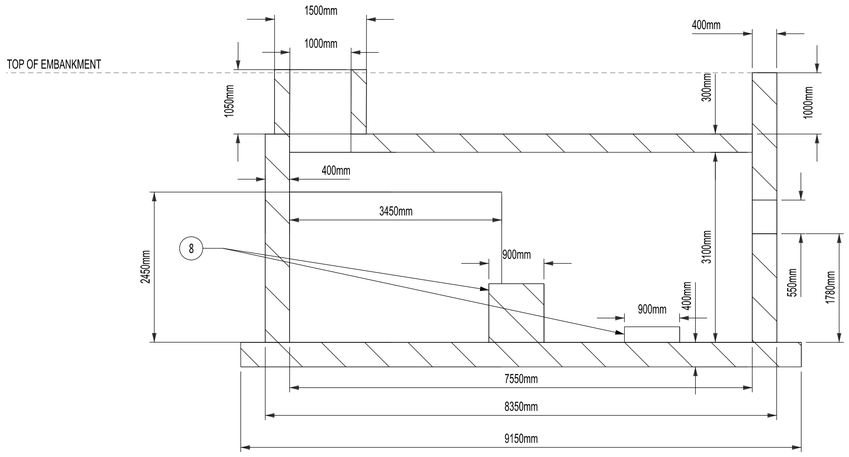
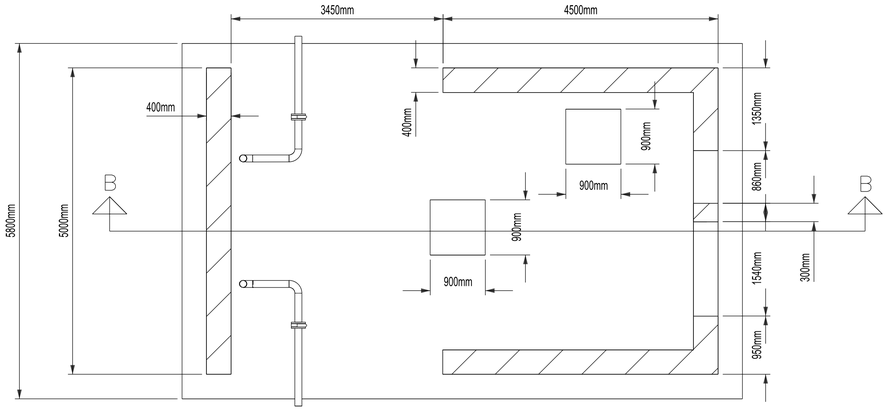
CONCEPT DESIGN OF THE HARDENDED WATER STORAGE TANKS

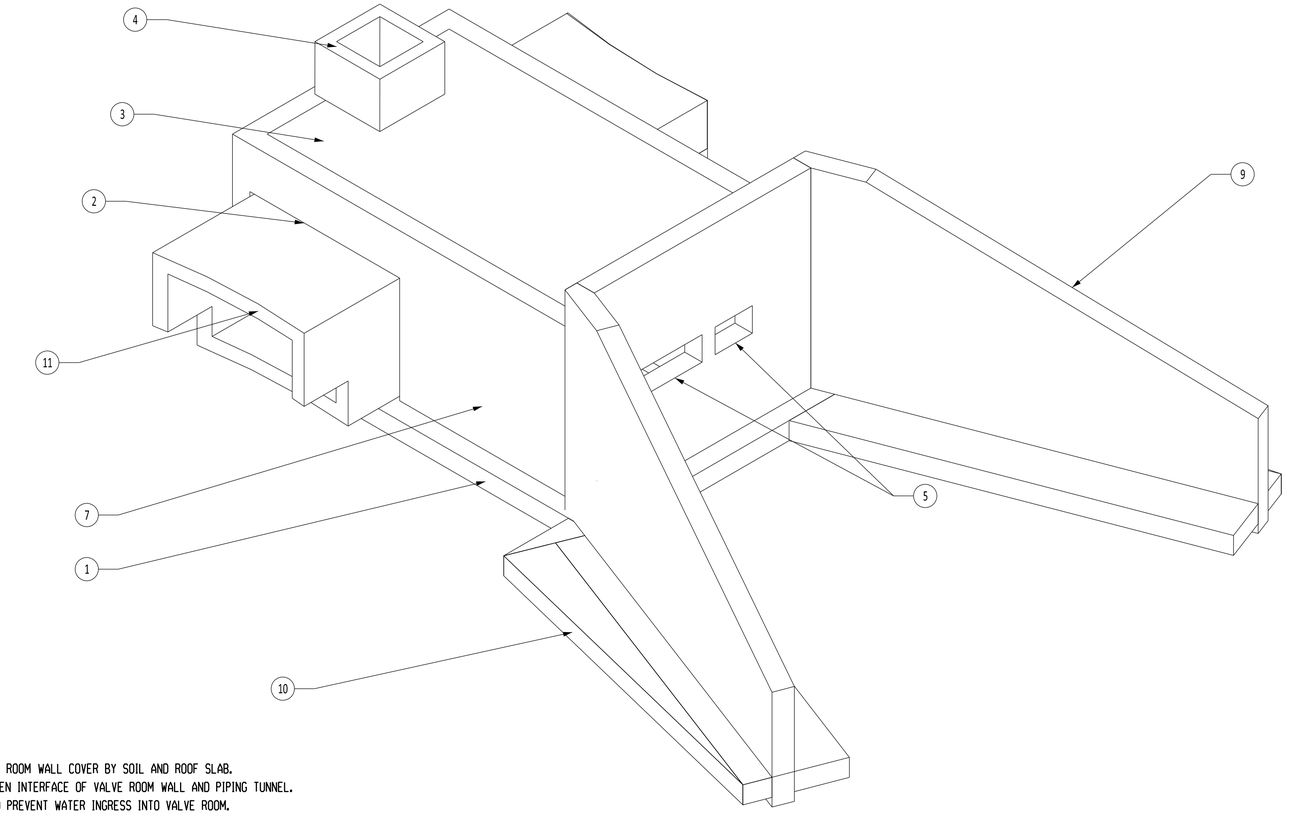
Item	Qty	Description
1	1	VALVE ROOM BASE SLAB / FOUNDATION
2	2	TUNNEL OPENING
3	1	ROOF
4	1	PERSONAL AND EQUIPTMENT ACCESS HATCH
5	2	PUMP VLAVES ACCESS HATCH
6	2	TANK ROOF
7	1	WALLS
8	2	STUB COLUMN
9	2	WING WALL
10	2	WING WALL FOUNDATION
11	2	PIPING TUNNEL



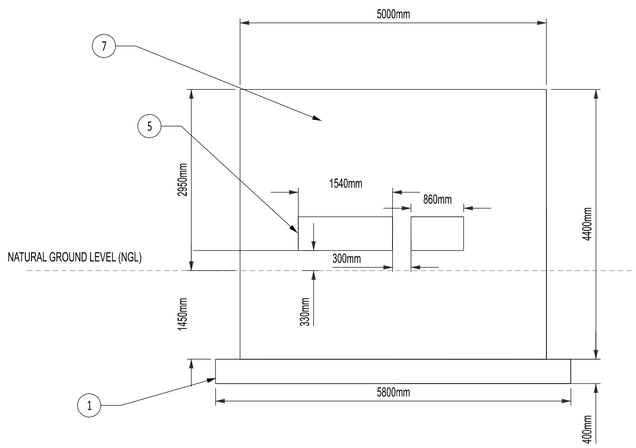
SECTION B–B



PLAN VIEW



ISOMATRIC VIEW



FRONT VIEW

NOTE:
1. WATER PROOFING TO BE APPLIED ON VALVE ROOM WALL COVER BY SOIL AND ROOF SLAB.
2. MOVEMENT JOINT TO BE INSTALLED BETWEEN INTERFACE OF VALVE ROOM WALL AND PIPING TUNNEL.
3. MOVEMENT JOINT TO BE WATER PROOF AND PREVENT WATER INGRESS INTO VALVE ROOM.
4. THE EXACT POSITION AND HIGHT OF THE STUB COLUMN TO BE CONFIMED AT LATER STAGE.
5. LAYERWORK BELOW THE VALVE ROOM TO BE AS PER SECTION A-A, SHEET 5
6. REFER TO SHEET 8 OF 8 _ KBA XXX XXX FOR PIPING TUNNEL (11) AND WIND WALL DETAIL (9 & 10).

D.O.	REV	DATE	•• REVISION •• / INDEX REFERENCE :	REV BY	CHKD BY	AUTH BY	REFERENCE DRAWINGS
31	--	.....		---	---	---	

ALLOCATION CENTRE 31.46	Eskom	KOEBERG NUCLEAR POWER STATION	
CONTRACTOR	MICRO 0914E011007-01	HARDENED WATER RESERVOIR (MOD 12008) VALVE ROOM LAYOUT AND DETAIL	
CONTRACTOR NO			
CHKD			
DWG ---	APPROVED	DOC NO XX KBA 12 XXX	SHEET 6 OF 8 / REVISION 1
SCALE N.T.S.			

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SIZE GROOTTE A1