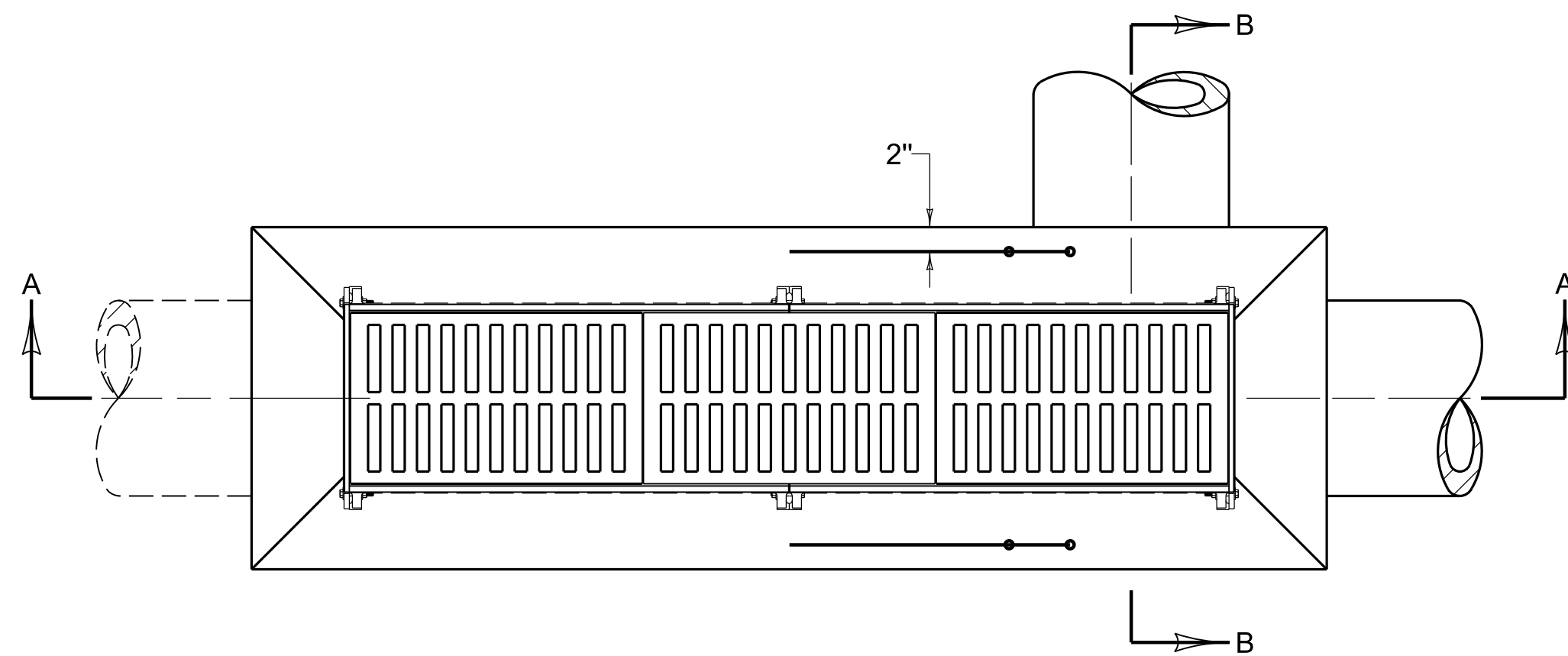
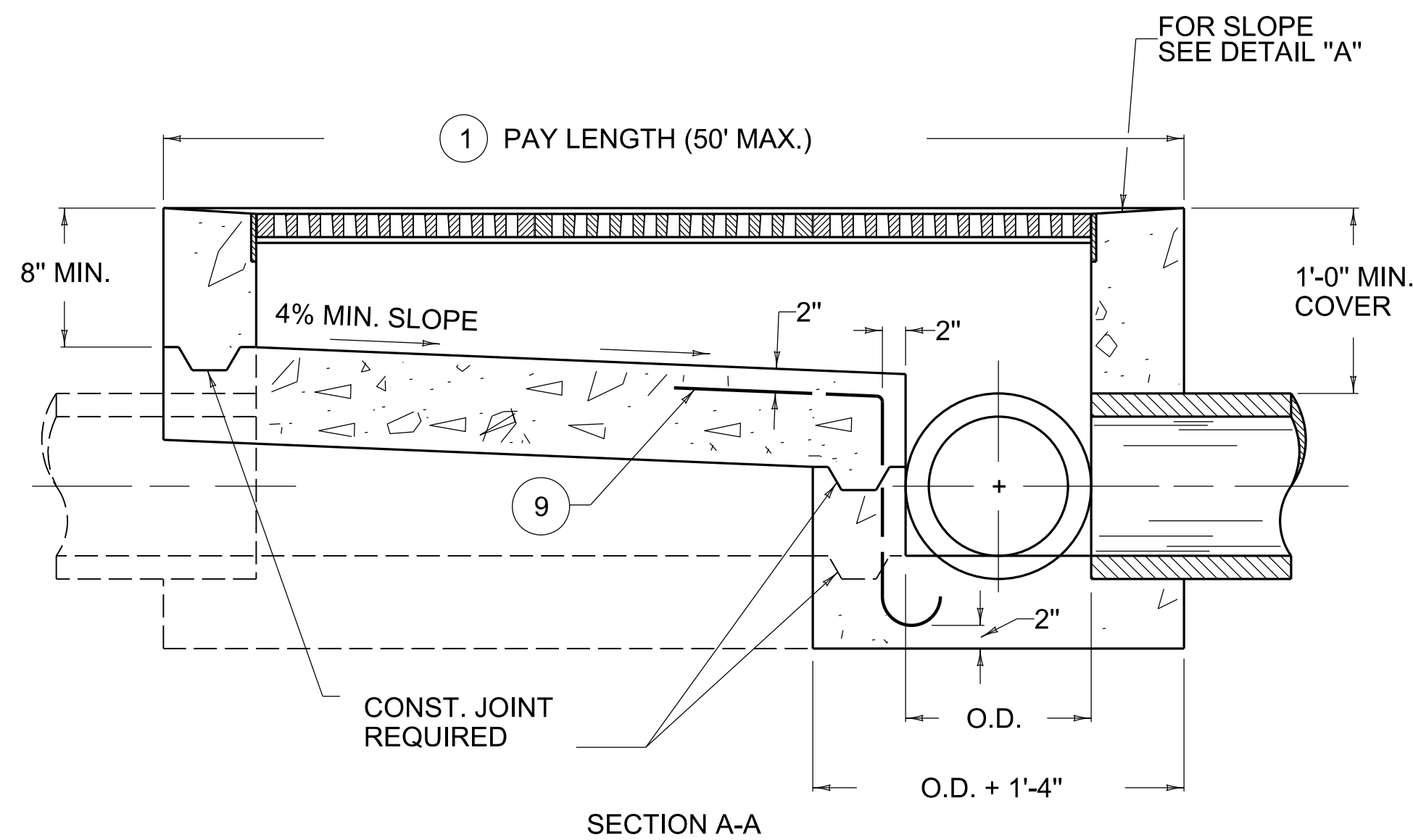
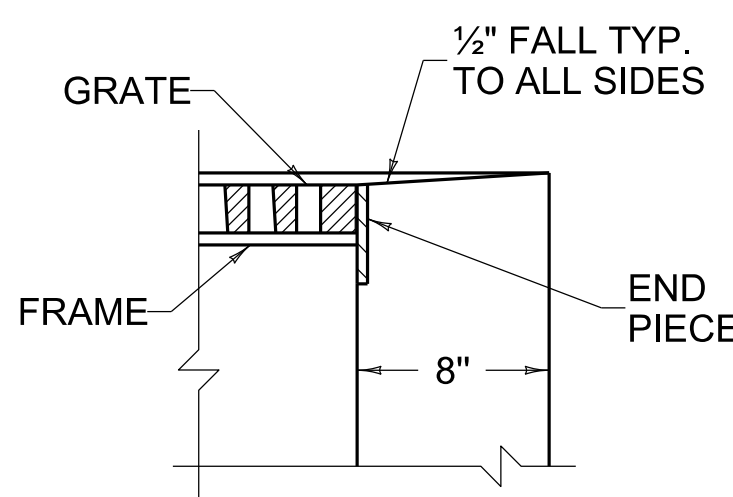




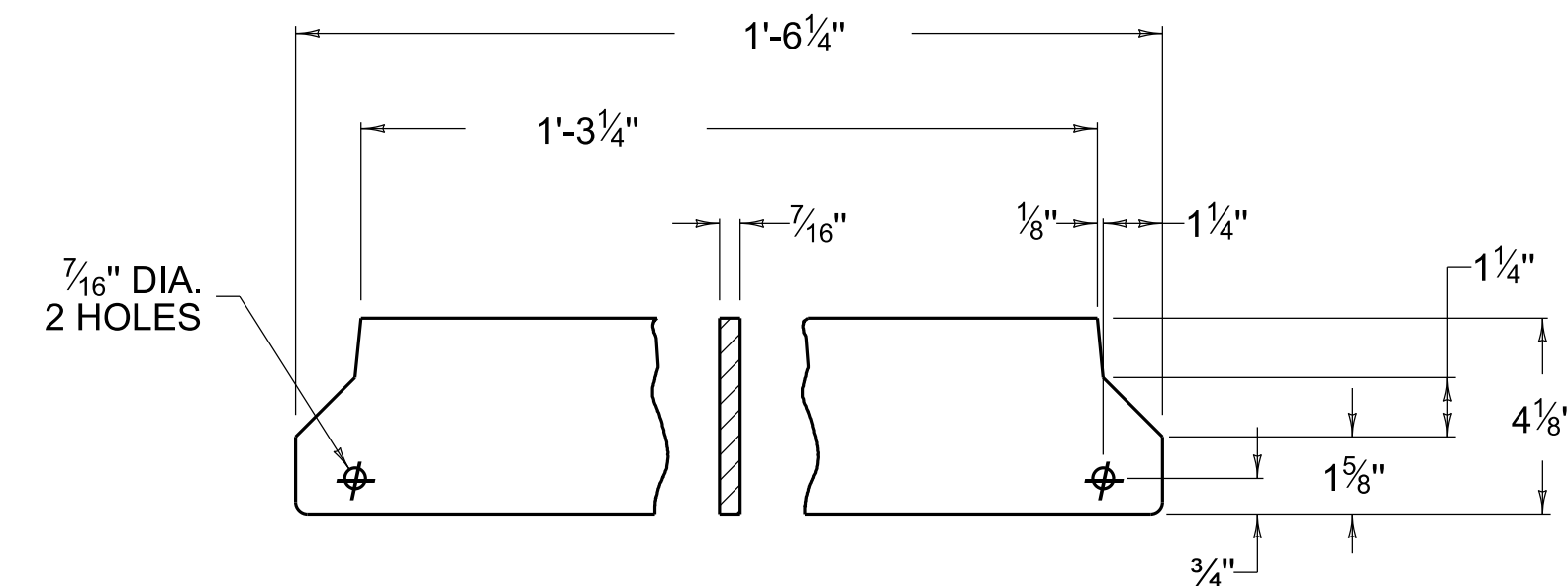
PLAN VIEW



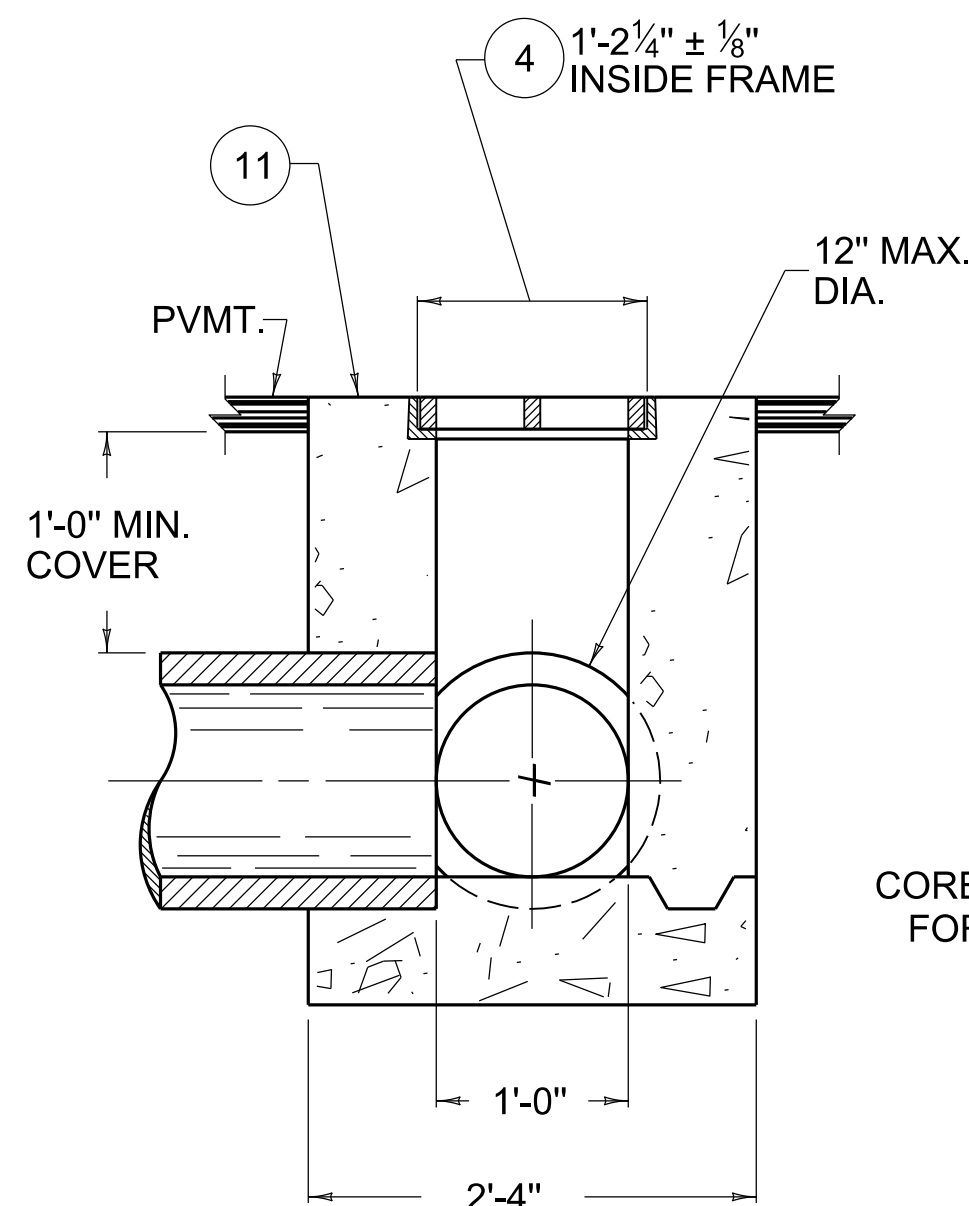
SECTION A-A



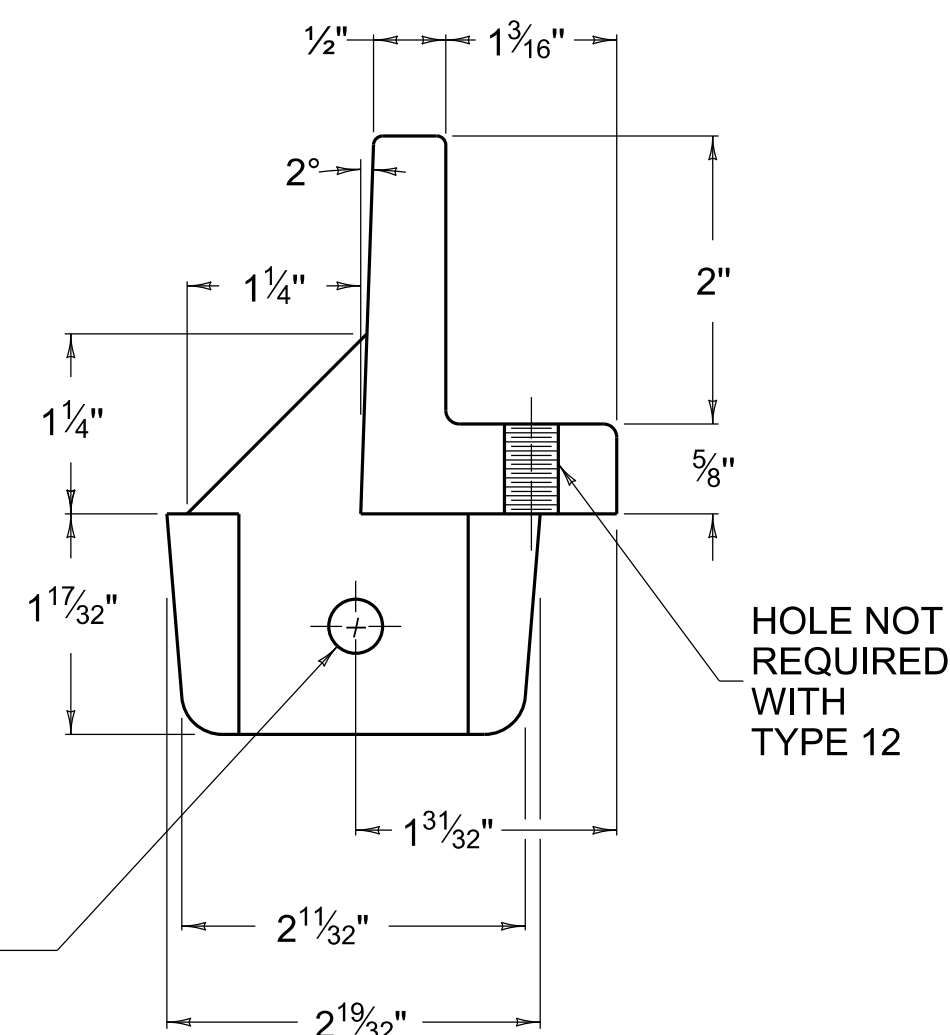
DETAIL "A"



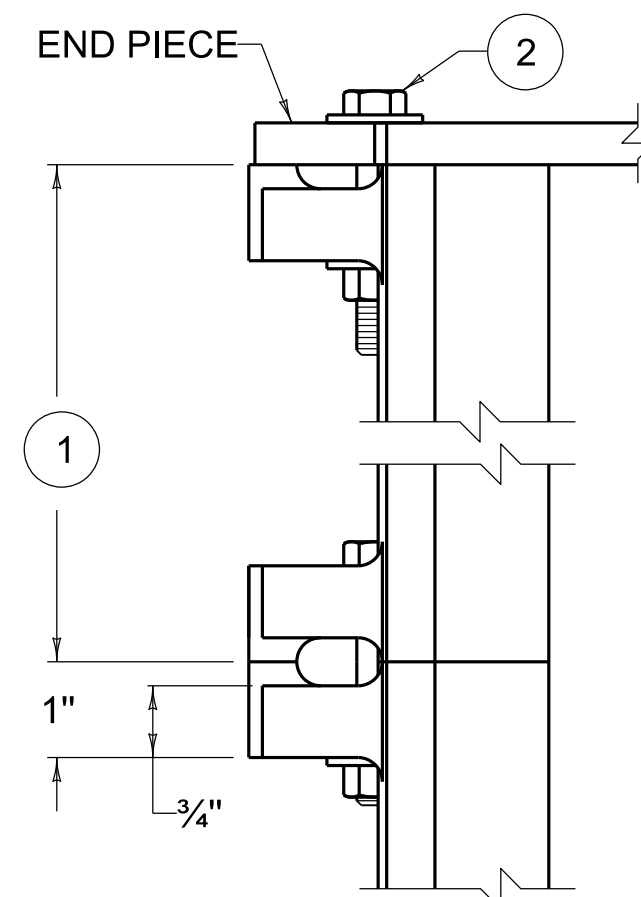
END PIECE ELEVATION



SECTION B-B



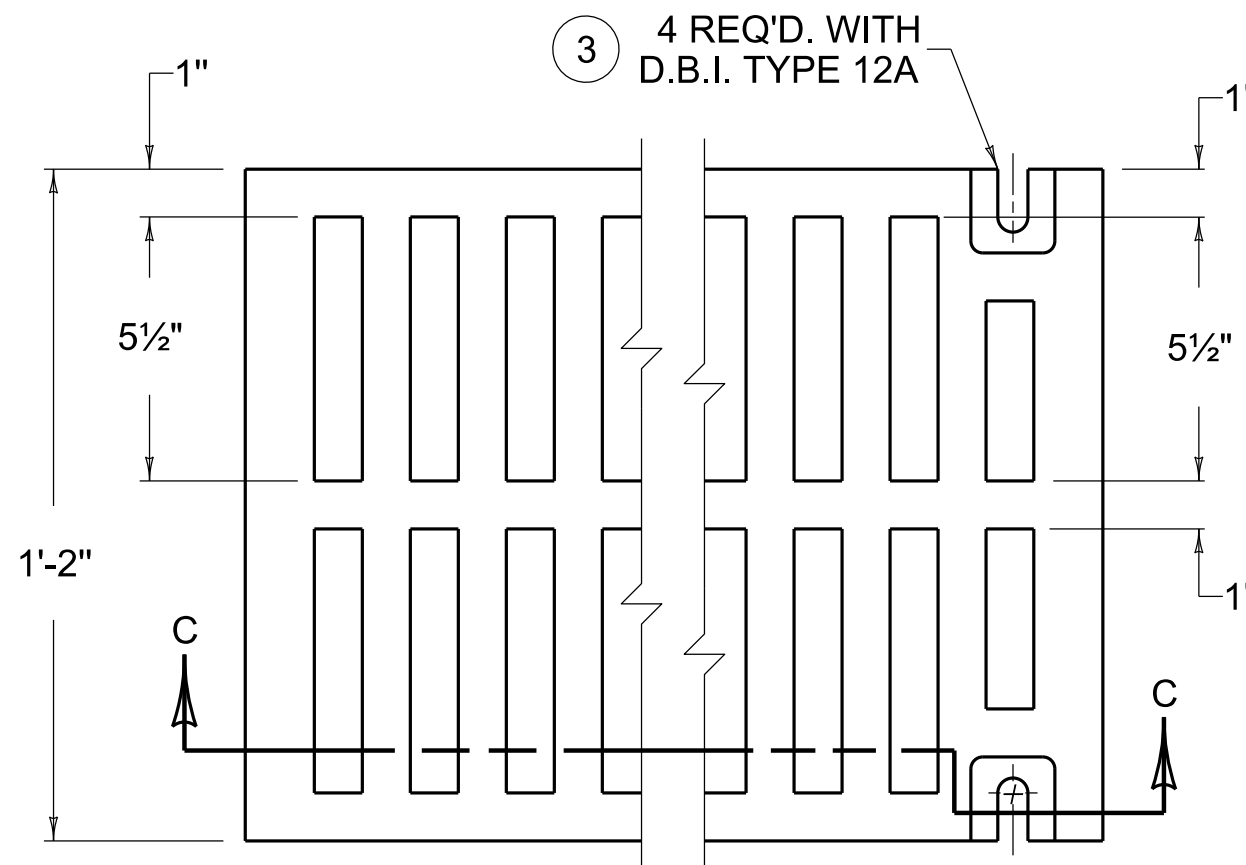
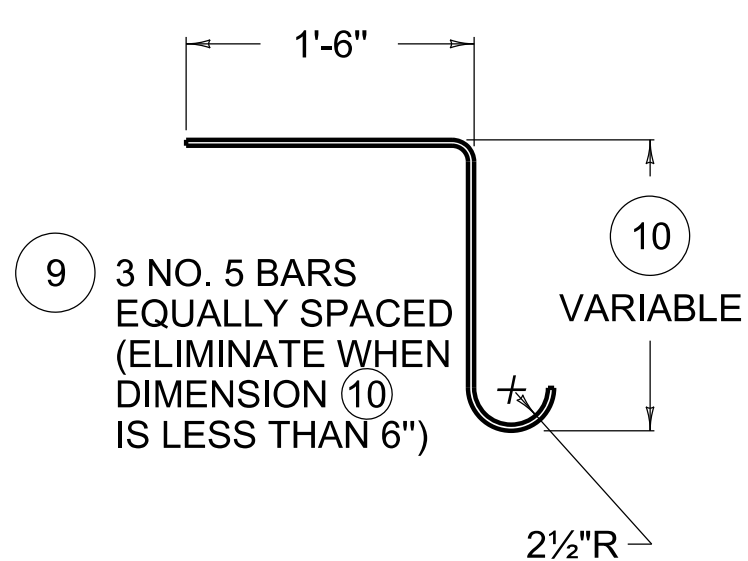
FRAME ELEVATION



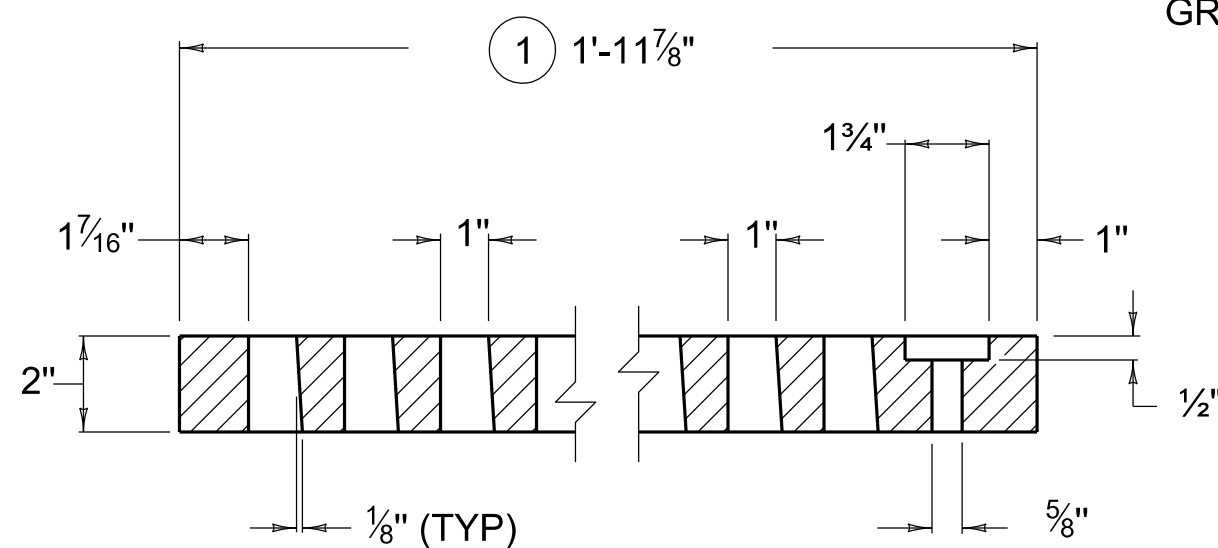
FRAME & END PIECE
PLAN VIEW

~ NOTES ~

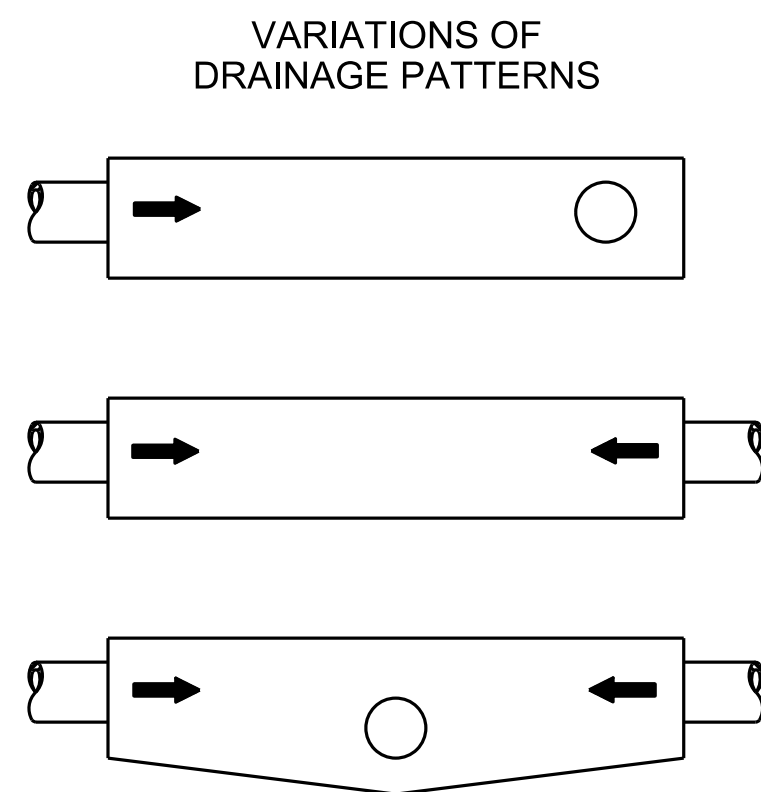
- 1 THE UNIT LENGTHS ARE 3'-0" FOR THE FRAMES AND 1'-11 1/8" FOR THE GRATES AND ARE TO BE CONSTRUCTED IN MULTIPLE LENGTHS OF 6'-0" FOR TYPE 12 INLET.
THE UNIT LENGTHS ARE 2'-0" FOR THE FRAMES AND 1'-11 1/8" FOR THE GRATES AND ARE TO BE CONSTRUCTED IN MULTIPLE LENGTHS OF 2'-0" FOR TYPE 12A INLET.
 - 2 THE FRAME AND END PIECES SHALL BE ASSEMBLED WITH 3/8" X 2 1/2" HEX HEAD BOLTS, NUTS AND FLAT WASHERS (COMMERCIAL QUALITY).
 - 3 WHEN DROP BOX INLET TYPE 12A IS A BID ITEM, THE GRATES SHALL BE BOLTED TO THE FRAME WITH FOUR 3/8"-16 X 2" STAINLESS STEEL HEX BOLTS AND FLAT WASHERS (COMMERCIAL QUALITY).
 - 4 THIS IS A CONTROL DIMENSION TO PREVENT FRAME FROM SPREADING.
 - 5 THE WALLS AND BASE OF THE STRUCTURE SHALL BE 8" THICK.
 - 6 SEE PIPE SECTIONS IN THE PLANS FOR FLOW LINE ELEVATIONS, PIPE SIZES, AND OTHER PERTINENT DETAILS.
 - 7 SECURITY DEVICES ARE REQUIRED FOR TYPE 12 ONLY.
 - 8 APPROXIMATE WEIGHT OF CASTINGS:
FRAME 15 LBS. PER FT. (BOTH SIDES)
GRATE 50 LBS. PER FT.
 - 11 TOP SLOPE OF INLET SHALL BE CONSTRUCTED TO MATCH SLOPE OF ADJACENT PAVEMENT.
 - 12 THESE GRATES ARE BICYCLE FRIENDLY.
- BID ITEM AND UNIT TO BID
DROP BOX INLET TYPE 12 LF
DROP BOX INLET TYPE 12A LF
12 WHEN THE GRATES ARE NOT TO BE BOLTED TO THE FRAME.
12A WHEN THE GRATES ARE TO BE BOLTED TO THE FRAME.



GRATE PLAN VIEW



SECTION C-C



VARIATIONS OF
DRAINAGE PATTERNS

COMBINATIONS OF THE
ABOVE MAY BE REQUIRED
(SEE PIPE SECTIONS FOR
APPROPRIATE DETAILS)



COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS



INLETS

DROP BOX INLET TYPE 12 OR 12A

STANDARD DRAWING NUMBER
RDB-012-10

DRAINAGE

REVISION DATE: 12/01/2015
REVISION NUMBER: 0

SUBMITTED 12-01-2015 DATE
DIVISION DIRECTOR

APPROVED 12-01-2015 DATE
STATE HIGHWAY ENGINEER