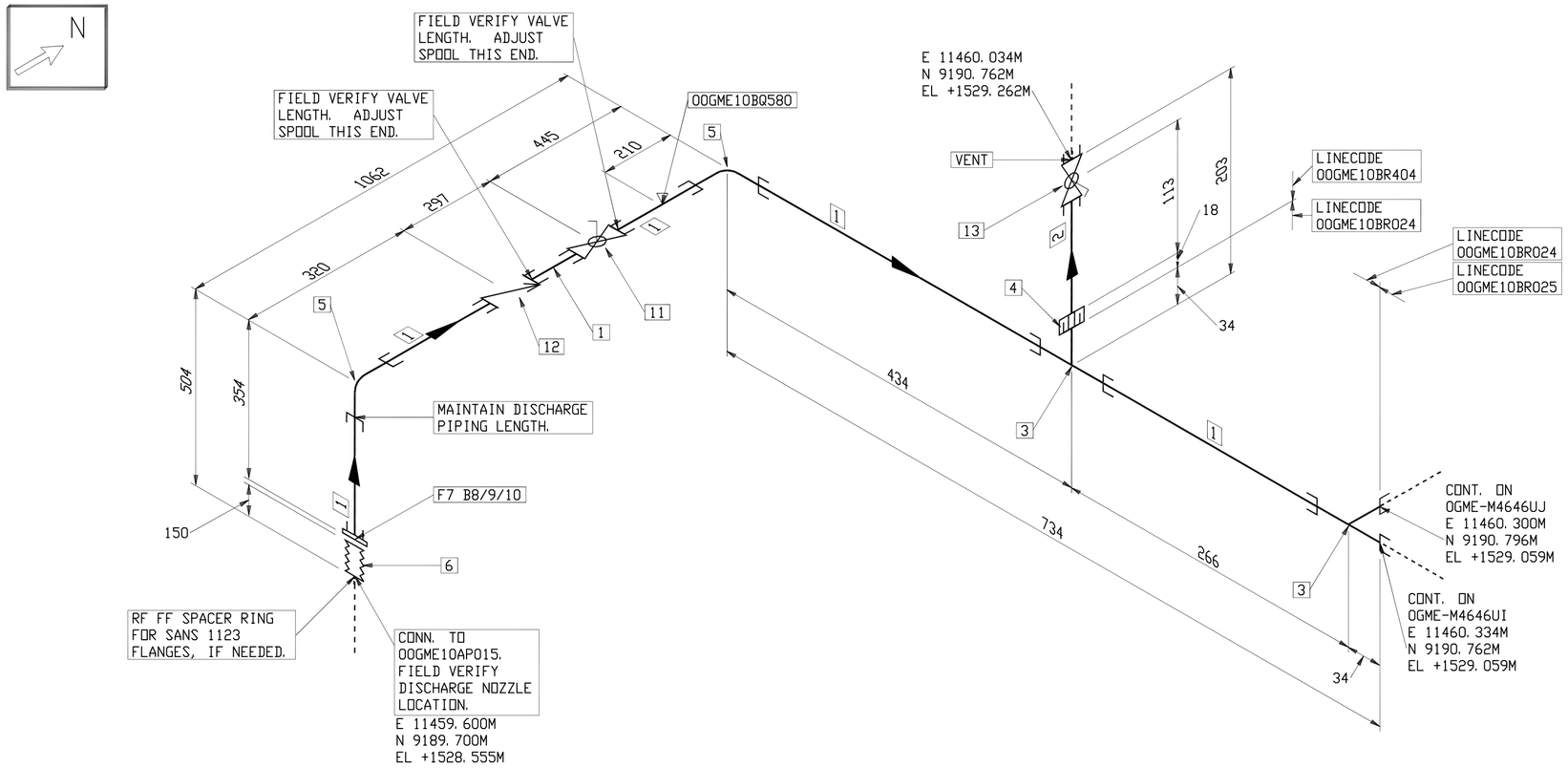
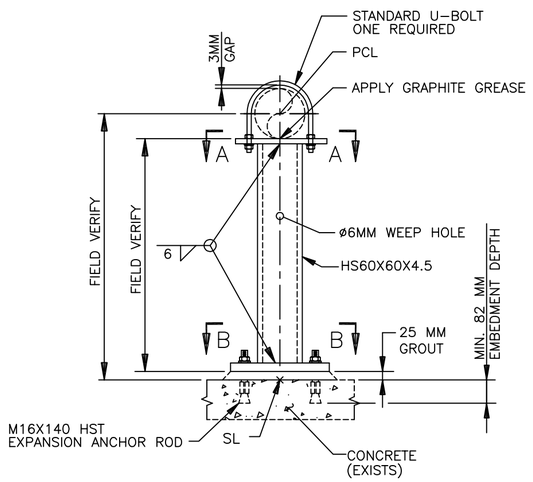
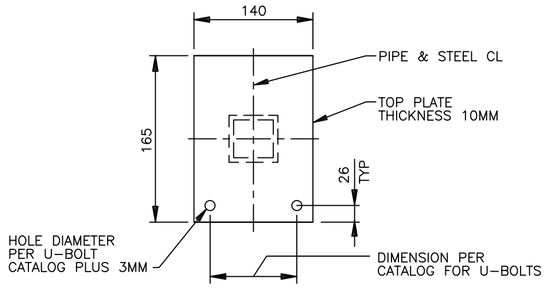
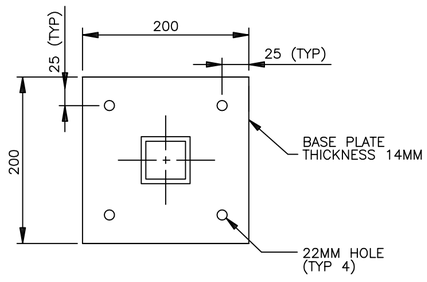




ELEVATION VIEW
00GME10BQ580



VIEW A–A



VIEW B–B

FIELD MATERIAL

PT NO	DESCRIPTION	SPEC	QTY
	PIPE		
1	50 3.9, SANS 62-1	LATER	1.574 M
2	25 3.5, SANS 62-1	LATER	0.075 M
	FITTINGS		
3	50 x 50, THRD TEE B1, ISO 49	LATER	2
4	50 x 25, THRD HEX BUSH N4, ISO 49	LATER	1
5	50, THRD 90 ELB A1, ISO 49	LATER	2
6	50 CL 1000KPA, EXPANSION JOINT, 00GME10AS002	LATER	1
	FLANGES		
7	50 - 1000KPA/4 FF FLG SANS 1123	LATER	1
	NUTS AND BOLTS		
8	16 X 76 STUD ISO 4018 - 4.6 - A2J	LATER	4
9	16 HEAVY HEX NUT ISO 4034 - 5 - A2J	LATER	8
10	16 WASHER ISO 7091 - 100HV - A2J	LATER	8
	VALVES / IN-LINE ITEMS		
11	50 PN10, SCRD, 304SS, THRD BALL VALVE, 00GME10AA515	LATER	1
12	50 PN10, SCRD, 304SS, THRD CHECK VALVE, 00GME10AA615	LATER	1
13	25 PN10, SCRD, 304SS, THRD BALL VALVE, 00GME10AA405	LATER	1

FIELD WELD COMPLETION RECORD

WELD NUMBER	FIT-UP BY/DATE	WELDER SYMBOL	VISUAL BY/DATE	NDE BY/DATE	PWHT BY/DATE	FINAL BY/DATE

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
00GME10BR024	B31.1	WATER	42 C	10 BAR	CPS100	CPS100	CPS100	00GME10BR024	50	25.4	15 BAR H		MM
00GME10BR404	B31.1	WATER	42 C	10 BAR	CPS100	CPS100	CPS100	00GME10BR404	25	25.4	15 BAR H		MM

DATABASE DWG NO: OGME-M4646UH	MODEL VOLUME: RSVR	P&ID REFERENCE
DWG EXTRACTION DATE: 10-JUN-22	INSTALL : LATER	FIRST: OGME-M2646W THRU 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.

D.O.	REV	DATE		REV BY	CHKD BY	AUTH BY	KKS APP	REFERENCE DRAWINGS
	0	OPEN	APPROVED FOR CONSTRUCTION	SEM	LLB	SEM	SEM	
			** REVISION ** INDEX REFERENCE :					

DRG REGISTR		AUTHORISED FOR ESKOM BY: WVH	DATE OPEN
DESIGN APPROVED			
KKS APP	OPEN	SEM	
DO AUTH	OPEN	SEM	
CHKD BY	OPEN	LLB	
DRAWN BY	OPEN	SEM	
SCALE			

BLACK & VEATCH

Eskom

KUSILE POWER STATION

DETAILED PIPING ISOMETRIC RAW WATER RESERVOIR LEAK WATER CAPTURE AND RETURN

146838-0GME-M4646UH REV 0

0.90/25112 SHEET 0UH REV

SIZE GROOTTE A2L

ISOGEN18.2s (LMS Tech) 1=1
BUR01221 A2
A1APN020 15:27:39
06/10/22