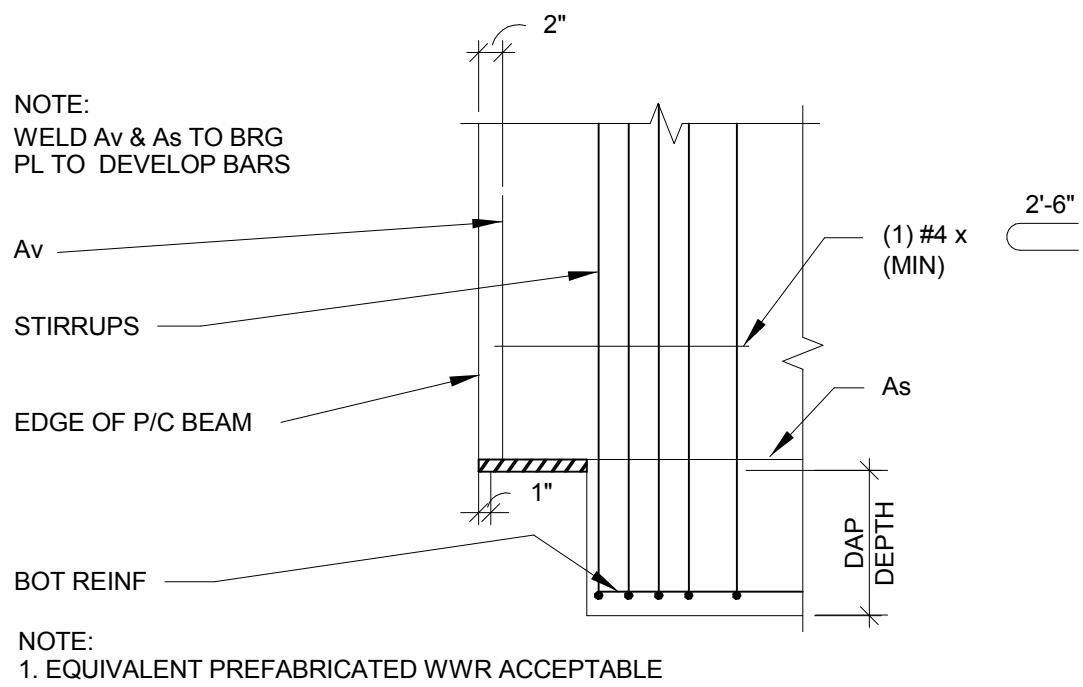
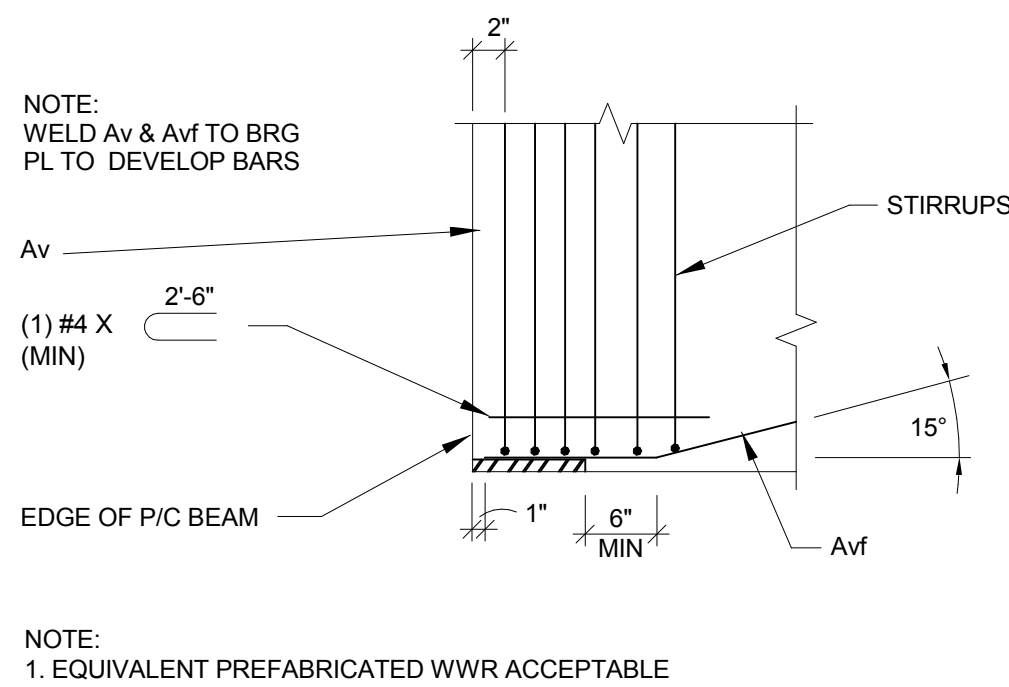


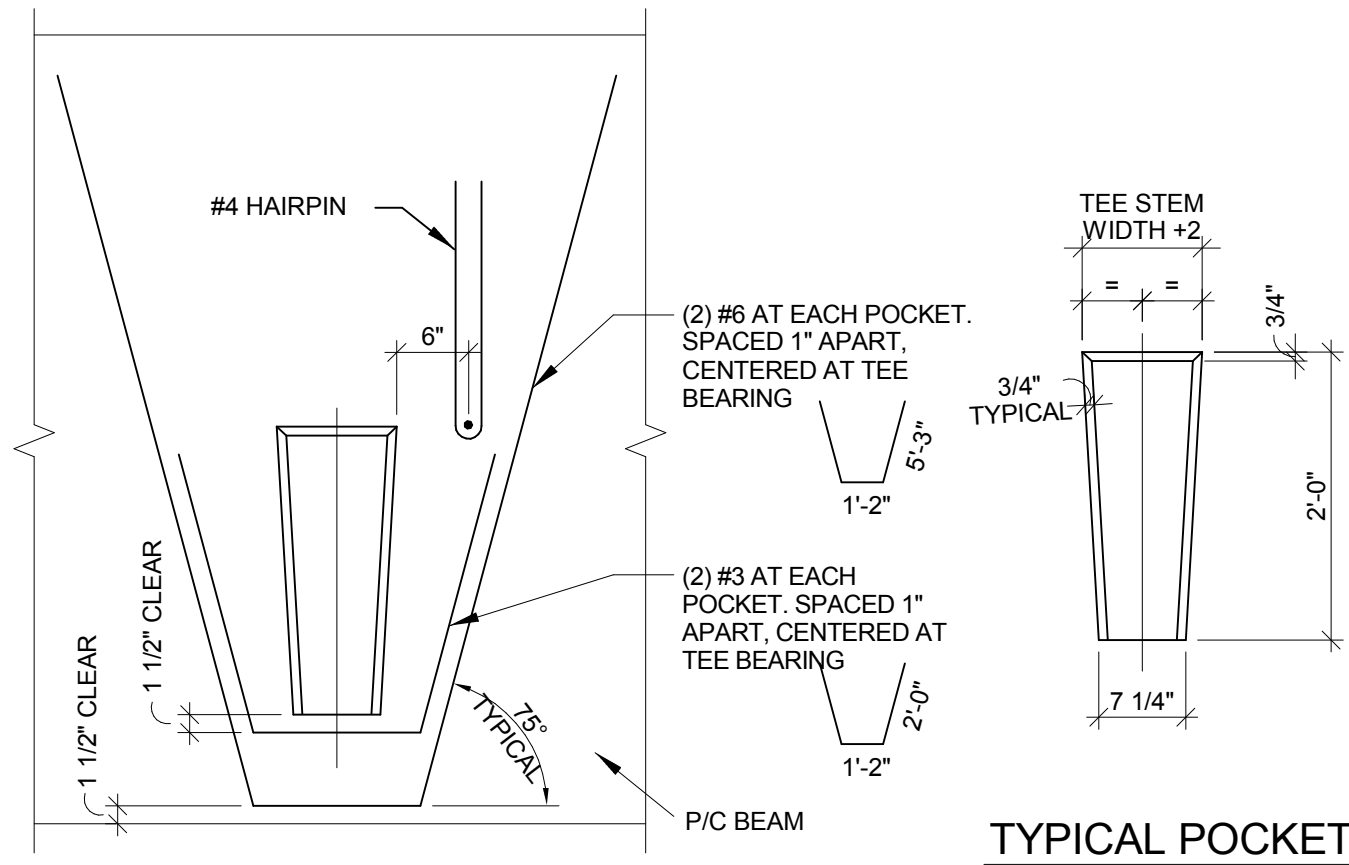
- P/C BEAM NOTES:
1. FOR GENERAL NOTES SEE SHEET S-001.
 2. BEAM DESIGN IS PERFORMANCE DESIGN AND SHALL INCLUDE TYPE, NUMBER, AND LOCATION OF STRANDS AND/OR CONVENTIONAL REINFORCEMENT AS WELL AS LEDGE, SHEAR/TORSION AND END OF BEAM REINFORCEMENT. DESIGN SHALL ALSO INCLUDE ALL BEAM TO COLUMN (OR OTHER SUPPORT) CONNECTIONS. SEE SPECIFICATION SECTION 03410 FOR PRECAST CONCRETE.
 3. APPLY MASTIC TO EACH STRAND AT ENDS OF BEAM.
 4. FOR MEMBER SIZES AND OTHER INFORMATION SEE STRUCTURAL AND ARCHITECTURAL DETAILS.
 5. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ANY REQUIRED PENETRATIONS.
 6. POCKETED BEAMS SHALL BE PRESTRESSED TO A MINIMUM P/A OF 150 psi.
 7. FOR EMBEDDED PLATES TO RECEIVE WELDS AS PART OF WELDED CONNECTIONS SEE D1/S-551.
 8. FOR SEALANT REQUIREMENTS AT BEAM/COLUMN INTERFACES SEE DETAILS F1 & F3/S-551.
 9. PROVIDE OPENINGS AT APPROXIMATELY MIN-DEPTH OF STEMS OF INVERTED TEE (DOUBLE LEDGER) BEAMS. PLACE NO CLOSER THAN 5'-0" FROM END OF BEAM. COORDINATE SIZE AND LOCATION REQUIREMENTS WITH MECHANICAL AND ELECTRICAL.



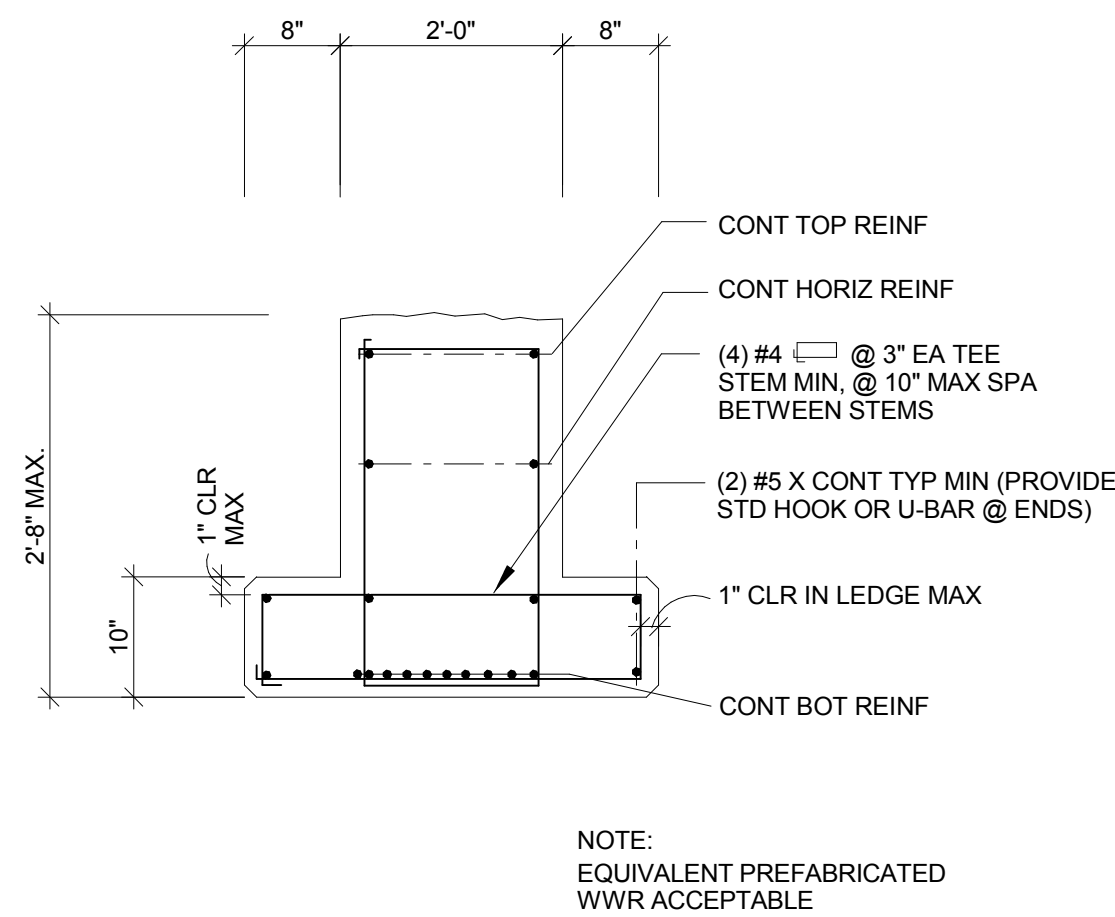
D1 END OF DOUBLE TEE BEAM REINF DETAIL



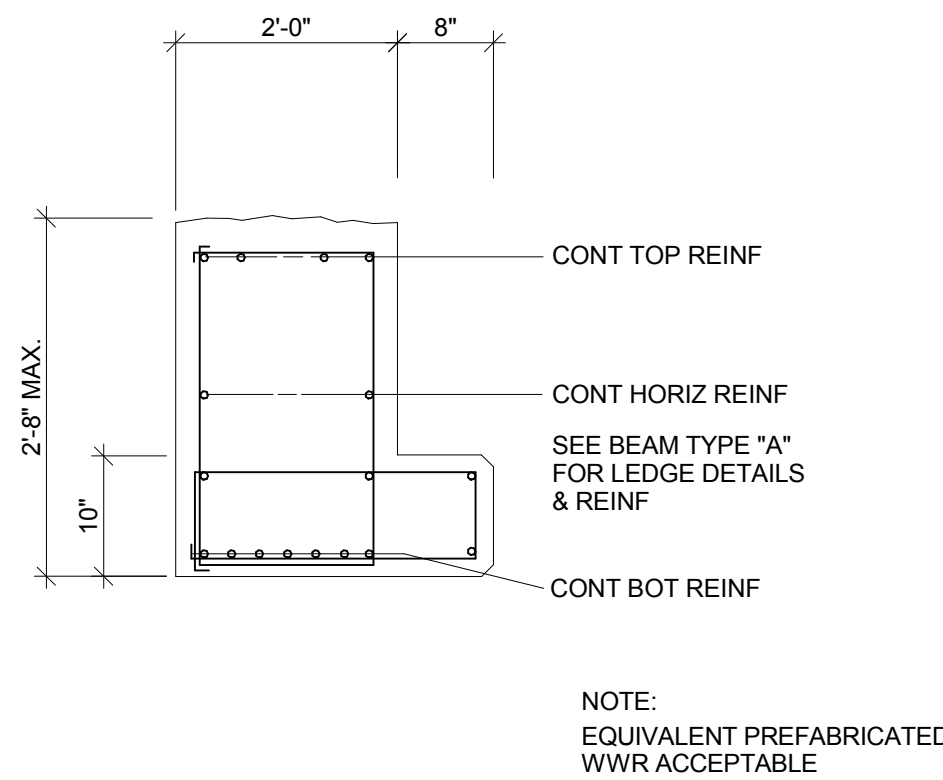
D3 END OF DOUBLE TEE BEAM REINF DETAIL



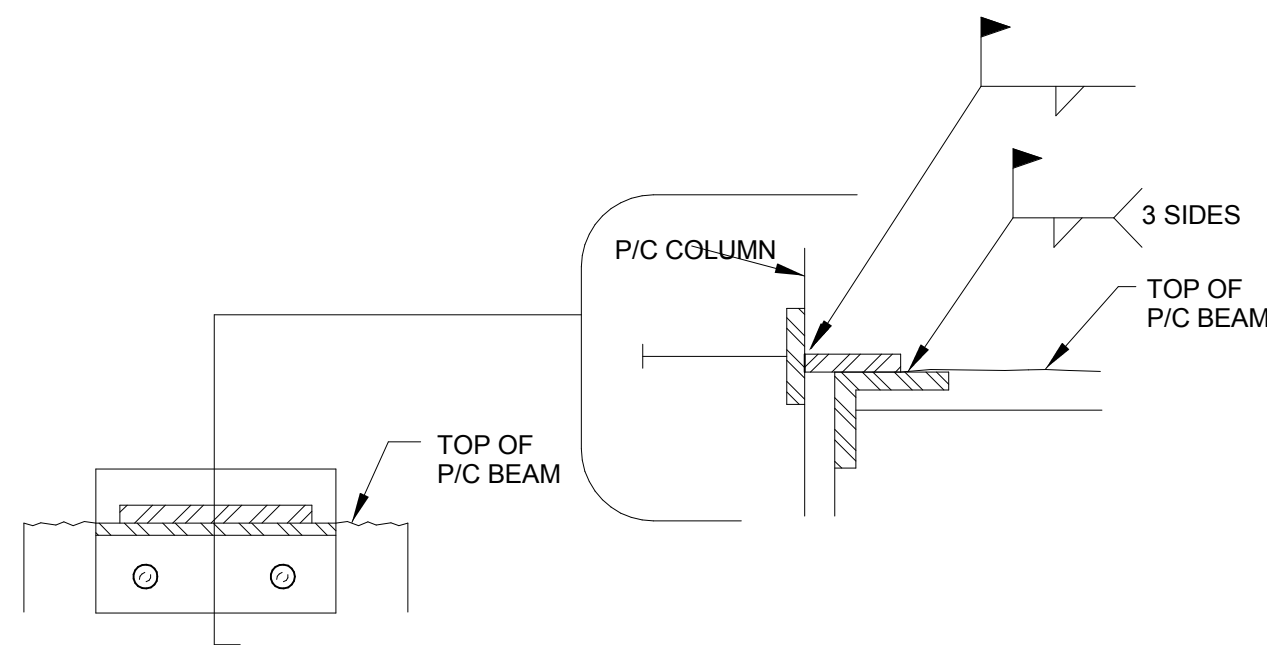
F1 P/C BEAM DETAIL



F3 BEAM TYPE A



F5 BEAM TYPE B



F7 CONNECTION DETAIL PERFORMANCE DESIGN

Date	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

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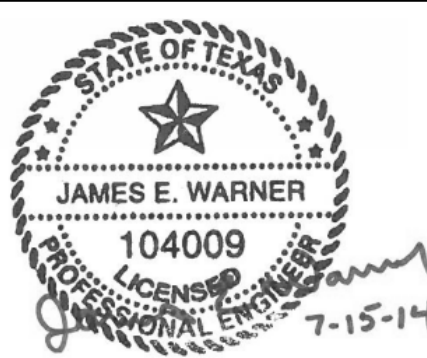
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FIRM CERTIFICATE OF AUTHORITY NUMBER F-004168



Drawing Title	PRECAST BEAM DETAILS
Approved: Project Director	

Project Title	PATIENT PARKING GARAGE EXPANSION
DEPARTMENT OF VETERANS AFFAIRS NORTH TEXAS VETERANS HEALTH CARE CENTER 4500 S. LANCASTER ROAD DALLAS, TEXAS 75216	
Location	
Date	Issue Date
Checked	JEW
Drawn	SOA

Project Number	549-906
Building Number	80
Drawing Number	S-520
Dwg. 61 of 93	

