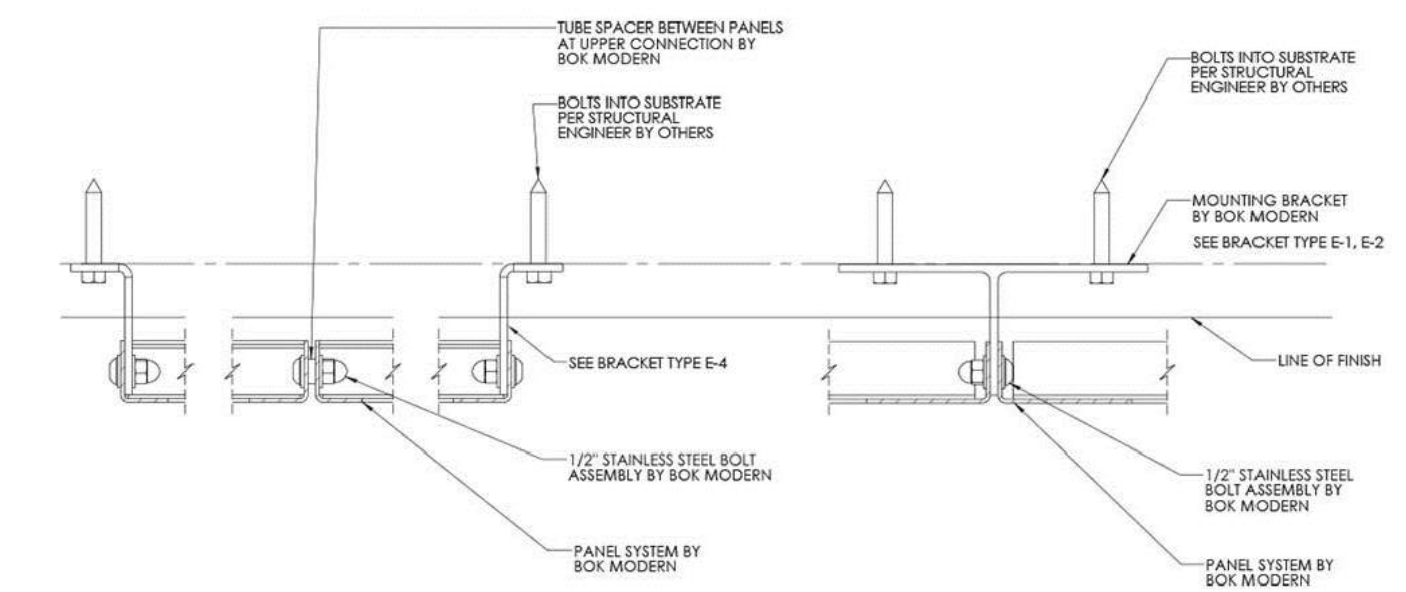
NOTES:
 1. REFER TO DESIGN/BUILD GATE DRAWINGS FOR STEEL FRAME STRUCTURE, OPENER LOCATION, ADDITIONAL INFORMATION ON METAL PANEL ATTACHMENTS.
 2. SEE STRUCTURAL DRAWINGS FOR POST LAYOUT AND EMBED REQUIREMENTS.

A EAST PEDESTRIAN AND VEHICULAR GATES
 SCALE: 1"=1'



NOTES:
 1. REFER TO DESIGN/BUILD GATE DRAWINGS FOR STEEL FRAME STRUCTURE, OPENER LOCATION, ADDITIONAL INFORMATION ON METAL PANEL ATTACHMENTS. FABRICATOR: A&D AUTOMATIC GATE AND ACCESS, 810 WARRINGTON AVE, REDWOOD CITY, CA 94063, (650) 365-8828
 2. SEE STRUCTURAL DRAWINGS FOR POST LAYOUT AND EMBED REQUIREMENTS.
 3. REFER TO SHEET A-1005 FOR BOK MODERN PANEL ATTACHMENT SYSTEM AND CONTACT INFORMATION.

B WEST PEDESTRIAN AND VEHICULAR GATES
 SCALE: 1"=1'



NOTE:
 1. REFER TO DESIGN/BUILD GATE DRAWINGS FOR ADDITIONAL INFORMATION ON METAL PANEL ATTACHMENTS.

C METAL PANEL ATTACHMENT
 SCALE: NTS

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CONTRACT NO. DB-130

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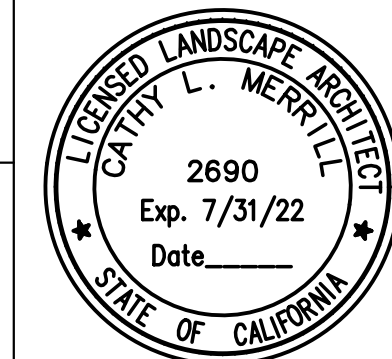
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MOTORIZED SLIDING GATE AND
 PERSONNEL GATE DETAILS

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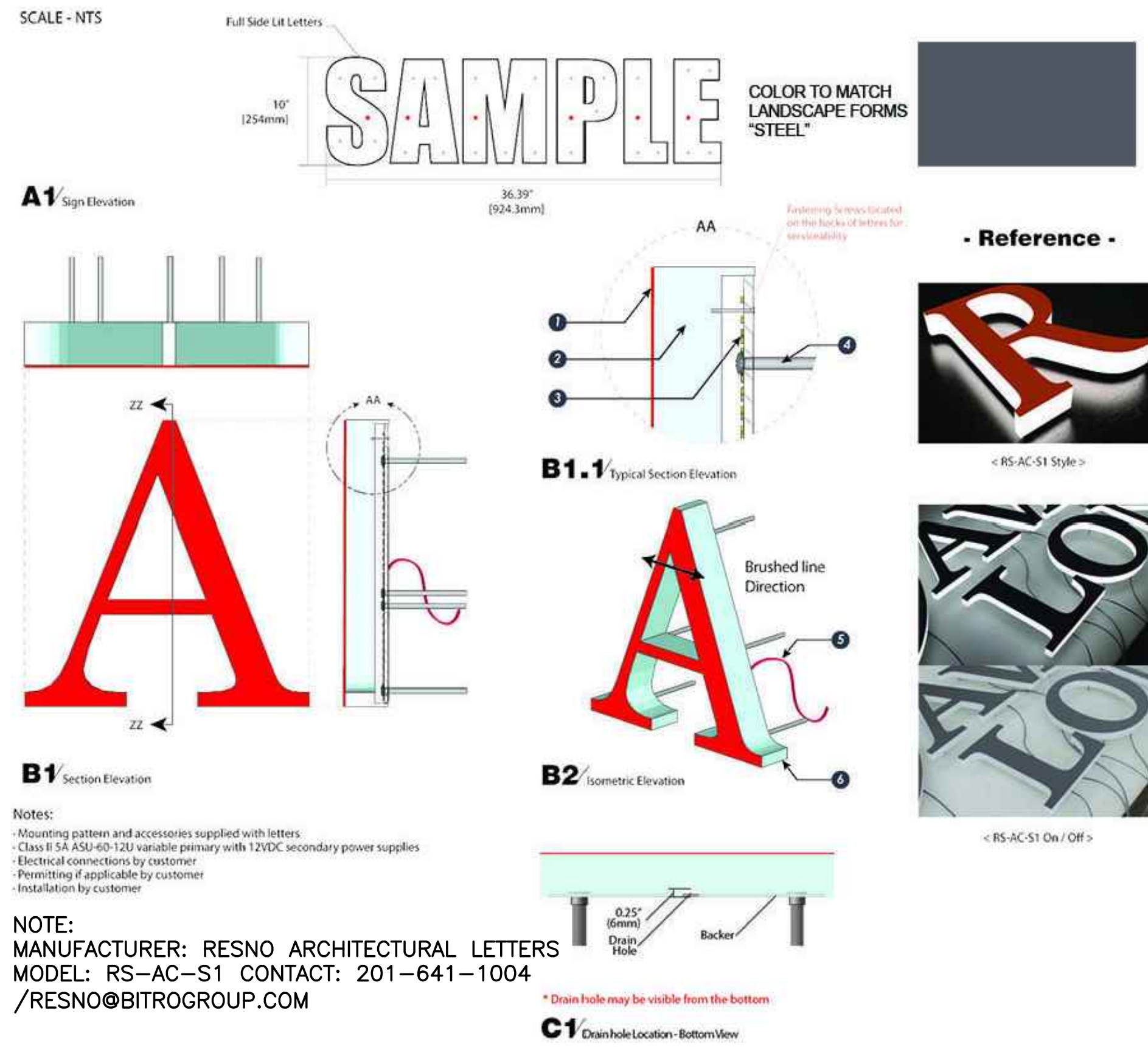


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 DESIGNED: J. BECKMAN
 APPROVED: J. POTIS

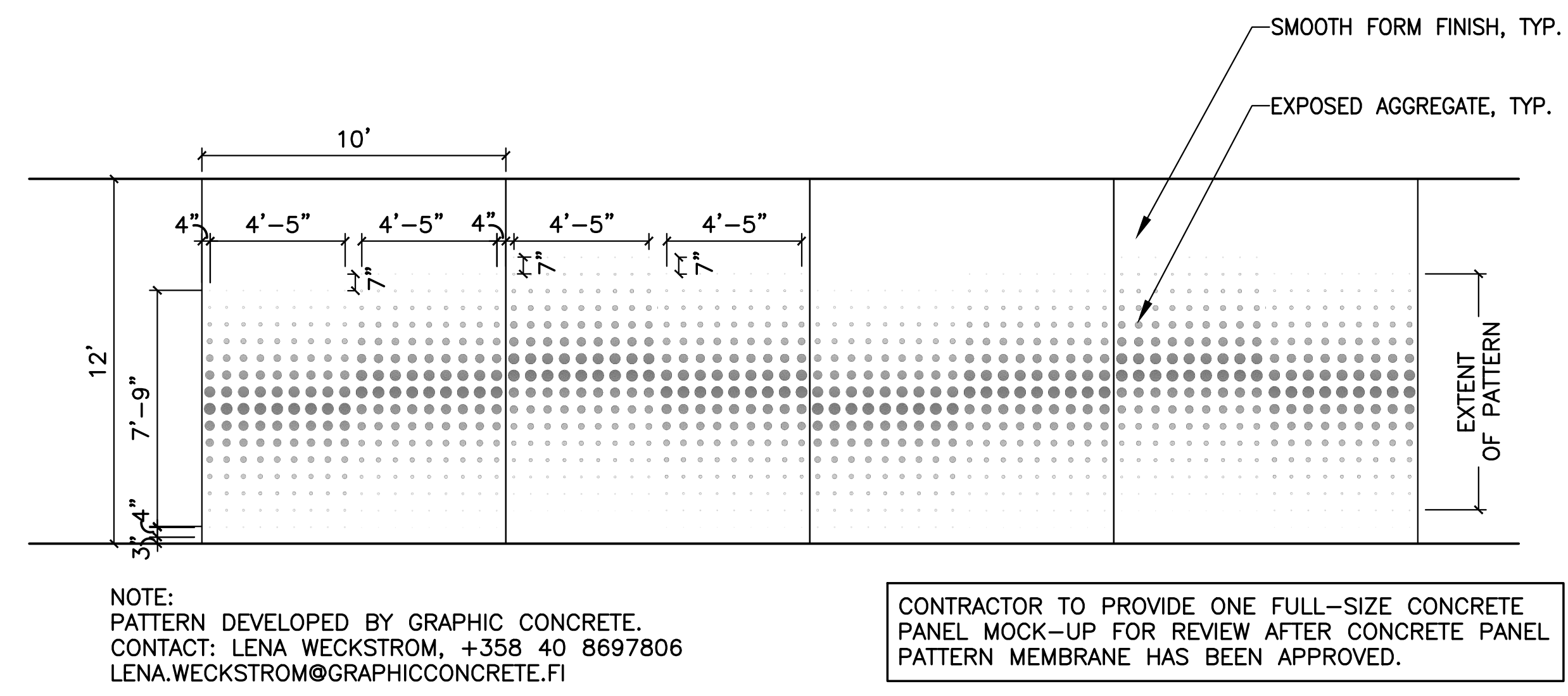
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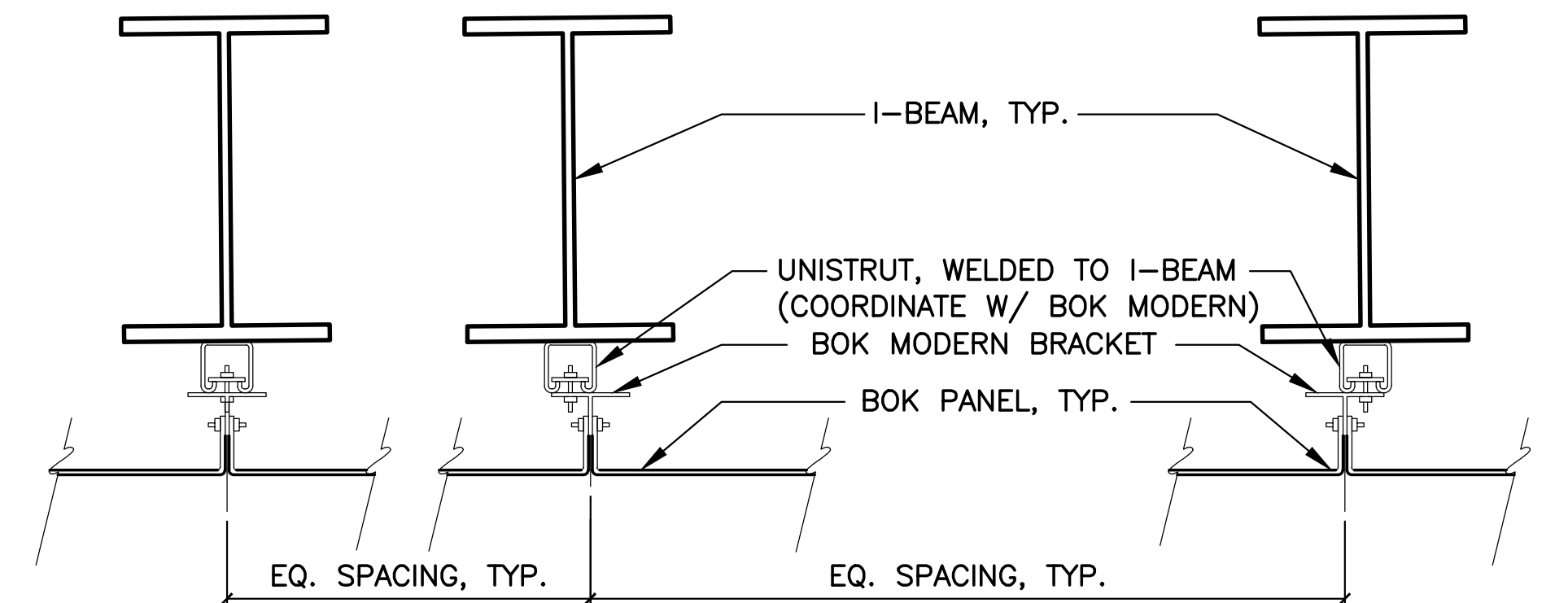
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B SIGNAGE LETTERS
 SCALE: NTS

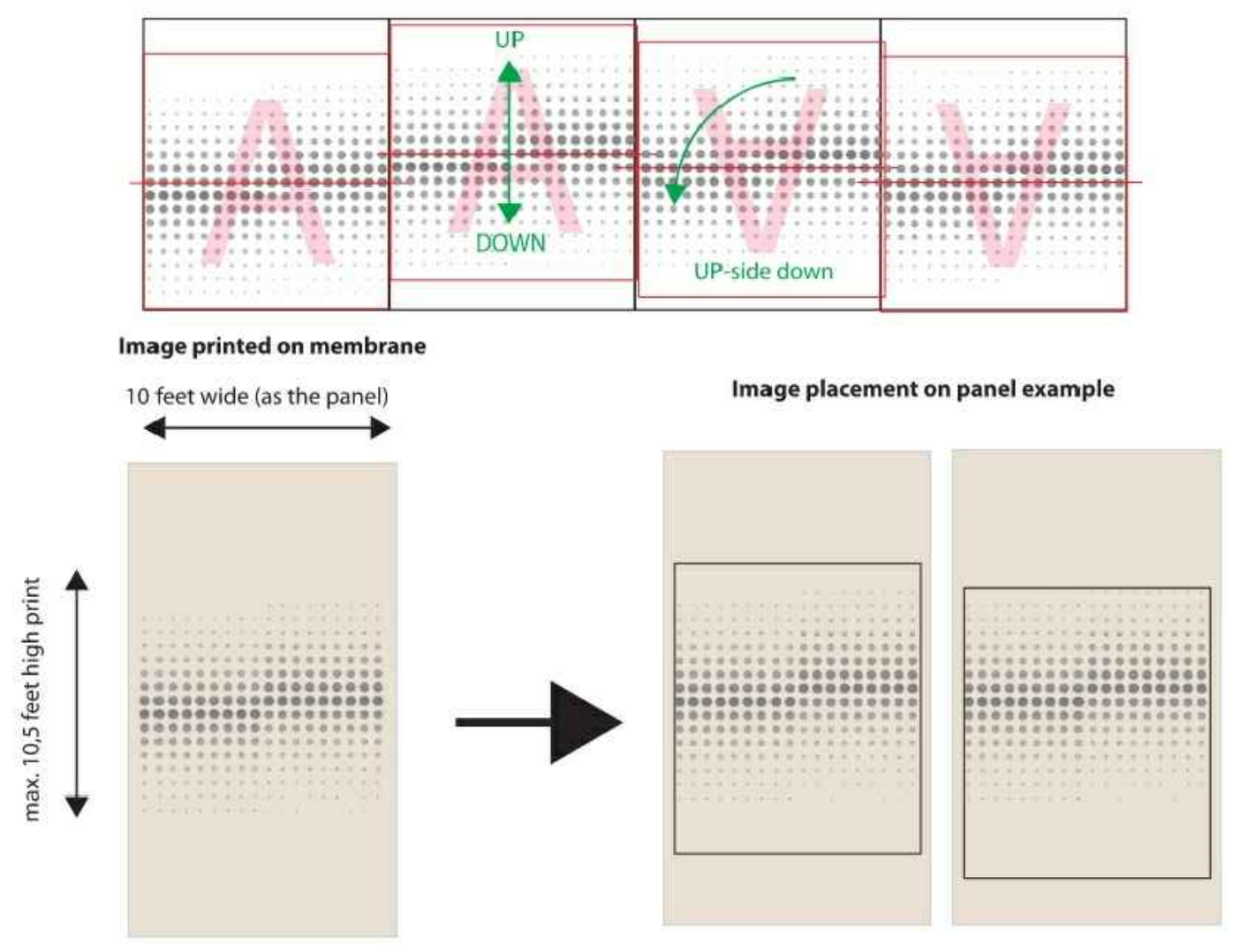


D PRECAST CONCRETE PANEL W1 - ELEVATION
 SCALE: 1/2"=1"



NOTES:
 BOK MODERN, 1515 VALLEJO ST, SAN FRANCISCO, CA 94109
 INFO@BOKMODERN.COM, (415)749-6500

A I BEAM/BOK PANEL CONNECTION
 SCALE: 1/2"=1"



- NOTES:
 1. CONTINUOUS SOLID MEMBRANE PER PANEL, NO JOINTS.
 2. PROVIDE MOCK UP FOR REVIEW PRIOR TO MEMBRANE FABRICATION.
 3. CONTACT: LENA WECKSTROM, GRAPHIC CONCRETE,
 4. 358 40 8697805; LENA.WECKSGTROM@GRAPHICCONCRETE.FI

C PRECAST PATTERN MEMBRANE
 N.T.S.

100% SUBMITTAL

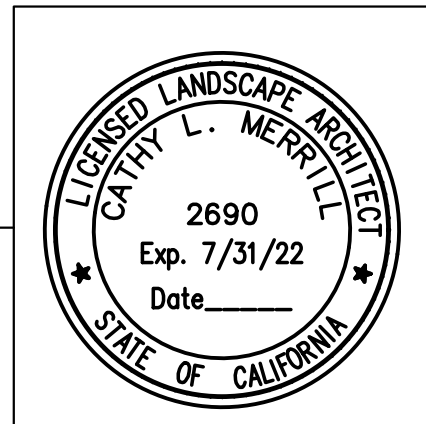
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 BOK PANEL WALL
 AND SIGNAGE

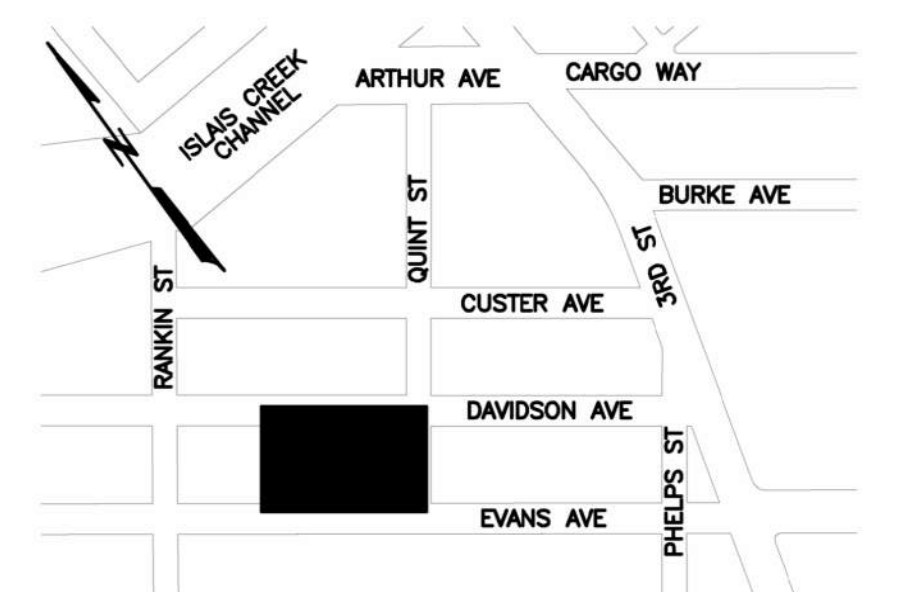
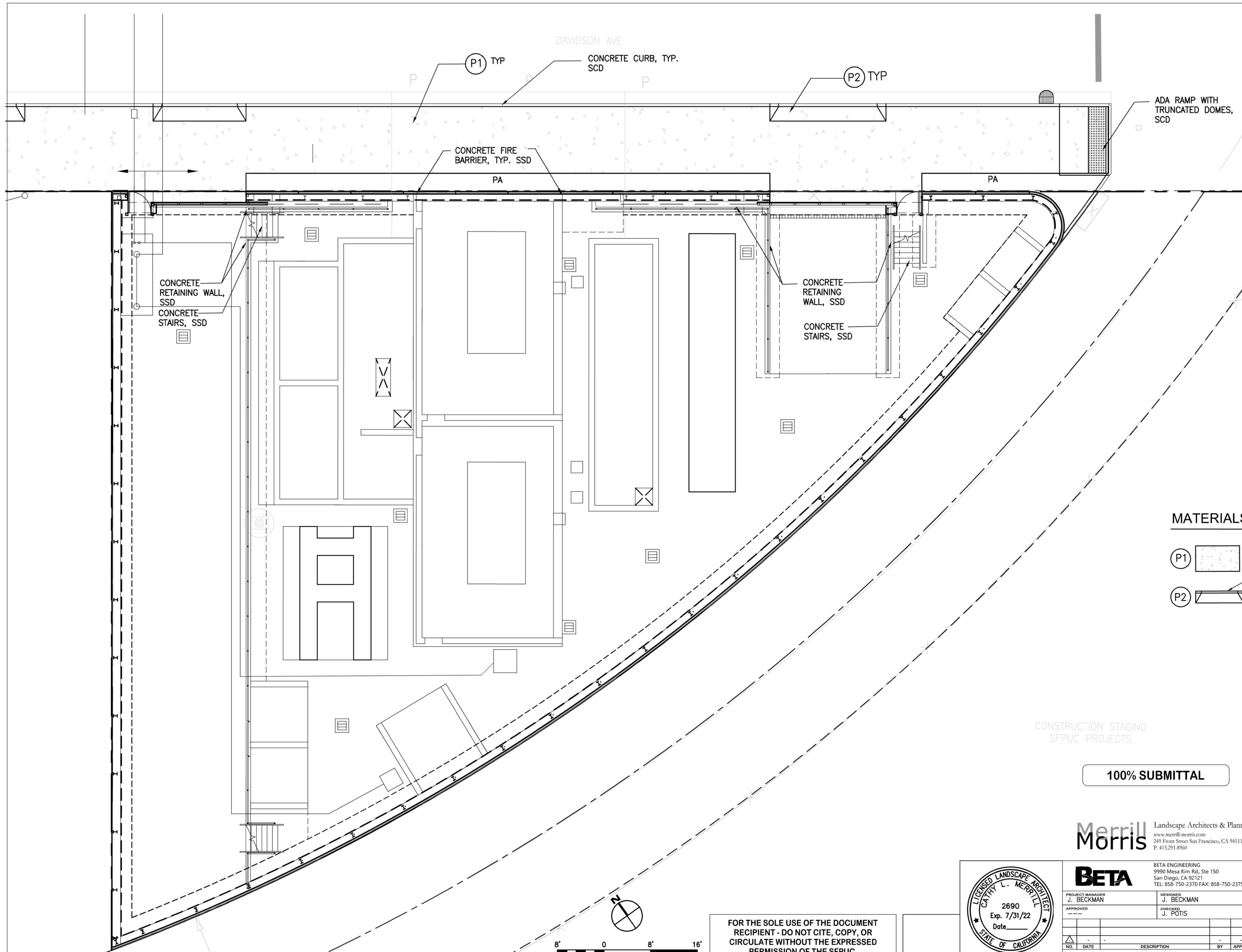
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KEY MAP
SCALE: N.T.S.

ABBREVIATIONS:

SYMBOL	DESCRIPTION
EQ	EQUAL
(E)	EXISTING
(N)	NEW
PA	PLANTING AREA
R	RADIUS
TYP	TYPICAL
	EXPANSION JOINT
	SCORE MARK
	EXPANSION JOINT W/ SEALANT
	CENTER LINE
	CENTER
	BUILDING
	CONTINUOUS
	FACE OF BUILDING
	FACE OF WALL
	NOT TO SCALE
	PROPERTY LINE
	RIGHT OF WAY
	WITH
	WITHOUT
	SEE ARCHITECT DRAWINGS
	SEE CIVIL DRAWINGS
	SEE ELECTRICAL DRAWINGS
	SHEET
	SEE STRUCTURAL DRAWINGS
	TYPICAL

MATERIALS LEGEND AND KEY NOTES:

- NEW CONCRETE SIDEWALK, FINISH TO CITY STANDARD, SEE CIVIL DRAWINGS
- NEW CONCRETE CURB, TYP
- REINFORCED CONCRETE DRIVEWAY PER SFPD STANDARDS, SEE CIVIL DRAWINGS

CONSTRUCTION STAGING
SFPUC PROJECTS

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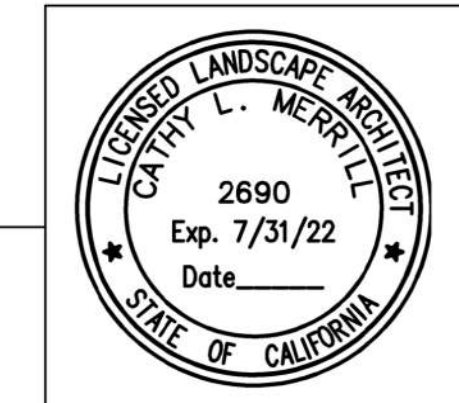
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LANDSCAPE PLAN

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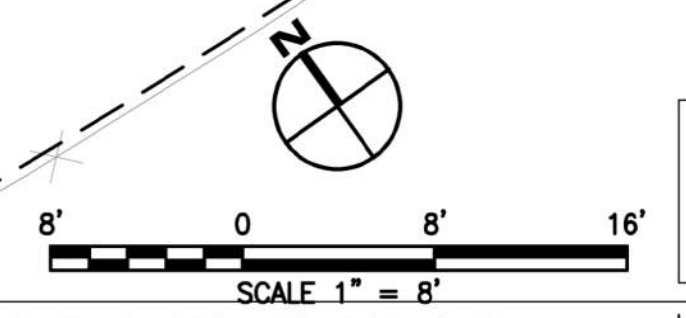
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TEL: 858-750-2370 FAX: 858-750-2375

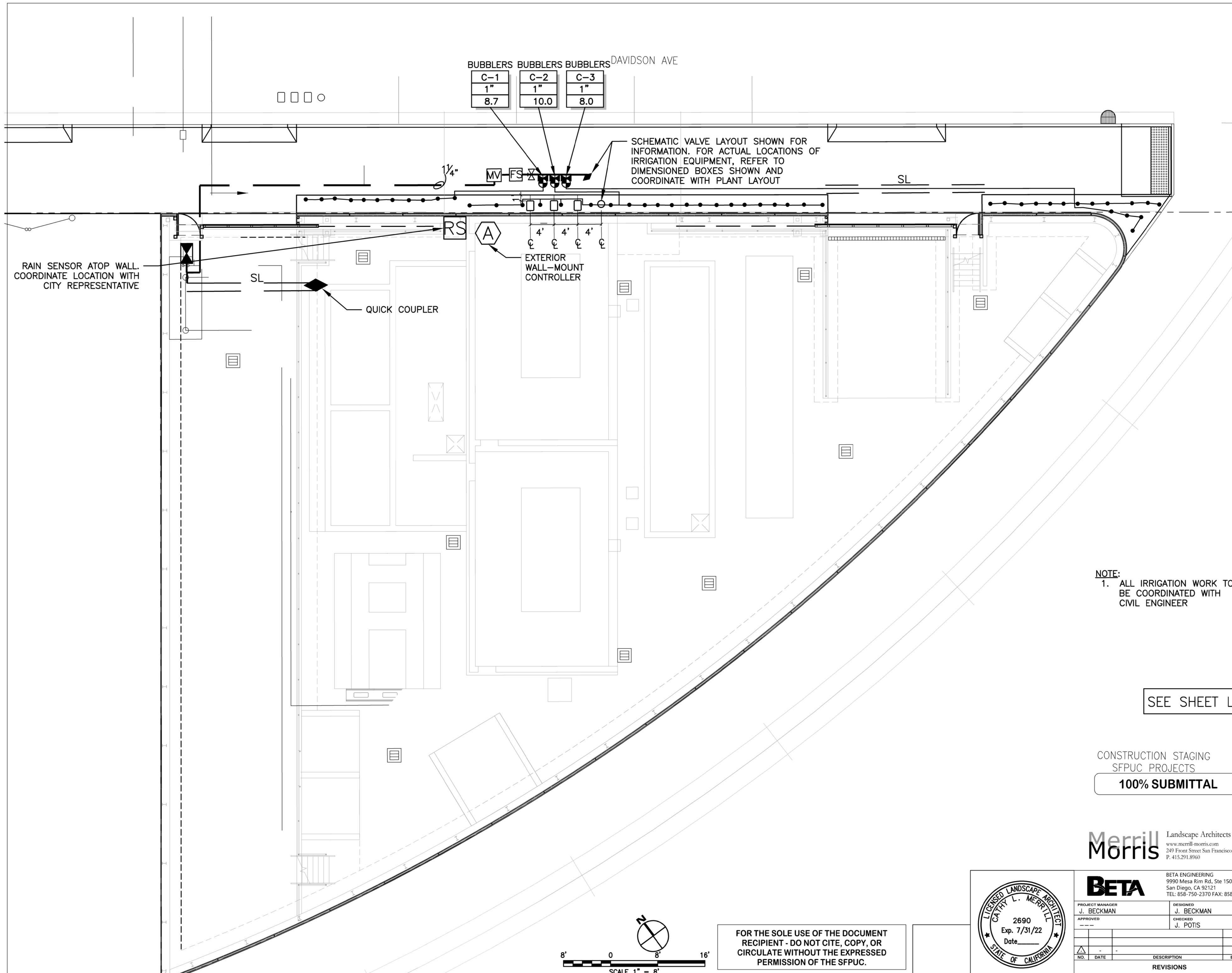


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NO.	DATE
DESCRIPTION	BY
REVISIONS	APPRD

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NOTE:
1. ALL IRRIGATION WORK TO BE COORDINATED WITH CIVIL ENGINEER

SEE SHEET L-2001 FOR IRRIGATION LEGEND.

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IRRIGATION PLAN

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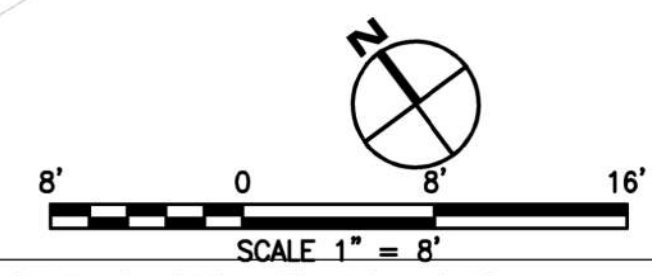
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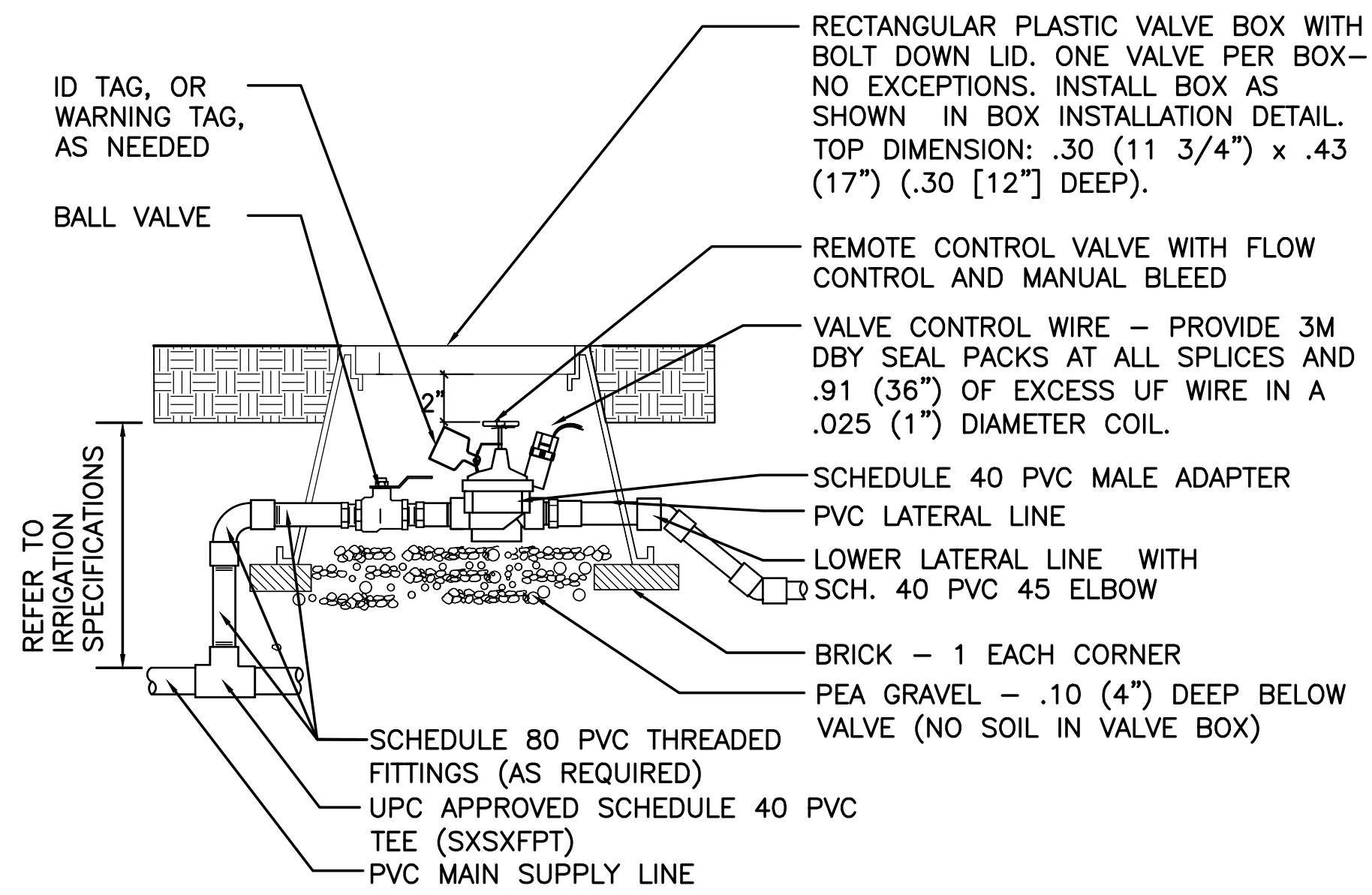


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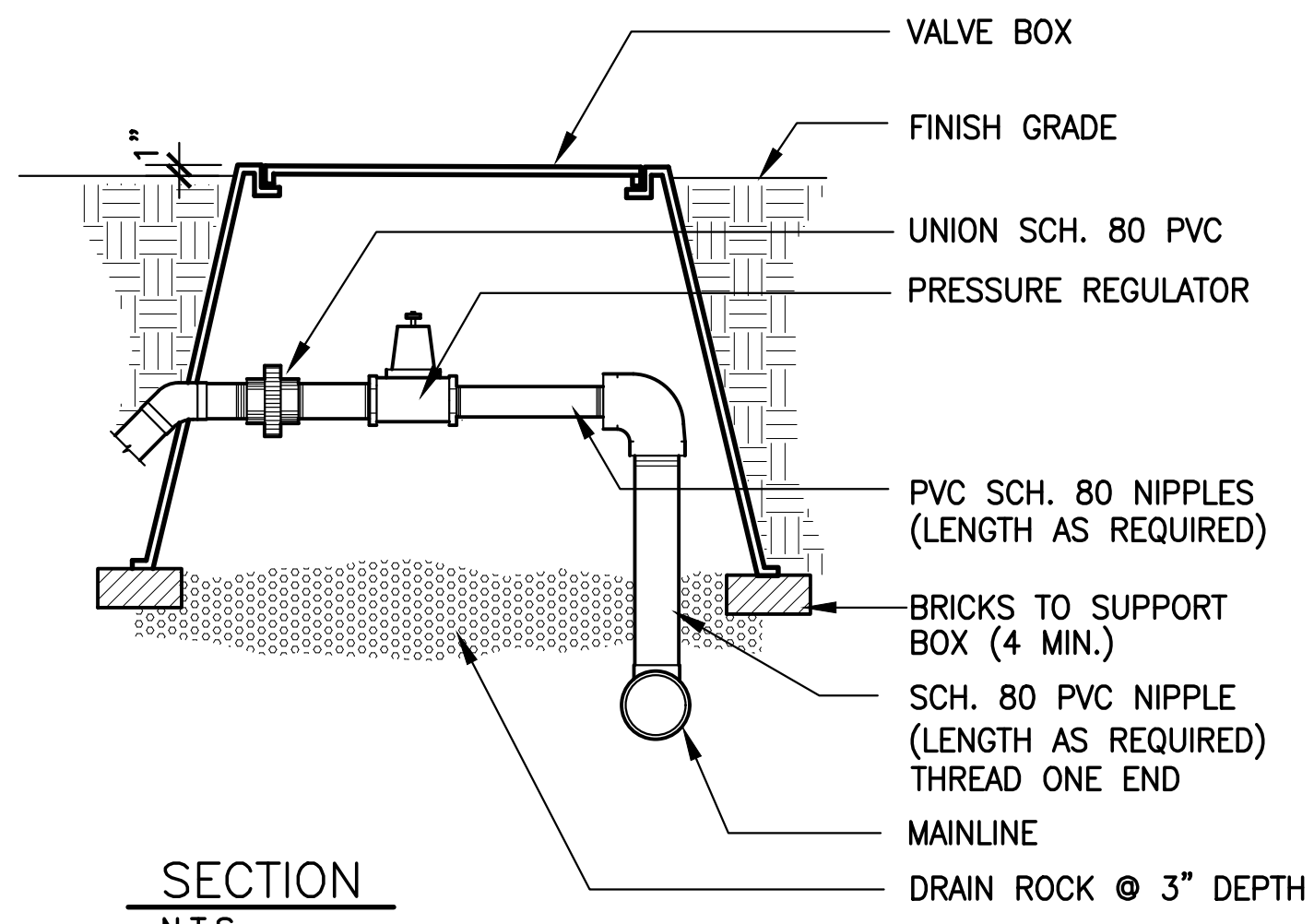
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SECTION MANAGER	DESIGNED
SCALE AS SHOWN	DATE ---/---/---
APPROVED	APPROVED
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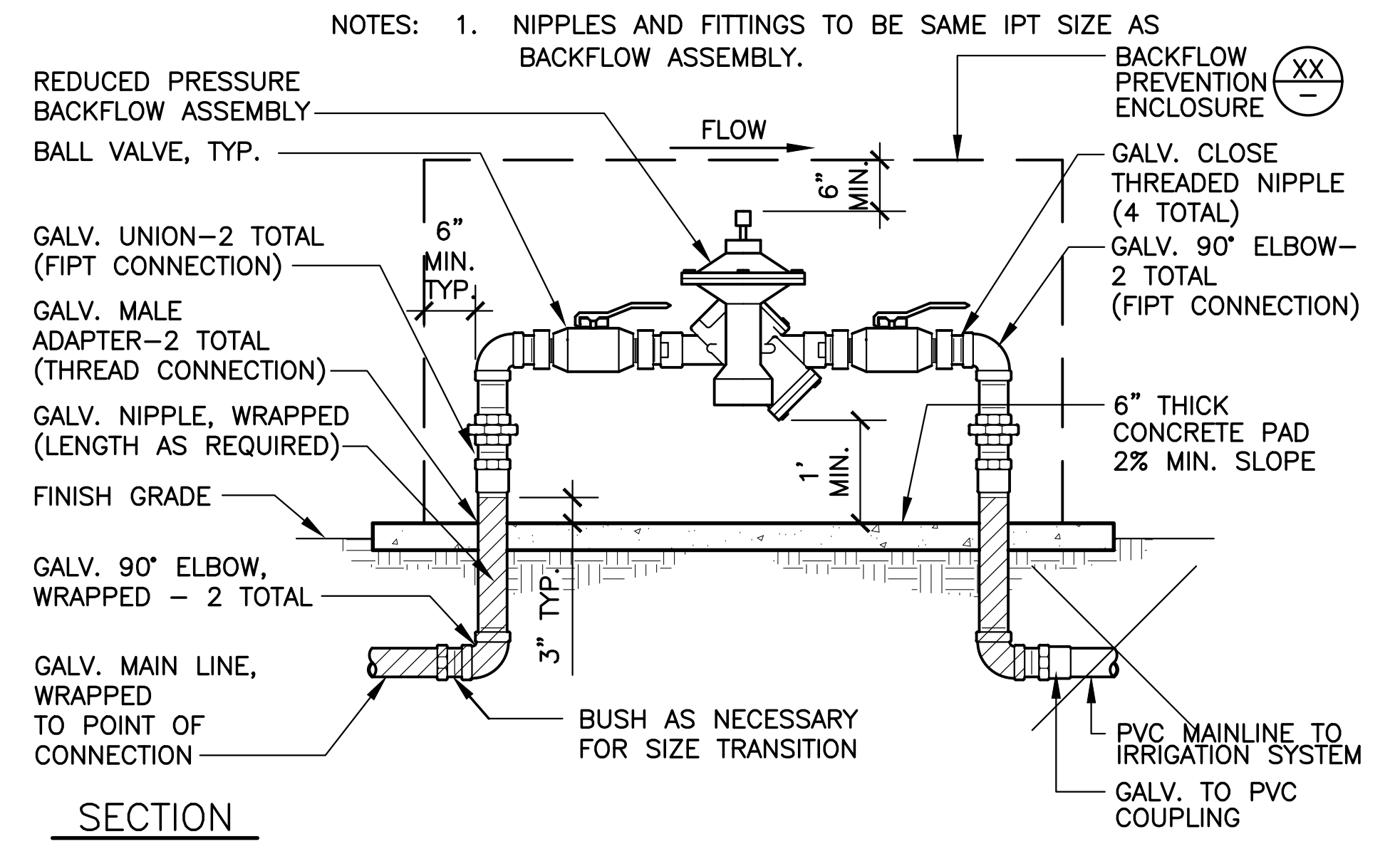




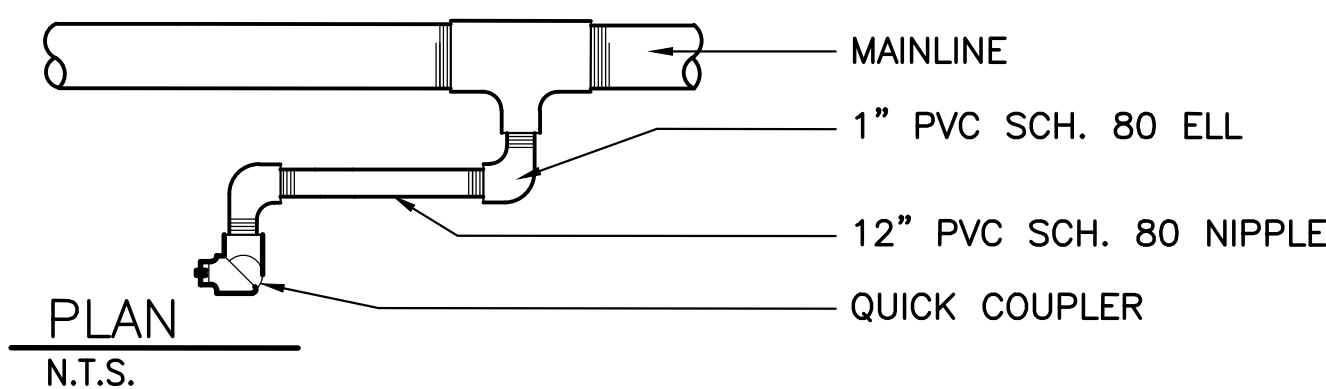
F REMOTE CONTROL VALVE
W/BALL VALVE
L_PRDV01



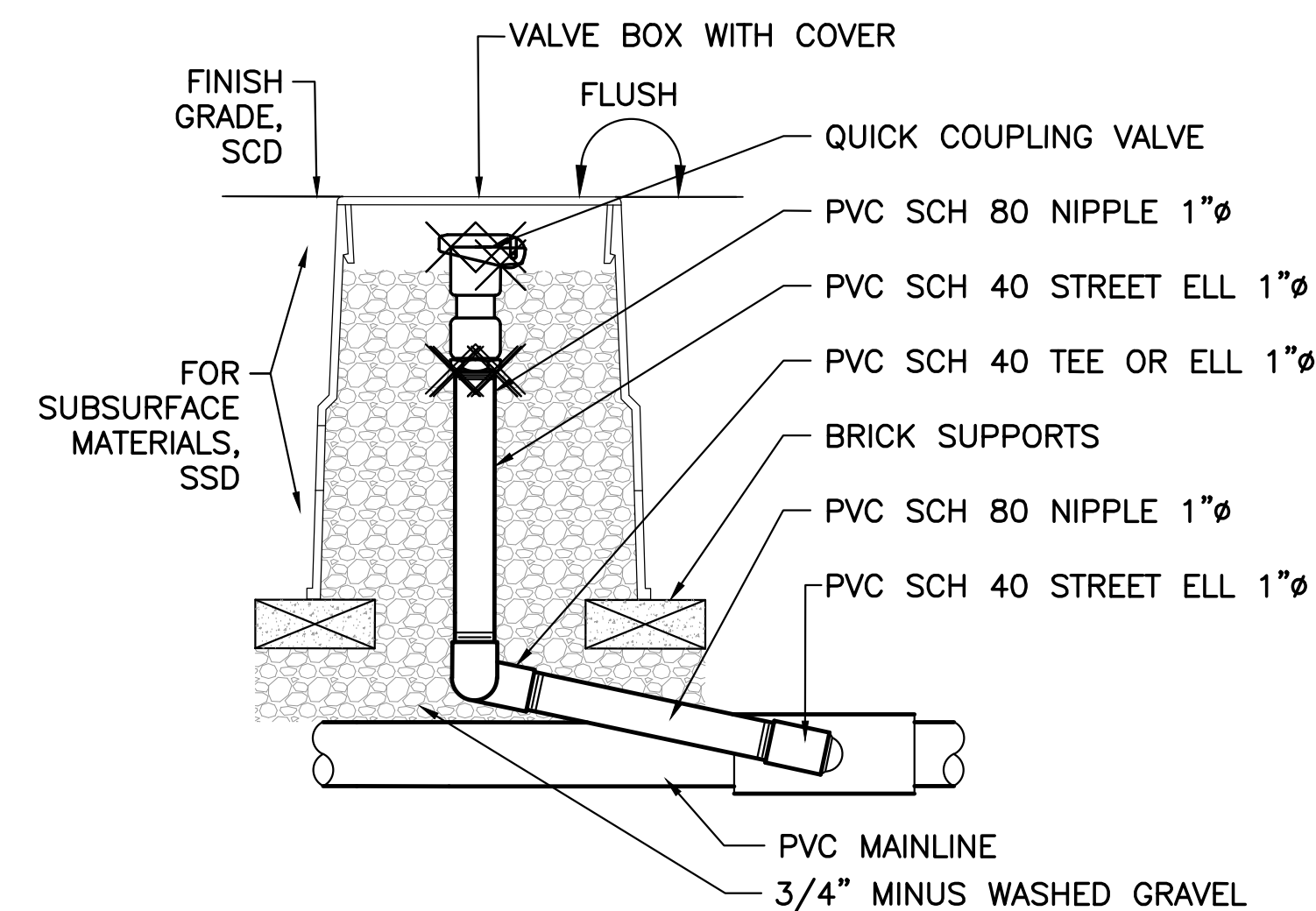
C PRESSURE REDUCING VALVE
L_PRDV01



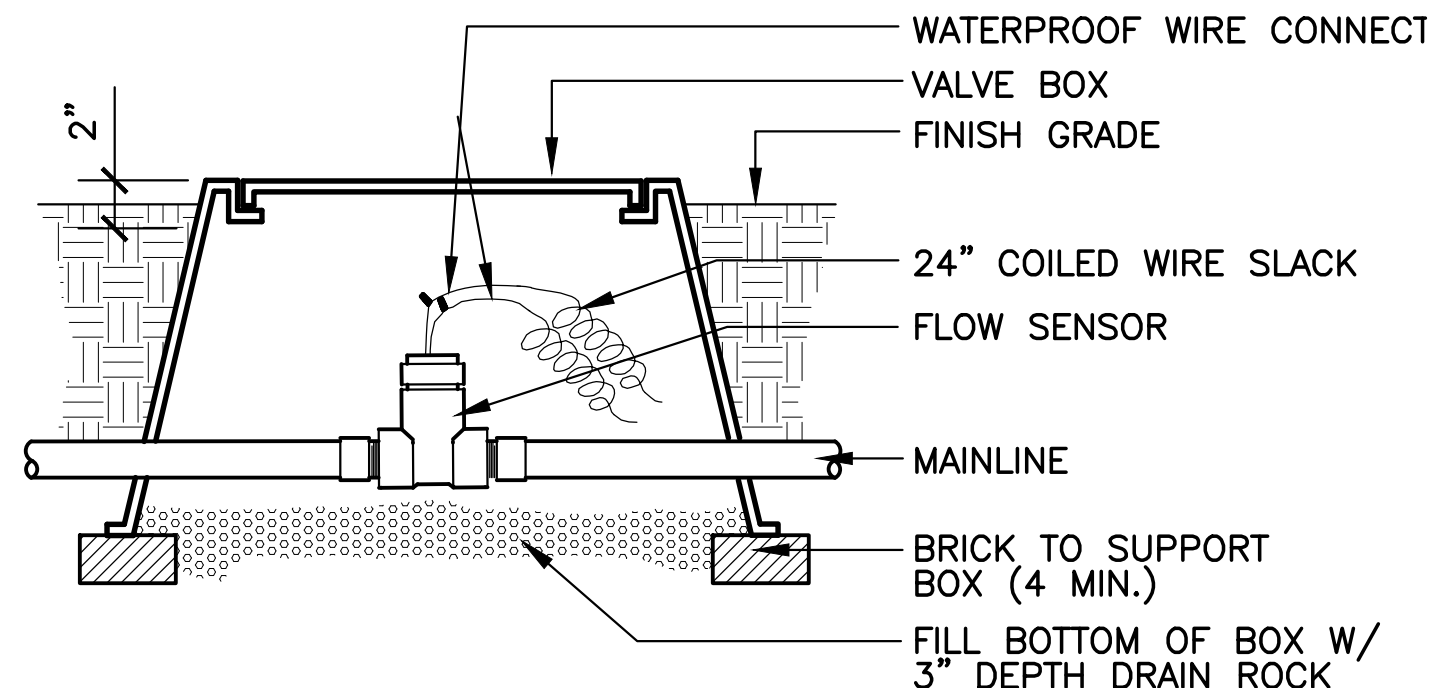
A REDUCED PRESSURE BACKFLOW ASSEMBLY
L_BFP01



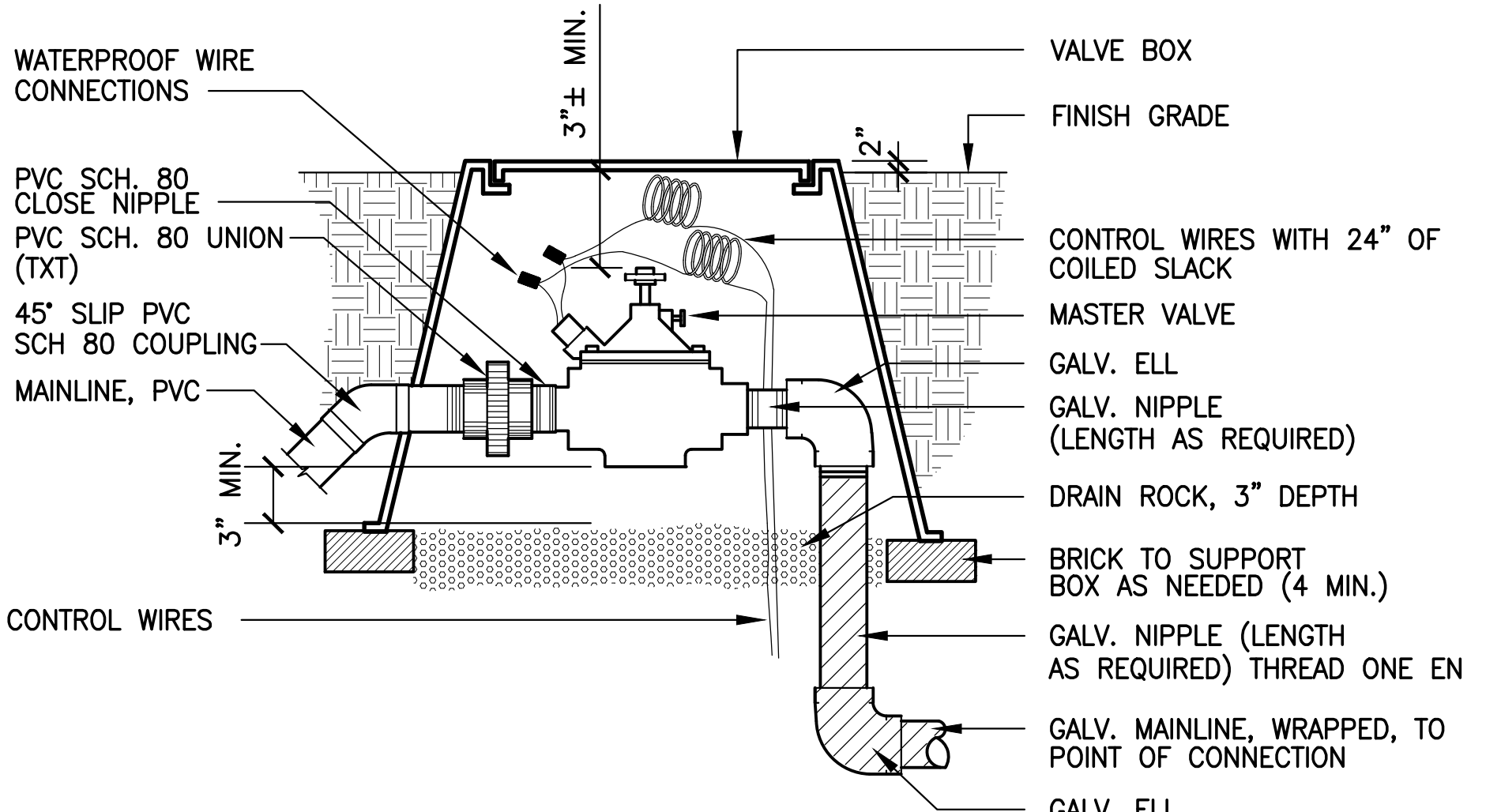
PLAN
N.T.S.



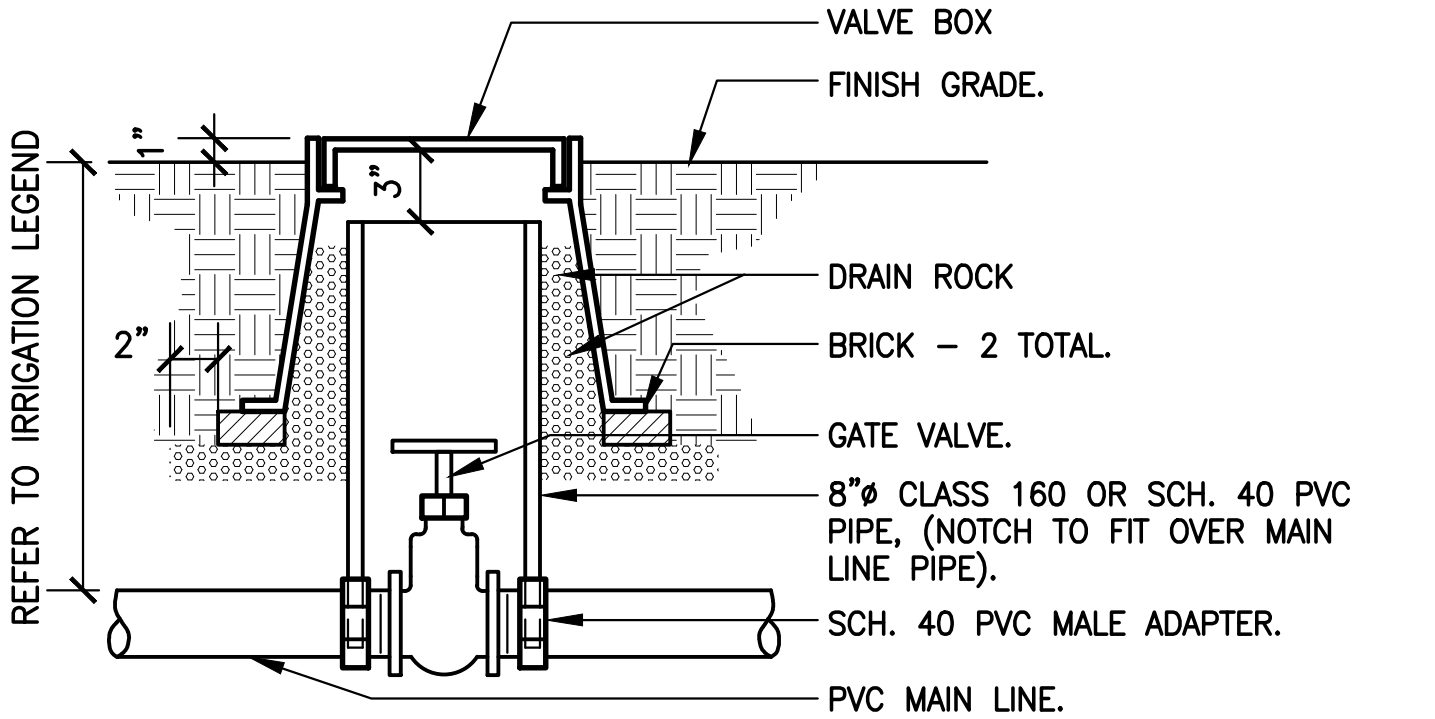
G QUICK COUPLER VALVE
N.T.S.
NOTE: FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK-COUPLING VALVE INLET SIZE.



D FLOW SENSOR
L_FLOS01
NOTE: LOCATE DOWNSTREAM FROM MASTER R.C.V. A MIN. OF 10 PIPE DIAMETERS AND USE NO FITTINGS BETWEEN FLOW SENSOR AND MASTER R.C.V.

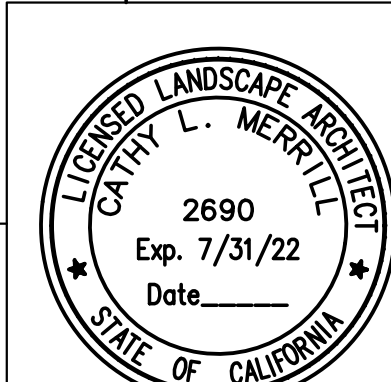


B MASTER VALVE
N.T.S.



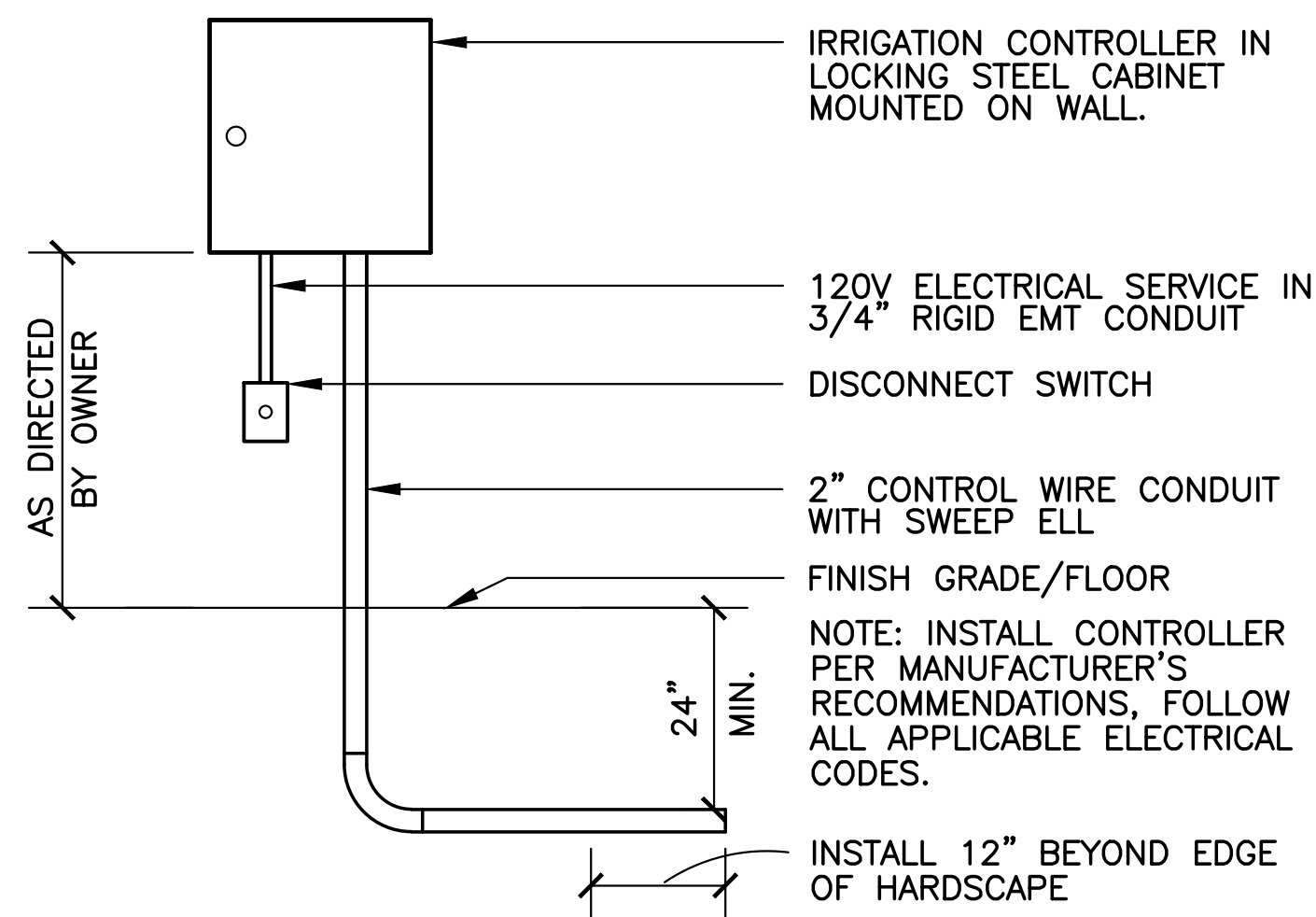
E 2 1/2" AND SMALLER GATE VALVE
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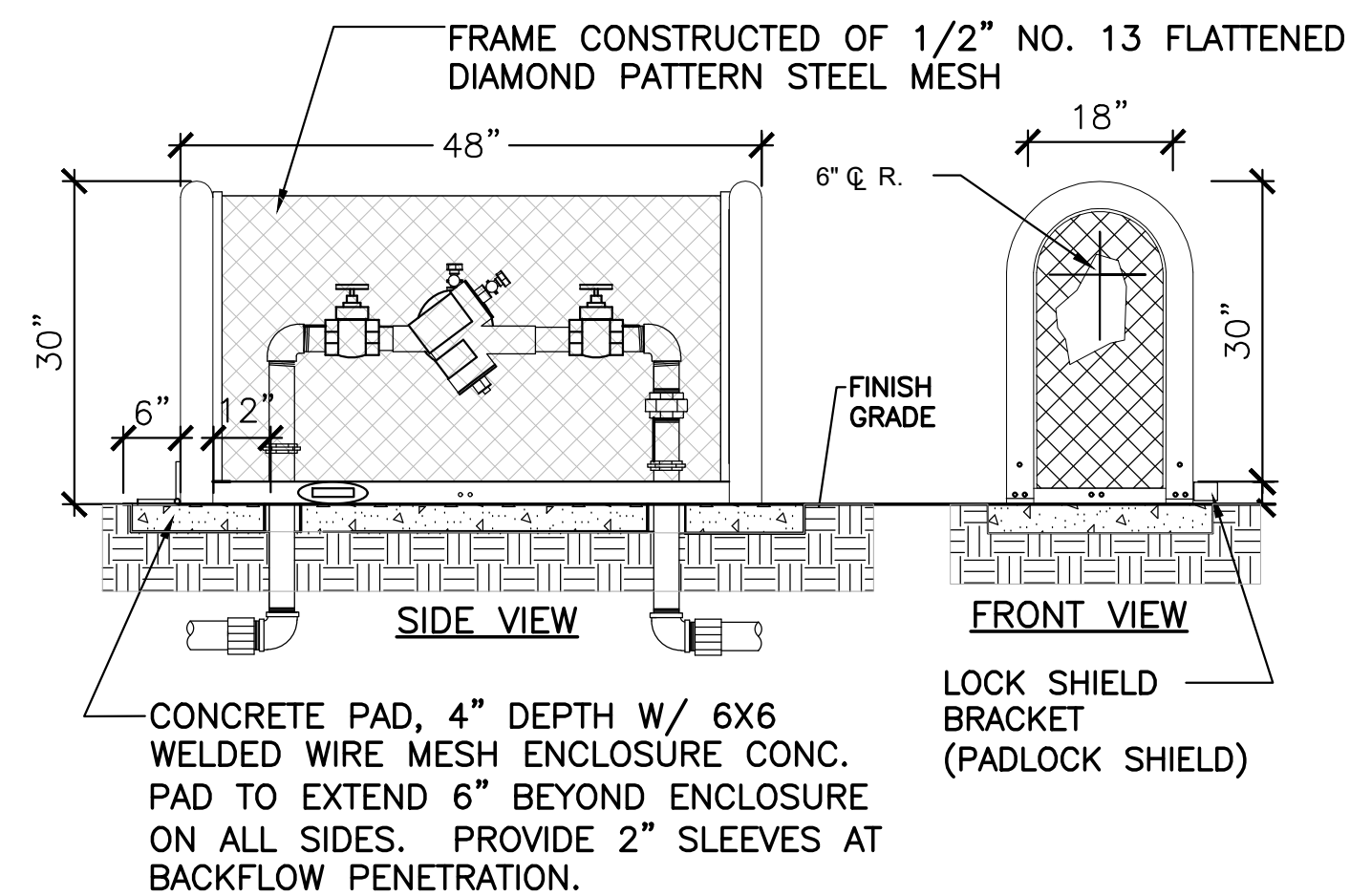
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CONTRACT NO. DB-130	
CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU BAY CORRIDOR TRANSMISSION AND DISTRIBUTION PHASE 3 (2019)	
IRRIGATION DETAILS	
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
SCALE	DATE
APPROVED	APPROVED
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, POWER ENTERPRISE
PLAN NO. DAS-L-2003	DRAWING / FILE NO. -----
REVISION NO. 0	



SECTION
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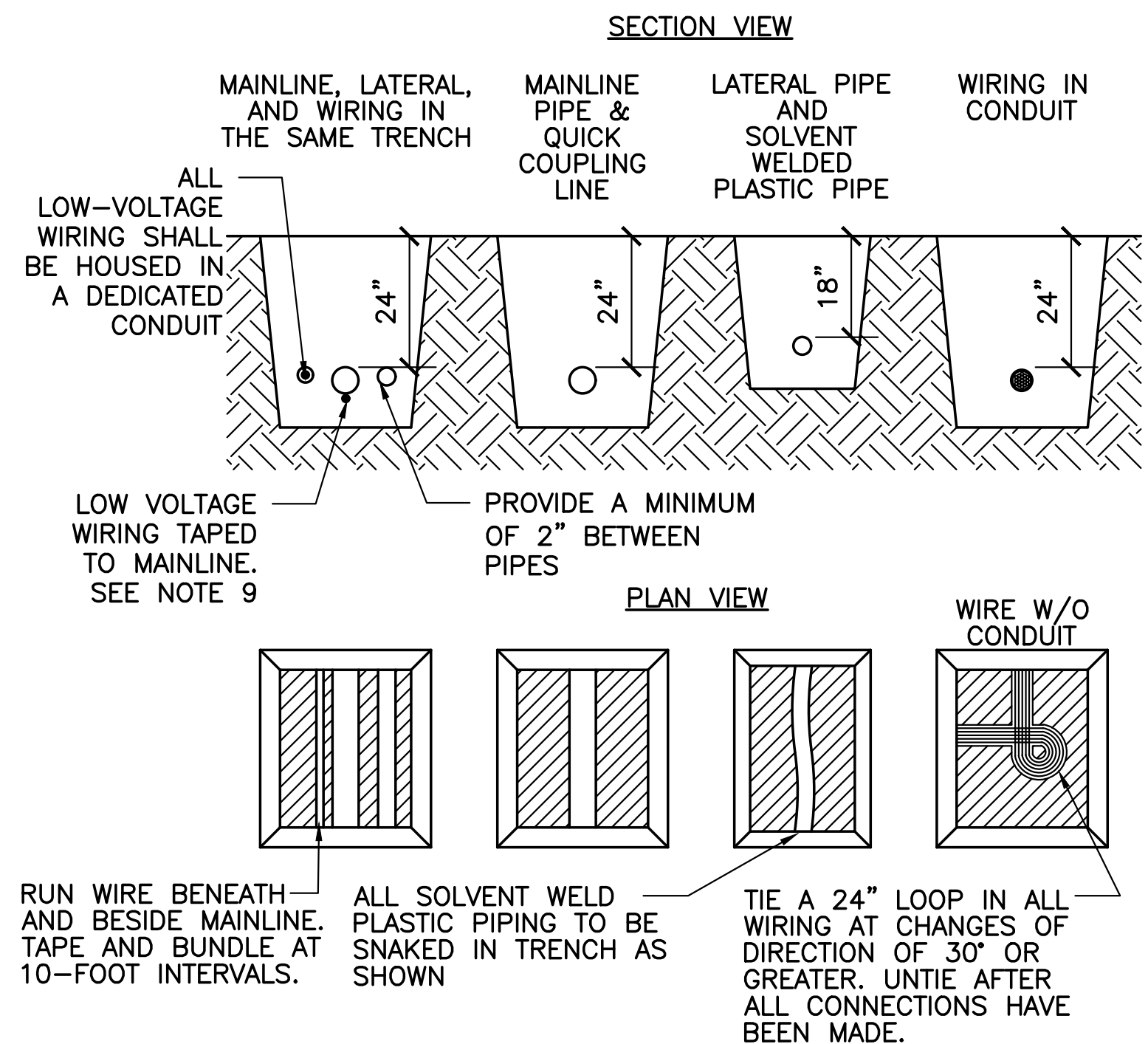
D WALL MOUNTED CONTROLLER
EXTERIOR CABINET

L_CTRL01



B BACKFLOW ENCLOSURE DETAIL

L_PRDV01

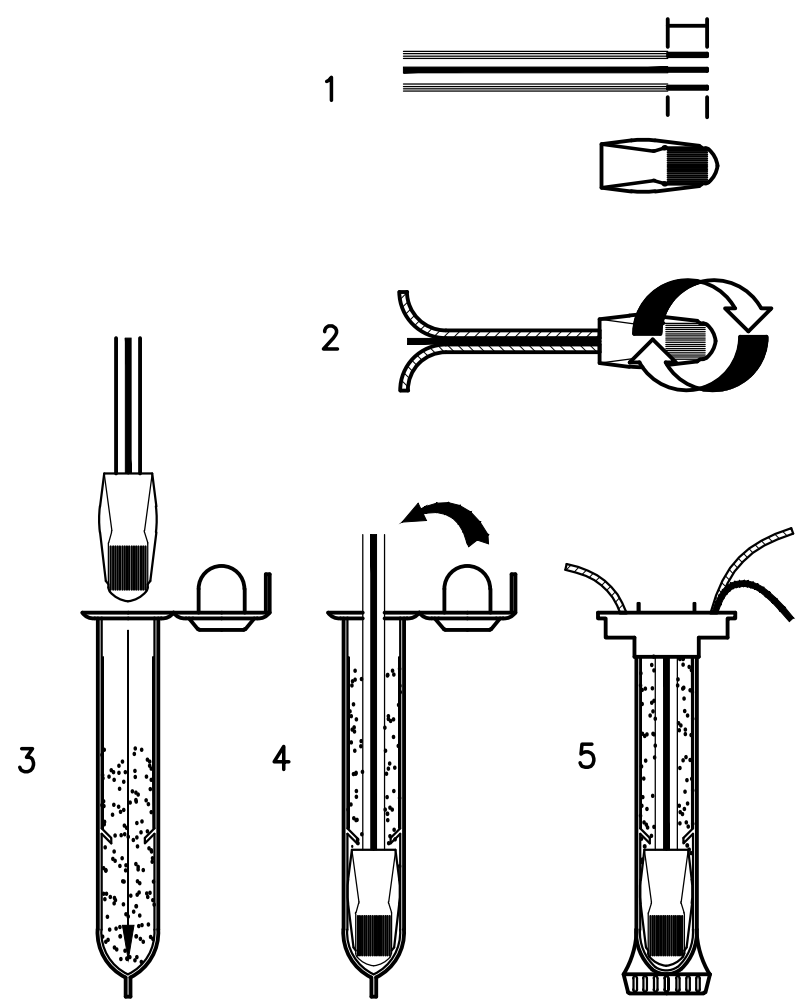


- NOTES:
- SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH CLASS 315 PVC TWICE THE DIAMETER OF THE PIPE OR WIRE CONDUIT WITHIN; BURIAL DEPTH FOR SLEEVES BELOW FINISHED GRADE ARE AS FOLLOWS:
42 INCH MINIMUM UNDER THOROUGHFARE AND STREETS
24 INCH MINIMUM UNDER PLANTER AREA
24 INCH MINIMUM UNDER PARKING LOT
18 INCH MINIMUM UNDER SIDEWALK
36 INCH MINIMUM UNDER TRAFFIC CIRCLES (RESIDENTIAL AREAS)
 - ALL SLEEVE BELOW HARDSCAPE SHALL EXTEND 24 INCHES BEYOND HARD SURFACE EDGES.
 - FOR PIPE AND WIRE BURIAL DEPTHS, SEE SPECIFICATIONS, MAINLINE SHALL HAVE MINIMUM COVER OF 24 INCHES, LATERAL SHALL HAVE MINIMUM COVER OF 18 INCHES.
 - SCH 40 PVC FOR MAINLINE 2 INCHES OR SMALLER.
 - CLASS 315 PVC FOR MAINLINE 2 1/2 INCHES AND LARGER.
 - CLASS 200 PVC FOR 2 INCH LATERAL LINES AND SMALLER.
 - SCH 40 PVC FOR QUICK COUPLING LINE 1 INCH MIN. TO 2 INCH MAXIMUM
 - TRENCH BACKFILL SHALL BE NATIVE MATERIAL, COMPACT TO 90% MINIMUM, RELATIVE COMPACTION UNLESS UNDER CONCRETE OR ASPHALT. USE TRENCH BACKFILL PER CITY SPECIFICATION 11A AND 11B UNDER CONCRETE OR ASPHALT.
 - IF APPROVED IN WRITING FROM THE CITY'S LANDSCAPE ARCHITECT, CONTROL WIRE MAY BE INSTALLED WITHOUT CONDUIT. INSTEAD, RUN WIRING BENEATH MAINLINE. TAPE AND BUNDLE AT 10 FOOT INTERVALS. TIE A 24 INCH LOOP IN ALL WIRING AT CHANGES OF DIRECTION OF 30 INCHES OR GREATER. UNTIE AFTER ALL CONNECTIONS HAVE BEEN MADE.

A PIPE AND WIRE TRENCHING

N.T.S.

L_TRENCH

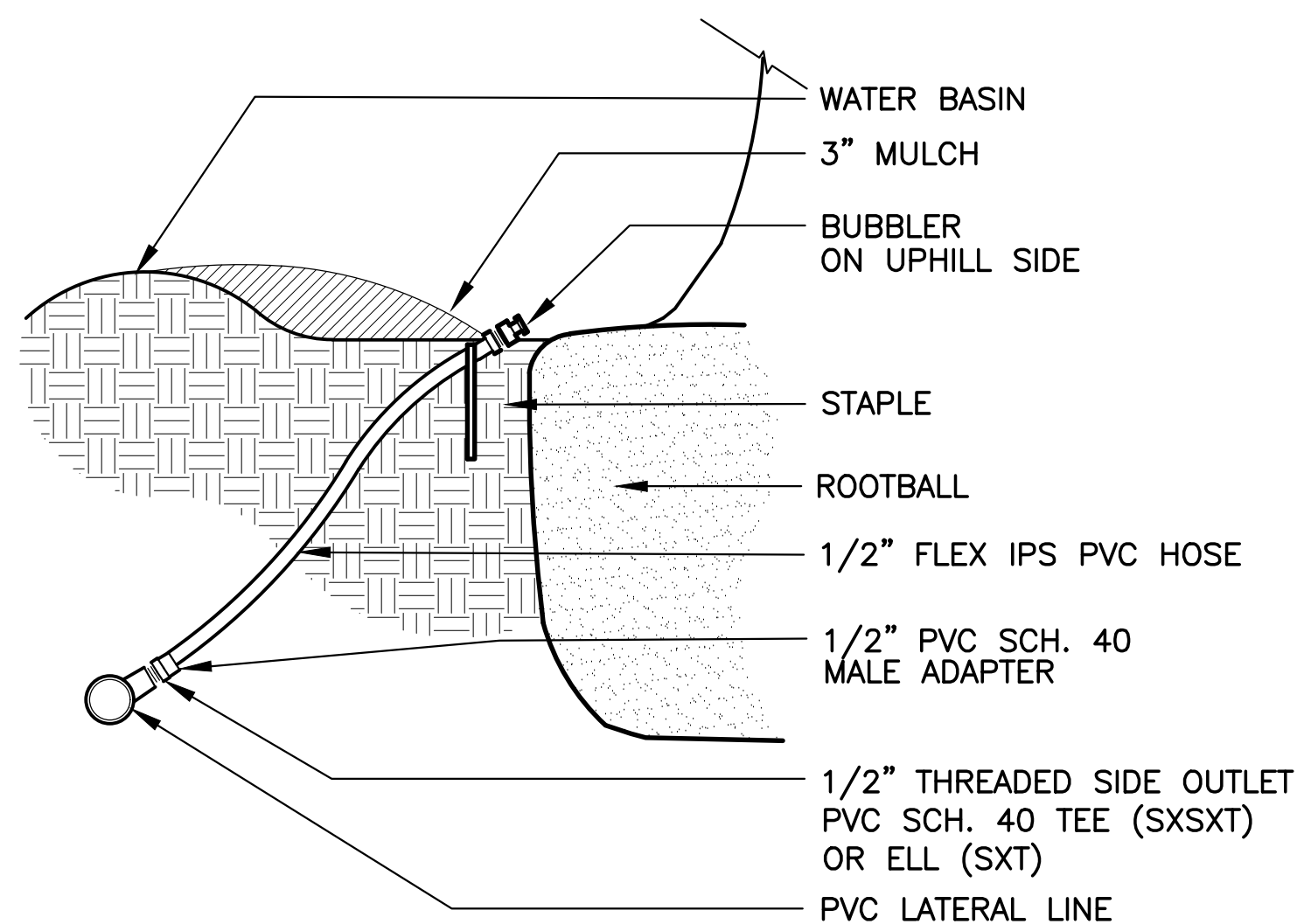


INSTRUCTIONS:

- STRIP WIRES APPROXIMATELY 1/2" (12.7 MM) TO EXPOSE WIRE.
- TWIST CONNECTOR AROUND WIRES CLOCKWISE UNTIL HAND TIGHT, DO NOT OVERTIGHTEN.
- INSERT WIRE ASSEMBLY INTO PLASTIC TUBE UNTIL WIRE CONNECTOR SNAPS PAST LIP IN BOTTOM OF TUBE.
- PLACE WIRES WHICH EXIT TUBE IN WIRE EXIT HOLES AND CLOSE CAP UNTIL IT SNAPS.
- INSPECT FINAL SPLICE ASSEMBLY TO BE SECURE AND FINISHED.

F WATERPROOF WIRE CONNECTIONS
ASSEMBLY

L_WIRE01



SECTION
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C BUBBLER
ON FLEX HOSE

L_BUBB02

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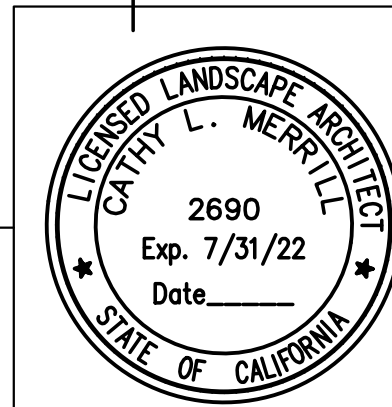
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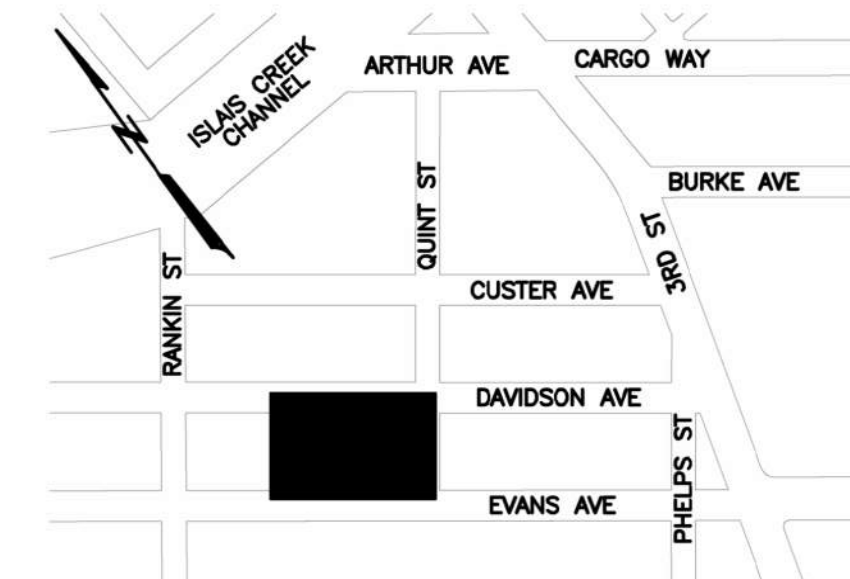
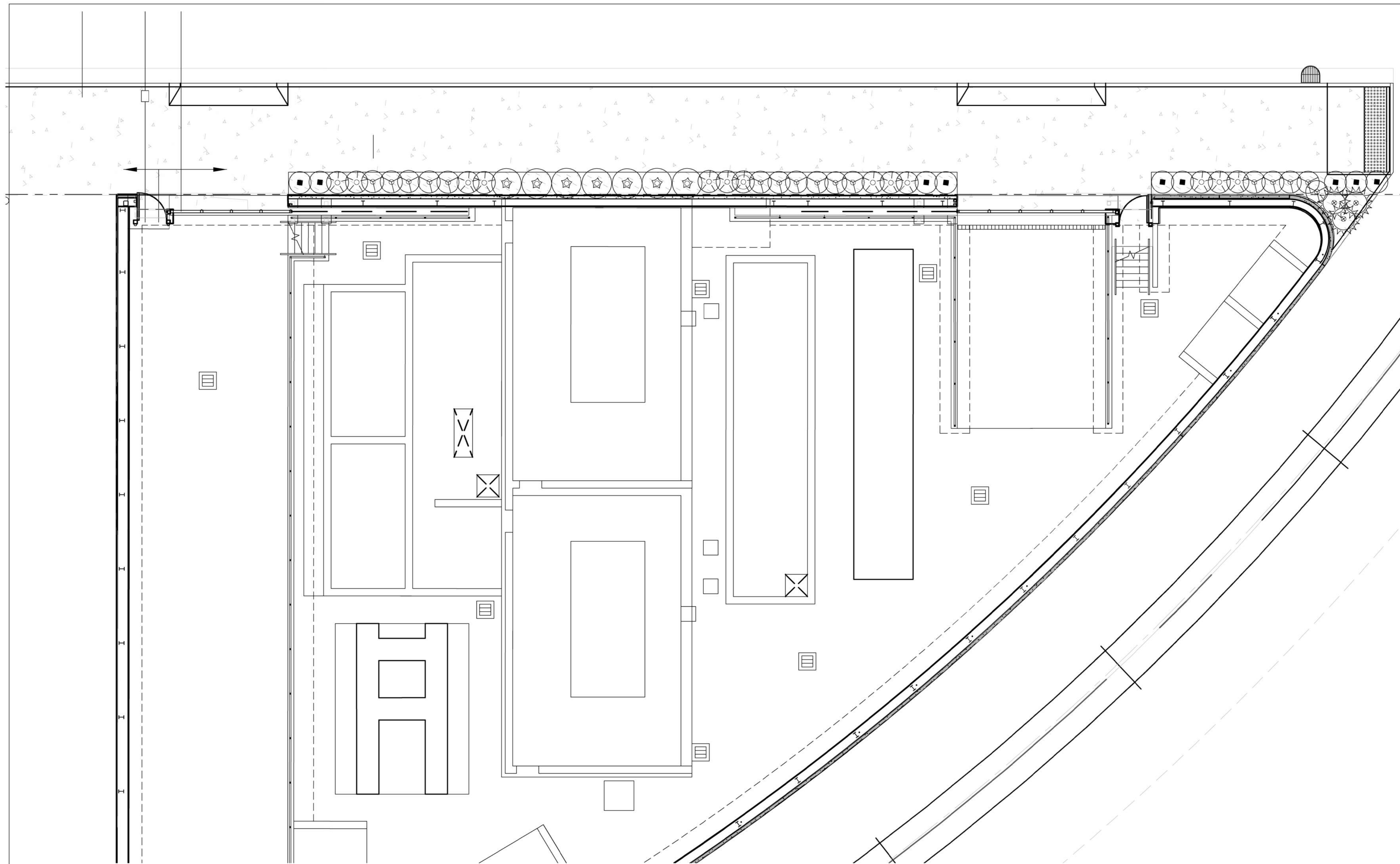
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PROJECT MANAGER J. BECKMAN	DESIGNED J. BECKMAN
APPROVED ---	CHECKED J. POTIS
DATE 7/31/22	

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU
BAY CORRIDOR TRANSMISSION AND DISTRIBUTION
PHASE 3 (2019)

IRRIGATION DETAILS	
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MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, POWER ENTERPRISE
PLAN NO. DAS-L-2004	DRAWING / FILE NO. -----
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KEY MAP
SCALE: N.T.S.

- GENERAL PLANTING NOTES**
1. ALL LANDSCAPING SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF SAN FRANCISCO REQUIREMENTS AND STANDARDS. ALL PLANT MATERIAL SHALL CONFORM TO ANSI Z601 "STANDARD FOR NURSERY STOCK". NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES
 2. ALL PLANTING AREAS SHALL HAVE NEW IMPORT TOPSOIL TO A 24" DEPTH
 3. CONTRACTOR TO VERIFY ALL SITE CONDITIONS AND UTILITY LOCATIONS.
 4. PLANT COUNT IS FOR THE CONVENIENCE OF THE CONTRACTOR. IN CASE OF DISCREPANCIES, THE PLAN SHALL GOVERN. NOTIFY RESIDENT ENGINEER IMMEDIATELY FOR FURTHER DIRECTION WHEN DISCREPANCIES ARE NOTICED.
 5. CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR OBSERVATIONS OF LANDSCAPE AND IRRIGATION.
 6. ALL PLANTING AREAS SHALL BE TOP-DRESSED WITH 3 INCH LAYER OF MULCH. TOP OF MULCH SHALL BE MAXIMUM 1" BELOW ADJACENT PAVING ELEVATION.
 7. CONTRACTOR SHALL ARRANGE & PAY FOR SOIL TESTING OF PLANTING SOIL BY AN ACCREDITED SOILS LABORATORY APPROVED BY THE CITY. REQUEST THAT THE LABORATORY MAKE RECOMMENDATIONS FOR AMENDING PLANTING AREAS & FOR BACKFILL MIX USING BAY FRIENDLY APPROVED METHODS. CONTRACTOR TO FOLLOW RECOMMENDATIONS OF SOILS LAB.
 8. ORGANIC COMPOST AND MULCH SHALL CONTAIN NO VISIBLE GLASS, METAL OR PLASTIC. PAPER SHALL BE NO MORE THAN 0.5% BY WEIGHT OR VOLUME. MUNICIPAL COMPOST SHALL NOT BE USED. CONTRACTOR SHALL SUBMIT A CURRENT LAB ANALYSIS PERFORMED BY A STA CERTIFIED LABORATORY FOLLOWING THE SEAL OF TESTING ASSURANCE PROGRAM & CONFIRMING THAT COMPOST IS STABLE, MATURE & FREE OF NOXIOUS ELEMENTS & HAVE NO OBJECTIONABLE ODORS INDICATING ANAEROBIC CONDITIONS.
 9. ALL ROCK AND DEBRIS 1-1/2" AND LARGER SHALL BE REMOVED FROM PLANTING SOIL AND PLANTING AREAS.
 10. PLANTING SHALL BE PERFORMED BY A LICENSED CONTRACTOR AND IN ACCORDANCE WITH SPECIFICATIONS.
 11. ALL PLANTING SHALL BE INSTALLED SEASONALLY TO COINCIDE WITH THE REGION'S RAINY SEASON.
 12. NOTIFY PROJECT MANAGER 48 HOURS PRIOR TO PLANT DELIVERY. ALL PLANTS TO BE REVIEWED AND ACCEPTED PRIOR TO PLANTING.
 13. FOR PLANT VIABILITY, NEW PLANTS ARE TO BE HAND-WATERED AS NEEDED BY THE CONTRACTOR TO MAINTAIN TREE GROWTH AND HEALTH.
 14. SEE CIVIL DRAWINGS, ELECTRICAL DRAWINGS, AND LANDSCAPE DRAWINGS FOR APPROXIMATE LOCATION OF UTILITIES.

PLANT LEGEND

SYMBOL	LATIN NAME	COMMON NAME	QTY	PLANT SIZE (H X W)	CONTAINER SIZE	WATER USE	NOTES
SHRUB AND PERENNIALS							
	LEYMUS CONDENSATUS 'CANYON PRINCE'	CANYON PRINCE WILD RYE	16	3' X 3'	5 GAL	LOW	
	CHONDROPETALUM ELEPHANTINUM	LARGE CAPE RUSH	7	4' X 6'	5 GAL	LOW	
	JUNCUS PATENS 'ELK BLUE'	CALIFORNIA GRAY RUSH	13	3' X 3'	5 GAL	LOW	
	SALVIA LEUCOPHYLLA	PURPLE SAGE	5	3' X 3'	5' GAL	LOW	
	AGAVE ATTENUATA	FOX TAIL AGAVE	9	4' X 5'	3 GAL	LOW	
TURF & MULCH							
	3" DEPTH MULCH						

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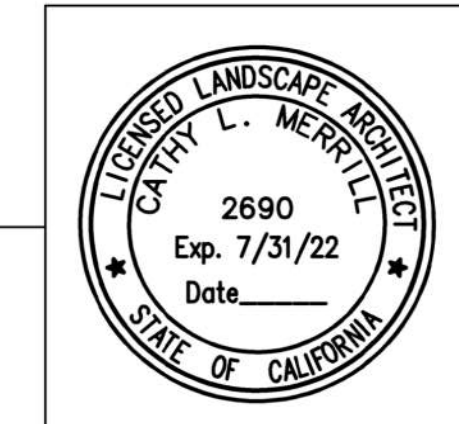
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 ENGINEERING MANAGEMENT BUREAU
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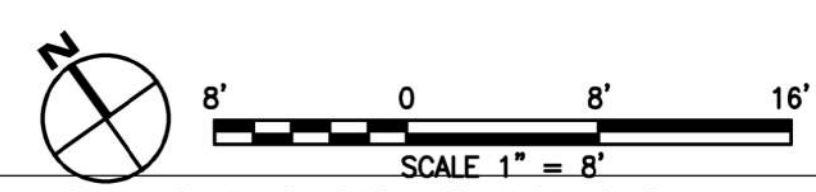
PLANTING PLAN

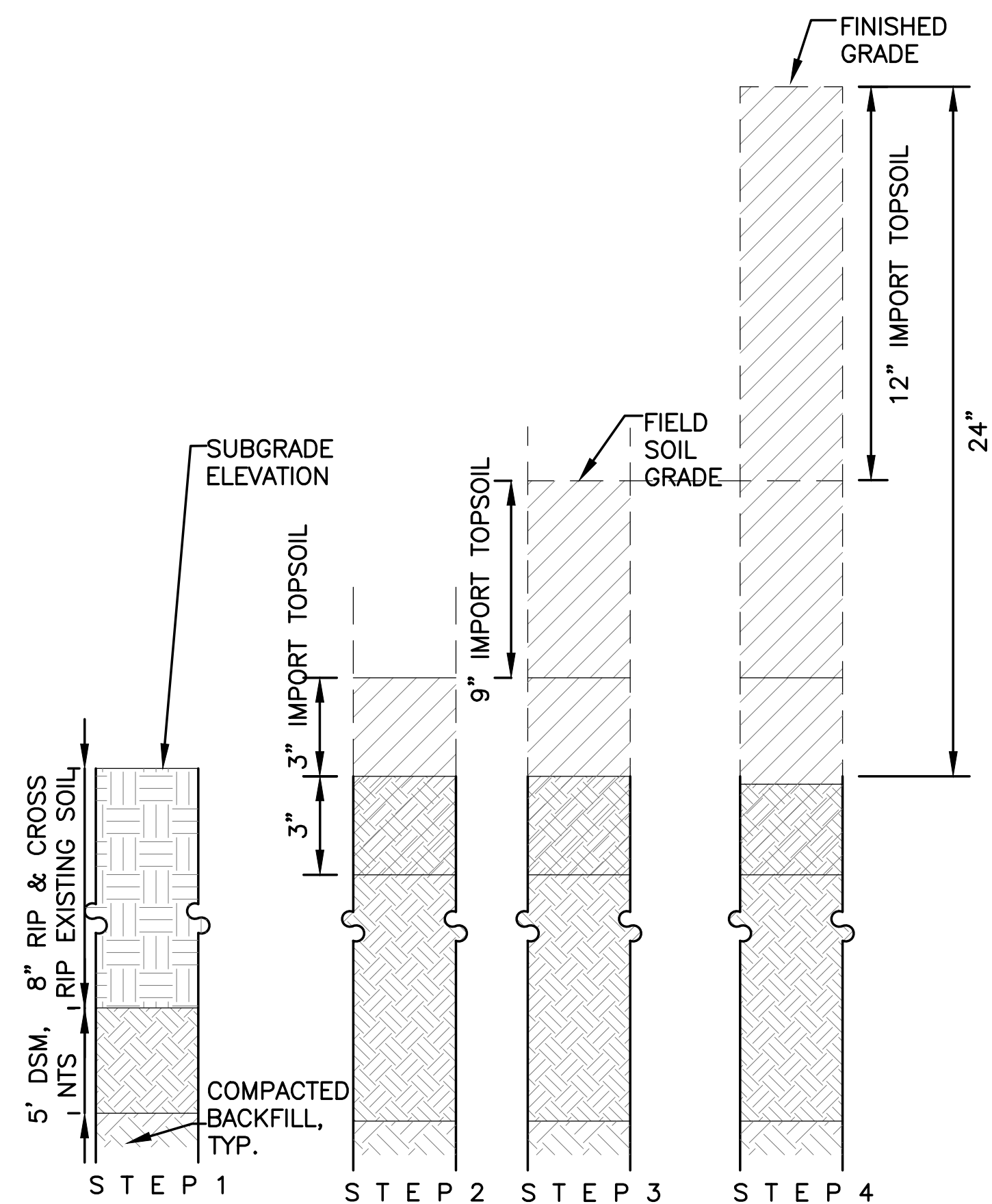
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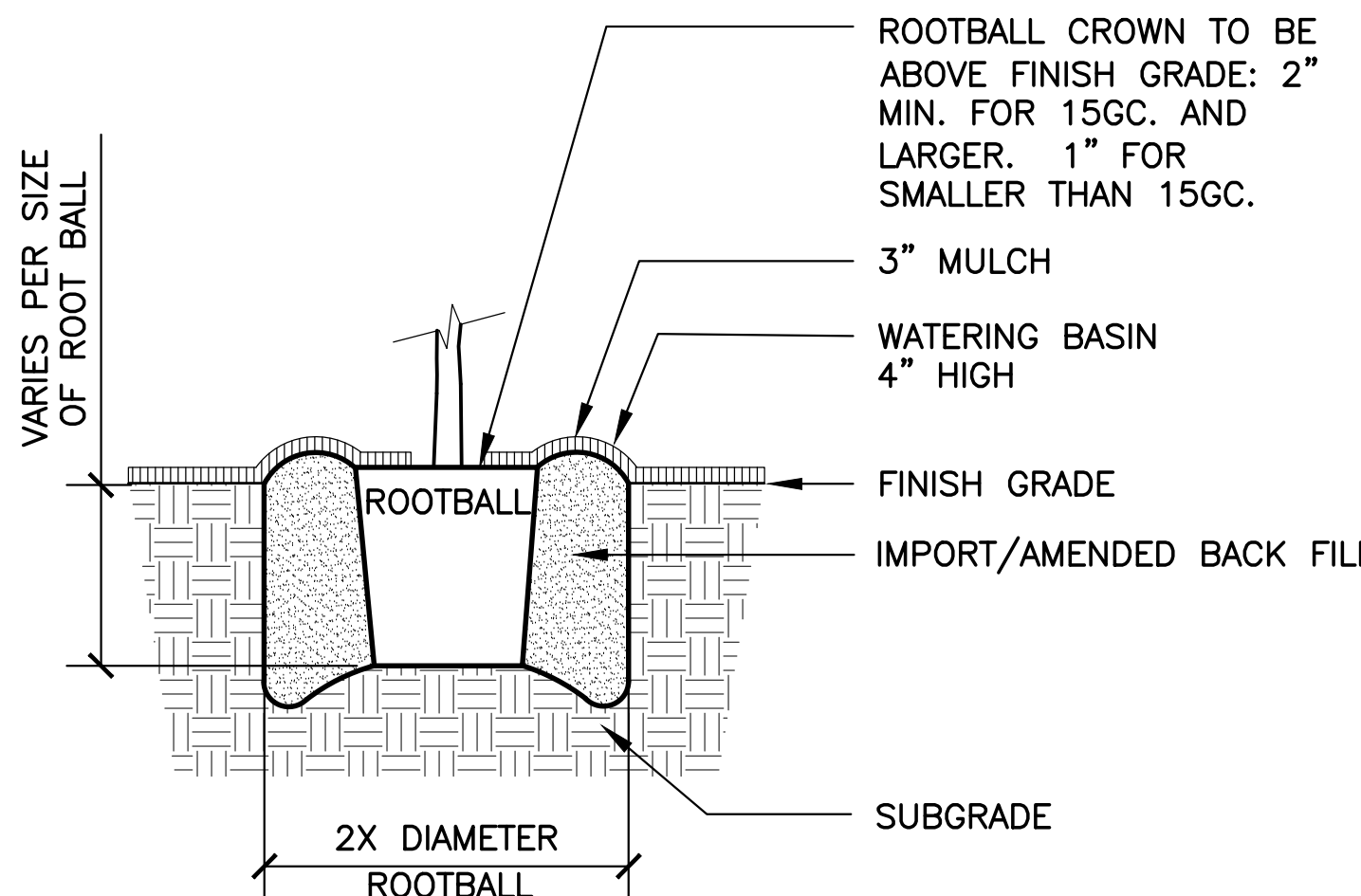




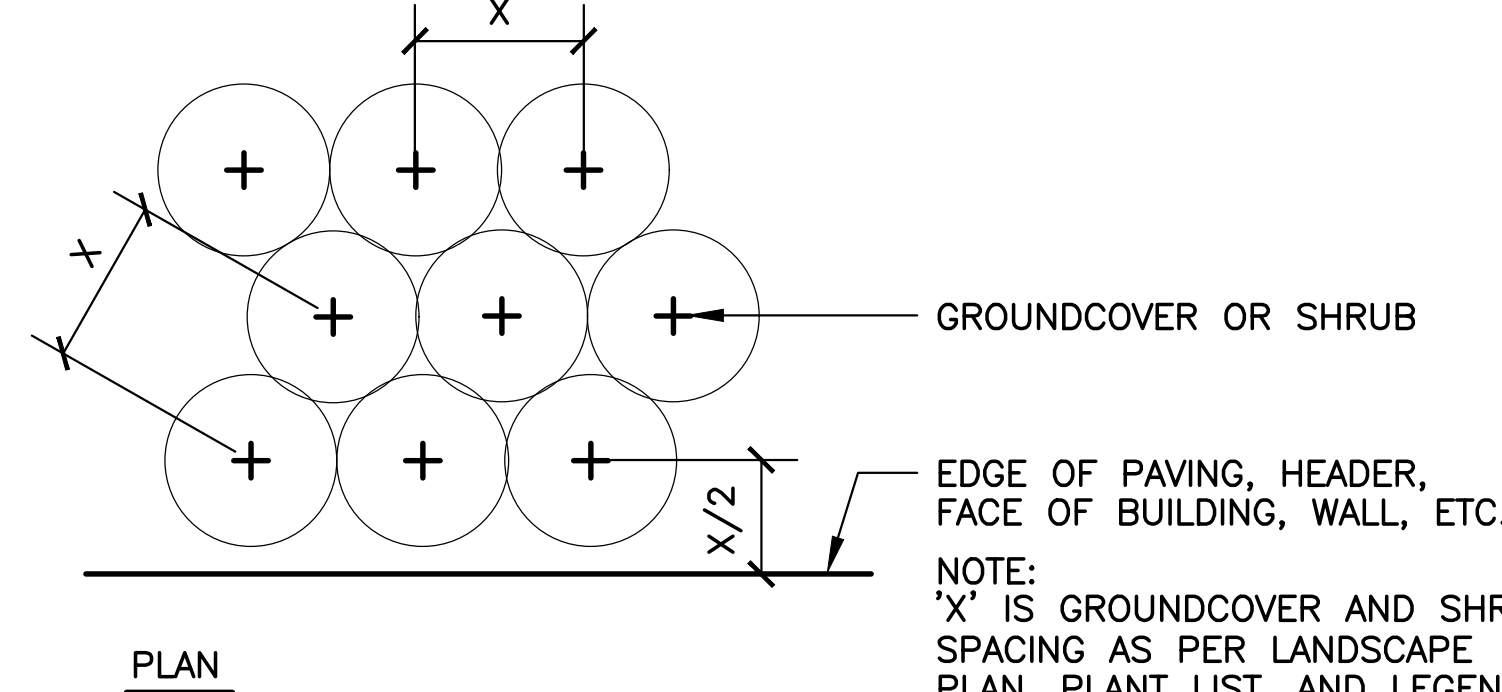
C SOIL AMENDMENT - IMPORT SCALE: N.T.S.

SOIL AMENDMENT SEQUENCE:
STEP 1. REMOVE EXISTING SOIL TO PROPOSED ELEVATIONS ON CIVIL PLAN. SEE CIVIL PLANS. RIP & CROSS RIP EXISTING SOIL 12" DEEP AND LOOSEN ALL COMPACTED AREAS TEETH MAX. 8" O.C.
STEP 2. PLACE 3" LAYER OF IMPORT TOPSOIL AND ROTOTILL INTO THE EXISTING SOIL 6" DEEP TO BREAK SOIL INTERFACE.
STEP 3. SPREAD 9" OF IMPORT TOPSOIL.
STEP 4. PLACE SOIL AMENDMENT & FERTILIZER PER SPECIFICATION AND PER REQUIREMENTS IDENTIFIED IN THE SOILS REPORT AND ROTOTILL 6" DEEP.

- NOTES:**
1. ROTOTILL ALL 3 PASSES TO 6" MIN. DEPTH.
 2. FOR SLOPES 3:1 AND GREATER, "POCKET PLANT" TOPSOIL & SOIL AMENDMENTS AT EACH PLANT HOLE.
 3. SEE SOILS PREPARATION PLANS.
 4. PREPARED SOILS DURING EACH LIFT AND FINAL INSTALLATION SHALL HAVE A COMPACTION RATE RANGE OF 75%-85% STANDARD PROCTOR.

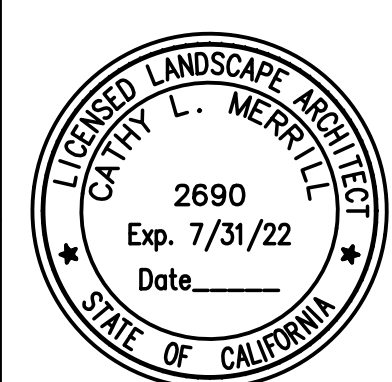


A PLANTING SECTION SCALE: N.T.S.



B GROUND COVER AND SHRUB SPACING SCALE: N.T.S.

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PLANTING DETAILS

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