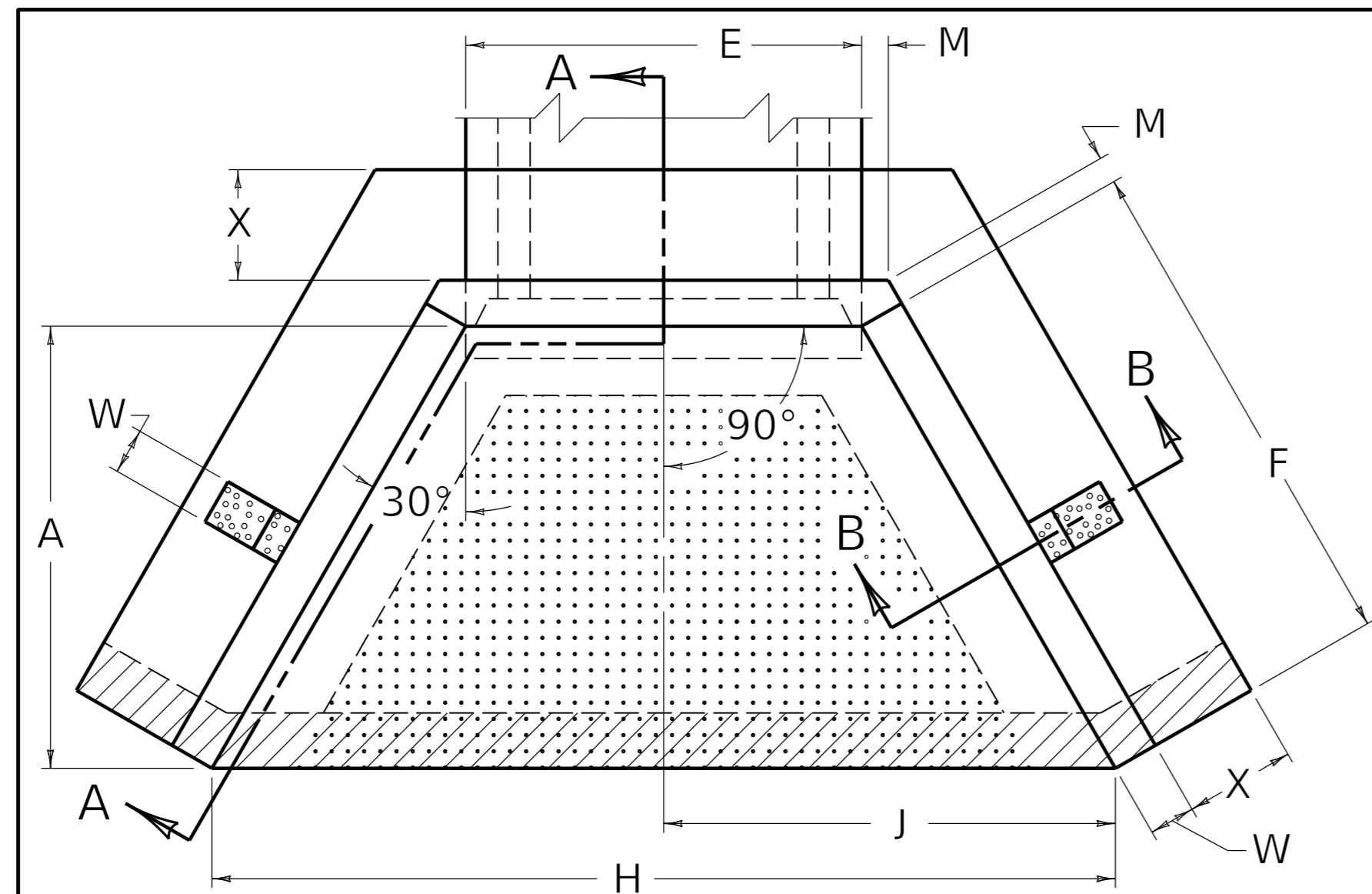
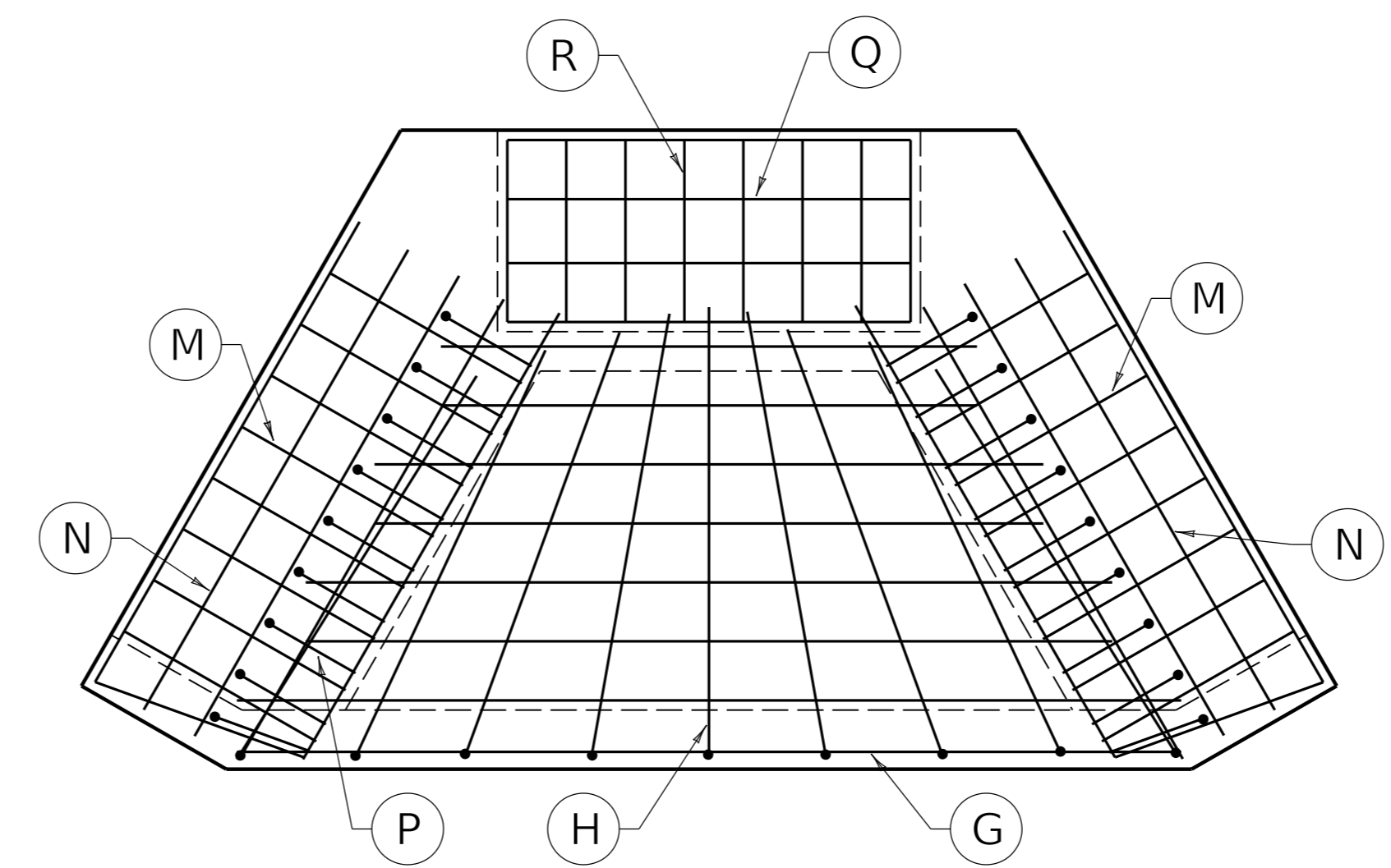


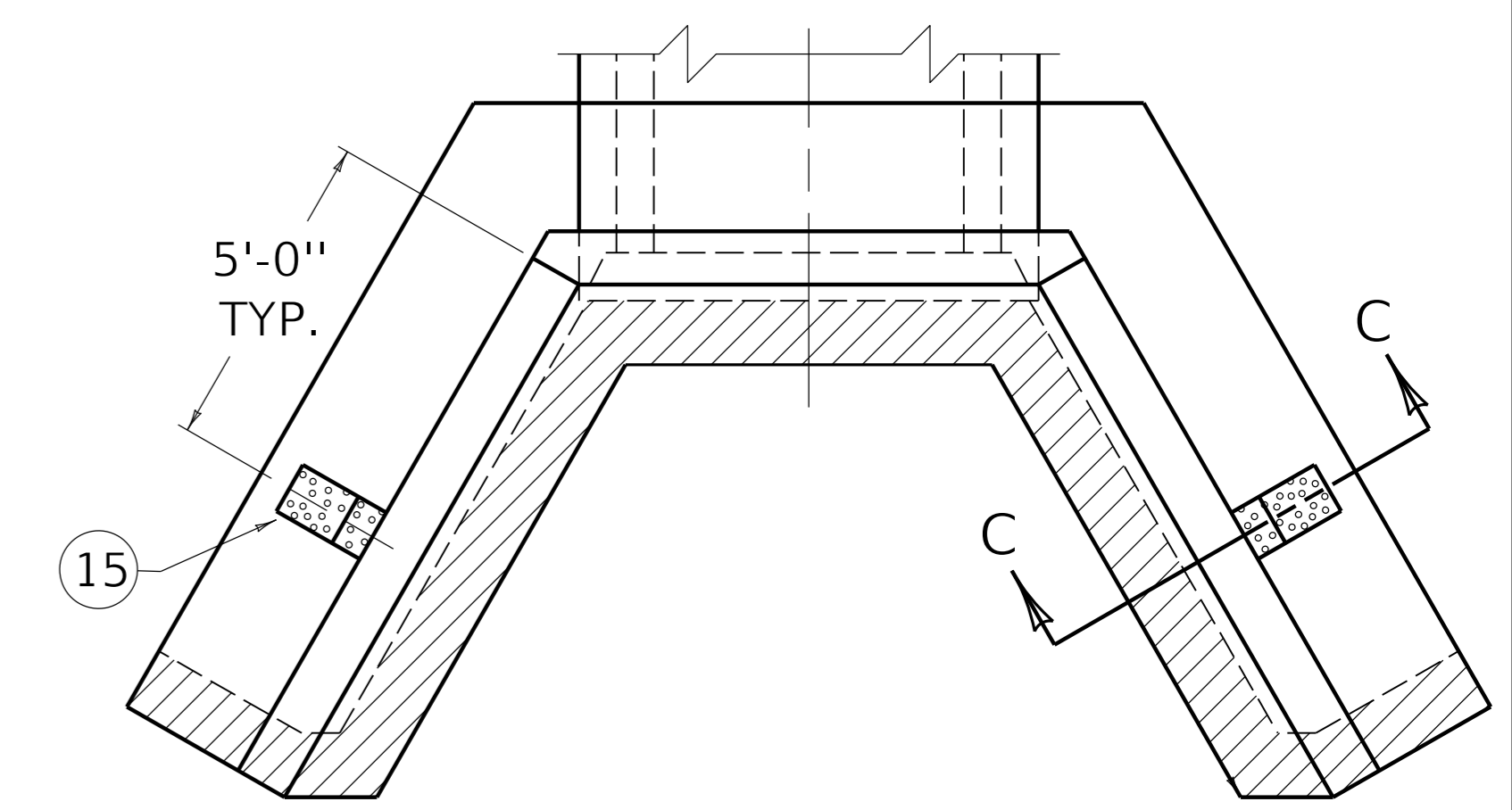
DRAWING SCALE:
3/4" : 1'



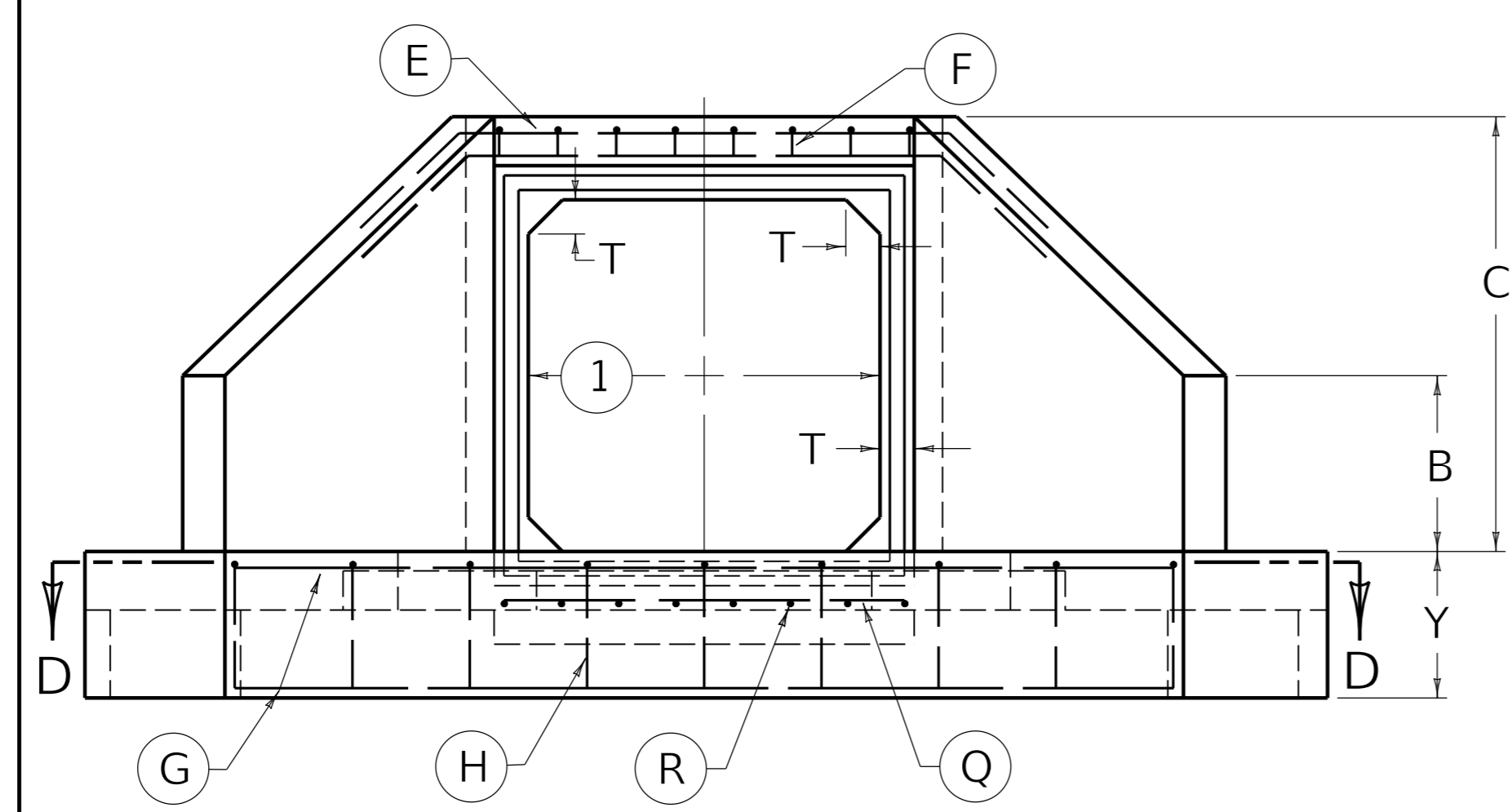
PLAN VIEW



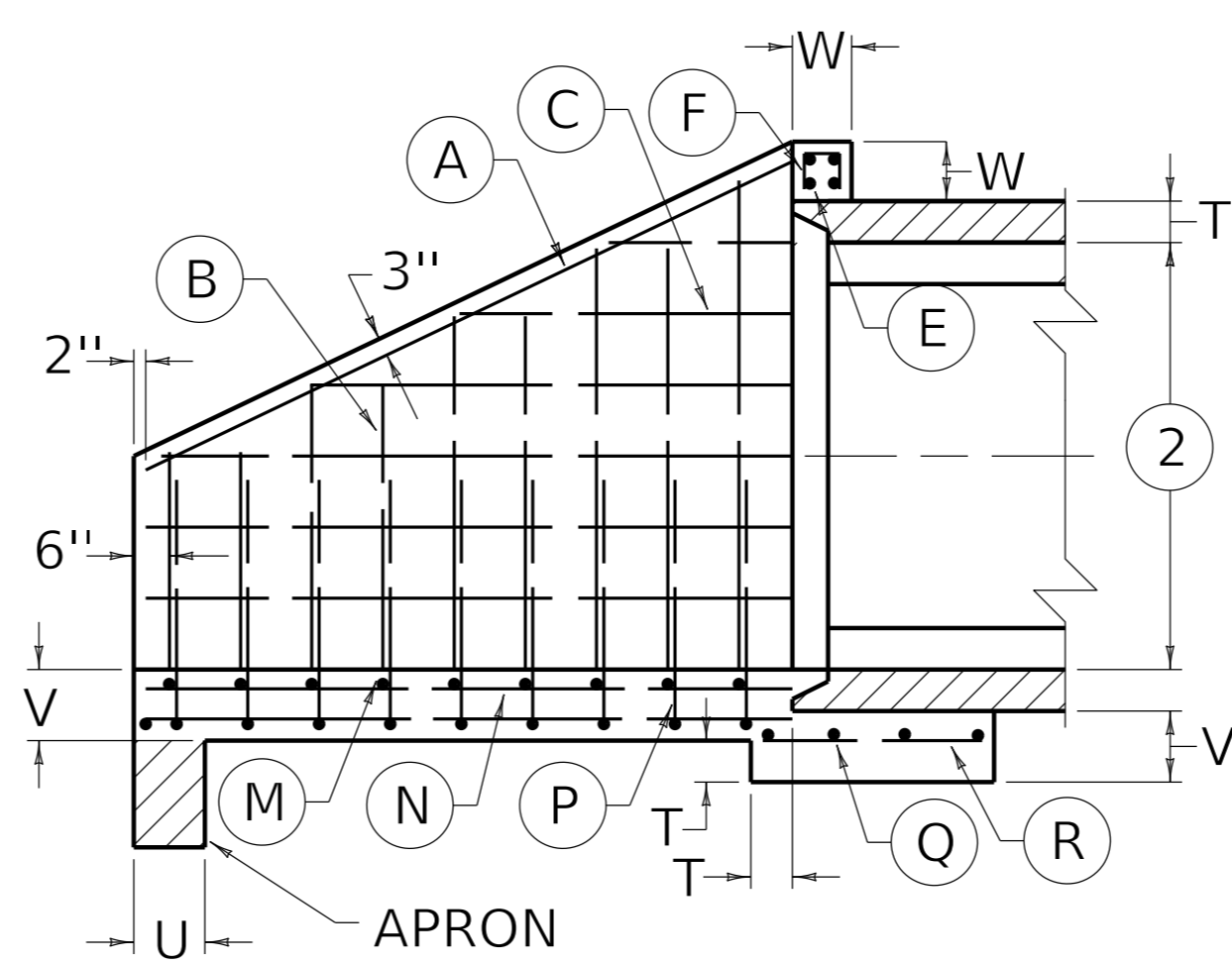
SECTION D-D



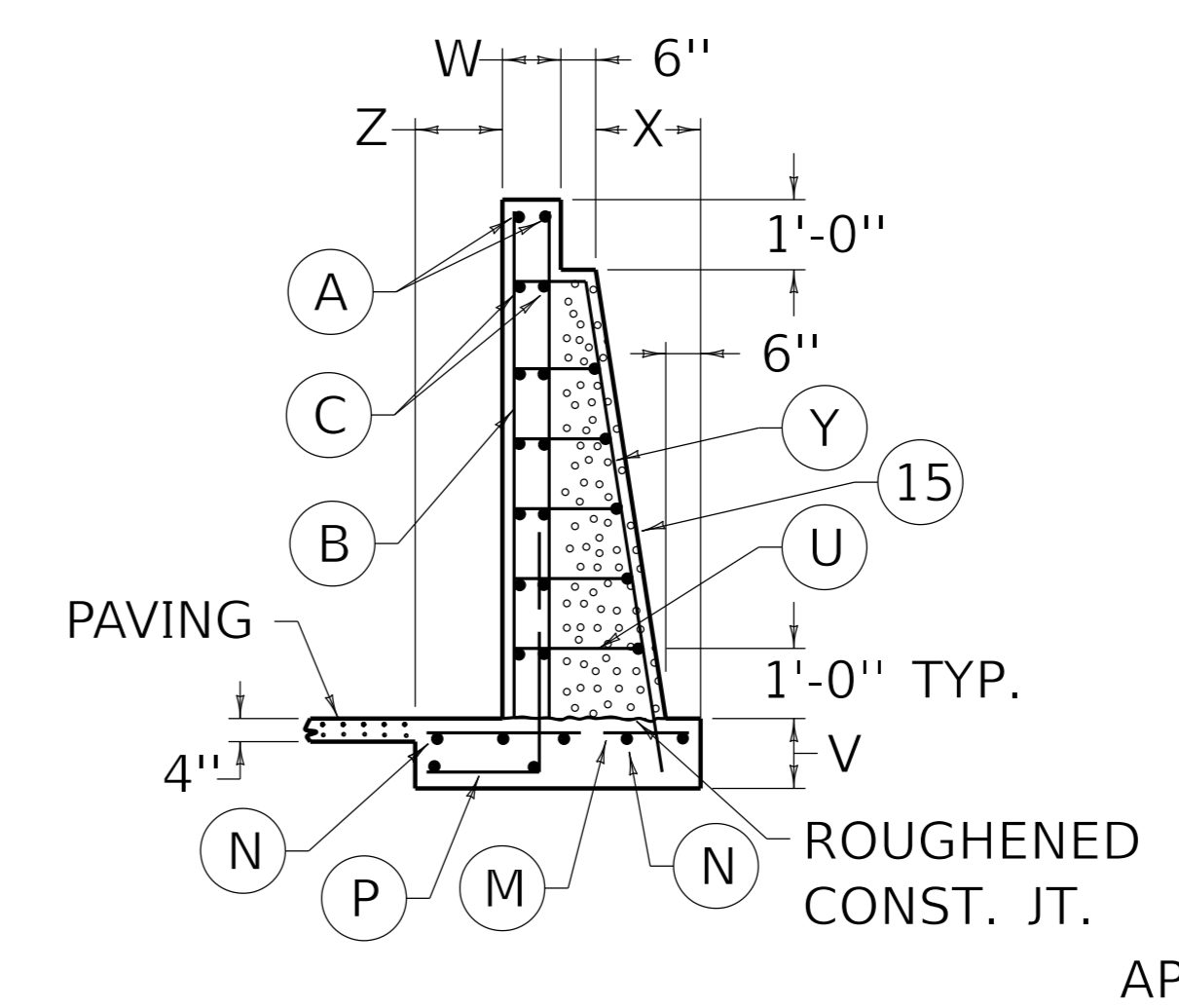
PLAN VIEW
WITHOUT PAVING



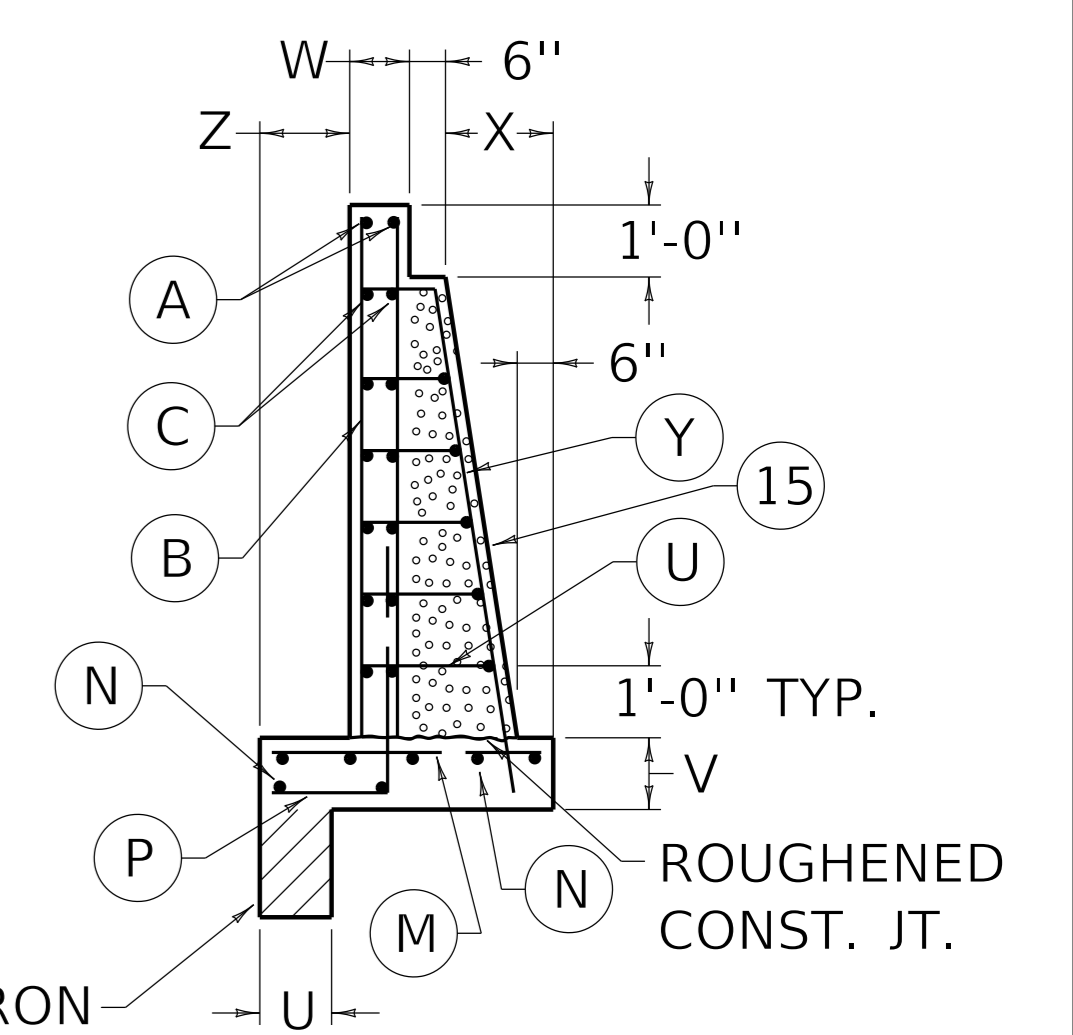
FRONT ELEVATION



SECTION A-A



SECTION B-B



SECTION C-C

NOTES

1. SPAN OF BOX CULVERT
2. RISE OF BOX CULVERT
3. FOR DIMENSIONS, QUANTITIES, AND BILL OF REINFORCEMENT SEE CUR. STD. DWGS. RDH-1100, RDH-1200 AND RDH-1300 SERIES.
4. DIMENSIONS FROM FACE OF CONCRETE TO STEEL SHALL BE 2" CLEAR DISTANCE.
5. ENCIRCLED LETTERS, ○, INDICATE STEEL BAR LOCATIONS.
6. BARS (B), (C), (G), (M), (P) AND (U) ARE SPACED 1'-0" O.C. ALL OTHER BARS SHALL BE EVENLY SPACED.
7. BARS (B), (C) AND (U) ARE PLACED IN ORDER OF INCREASING LENGTH, BEGINNING AT THE END OF WING, TOP OF WING AND TOP OF COUNTERFORT RESPECTIVELY.
8. HEADWALLS LOCATED AT SHOULDER EDGE SHALL BE PARALLEL TO CENTERLINE OF ROAD.
9. [Hatched pattern] LIMITS OF APRON.
10. [Dotted pattern] LIMITS OF PAVING.
11. [Cross-hatched pattern] LIMITS OF COUNTERFORTS.
12. THESE HEADWALLS ARE DESIGNED BOTH WITH AND WITHOUT PAVING BETWEEN THE WINGS. (SEE PLANS)
13. WHEN PAVING IS REQUIRED; PAVING SHALL BE SLOPED IN DIRECTION OF FLOW EQUAL TO SLOPE OF BOX. FRONT FACE OF HEADWALL AND ENDS OF WINGS SHALL REMAIN VERTICAL.
14. WHEN PAVING IS NOT REQUIRED BARS (H) AND (G) SHALL BE ELIMINATED.
15. A COUNTERFORT SHALL BE REQUIRED ON A WING WALL WHEN THE BOX RISE IS 8'-0" OR GREATER AND THE WING WALL IS 15'-0" OR LONGER.

(LAYOUT AND STEEL PATTERN)

KENTUCKY DEPARTMENT OF HIGHWAYS		
<i>PRECAST BOX CULVERT HEADWALLS - 0° SKEW (BOX RISE 6'-0" OR GREATER)</i>		
STANDARD DRAWING NO. RDH-1005-02		
SUBMITTED _____	DIRECTOR DIVISION OF DESIGN _____	DATE _____
APPROVED _____	_____	DATE _____