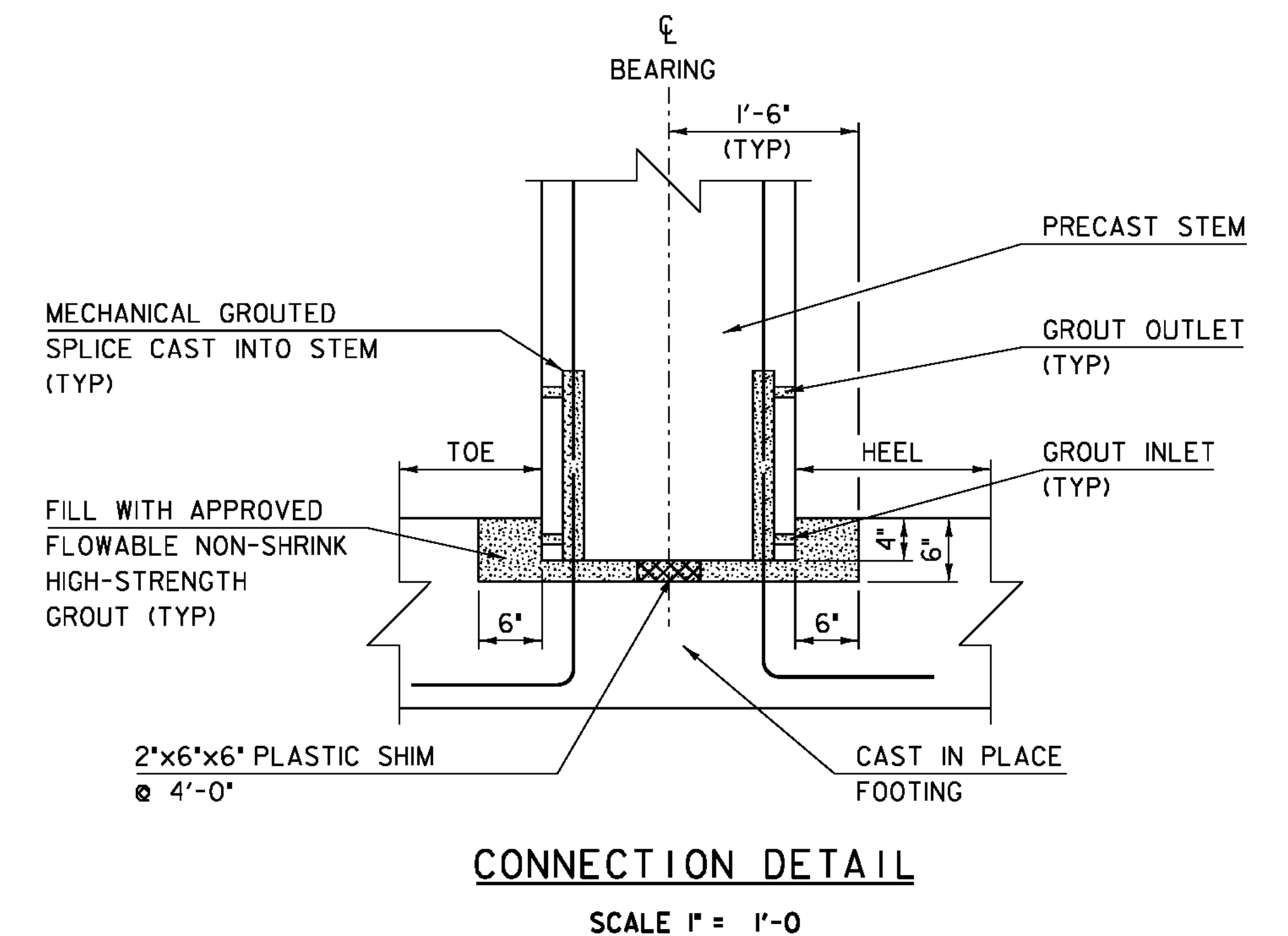
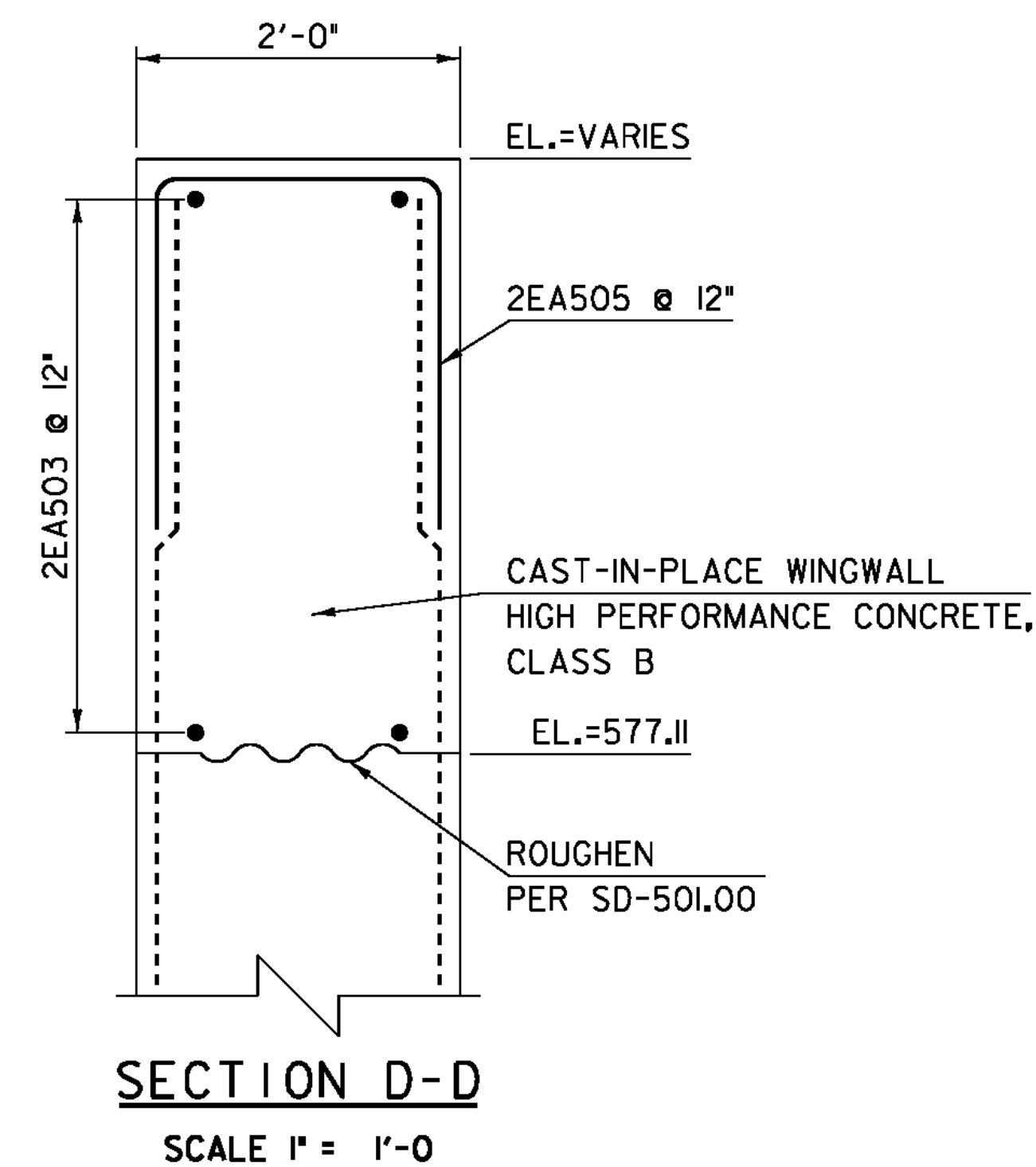
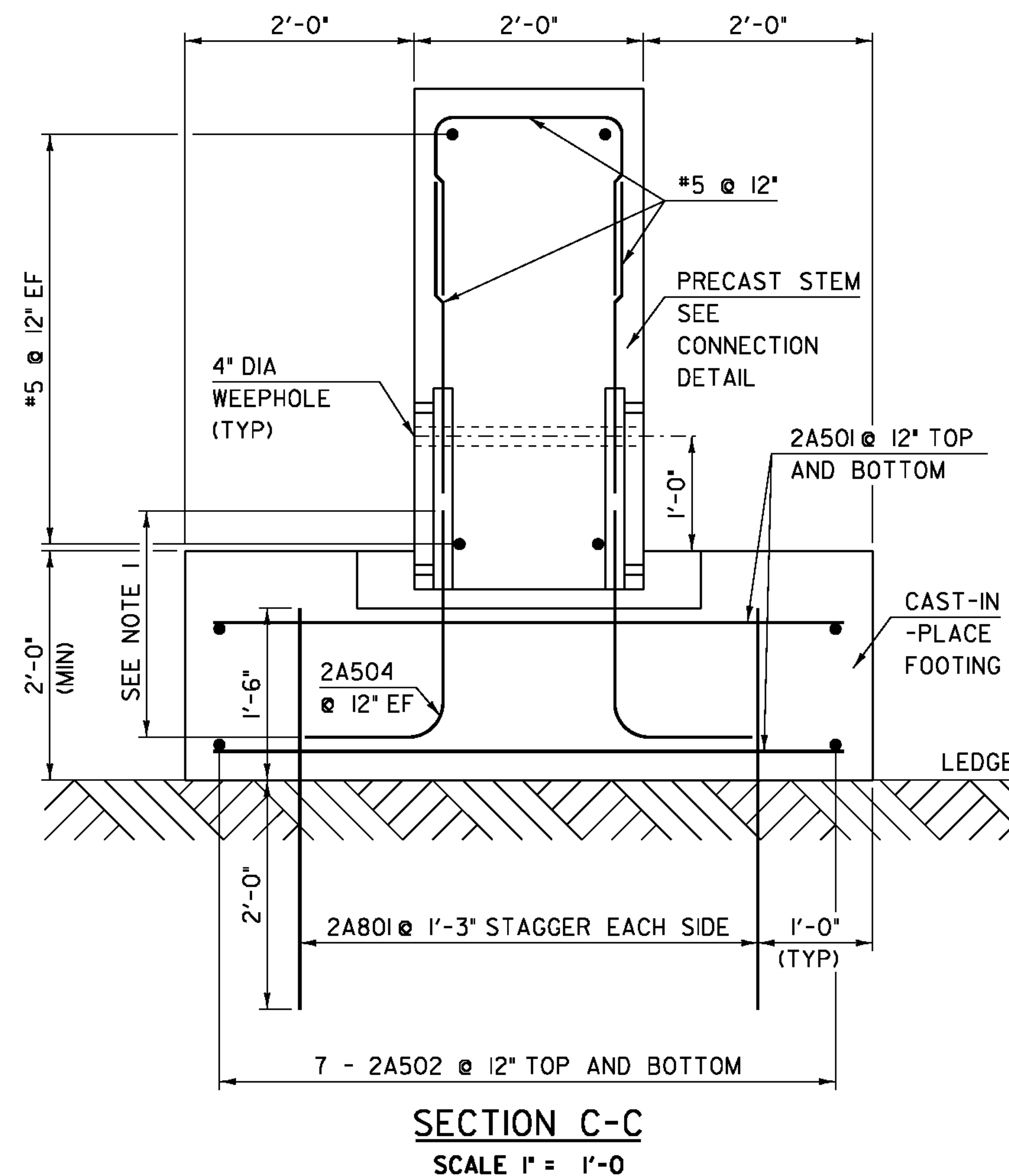


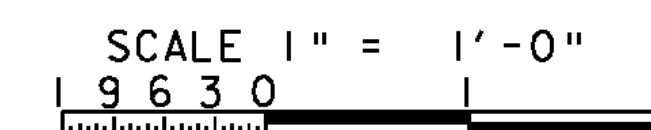


NOTES:

1. LEG LENGTH SHALL MEET THE REQUIREMENTS OF THE MECHANICAL GROUTED CONNECTION, 3'-0" LEG IS PROVIDED FOR ESTIMATING PURPOSES.
2. DURING FABRICATION OF THE PRECAST STEM A TEMPLATE SHALL BE CREATED BY THE STEM FABRICATOR TO LOCATE THE MECHANICAL GROUT CONNECTORS. THE TEMPLATE SHALL BE USED FOR FIELD PLACEMENT OF THE VERTICAL FOOTING REINFORCEMENT TO BE INCERTED INTO THE MECHANICAL GROUT CONNECTORS.
3. THE CONNECTION FROM THE PRECAST STEM TO THE FOOTING SHALL BE INCLUDED IN THE FABRICATION DRAWINGS. THE MECHANICAL GROUTED CONNECTION SHALL MEET THE REQUIREMENTS OF ASTM 1034 AND SHALL HAVE A YEILD STRENGTH OF 125% OF THE REINFORCING STEEL YIELD STRENGTH .
4. SEE GENERAL NOTES FOR ADDITIONAL FABRICATION, CONSTRUCTION,AND SEQUENCE NOTES.
5. REINFORCING FOR THE PRECAST STEM SHALL BE EPOXY COATED ACCORDING TO SUBSECTION 713.07.
6. THE NUMBER OF DOWELS TO BE DRILLED AND GROUTED WAS DETERMINED ASSUMING THE BEDROCK TO BE SMOOTH AND AT AN INCLINE OF 45 DEGREES. THE NUMBER OF DOWELS MAY BE REDUCED WITH APPROVAL OF THE PROJECT MANAGER ONCE BEDROCK IS EXPOSED AND THE ACTUAL SURFACE ROUGHNESS AND PROFILE IS DETERMINED.

NOTE:

NF = NEAR FACE
FF = FAR FACE
EF = EACH FACE
▲ = CUT TO FIT IN FIELD
3" CLEAR, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
2'-2" BAR LAP UNLESS OTHERWISE SPECIFIED ON THE PLANS.



PROJECT NAME: CHESTER
PROJECT NUMBER: BRF 025-1(28)

FILE NAME: 84e061/str/sub.dgn
PROJECT LEADER: C.P.WILLIAMS
DESIGNED BY: R.S.YOUNG
BRIDGE 8 ABUTMENT 2 SECTIONS

PLOT DATE: 20-SEP-2010
DRAWN BY: M.FESSEL
CHECKED BY: R.S.YOUNG
SHEET 36 OF 124