NOTES:

1. MAXIMUM INSERTION ANGLE SHALL NOT EXCEED REQUIREMENTS AS SPECIFIED BY THE MANUFACTURER.

2. SEE STANDARD DETAILS 200 SERIES FOR STRUCTURE CONNECTIONS, PRODUCT INFORMATION AND DIMENSIONAL PIPE DATA. INSTALLATION RECOMMENDATIONS ARE ALSO SPECIFIED IN TECHNICAL NOTE 5.04: CONNECTIONS TO MANHOLES AND STRUCTURES.

3. PERFORMANCE HIGHLY DEPENDENT ON INSTALLATION. CONTRACTOR MUST ENSURE MANHOLE GASKET IS UNIFORMLY SEATED AROUND STRUCTURE ADAPTER. EXTRA PRECAUTIONS MUST BE TAKEN TO PREVENT DIFFERENTIAL SETTLEMENT BETWEEN THE PIPE AND MANHOLE.

4. PIPE AT AND AROUND STRUCTURE CONNECTION TO BE INSTALLED PER ASTM 2321.

5. CARE SHOULD BE TAKEN TO KNIFE, OR SHOVEL BACKFILL MATERIAL UNDER AND AROUND HAUNCH AREA OF PIPE.

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ENSURE BACKFILL IS PLACED UNDER PIPE AND PROPERLY COMPACTED

FINISH GRADE

FIRST COUPLER SHOULD BE >18" (0.45m) FROM WALL OR BE ENCASED IN FLOWABLE FILL

VARIES

MANHOLE/STRUCTURE WALL

OUTSIDE DIAMETER OF PIPE

1 1/2 I.D. MIN.

1 1/2 I.D. MIN.

12" (0.3m) MIN.

FINISH GRADE

BEDDING

NATIVE SOIL

UNDISTURBED EARTH

CLASS I OR II BACKFILL PER ASTM D2321. COMPACTED IN 8" (0.2m) MAX. LIFTS TO A MIN. OF 90% MAX. STANDARD PROCTOR DENSITY

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