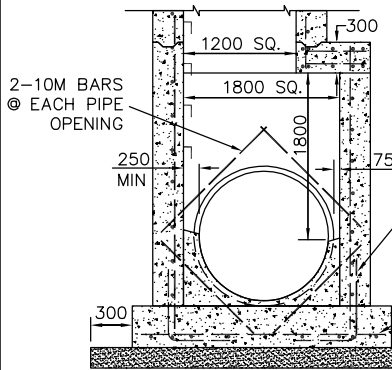
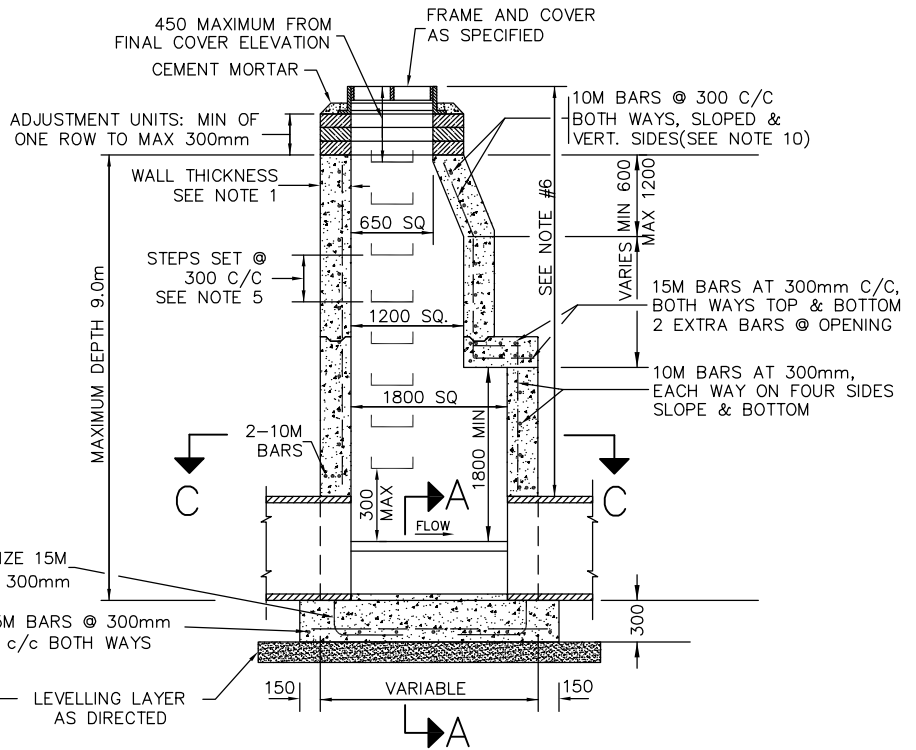


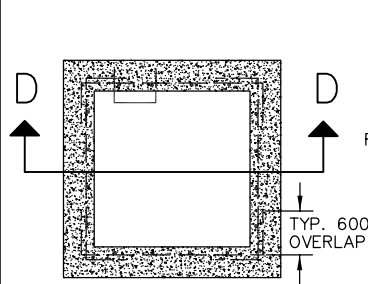
PLAN VIEW



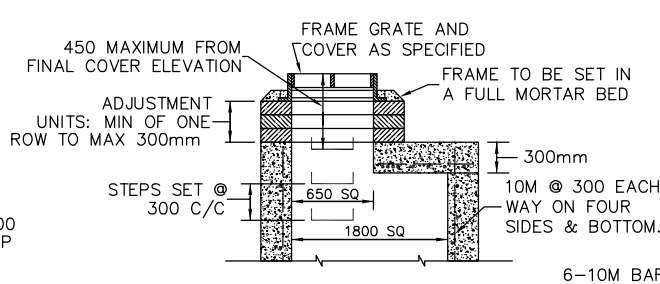
SECTION A - A



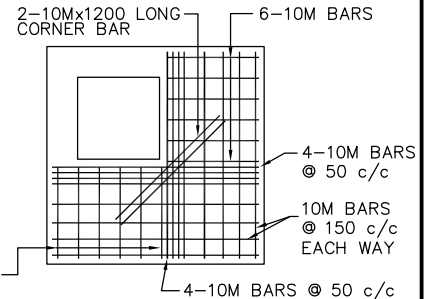
SECTION B - B



SECTION C - C



SECTION D - D



SLAB REINFORCING SCHEDULE

ALTERNATIVE FLAT TOP

NOTES:

1. WALL THICKNESS: 230 mm TO 4 m DEPTH, 300 mm FOR 4 m TO 9 m DEPTH, SPECIAL DESIGN FOR DEPTHS GREATER THAN 9 m.
2. CLASS OF CONCRETE: 32 MPa AT 28 DAYS. MINIMUM COVER TO REINFORCEMENT TO BE 50 mm.
3. ADJUSTMENT UNITS TO BE PARGED ON THE OUTSIDE WITH 1:3 NON-SHRINK MORTAR MIX, APPLIED 15 mm THICK.
4. STRUCTURES EXCEEDING 5 m IN DEPTH TO INCLUDE SAFETY GRATE AS PER GSSD-404.010
5. MAINTENANCE HOLE STEPS CIRCULAR HOLLOW ALUMINUM AS PER OPSD-405.010
6. ALTERNATIVE FLAT TOP SHALL BE USED WHEN THE DISTANCE FROM TOP OF PIPE TO FINISHED GRADE IS LESS THAN 2000 mm.
7. 600 mm DEEP SUMP TO BE CONSTRUCTED ON MHCB.
8. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
9. CONCRETE BENCHING: SLOPE 1:12 CLASS OF CONCRETE 20 MPa AT 28 DAYS.
10. TWO SEPARATE VERTICAL BARS HAVING A MINIMUM 600mm OVERLAP MAY BE USED IN LIEU OF THE ONE CONTINUOUS BENT VERTICAL BAR WHEN DIRECTED.
11. WHEN STRUCTURE IS TO ACT AS A MAINTENANCE CATCHBASIN, THE CONCRETE GUTTER SHALL END 900 mm ON EITHER SIDE OF THE MHCB WITH AN ASPHALT GUTTER BEING CONSTRUCTED FROM END OF CONCRETE GUTTER TO MHCB FRAME, AS PER GSSD-610.010.
12. FOR LARGER DIAMETER PIPE SEE GSSD-700.041
13. ADJUSTMENT UNITS TO BE SET IN 12 mm MORTAR MIX.



**CAST-IN-PLACE
MAINTENANCE HOLE OR
MAINTENANCE HOLE CATCHBASIN**
PIPE DIAMETER FROM 900 mm TO 1200 mm
1800 mm x 1800 mm
DEPTH 9.0 m MAXIMUM

DRAWN BY: STS/RF/SGI	REV No: 3
DATE: 2003-03-03	REV DATE: JAN/2013
SCALE: NTS	CAD/FILE No.: A1935-1 (1 OF 1)
APP'D:	GSSD-700.040

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