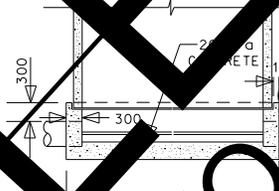
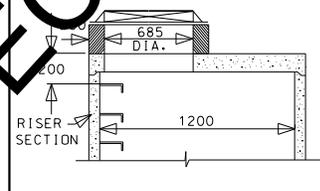


TYPE D
PRECAST SLAB BASE

ALTERNATIVES



TYPE B
CAST IN PLACE BASE



TYPE C
PRECAST FLAT TOP

FLEXIBLE JOINT 300mm FROM MAINTENANCE HOLE WALL, IN LIEU OF CONCRETE CRADLE.

TYPE D

APPROVED FLEXIBLE WATERTIGHT PIPE CONNECTOR IN MAINTENANCE HOLE OPENING IN LIEU OF CONCRETE CRADLE.

PIPE SUPPORT AT MAINTENANCE HOLE

TYPE E

NOTE

1. PRECAST MAINTENANCE HOLE SECTIONS TO CONFORM TO ASTM C-478, OPSS 1351.
2. SPECIAL BASE DESIGN REQUIRED FOR DEPTHS GREATER THAN 9.0 m.
3. FILL LIFTING HOLES AND PIPE CONNECTIONS WITH 1:3 NON SHRINK MORTAR MIX.
4. APPROVED ADJUSTMENT UNITS INSTALLED AS MANUFACTURERS INSTRUCTIONS.
5. USE ALTERNATIVE BASE, TOP, PIPE SUPPORT OR CONNECTOR, STEPS, FRAME AND COVER AND/OR BENCHING WHERE SPECIFIED.
6. FOR PVC PIPE USE TYPE D OR E PIPE SUPPORT ONLY.
7. FOR RIGID PIPE SUPPORT FROM MAINTENANCE HOLE TO FIRST JOINT WITH MIN. 20 MPa. CONCRETE CRADLE.
8. FOR 1500mm AND LARGER SEWERS PRECAST MAINTENANCE HOLE TEES ARE ACCEPTABLE (SEE STD. DWG. 2-1-3).
9. SAFETY GRATE WHERE REQUIRED. (SEE STD DWG. 2-2-1).
10. BENCHING TO BE CONSTRUCTED TO THE OVERT OF THE PIPE. (SEE STD DWG. 2-1-4).



PUBLIC WORKS
STANDARD DRAWING

REV. DATE: MAY 2014

REVISION NUMBER: FOR REVISION TRACKING REFER TO STD. DWG. 2-0-2

APPROVED BY

DRAWN BY

L.W.

STD. DWG. NUMBER

SCALE

2-1-1

N.T.S.

PRECAST MAINTENANCE HOLE
1200mm DIAMETER