PROJECT NUMBER

AASHTO M 330

W.D.T.

FILL HEIGHT

MAY BE NECESSARY.

ASTM F 949

STRUCTURAL CLASS II B2 (SIDE DRAIN)

CLASS II B2 (CORRUGATIONS).

CONCRETE TO THERMOPLASTIC SIDE DRAIN OR CROSS DRAIN CONNECTION ALTERNATES END SECTION METAL

CONNECTIONS.

CONNECTIONS SHOWN ABOVE FOR SIDE DRAIN ARE NOT PERMITTED FOR CONCRETE COLLARS ARE ALSO PERMITTED FOR SIDE DRAIN CONNECTIONS.

ALL CROSS DRAIN TYPES TO THERMOPLASTIC SIDE DRAIN CONNECTION THERMOPLASTIC PIPE TRENCH INSTALLATIONS

METAL TO THERMOPLASTIC SIDE DRAIN OR CROSS DRAIN CONNECTION ALTERNATES

SIDE DRAIN PIPES). FOR PLASTIC SIDE DRAIN CONNECTIONS TO SAFETY END SECTIONS, SEE THE SMOOTH TAPERED NOTE:

END

OF PIPE HIGHEST PART COLLAR

CL.A CONC.

STUB DRAIN-CROSS

(SEE GENERAL NOTE NO. 5)

8" THERMOPLASTIC PIPE MIN.

TO PROVIDE BEST FIT PLASTIC CORRUGATIONS EQUAL SPA.

CORRUGATIONS COMPLETE

MIN.

BE TRIMMED DOWN FOR THE AT LEFT, CORRUGATIONS MAY TOO LARGE FOR INSERT SHOWN TO SAFE END SECTION.

TO PROVIDE BEST FIT PLASTIC CORRUGATIONS.

END SECTION.

SHOP BOLTED TO DIMPLE METAL BAND

WILL BE OBTAINED AS UNCLASSIFIED EXCAVATION FOUNDATION BACKFILL MATERIAL TO BE USED IN 6" LAYERS TO THE TOP OF THE TRENCH BACKFILL TO BE MECHANICALLY COMPACTED (THE ENGINEER MAY SPECIFY 4" FOR 12"-24" PIPE TYP. IN SITU BEDDING)

MULTIPLE PIPE SPACING:

BACKFILL REQUIREMENT TABLES

PIPE TYPE

HDPE

PVC

PP

INITIAL BACKFILL & BEDDING QUANTITIES NOMINAL SIZE BACKFILL AND BEDDING QUANTITIES IN THE BACKFILL REQUIREMENT TABLES

INITIAL BACKFILL (FT /LF)

FOUNDATION BACKFILL (FT /LF)

SIDE DRAIN (DRIVEWAY) INSTALLATIONS

STORM DRAIN INSTALLATIONS

THERMOPLASTIC PIPE TRENCH INSTALLATIONS

F IN A L

EXCAVATED TRENCH WIDTH (MIN.)

(1.5 x O.D.) + 12" B A C K F I L L

EXCAVATION TIME PER UNIT

W.A.

W.A.

W.A.

W.A.