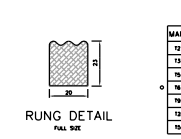
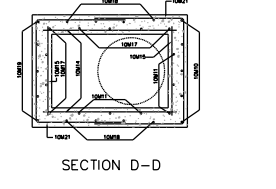
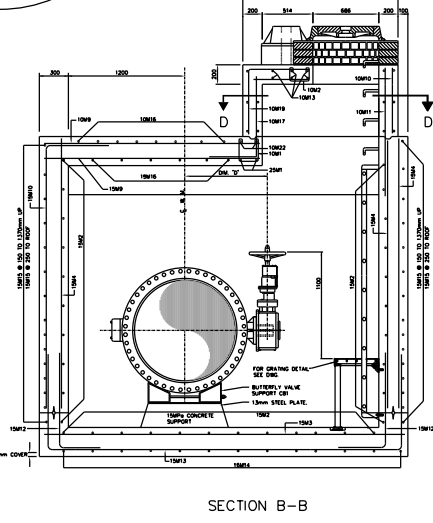
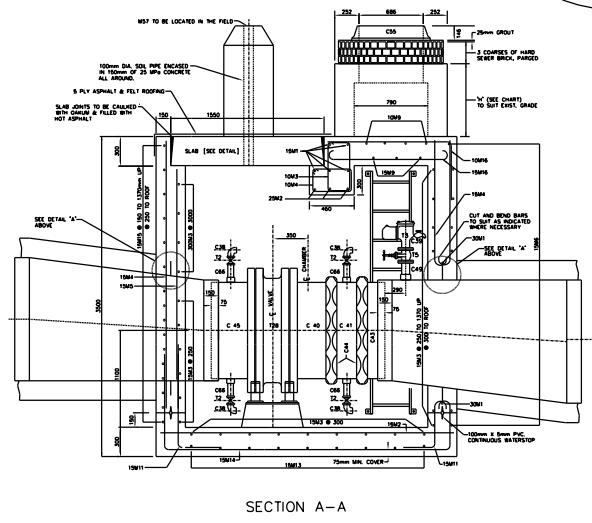


CHAMBER No.	Dim. 'A'	Dim. 'B'	Dim. 'C'	Dim. 'D'	Dim. 'E'

- NOTES:
- 25MPa CONCRETE TO BE USED EXCEPT AS NOTED.
 - MAXIMUM SIZE OF COARSE AGGREGATE TO BE 20mm
 - COVER TO MAIN REINFORCEMENT TO BE 50mm OR AS INDICATED.
 - ALL BAR DIMENSIONS ARE OUT TO OUT.
 - BARs TO BE BENT COLD, MINIMUM INSIDE RADIUS TO 4 DIAMETERS.
 - ALL CROSSING BARS TO BE WELL WIRED.
 - ALL REINFORCING STEEL TO BE DEFORMED BULLET-STEEL BARS GRADE 350, CONFORMING TO C.S.A. STANDARD C308.12M.
 - ALL LAPS IN REINFORCING STEEL TO BE AT LEAST 30 DIAMETERS IN LENGTH OR AS SHOWN, AND TO BE STAGGERED.
 - ALL BRICKWORK TO BE OF HIGH QUALITY HARD BROWN BRICK, LAD IN FULL MORTAR BED AND JOINTS, FARGED INSIDE AND OUT.
 - WATERSTOP (PVC) TO BE PROVIDED AT ALL CONSTRUCTION JOINTS.
 - WHERE NECESSARY ADJUST REINFORCING STEEL TO SUIT WATERSTOPs AND OPENINGS.
 - PROVIDE SUMP PIT WITH GRATING AND SLOPE FLOOR TO SUMP 10mm/METRE.
 - DRAIN OUTLET TO BE LOCATED AT NEAREST POINT TO EXISTING SEWER IF ELEVATION OF SEWER IS HIGHER THAN CHAMBER FLOOR THE DRAIN MAY BE CLAMPED TO THE WALL BY AN APPROVED METHOD, IF NO SEWER IS AVAILABLE DELETE DRAIN TYPE 'A' AND CONSTRUCT DRAIN TYPE 'B' AND INSTALL PIPE WITH STOPPER AS SHOWN ON Dwg.
 - DRAIN CONNECTION TO SEWER TO BE MADE BY CONTRACTOR UNLESS OTHERWISE STATED IN THE GENERAL SPECIFICATIONS.
 - LADDERS, GRATINGs AND RAILINGs TO BE ALUMINUM AND OF REMOVABLE TYPE WITH STAINLESS STEEL BOLTS.
 - TOP TWO STEPS AND ANY ADDITIONAL STEPS IN THE CHIMNEY TO BE OF THE REMOVABLE TYPE.
 - CHAMBERS DEEPER THAN 1200mm FROM SURFACE ELEVATION TO TOP OF VALVE OPERATING SPINDLE SHALL HAVE EXTENSION SPINDLE AND GUIDE BRACKET.
 - ALL ALUMINUM SURFACES CONTACTING CONCRETE TO RECEIVE ONE COAT OF BITUMINOUS PAINT.
 - 'X' DEPENDS ON HEIGHT (H) & BARS SHALL BE COUNTED TO ENSURE THAT THE BOTTOM BAR IS LESS THAN 150mm ABOVE THE ROOF CHAMBER.

BENDING SCHEDULE

BAR No.	DA	TOTAL LENGTH	a	b	c	d	e	SHAPE	O.C.	No. REQ'D
1001	16	300	250	250	250			1	300	4
1002	16	750	250	250	250			1	300	4
1003	16	1640	530	230	230	230		1	300	18
1004	16	1360	300	230	300	230		1	300	12
1005	16	770	500	230	230			AS SHOWN	16	8
1006	16	1420	1000	230	230			AS SHOWN	8	8
1007	16	1000	1000					AS SHOWN	3	3
1008	16	3300						3300	3	3
1009	16	1000						1000	3	3
1010	16	1000						1000	3	3
1011	16	1000						1000	3	3
1012	16	1000						1000	3	3
1013	16	1000						1000	3	3
1014	16	1000						1000	3	3
1015	16	1000						1000	3	3
1016	16	1000						1000	3	3
1017	16	1000						1000	3	3
1018	16	1000						1000	3	3
1019	16	1000						1000	3	3
1020	16	1000						1000	3	3
1021	16	1000						1000	3	3
1022	16	1000						1000	3	3
1023	16	1000						1000	3	3
1024	16	1000						1000	3	3
1025	16	1000						1000	3	3
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1105	16	1000						1000	3	3
1106	16	1000						1000	3	3
1107	16	1000						1000	3	3
1108	16	1000						1000	3	3
1109	16	1000						1000	3	3
1110	16	1000						1000	3	3



CHAMBERS

CHAMBER No.	DAMAGE (mm)	ELEVATION (m)	DEPTH (m)	DIFFERENCE IN ELEV. (m)	COVER LOCATION	DRAIN TYPE	FLOW DIRECTION	FOR LOCATION REFER TO PLAN No.	REMARKS

ALL DIMENSIONS SHOWN HERE ARE IN MILLIMETRES UNLESS OTHERWISE NOTED

MATERIAL LIST

MARK	SUPPLIED BY CONTRACTOR	MARK	SUPPLIED BY CONTRACTOR
12	4-100mm BALL W/ SS BODY/VAL. TYPON	C40	1-100mm FABRICATED S.S. FL-VAL. CONNECTION
13	1-100mm WELDED W/ STEEL BR. VAL. (FLD)	C41	1-100mm FABRICATED S.S. VCT. TO VCT. BRACK.
14	1-100mm GATE VALVE. AREA CSD (PLANGED)	C42	1-100mm FABRICATED S.S. VCT. VALVE CONNECTION
15	1-100mm BACKWATER CHECK VALVE	C43	1-100mm VCT. COUPLING. STEEL4. SHORDED.
16	CENTRE PLUG FOR CHAMBER COVER	C44	1-100mm FABRICATED S.S. FLANGE ASSEMBLY
17	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C45	2-100mm HOR. BUTTERFLY VALVE COVER PLATE
18	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C46	1-100mm HOR. BUTTERFLY VALVE COVER PLATE
19	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C47	1-100mm HOR. BUTTERFLY VALVE COVER PLATE
20	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C48	1-100mm HOR. BUTTERFLY VALVE COVER PLATE
21	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C49	1-100mm HOR. BUTTERFLY VALVE COVER PLATE
22	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C50	1-100mm HOR. BUTTERFLY VALVE COVER PLATE
23	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C51	1-100mm HOR. BUTTERFLY VALVE COVER PLATE
24	1-100mm HOR. BUTTERFLY VALVE AREA CSD	C52	1-100mm HOR. BUTTERFLY VALVE COVER PLATE