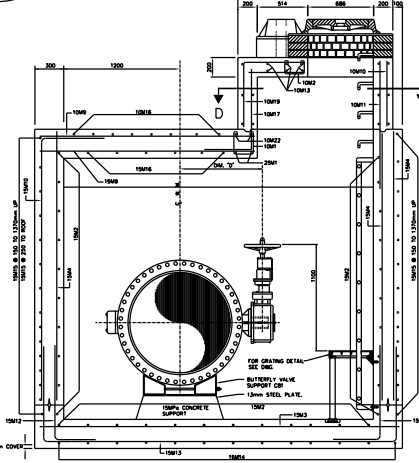
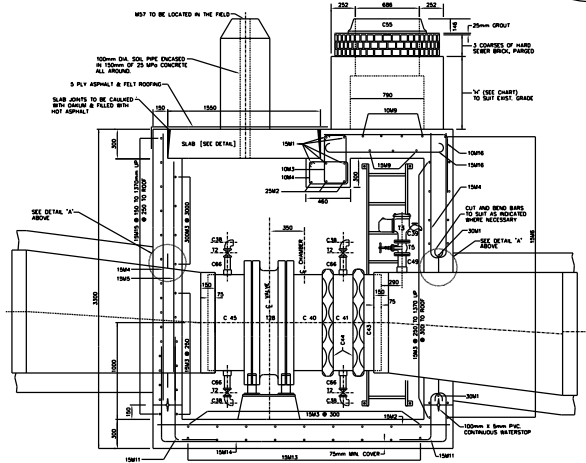
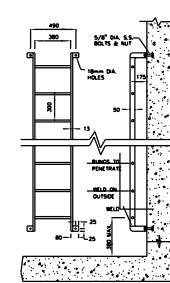
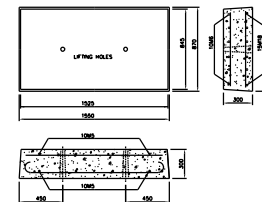
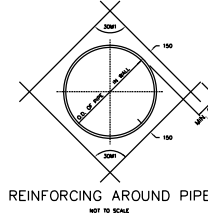
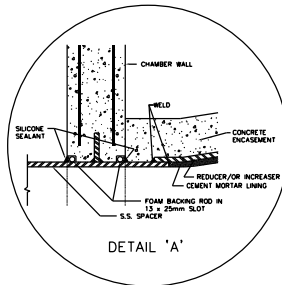
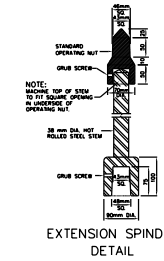
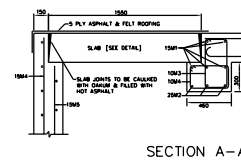
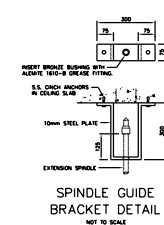
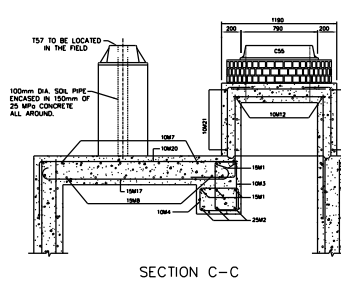
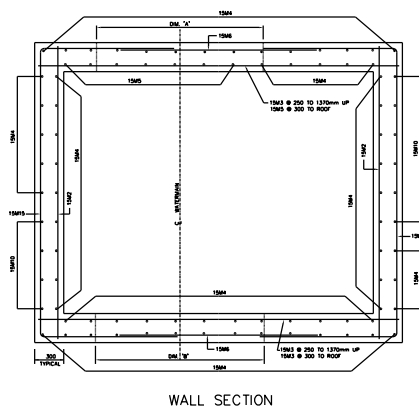
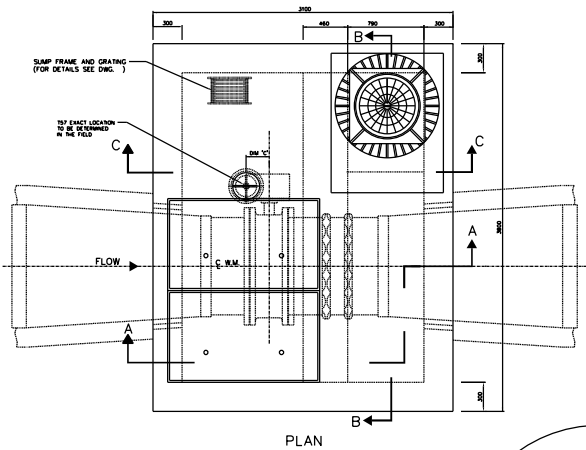


- NOTES:
- 25MPa CONCRETE TO BE USED EXCEPT AS NOTED.
 - MAXIMUM SIZE OF COARSE AGGREGATE TO BE 20mm.
 - COVER TO MAIN REINFORCEMENT TO BE 50mm OR AS INDICATED.
 - ALL BAR DIMENSIONS ARE OUT TO OUT.
 - BARS TO BE BENT COLD, MINIMUM INSIDE RADIUS TO 4 DIAMETERS.
 - ALL CROSSING BARS TO BE WELL WELD.
 - ALL REINFORCING STEEL TO BE DEFORMED BILLET-STEEL BARS GRADE 350, CONFORMING TO U.S.A. STANDARD A305/13M.
 - 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 SEWER BRICK, LAID IN FULL MORTAR BED AND JOINTS, PARGED 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 GULLET 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' DIMENSIONS 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.	BAR DIA.	TOTAL LENGTH	A	B	C	D	E	SHAPE	BAR NO.
10M1	10	100	200	200	200	200	200	200	10M2
10M2	10	100	200	200	200	200	200	200	10M3
10M3	10	100	200	200	200	200	200	200	10M4
10M4	10	100	200	200	200	200	200	200	10M5
10M5	10	100	200	200	200	200	200	200	10M6
10M6	10	100	200	200	200	200	200	200	10M7
10M7	10	100	200	200	200	200	200	200	10M8
10M8	10	100	200	200	200	200	200	200	10M9
10M9	10	100	200	200	200	200	200	200	10M10
10M10	10	100	200	200	200	200	200	200	10M11
10M11	10	100	200	200	200	200	200	200	10M12
10M12	10	100	200	200	200	200	200	200	10M13
10M13	10	100	200	200	200	200	200	200	10M14
10M14	10	100	200	200	200	200	200	200	10M15
10M15	10	100	200	200	200	200	200	200	10M16
10M16	10	100	200	200	200	200	200	200	10M17
10M17	10	100	200	200	200	200	200	200	10M18
10M18	10	100	200	200	200	200	200	200	10M19
10M19	10	100	200	200	200	200	200	200	10M20
10M20	10	100	200	200	200	200	200	200	10M21
10M21	10	100	200	200	200	200	200	200	10M22
10M22	10	100	200	200	200	200	200	200	10M23
10M23	10	100	200	200	200	200	200	200	10M24
10M24	10	100	200	200	200	200	200	200	10M25
10M25	10	100	200	200	200	200	200	200	10M26
10M26	10	100	200	200	200	200	200	200	10M27
10M27	10	100	200	200	200	200	200	200	10M28
10M28	10	100	200	200	200	200	200	200	10M29
10M29	10	100	200	200	200	200	200	200	10M30
10M30	10	100	200	200	200	200	200	200	10M31
10M31	10	100	200	200	200	200	200	200	10M32
10M32	10	100	200	200	200	200	200	200	10M33
10M33	10	100	200	200	200	200	200	200	10M34
10M34	10	100	200	200	200	200	200	200	10M35
10M35	10	100	200	200	200	200	200	200	10M36
10M36	10	100	200	200	200	200	200	200	10M37
10M37	10	100	200	200	200	200	200	200	10M38
10M38	10	100	200	200	200	200	200	200	10M39
10M39	10	100	200	200	200	200	200	200	10M40
10M40	10	100	200	200	200	200	200	200	10M41
10M41	10	100	200	200	200	200	200	200	10M42
10M42	10	100	200	200	200	200	200	200	10M43
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10M86	10	100	200	200	200	200	200	200	10M87
10M87	10	100	200	200	200	200	200	200	10M88
10M88	10	100	200	200	200	200	200	200	10M89
10M89	10	100	200	200	200	200	200	200	10M90
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10M92	10	100	200	200	200	200	200	200	10M93
10M93	10	100	200	200	200	200	200	200	10M94
10M94	10	100	200	200	200	200	200	200	10M95
10M95	10	100	200	200	200	200	200	200	10M96
10M96	10	100	200	200	200	200	200	200	10M97
10M97	10	100	200	200	200	200	200	200	10M98
10M98	10	100	200	200	200	200	200	200	10M99
10M99	10	100	200	200	200	200	200	200	10M100

MATERIAL LIST									
MAINS SUPPLIED BY CONTRACTOR					MAINS SUPPLIED BY CONTRACTOR				
12	4-100mm DIA. V.L. IS BODY/VAL. RETURN SEAL	13	1-100mm VENTURIM RBN STEEL AIR VALVE (PUS)	14	1-100mm GATE VALVE (FLANGED)	15	1-100mm BUTTERFLY VALVE ASSEMBLY	16	1-100mm BUTTERFLY VALVE ASSEMBLY
17	1-100mm BUTTERFLY VALVE ASSEMBLY	18	1-100mm BUTTERFLY VALVE ASSEMBLY	19	1-100mm BUTTERFLY VALVE ASSEMBLY	20	1-100mm BUTTERFLY VALVE ASSEMBLY	21	1-100mm BUTTERFLY VALVE ASSEMBLY
22	1-100mm BUTTERFLY VALVE ASSEMBLY	23	1-100mm BUTTERFLY VALVE ASSEMBLY	24	1-100mm BUTTERFLY VALVE ASSEMBLY	25	1-100mm BUTTERFLY VALVE ASSEMBLY	26	1-100mm BUTTERFLY VALVE ASSEMBLY
27	1-100mm BUTTERFLY VALVE ASSEMBLY	28	1-100mm BUTTERFLY VALVE ASSEMBLY	29	1-100mm BUTTERFLY VALVE ASSEMBLY	30	1-100mm BUTTERFLY VALVE ASSEMBLY	31	1-100mm BUTTERFLY VALVE ASSEMBLY
32	1-100mm BUTTERFLY VALVE ASSEMBLY	33	1-100mm BUTTERFLY VALVE ASSEMBLY	34	1-100mm BUTTERFLY VALVE ASSEMBLY	35	1-100mm BUTTERFLY VALVE ASSEMBLY	36	1-100mm BUTTERFLY VALVE ASSEMBLY
37	1-100mm BUTTERFLY VALVE ASSEMBLY	38	1-100mm BUTTERFLY VALVE ASSEMBLY	39	1-100mm BUTTERFLY VALVE ASSEMBLY	40	1-100mm BUTTERFLY VALVE ASSEMBLY	41	1-100mm BUTTERFLY VALVE ASSEMBLY
42	1-100mm BUTTERFLY VALVE ASSEMBLY	43	1-100mm BUTTERFLY VALVE ASSEMBLY	44	1-100mm BUTTERFLY VALVE ASSEMBLY	45	1-100mm BUTTERFLY VALVE ASSEMBLY	46	1-100mm BUTTERFLY VALVE ASSEMBLY
47	1-100mm BUTTERFLY VALVE ASSEMBLY	48	1-100mm BUTTERFLY VALVE ASSEMBLY	49	1-100mm BUTTERFLY VALVE ASSEMBLY	50	1-100mm BUTTERFLY VALVE ASSEMBLY	51	1-100mm BUTTERFLY VALVE ASSEMBLY
52	1-100mm BUTTERFLY VALVE ASSEMBLY	53	1-100mm BUTTERFLY VALVE ASSEMBLY	54	1-100mm BUTTERFLY VALVE ASSEMBLY	55	1-100mm BUTTERFLY VALVE ASSEMBLY	56	1-100mm BUTTERFLY VALVE ASSEMBLY