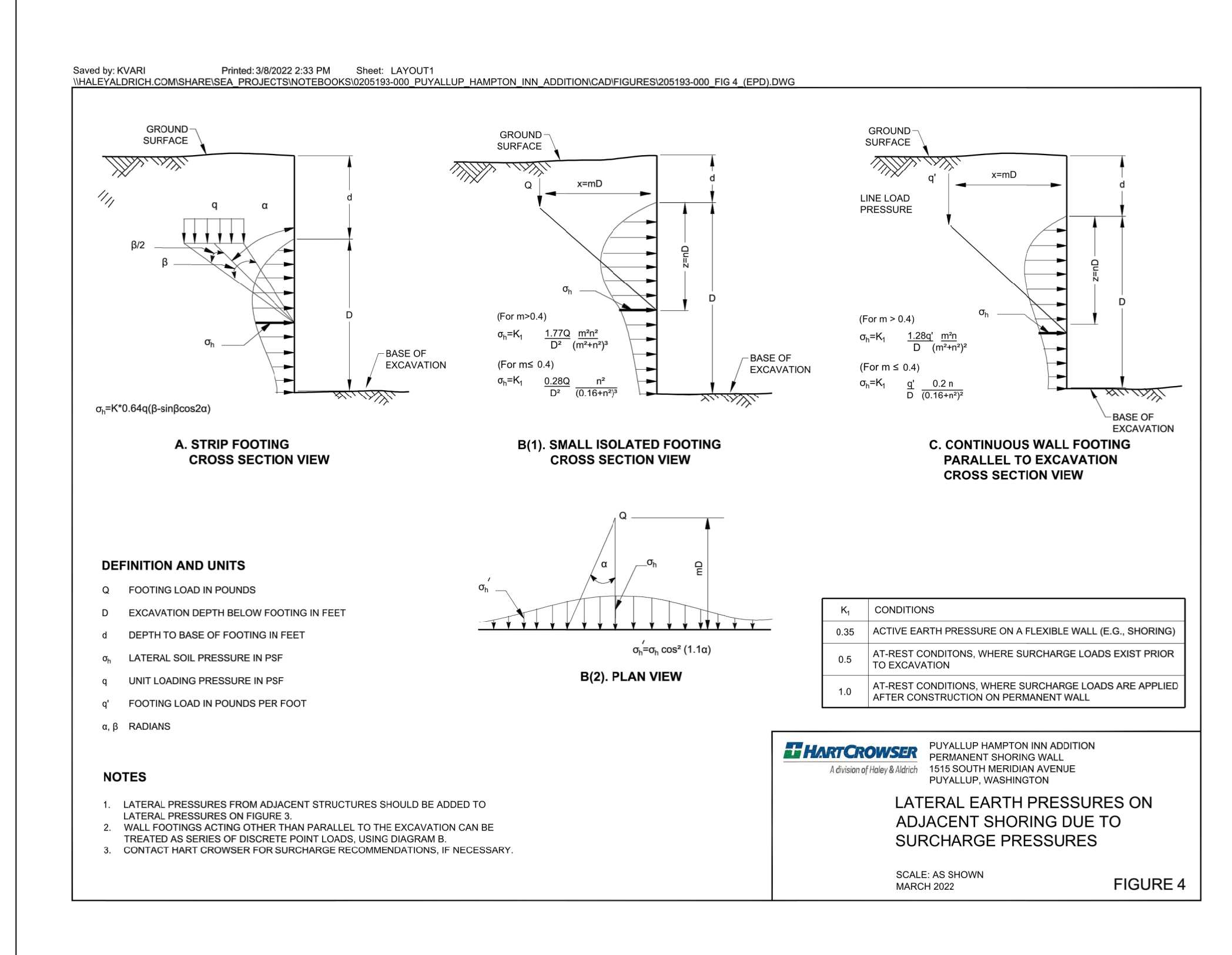
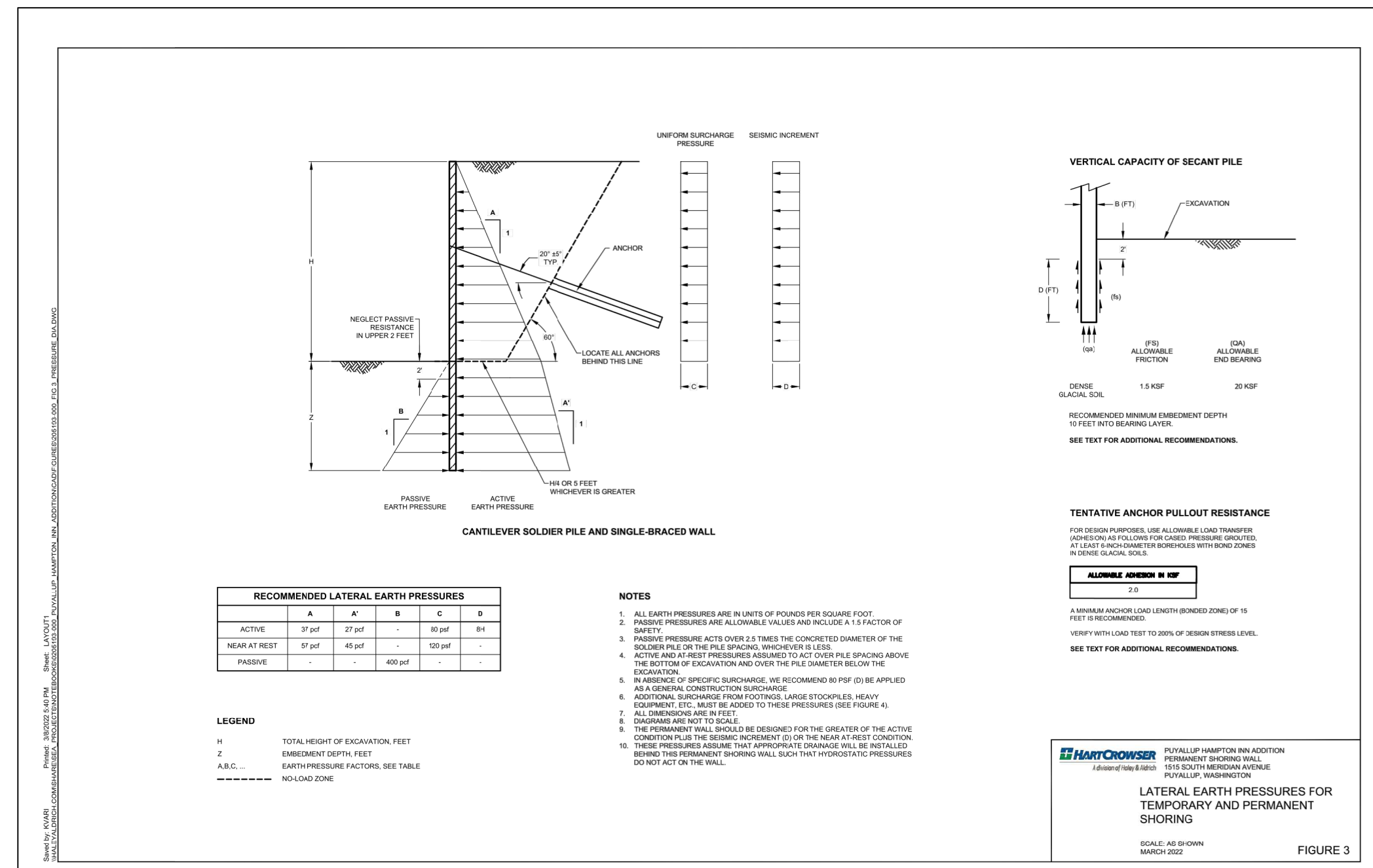




# ABBREVIATIONS

&	AND	IN.	INCH(ES)
@	AT	INFO.	INFORMATION
'	FEET(FOOT)	INT.	INTERIOR
"	INCH (INCHES)	JST.	JOIST
#	POUND(S), NUMBER	JT.	JOINT
=	EQUAL(S)	K	KIPS(1000)
/	PER	K	KIPS(1000)
A. B.	ANCHOR BOLT	LAT.	LATERAL
ABV.	ABOVE	LB.	POUND(S)
ADD.	ADDITIONAL	L. B.	LAG BOLT(S)
ADJ.	ADJACENT	L.G.	LONG (ITUDINAL)
ALUM.	ALUMINUM	LGH.	LENGTH
ALT.	ALTERNATE	LGHM.	LIGHT GAUGE METAL FRAMING
APPRX.	APPROXIMATE(LY)	LLH	LONG LEG HORIZONTAL
ARCH.	ARCHITECT(URAL)	LLV	LONG LEG VERTICAL
ASSY	ASSEMBLY	LSH	LONG SLOTTED HOLE(S)
B.	BOTTOM	L. WT.	LIGHT WEIGHT
BEL.	BELOW	L. W.	LIGHT WEIGHT
BEN.	BOUNDARY EDGE NAILING	MAS.	MASONRY
B. F.	BRACED FRAME	MASN.	MASONRY
B.LDG.	BUILDING	MAT.	MATERIAL
BLK.	BLOCK	MAX.	MAXIMUM
BLKG.	BLOCKING	M.B.	MACHINE BOLT
BLW.	BELOW	MEM.	METAL BUILDING MANUFACTURER
BM.	BEAM	MECH.	MECHANICAL
BMU.	BRICK MASONRY UNIT	M. E. J.	MASONRY EXPANSION JOINT
BN.	BOUNDARY NAILING	MEZZ.	MEZZANINE
BNDRY.	BOUNDARY	MFR.	MANUFACTURER
B. O.	BOTTOM OF	MIN.	MINIMUM
B. O. E.	BOTTOM OF EXCAVATION	MIS.C.	MISCELLANEOUS
B. O. F.	BOTTOM OF FOOTING	M.O.	MASONRY OPENING
BRDG.	BRIDGE (ING)	MTL.	METAL
BRG.	BEARING	(N)	NEW
BTM.	BOTTOM	N/A	NOT APPLICABLE
BTWN.	BETWEEN	N. L. B.	NON-LOAD BEARING
C	CAMBER	NO.	NUMBER
CAMB.	CAMBER(ED)	N. S.	NEAR SIDE
CANT.	CANTILEVER(ED)	N. T. S.	NOT TO SCALE
C. I. P.	CUBIC FOOT	N. W. C.	NORMAL WEIGHT CONCRETE
C. J.	CAST IN PLACE	O. C.	ON CENTER
C. J.	CONSTRUCTION JOINT	O. D.	OUTSIDE DIAMETER
CL	CENTER LINE	O. F.	OUTSIDE FACE
CLG.	CEILING	O. H.	OPPOSITE HAND
CLR.	CLEAR	OPNG.	OPENING
CMU.	CONCRETE MASONRY UNIT	OPP.	OPPOSITE
COL.	COLUMN	ORNT.	ORIENTATE(ION)
CONC.	CONCRETE	OSB	ORIENTED STRAND BOARD
CONN.	CONNECTION	O. W. J.	OPEN WEB JOIST
CONST.	CONSTRUCTION	O. W. T.	OPEN WEB TRUSS
CONT.	CONTINUOUS	PAF	POWDER ACTUATED FASTENER
CTSK.	COUNTERSINK	PAR.	PARALLEL
CTR.	CENTER(ED)	P/C	PRECAST
CVR	COVER VERTICAL REINF.	PEN	PENAL EDGE NAIL
CY	CUBIC YARD	PERP.	PERPENDICULAR
d	PENNY(NAILS)	PL	PLATE
DB	DROPPED BEAM	PL	PROPERTY LINE
DBA	DEFORMED BAR ANCHORS	PLN	PLAN
DBL	DOUBLE	PLMBG.	PLUMBING
DCW	DEMAND CRITICAL WELD	PLWWD.	PLYWOOD
DEPT.	DEPARTMENT	PSF	POUNDS PER SQUARE FOOT
DET.	DETAIL	PSI	POUNDS PER SQUARE INCH
DF	DOUGLAS FIR	P. T.	POST TENSION(ED)
DIA.	DIAMETER	QTY.	QUANTITY
DIA.G.	DIAGONAL	R.	RADIUS
DIAPH.	DIAPHRAGM	RAD.	RADIUS
DIM.	DIMENSION	RE:	REFERENCE
DN.	DOWN	REF.	REFERENCE
D. O.	DITTO(REPEAT)	REINF.	REINFORCEMENT(ING)
DP.	DEEP	REQ.	REQUIRED
DS	DOWNSPOUT	R. F.	RIGID FRAME
DWG.	DRAWING(S)	R. O.	ROUGH OPENING
DWL.	DOWEL(S)	R. S.	ROUGH SAWN
(E)	EXISTING	SCH.	SCHEDULE
EA.	EACH	SCL	STRUCTURAL COMPOSITE WOOD
E. E.	EACH END	SCHED.	SCHEDULE
E. F.	EACH FACE	SHT.	SHEET
E. J.	EXPANSION JOINT	SIM.	SIMILAR
EL.	ELEVATION	S. J.	SHRINKAGE CONTROL JOINT
ELEV.	ELEVATOR	SKW.	SKEW(ED)
EMBD.	EMBED(MENT)	S. O. G.	SLAB ON GRADE
EN	EDGE NAIL	SPC.	SPACE(S) (ING)
ENG.	ENGINEER	SPEC.	SPECIFICATION(S)
EQ.	EQUAL	SQ.	SQUARE
EQT.	EQUIPMENT	STD.	STANDARD
E. W.	EACH WAY	STRG.	STAGGER
EXP.	EXPANSION	STIFF.	STIFFENER(S)
EXT.	EXISTING	STR.	STRIP
EXT.	EXTERIOR	STL.	STEEL
FAB.	FABRICATION	STRUC.	STRUCTURAL
FB	FLUSH BEAM	STRUC.	STRUCTURAL
FDN.	FOUNDATION	SUSP.	SUSPENDED(TION)
F. F.	FINISH FLOOR	SYMM.	SYMMETRICAL
FIN.	FINISH(ED)	T.	TOP
FLG.	FLANGE	T. & B.	TOP AND BOTTOM
FLR.	FLOOR	TEMP.	TEMPORARY
FN	FIELD (FACE) NAIL	T. & G.	TONGUE AND GROOVE
F. O.	FINISHED OPENING	THK.	THICK(NESS)
F. O. C.	FACE OF CONCRETE	THRD.	THREADED
F. O. M.	FACE OF MASONRY	TN	TOE NAIL
F. O. S.	FACE OF STUD	T. O. S.	TOP OF SHEATHING(SLAB)
F. O. W.	FACE OF WALL	T. O. W.	TOP OF WALL
FRMG.	FRAME(ING)	TRANSV.	TRANSVERSE
F. S.	FAR SIDE	T. O. S.	TOP OF STEEL
FSD	FORMED STEEL DECK	TYP.	TYPICAL
FT.	FEET(FOOT)	U. N. O.	UNLESS NOTED OTHERWISE
FRTW	FIRE RETARDANT TREATED WOOD	U/S	UNDERSIDE
FTG.	FOOTING	V.	VERTICAL
GA.	GAUGE	VERT.	VERTICAL
GALV.	GALVANIZE(D)	VIF	VERIFY IN FIELD
GB.	GRADE BEAM	W.	WIDE(WIDTH)
GLB.	GLUE LAMINATED BEAM	W/	WITH
GRD.	GRADE	W/O	WITHOUT
GT	GIRDER TRUSS	WD.	WOOD
GWB	GYP(SUM) WALLBOARD	W. H. S.	WELDED HEADED STUDS
GYP.	GYP(CRETE)	W. P.	WORK POINT
H.	HORIZONTAL	W. S.	WELDED STUD
HD	HOLDOWN	WT.	WEIGHT
H. D. G.	HOT DIPPED GALVANIZED	W. W. F.	WELDED WIRE FABRIC
HDR.	HEADER	X-STG	EXTRA STRONG
HGR.	HANGER	XX-STG	DOUBLE EXTRA STRONG
HORZ.	HORIZONTAL	YD	YARD
HORIZ.	HORIZONTAL		
HR	HEADER		
H. S. B.	HIGH STRENGTH BOLT		
HT.	HEIGHT		
I. D.	INSIDE DIAMETER		
I. E.	INVERT ELEVATION		
I. F.	INSIDE FACE		



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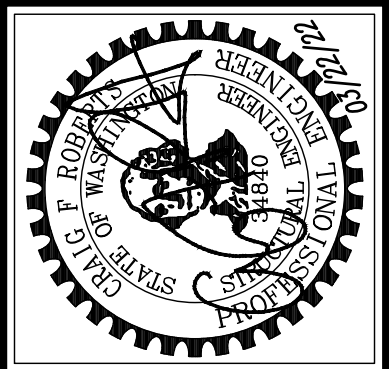
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# SPECIAL INSPECTIONS, TESTING and GEOTECHNICAL OBSERVATION SCHEDULE

INSPECTION ITEMS	CONTINUOUS	PERIODIC	TESTING	COMMENTS
SOIL AND FOUNDATIONS (IBC 1705.6)				
SITE PREPARATION, EXCAVATION AND GRADING		X		GEOTECH
DEWATERING				GEOTECH
SOLDIER PILES	X			GEOTECH
TIEBACK SYSTEM	X		X	GEOTECH
SUBSURFACE DRAINAGE				
FILL PLACEMENT AND COMPACTION	X			GEOTECH
FIELD VERIFICATION OF BEARING CAPACITY		X		GEOTECH
CORROSION PROTECTION		X		GEOTECH
CONCRETE CONSTRUCTION (IBC 1705.3 AND 1705.12.1)				
REINFORCEMENT			N/A	
EMBEDDED ITEMS		X		
PREPARATION OF TEST SPECIMENS		X	X	
CONCRETE AND / OR SHOTCRETE PLACEMENT	N/A		N/A	NOTE 8
WELDING (IBC 1705.2.1 AND AWS D1.1)				NOTE 4
COMPLETE AND PARTIAL PENETRATION	X		X	NOTE 5
MULTIPASS FILLET WELD	X			
SINGLE-PASS FILLET > 5/16"	X			
SINGLE-PASS FILLET ≤ 5/16"		X		
WELDED HEADED STUDS AND DBA			N/A	NOTE 6

- INSPECTION SCHEDULE NOTES:**
- ITEMS MARKED WITH AND "X" SHALL BE INSPECTED IN ACCORDANCE WITH IPC CHAPTER 17 BY A CERTIFIED SPECIAL INSPECTOR FROM AN AGENCY APPROVED BY THE JURISDICTION.
  - SPECIAL INSPECTION SHALL NOT BE REQUIRED FOR WORK IN AN APPROVED FABRICATOR'S PER IBC 1704.2.5.2. VERIFY APPROVAL WITH JURISDICTION PRIOR TO FABRICATION.
  - CONTINUOUS SPECIAL INSPECTION REQUIRES THE INSPECTOR SHALL BE ON SITE AT ALL TIMES AND THAT WORK REQUIRING SPECIAL INSPECTION IS PERFORMED. PERIODIC SPECIAL INSPECTION SHALL ALLOW INSPECTION AT THE INTERVALS NECESSARY TO CONFIRM THAT WORK REQUIRING SPECIAL INSPECTION IS IN COMPLIANCE WITH THE REQUIREMENTS.
  - ALL WELDS SHALL BE VISUALLY INSPECTED.
  - ALL COMPLETE PENETRATION WELDS SHALL BE TESTED ULTRASONICALLY.
  - PERIODIC SPECIAL INSPECTION SHALL BE ALLOWED FOR SHOP WELDING OF ASTM A706 REINFORCEMENT NO. 5 OR SMALLER USED FOR EMBEDDED ITEMS, PROVIDED THAT, THE MATERIALS AND THE QUALIFICATIONS OF WELDING PROCEDURES AND WELDERS ARE VERIFIED PRIOR TO THE START OF WORK, THAT PERIODIC INSPECTIONS ARE MADE OF WORK IN PROGRESS, AND THAT A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO SHIPMENT OF SHOP WELDED ITEMS.
  - THE SPECIAL INSPECTOR SHALL PROVIDE THE BUILDING OFFICIAL, OWNER, ARCHITECT, ENGINEER OF RECORD, AND CONTRACTOR WITH COPIES OF ALL REPORTS AND TEST RESULTS (IBC 1704.2.4)
  - REFERENCE BUILDING STRUCTURAL DRAWINGS FOR REQUIREMENTS AT BUILDING. THIS SCHEDULE COVERS SHORING ONLY.

**CT ENGINEERING INC.**  
Structural Engineers  
180 Nickerson Street Suite 302 Seattle, WA 98109  
206.285.4512 (Y) 206.285.0618 (F)



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		03/22/22

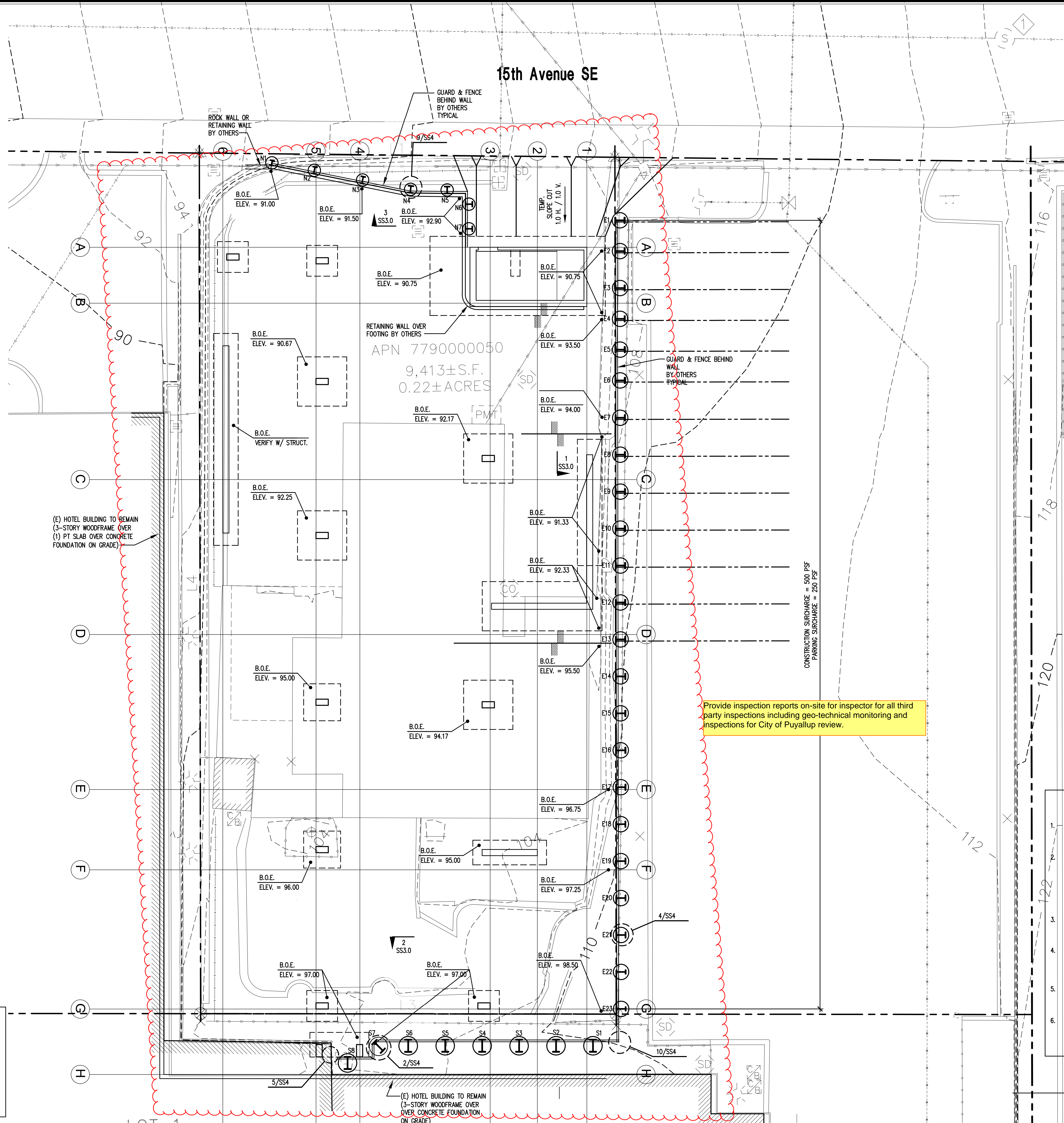
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ENGR. AEM / CAD: DWH / DATE: 03/22/22 / FILE: 22012551 / JOB #: 22012

City of Puyallup  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**Shoring Structural Notes**  
Puyallup Hampton Inn Addition  
1515 S. Meridian Avenue  
Puyallup, Washington 98371

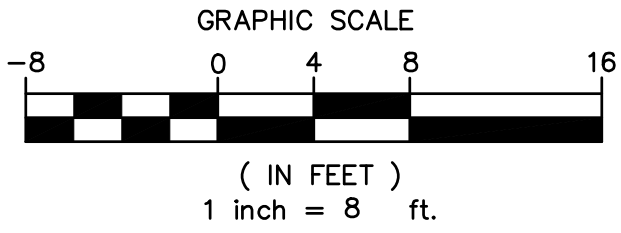
**SS1.1**



See drawing submitted by applicant in CityView 08/09/2022 named CTE 22012 2022 0322 PERMIT ISSUE Shoring Hampton Inn Addition - MARK UP for approved water, domestic and fire, locations

Refer to approved civil plan: E-20-005 for sedimentation and erosion control methods

Refer to approved civil plan: E-20-005 for roof downspout control methods



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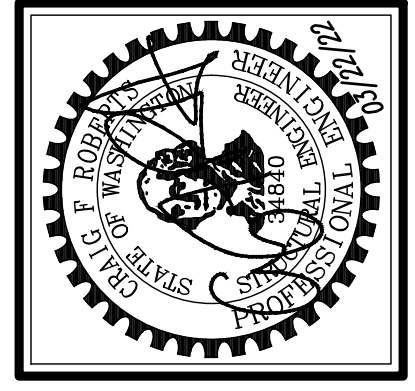
Provide inspection reports on-site for inspector for all third party inspections including geo-technical monitoring and inspections for City of Puyallup review.

**PROPRIETARY INFORMATION**  
FOR USE ONLY WITH THE WRITTEN PERMISSION OF  
**KULCHIN**

- Shoring Notes**
- VERIFY ALL DIMENSIONS WITH ARCHITECT PRIOR TO CONSTRUCTION. RE: ARCHITECT FOR GRID TO FACE OF SHORING. SEE WALL ELEVATIONS FOR SHORING LAYOUT TO GRIDS.
  - A PRECONSTRUCTION MEETING WITH THE CITY DOT (IN ADDITION TO THOSE REQUIRED BY THE BUILDING DEPARTMENT) SHALL BE REQUIRED PRIOR TO START OF CONSTRUCTION. THE OWNER, GENERAL CONTRACTOR, EXCAVATION AND SHORING SUBCONTRACTORS, GEOTECHNICAL ENGINEER, SURVEYOR AND SHORING DESIGNER SHALL BE IN ATTENDANCE. GENERAL CONTRACTOR SHALL COORDINATE MEETING TIME WITH ATTENDEES AND CITY DOT.
  - ALL EXISTING UTILITIES, I.E., OVERHEAD POWER, COMMUNICATION LINES, ETC., AS WELL AS ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED AND PROTECTED THROUGHOUT CONSTRUCTION.
  - ALL EXISTING STORM, SEWER, GAS, ETC., LINES CROSSING INTO THE EXCAVATION SHALL BE FIELD LOCATED AND REROUTED OR CAPPED PRIOR TO INSTALLATION OF THE SHORING. POT HOLE TO VERIFY LOCATION OF UNDER SIDEWALK POWER AND PHONE.
  - ALL SHORING ELEMENTS IN THE ROW SHALL BE REMOVED TO A DEPTH OF AT LEAST 4 FEET BELOW FINISHED GRADE IN THE ROW ONCE THEY ARE NO LONGER NEEDED FOR CONSTRUCTION.
  - CONTRACTOR SHALL NOT STOCK PILE MATERIALS AND/OR EQUIPMENT ALONG THE TOP OF SHORING WALL THAT EXCEEDS 250 PSF. ALL LOADS SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER AND SHORING DESIGNER PRIOR TO PLACEMENT.

**Shoring Plan**  
SCALE: 1/8" = 1'-0"

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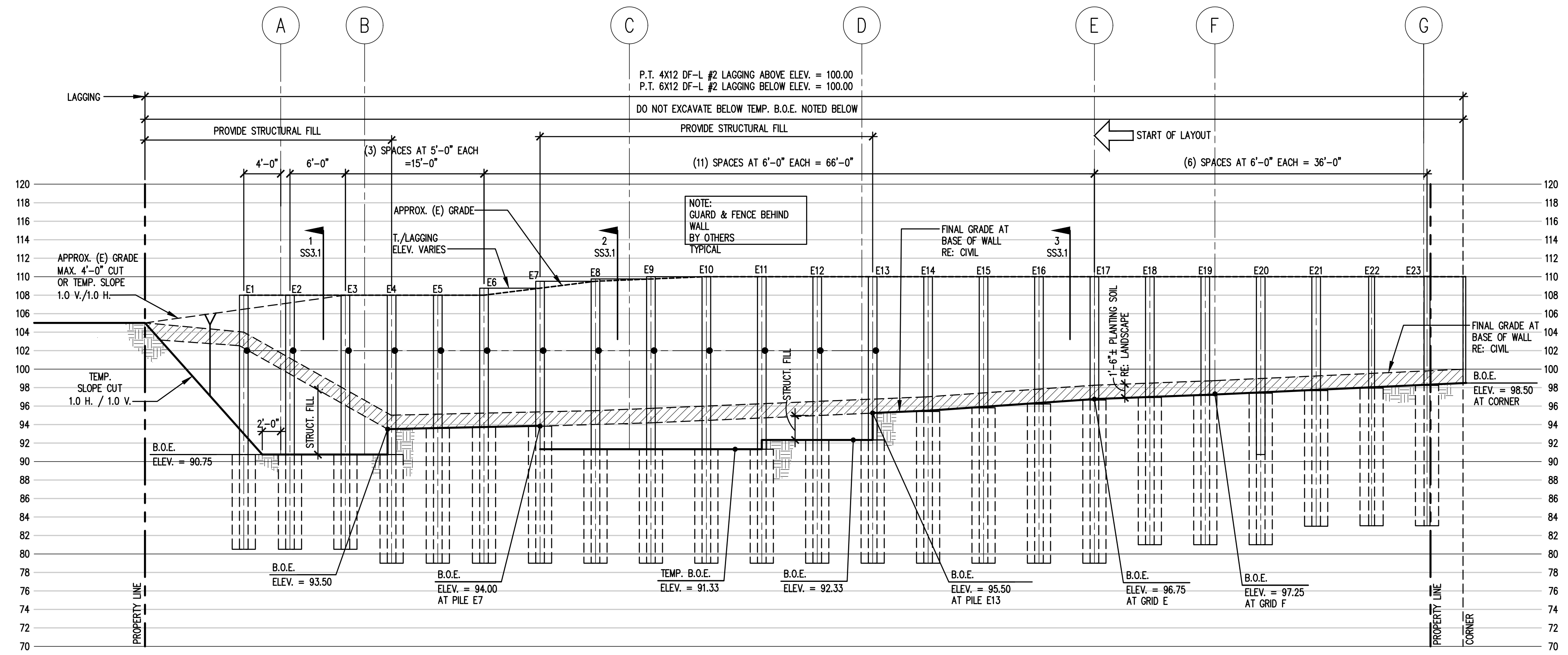
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

**Shoring Plan**  
Puyallup Hampton Inn Addition  
1515 S. Meridian Avenue  
Puyallup, Washington 98371

**SS2.0**

PERMANENT PILE SCHEDULE - EAST WALL

SOLDIER PILE NUMBER	PILE SIZE	HOLE DIAMETER (INCHES)	T.O.P. ELEVATION (FEET)	B.O.P. ELEVATION (FEET)	TIEBACK ELEVATION (FEET)	TIEBACK DIAMETER (INCHES)	TIEBACK ANGLE (DEGREES)	TIEBACK FORCE (KIPS)	BOND LENGTH (FEET)	TOTAL LENGTH (FEET)
E1	W18 X 130	30	108.00	80.50	102.00	6	20	46.0	15.00	30.00
E2	W18 X 130	30	108.00	80.50	102.00	6	20	46.0	15.00	30.00
E3	W18 X 130	30	108.00	80.50	102.00	6	20	46.0	15.00	30.00
E4	W18 X 130	30	108.00	79.00	102.00	6	20	46.0	15.00	30.00
E5	W18 X 130	30	108.00	79.00	102.00	6	20	46.0	15.00	30.00
E6	W18 X 130	30	108.50	79.00	102.00	6	20	46.0	15.00	30.00
E7	W18 X 130	30	109.00	79.00	102.00	6	20	46.0	15.00	30.00
E8	W18 X 130	30	109.50	79.00	102.00	6	20	46.0	15.00	30.00
E9	W18 X 130	30	109.50	79.00	102.00	6	20	46.0	15.00	30.00
E10	W18 X 130	30	110.00	79.00	102.00	6	20	46.0	15.00	30.00
E11	W18 X 130	30	110.00	79.00	102.00	6	20	46.0	15.00	30.00
E12	W18 X 130	30	110.00	79.00	102.00	6	20	46.0	15.00	30.00
E13	W18 X 130	30	110.00	79.00	102.00	6	20	46.0	15.00	30.00
E14	W18 X 130	30	110.00	79.00	-	-	-	-	-	-
E15	W18 X 130	30	110.00	79.00	-	-	-	-	-	-
E16	W18 X 130	30	110.00	79.00	-	-	-	-	-	-
E17	W18 X 130	30	110.00	79.00	-	-	-	-	-	-
E18	W18 X 86	30	110.00	81.00	-	-	-	-	-	-
E19	W18 X 86	30	110.00	81.00	-	-	-	-	-	-
E20	W18 X 86	30	110.00	81.00	-	-	-	-	-	-
E21	W18 X 65	30	110.00	83.00	-	-	-	-	-	-
E22	W18 X 65	30	110.00	83.00	-	-	-	-	-	-
E23	W18 X 65	30	110.00	83.00	-	-	-	-	-	-



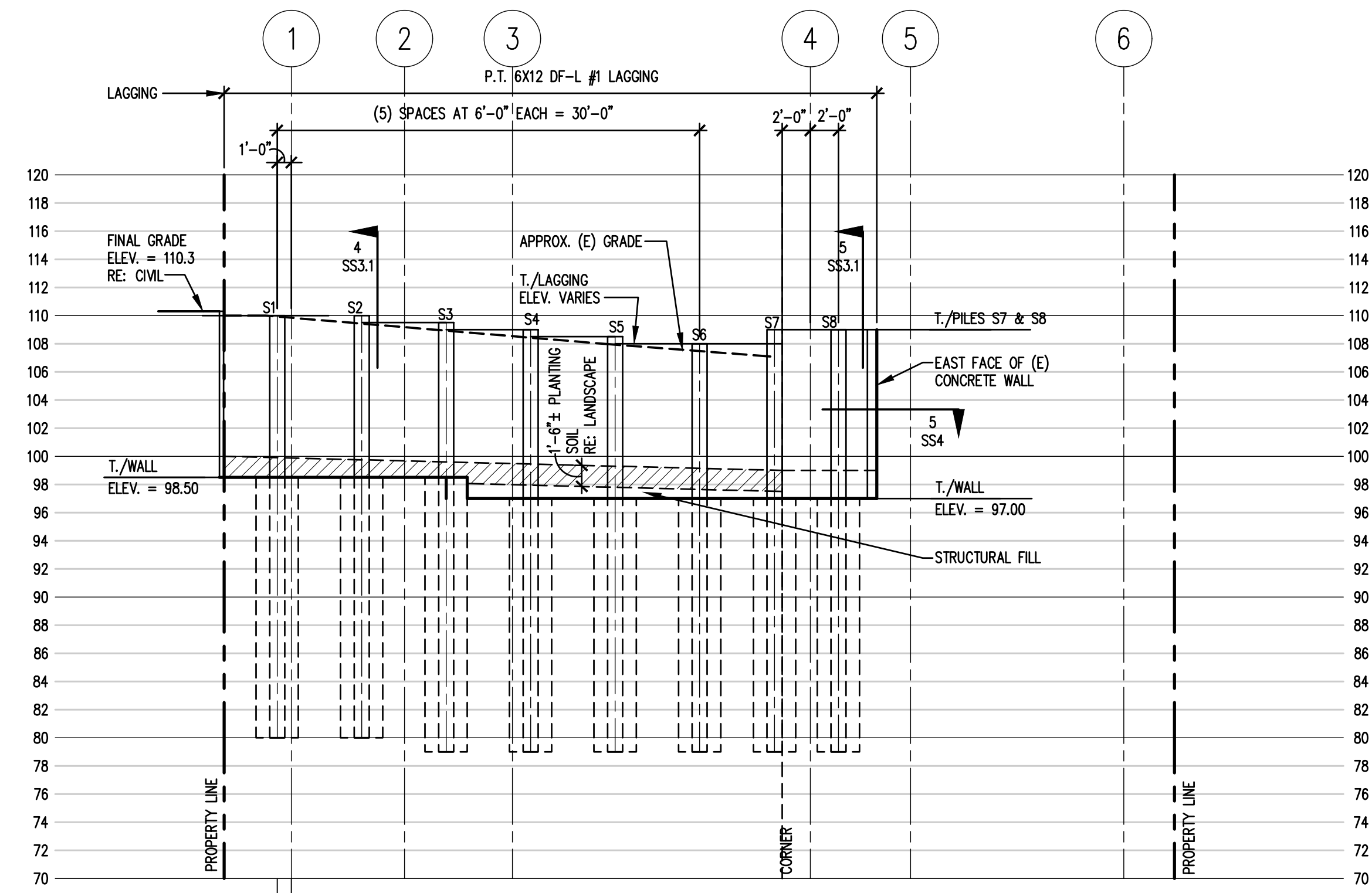
East Shoring Elevation

1 SS3.0

SCALE: 1/8" = 1'-0"

PERMANENT PILE SCHEDULE - SOUTH WALL

SOLDIER PILE NUMBER	PILE SIZE	HOLE DIAMETER (INCHES)	T.O.P. ELEVATION (FEET)	B.O.P. ELEVATION (FEET)
S1 & S2	W24 X 131	36	110.0	80.0
S3	W24 X 131	36	109.5	79.0
S4	W24 X 131	36	109.0	79.0
S5	W24 X 131	36	108.5	79.0
S6	W24 X 131	36	108.0	79.0
S7 & S8	W24 X 131	36	109.0	79.0



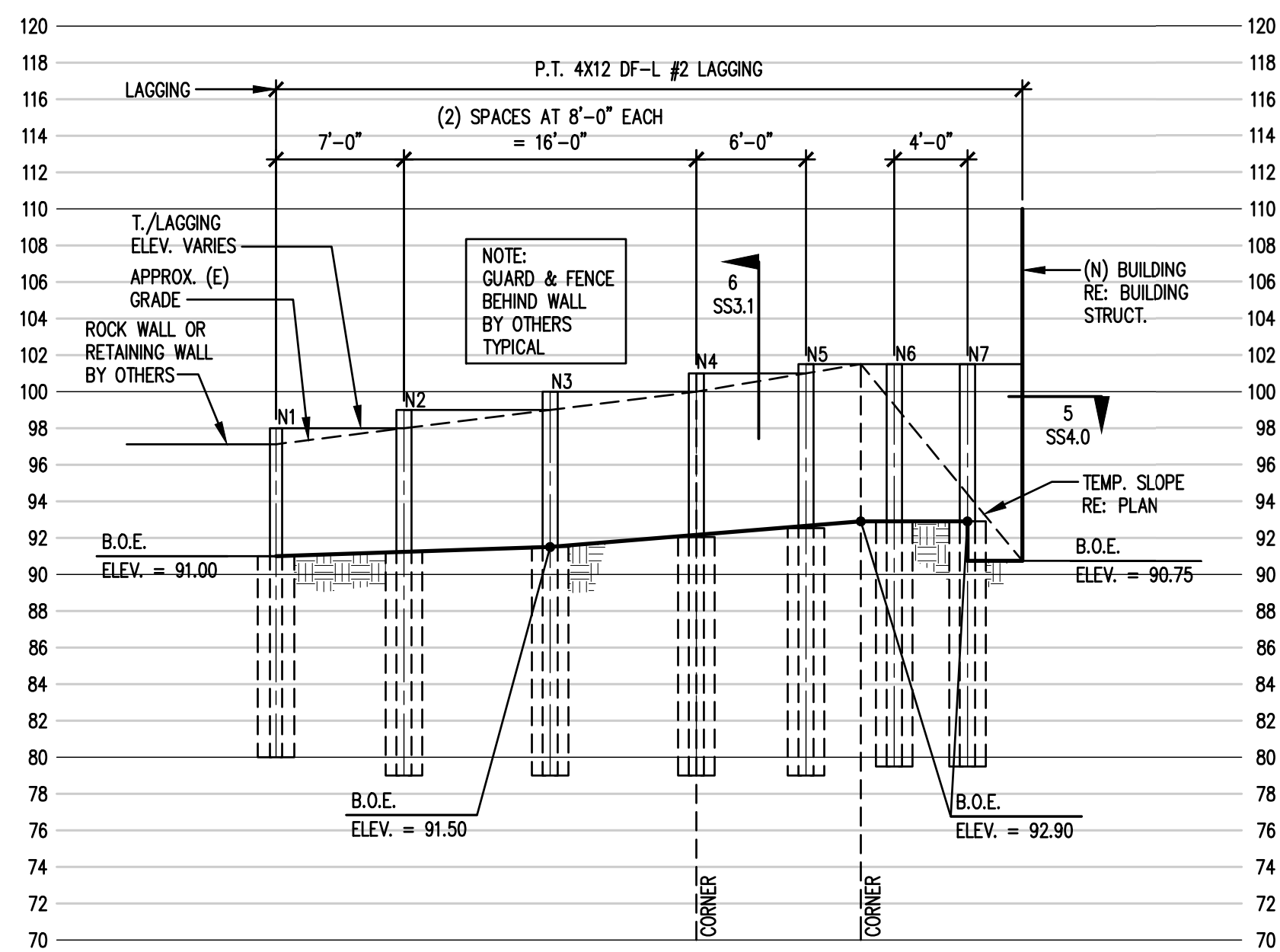
South Shoring Elevation

2 SS3.0

SCALE: 1/8" = 1'-0"

PILE SCHEDULE - NORTH WALL

SOLDIER PILE NUMBER	PILE SIZE	HOLE DIAMETER (INCHES)	T.O.P. ELEVATION (FEET)	B.O.P. ELEVATION (FEET)
N1	W10 X 33	24	98.00	80.00
N2	W14 X 48	24	99.00	79.00
N3	W14 X 48	24	100.00	79.00
N4	W14 X 61	24	101.00	79.00
N5	W14 X 61	24	101.50	79.00
N6	W14 X 61	24	101.50	79.50
N7	W14 X 61	24	101.50	79.50



North Shoring Elevation

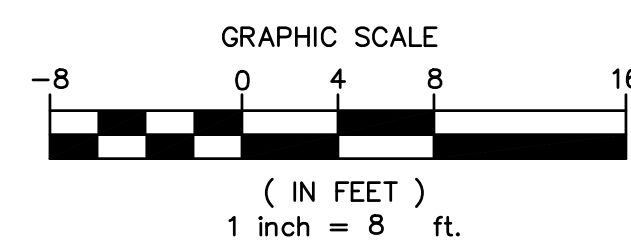
3 SS3.0

SCALE: 1/8" = 1'-0"

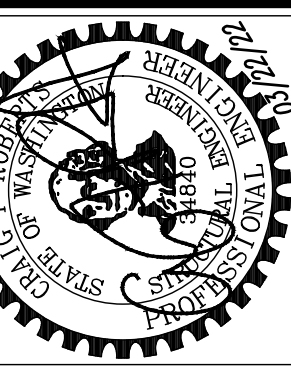
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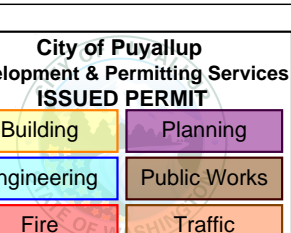


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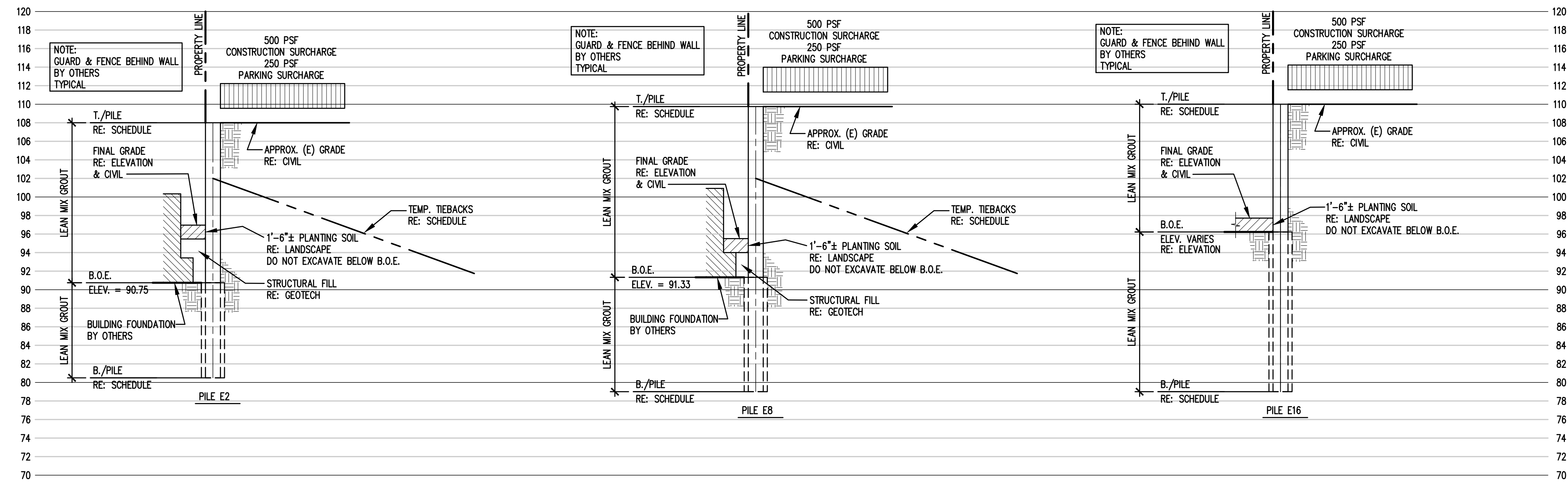
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Puyallup, Washington 98371

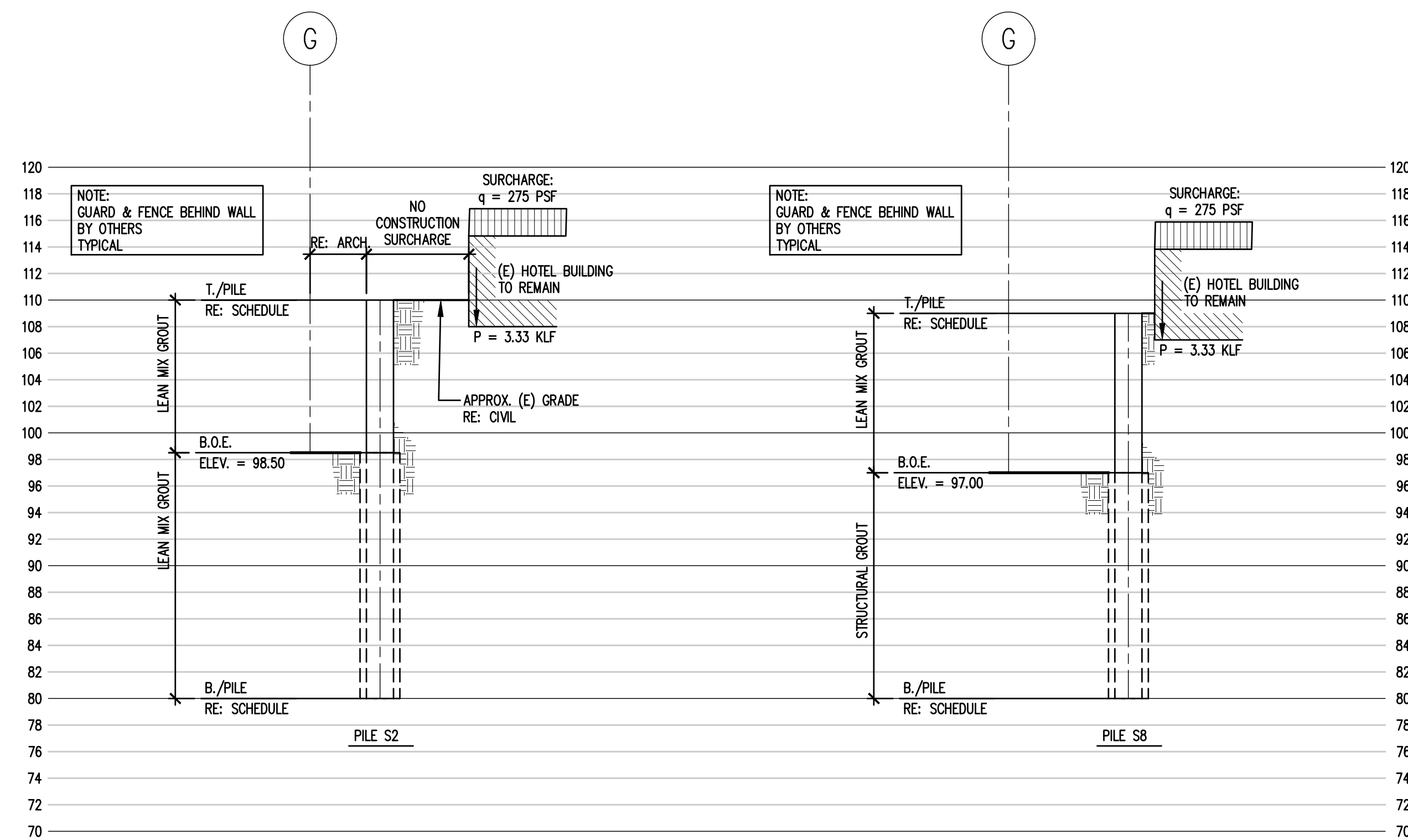
SS3.0



1 Section At East Wall  
SS3.1 SCALE: 1/8" = 1'-0"

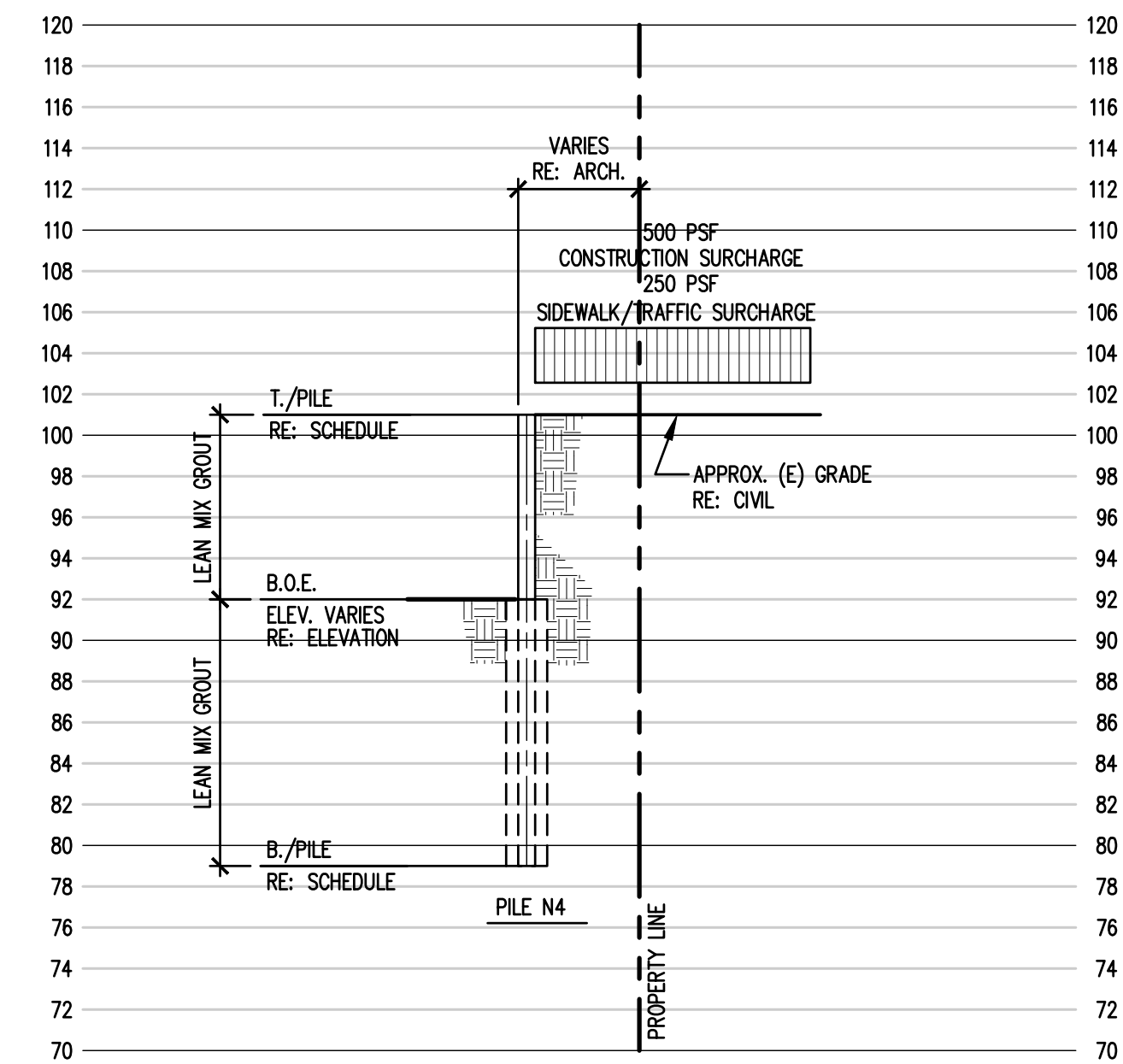
2 Section At East Wall  
SS3.1 SCALE: 1/8" = 1'-0"

3 Section At East Wall  
SS3.1 SCALE: 1/8" = 1'-0"



4 Section At South Wall  
SS3.1 SCALE: 1/8" = 1'-0"

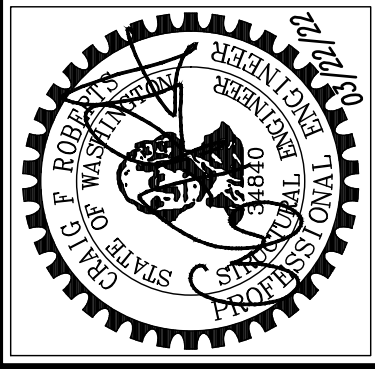
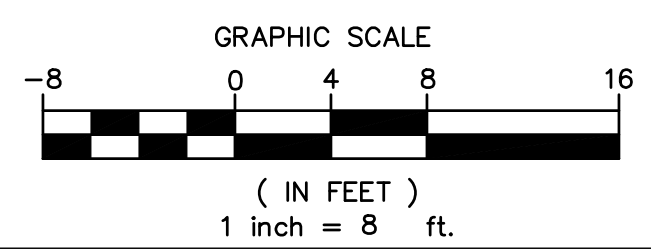
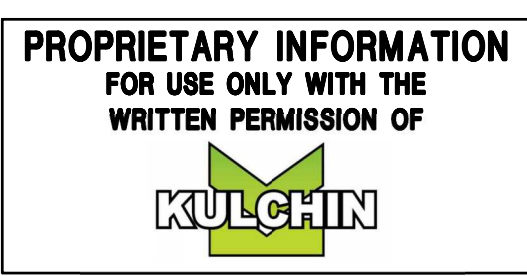
5 Section At South Wall  
SS3.1 SCALE: 1/8" = 1'-0"



6 Section At North Wall  
SS3.1 SCALE: 1/8" = 1'-0"

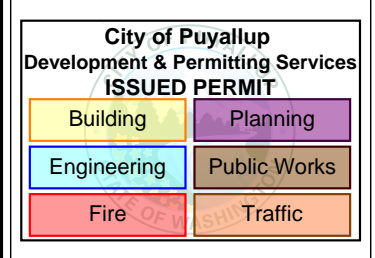
**Utility Conflict Note**  
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**1-800-424-5555**



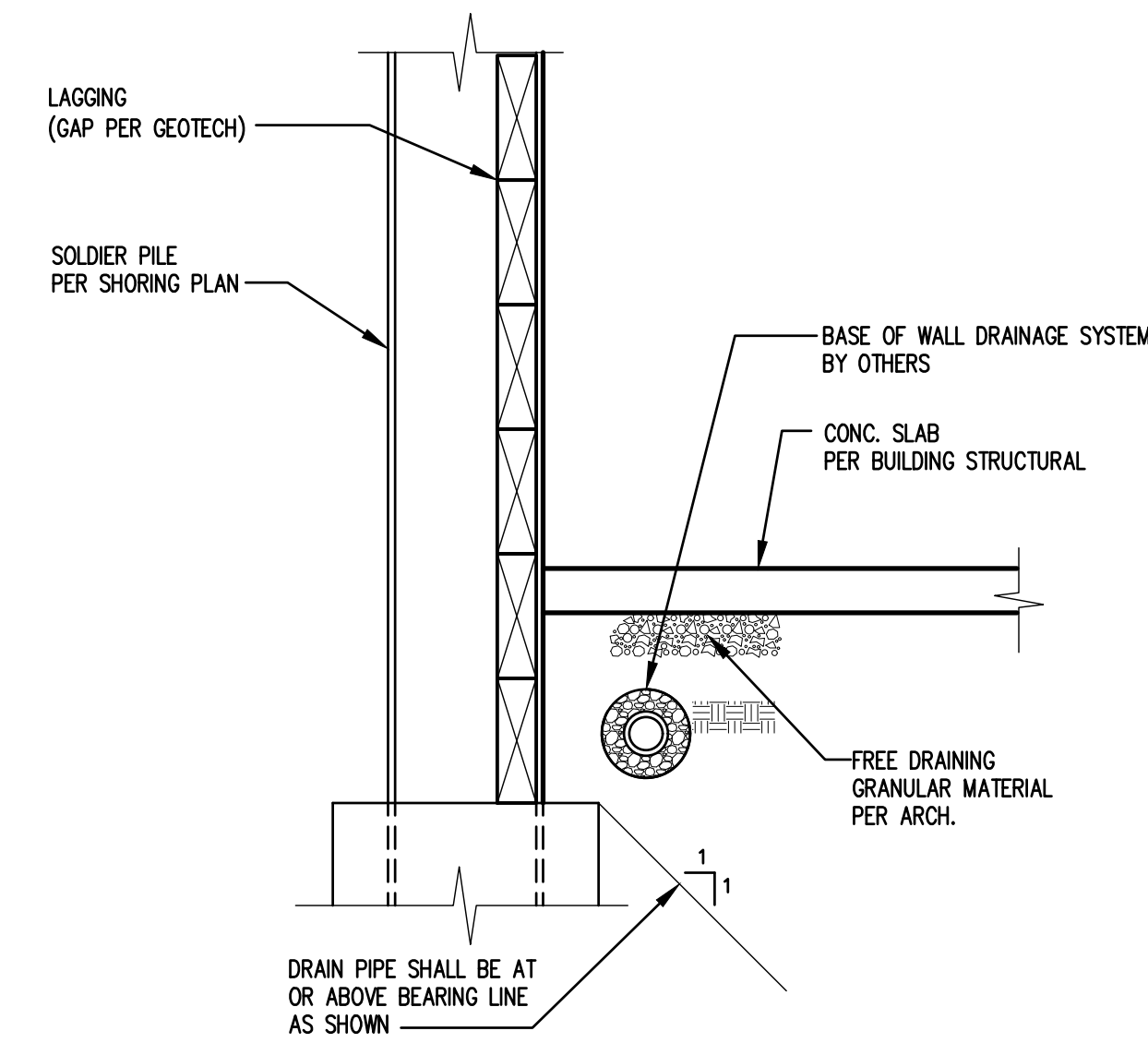
NO.	REVISION	DATE
		03/22/22
		22012SS2
		22012

PERMIT ISSUE  
ENGR: AEM CAD: DWH  
JOB #:



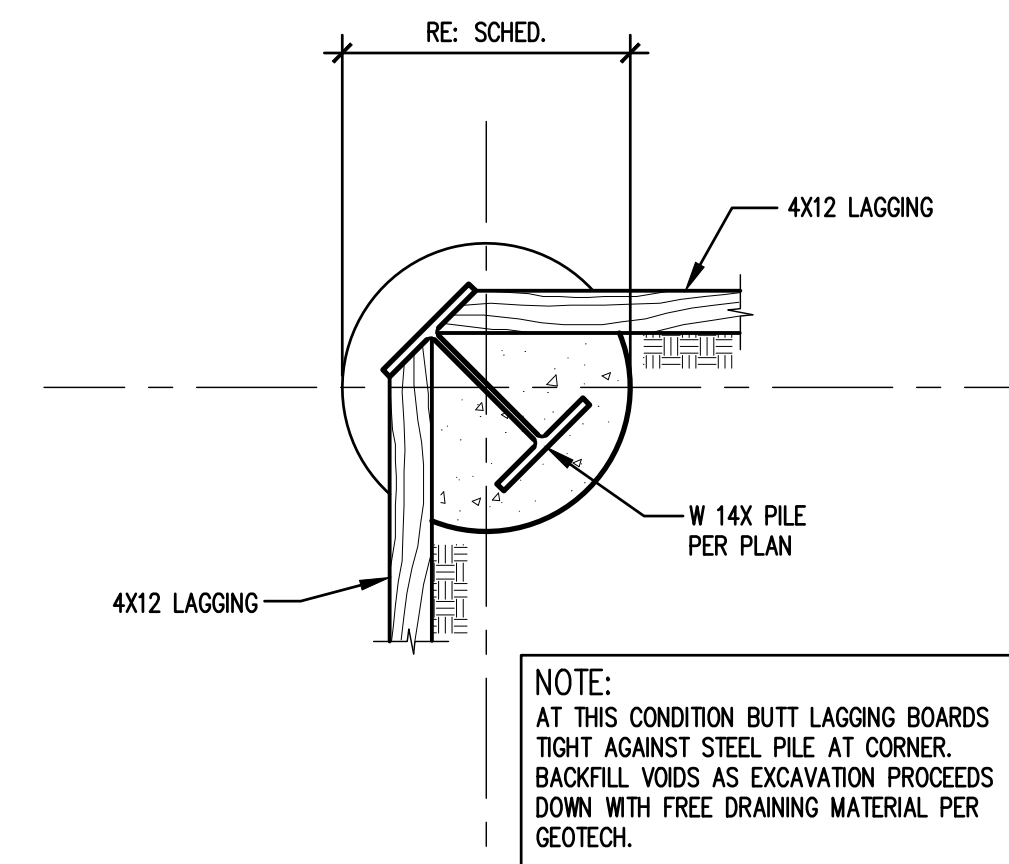
**Shoring Sections**  
Puyallup Hampton Inn Addition  
1515 S. Meridian Avenue  
Puyallup, Washington 98371

**SS3.1**



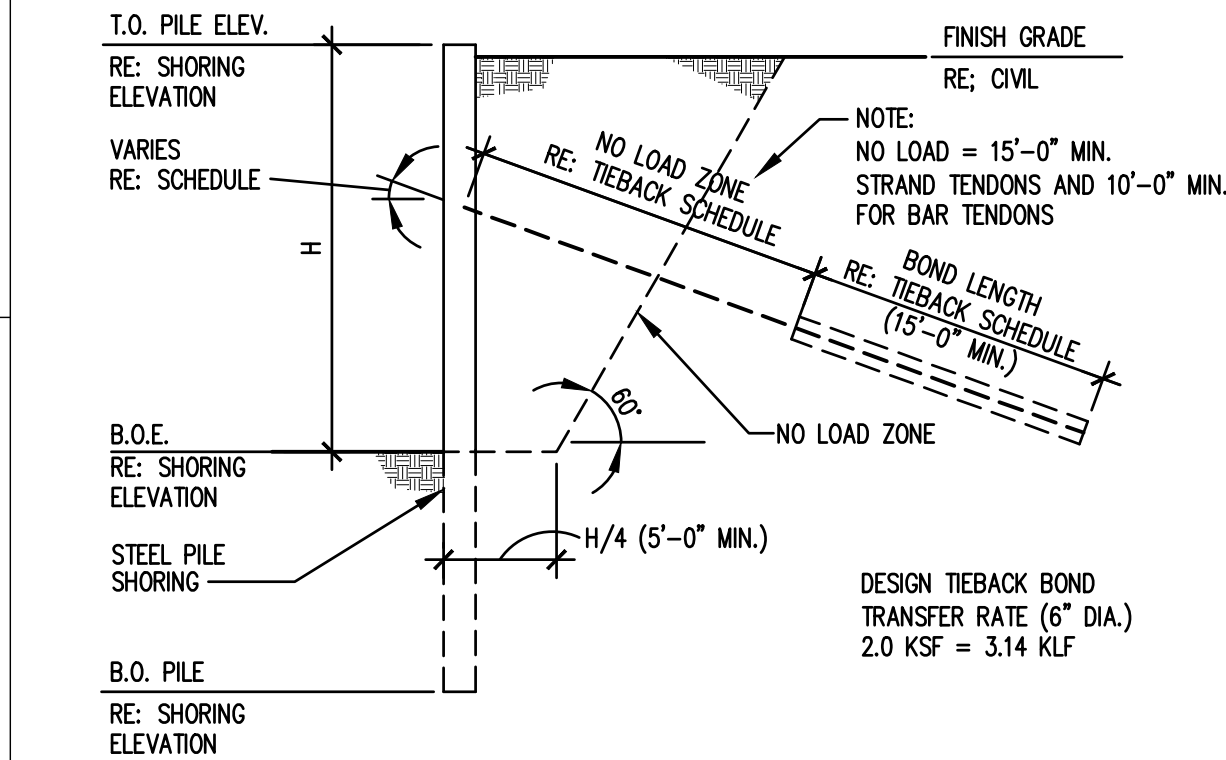
SCALE: 3/4" = 1'-0"

6 TYPICAL SECTION



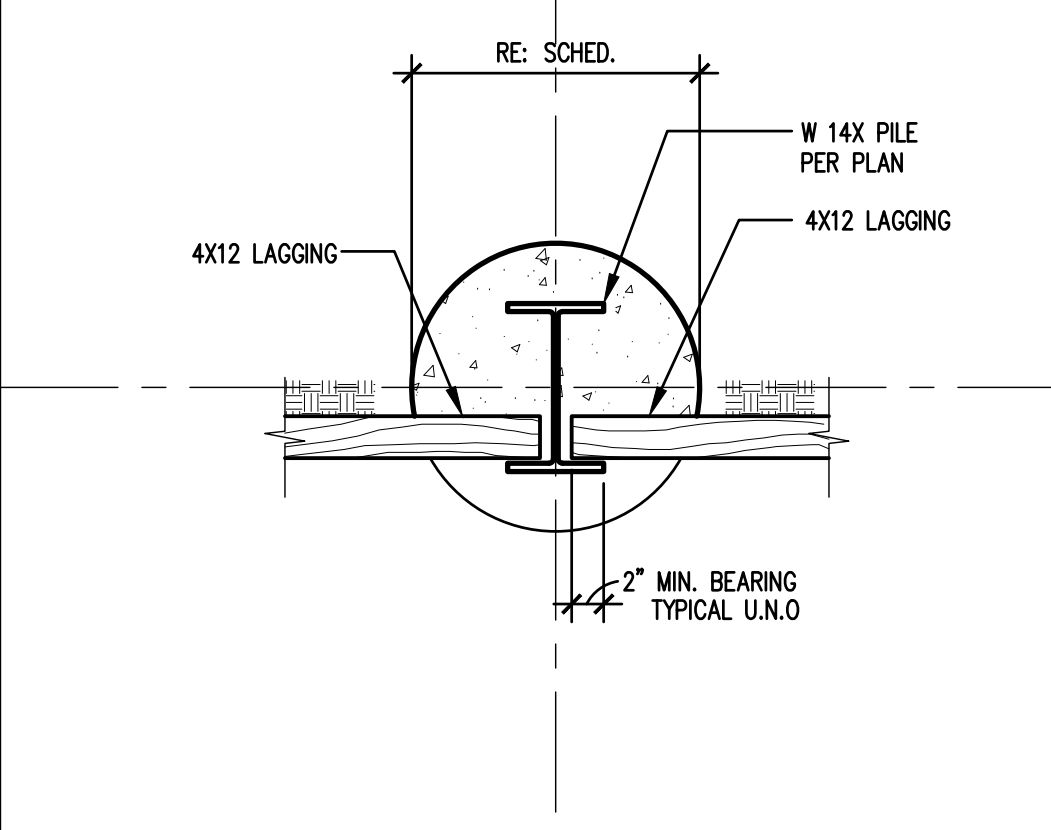
SCALE: 3/4" = 1'-0"

2 TYPICAL CORNER PILE DETAIL



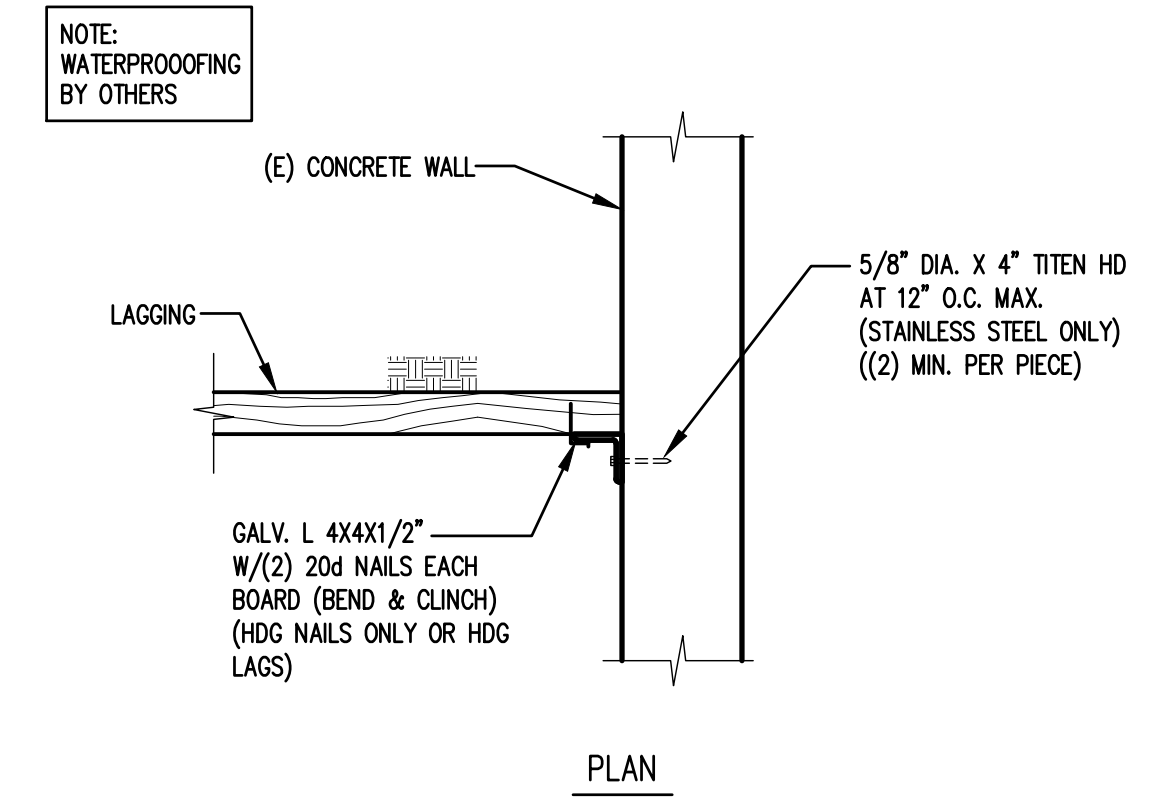
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3 TIEBACK PARAMETERS



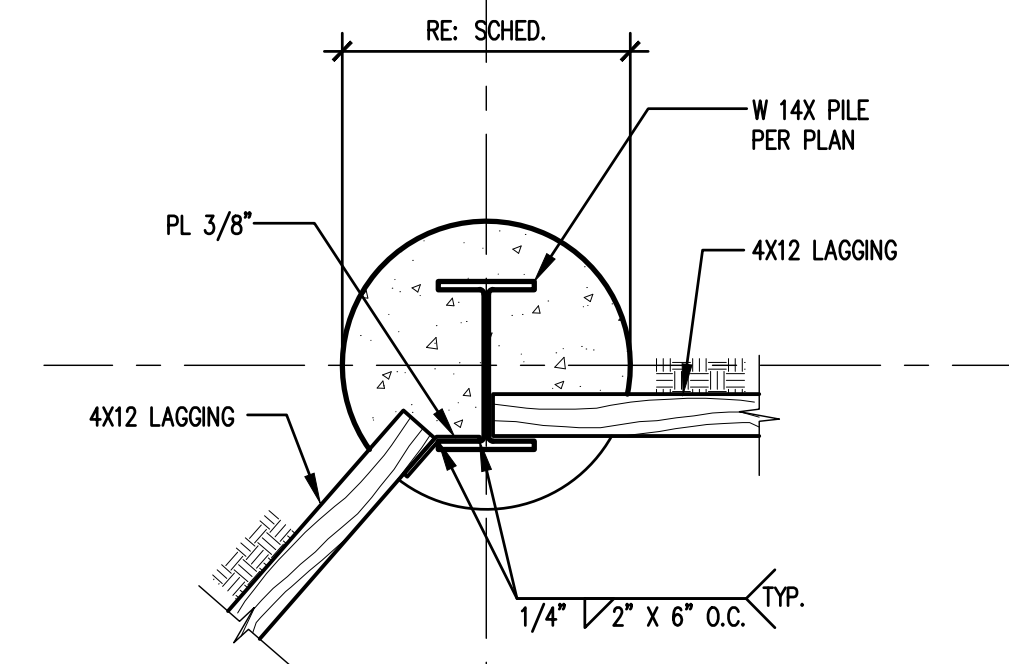
SCALE: 3/4" = 1'-0"

4 TYPICAL PILE DETAIL



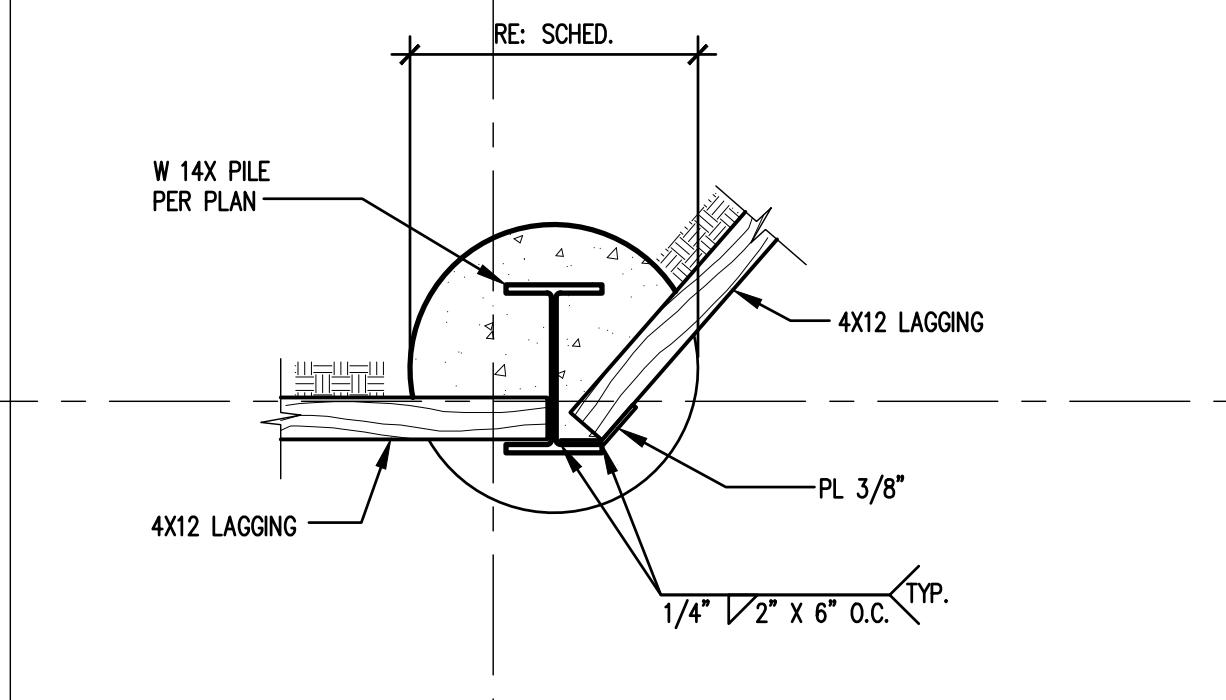
NO SCALE

5 LAGGING DETAIL AT CONCRETE WALL



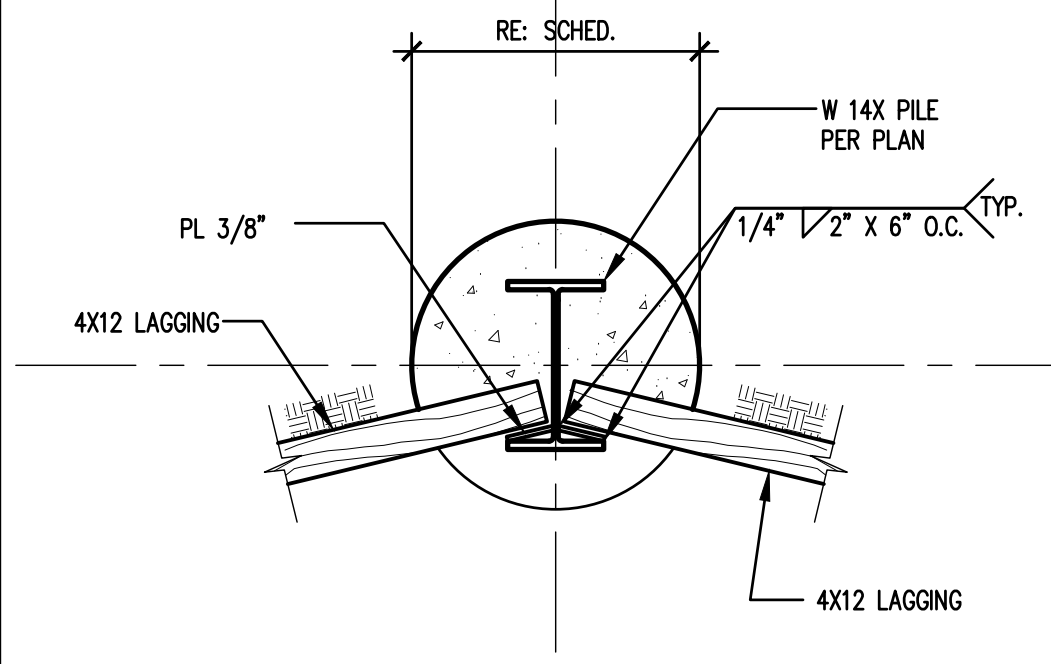
SCALE: 3/4" = 1'-0"

7 TYPICAL CORNER PILE DETAIL



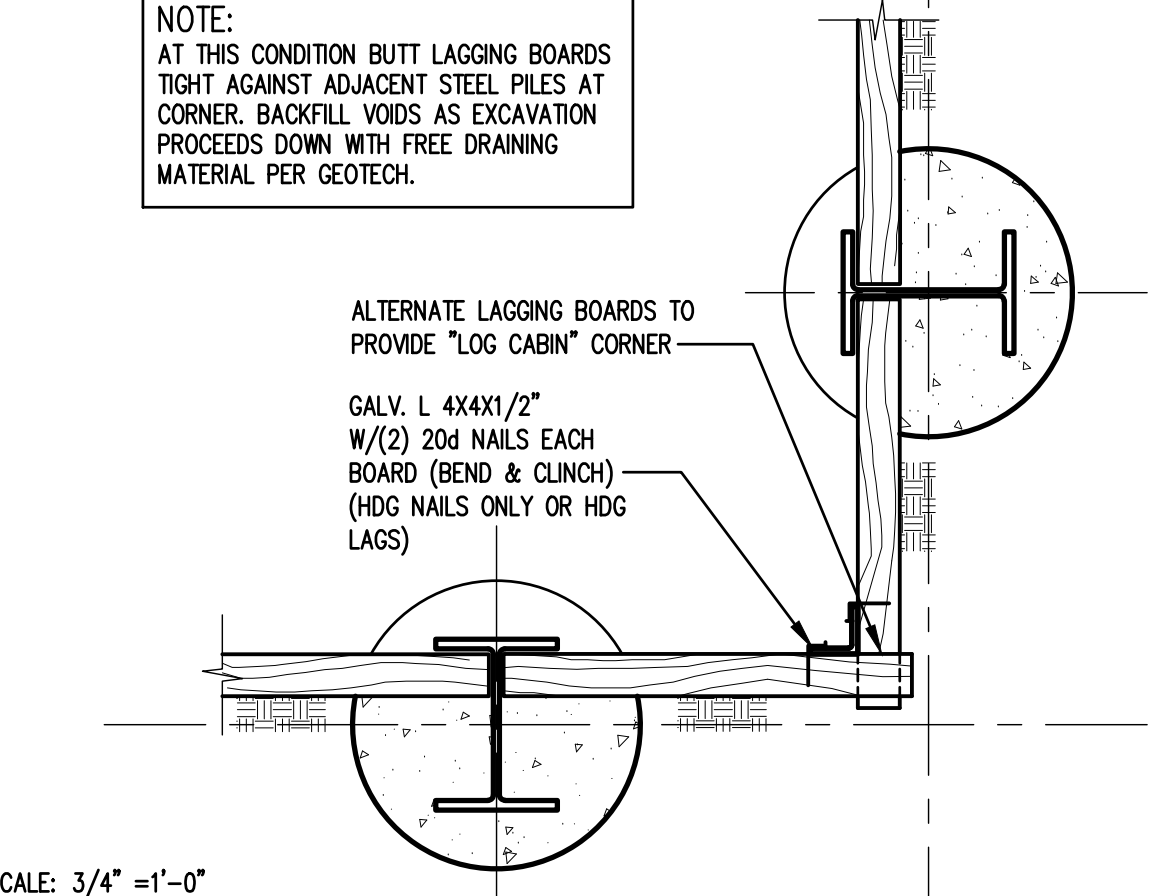
SCALE: 3/4" = 1'-0"

8 TYPICAL CORNER PILE DETAIL



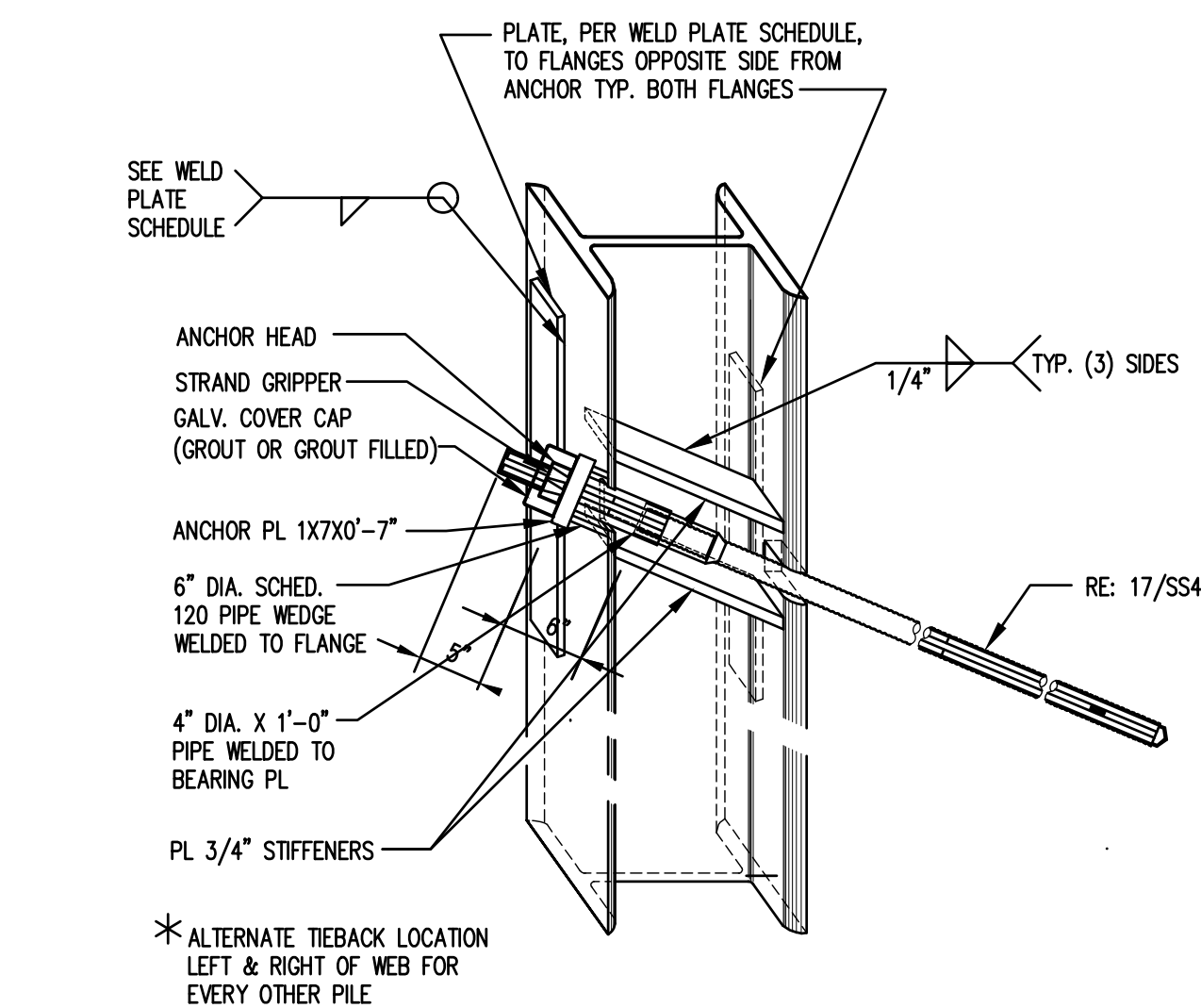
SCALE: 3/4" = 1'-0"

9 TYPICAL CORNER PILE DETAIL



SCALE: 3/4" = 1'-0"

10 TYPICAL BUTTED CORNER DETAIL



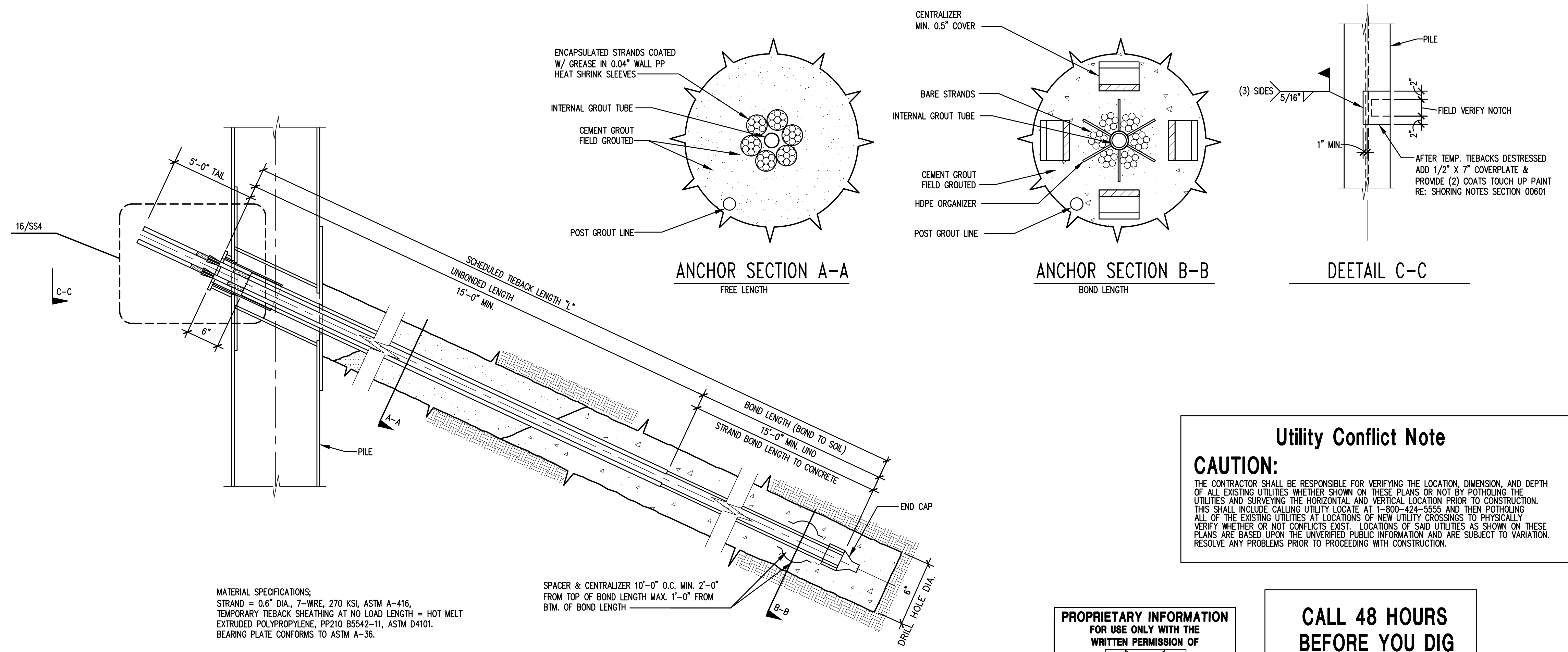
Weld Plate Schedule

PILE	PLATE	WELD
W 18X130	PL 1X4 1/2X3'-0"	5/16"

NOTE: ALL PLATES SHALL BE ASTM A572

SCALE: 3/4" = 1'-0"

16 TYPICAL PILE REINFORCING at TIEBACK



MATERIAL SPECIFICATIONS:  
 STRAND = 0.6" DIA., 7-WIRE, 270 KSI, ASTM A-416.  
 TEMPORARY TIEBACK SHEATHING AT NO LOAD LENGTH = HOT MELT EXTRUDED POLYPROPYLENE, PP210 B5542-11, ASTM D4101.  
 BEARING PLATE CONFORMS TO ASTM A-36.

SCALE: 3/4" = 1'-0"

17 TYPICAL TEMPORARY TIEBACK ANCHOR SECTIONS and DETAILS

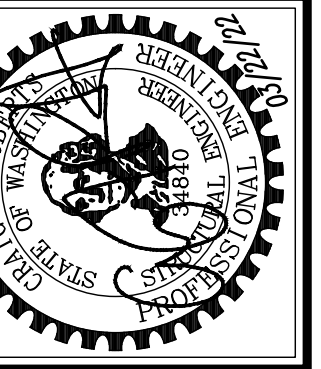


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 Puyallup Hampton Inn Addition  
 1515 S. Meridian Avenue  
 Puyallup, Washington 98371

**SS4.0**



NO.	REVISION	DATE
		03/22/22

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 CAD: DWH  
 DATE: 03/22/22  
 FILE: 22012554  
 ENGR: AEM  
 JOB #: 22012

City of Puyallup Development & Permitting Services ISSUED PERMIT	
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Engineering	Public Works
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**CT ENGINEERING INC.**  
 Structural Engineers  
 180 Nickerson Street Suite 302 Seattle, WA 98109  
 206.885.4512 (Y) 206.285.0618 (F)