GENERAL NOTES

1. ALL REINFORCING STEEL SHALL BE COATED DEFORMED BILLET STEEL BARS CONFORMING TO ASTM A 616 OR A 1001 AND IN 374M GRADE 60.
2. USE 63mm DIAM PIPE RISER UNLESS OTHERWISE SPECIFIED.
3. TYPE II CEMENT LOW ALKALI REQUIRED.
4. ALL LADDER RUNGS SHALL BE MADE FROM EPOXY-COATED 28M REBAR.
5. USE GRATING AND BEARING ANGLES AS DESCRIBED ON STANDARD DRAWING 1783.
6. CONCRETE DISPLACED BY PIPES SHALL BE DEDUCTED FROM QUANTITIES GIVEN IN THE APPROPRIATE TABLE.
7. IN ALL CASES CRATE SHALL BE ORIENTED WITH LONGITUDINAL AXIS PARALLEL TO MAJOR FLOW OF DITCH.
8. AN EARTH CRATE SHALL BE CONSTRUCTED AS PART OF DROP INLET, NO CRATE WILL BE REQUIRED FOR TYPE "C" DROP INLET.
9. NOT FOR USE WITH EITHER CORRUGATED POLYETHYLENE PIPE OR VITRIFIED CLAY PIPE.
10. A NOTE SHALL BE PLACED ON THE PLAN AND PROFILE SHEET CLEARLY DESCRIBING THE TYPE OF DROP INLET REQUIRED; THE RISER DIAMETER WHEN OTHER THAN 63MM DIAM, AND WHETHER OR NOT AN APPRIS IS REQUIRED AT THE APPROPRIATE STATION.
11. USE STRAIGHT 10M RISER AT 200MM CENITERS EXCEPT AS NOTED OTHERWISE, CUT AND FIELD BEND BARS WHERE NECESSARY TO CLEAN PIPE.

DESIGN DATA
MS 16 HS 28:41 OR INTERSTATE ALTERNATE LOADING IN ACCORDANCE WITH CURRENT AGI HT AND INTERSTATE SPECIFICATIONS.

\[
\begin{align*}
\sigma_c &= 18 \text{ MPa} \\
\sigma_b &= 160 \text{ MPa} \\
\sigma_y &= 8
\end{align*}
\]

QUANTITIES
(SEE TABLES)

DETAILS OF DROP INLET INTO PIPE CULVERT

DROP INLET TYPE "A"

DROP INLET TYPE "B"

DIKE APRON PLAN

PLAN

TYL LADDER RUNG DETAIL
(SEE DROP INLET TYPE "C" AND "D" TABLES)

ALL DIMENSIONS ARE SHOWN IN MILLIMETERS - UNLESS OTHERWISE NOTED.