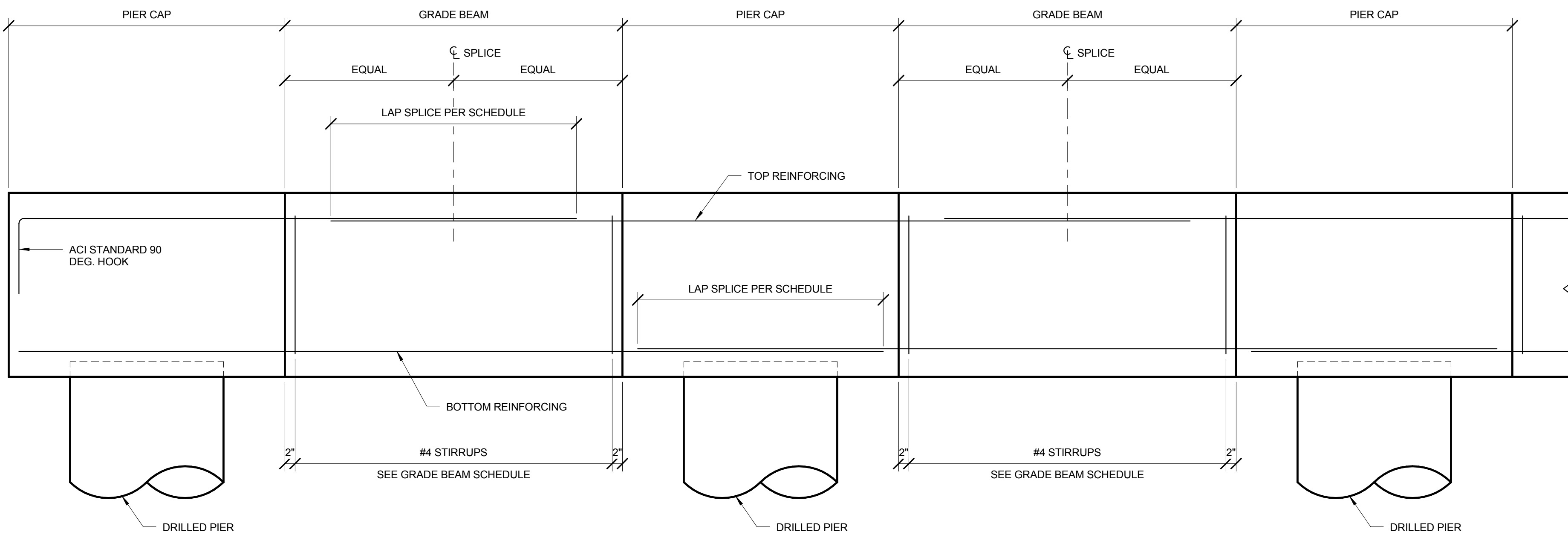
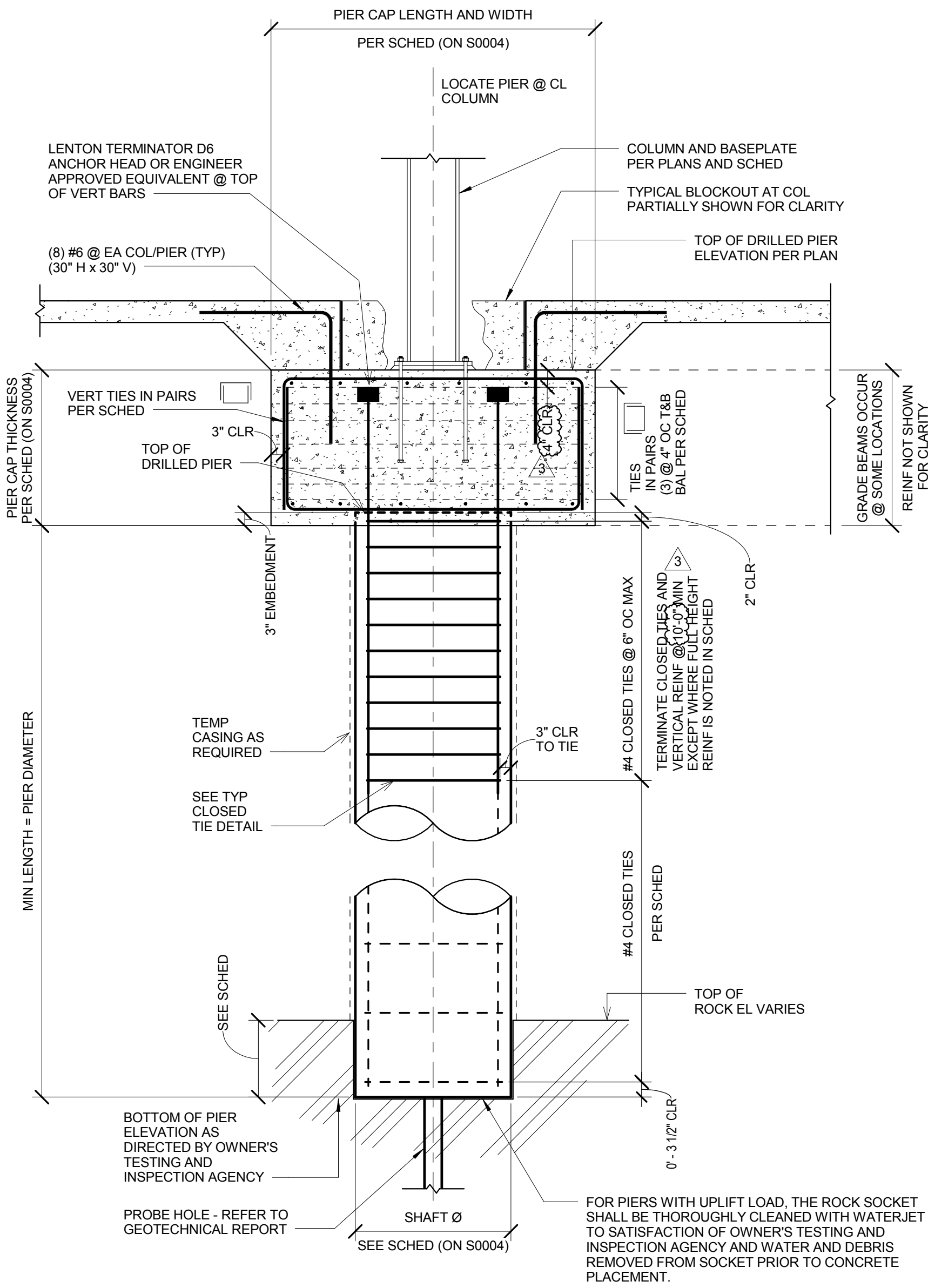
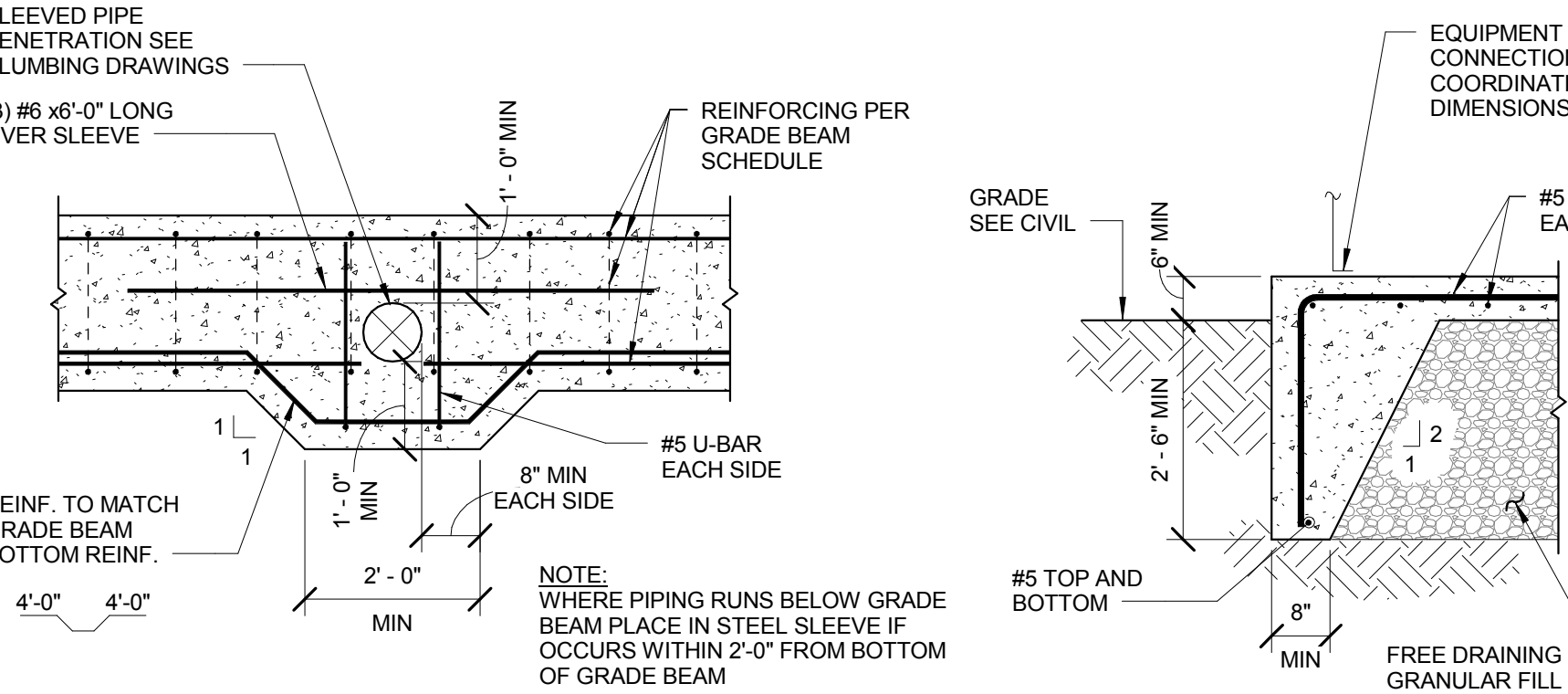




1 TYPICAL GRADE BEAM REINFORCING
3/4" = 1'-0"



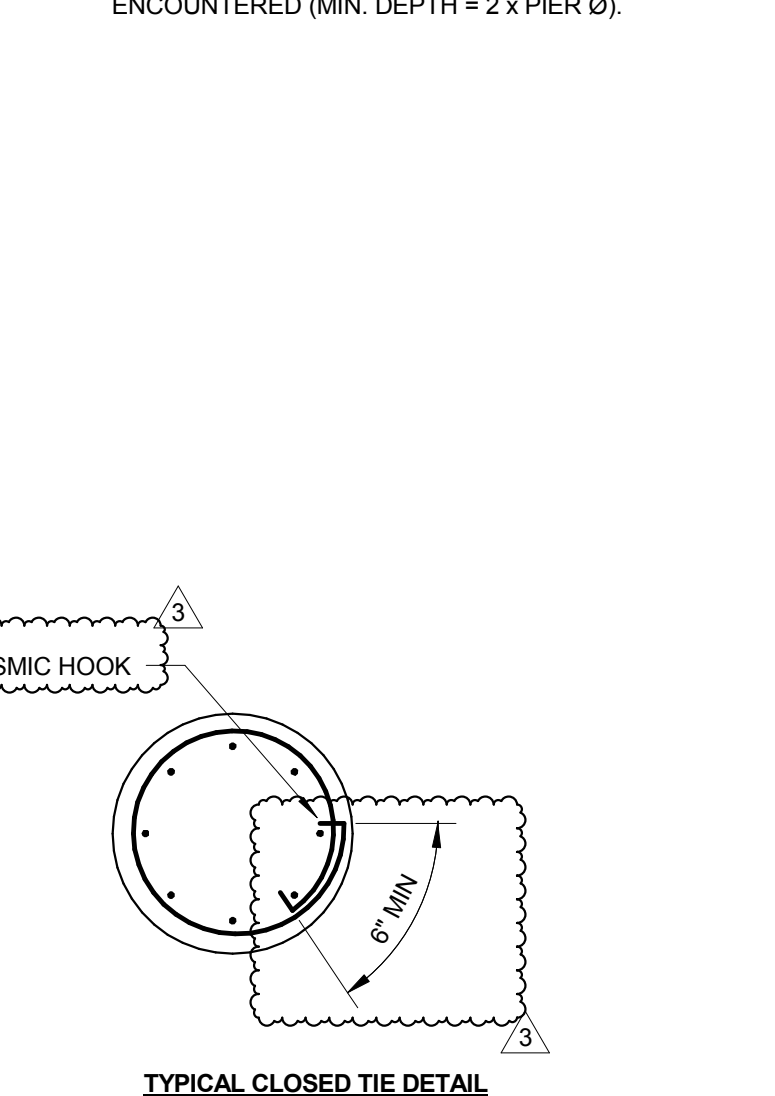
3 TYPICAL DRILLED PIER
1/2" = 1'-0"



6 TYPICAL PIPE PENETRATION IN GRADE BEAM
1/2" = 1'-0"

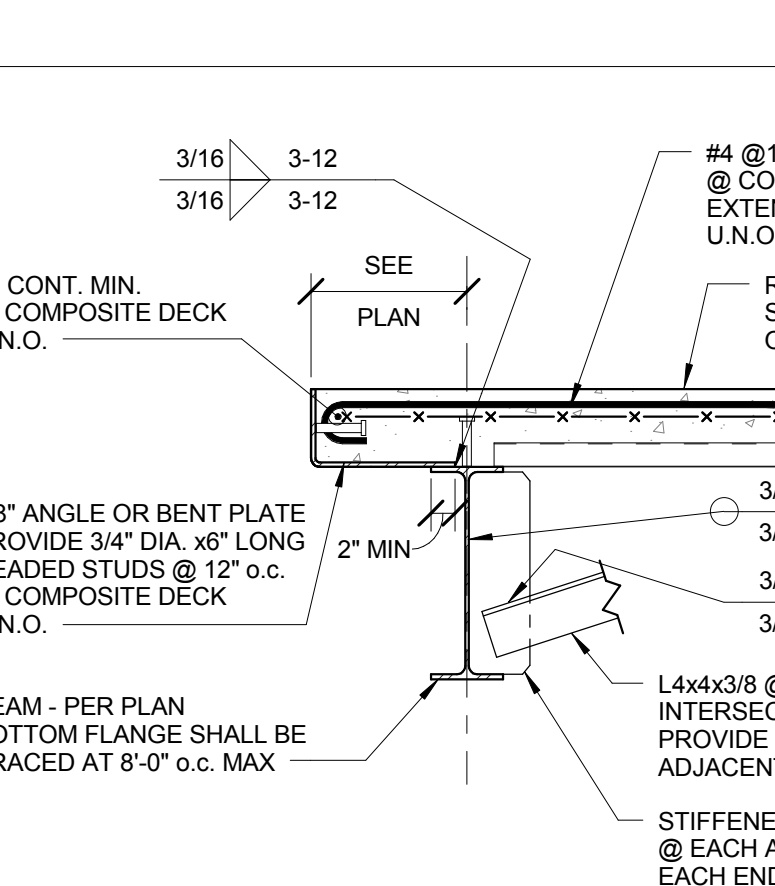
TYPICAL DRILLED PIER NOTES:

1. DRILLED PIER FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL INVESTIGATION REPORT.
2. DETERMINATION OF THE SUITABILITY OF THE BEARING ROCK WILL BE MADE BY THE GEOTECHNICAL ENGINEER.
3. BOTTOM OF ALL PIER HOLES SHALL BE MADE AVAILABLE FOR INSPECTION BY THE GEOTECHNICAL ENGINEER.
4. GEOTECHNICAL ENGINEER SHALL WITNESS THE POURING OF CONCRETE.
5. SHAFTS SHALL BE DRILLED PLUMB AND STRAIGHT. SEE SPECIFICATIONS FOR TOLERANCES.
6. ALL LOOSE MATERIAL SHALL BE REMOVED FROM THE BOTTOM OF PIER HOLES. PROVIDE A LEVEL OR LEDGED BOTTOM. SLOPING BOTTOM SURFACES WILL NOT BE ALLOWED.
7. NOT MORE THAN 2" WATER WILL BE ALLOWED IN ANY PIER HOLE AT THE TIME OF CONCRETE PLACEMENT. SEE SPECIFICATIONS FOR DEWATERING.
8. PIER CONCRETE: $f'_c = 5000$ PSI @ 28 DAYS (145 PCF).
9. PIER REINFORCING: A615 GRADE 60, EPOXY COATING NOT REQUIRED FOR PIER REINFORCING.
10. WHERE PERMANENT CASING IS CALLED FOR OR REQUIRED BY THE GEOTECHNICAL FIELD REPRESENTATIVE, THE CASING SHALL BE PUSHED AHEAD OF THE EXCAVATION.
11. CONTRACTOR SHALL PROTECT THE REBAR (DOWELS) AND ANCHOR BOLTS PROTRUDING OUT OF THE PIERS WITH PLASTIC CAPS AND FILL ALL PIER EXCAVATIONS WITH GRANULAR FILL AS SPECIFIED.
12. CONTRACTOR SHALL PROVIDE THE OWNER WITH AS-BUILT REPRODUCIBLE DRAWINGS AT COMPLETION.
13. CONSTRUCTION OF FOUNDATION SHALL BE IN ACCORDANCE WITH REPORT OF GEOTECHNICAL INVESTIGATION.
14. PIER W/ UPLIFT REQUIRES FULL DEPTH REINFORCING CAGES. SEE PIER SCHEDULE ON SHEET S0004.
15. ROCK SOCKET LENGTH AS DETERMINED BY OWNER'S TESTING AND INSPECTION AGENCY BASED ON REQUIRED LOAD CAPACITY AND CONDITIONS ENCOUNTERED (MIN. DEPTH = $2 \times$ pier ϕ).

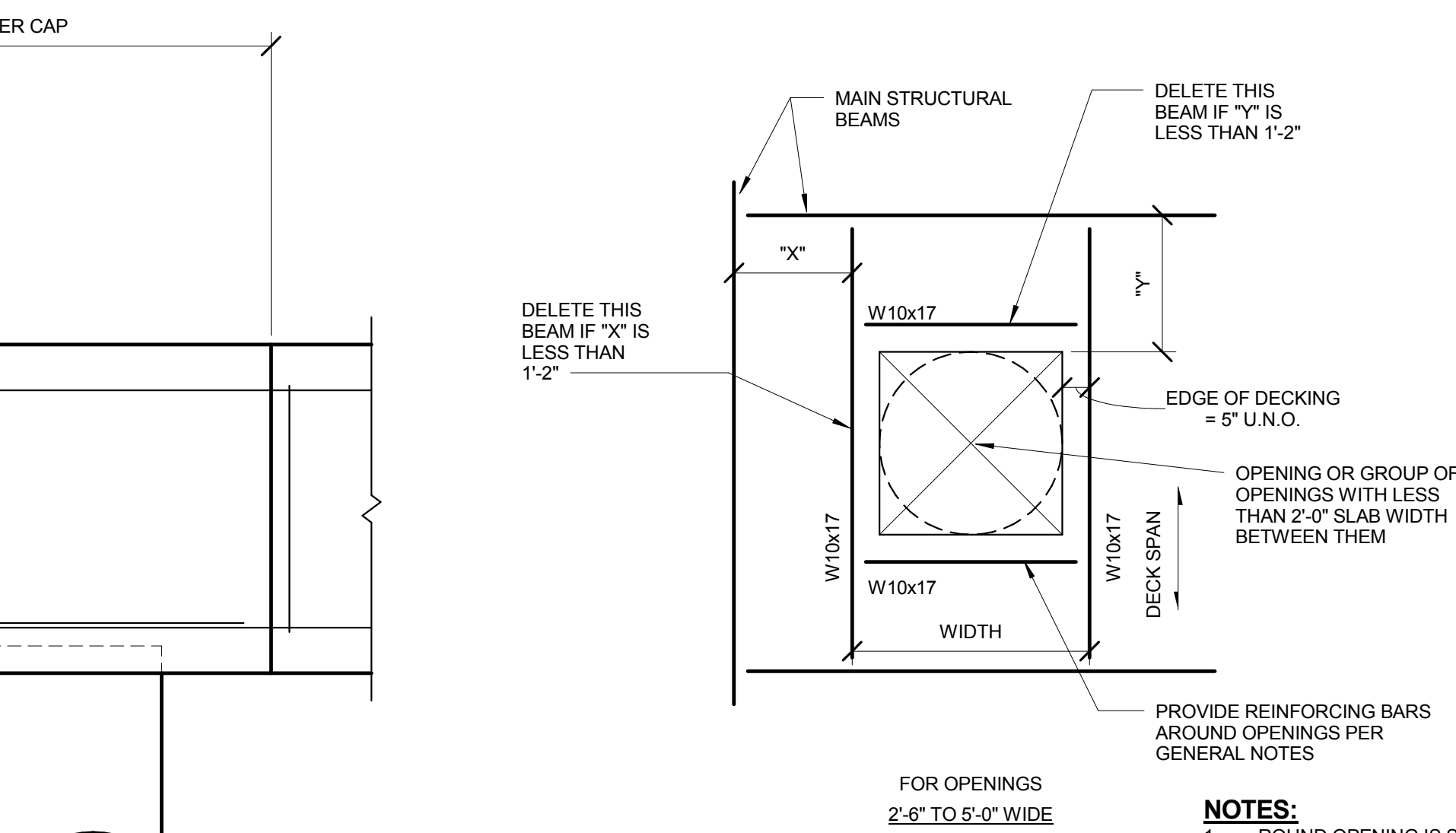


NOTES:

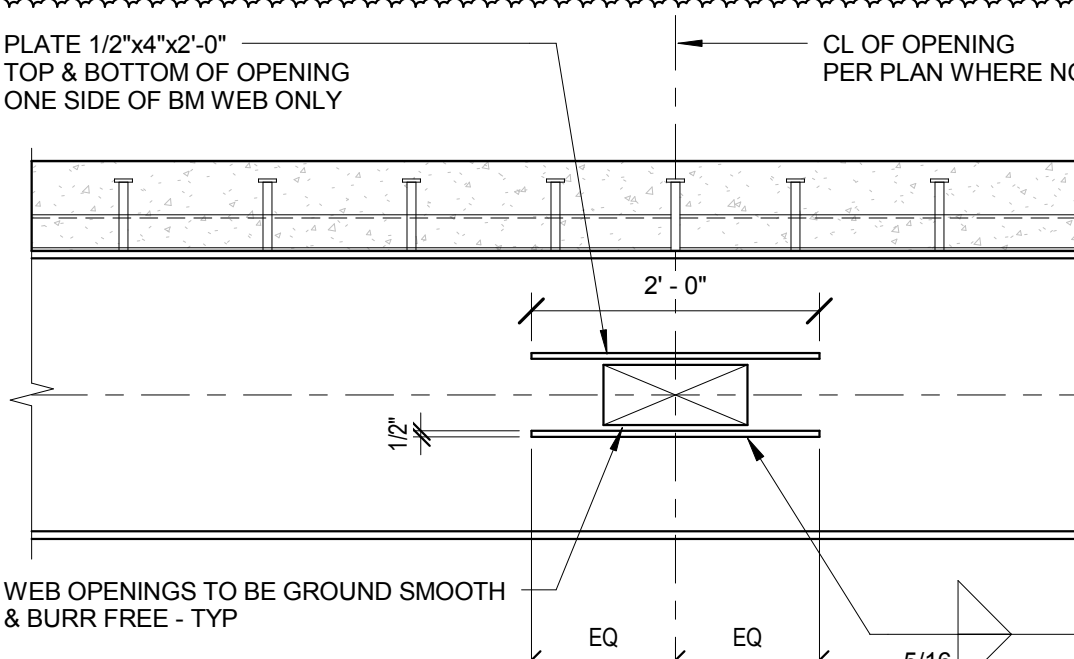
1. SEE DETAIL FOR TYPICAL DRILLED PIER.
2. VERTICAL SPLICES IN REINFORCING IN PIERS ARE NOT ALLOWED UNLESS THEY ARE FULL TENSION MECHANICAL SPLICES (TENSION COUPLERS).



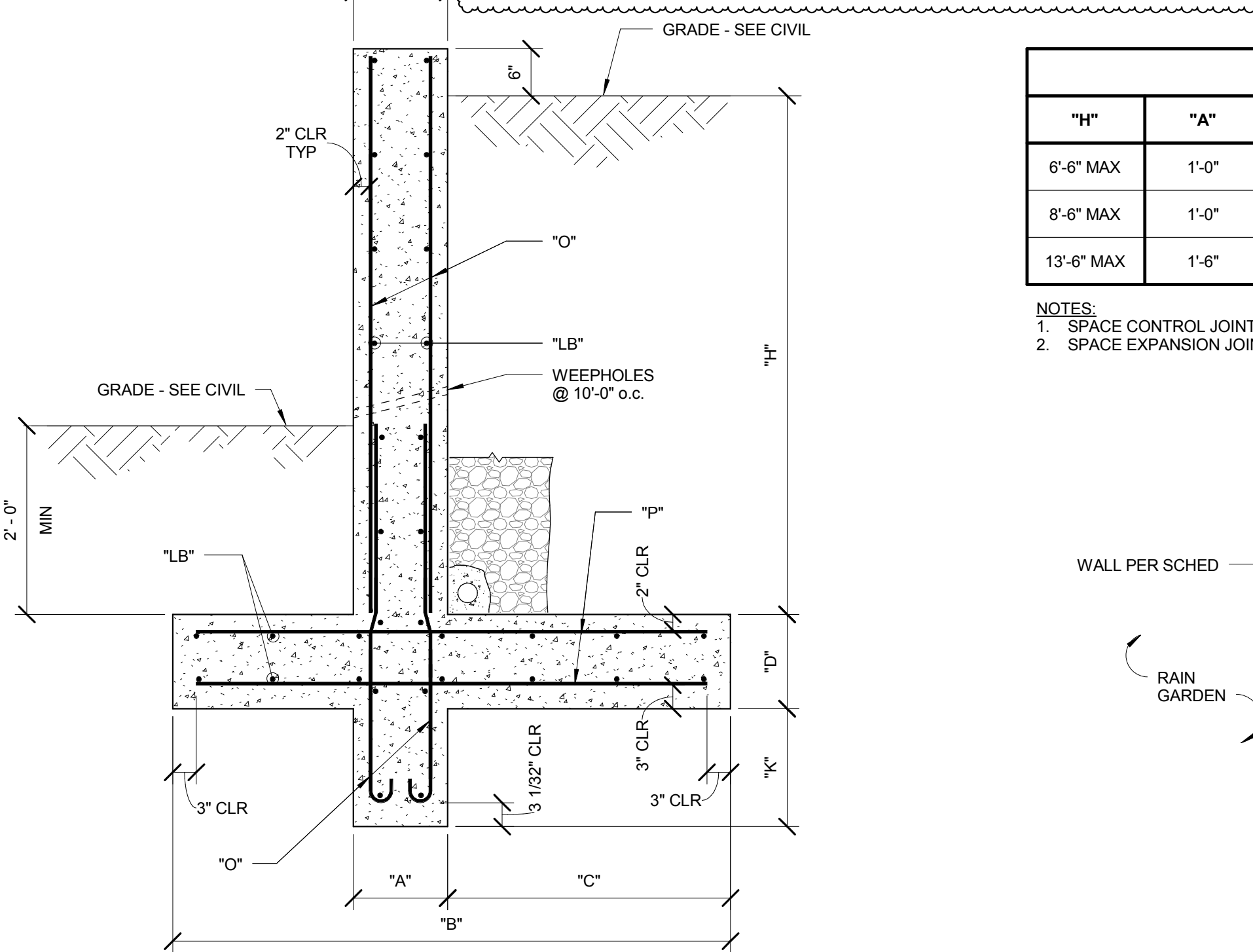
9 TYPICAL SPANDREL BEAM DETAIL
3/4" = 1'-0"



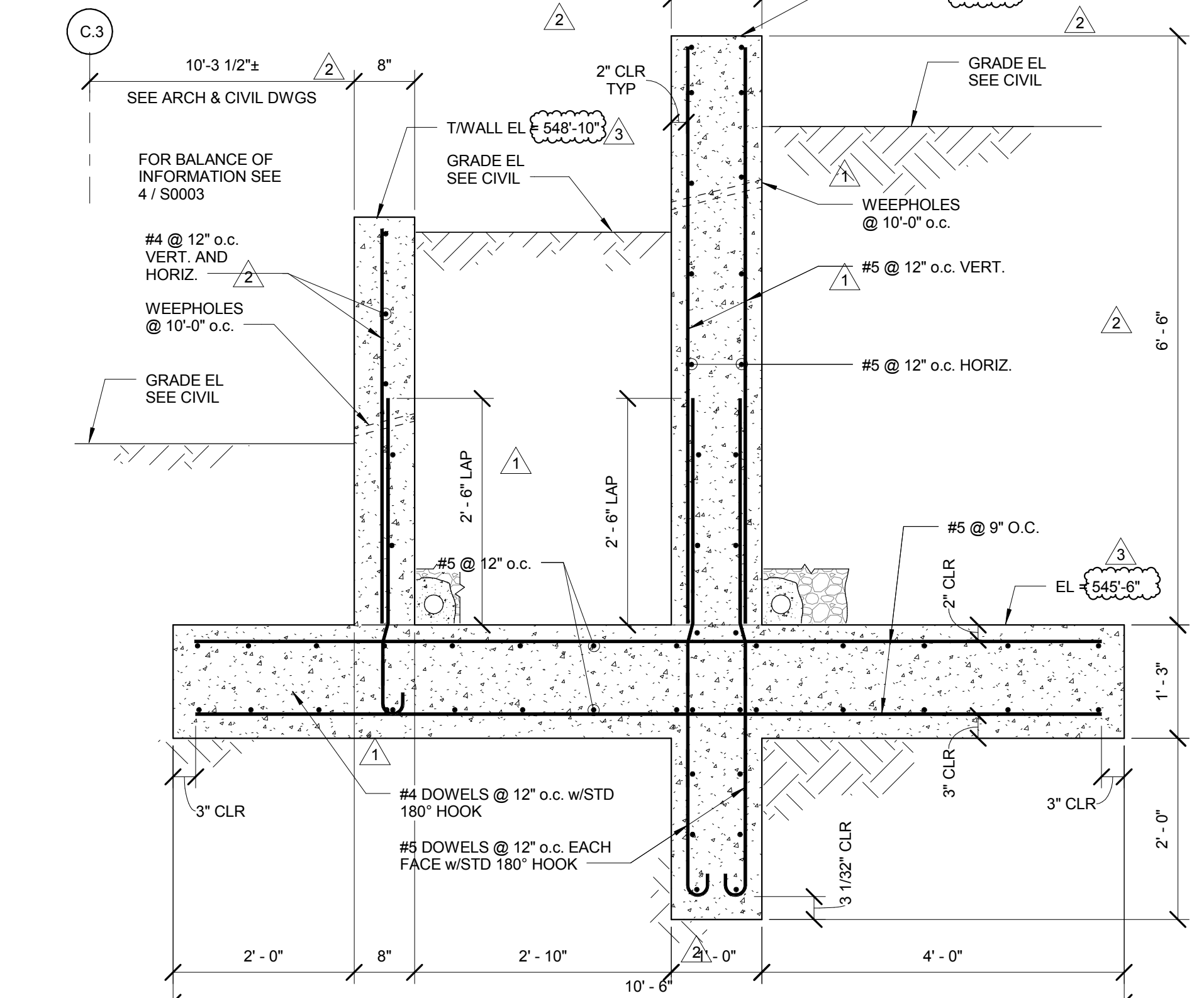
2 TYPICAL FLOOR DECK OPENING FRAME
3/4" = 1'-0"



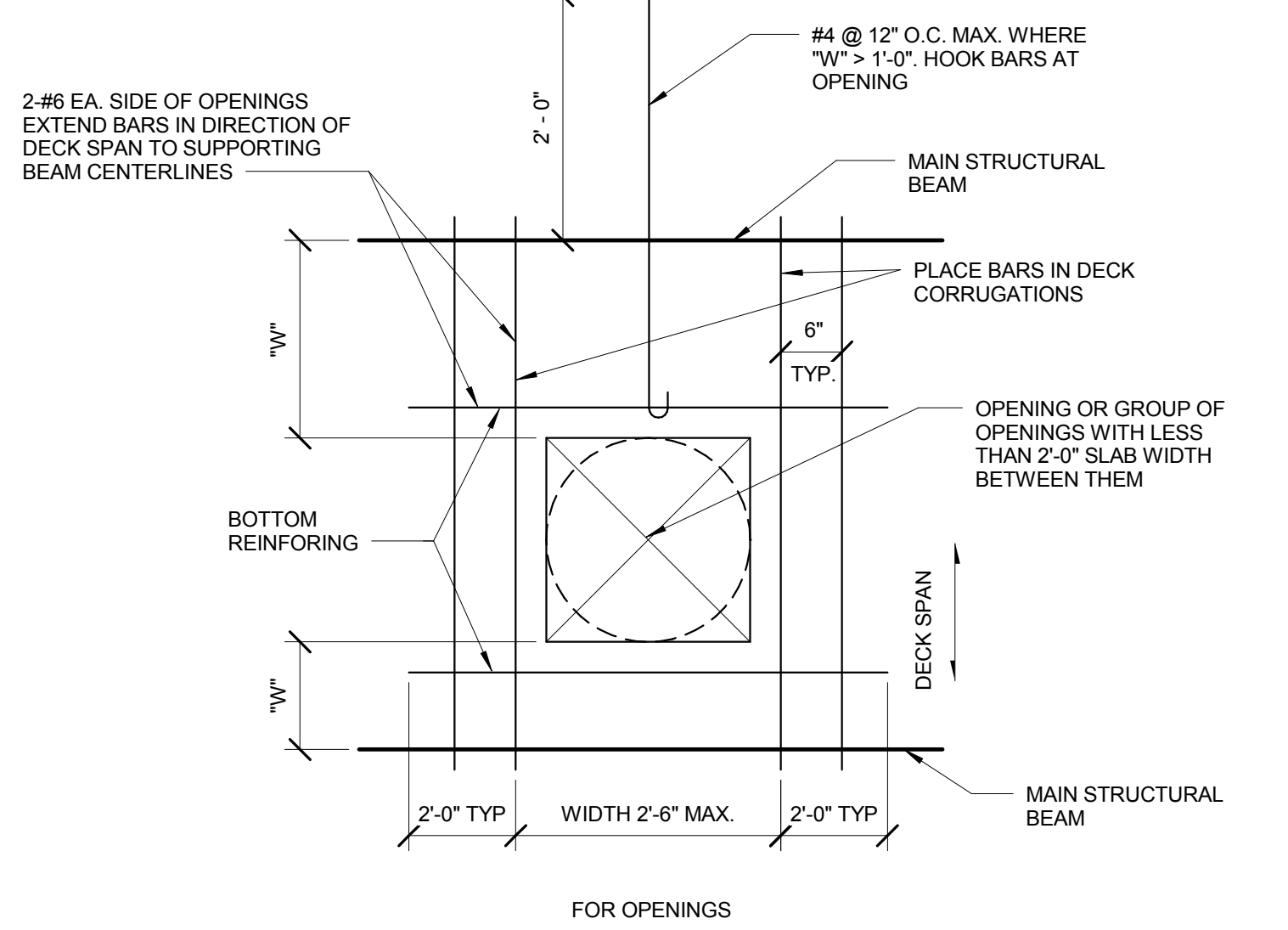
10 TYPICAL WEB OPENING DETAIL IN WF BEAM
3/4" = 1'-0"



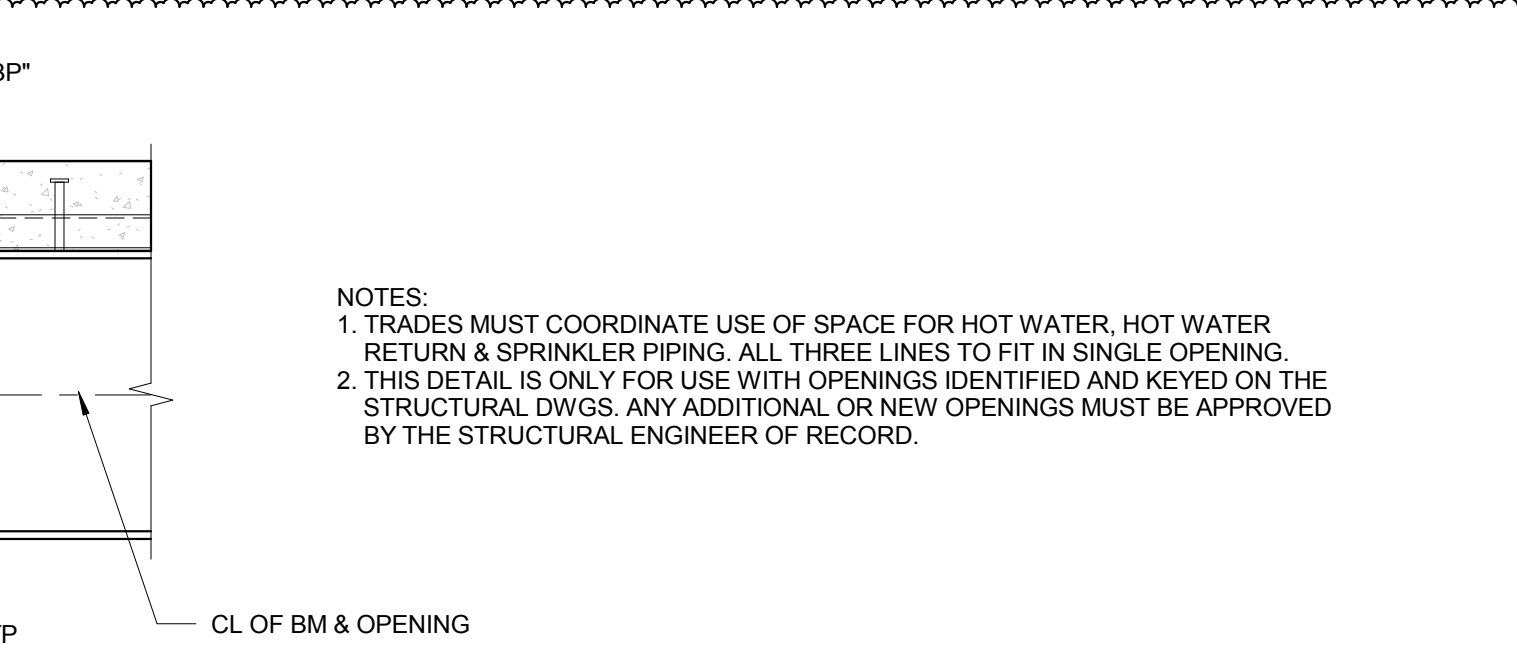
4 TYPICAL CONCRETE SITE RETAINING WALL SCHEDULE
3/4" = 1'-0"



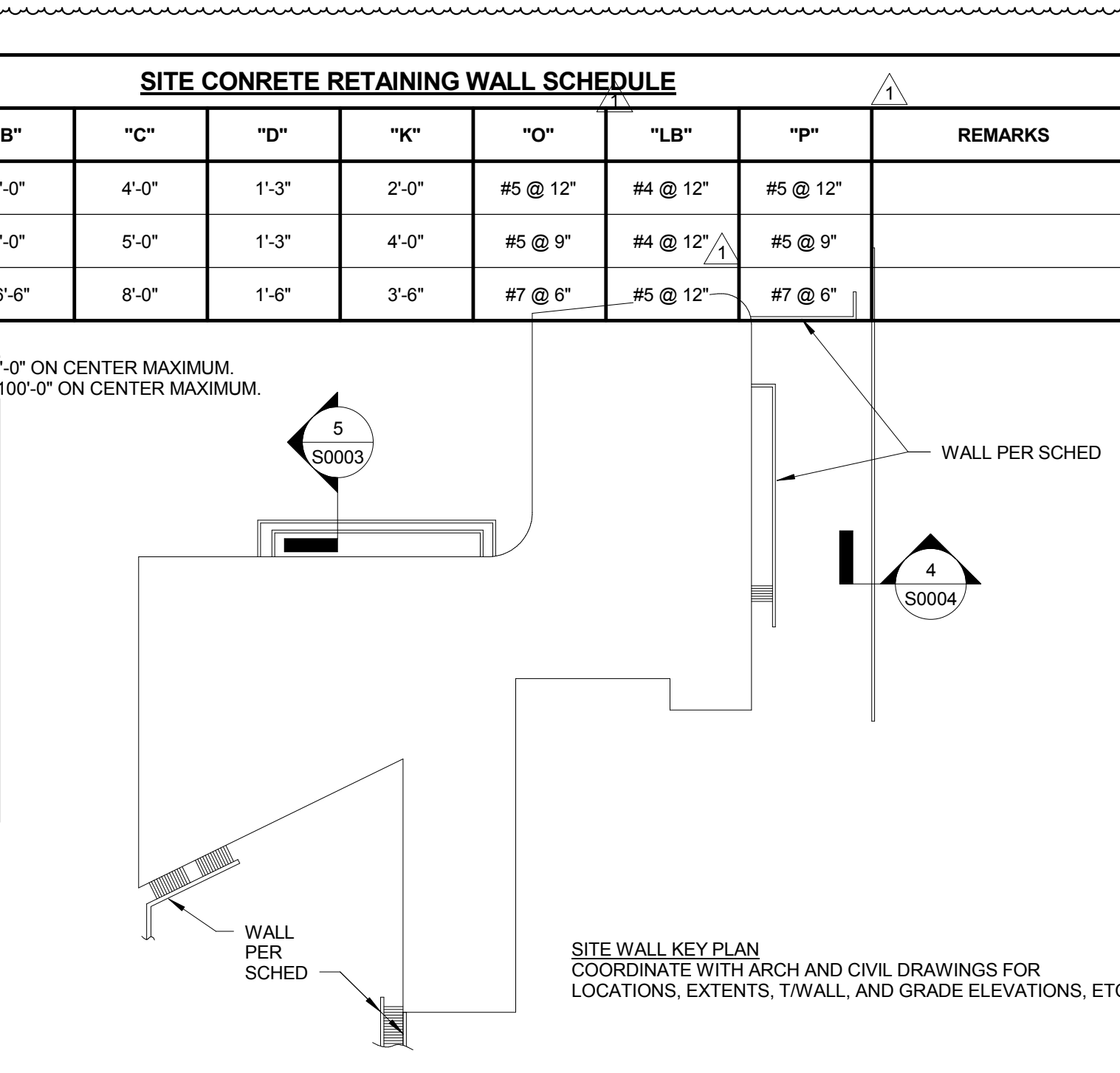
5 TYPICAL TERRACED CONCRETE SITE RETAINING WALL
3/4" = 1'-0"



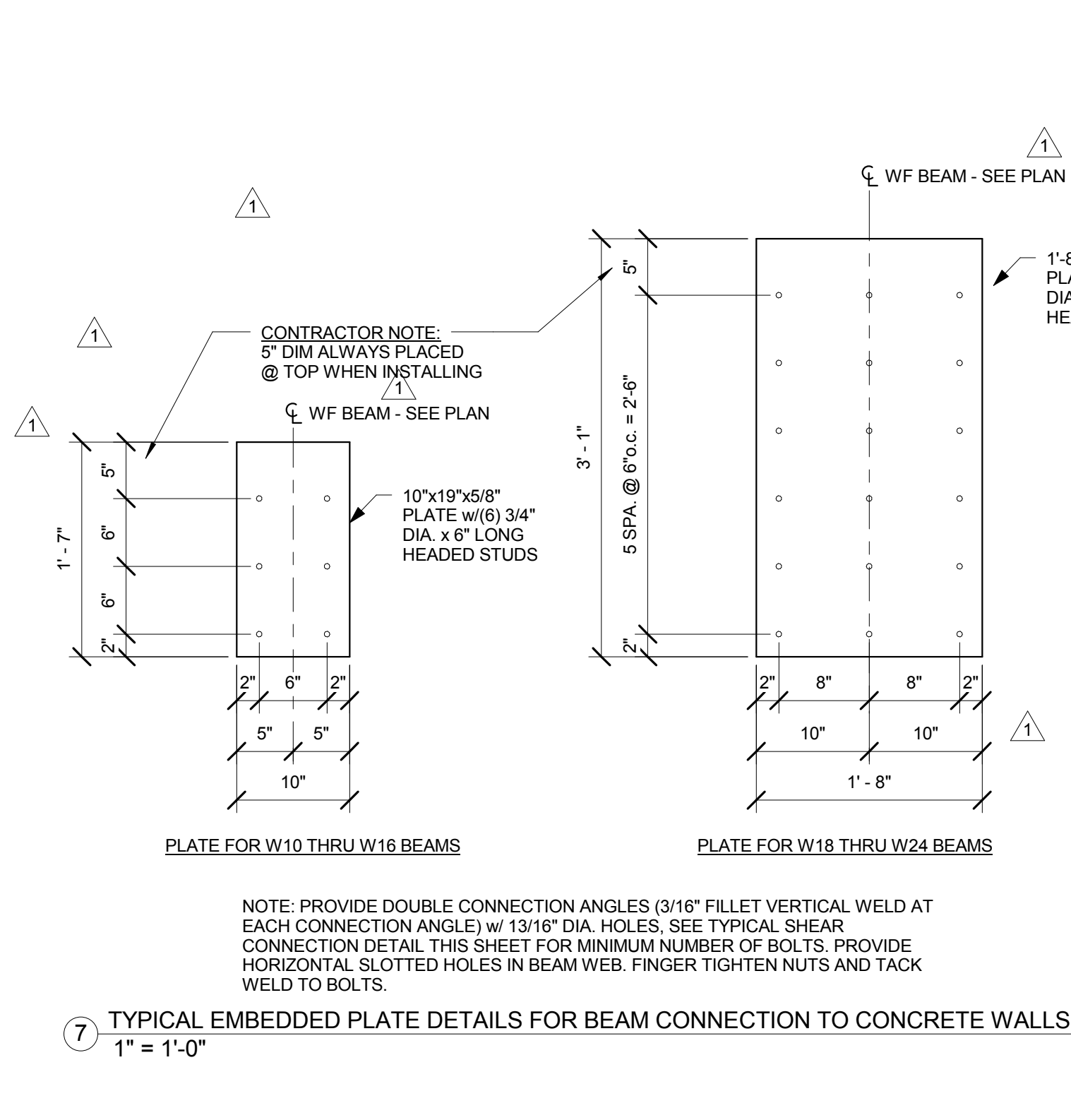
7 TYPICAL EMBEDDED PLATE DETAILS FOR BEAM CONNECTION TO CONCRETE WALLS
1" = 1'-0"



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