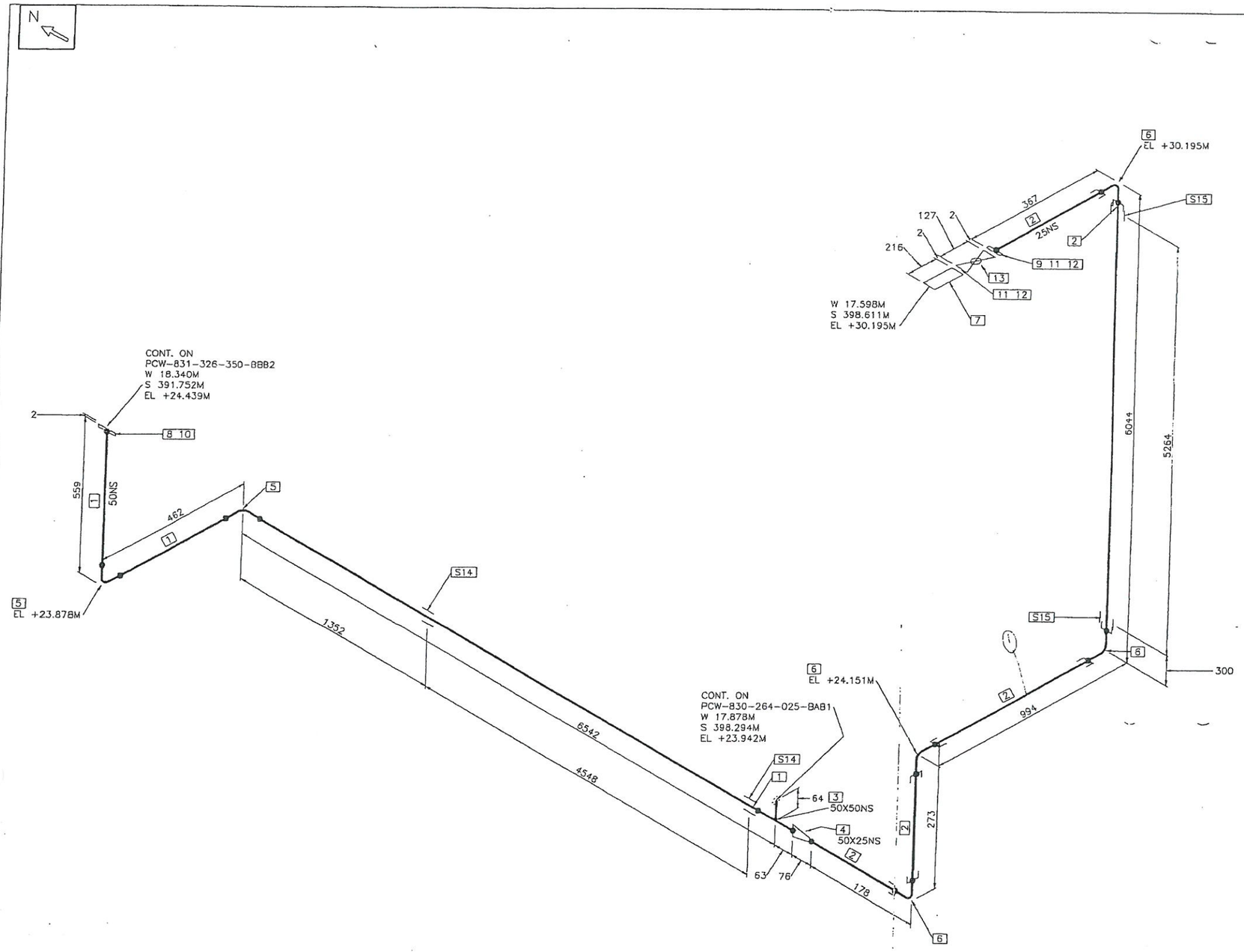

MATERIALS LIST

No.	DESCRIPTION	SIZE	QTY
1	PIPE, BE, A53 GR.B, ERW, SCH 40	50	7.2 M
2	PIPE, PE, A53 GR.B, SMLS, SCH 40	25	7.7 M
3	Tee, BW, A234 WPB, BS 1640, Sch40	50X50	1
4	Reducer Con, BW, A234 WPB, BS 1640, SCH40	50X25	1
5	90 deg elbow, BW, A234 WPB, BS 1640, Sch40	50	2
6	90 DEG ELBOW, SW, A105, 3000# BS3799	25	4
7	Hose Coupling Connection	25	1
8	PLT. FLANGE, A516 GR.70 FFFE, PN10, BS EN 1092-1/01	50	1
9	FLANGE, SO, A105, FFFE, PN40, BS EN 1092-1/12	25	1
10	GASKET, FF, 2MM THK, PN10, BS EN 1092-1/01, KLINGER TOPOGRAPH 2000 OR EQUIVALENT	50	1
11	GASKET, FF, 2MM THK, PN40, BS EN 1092-1/12, KLINGER TOPOGRAPH 2000 OR EQUIVALENT	25	2
12	(4) STUD BOLT SET, ASTM A193 B7/ASTM A194-2H, C/W 2 WASHERS AND 2 NUTS (100.000 MM LG)	13	2
13	BALL VALVE, FFFE, BS EN 1092-1, PN40, ANSI B16.10, A351 CF8M BODY, A351 BALL/STEM, DD1700 SEAT, FB, LO, ANSI B16.34 TEST	25	1
14	PS-204A	50	2
15	PS-060 AND PS-018 ANCHOR	25	2

ISSUED FOR CONSTRUCTION

GENERAL NOTES:

1. ALL DIMENSIONS ARE GIVEN BETWEEN CENTRELINES, UNLESS OTHERWISE NOTED, WHILE PIPING ELEVATIONS ARE CENTRELINE BASED, AS INDICATED.
2. GASKET AND COMPLETE BOLT SETS AS PER LINE CLASS SPECIFICATION TO BE SUPPLIED BY CONTRACTOR.
3. ALL BOLT CIRCLES STRADDLE PRINCIPAL CENTRELINES UNLESS OTHERWISE NOTED.
4. FFW (FIELD FIT WELD) LOCATIONS DENOTED ON DRAWINGS ARE INDICATIVE ONLY. THE LOCATIONS OF SUCH FIELD ALLOWANCE REMAIN THE RESPONSIBILITY OF THE PIPING FABRICATOR/ERECTOR.
5. PIPING FABRICATOR/ERECTOR TO VERIFY ROUTING AND DIMENSIONS FROM ISOMETRIC AND/OR PIPING GENERAL ARRANGEMENT DRAWING PRIOR TO FABRICATION AND ERECTION.
6. THE PIPING ERECTOR SHALL VERIFY THE ELEVATIONS AND CO-ORDINATES OF EXISTING INSTALLED CIVILS, STRUCTURAL AND MECHANICAL EQUIPMENT INCLUDING ELECTRICAL AND INSTRUMENTATION RACEWAY ROUTES, PRIOR TO INITIATING RELATED WORK, AND REPORT POTENTIAL CLASHES TO THE RESPONSIBLE BATEMAN SITE REPRESENTATIVE.
7. SITE RUN AND SITE SUPPORT PIPING TO BE DETERMINED BY BATEMAN SITE REPRESENTATIVE.
8. ALL INLINE INSTRUMENTS AND ACTUATED CONTROL VALVES ARE FREE ISSUE, SUPPLIED BY INSTRUMENTATION.
9. ALL FLANGE CONNECTIONS TO PUMPS TO USE MATING FLANGE SUPPLIED BY PUMP VENDOR.
10. ALL CLOSURES MARKED THUS (*) TO BE APPROXIMATELY 150mm LONGER FOR SITE ADJUSTMENT, ONE FLANGE TO BE TACK WELDED ON SITE WELDING. (THESE LOCATIONS ARE INDICATIVE ONLY & REMAINS THE RESPONSIBILITY OF THE FABRICATOR/ERECTOR)

DOCUMENT CONTROL
Category No: C510
29 APR 2010
Seq No: 113 Sub 2
Reg. No:
MASTER

28 APR 2010

REFERENCE		REVISIONS							
		1	28/04/10	LINE REVISED	PRC	GvdM	RvN	
		0	21/01/10	ISSUED FOR CONSTRUCTION	PRC	CS	RvN	CS
		A	06/11/09	ISSUED FOR INTERNAL REVIEW	PRC	CS	RvN	CS
H83003P130002001	WET MILLING (SECONDARY MILL + CYCLONES)	No.	DATE	DESCRIPTION	BY	CHKD	SLDR	ENG
DRG. NUMBER	TITLE							

FLUID CODE	PCW	OPER PRESSURE (kPag)	500	TRACING QTY / SIZE	N/A	DEPT	SIGN	DATE
SERV. CATEGORY	M	OPER TEMP. (°C)	25	INS. TYPE	N/A	C & I	SLD	21/01/10
PIPE DESIGN CODE	ASME B31.3	LINING / REFRACT	R/L	INS. SIZE & THK	N/A	PROCESS	MS	21/01/10
DESIGN PRESS (kPag)	1000	RADIOGRAPHY	N/A	STRESS CHECKED	Y	PSL	RvN	21/01/10
DESIGN TEMP (°C)	45	HARDNESS TEST	N/A	PR. TEST MEDIUM	L	PROJ ENG	EW	21/01/10
TEST PRESSURE (kPag)	C	PWHT	N	CHEM. CLEANING	N:			
PAINT SYSTEM	PE	TRACING TYPE	N/A	LINE CLASS SPEC:	BAB1			

REG. ENG. APPROVAL		DATE	NAME
DATE	DRAWN	05/11/09	PRC
NAME	CHKD	21/01/10	GvdM
NUMBER	S.LDR	21/01/10	RvN
SIGNATURE			

FOSKOR

AREA CODE H8300

BATEMAN
BATEMAN PROJECTS LTD.
REG. No. 1971/008216/06

FOSKOR EXTENSION 8 "DF"
DE-BOTTLENECKING PROJECT
FROM PCW-830-150-BBB2 TO CYCLONE CLUSTER
LINE No. PCW-830-265-025-BAB1

SCALE N/A
SHEET 1 OF 1
REV 1

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DWG No. H83003X510265001