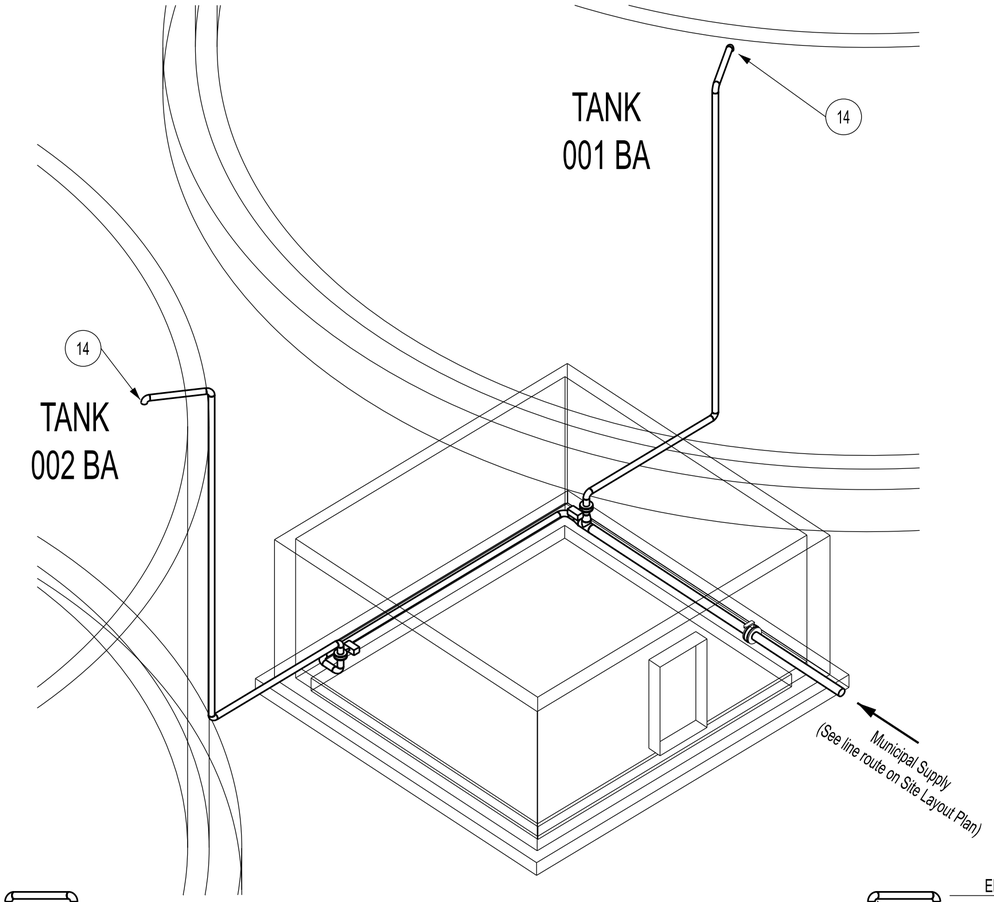
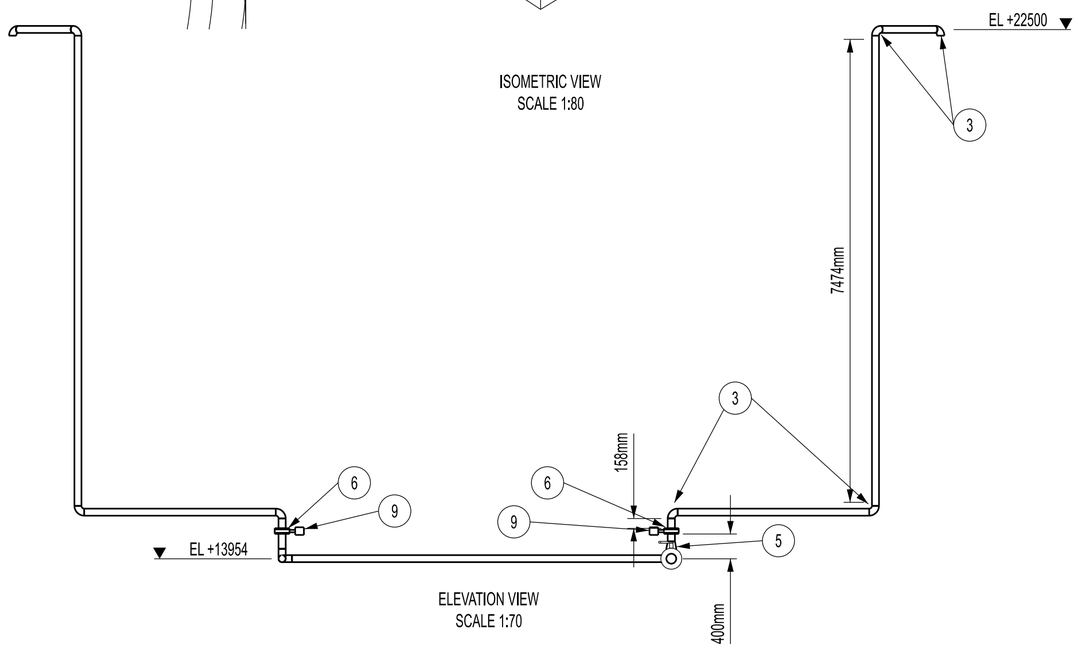
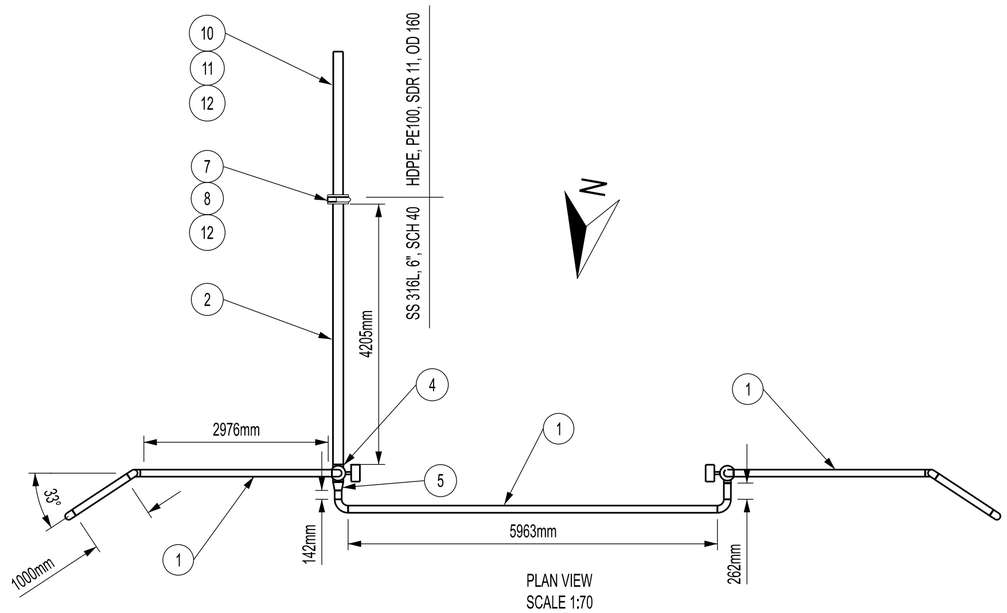
Item	Description	Qty	Material	Designation
1	Straight Pipe 4" Sch 40S (Wld or Smls)	30 m	A-312 Gr. TP316L	ASME B36.19
2	Straight Pipe 6" Sch 40S (Wld or Smls)	6 m	A-312 Gr. TP316L	ASME B36.19
3	Elbow 4" Sch 40 - LB - 90°	11	A403 Gr. WP316L	ASME B16.9
4	Equal Tee - 6" - Sch 40	1	A403 Gr. WP316L	ASME B16.9
5	Reducer 6" x 4" Sch 40 - Concentric	2	A403 Gr. WP316L	ASME B16.9
6	Flange 4" - WN - Class 150 (Including Bolting)	6	A182 Gr. F316L	ASME B16.5
7	Flange 6" - WN - Class 150 (Including Bolting)	1	A182 Gr. F316L	ASME B16.5
8	Valve 6" Manual Wafer Butterfly	1	See Note 1	See Note 1
9	Valve 4" Manual Wafer Butterfly	2	See Note 1	See Note 1
10	HDPE - OD 160 - SDR 11 (See Note 3)	450 m	PE100	SANS ISO 4427
11	HDPE - OD 160 - SDR 11 - 90° Bend (See Note 3)	6	PE100	SANS ISO 4427, ASME B16.5
12	Stub Flange with Backing Ring - OD 160 (See Note 3)	2	Stub: PE100 Backing Ring: S316L	SANS ISO 4427, ASME B16.5
14	Float Valve, 4" (DN 100)	2	Stainless Steel	As per OEM



ISOMETRIC VIEW
SCALE 1:80



ELEVATION VIEW
SCALE 1:70



PLAN VIEW
SCALE 1:70

NOT FOR CONSTRUCTION

NOTES:

1. SPECIFIC VALVE BRAND AND MODEL WILL BE SPECIFIED BY ESKOM, THESE VALVES DO NOT REQUIRE A SEISMIC QUALIFICATION, HOWEVER, VALVES WILL BE SPECIFIED FOR CONTINUITY.
2. SUPPORT DETAIL STILL TO BE INCLUDED.
3. QUANTITIES INCLUDE SUPPLY LINE FROM MUNICIPAL TIE-IN, SEE SITE LAYOUT PLAN FOR PIPE ROUTE AND TIE-IN POINT.

D.O.	REV	DATE		REV BY	CHKD BY	AUTH BY	REFERENCE DRAWINGS
31	1	----.--.--	FIRST ISSUE	--			
			** REVISION ** / INDEX REFERENCE :				

ALLOCATION CENTRE 31.46	Eskom	KOEBERG NUCLEAR POWER STATION	
CONTRACTOR	MICRO 12008		ERECTION PLACE
CONTRACTOR No	INLET PIPE SYSTEM REV 0, DRAFT A		--
CHKD			
DWG -- ----.--.--	APPROVED	DOC NO. KBA	SHEET 1 OF 1 / REVISION 0A
SCALE N.T.S			

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SIZE GROOTTE A2L