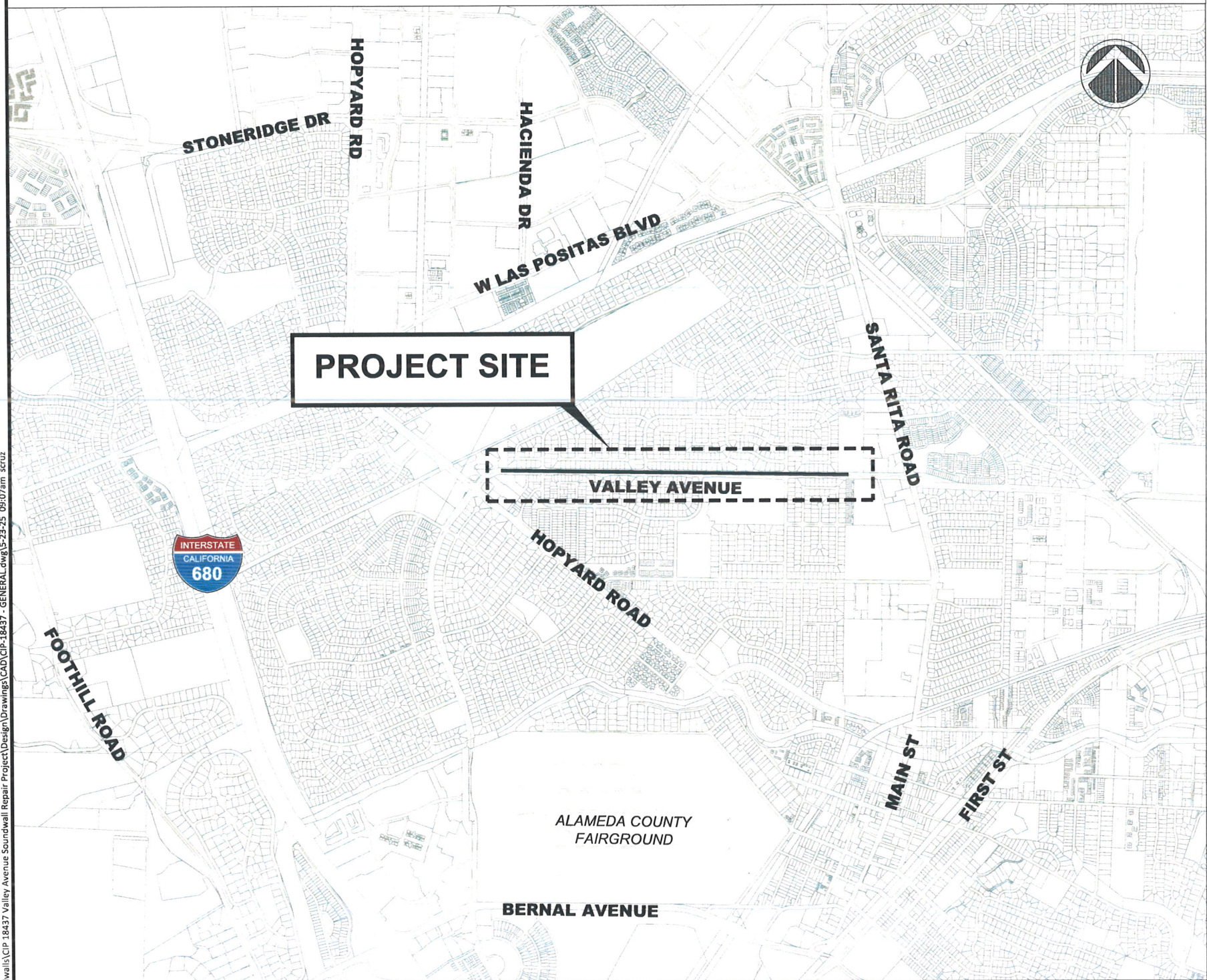


CITY OF PLEASANTON
PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION
VALLEY AVENUE SOUND WALLS REPAIR PROJECT - CIP NO. 18437
BID SET, JULY 9, 2025

LOCATION MAP



SHEET INDEX

SHEET NO.	DRAWING NO.	DESCRIPTION
1	G-1	TITLE SHEET
2	G-2	GENERAL NOTES
3	G-3	POLLUTION PREVENTION PLAN
4	C-1	UTILITY PLAN
5	C-2	UTILITY PLAN
6	S-1	PROJECT SPECIFICATIONS & NOTES
7	S-3	DETAILS

LEGEND

EXISTING:	
	SOUND WALL
	DRAINAGE INLET
	AT&T UTILITIES
	COMMUNICATION UTILITIES
	LEVEL 3 COMMUNICATION LINE
	PG&E ELECTRIC LINE
	PG&E GAS LINE
	STORM DRAIN LINE
	SANITARY SEWER LINE
	WATER LINE
	RIGHT OF WAY

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
COM	COMMUNICATION
CONC	CONCRETE
DET	DETAIL
DR	DRIVE
DWG	DRAWING
EX	EXISTING
MH	MANHOLE
MIN	MINIMUM
MAX	MAXIMUM
OC	ON CENTER
ST	STREET
SS	SANITARY SEWER
W/	WITH
"	INCH
'	FEET
Ø	DIAMETER
±	PLUS/MINUS

ADAM M. NELKIE, CITY ENGINEER



REV.	DATE	DESCRIPTION	 CITY OF PLEASANTON PUBLIC WORKS DEPARTMENT	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	VALLEY AVENUE SOUNDWALL REPAIR PROJECT		DESIGN: AN	SCALE: NTS	DWG NO. G-1 1 OF 7
					TITLE SHEET		DRAWN: SN	PROJECT NO.: CIP-18437	
							CHECKED: AN	DATE: May 11, 2025	
							TRAFFIC ENGINEER: MT		

GENERAL NOTES

1.

ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS AND ORDINANCES OF THE CITY OF PLEASANTON. STANDARD SPECIFICATIONS AND DETAILS ARE AVAILABLE AT THE ENGINEERING DEPARTMENT.
2.

THE PUBLIC WORKS DEPARTMENT (925-931-5650) SHALL BE NOTIFIED 24 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS.
3.

THE OFFICE OF PUBLIC WORKS INSPECTION (925-931-5690) SHALL BE NOTIFIED 24 HOURS PRIOR TO THE START OF ANY WORK BY THE CONTRACTOR OR SUBCONTRACTORS.
4.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS PRIOR TO CONSTRUCTION TO FIELD LOCATE UTILITIES. CONTACT UNDERGROUND SERVICE ALERT AT 800-642-2444. ANY ADDED COST ON THE PART OF THE CONTRACTOR AS A RESULT OF THE ACTUAL LOCATION OF EXISTING UTILITIES BEING DIFFERENT FROM THOSE SHOWN ON THE PLANS SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT UNIT PRICE.
5.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
6.

CONTRACTOR SHALL PROVIDE TRAFFIC AND PEDESTRIAN CONTROL INCLUDING FLAG PERSONS PER SPECIFICATIONS AND SHALL SUBMIT A TRAFFIC CONTROL PLAN SUBJECT TO THE APPROVAL OF THE CITY ENGINEER PRIOR TO THE START OF WORK.
7.

ALL EXISTING UTILITIES AND PRIVATE IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.
8.

SAFETY MEASURES: AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF PERSONS AND PROPERTY, (THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS) AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEWS OF THESE CONDITIONS. THE ENGINEER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
9.

THE CONTRACTOR SHALL PREPARE AND DISTRIBUTE A "GOOD NEIGHBOR LETTER" ADVISING EACH RESIDENCE & BUSINESS 48 HOURS PRIOR TO BEGINNING THE WORK.
10.

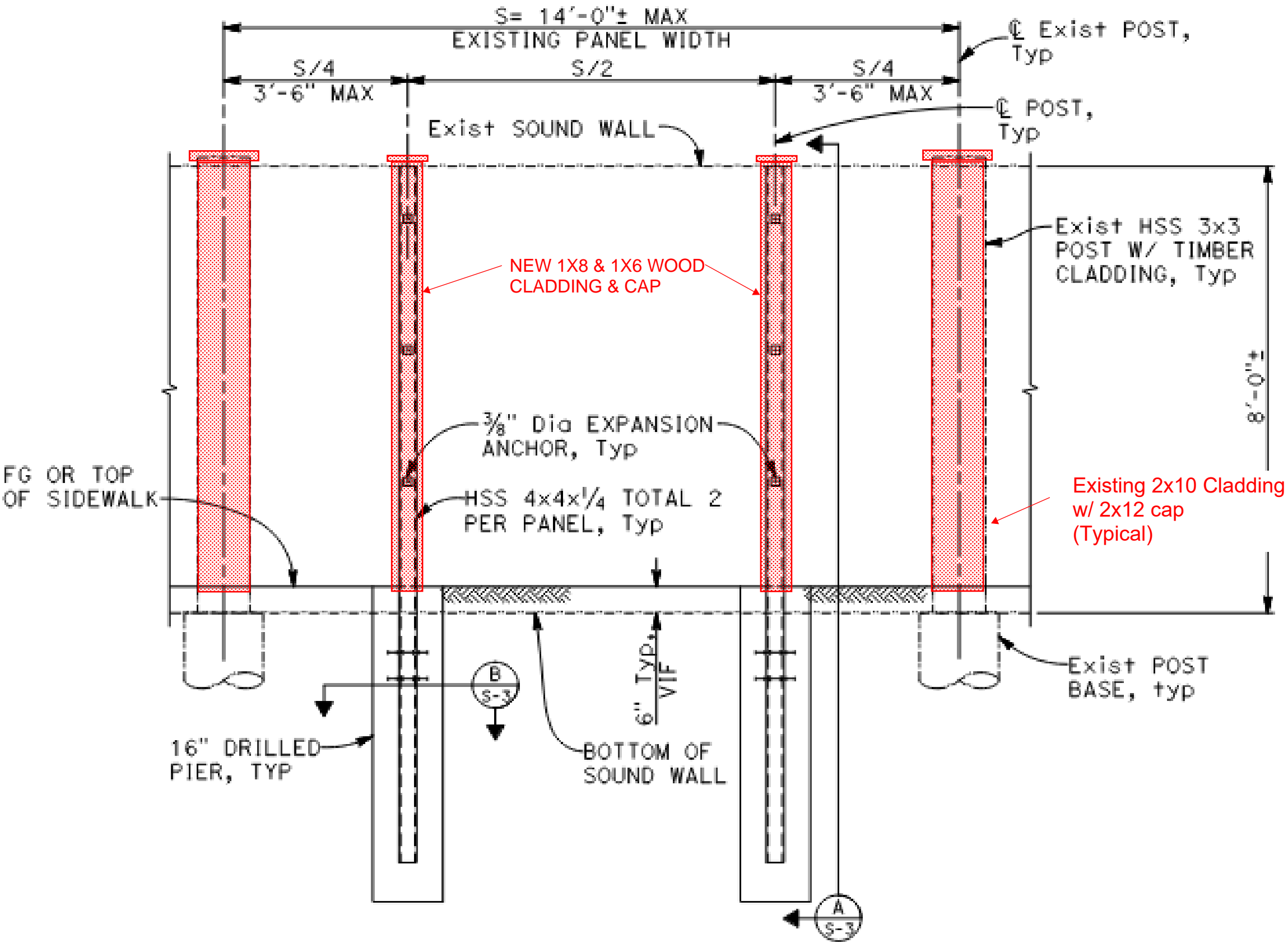
REFERENCE TO THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS MEANS THE MAY 2015 EDITIONS.
11.

CONTRACTOR SHALL REMOVE ALL U.S.A. MARKINGS.
12.

BACKGROUND AERIAL PROVIDED ON THE PROJECT PLANS IS FOR INFORMATION PURPOSES ONLY.
13.

HAUL ROUTE: (AS APPROVED BY THE PROJECT INSPECTOR).
14.

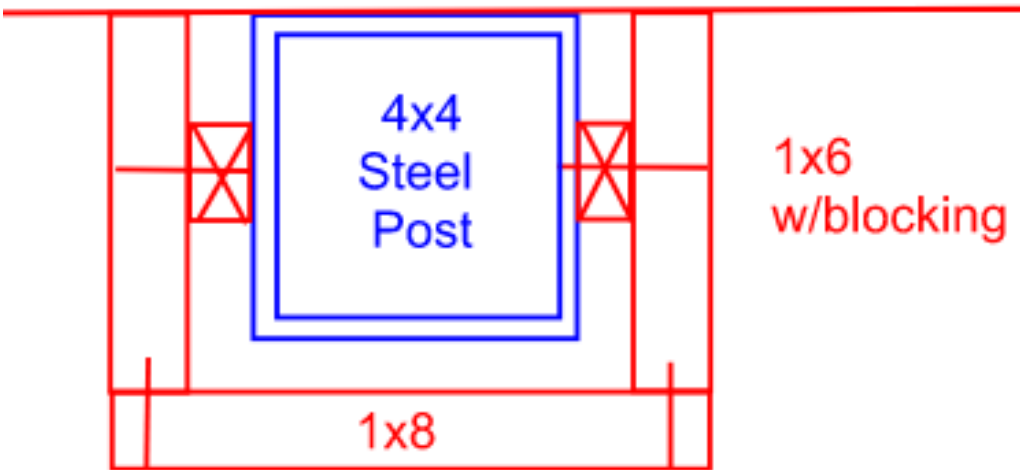
SOUND WALLS SHOWN ON PLANS ARE APPROXIMATE IN LOCATION.



ELEVATION

1/2" = 1'-0"

Wall



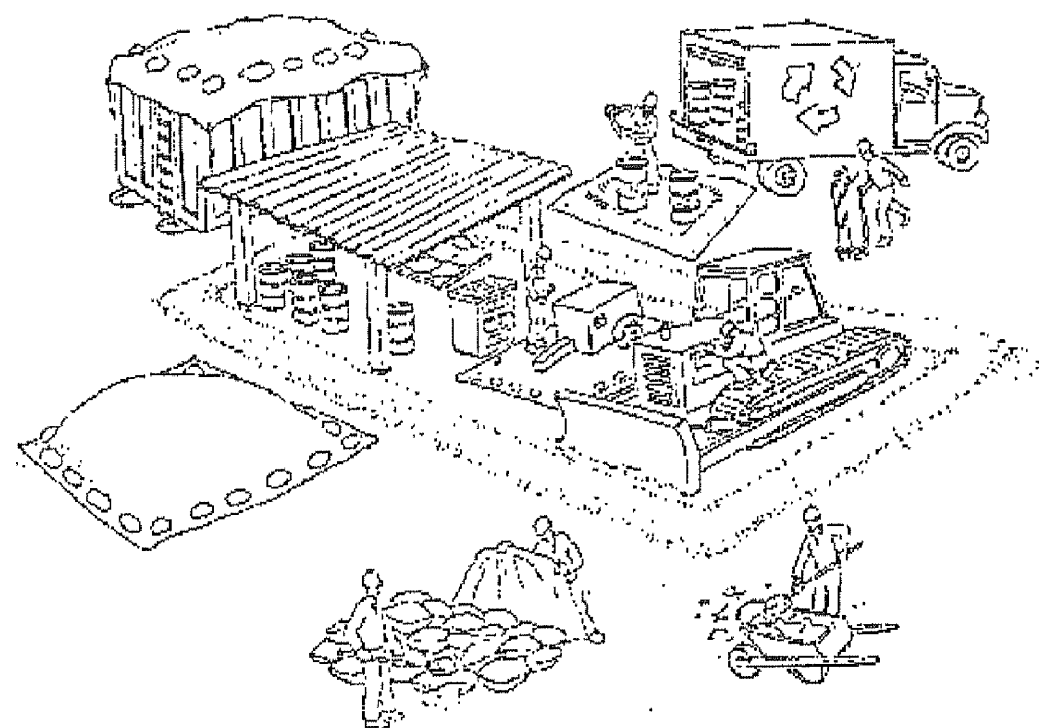
WOOD CLADDING DETAIL



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REV.	DATE	DESCRIPTION	THE CITY OF PLEASANTON.	CITY OF PLEASANTON PUBLIC WORKS DEPARTMENT	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	VALLEY AVENUE SOUNDWALL REPAIR PROJECT	DESIGN: AN	SCALE: NTS	DWG NO.
						GENERAL NOTES	DRAWN: SN	PROJECT NO.: CIP-18437	G-2
							CHECKED: AN	DATE: May 11, 2025	2 OF 7
							TRAFFIC ENGINEER: MT		

Pollution Prevention - It's Part of the Plan



Materials storage & spill cleanup

Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep or vacuum streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- ✓ Comply with City Ordinance for recycling construction materials, wood, gyp board, pipe, etc.
- ✓ Contact Pleasanton Garbage Service at 925-846-2042 for both recycling and debris disposal.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

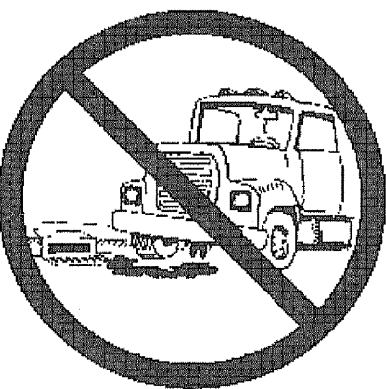
- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain.
- ✓ Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or the Livermore/Pleasanton Fire Department at 925-454-2330.

Make sure your crews and subs do the job right!

Runoff from streets and other paved areas are a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with the City of Pleasanton requirements. Contact the City of Pleasanton, Department of Engineering at (925) 931-5650, or for private onsite work, please contact the Building and Safety Division at (925) 931-5300.

Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



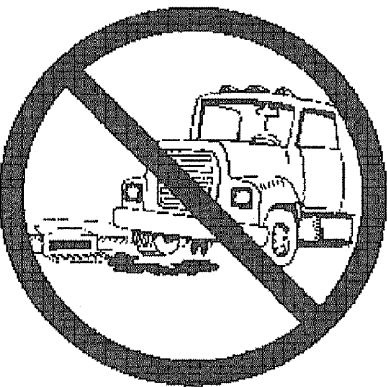
Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call Pleasanton's storm drain source control inspector, Brian Lorimer, before discharging water to a street, gutter, or storm drain (925-931-5511). Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing is required and how to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or sand/gravel bags to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.



Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with sand/gravel bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.

Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.
- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.



Painting

- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink.
- ✓ If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.




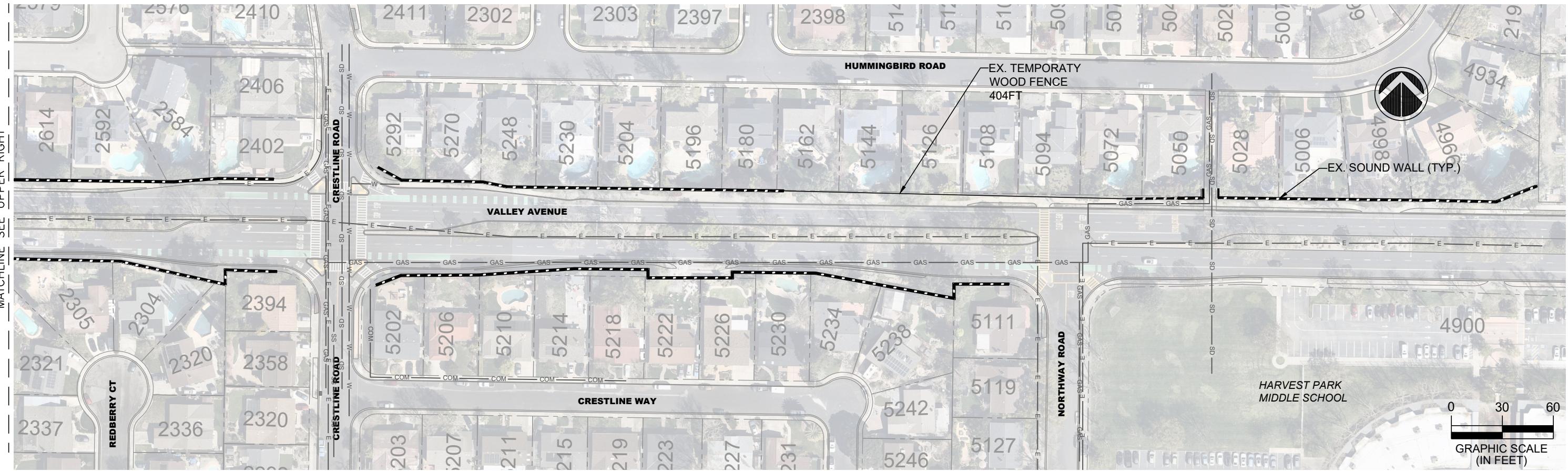
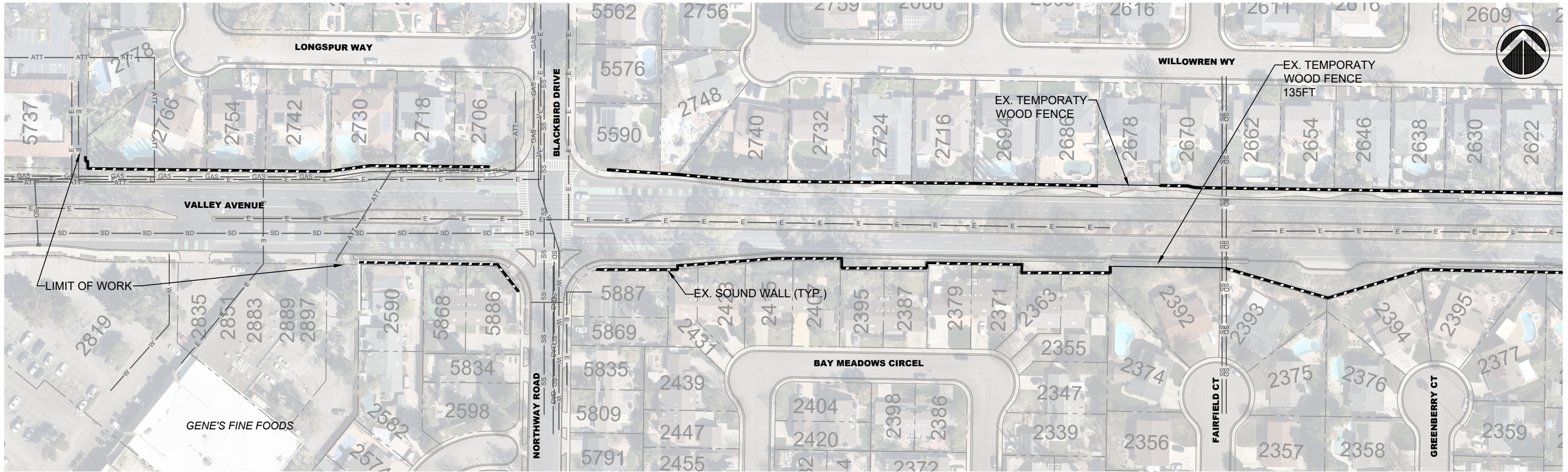
Storm drain polluters maybe liable for fines of \$10,000 or more per day!

Bay Area Stormwater Management
Agencies Association (BASMAA)
1-888-BAYWISE

For more detailed information:
Get a copy of the "Field Manual" -- (510) 622-2465 or
www.abag.ca.gov/bayarea/sfep/reports/construction.html

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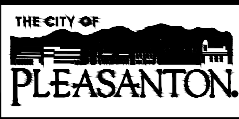
REV.	DATE	DESCRIPTION		CITY OF PLEASANTON PUBLIC WORKS DEPARTMENT	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	VALLEY AVENUE SOUNDWALL REPAIR PROJECT		DESIGN:	AN	SCALE:	NTS	DWG NO.
								DRAWN:	SN	PROJECT NO.: CIP-18437		G-3
						POLLUTION PREVENTION PLAN		CHECKED:	AN	DATE: May 11, 2025		
								TRAFFIC ENGINEER:	MT			



MATCHLINE SEE UPPER RIGHT

MATCHLINE SEE DRAWING C-2

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
PUBLIC WORKS DEPARTMENT

ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

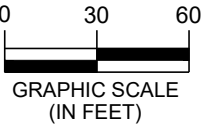
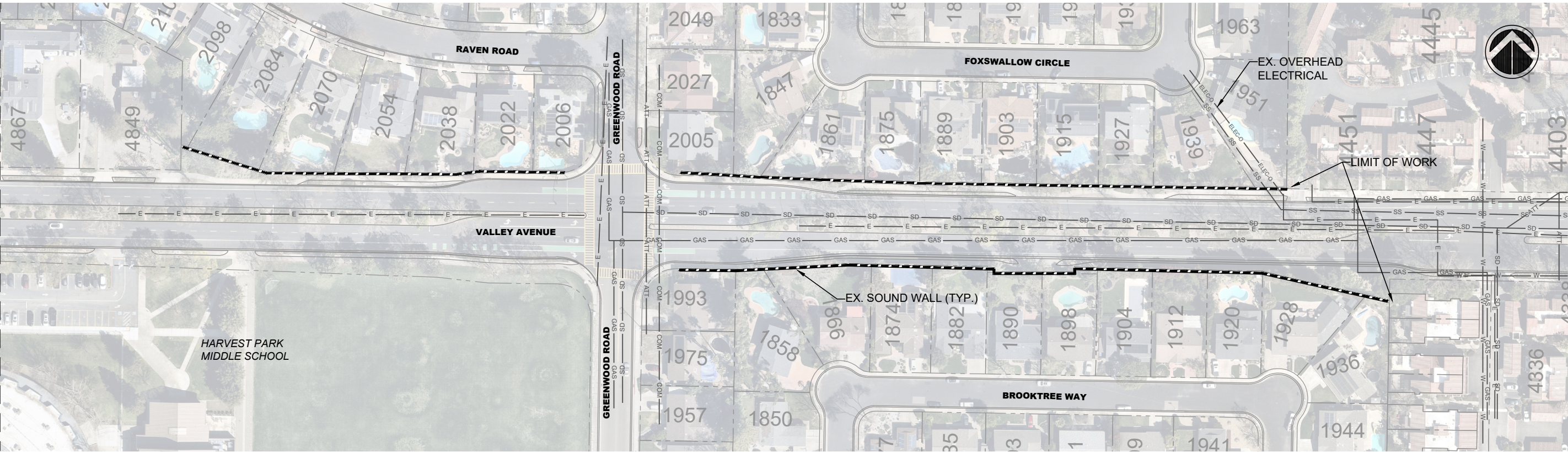
VALLEY AVENUE SOUNDWALL REPAIR PROJECT


UTILITY PLAN

DESIGN:	AN	SCALE:	AS SHOWN	DWG NO.
DRAWN:	SN	PROJECT NO.:	CIP-18437	C-1
CHECKED:	AN	DATE:	May 11, 2025	4 OF 7
TRAFFIC ENGINEER:	MT			

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MATCHLINE SEE DRAWING C-1



REV.	DATE	DESCRIPTION		CITY OF PLEASANTON PUBLIC WORKS DEPARTMENT	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	VALLEY AVENUE SOUNDWALL REPAIR PROJECT	DESIGN: AN	SCALE: AS SHOWN	DWG NO. C-2 5 OF 7
							DRAWN: SN		
						UTILITY PLAN	CHECKED: AN		
							TRAFFIC ENGINEER: MT	DATE: May 11, 2025	

FILENAME: 202300804S1 5:23:25 01:24pm SMH

PROJECT DATA

1. PLANS AND CALCULATIONS FOR THE STRUCTURAL DESIGN WERE BASED UPON:
- THE 2022 CALIFORNIA BUILDING CODE.
 - THE 2022 STATE OF CALIFORNIA STANDARD SPECIFICATIONS.

2. DESIGN DATA:

WIND: V = 90 MPH
RISK CATEGORY 1, EXPOSURE B
P = 16 psf

SEISMIC: P = 59 psf FOR NEW PANELS
P = 45 psf FOR EXISTING PANELS
Ss = 2.09g
S1 = 0.86g
SITE CLASS = D
Sds = 1.34g

LATERAL SOIL BEARING PRESSURE 100 pcf

EXISTING SOUND WALL PANEL
PANEL THICKNESS = 3" THICKNESS
CONCRETE COMPRESSIVE STRENGTH = 2500 PSI

SPECIFICATIONS CONT

CONCRETE ELEMENT	MIN. 28 DAY COMPRESSIVE STRENGTH	MAX. SIZE AGGREGATE (INCHES)	MAX. SLUMP (INCHES)	TOTAL AIR CONTENT (%)
POST PIER	2500	3/4	3	--
SIDEWALK CONCRETE MUST CONFORM TO CITY STANDARDS				

EARTHWORK

EARTHWORK MUST CONFORM TO THE PROVISIONS IN SECTION 19, "EARTHWORK," OF THE 2022 STATE OF CALIFORNIA STANDARD SPECIFICATIONS.

STRUCTURAL STEEL

THE CONTRACTOR SHALL PROVIDE MILL CERTIFICATES FOR EACH GRADE OF STEEL. MILL CERTIFICATES SHALL INCLUDE NAME OF MILL, DATE OF ROLLING, DATE OF SHIPPING, ULTIMATE TENSILE STRENGTH, YIELD STRENGTH, AND PERCENT OF ELONGATION. MILL CERTIFICATES SHALL BE FURNISHED WITH EACH LOT OF MATERIAL SHIPPED TO THE SITE AND SHALL BE SIGNED BY THE CONTRACTOR WHICH WILL SERVE TO CERTIFY THAT ALL STRUCTURAL STEEL MATERIALS INSTALLED COMPLY WITH SPECIFIED REQUIREMENTS.

STRUCTURAL TUBING: ASTM A500, Grade C.

THREADED ROD AND NUTS: ASTM F1554 Gr. 36 MANUFACTURED TO AMERICAN STANDARD BOLT AND NUT DIMENSIONS.

WASHERS SHALL BE FLAT CIRCULAR AND SHALL CONFORM TO ASTM F844. WASHER FINISH SHALL MATCH NUT.

FABRICATION

THE FABRICATOR SHALL PROVIDE QUALITY CONTROL INSPECTIONS FOR WELDING SHOP FABRICATE TO GREATEST EXTENT POSSIBLE.

FINISH

GALVANIZING:
GALVANIZE ALL STEEL
GALVANIZING OF PRODUCTS FABRICATED FROM ROLLED, PRESSED
AND FORGED STEEL SHAPES, PLATES, BARS AND STRIP
1/8 INCH THICK OR THICKER, SHALL CONFORM TO ASTM A123.

OBSTRUCTIONS

ATTENTION IS DIRECTED TO SECTIONS 8-1.10, "UTILITY AND NON-HIGHWAY FACILITIES," AND 15, "EXISTING HIGHWAY FACILITIES," OF THE STANDARD SPECIFICATIONS AND THESE SPECIAL PROVISIONS.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE EXISTENCE OF CERTAIN UNDERGROUND FACILITIES THAT MAY REQUIRE SPECIAL PRECAUTIONS BE TAKEN BY THE CONTRACTOR TO PROTECT THE HEALTH, SAFETY AND WELFARE OF WORKMEN AND OF THE PUBLIC.

THE CONTRACTOR MUST NOTIFY THE ENGINEER AND THE APPROPRIATE REGIONAL NOTIFICATION CENTER FOR OPERATORS OF SUBSURFACE INSTALLATIONS AT LEAST 5 WORKING DAYS, BUT NOT MORE THAN 14 CALENDAR DAYS, PRIOR TO PERFORMING ANY EXCAVATION OR OTHER WORK CLOSE TO ANY UNDERGROUND PIPELINE, CONDUIT, DUCT, WIRE OR OTHER STRUCTURE. REGIONAL NOTIFICATION CENTERS INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

NOTIFICATION CENTER	TELEPHONE NUMBER
UNDERGROUND SERVICE	1-800-642-2444
ALERT-NORTHERN CALIFORNIA (USA)	1-800-227-2600
UNDERGROUND SERVICE	1-800-422-4133
ALERT-SOUTHERN CALIFORNIA (USA)	1-800-227-2600

TESTING AND SPECIAL INSPECTION

STRUCTURAL SPECIAL INSPECTION AND TESTING

GENERAL
THESE PROVISIONS SHALL GOVERN THE QUALITY, WORKMANSHIP, AND REQUIREMENTS FOR WORK COVERED. MATERIALS OF CONSTRUCTION AND TESTS SHALL CONFORM TO THE APPLICABLE STANDARDS LISTED. THE CONTRACTOR SHALL PROVIDE A MINIMUM 48 HOUR NOTICE TO THE SPECIAL INSPECTION AGENCY FOR WORK THAT REQUIRES SPECIAL INSPECTION. THE CONTRACTOR SHALL PROVIDE THE SPECIAL INSPECTOR WITH THE USE OF A LIFT OR OTHER EQUIPMENT AS REQUIRED TO ALLOW ACCESS TO THE WORK THAT REQUIRES INSPECTION. THE CONTRACTOR SHALL PROVIDE THE SPECIAL INSPECTOR ACCESS TO THE APPROVED PLANS AND SPECIFICATIONS AND RETAIN SPECIAL INSPECTION RECORDS AT THE JOB-SITE.

PRECONSTRUCTION MEETING

A PRECONSTRUCTION MEETING THAT INCLUDES PROJECT SUPERINTENDENT, INSPECTOR & ENGINEER IS REQUIRED. MEETING MINUTES MUST BE REVIEWED & APPROVED BY THE ENGINEER OF RECORD PRIOR TO BEGINNING WORK.

DEFINITIONS

CONTINUOUS SPECIAL INSPECTION: THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.

PERIODIC SPECIAL INSPECTION: THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.

REFERENCE STANDARDS (EDITIONS ADOPTED BY CURRENT GOVERNING CALIFORNIA BUILDING CODE)

- CBC - CALIFORNIA BUILDING CODE 2022 AND ALL STANDARDS REFERENCED BY THE CBC
- AISC 360 - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS; AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC
- ACI 318 - BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY; AMERICAN CONCRETE INSTITUTE
- ASTM - ASTM INTERNATIONAL

REPORT REQUIREMENTS

SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS, AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT THE WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING THE REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON PRIOR TO THE START OF THE WORK BY THE PERMIT APPLICANT AND THE BUILDING OFFICIAL.

SCHEDULE OF STRUCTURAL INSPECTION AND TESTING

CONSTRUCTION TYPE	REQUIRED SPECIAL INSPECTIONS	CONTINUOUS	PERIODIC
STRUCTURAL STEEL	CONFIRM IDENTIFICATION MARKINGS CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS		X
	REVIEW MANUFACTURER'S CERTIFICATE OF COMPLIANCE INCLUDING CERTIFIED MATERIAL TEST REPORTS AND CERTIFICATIONS		X
	GALVANIZED STEEL MEMBERS AND ANCHOR ROD LAYOUT AND DIMENSIONS		X
	VERIFY FINISH AND DIMENSIONAL TOLERANCE, AND PROTECTED ZONE RESTRICTIONS		X
POST-INSTALLED ANCHORS	ANCHOR/BAR TYPE, DIAMETER, LENGTH AND CLEANLINESS		X
	HOLE LOCATION, DIAMETER, DEPTH AND CLEANLINESS		X
	ANCHOR/BAR EMBEDMENT, SPACING AND EDGE DISTANCE		X
	ADHERENCE TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS		X
	ADHESIVE AND ANCHOR/BAR INSTALLATION PER ICCIAPMO EVALUATION REPORT		X
	TIGHTENING TORQUE WITH CALIBRATED TORQUE WRENCH REACHING SPECIFIED TORQUE WITHIN A 1/2 TURN OF SEATING (IMPORTANT: VERIFY WITH ICCIAPMO REPORT WHETHER MAXIMUM OR MINIMUM TORQUE)		X
CAST-IN-PLACE PILES (INSPECTIONS REQUIRED IN ADDITION TO THOSE REQUIRED FOR CONCRETE OR STEEL) - CBC SECTION 1705.8	DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT		X
	PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE) AND LENGTHS. RECORD CONCRETE OR GROUT VOLUMES.		X

SPECIFICATIONS

GENERAL

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT GOVERNING EDITION OF THE CALIFORNIA BUILDING CODE AND CALTRANS STANDARDS EXCEPT WHERE NOTED BELOW.

CONCRETE

CONCRETE SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 301 & 318 - CURRENT EDITION. CONCRETE SHALL BE READY-MIXED CONCRETE IN ACCORDANCE WITH ASTM C94.

MAXIMUM WATER-CEMENT RATIO, BY WEIGHT SHALL BE AS FOLLOWS:



28 DAY COMPRESSIVE STRENGTH	NON-AIR ENTRAINED	AIR ENTRAINED
2500 PSI CONCRETE	.62	.58

AT THE CONTRACTOR'S OPTION, AN AIR ENTRAINING AGENT CONFORMING TO THE LATEST REVISION OF ASTM SPECIFICATION C260 MAY BE ADDED TO THE CONCRETE TO PROVIDE SPECIFIED AMOUNTS OF ENTRAINED AIR. CEMENT SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PORTLAND CEMENT PER ASTM DESIGNATION C150, TYPE II.

DRAWING INDEX

- S-1 VALLEY AVE SOUND WALL - SPECIFICATIONS AND NOTES
S-2 VALLEY AVE SOUND WALL - SITE PLAN
S-3 VALLEY AVE SOUND WALL - DETAILS

SYMBOLS

1.  SECTION LETTER OR DETAIL NUMBER
 DRAWING NUMBER WHERE SECTION OR DETAIL IS DRAWN

ABBREVIATIONS

Ø	AT DIAMETER NUMBER	LS	LAG SCREW(S)
#		LL	LIVE LOAD
		LLBB	LONG LEGS BACK TO BACK
AB	ANCHOR BOLT	LLH	LONG LEG HORIZONTAL
APPROX	APPROXIMATE(LY)	LLV	LONG LEG VERTICAL
ARCH.	ARCHITECT(URAL)	LW	LIGHT WEIGHT
		MB	MACHINE BOLT(S)
BLK	BLOCK	MAX	MAXIMUM
BLKG	BLOCKING	MECH	MECHANICAL
BLDG	BUILDING	MFR	MANUFACTURER
BM	BEAM	MIN	MINIMUM
BN	BOUNDARY NAILING	MISC	MISCELLANEOUS
BOT	BOTTOM		
BOF	BOTTOM OF FOOTING	(N)	NEW
BW	BOTTOM OF WALL	NIC	NOT IN CONTRACT
		No.	NUMBER
CL	CENTER LINE	NOM	NOMINAL
CBC	CALIFORNIA BLDG CODE	NS	NEAR SIDE
QIDH	CAST IN DRILLED HOLE	NTS	NOT TO SCALE
CJ	CONSTRUCTION JOINT		
CJP	COMPLETE JT PENETRATION	OC	ON CENTER
CLR	CLEAR	OD	OUTSIDE DIAMETER
CLSM	CONTROLLED LOW STRENGTH MATERIALS	OH	OPPOSITE HAND
	CORRODED METAL PIPE	OWSJ	OPEN WEB STEEL JOIST
CMP	CONCRETE MASONRY UNIT		
CMU		#	METAL PLATE
COL	COLUMN	PDF	POWDER DRIVEN FASTENER
CONC	CONCRETE	PTDF	PRESS. TREATED DOUG. FIR
CONN	CONNECTION	PLY	PLYWOOD
CONST	CONSTRUCTION	PJP	PARTIAL JOINT PENETRATION
CONT	CONTINUOUS	PSF	POUNDS PER SQUARE FOOT
CSK	COUNTERSINK	PSI	POUNDS PER SQUARE INCH
		PT	POINT OR POST TENSION
DBL	DOUBLE		
DCW	DEMAND CRITICAL WELD	R	RADIUS
DET	DETAIL	RCP	REINF CONC PIPE
DF	DOUGLAS FIR	REINF	REINFORCED, REINFORCING
DIAG	DIAGONAL	REQ'D	REQUIRED
DN	DOWN		
DWG	DRAWING	S.A.D.	SEE ARCH. DRAWINGS
		SCHED	SCHEDULE
(E)	EXISTING	SFRS	SEISMIC FORCE RESISTING SYSTEM
EA	EACH	SHT	SHEET
EF	EDGE FASTENING	SHTG	SHEATHING
EL	ELEVATION	SIM	SIMILAR
ELEV	ELEVATOR	SM	SHEETMETAL
EN	EDGE NAILING	SMS	SHEET METAL SCREW
EQ	EQUAL	SPEC(S)	SPECIFICATION(S)
EW	EACH WAY	SQ	SQUARE
		STD	STANDARD
FG	FINISH(ED) GRADE	STS	SELF TAPPING SCREW
FIN	FINISH(ED)	SYM	SYMMETRICAL
FND	FOUNDATION		
FOC	FACE OF CONCRETE	T&G	TONGUE AND GROOVE
FS	FAR SIDE	TBR	TO BE REMOVED
FTG	FOOTING	T.O.	TOP OF
		TOP	TOP OF FOOTING
Go	GAUGE	T.O.P.	TOP OF PLATE
GALV	GALVANIZED	TOS	TOP OF SLAB OR STEEL
GL	GLUED LAMINATED BEAM	TOSW	TOP OF STEM WALL
		TW	TOP OF WALL
HEX	HEXAGONAL	TYP	TYPICAL
HGR	HANGER		
HORIZ	HORIZONTAL		
HSB	HIGH STRENGTH BOLT	UON	UNLESS OTHERWISE NOTED
HSS	HOLLOW STRUCT SECTION		
HT	HEIGHT	VERT	VERTICAL
IBC	INTERNATIONAL BLDG CODE	W/	WITH
ID	INSIDE DIAMETER	WF	WIDE FLANGE
INSP	INSPECTION/INSPECTOR	WP	WATERPROOF OR WORK POINT
		WPS	WELDING PROCEDURE SPECS
JT	JOINT	WT	WEIGHT

NOTES

GENERAL

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT GOVERNING EDITION OF THE CALIFORNIA BUILDING CODE.

CONSTRUCTION LIABILITY

THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS AGREE THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT LIMITED TO NORMAL WORKING HOURS. THE CONSTRUCTION CONTRACTOR AND HIS SUBCONTRACTORS FURTHER AGREE TO DEFEND, INDEMNIFY AND HOLD THE DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DESIGN PROFESSIONAL.

SUBMITTALS FOR ENGINEER'S REVIEW WILL BE REQUIRED AS FOLLOWS:

- A. PILE INSTALLATION PLAN
B. STRUCTURAL STEEL SHOP DRAWINGS

CONTRACTOR MUST SUBMIT ELECTRONIC PDF SUBMITTALS FOR REVIEW. FABRICATION MUST NOT PROCEED UNTIL SUBMITTALS HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER.

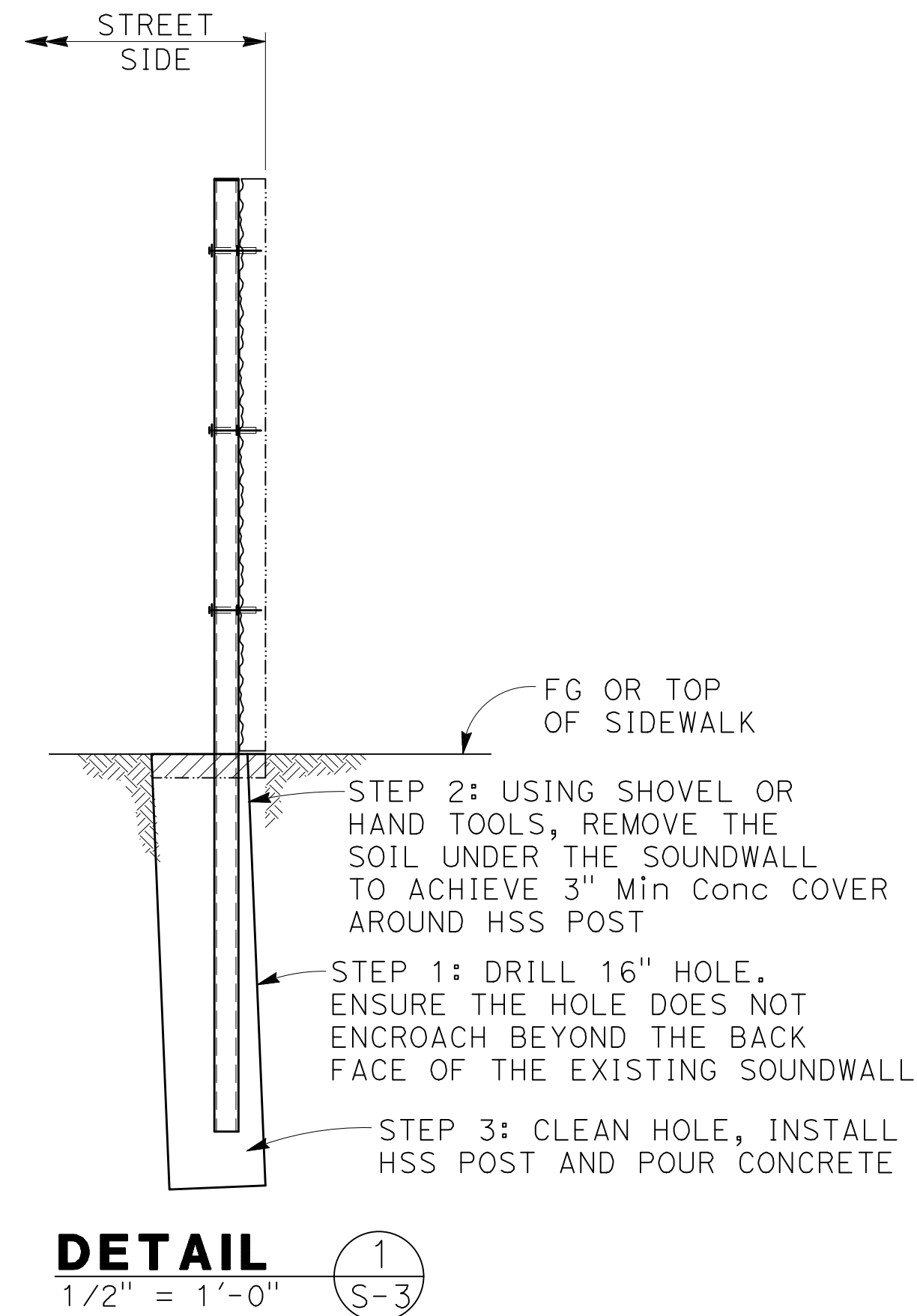
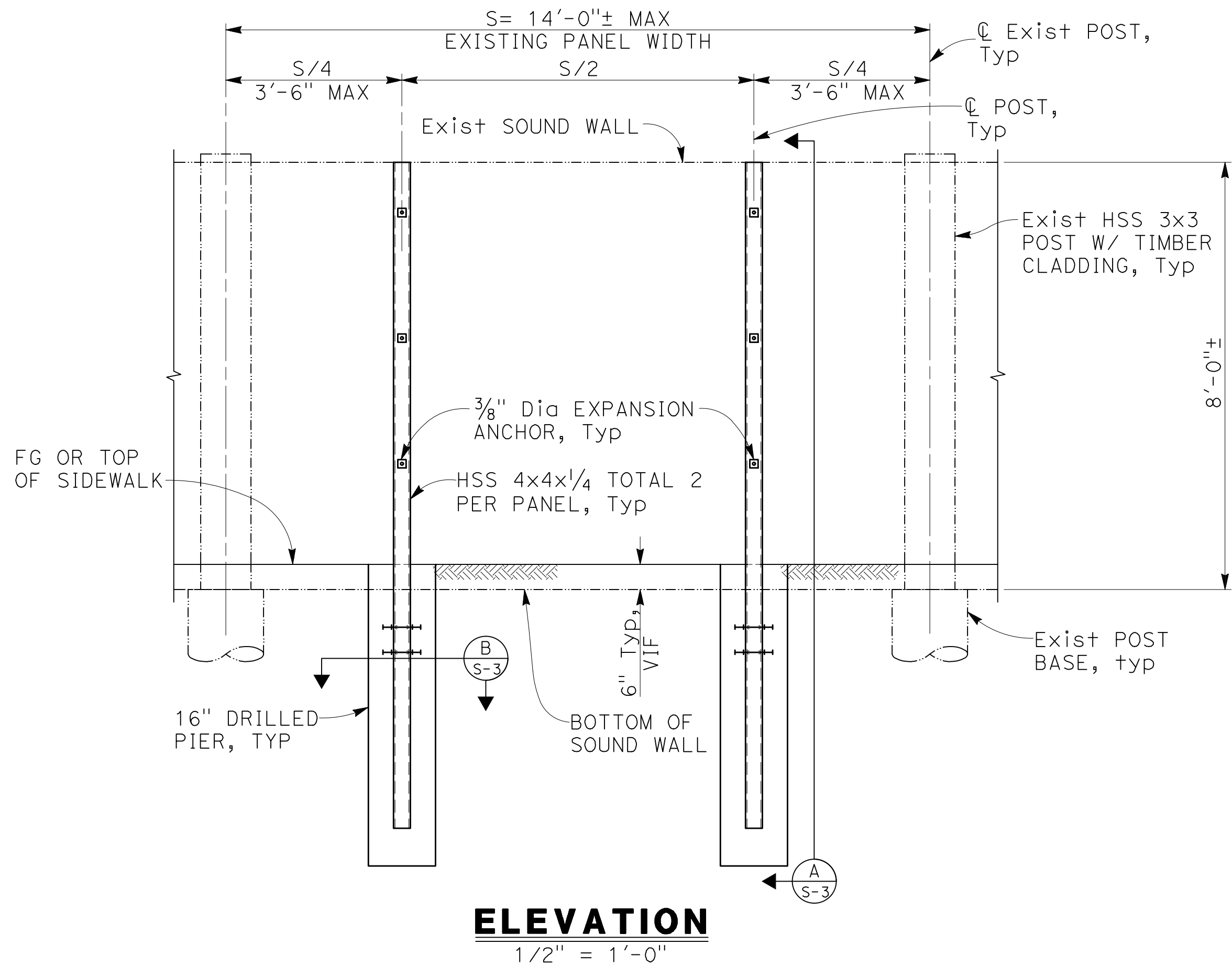
BIGGS CARDOSA ASSOCIATES INC
STRUCTURAL ENGINEERS

865 The Alameda
San Jose, California 95126
408-298-5515

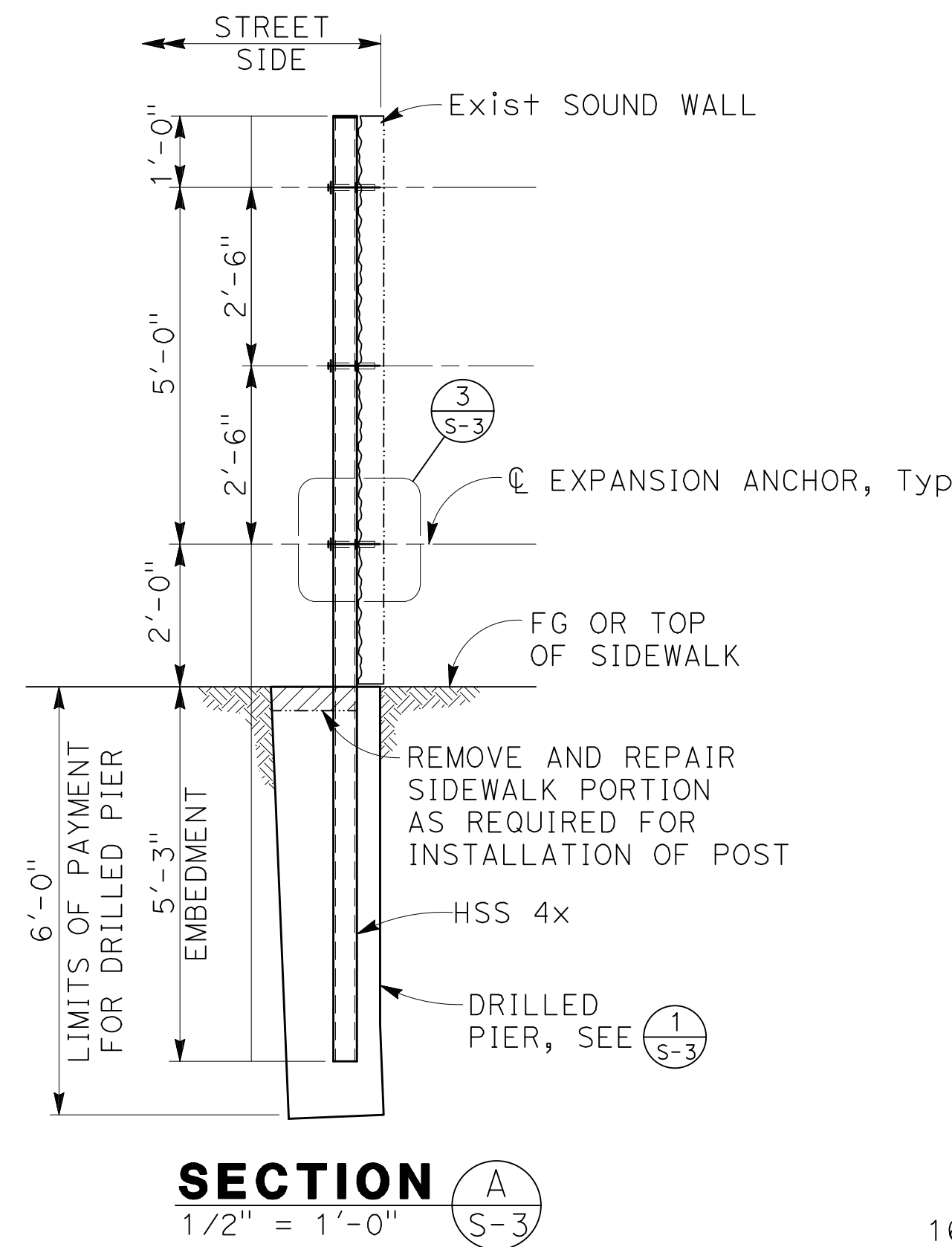
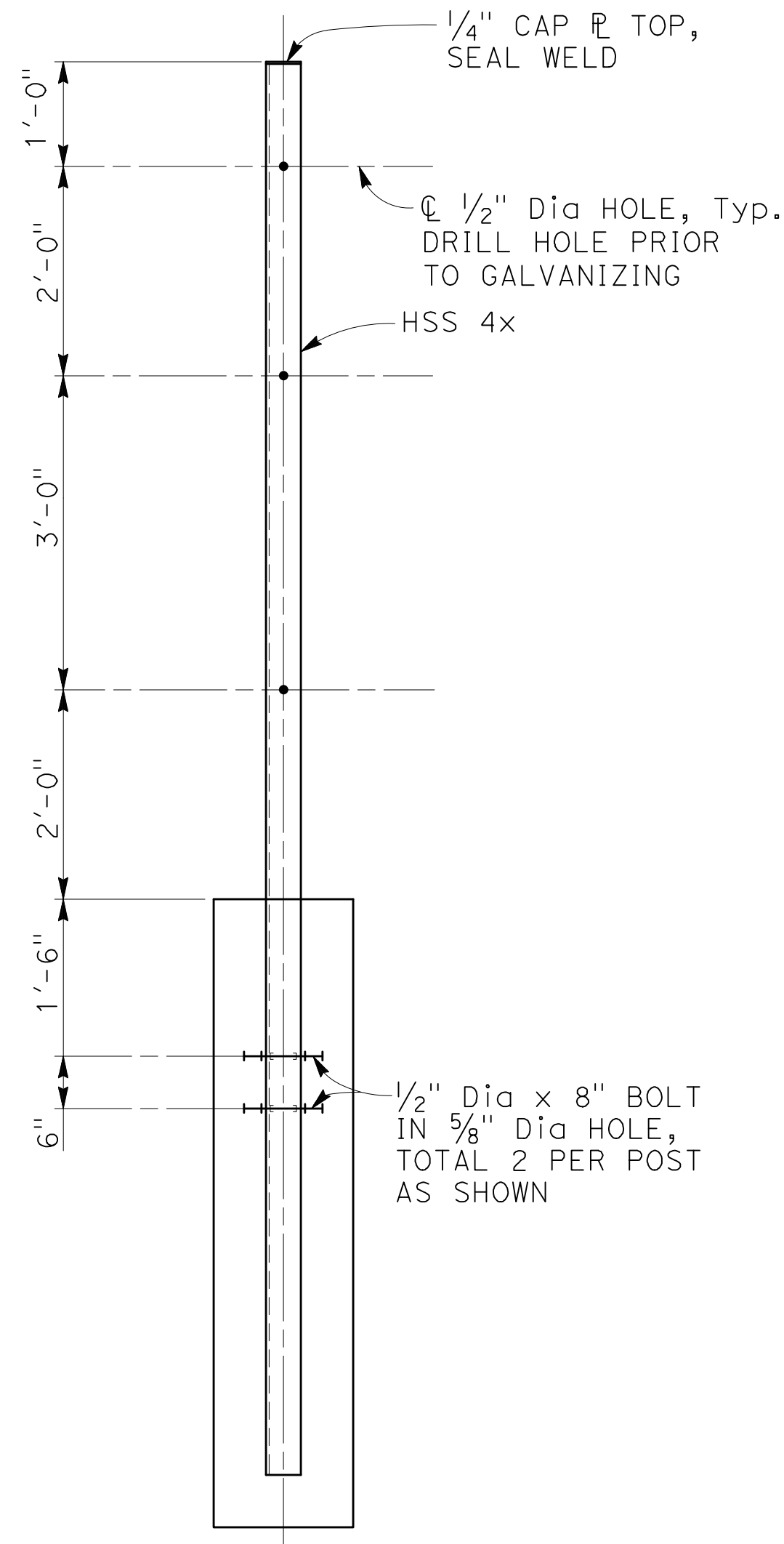


BCR

REV.	DATE	DESCRIPTION	 CITY OF PLEASANTON PUBLIC WORKS DEPARTMENT	ADAM M. NELKIE CITY ENGINEER NO. 78830 EXP. 9/30/25	VALLEY AVENUE SOUND WALL REPAIR PROJECT			DESIGN: NBP	SCALE: AS SHOWN	DWG NO. S-1 OF
					VALLEY AVE SOUND WALL - SPECIFICATIONS AND NOTES			DRAWN: SMH	PROJECT NO.: CIP-18437	
								CHECKED: SH1	DATE: 5/23/25	
								TRAFFIC ENGINEER:		

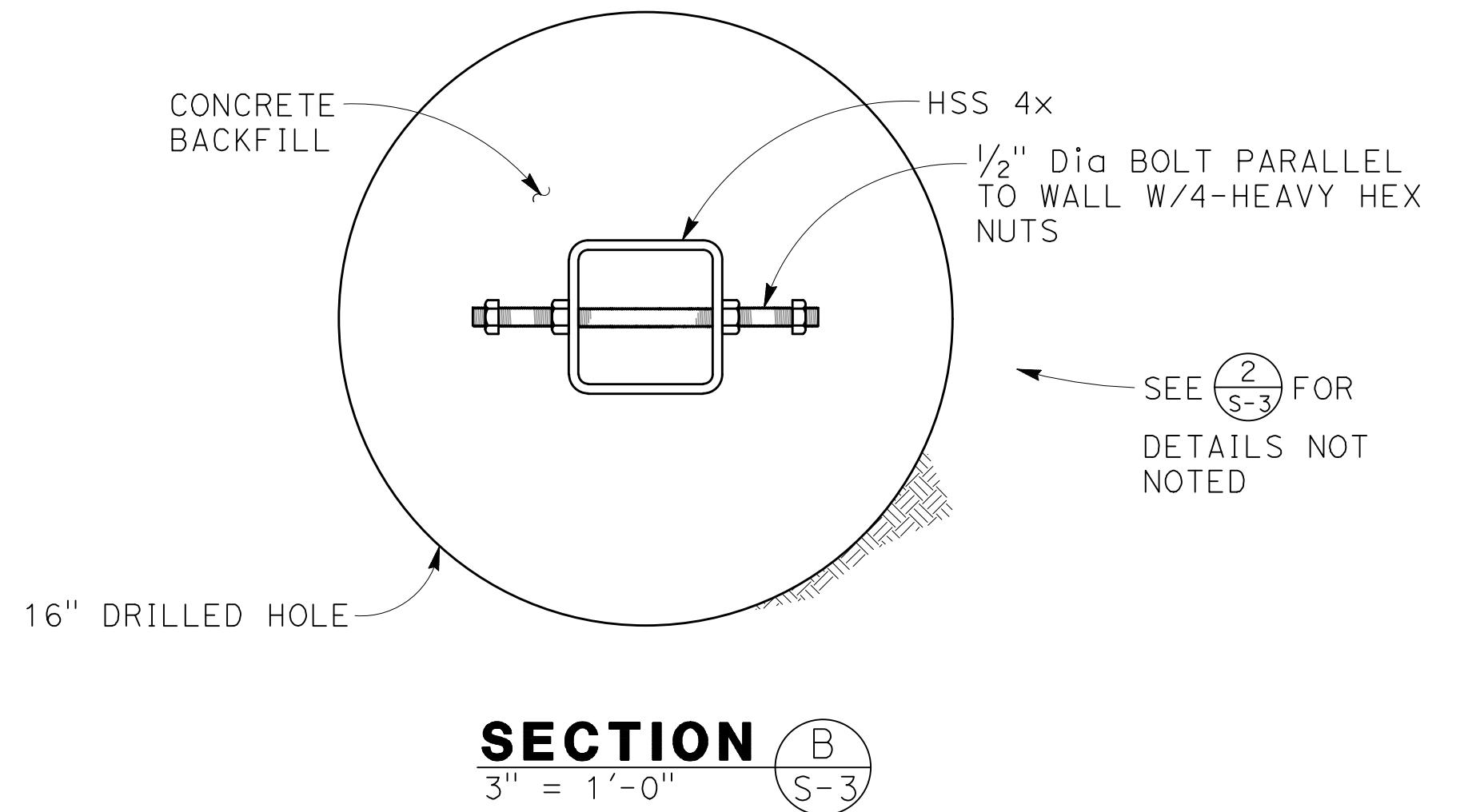
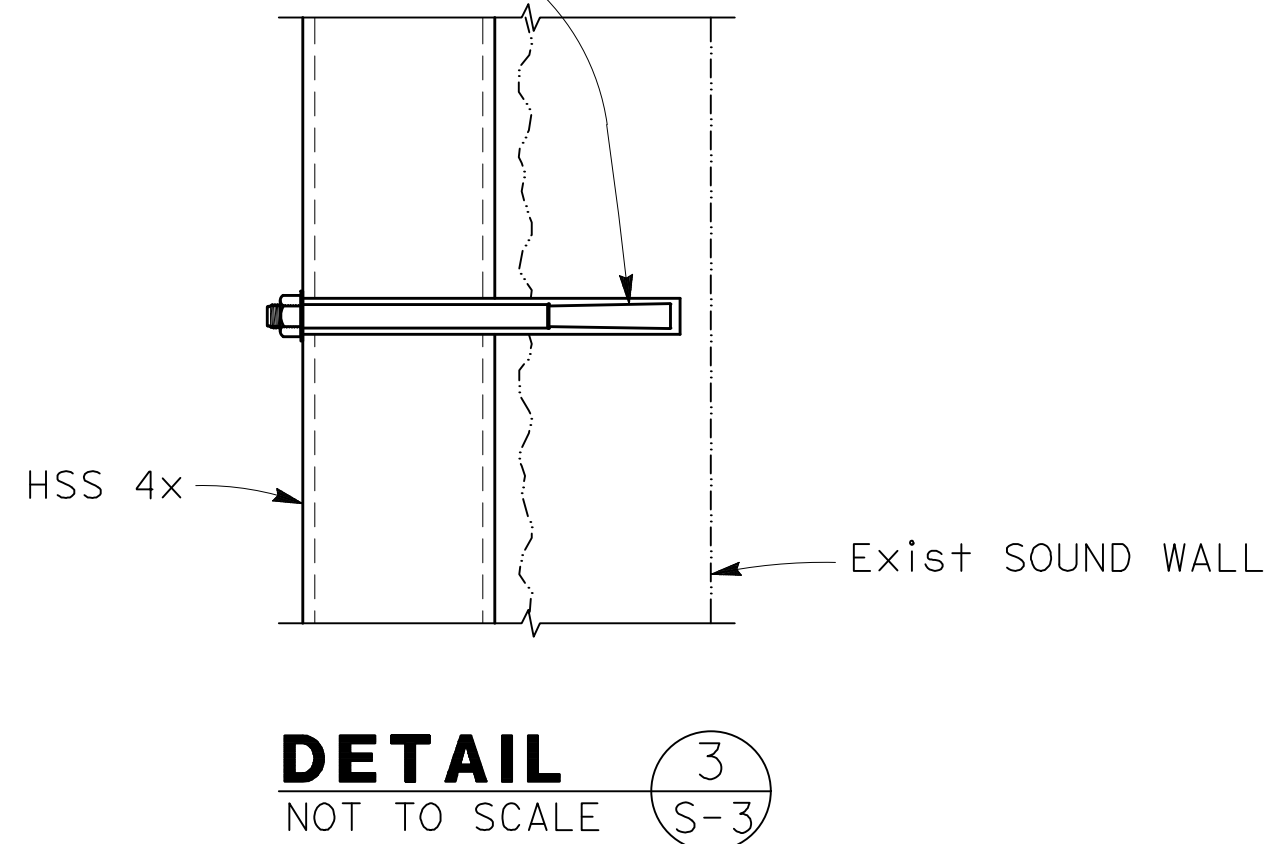


NOTE:
THE CONTRACTOR SHALL VERIFY
EXISTING FIELD DIMENSIONS PRIOR
TO ORDERING ANY MATERIALS



- EXPANSION ANCHOR NOTES:**
- FOR EXPANSION ANCHORS ADJACENT TO THE BACK OF SIDEWALK, CUT THREADED PORTION FLUSH WITH NUT AND GRIND AS NEEDED TO ELIMINATE SHARP EDGES, TOUCH UP WITH ZINC RICH PRIMER.
 - FOR EXPANSION ANCHORS THAT FAIL TORQUE REQUIREMENTS, DRILL NEW HOLE IN POST TO INSTALL NEW EXPANSION ANCHOR. TOUCH UP HOLE WITH ZINC RICH PRIMER. CONTACT ENGINEER FOR LOCATION.

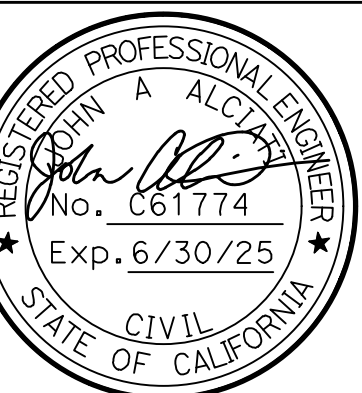
3/8" Dia SIMPSON STRONG BOLT 2 WEDGE ANCHOR STAINLESS STEEL OR APPROVED EQUAL W/ 1 1/8" EMBED. INSTALL PER MANUFACTURER'S RECOMMENDATION. FOR ANCHORS ADJACENT TO THE BACK OF SIDEWALK, CUT THREADED PORTION FLUSH WITH NUT AND GRIND AS NEEDED TO ELIMINATE SHARP EDGES, TOUCH UP WITH ZINC RICH PRIMER



- NOTES:**
- PROTECT IN PLACE EXISTING LANDSCAPING AND IRRIGATION.
 - LOCATE REBAR IN EXISTING PANELS PRIOR TO DRILLING HOLES IN EXISTING PANELS.
 - TEMPORARILY SUPPORT AND BRACE ADJACENT SOUND WALL PANELS WHERE PANEL WORK MAY IMPACT ADJACENT PANELS.
 - PLUMB WALL PANEL AS DIRECTED BY THE CITY PRIOR TO DRILLING. PLUMB WALL IN THE PRESENCE OF THE CITY. MAINTAIN EXISTING INTEGRITY OF WALL PANEL.

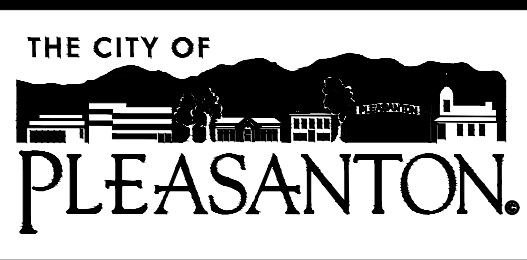
- CONSTRUCTION TOLERANCE NOTES:**
- Install post square and flush to face of panel. Shim as required to maximum 1/2".
 - Maximum horizontal tolerance of post in direction parallel to face of wall shall be 12".
 - Out-of-plumb tolerance of post shall not exceed ±1.0 percent in any direction.

BIGGS CARDOSA ASSOCIATES INC
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San Jose, California 95126
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BCR

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
PUBLIC WORKS DEPARTMENT

ADAM M. NELKIE
CITY ENGINEER
NO. 78830
EXP. 9/30/25

VALLEY AVENUE SOUND WALL REPAIR PROJECT

VALLEY AVE SOUND WALL - DETAILS

DESIGN: NBP
DRAWN: SMH
CHECKED: SH1
TRAFFIC ENGINEER:

SCALE: AS SHOWN
PROJECT NO.: CIP-18437
DATE: 5/23/25

DWG NO.
S-3
OF