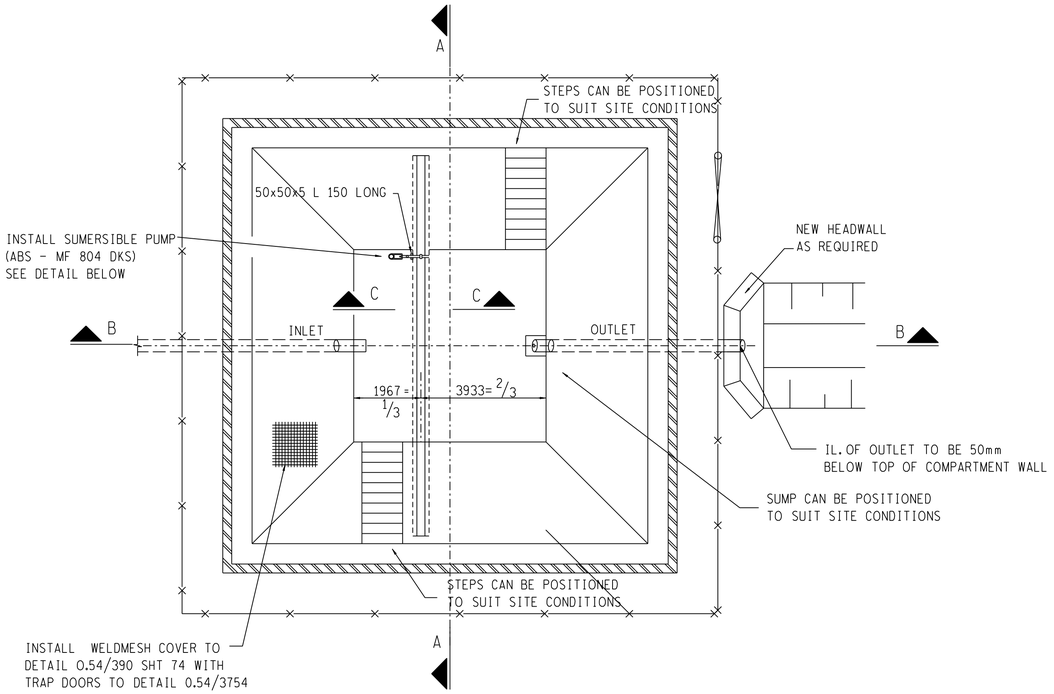
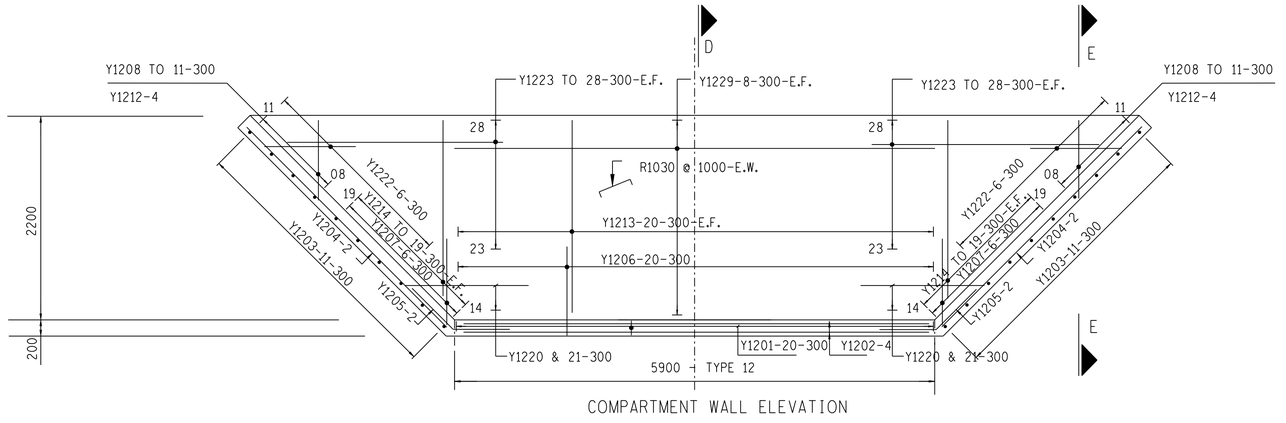


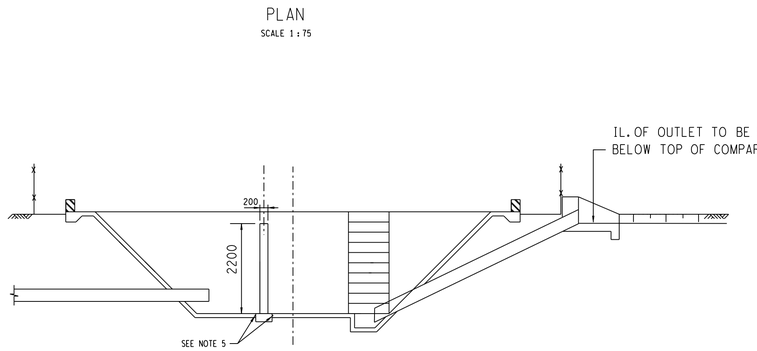
PLAN

SCALE 1 : 75



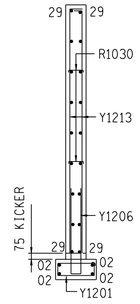
COMPARTMENT WALL ELEVATION

SCALE 1 : 50



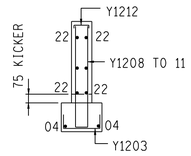
SECTION B - B

SCALE 1 : 75



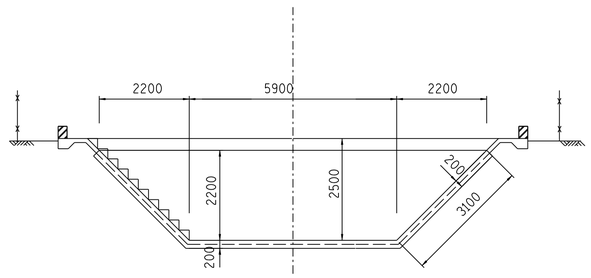
SECTION D - D

SCALE 1 : 30



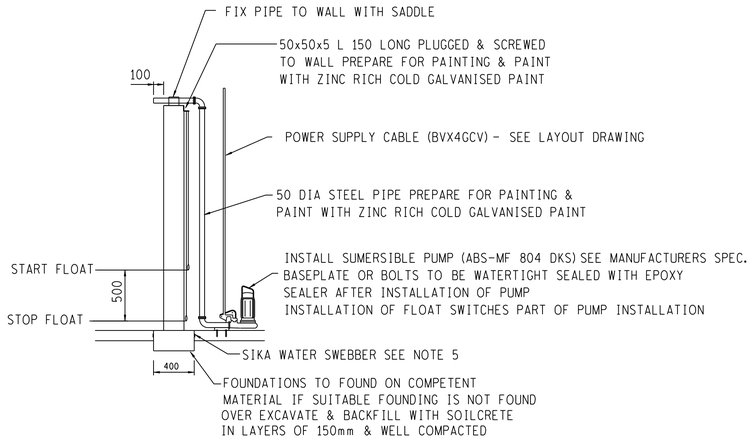
SECTION E - E

SCALE 1 : 30



SECTION A - A

SCALE 1 : 75



SECTION C - C

SCALE 1 : 30

ITEM AND No OFF	BARS							SHAPE CODE	STANDARD SHAPES BENDING DIMENSIONS mm					
	Y or R	DIA.	MK.	No OFF PER ITEM	No OFF TOTAL	CUTTING LENGTH mm	TOTAL LENGTH m		A	B	C	D	E	R
TOTALS FOR	Y	12	01	20		1150		60	120	320				
	Y	12	02	4		6000		20	6000					
	Y	12	03	22		650		38	170	320				
	Y	12	04	4		3150		20	3150					
	Y	12	05	4		1500		62	750	530				
	Y	12	06	20		1950		38	940	120				
	Y	12	07	12		2150		38	1030	120				
	Y	12	08	2		2100		38	1020	120				
	Y	12	09	2		1650		38	800	120				
	Y	12	10	2		1250		38	590	120				
	Y	12	11	2		850		38	380	120				
	Y	12	12	8		400		35	160					
	Y	12	13	40		2150		37	160					
	Y	12	14	4		2050		37	160					
	Y	12	15	4		1800		37	160					
	Y	12	16	4		1600		37	160					
	Y	12	17	4		1400		37	160					
	Y	12	18	4		1200		37	160					
	Y	12	19	4		1000		37	160					
	Y	12	20	2		2100		38	1030	95				
	Y	12	21	2		2550		38	1250	95				
	Y	12	22	12		2100		38	1030	95				
	Y	12	23	4		1150		20	1150					
	Y	12	24	4		1350		20	1350					
	Y	12	25	4		1550		20	1550					
	Y	12	26	4		1750		20	1750					
	Y	12	27	4		1950		20	1950					
	Y	12	28	4		2150		20	2150					
	Y	12	29	16		6000		20	6000					
	R	10	30	15		350		35	120					

NOTES

1. CONCRETE STRENGHT AT 28 DAYS/STONE SIZE : 25MPa/19
2. MIN. CONCRETE COVER TO REINFORCEMENT = 40mm
3. CONCRETE TO HAVE WOOD FLOAT FINISH
4. IF TRANSFORMERS TRIP SUMERSIBLE PUMP TO BECOME INOPERABLE
5. SIKA WATER SWEBBER TYPE GENERAL PURPOSE WS2005 EXPANDABLE PRE - FORMED JOINT SEALING WATER STOP TO MANUFACTURES SPEC

REF	DESCRIPTION
390 SH 74	MESH COVER
5664	JOINT DETAILS
3754	DAM DETAILS
0.54/	REFERENCE DRAWINGS

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
1	SECTIONS DETAIL CHANGED, NOTE ON OUTLET ADDED	DJC.S.	DBJN.	DJC.S.	24.04.09

DESIGN APPROVED DJC.Senekal
DATE 31.03.09
DESIGN CHECKED DBJNAUDE
DATE 26.03.09
DRAWN BY SJMOLALANE
DATE 25.03.09
SCALE AS SHOWN

Eskom Transmission

TRANSFORMER OIL HOLDING DAM

COMPARTMENT WALL DETAIL FOR TYPE 12 DAM

0.54/6084

SHEET NUMBER 3 | REVISION 1

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