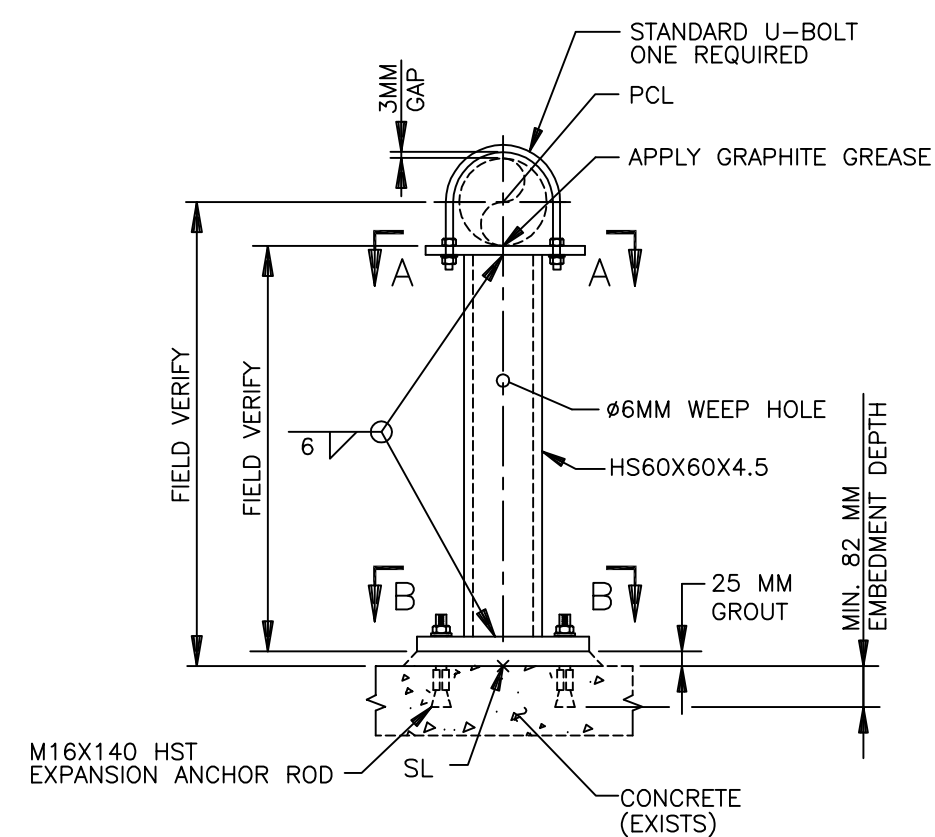
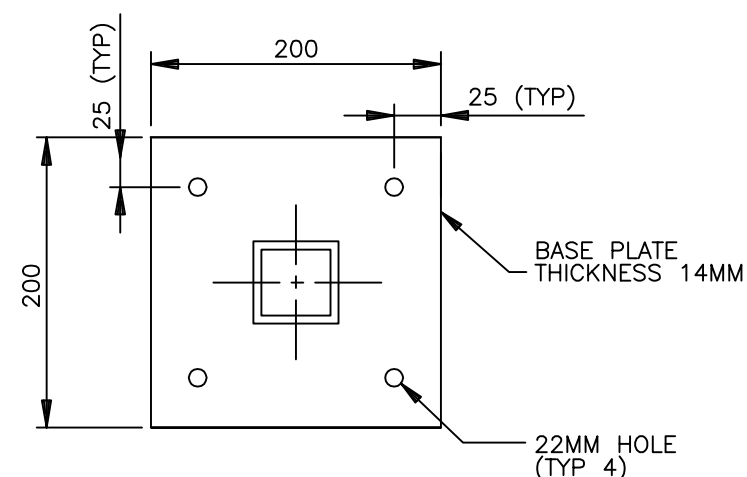


VIEW A-A



ELEVATION VIEW

00GME10BQ576



VIEW B-B

ENGINEERING DESIGN					CLEANING AND COATING			INSULATION			DESIGN INFORMATION			
PIPELINE CODE	ASME DESIGN CODE	FLUID	DESIGN TEMP	DESIGN PRESS	INTERIOR CLEANING	INTERIOR COATING	EXTERIOR PAINTING	PIPELINE CODE	PIPE SIZE	TOTAL THK	TEST PRESSURE AND LT METHOD	WELD CODE	CORROSION ALLOWANCE	
OOGME10BR022	B31. 1	WATER	42 C	10 BAR	CPS100	CPS100	CPS100	OOGME10BR022	50	25. 4	15 BAR	H	MM	
OOGME10BR302	B31. 1	WATER	42 C	10 BAR	CPS100	CPS100	CPS100	OOGME10BR302	25	25. 4	15 BAR	H	MM	
DATABASE DWG NO: OGME-M4646UD		MODEL VOLUME: RSVR				P&ID REFERENCE								
						FIRST: OGME-M2646W THRU								
DWG EXTRACTION DATE: 10-JUN-22		INSTALL : LATER				LAST: OGME-M2646W								



OPEN

**APPROVED FOR  
CONSTRUCTION**

THE DISTRIBUTION AND USE OF THE  
NATIVE FORMAT CAD FILE OF THIS  
DRAWING IS UNCONTROLLED. THE USER  
SHALL VERIFY TRACEABILITY OF THIS  
DRAWING TO THE LATEST CONTROLLED  
VERSION.

FIELD MATERIAL				
PT NO	DESCRIPTION	SPEC	QTY	
<u>PIPE</u>				
1	50 3.9, SANS 62-1	LATER	1.537	M
2	25 3.5, SANS 62-1	LATER	0.075	M
<u>FITTINGS</u>				
3	50 x 50, THRD TEE B1, ISO 49	LATER	1	
4	50 x 25, THRD HEX BUSH N4, ISO 49	LATER	1	
5	50, THRD 90 ELB A1, ISO 49	LATER	3	
<u>FLANGES</u>				
6	50 - 1000KPA/4 FF FLG SANS 1123	LATER	1	
<u>NUTS AND BOLTS</u>				
7	16 X 100 STUD ISO 4018 - 4.6 - A2J	LATER	4	
8	16 HEAVY HEX NUT ISO 4034 - 5 - A2J	LATER	8	
9	16 WASHER ISO 7091 - 100HV - A2J	LATER	8	
<u>VALVES / IN-LINE ITEMS</u>				
10	25 PN10, SCRD, 304SS, THRD BALL VALVE, OOGME10AA302	LATER	1	

[illegible]

	O	OPEN	APPROVED FOR CONSTRUCTION					SEM	LLB	SEM	SEM									
D.O.	REV	DATE	** REVISION **					REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DRAWINGS								
			INDEX REFERENCE :																	
DRG REGISTR			AUTHORISED FOR ESKOM BY:		DATE		KUSILE POWER STATION DETAILED PIPING ISOMETRIC RAW WATER RESERVOIR LEAK WATER CAPTURE AND RETURN													
DESIGN APPROVED			VVH		OPEN															
KKS APP	OPEN	SEM																		
DO AUTH	OPEN	SEM																		
CHKD BY	OPEN	LLB																		
DRAWN BY	OPEN	SEM	 BLACK & VEATCH				146838-OGME-M4646UD									REV 0				
SCALE			 Eskom				0.90/25112									SHEET OUD		REV		

SIZE  
GROOTTE A2L