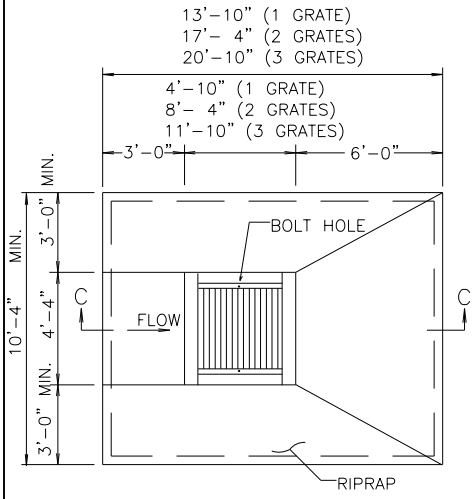
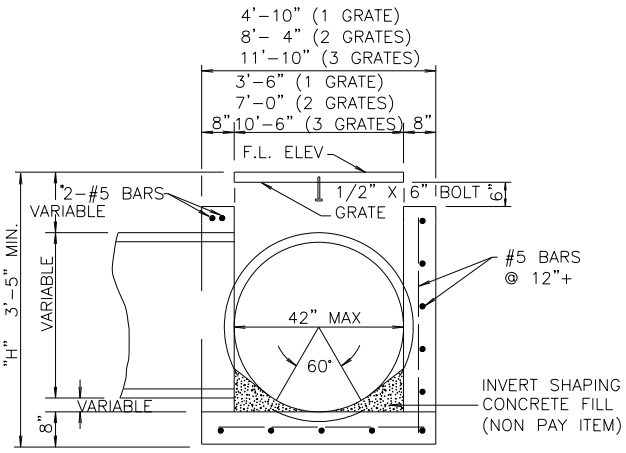
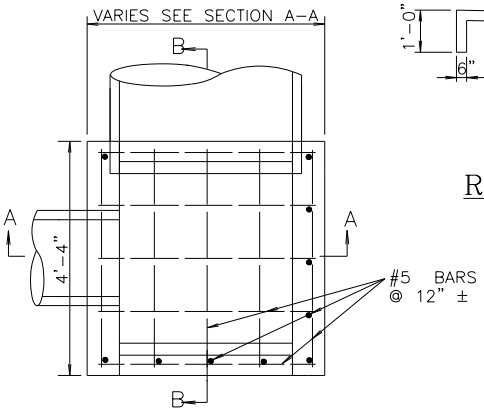


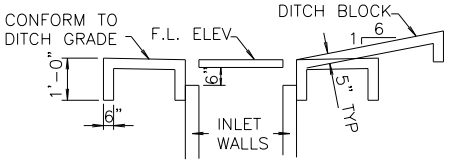
DITCH BLOCK PLAN



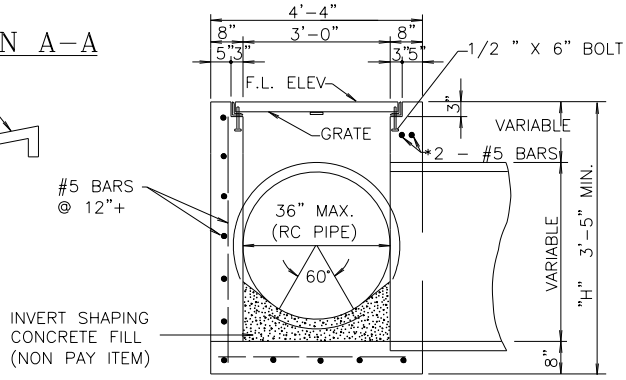
SECTION A-A



PLAN

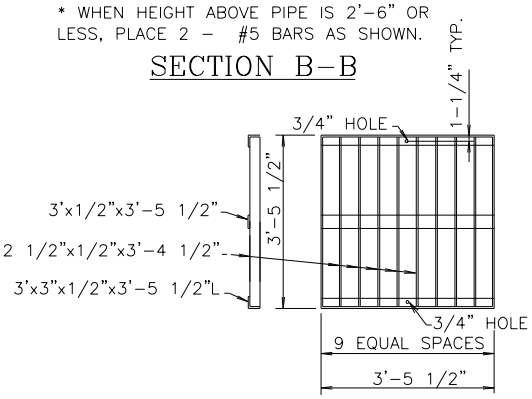


SECTION C-C
RIPRAP DETAILS



* WHEN HEIGHT ABOVE PIPE IS 2'-6" OR LESS, PLACE 2 - #5 BARS AS SHOWN.

SECTION B-B



GRATE DETAILS

NOTE:
FILLET WELD ALL JOINING SURFACES.

*INLET SHOWN IS FOR A STANDARD 3'X3' INLET. INLET DIMENSIONS SHALL BE ADJUSTED FOR OTHER SIZES.

GENERAL NOTES:

1. CONCRETE FOR DROP INLETS SHALL BE CLASS "A".
2. BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED.
3. REFER TO THE TxDOT STANDARD SPECIFICATION FOR CONSTRUCTION AND MAINTANANCE OF HIGHWAYS, STREETS AND BRIDGES, JUNE 2004. PLACEMENT OF CONCRETE RIPRAP CLASS "B" AND GRATES SHALL BE IN ACCORDANCE WITH TXDOT SPECIFICATION 471, "FRAMES, GRATES, RINGS AND COVERS." PAYMENT FOR THESE ITEMS WILL NOT BE MADE DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO ITEM 701.10, "GRATE INLET."
4. FOR INSTALLATION ON BOX CULVERTS, ADJUSTMENTS MAY BE MADE BY THE ENGINEER TO FIT UNUSUAL CONDITIONS.
5. RIPRAP CONCRETE CLASS "B" SHALL BE PLACED AS SOON AS PRACTICAL TO MINIMIZE EROSION.
6. REINFORCEMENT FOR RIPRAP SHALL BE WWF 6X6-W2.9XW2.9.
7. CONNECTING PIPES SHOULD ENTER WITHIN 10 DEGREES OF NORMAL TO INLET WALL. IF NECESSARY, PIPE ELBOW OR CURVED APPROACH ALIGNMENT SHOULD BE USED TO STAY WITHIN THIS LIMIT.
8. EXCAVATION AND BACKFILL WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO ITEM 701.10, "GRATE INLET."

SCALE: NOT TO SCALE

Marble Falls
TEXAS

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These documents were prepared by, or under the supervision of:

ERIC BELAJ | 107148 | May 31, 2017
Engineer's Name | PE# | Date

Engineer's Signature

SECTION
STORM DRAINAGE

DETAIL NO.
SD-3

TITLE
AREA INLET