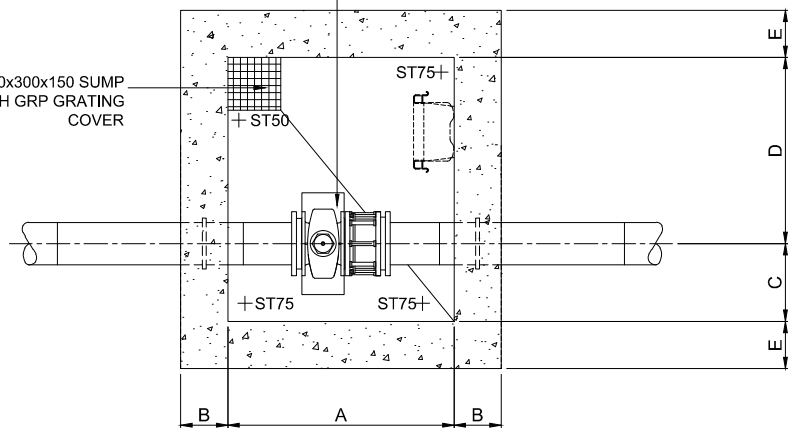
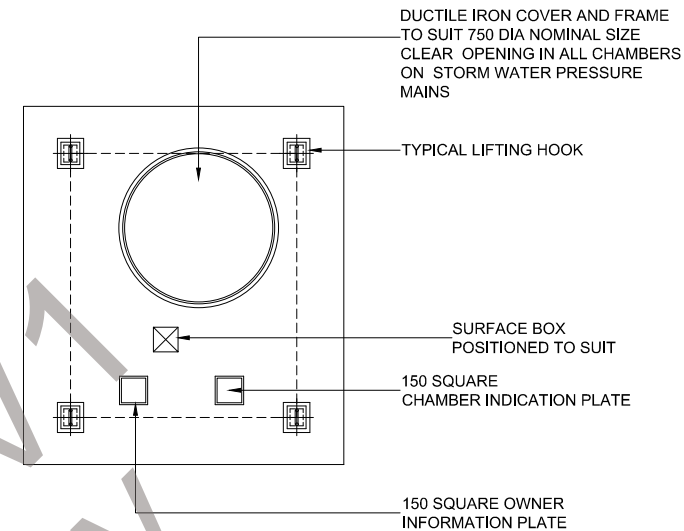


FOR PIPE SUPPORT
REFER TO DETAIL 'A'

300x300x150 SUMP
WITH GRP GRATING
COVER



SECTION A-A



PLAN AT COVER LEVEL

NOTES:

THESE DETAILS REPRESENT A MINIMUM REQUIREMENT AND MAY BE VARIED, SUBJECT TO APPROVAL, TO SUIT PROJECT REQUIREMENTS. THEY ARE EXPECTED TO BE INCORPORATED AS TYPICAL DETAILS WHICH SHALL BE CHECKED AND APPROVED AS PART OF THE PROJECT DRAWING SET.

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.

LEGEND

- GV - GATE VALVE
DI - DUCTILE IRON
GRP - GLASS REINFORCED PLASTIC
AL - ALUMINIUM
IPF - INTEGRAL PUDDLE FLANGE
DJ - DISMANTLING JOINT
FC - FLEXIBLE COUPLING

- GRouting
Grating
Reinforced
Cement concrete
Cement/sand
Screed
Blinding concrete
Soil compacted to 95% MDD

REFERENCE DRAWINGS AND DOCUMENTS

STANDARD DRAWING - TANKING DETAILS - 801

No. REVISIONS APP'D DATE

CLIENT

TITLE
STANDARD DRAWINGS
STORM WATER WORKS

DRAWING TITLE

TYPICAL DRAWING ISOLATION
VALVE CHAMBER GENERAL
ARRANGEMENTS (HDPE FITTINGS)

| | | | |
|-------------|---|----------|--------|
| DRAWN | - | SCALE | 1 : 50 |
| CHECKED | - | DATE | - |
| APPROVED | - | SIZE | A1 |
| PROJECT No. | - | DWG. No. | 406 |

CHAMFER 25x25

DUCTILE IRON COVER

AS SPECIFIED UV RESISTANCE
EPOXY COATING TO ALL
SURFACES ABOVE GROUND

FINISHED LEVEL OF
PAVED AREA (FL)

REINFORCED CONCRETE CLASS 'B'

TANKING MEMBRANE
AND PROTECTION BOARD

EXTENSION SPINDLE

PVC WATER STOP

CONSTRUCTION JOINT

STFA/SLFA

50mm THK. CEMENT/SAND SCREED

TANKING MEMBRANE

75mm THICK C20 BLINDING

1000 GAUGE POLYETHYLENE SHEET

SECTION B-B

UPPER AND LOWER
PADS PTFE 5mm
THK.

CONCRETE VALVE SUPPORT

STEEL PLATE WITH
FISHTAIL UNDER
THE FLANGES

GROUTING

STEEL PLATE
BOX OUT CASING

DETAIL A

| HDPE PIPE SIZE OD (mm) | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
|-----------------------------|-------------|-------------|-------------|-------------|-------------|
| 180 | 1500 | 250 | 390 | 1300 | 250 |
| 200 | 1500 | 250 | 400 | 1300 | 250 |
| 225 | 1500 | 250 | 400 | 1300 | 250 |
| 250 | 1500 | 300 | 450 | 1350 | 300 |
| 280 | 1500 | 300 | 450 | 1350 | 300 |
| 315 | 1500 | 300 | 500 | 1400 | 300 |
| 355 | 1500 | 300 | 600 | 1400 | 300 |
| 400 | 1500 | 300 | 800 | 1400 | 300 |
| 450 | 1800 | 300 | 850 | 1450 | 300 |
| 500 | 1800 | 300 | 900 | 1500 | 300 |
| 560 | 1800 | 300 | 900 | 1500 | 300 |
| 630 | 1800 | 350 | 1000 | 1600 | 350 |
| 710 | 1800 | 350 | 1100 | 1600 | 350 |