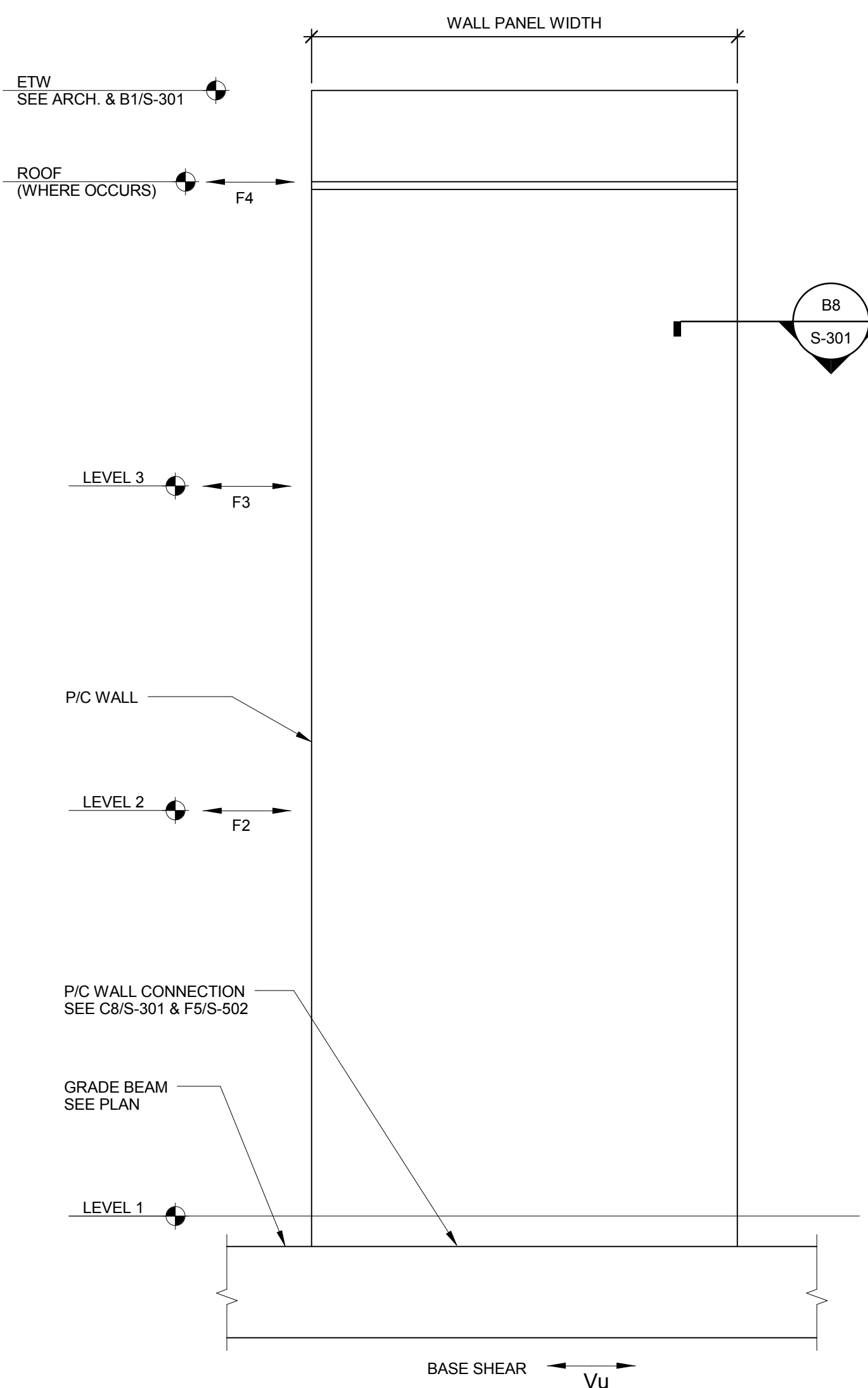
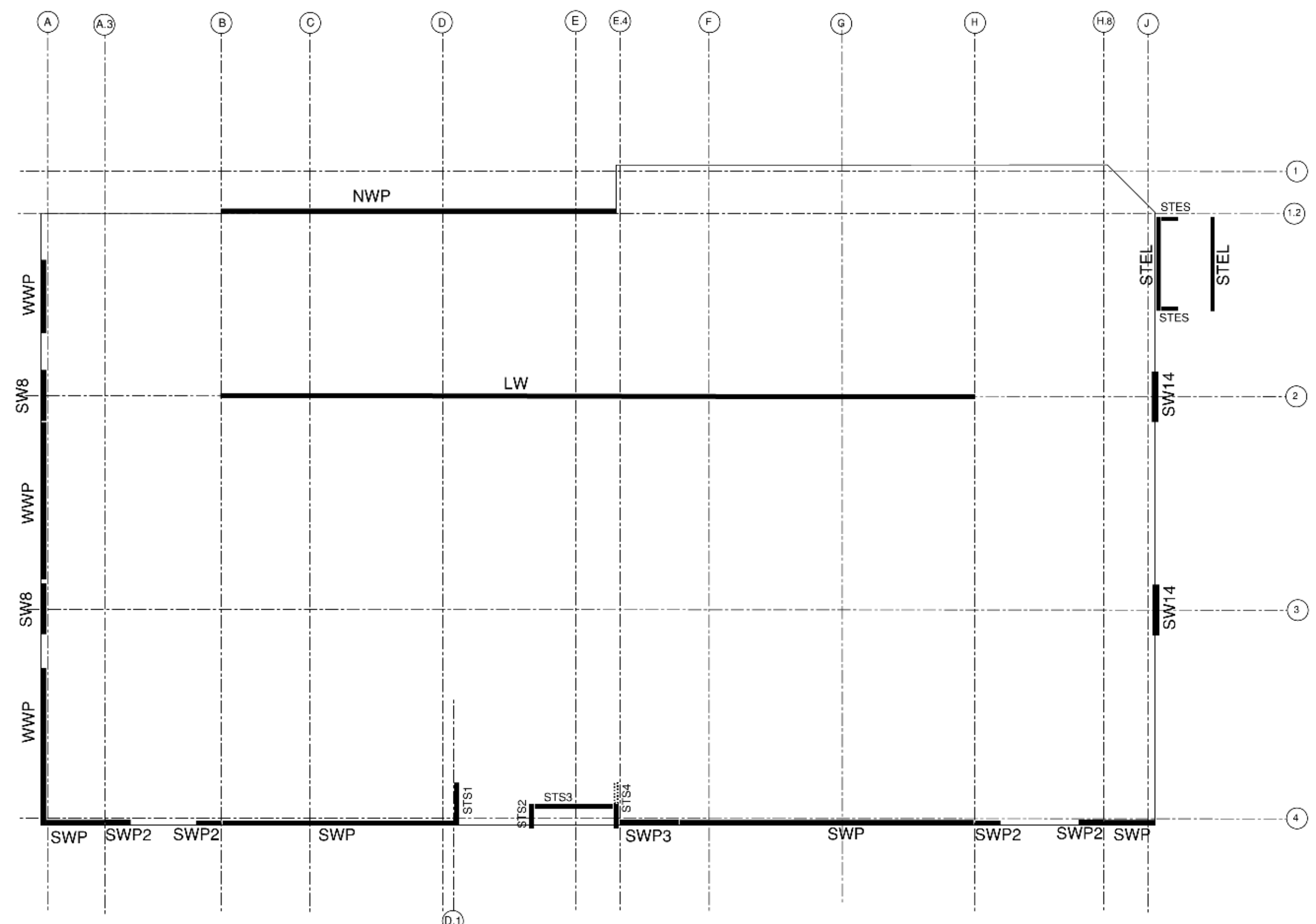


B1 LIGHTWALL ELEVATION
3/32" = 1'-0"

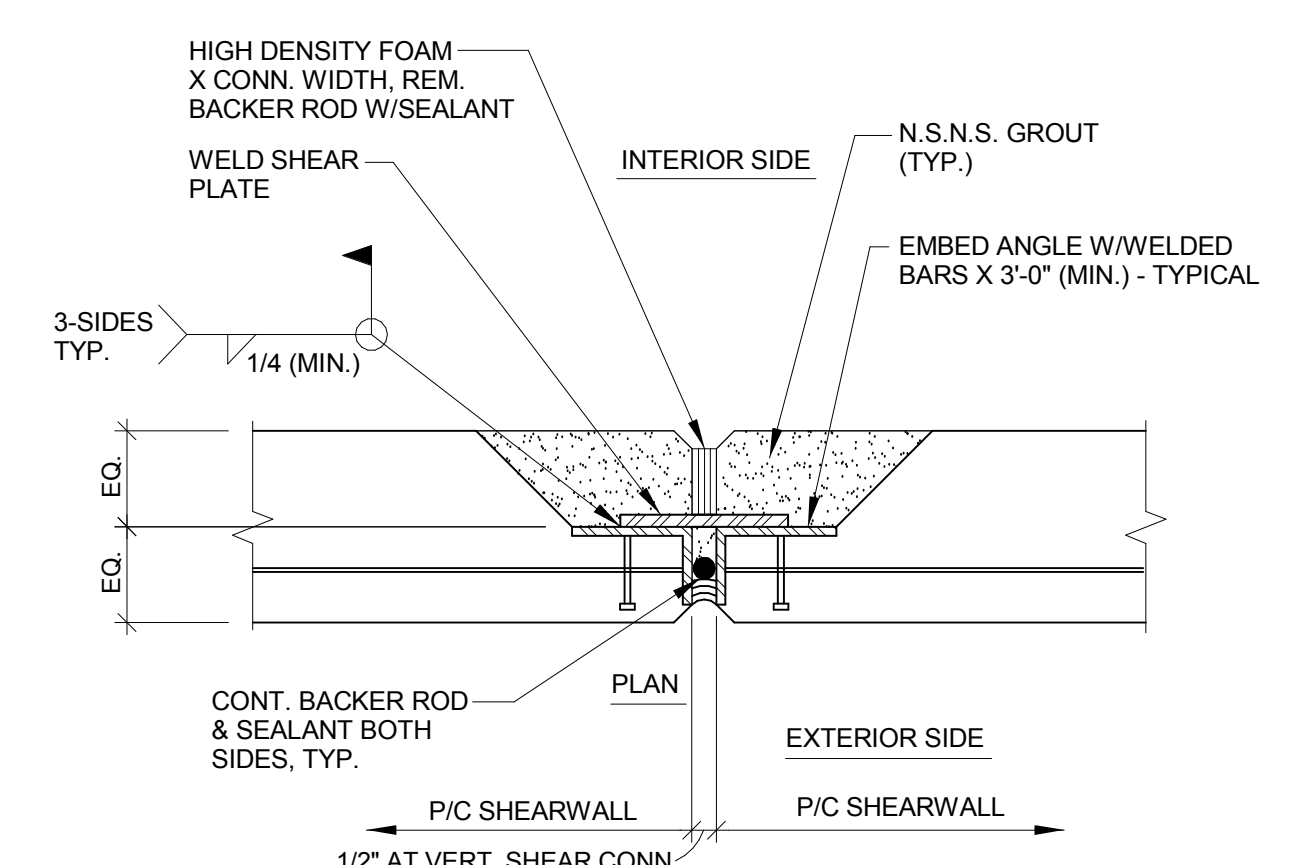
- P/C SHEAR WALL NOTES:**
- FOR GENERAL NOTES SEE S-001.
 - P/C SHEAR WALL AND LIGHTWALL DESIGN IS PERFORMANCE DESIGN AND SHALL INCLUDE SIZE, NUMBER, AND LOCATION OF VERTICAL AND HORIZONTAL REINFORCING. DESIGN SHALL ALSO INCLUDE BASE CONNECTION, PIECE CONNECTIONS, SIZE, NUMBER, AND SPACING OF SHEAR TRANSFER CONNECTIONS INTO TEE TOPPING FOR TRANSFER OF LATERAL LOADS. SEE SPECIFICATION 03410 FOR PRECAST CONCRETE.
 - P/C WALL PANEL THICKNESS ALONG LINE A, 1.3 AND 4 IS 8" ALONG LINE J IS 14" AND AT STAIR/ELEVATOR TOWERS IS 8". LIGHTWALL IS 9" THICK.
 - FOR LATERAL LOADS DUE TO EARTHQUAKE OR WIND SEE SCHED. ON THIS SHEET. LOADS INDICATED ARE ULTIMATE LOADS AND ARE REVERSIBLE. LATERAL LOADS SHALL BE CONSIDERED IN COMBINATION WITH ALL LIVE & DEAD LOADS FOR DESIGN.
 - P/C SHEAR WALL SHALL BE CONNECTED TO ADJACENT P/C PANEL AND CIP GRADE BEAM AS REQUIRED TO RESIST OVERTURNING.
 - PROVIDE THICKENED SECTION AT TOP OF P/C WALL EXTENDED UP TO ELEVATION AS REQUIRED FOR LIGHT POLE SUPPORT. COORDINATE LOCATION AND REQUIREMENTS WITH ELECTRICAL DRAWINGS AND LIGHT POLE SUPPLIER.
 - MINIMUM TIES FOR VERTICAL LIGHTWALL ELEMENTS SHALL BE #4 GR 60 CLOSED TIES AS FOLLOWS:
A. @ 10" O.C. MAXIMUM SPACING.
B. ADD (3) TIES AT 3" O.C. @ TOP AND BOTTOM OF BEAM.
C. ADD (3) TIES @ 3" O.C. ABOVE AND BELOW HAUNCHES.



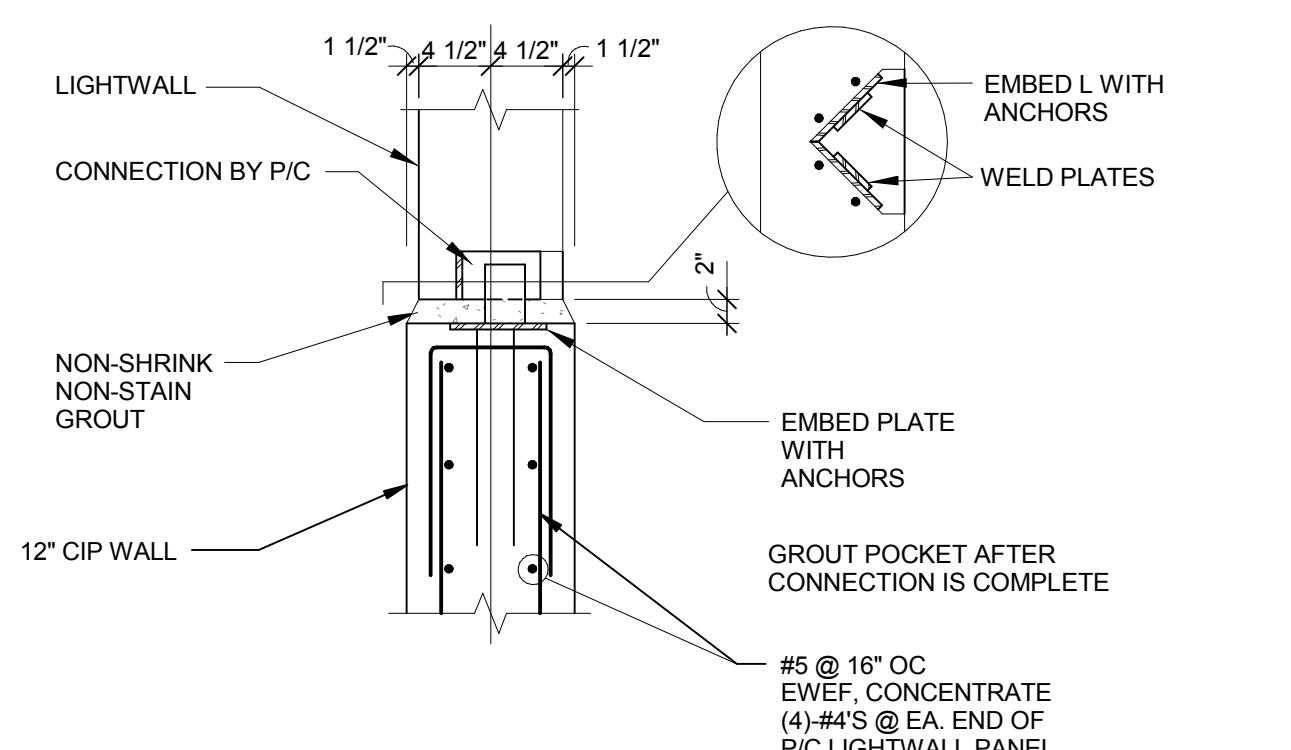
F1 P/C WALL ELEVATION
1/4" = 1'-0"



F3 P/C WALL TYPE KEY PLAN
1/4" = 1'-0"

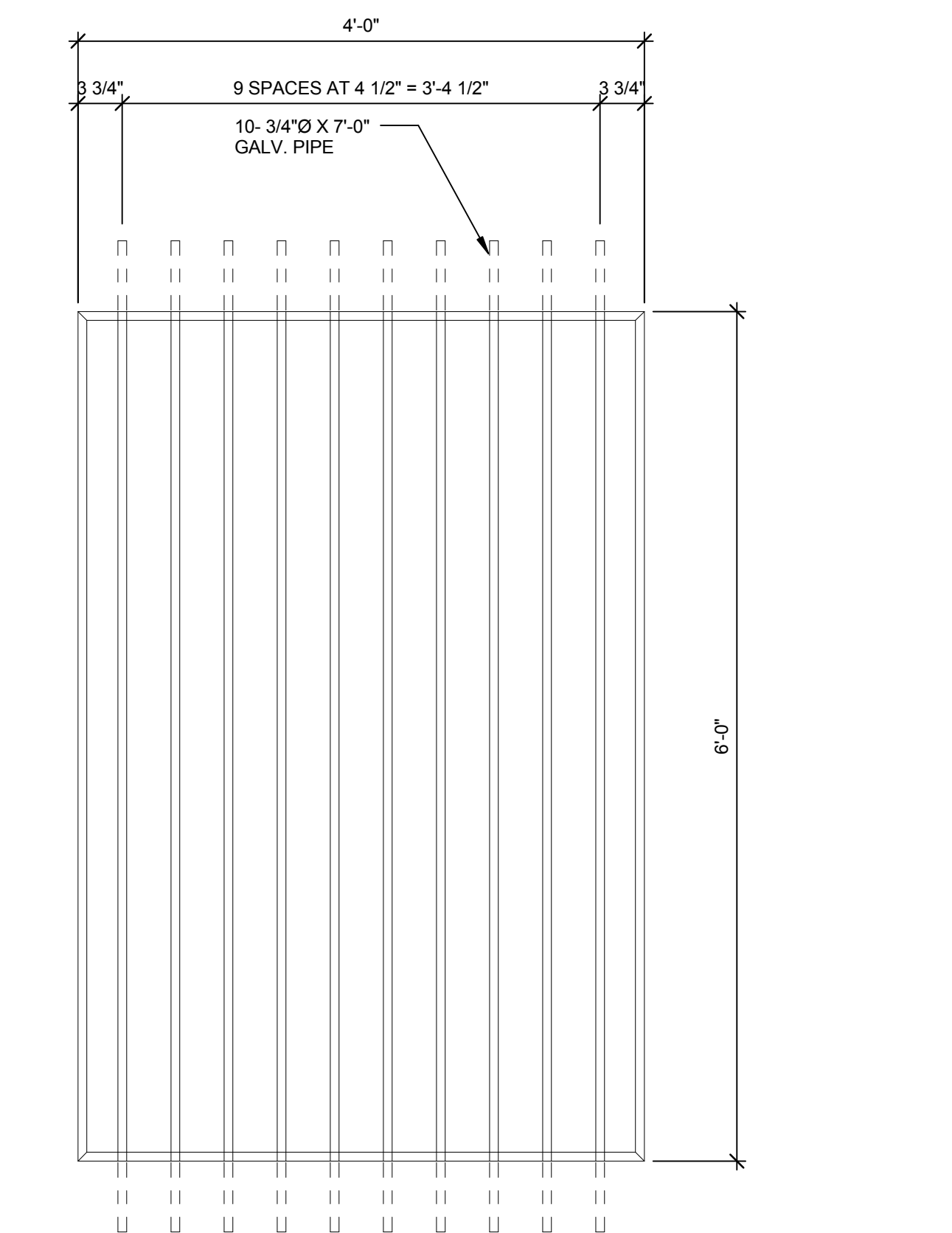


B8 VERTICAL PANEL/PANEL CONNECTION DETAIL
1 1/2" = 1'-0"



C8 LIGHTWALL BASE CONNECTION DETAIL
3/4" = 1'-0"

PRECAST WALL LATERAL FORCE SCHEDULE				
LEVEL	WALL TYPE	FACTORED SEISMIC LOAD (KIPS)	FACTORED WIND LOAD (KIPS)	REMARKS
TOP	LW	5	-	36 FT LIGHTWALL PANEL AT LINE 2
2	LW	4	-	36 FT LIGHTWALL PANEL AT LINE 2
BASE	LW	9	-	36 FT LIGHTWALL PANEL AT LINE 2
TOP	SW8	-	4	8" THICK SHEAR WALL AT LINE A
2	SW8	-	4	8" THICK SHEAR WALL AT LINE A
BASE	SW8	-	8	8" THICK SHEAR WALL AT LINE A
TOP	SW14	-	18	14" THICK SHEAR WALL AT LINE J
2	SW14	-	17	14" THICK SHEAR WALL AT LINE J
BASE	SW14	-	35	14" THICK SHEAR WALL AT LINE J
TOP	WWP	-	7	12 FT WALL PANEL AT LINE A
2	WWP	-	5	12 FT WALL PANEL AT LINE A
BASE	WWP	-	12	12 FT WALL PANEL AT LINE A
TOP	NWP	2	-	12 FT WALL PANEL AT LINE 1.3
2	NWP	2.5	-	12 FT WALL PANEL AT LINE 1.3
BASE	NWP	4.5	-	12 FT WALL PANEL AT LINE 1.3
TOP	SWP	2.2	-	12 FT WALL PANEL AT LINE 4
2	SWP	2.7	-	12 FT WALL PANEL AT LINE 4
BASE	SWP	4.9	-	12 FT WALL PANEL AT LINE 4
TOP	SWP2	0.5	-	6 FT WALL PANEL AT FUTURE OPENING
2	SWP2	0.7	-	6 FT WALL PANEL AT FUTURE OPENING
BASE	SWP2	1.2	-	6 FT WALL PANEL AT FUTURE OPENING
TOP	SWP3	2	-	12 FT WALL PANEL AT LINE A
2	SWP3	3.5	-	12 FT WALL PANEL AT LINE A
BASE	SWP3	5.5	-	12 FT WALL PANEL AT LINE A
TOP	STES	-	1.1	EAST TOWER NORTH AND SOUTH WALLS
3	STES	-	2.2	EAST TOWER NORTH AND SOUTH WALLS
2	STES	-	2.4	EAST TOWER NORTH AND SOUTH WALLS
BASE	STES	-	5.7	EAST TOWER NORTH AND SOUTH WALLS
TOP	STEL	-	0.8	EAST TOWER EAST AND WEST WALLS
3	STEL	-	1.5	EAST TOWER EAST AND WEST WALLS
2	STEL	-	1.6	EAST TOWER EAST AND WEST WALLS
BASE	STEL	-	3.9	EAST TOWER EAST AND WEST WALLS
TOP	STS1	-	3.4	SOUTH TOWER WALL AT D.1
3	STS1	-	4.5	SOUTH TOWER WALL AT D.1
2	STS1	-	5.3	SOUTH TOWER WALL AT D.1
BASE	STS1	-	13.2	SOUTH TOWER WALL AT D.1
TOP	STS2	-	3	SOUTH TOWER WALL AT D.7
3	STS2	-	2.7	SOUTH TOWER WALL AT D.7
2	STS2	-	1.8	SOUTH TOWER WALL AT D.7
BASE	STS2	-	7.5	SOUTH TOWER WALL AT D.7
TOP	STS3	-	3.6	SOUTH TOWER WALL AT 3.8
3	STS3	-	2.5	SOUTH TOWER WALL AT 3.8
2	STS3	-	2.9	SOUTH TOWER WALL AT 3.8
BASE	STS3	-	9	SOUTH TOWER WALL AT 3.8
TOP	STS4	-	4.7	SOUTH TOWER WALL AT E.4
3	STS4	-	3.8	SOUTH TOWER WALL AT E.4
2	STS4	-	5.7	SOUTH TOWER WALL AT E.4
BASE	STS4	-	14.2	SOUTH TOWER WALL AT E.4



F8 LIGHTWALL OPENING DETAIL
1" = 1'-0"

Date: 2-24-14
Revisions:
2-24-14 DD2 COST ESTIMATE SET
3-05-14 35% CD SET - NOT FOR CONSTRUCTION
4-30-14 65% CD SET - NOT FOR CONSTRUCTION
6-03-14 95% CD SET - NOT FOR CONSTRUCTION
7-15-14 100% CD SET

PRINTED: 7/14/2014 3:27:07 PM

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Drawing Title
LIGHTWALL ELEVATION AND DETAILS

Approved: Project Director

Project Title
PATIENT PARKING GARAGE EXPANSION
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NORTH TEXAS VETERANS HEALTH CARE CENTER
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Location

Date
Issue Date

Checked
JEW

Drawn
SOA

Project Number
549-906

Building Number
80

Drawing Number
S-301

Dwg. 52 of 93

Office of Construction and Facilities Management
Department of Veterans Affairs