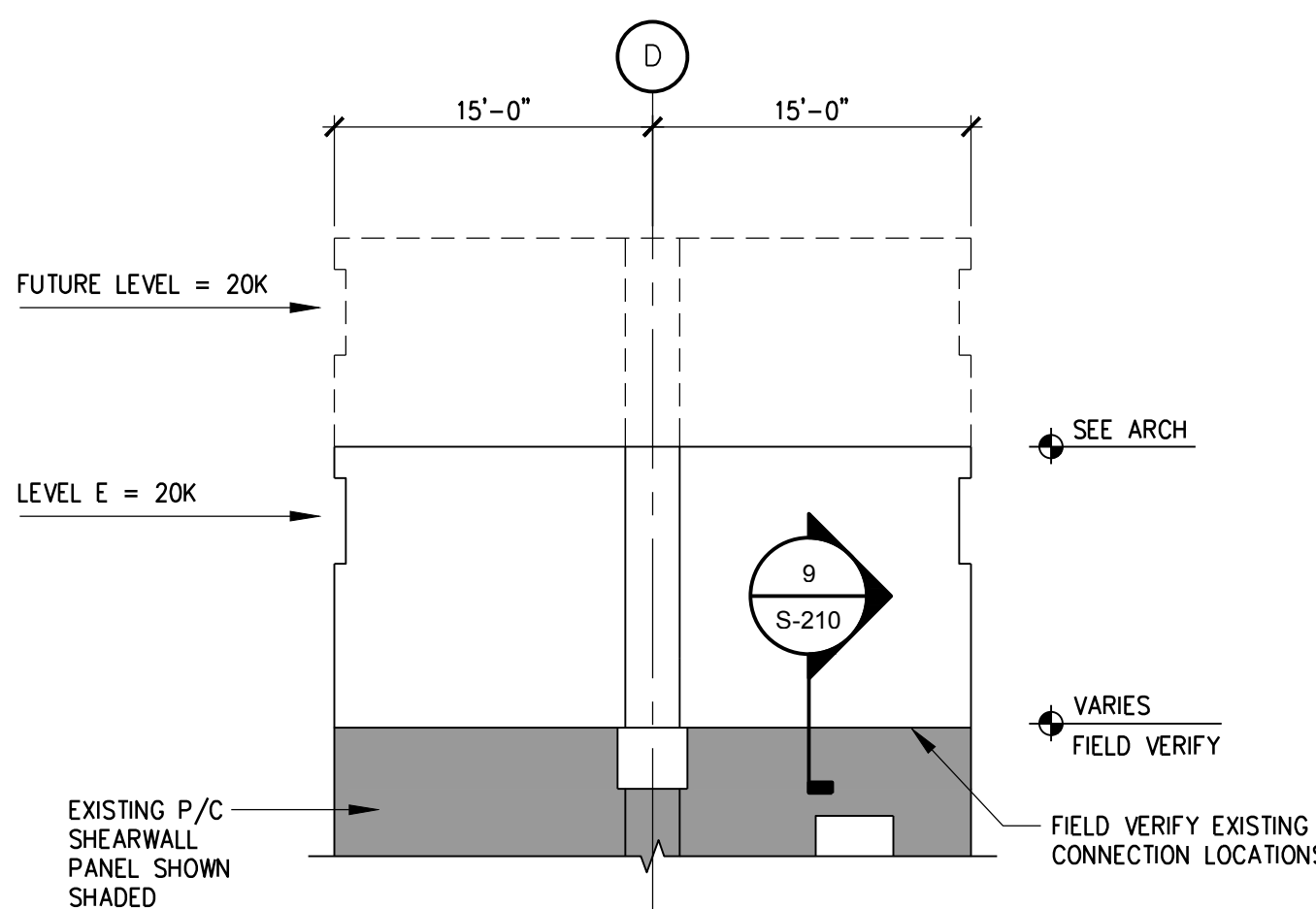


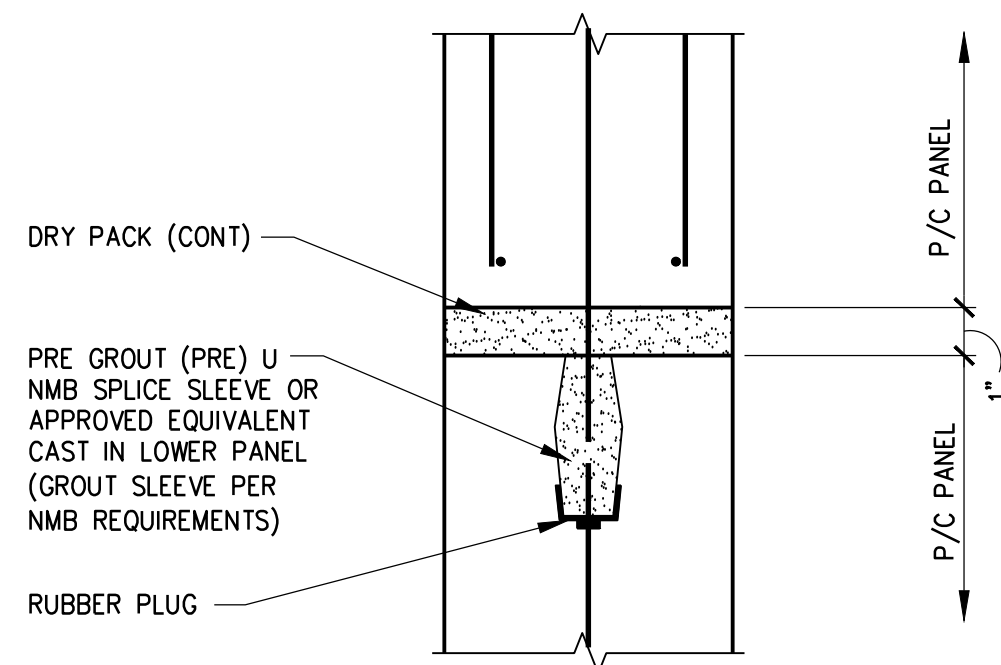
NOTE:
FORCES SHOWN ARE ULTIMATE WIND LATERAL FORCES AT EACH LEVEL.

1 SHEARWALL ELEVATION
NOT TO SCALE

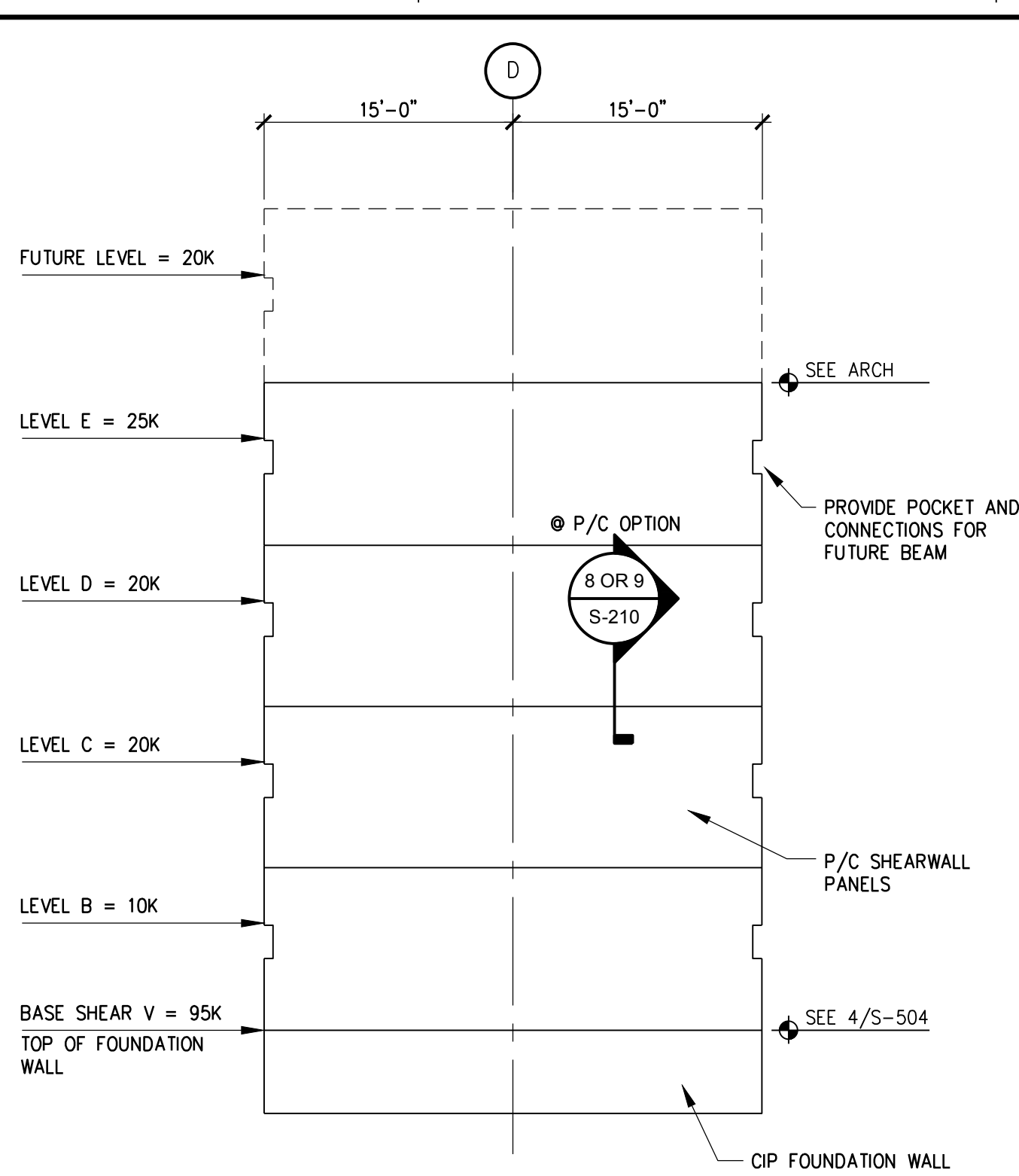


NOTE:
FORCES SHOWN ARE ULTIMATE WIND LATERAL FORCES AT EACH LEVEL.

4 SHEARWALL ELEVATION
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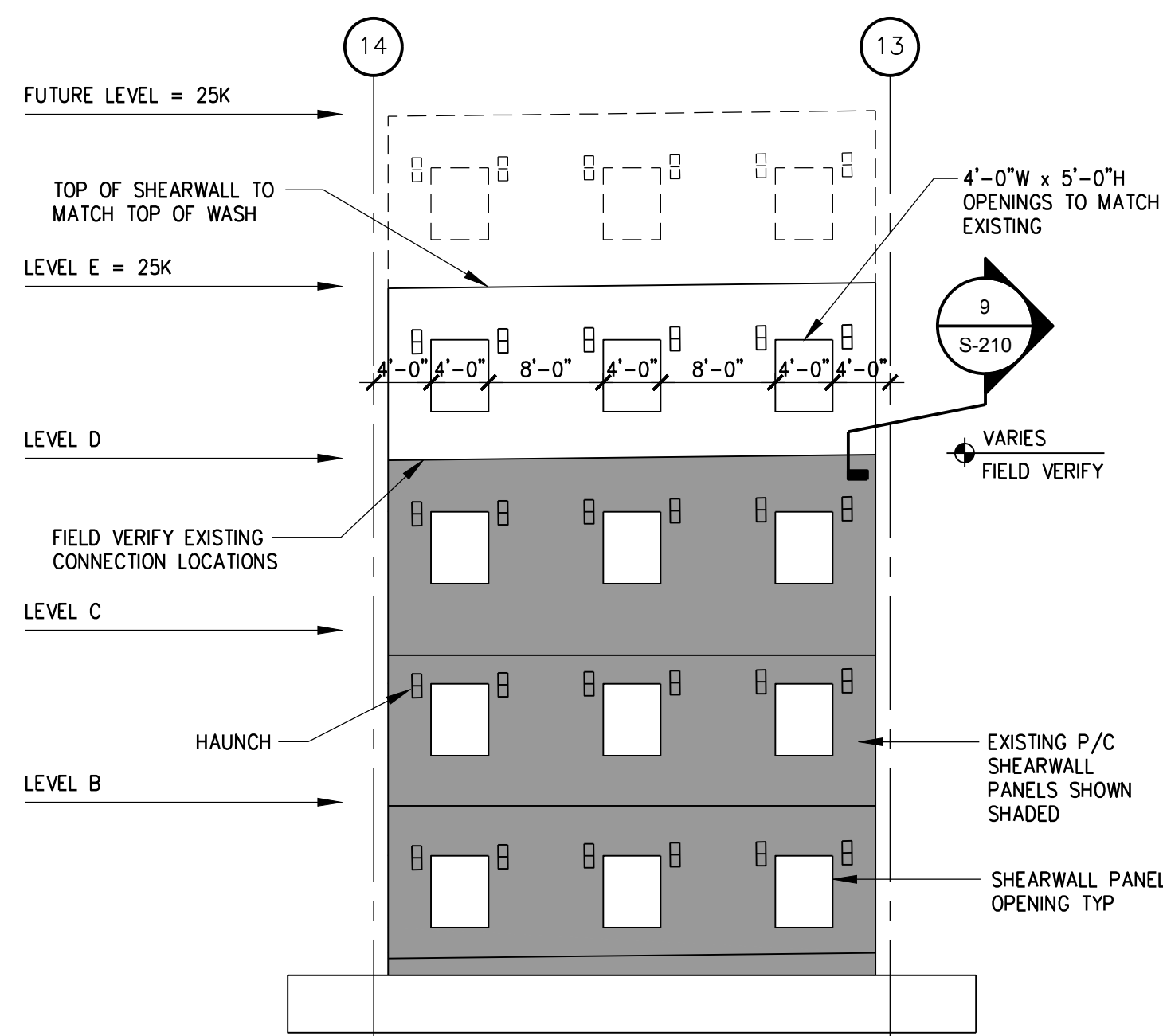


8 CONNECTION DETAIL
PERFORMANCE DESIGN



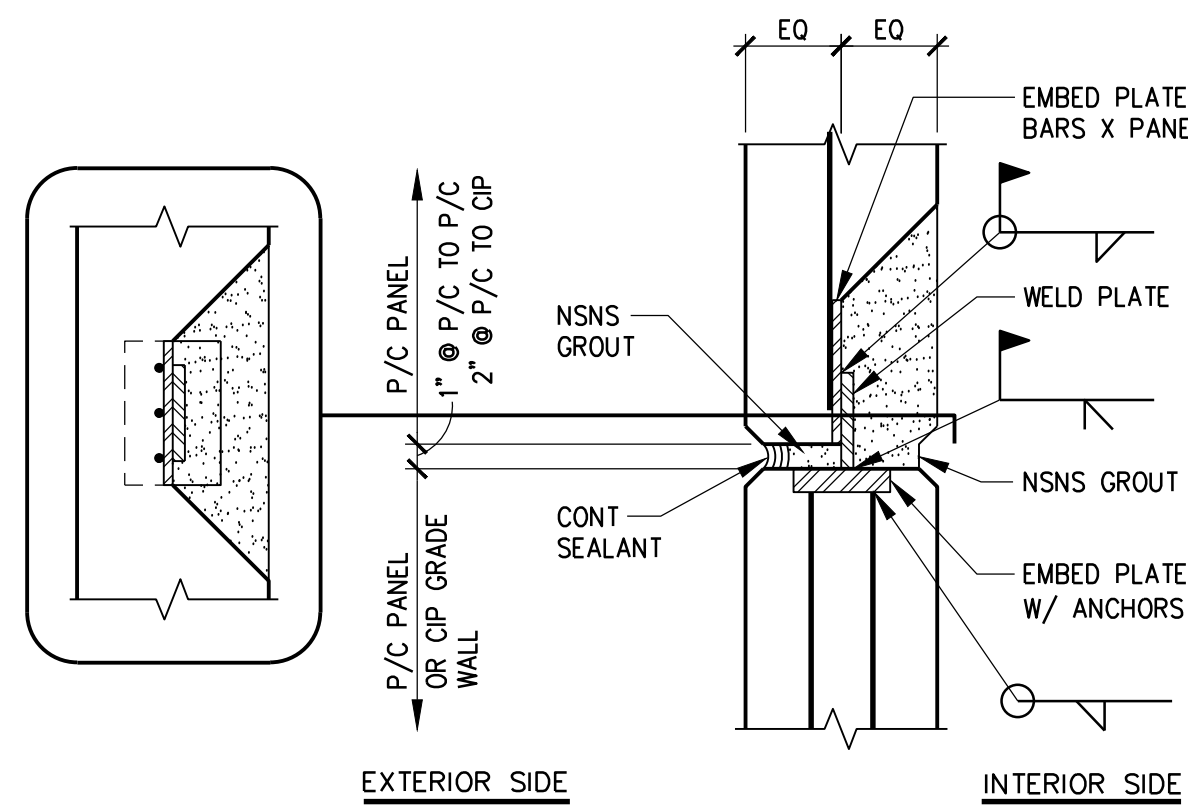
NOTE:
FORCES SHOWN ARE ULTIMATE WIND LATERAL FORCES AT EACH LEVEL.

2 SHEARWALL ELEVATION
NOT TO SCALE

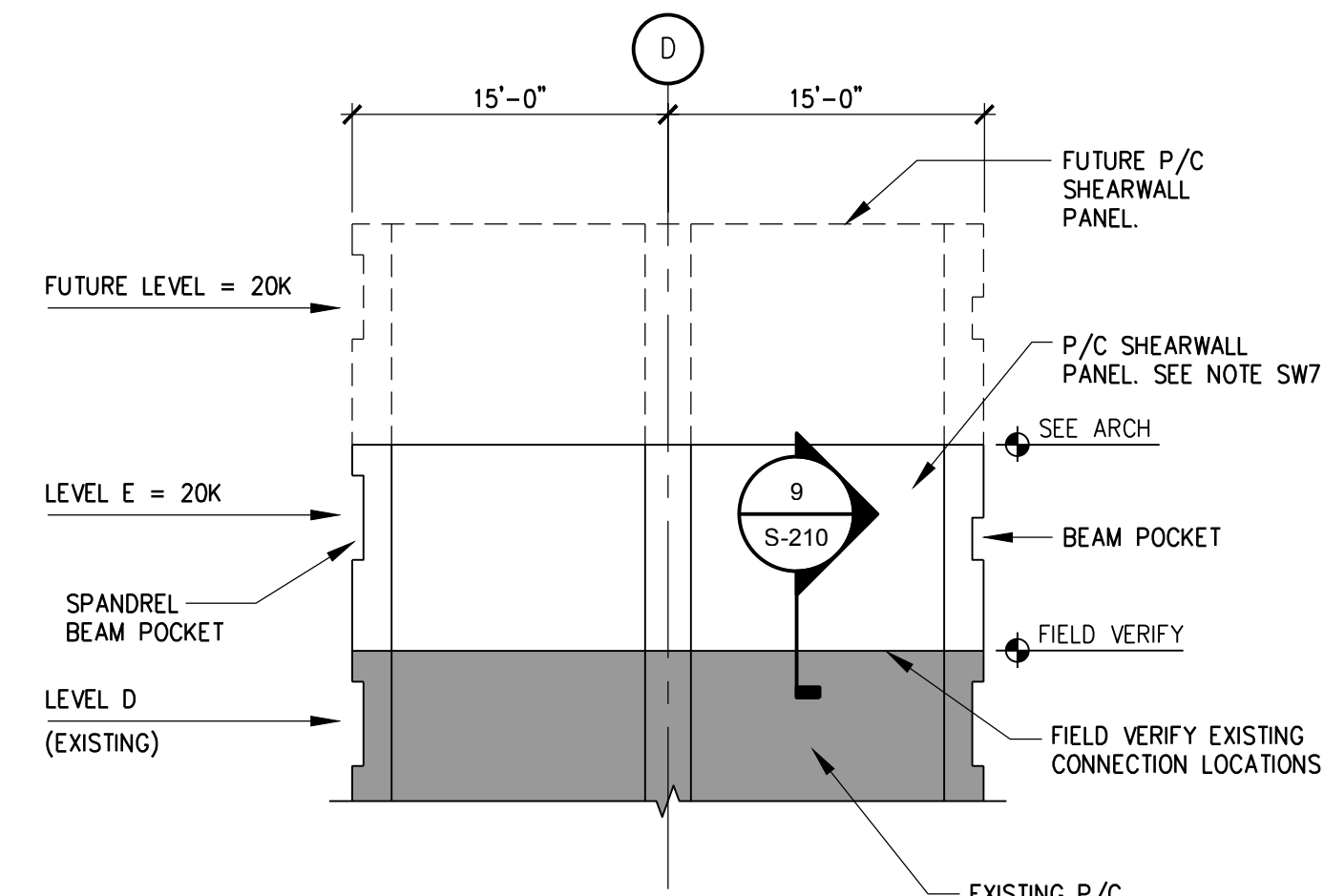


NOTE:
FORCES SHOWN ARE ULTIMATE WIND LATERAL FORCES AT EACH LEVEL.

5 SHEARWALL ELEVATION
NOT TO SCALE

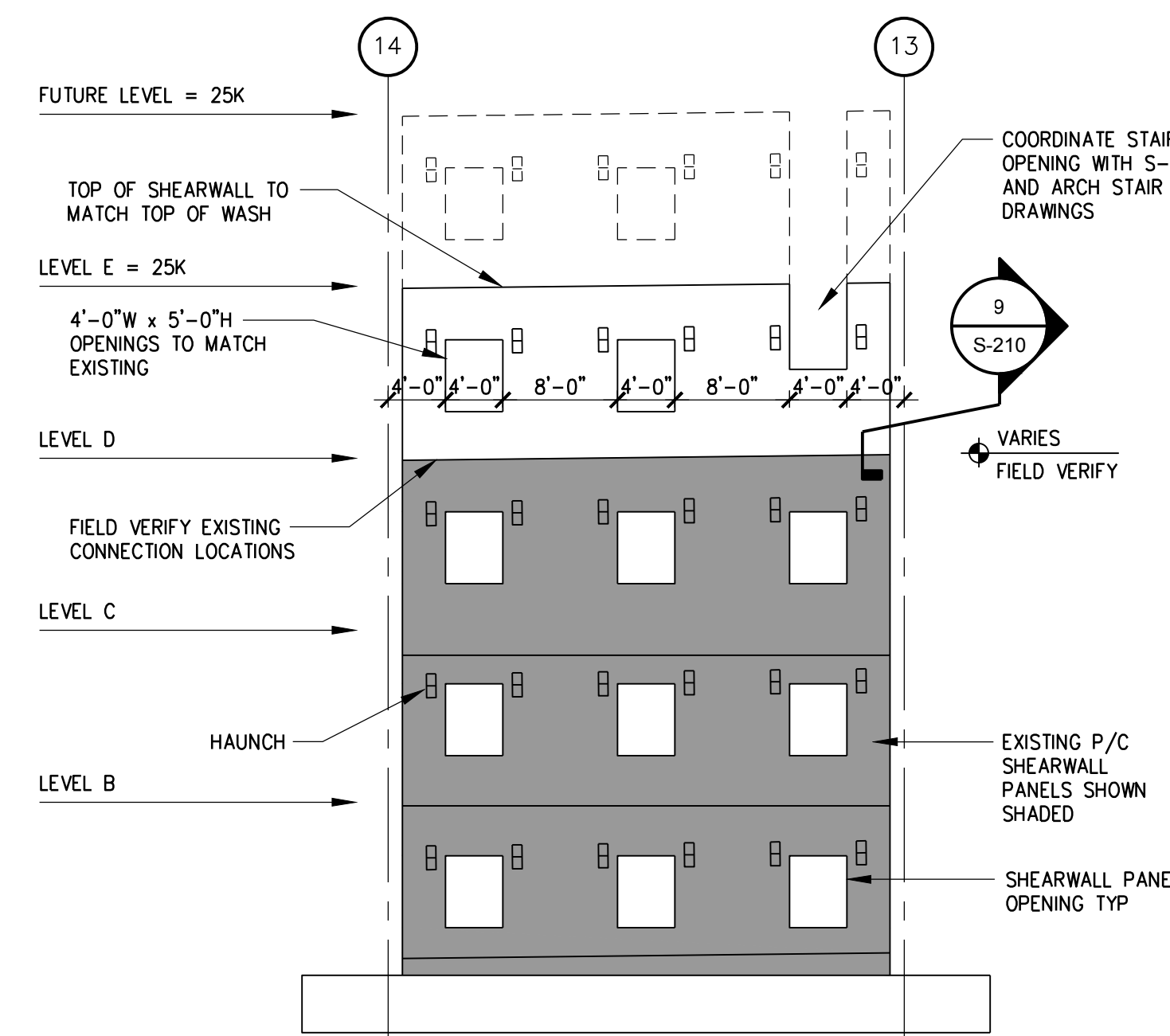


9 CONNECTION DETAIL
PERFORMANCE DESIGN



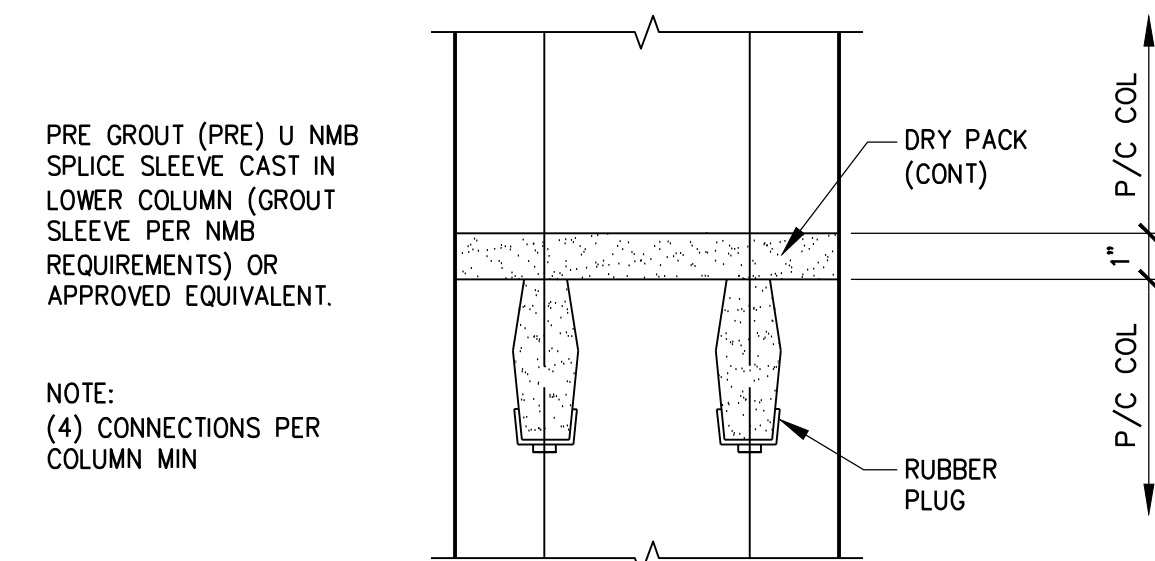
NOTE:
FORCES SHOWN ARE ULTIMATE WIND LATERAL FORCES AT EACH LEVEL.

3 SHEARWALL ELEVATION
NOT TO SCALE



NOTE:
FORCES SHOWN ARE ULTIMATE WIND LATERAL FORCES AT EACH LEVEL.

6 SHEARWALL ELEVATION
NOT TO SCALE



10 CONNECTION DETAIL
PERFORMANCE DESIGN AT SHEAR WALLS

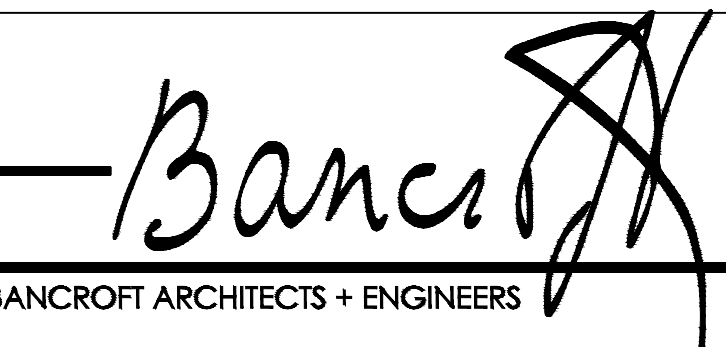
P/C SHEARWALL NOTES:

- SW1. FOR GENERAL NOTES SEE DRAWING S-001.
- SW2. SHEARWALL DESIGN IS PERFORMANCE DESIGN AND SHALL INCLUDE SIZE, NUMBER, AND LOCATION OF VERTICAL AND HORIZONTAL REINFORCING. DESIGN SHALL ALSO INCLUDE BASE CONNECTIONS, PIECE CONNECTIONS, HAUNCH OR LEDGE REINFORCEMENT, AND SIZE, NUMBER, AND SPACING OF INSERT/COIL ROD (OR OTHER SHEAR TRANSFER) CONNECTIONS INTO POUR STRIPS FOR SHEAR TRANSFER OF LATERAL LOADS. SEE SPECIFICATION 034133 FOR PRECAST CONCRETE.
- SW3. FOR SHEAR WALL SIZES, SEE SHEARWALL ELEVATIONS THIS SHEET AND STRUCTURAL DETAILS.
- SW4. FOR EMBEDDED PLATES TO RECEIVE WELDS AS PART OF WELDED CONNECTIONS SEE 12/S-510.
- SW5. FOR SHEARWALL BASE CONNECTION SEE 9/S-210.
- SW6. FOR LATERAL LOADS DUE TO WIND SEE 1 THRU 6/S-210. LOADS INDICATED ARE REVERSIBLE.
- SW7. SHEARWALL PANELS AND COLUMN SECTIONS SHALL BE CONNECTED TO ACT AS ONE INTEGRAL UNIT.
- SW8. CONNECTIONS FOR FUTURE EXPANSION ARE NOT REQUIRED IN TOPS OF SHEARWALLS FOR THIS CONSTRUCTION PHASE.

100% FINAL BID DOCUMENTS	08-18-2017
100% BID DOCUMENTS-NOT FOR CONSTRUCTION	07-24-2017
95% CONSTRUCTION DOCUMENTS SUBMISSION	06-15-2017
65% DESIGN DEVELOPMENT SUBMISSION	04-19-2017
35% SCHEMATIC DESIGN SUBMISSION	03-06-2017
Revisions:	Date

CONSULTANTS:	
	
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KEYPLAN

ARCHITECT + ENGINEERS:	
	
BANCROFT ARCHITECTS + ENGINEERS	
VA CONTRACT NO. VA250-17-C-0008	

Drawing Title	SHEARWALL ELEVATIONS AND DETAILS	
Approved Project Director		

Project Title	CONSTRUCT NORTH PARKING STRUCTURE	
Project Number	506-331	
Building Number	29	
Location	ANN ARBOR, MICHIGAN	
Date	08-18-2017	
Checked	JBM	
Drawn	KJW	
Drawing Number	S-210	

Office of Construction and Facilities Management
Department of Veterans Affairs