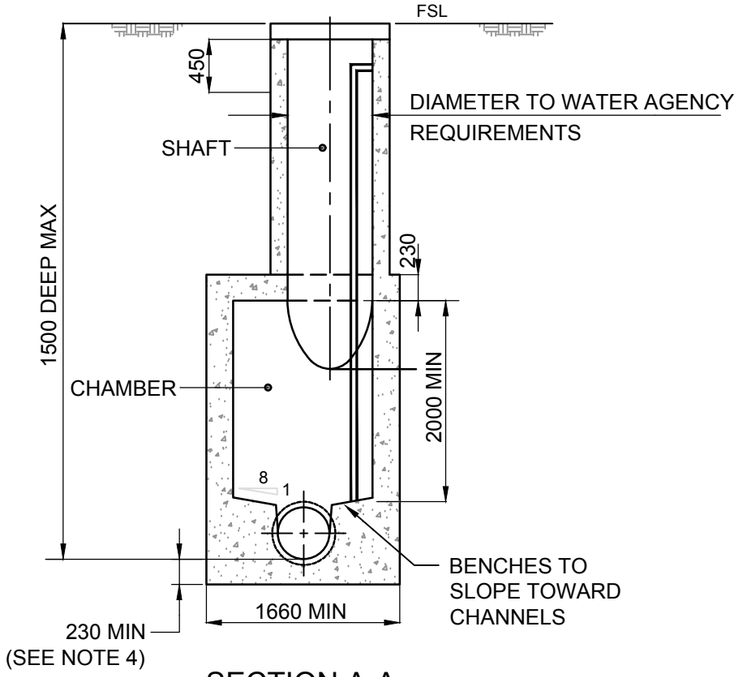
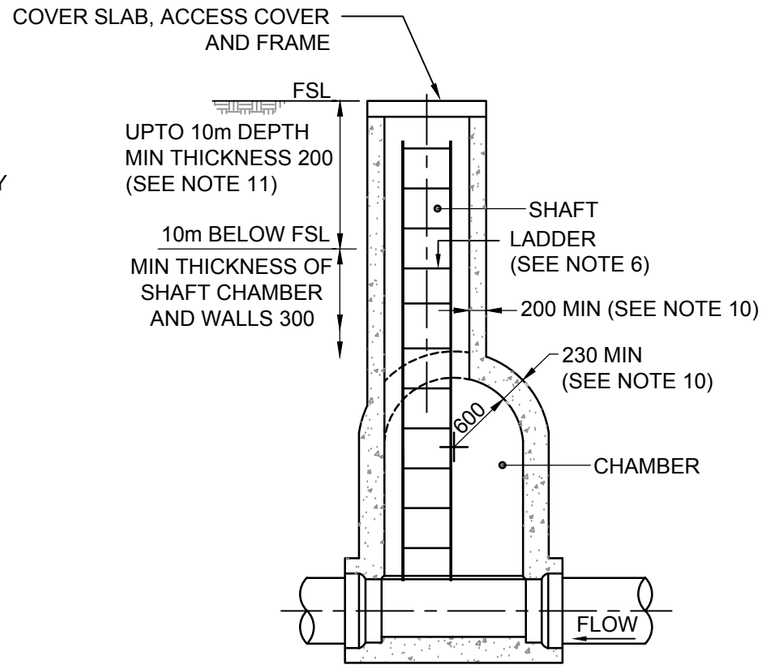


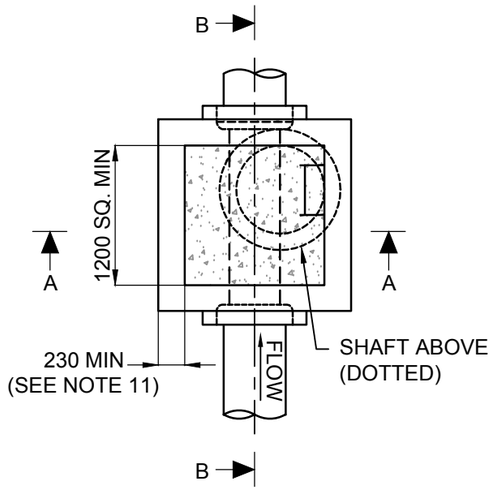
SECTION A-A



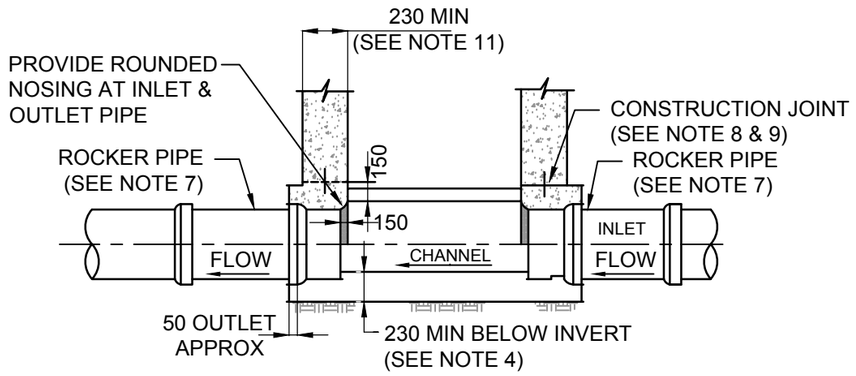
SECTION B-B

NOTES

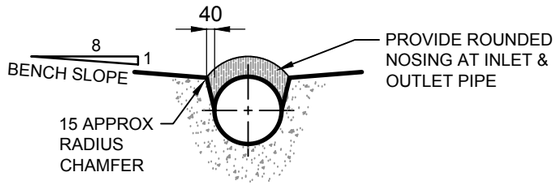
1. ALL DIMENSIONS IN MILLIMETERS.
2. LOCATION OF TYPE S1 MH TO BE AS SHOWN IN DESIGN DRAWINGS.
3. DETAILS OF DROPS AND CHANNEL INTERSECTIONS TO BE SHOWN ON DESIGN DRAWINGS.
3. CONCRETE TO BE SPECIAL CLASS AS PER WSA PS 358.
4. IN BAD OR WATERCHARGED GROUND CONDITIONS INCREASE BASE THICKNESS TO 300 MIN.
5. ALL BENCHES TO SLOPE TOWARDS CHANNEL. BENCH LEVEL TO BE APPROXIMATELY AT TOP OF INLET.
6. LOCATE LADDER IN STRAIGHT WALL TO ONE SIDE OF OUTLET.
7. FOR INSTALLATIONS OTHER THAN IN ROCK, SHALE OR VERY STIFF CLAY, INSTALL A ROCKER PIPE IMMEDIATELY UPSTREAM AND DOWNSTREAM OF THE MH TO ALLOW FOR MOVEMENT BETWEEN THE MH AND THE PIPELINE.
8. SCABBLE AND BRUSH CLEAN BASE JOINT THEN PRIME WITH CEMENT SLURRY IMMEDIATELY BEFORE PLACING CONCRETE.
9. INSERT WATERSTOP AT CONSTRUCTION JOINT.
10. DESIGN OF MH TO BE IN ACCORDANCE WITH AS3735. EXPOSURE CONDITION AS DEFINED IN AS3735 TO BE NOT LESS THAN CONDITION C AND SHOWN ON DESIGN DRAWING.
    - 300 MIN THICK CHAMBER AND SHAFT WALLS WHERE IN CONTACT WITH AGGRESSIVE SOILS.
    - CHAMBER WALLS AT BASE TO BE LOCALLY THICKENED TO ENSURE CAST IN-SITU SOCKETS ARE FULLY SUPPORTED.
11. WHERE EXCAVATION FOR A MH EXTENDS BEYOND THE NEAT LINES OF STRUCTURE (i.e. OPEN CUT TRENCH CONSTRUCTION METHOD) PROVIDE ANY PIPELINE WITHIN THE OVER-EXCAVATED AREA WITH SPECIAL SUPPORT (e.g. SAND/CEMENT ENCASEMENT).
12. METHOD OF BACKFILL AND COMPACTION AROUND MH TO BE GENERALLY AS FOR TRENCHES. PLACE FILL EVENLY AROUND THE MH SHAFT TO AVOID UNBALANCED LATERAL LOADING.
13. REINFORCEMENT TO BE AS DETAILED IN DESIGN DRAWINGS.
14. CONSTRUCTION DETAILS e.g. CONCRETE THICKNESS, REINFORCEMENT, HORIZONTAL AND VERTICAL ALIGNMENT TO BE SHOWN ON DESIGN DRAWING.



PLAN



BASE DETAILS



TYPICAL CHANNEL SECTION
(SEE NOTE 5)

MAINTENANCE HOLE
TYPE 'S1'

Armidale Regional Council — Dept of Public Infrastructure

SCALES: NTS

APPROVED: D. MAUNDER, MANAGER ENGINEERING AND STANDARDS SUPPORT — DATE: 31/08/2016

SHEET 1 OF 1

SEWER MAINTENANCE HOLES
DEPTH TO INVERT 6m TO 15m

SURV
DRWN VC
DES
CHKD MW

AS SHEET SIZE: A3

DRAWING No: 010-030

AMDT No:

CADFILE 010-030.dwg

DATE 31/08/2016