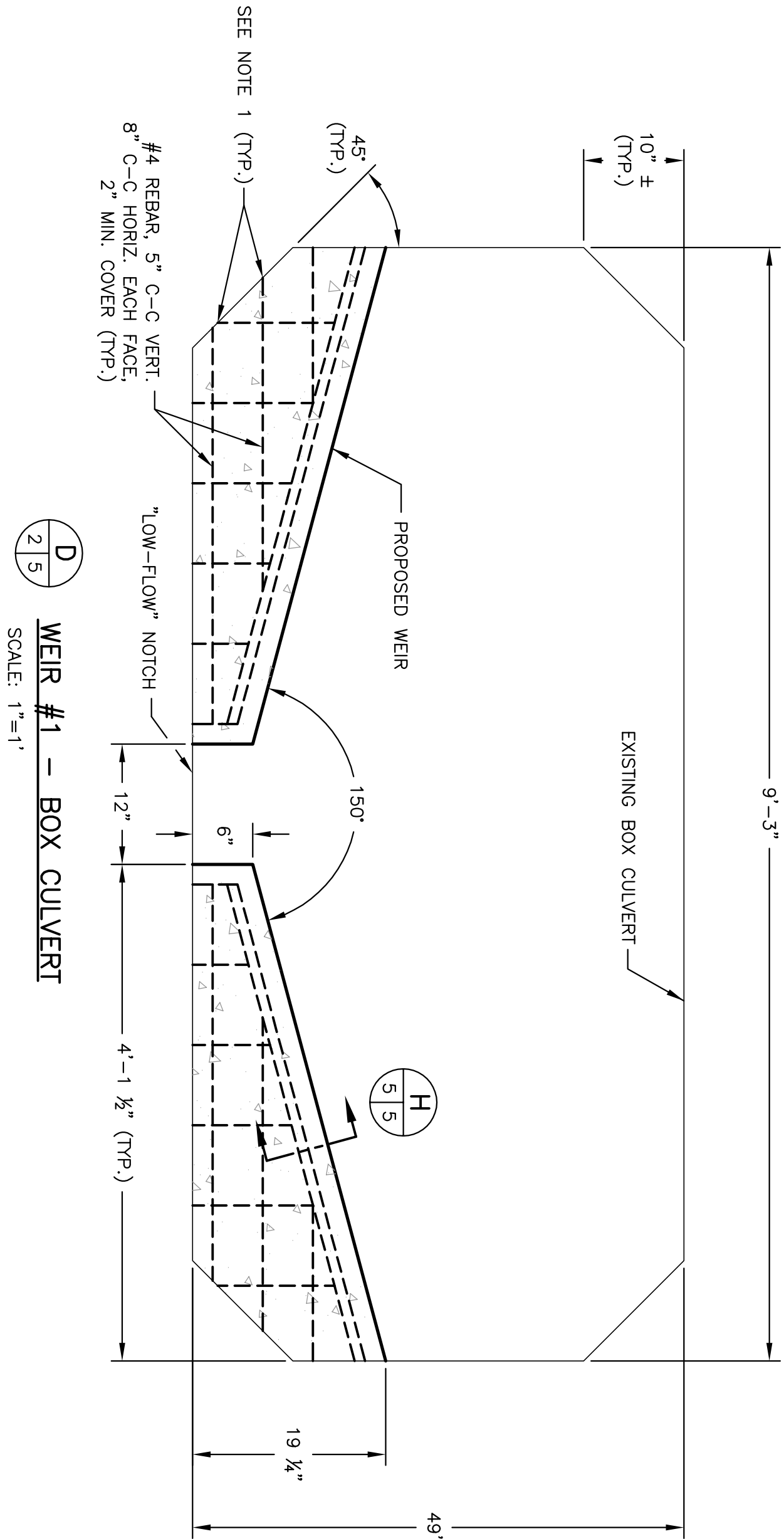
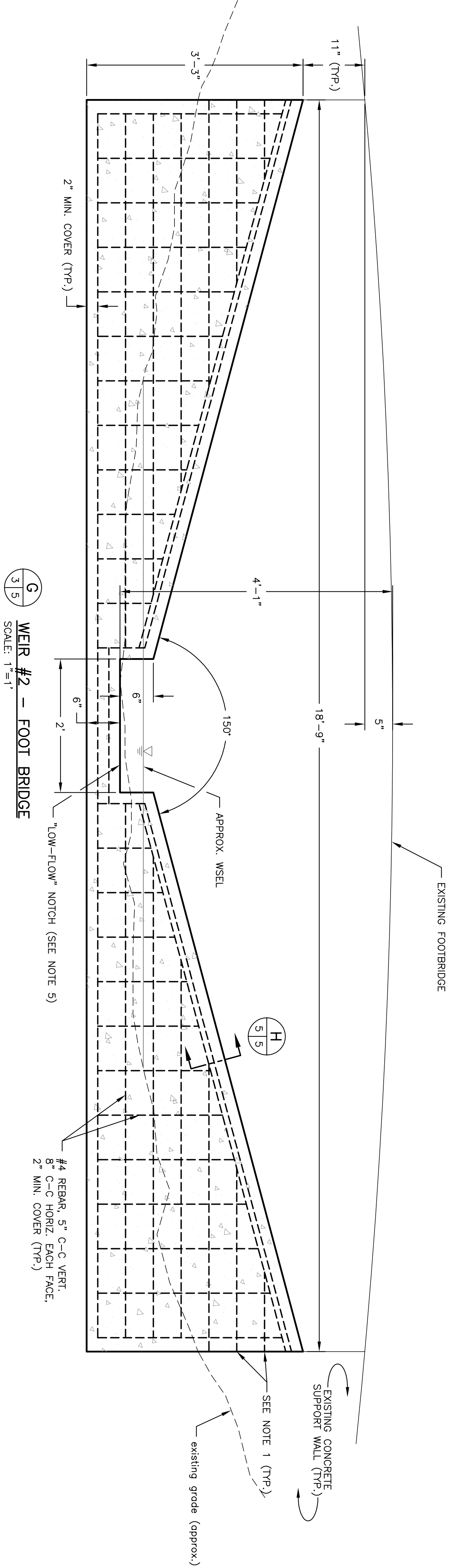
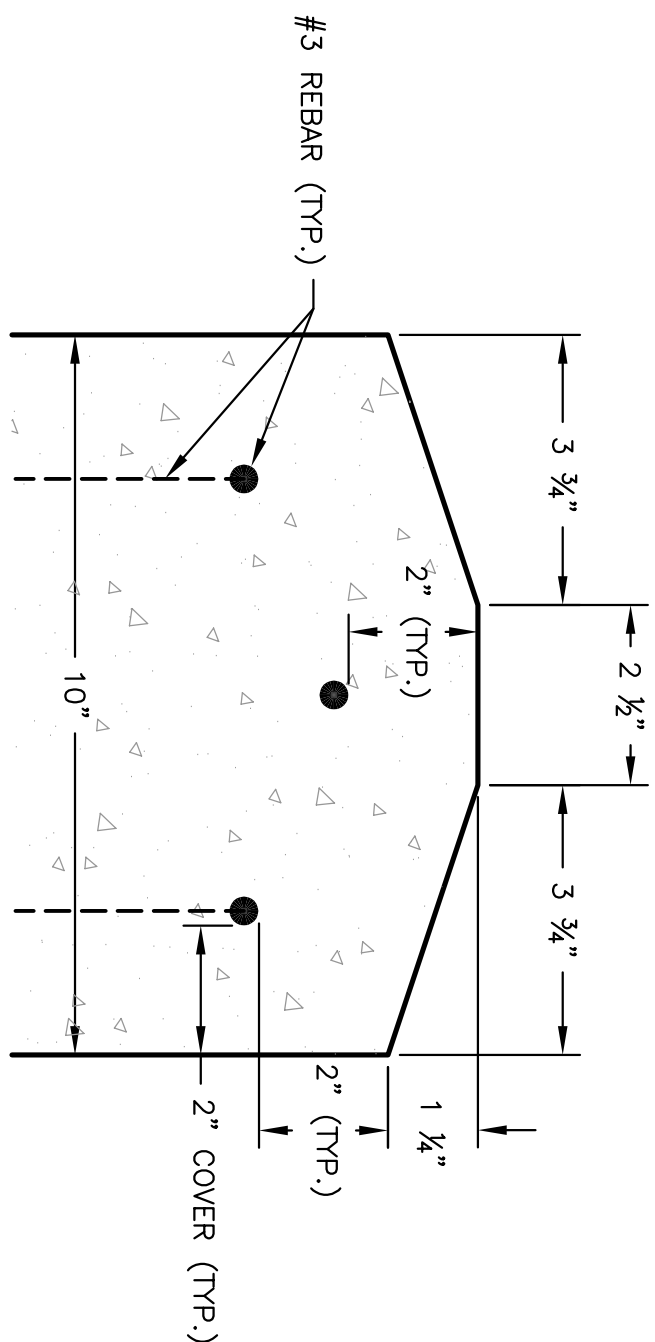




WEIR #1 – BOX CULVERT
SCALE: 1"=1'



WEIR #2 – FOOT BRIDGE
SCALE: 1"=1'



WEIR CROSS-SECTION
N.T.S.

- NOTES:**
- WHERE REBAR REINFORCEMENT MEETS EXISTING CONCRETE, DRILL INTO CONCRETE WALLS TO A DEPTH OF 6". INSERT REBAR INTO DRILLED HOLE AND GROUT IN PLACE PRIOR TO PLACING NEW CONCRETE.
 - ALL REBAR REINFORCEMENT SHALL BE TIED TOGETHER AT INTERSECTIONS. ALL REINFORCING BARS SHALL HAVE A MINIMUM OF 2" COVER.
 - CONCRETE SHALL BE 4000 PSI PER VDOT STANDARDS.
 - ANGLED PORTION OF WEIRS SHALL BE TAPERED PER DETAIL **H**. RECTANGULAR "LOW-FLOW" NOTCH ON BOTH WEIRS SHALL HAVE FLAT SIDES.
 - GRADE BOTTOM OF CHANNEL UPSTREAM OF WEIR #2 SO THAT THE CHANNEL BOTTOM IS A MINIMUM OF 2" BELOW THE LOW-FLOW NOTCH INVERT.



Revisions

Drwn by:	F.B. THYE
Des by:	F.B. THYE
Chk by:	D. KIBLER
Date:	21 JAN 03
Scale:	AS SHOWN
Dwg Nme:	POND-SP1