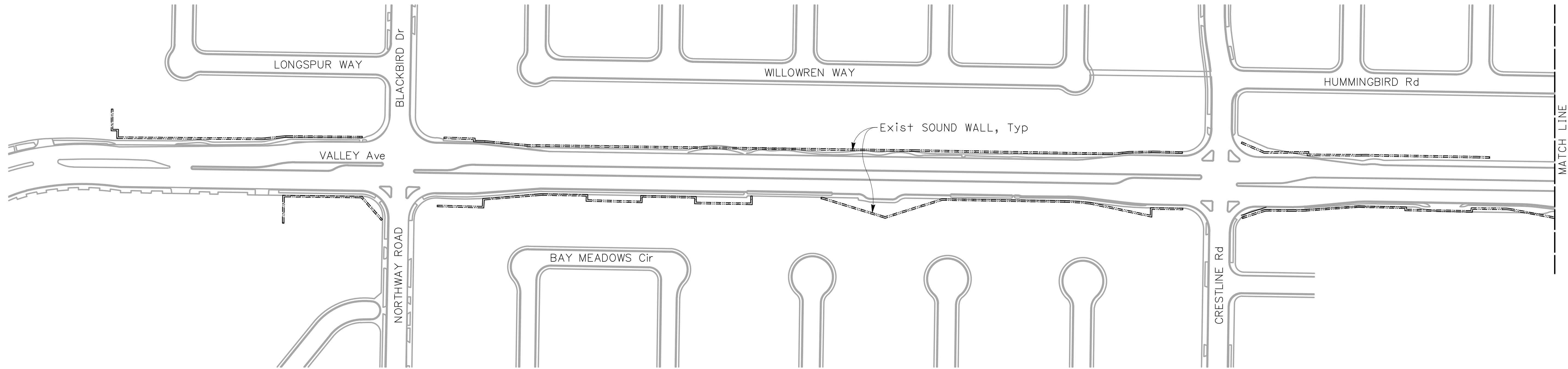
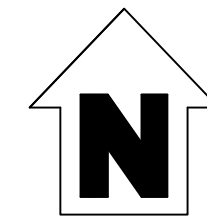


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PROJECT DATA			SPECIFICATIONS			ABBREVIATIONS					
<div>1. PLANS AND CALCULATIONS FOR THE STRUCTURAL DESIGN WERE BASED UPON:<ul style="list-style-type: none">THE 2022 CALIFORNIA BUILDING CODE.THE 2022 STATE OF CALIFORNIA STANDARD SPECIFICATIONS.</div> <div>2. DESIGN DATA:<div>WIND: V = 90 MPH RISK CATEGORY 1, EXPOSURE B P = 16 psf</div><div>SEISMIC: P = 8 psf FOR TEMPORARY CONDITION Ss = 2.07g S1 = 0.85g SITE CLASS = D Sds = 1.34g</div><div>LATERAL SOIL BEARING PRESSURE 150 pcf</div></div>			<div>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.</div> <div>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 STRENGTHNON-AIR ENTRAINEDAIR ENTRAINEDE2500 PSI CONCRETE.62.58</div> <div>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.</div> <div>CONCRETE ELEMENTMIN. 28 DAY COMPRESSIVE STRENGTHMAX. SIZE AGGREGATE (INCHES)MAX. SLUMP (INCHES)TOTAL AIR CONTENT (%)</div> <div>POST PIER25003/43--</div> <div>EARTHWORK EARTHWORK MUST CONFORM TO THE PROVISIONS IN SECTION 19, "EARTHWORK," OF THE 2022 STATE OF CALIFORNIA STANDARD SPECIFICATIONS.</div> <div>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 A36, 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.</div>			<div>⊙ AT ⌀ DIAMETER # NUMBER</div> <div>AB ANCHOR BOLT APPROX APPROXIMATE(LY) ARCH. ARCHITECT(URAL)</div> <div>BLK BLOCK BLKG BLOCKING BLDG BUILDING BM BEAM BN BOUNDARY NAILING BOT BOTTOM BOF BOTTOM OF FOOTING BW BOTTOM OF WALL</div> <div>¢ CENTER LINE CBC CALIFORNIA BLDG CODE CIDH CAST IN DRILLED HOLE CJ CONSTRUCTION JOINT CJP COMPLETE JT PENETRATION CLR CLEAR CLSM CONTROLLED LOW STRENGTH MATERIALS CMP CORRUGATED METAL PIPE CMU CONCRETE MASONRY UNIT COL COLUMN CONC CONCRETE CONN CONNECTION CONST CONSTRUCTION CONT CONTINUOUS CSK COUNTERSINK</div> <div>DBL DOUBLE DCW DEMAND CRITICAL WELD DET DETAIL DF DOUGLAS FIR DIAG DIAGONAL DN DOWN DWG DRAWING</div> <div>(E) EXISTING EA EACH EF EDGE FASTENING EL ELEVATION ELEV ELEVATOR EN EDGE NAILING EQ EQUAL EW EACH WAY</div> <div>FG FINISH(ED) GRADE FIN FINISH(ED) FND FOUNDATION FOC FACE OF CONCRETE FS FAR SIDE FTG FOOTING</div> <div>Ga GAUGE GALV GALVANIZED GL GLUED LAMINATED BEAM</div> <div>HEX HEXAGONAL HGR HANGER HORIZ HORIZONTAL HSB HIGH STRENGTH BOLT HSS HOLLOW STRUCT SECTION HT HEIGHT</div> <div>IBC INTERNATIONAL BLDG CODE ID INSIDE DIAMETER INSP INSPECTION/INSPECTOR JT JOINT</div> <div>LS LAG SCREW(S) LL LIVE LOAD LLBB LONG LEGS BACK TO BACK LLH LONG LEG HORIZONTAL LLV LONG LEG VERTICAL LW LIGHT WEIGHT</div> <div>MB MACHINE BOLT(S) MAX MAXIMUM MECH MECHANICAL MFR MANUFACTURER MIN MINIMUM MISC MISCELLANEOUS</div> <div>(N) NEW NIC NOT IN CONTRACT No. NUMBER NOM NOMINAL NS NEAR SIDE NTS NOT TO SCALE</div> <div>OC ON CENTER OD OUTSIDE DIAMETER OH OPPOSITE HAND OWSJ OPEN WEB STEEL JOIST</div> <div>Ⓔ METAL PLATE PDF POWDER DRIVEN FASTENER PTDF PRESS. TREATED DOUG. FIR PLY PLYWOOD PJP PARTIAL JOINT PENETRATION PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT POINT OR POST TENSION</div> <div>R RADIUS RC REINF CONC PIPE REINF REINFORCED, REINFORCING REQD REQUIRED</div> <div>S.A.D. SEE ARCH. DRAWINGS SCHED SCHEDULE SFRS SEISMIC FORCE RESISTING SYSTEM SHT SHEET SHTG SHEATHING SIM SIMILAR SM SHEETMETAL SMS SHEET METAL SCREW SPEC(S) SPECIFICATION(S) SQ SQUARE STD STANDARD STS SELF TAPPING SCREW SYM SYMMETRICAL</div> <div>T&G TONGUE AND GROOVE TBR TO BE REMOVED T.O. TOP OF TOF TOP OF FOOTING T.O.P. TOP OF PLATE TOS TOP OF SLAB OR STEEL TOSW TOP OF STEM WALL TW TOP OF WALL TYP TYPICAL</div> <div>UON UNLESS OTHERWISE NOTED VERT VERTICAL</div> <div>W/ WITH WF WIDE FLANGE WP WATERPROOF OR WORK POINT WFS WELDING PROCEDURE SPECS WT WEIGHT</div>					
TESTING AND SPECIAL INSPECTION			DRAWING INDEX			NOTES					
<div>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.</div> <div>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.</div> <div>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.</div> <div>REFERENCE STANDARDS (EDITIONS ADOPTED BY CURRENT GOVERNING CALIFORNIA BUILDING CODE)<ul style="list-style-type: none">CBC – CALIFORNIA BUILDING CODE 2022 AND ALL STANDARDS REFERENCED BY THE CBCAISC 360 – SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS; AMERICAN INSTITUTE OF STEEL CONSTRUCTION INCACI 318 – BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY; AMERICAN CONCRETE INSTITUTEASTM – ASTM INTERNATIONAL</div> <div>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.</div> <div>SCHEDULE OF STRUCTURAL INSPECTION AND TESTING STEEL *STRUCTURAL STEEL:<ul style="list-style-type: none">CONFIRM IDENTIFICATION MARKINGS CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTSREVIEW MANUFACTURER'S CERTIFICATE OF COMPLIANCE INCLUDING CERTIFIED TEST REPORTSPERIODICALLY INSPECT GALVANIZED STEEL MEMBERS AND ANCHOR ROD LAYOUT AND DIMENSIONSVERIFY REDUCED BEAM SECTION (RBS) CONTOUR AND FINISH, DIMENSIONAL TOLERANCE, AND PROTECTED ZONE RESTRICTIONS (NO HOLES OR UNAPPROVED ATTACHMENTS MADE BY CONTRACTOR)</div> <div>*EXPANSION/UNDERCUT ANCHORS IN CONCRETE OR REINFORCED MASONRY<ul style="list-style-type: none">PERIODICALLY INSPECT ANCHOR TYPE, DIAMETER, LENGTH AND CLEANLINESSPERIODICALLY INSPECT DRILL BIT COMPLIANCEPERIODICALLY INSPECT HOLE LOCATION, DIAMETER, DEPTH AND CLEANLINESSPERIODICALLY INSPECT ANCHOR EMBEDMENT, SPACING, AND EDGE DISTANCEPERIODICALLY INSPECT ADHERENCE TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONSINSPECT ANCHOR TIGHTENING TORQUE WITH CALIBRATED TORQUE WRENCH REACHING SPECIFIED TORQUE WITHIN A 1/2 TURN OF SEATING (IMPORTANT: VERIFY WITH ICC/IAPMO REPORT WHETHER MAXIMUM OR MINIMUM TORQUE)PERIODICALLY INSPECT ANCHOR INSTALLATION PER ICC/IAPMO EVALUATION REPORT</div>			<div>1. GENERAL NOTES, PROJECT DATA, TESTING AND SPECIAL INSPECTIONS, SPECIFICATIONS</div> <div>2. SITE PLAN</div> <div>3. DETAILS</div>			<div>1. SECTION LETTER OR DETAIL NUMBER</div> <div>2. DRAWING NUMBER WHERE SECTION OR DETAIL IS DRAWN</div>					
SYMBOLS			BIGGS CARDOSA ASSOCIATES INC STRUCTURAL ENGINEERS 865 The Alameda San Jose, California 95126 408-296-5515			<div>REGISTERED PROFESSIONAL ENGINEER JOHN A. ALCIANTO No. C61774 Exp. 6/30/25 CIVIL STATE OF CALIFORNIA</div> <div>BCR</div>					
REV.	DATE	DESCRIPTION	CITY OF PLEASANTON Department of Engineering			VALLEY AVENUE SOUND WALL <div></div> REPAIR			DESIGN: NBP	SCALE: AS SHOWN	DWG NO.
						PROJECT DATA, TESTING AND SPECIAL INSPECTIONS, SPECIFICATIONS			DRAWN: SMH	PROJECT NO.:	S-1
									CHECKED: SH1	DATE: 4/8/25	OF
									TRAFFIC ENGINEER:		

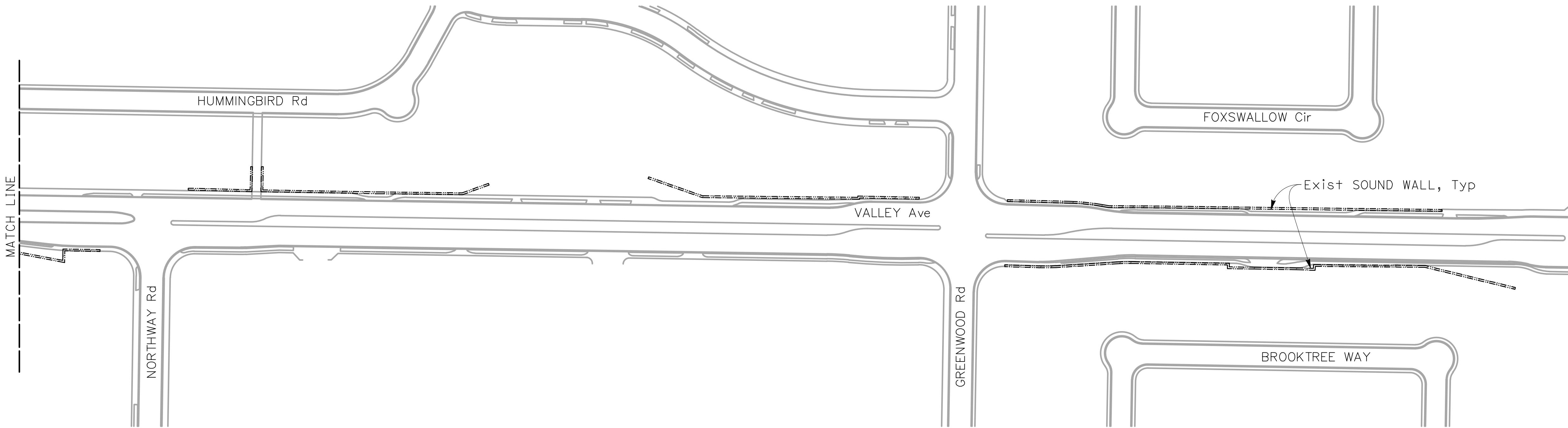


PLAN
1" = 100'

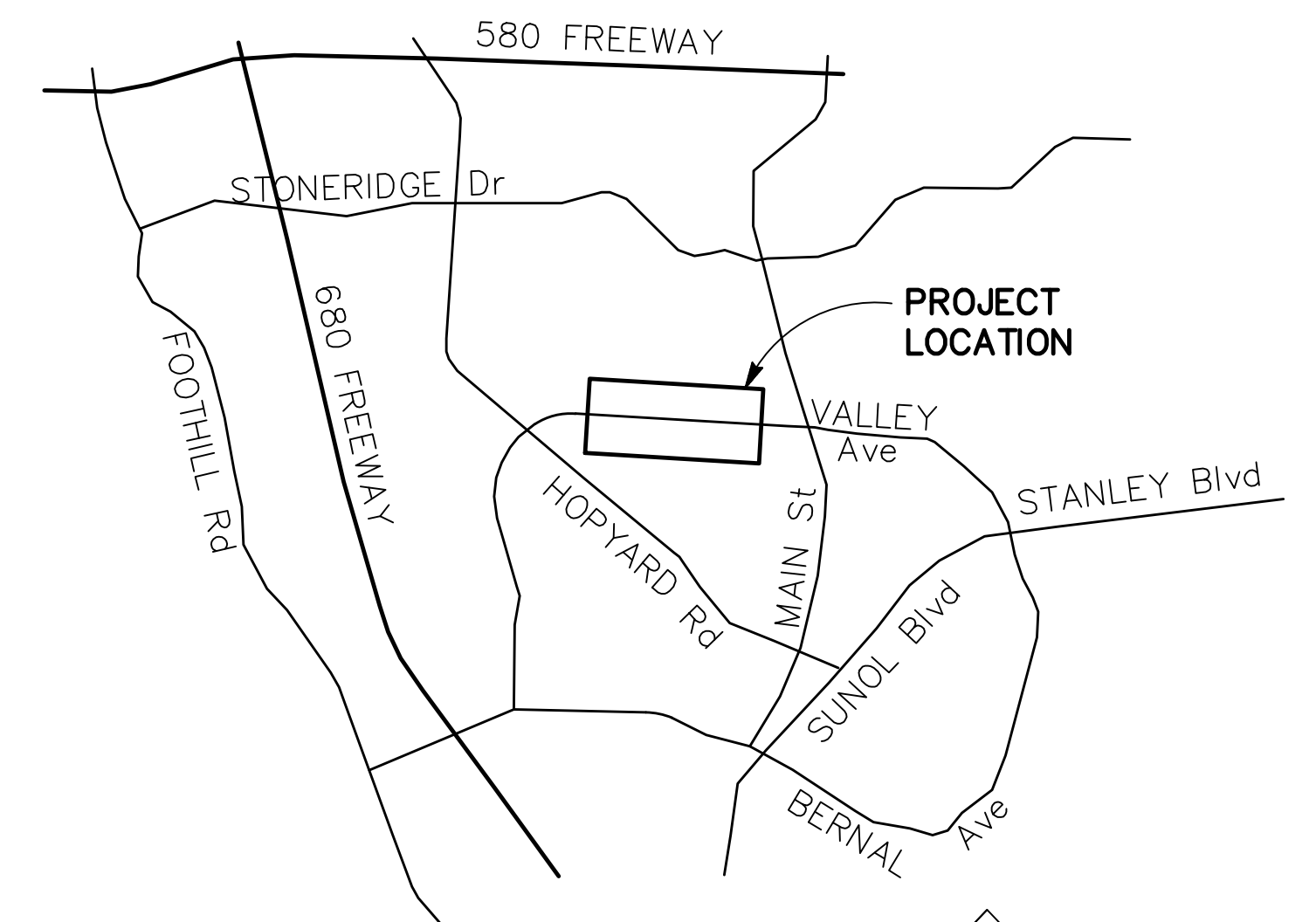
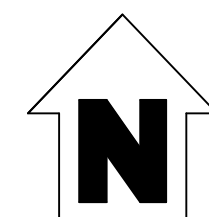


LEGEND:
--- Indicates Existing Sound Wall

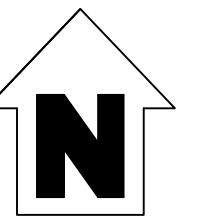
APPROXIMATE LENGTH OF EXISTING
SOUND WALLS = 7,420± FEET



PLAN
1" = 100'



VACINITY MAP
NO SCALE



**BIGGS CARDOSA
ASSOCIATES INC**
STRUCTURAL ENGINEERS

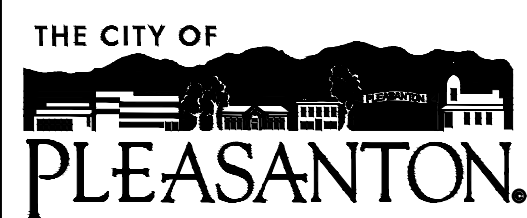
865 The Alameda
San Jose, California 95126
408-296-5515



BCR

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

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

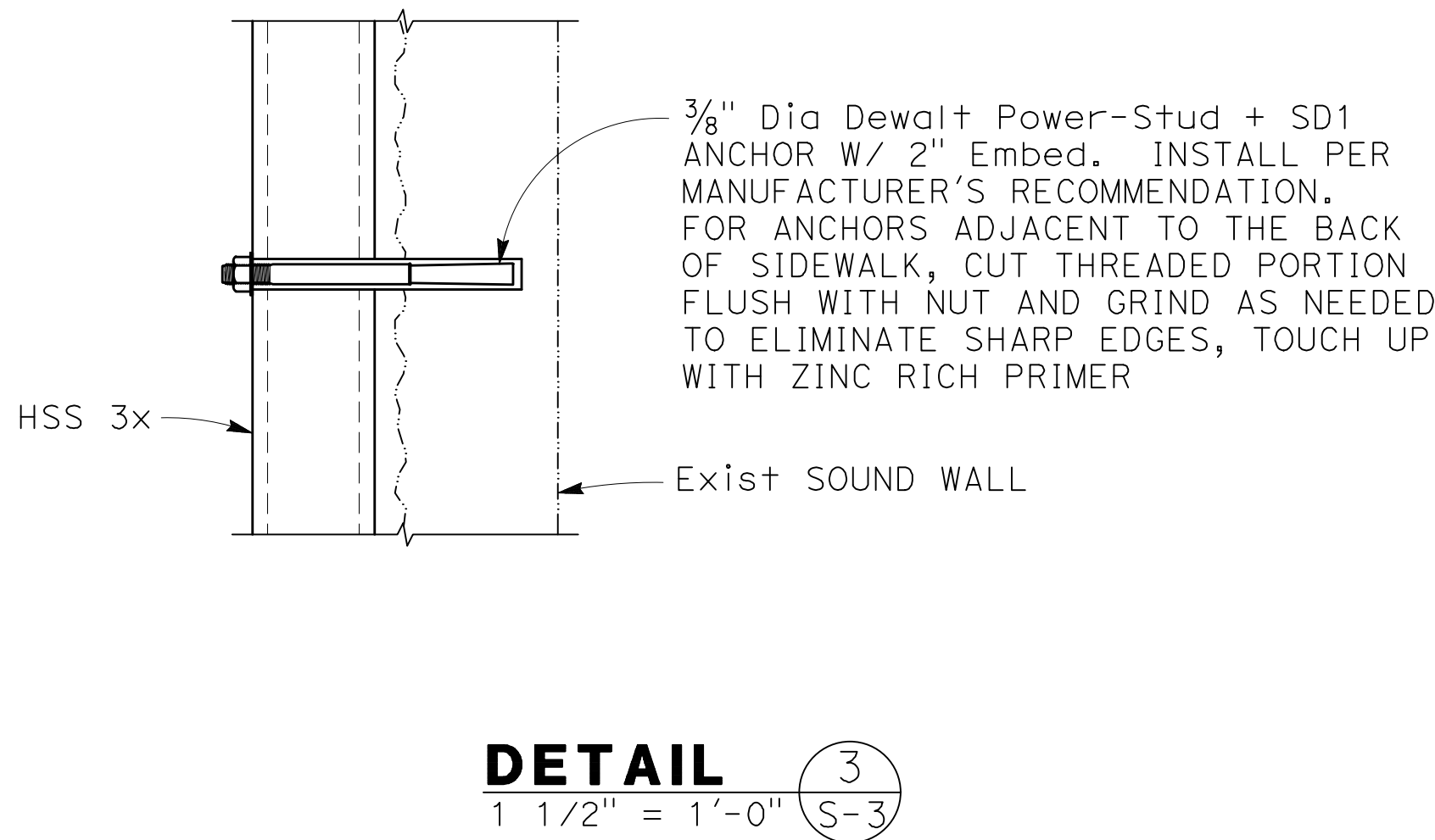
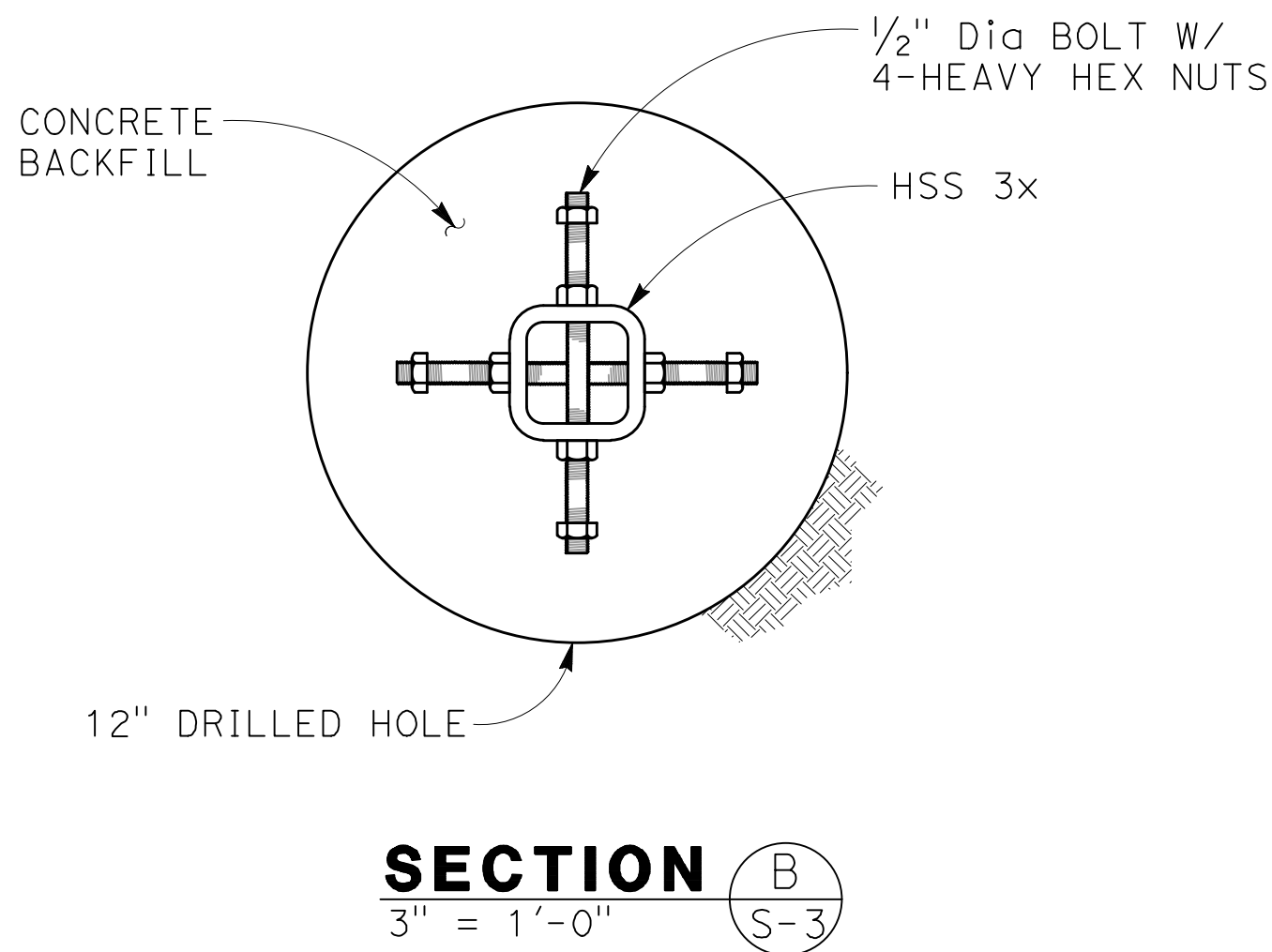
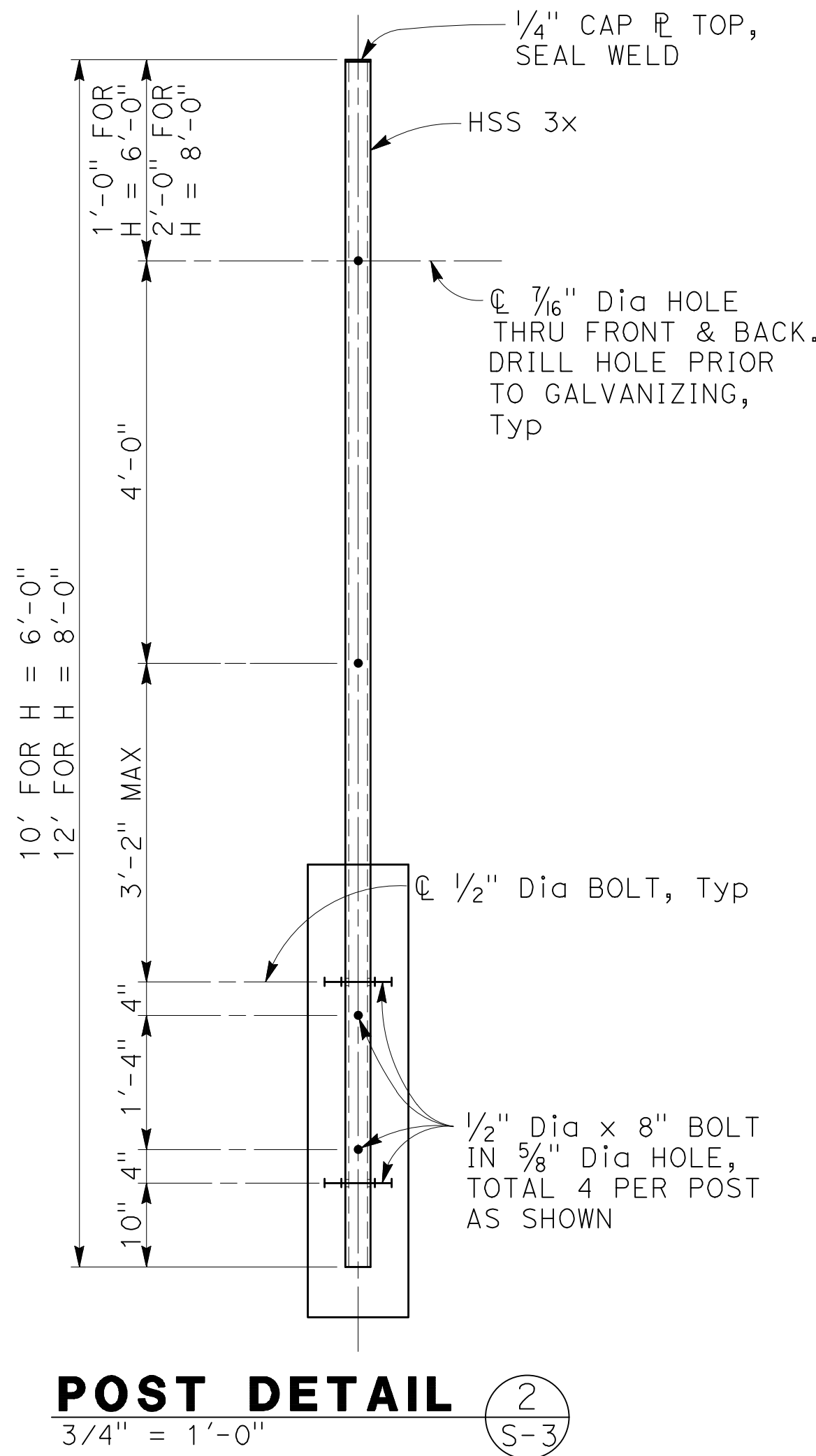
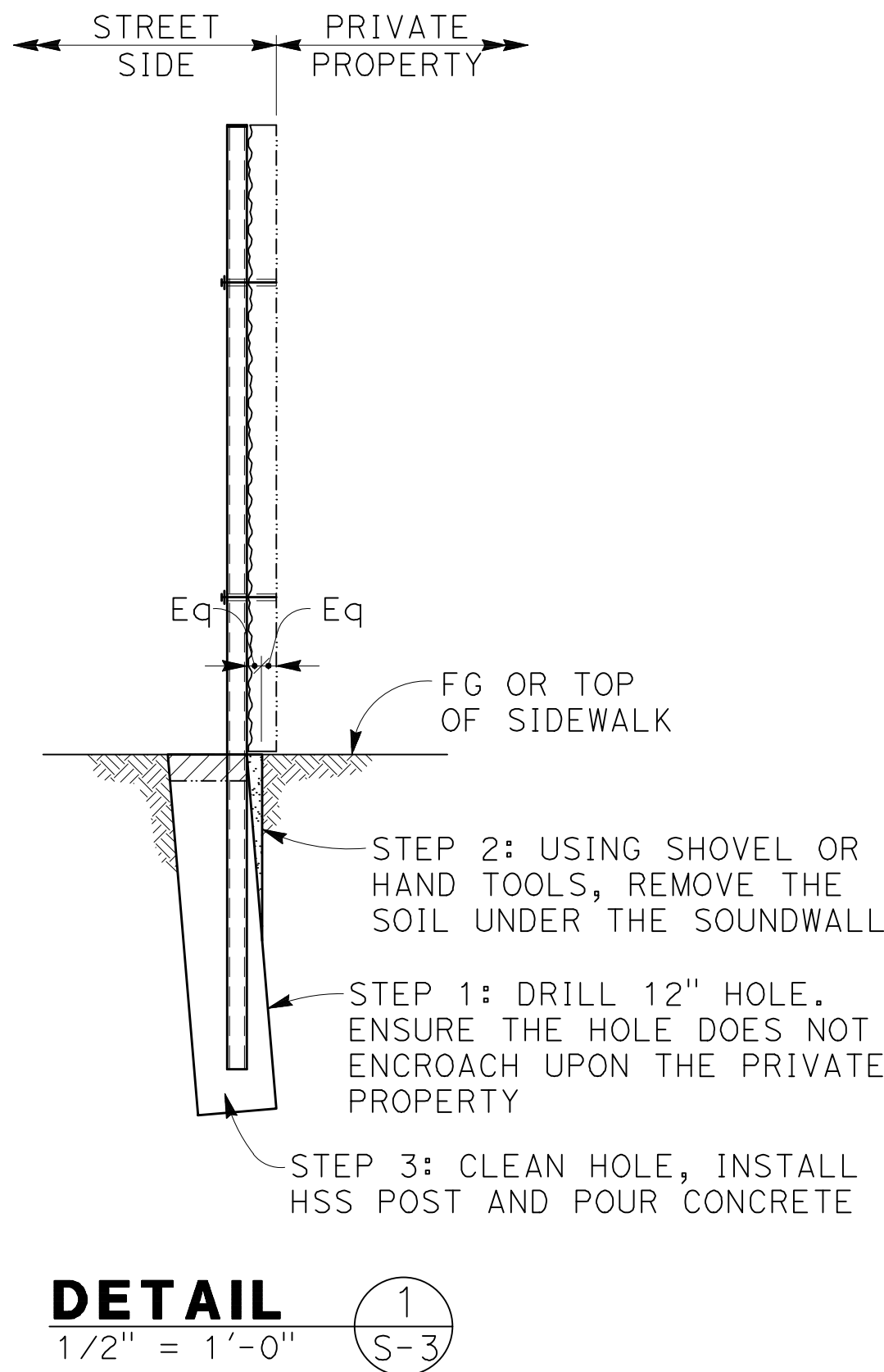
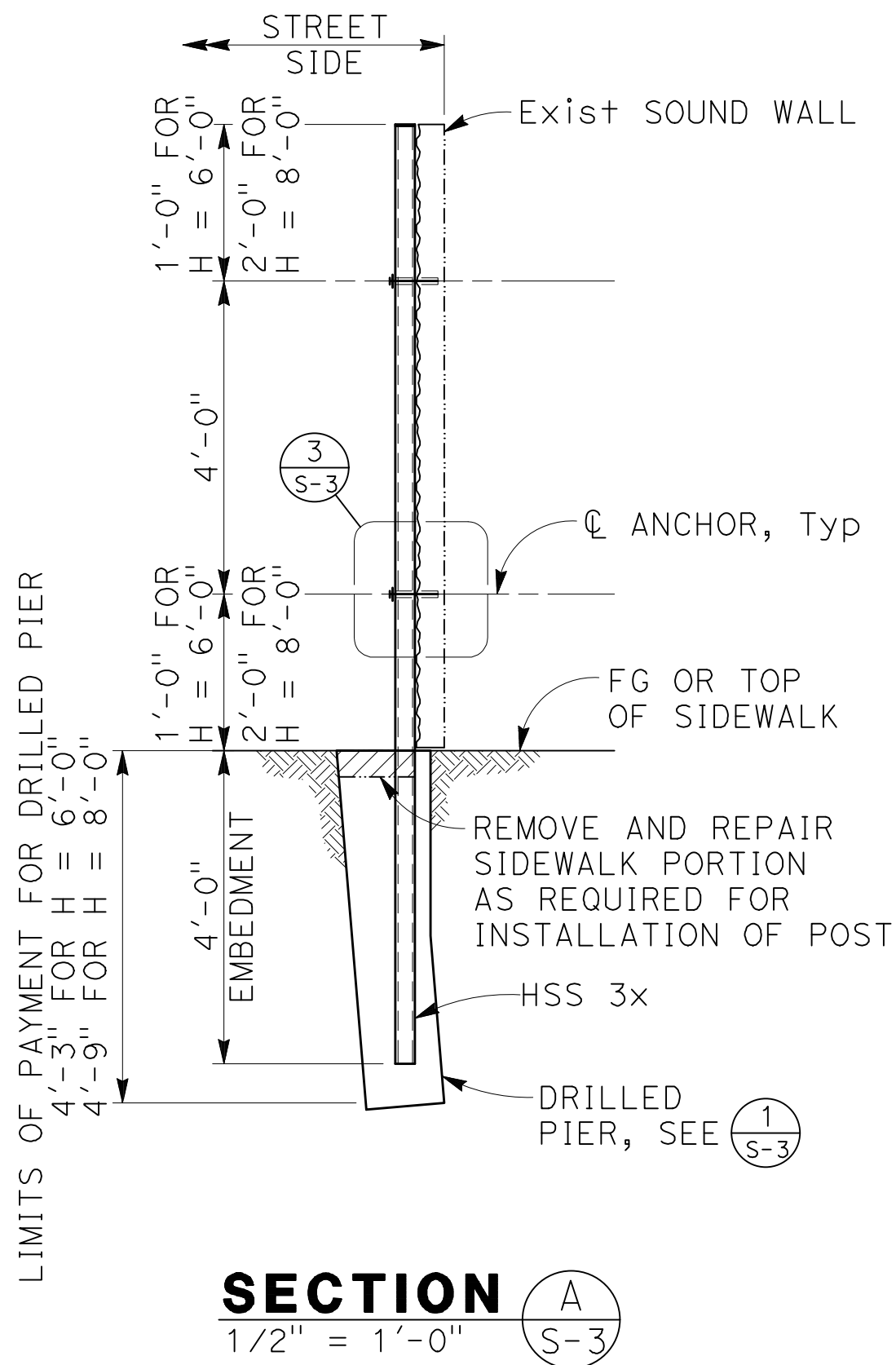
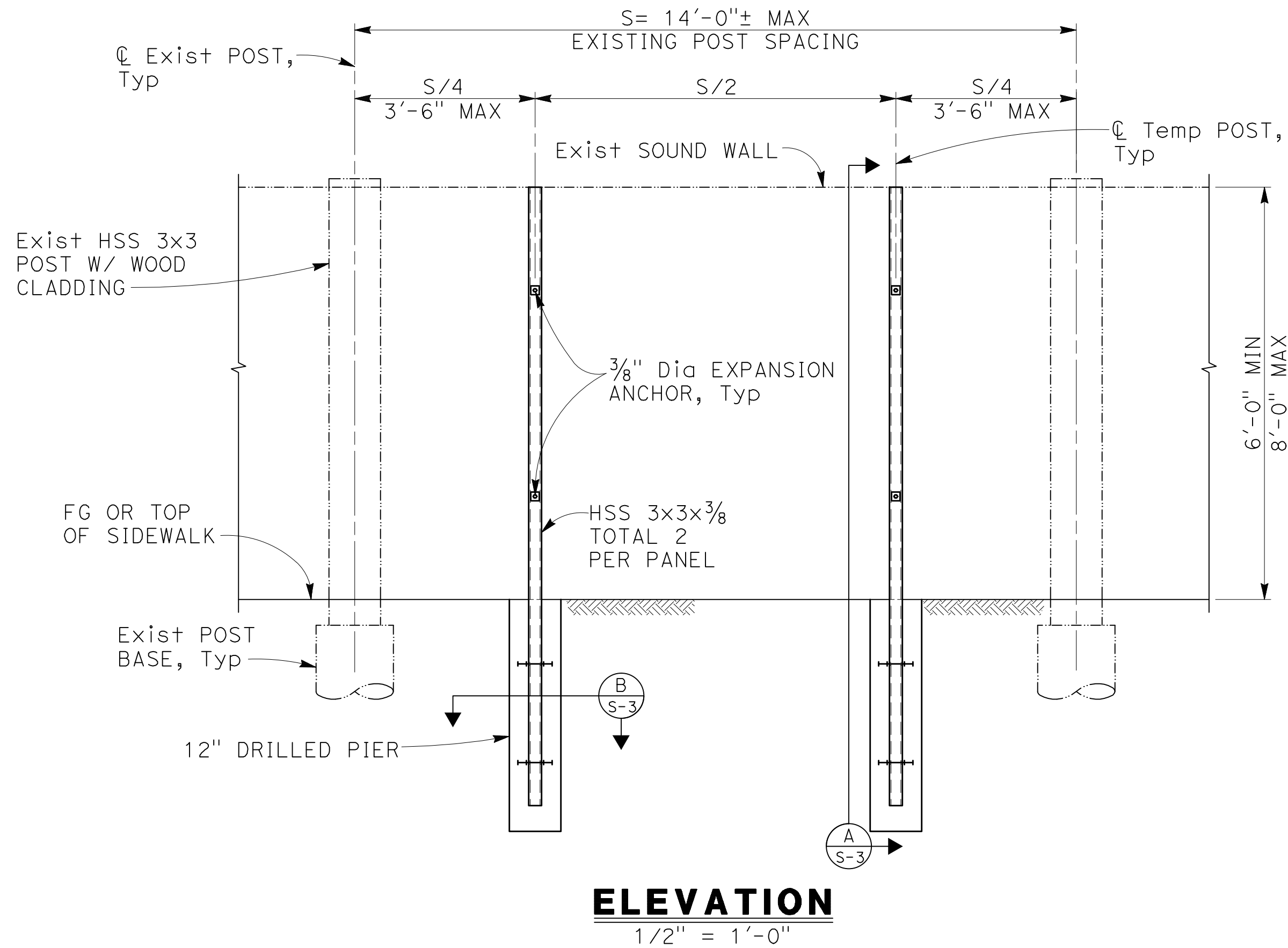
VALLEY AVENUE SOUND WALL REPAIR

SITE PLAN

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

SCALE: AS SHOWN
PROJECT NO.:
DATE: 4/8/25

DWG
NO.
S-2
OF



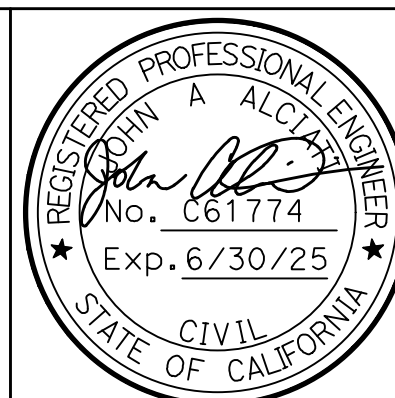
CONSTRUCTION TOLERANCE NOTES:

1. Install post square and flush to face of panel. Shim as required to maximum 1/2".
2. Maximum horizontal tolerance of post in direction parallel to face of wall shall be 12".
3. Out of plumb tolerance of post shall not exceed ±1.0 percent in any direction except to conform to existing wall panel.

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

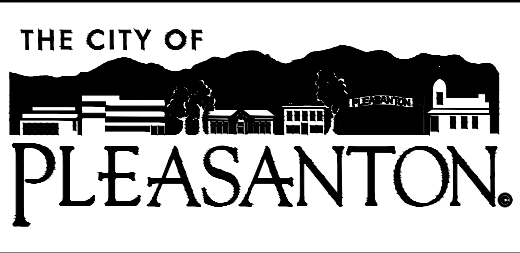
**BIGGS CARDOSA
ASSOCIATES INC**
STRUCTURAL ENGINEERS

865 The Alameda
San Jose, California 95126
408-296-5515



BCR

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON
Department of Engineering

VALLEY AVENUE SOUND WALL REPAIR

DETAILS

DESIGN: NBP	SCALE: AS SHOWN	DWG NO.
DRAWN: SMH	PROJECT NO.:	S-3
CHECKED: SH1	DATE: 4/8/25	OF
TRAFFIC ENGINEER:		