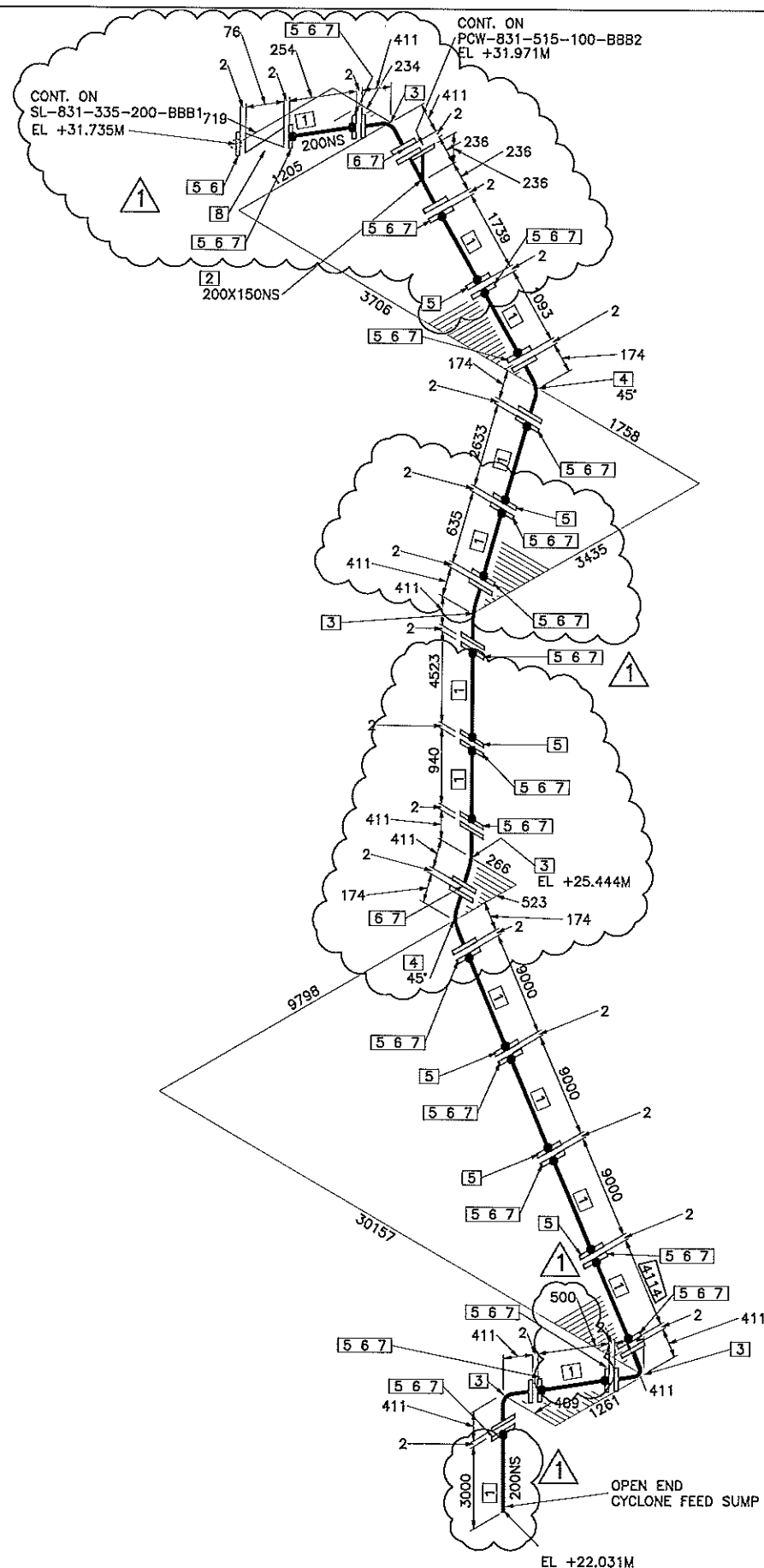




No.	DESCRIPTION	SIZE	QTY
1	PIPE, BE, A53 GR.B, ERW 6 MM RUBBER LINED, SCH 20	200	46.2 M
2	REDUCING TEE, FFFE TO BS EN 1092-1/01, A53 GR B, ERW SCH20	200X150	1
3	90 DEG MITERED BEND(MR) 4 SEG, FFFE TO BS EN 1092-1/01, A53 GR B, ERW SCH 20	200	5
4	45 DEG MITERED BEND(MR) 3 SEG, FFFE TO BS EN 1092-1/01, A53 GR B, ERW SCH 20	200	2
5	PLT. FLANGE, A516 GR.70 FFFE, PN10, BS EN 1092-1/01	200	26
6	GASKET, FF, 2MM THK, PN16, BS EN 1092-1/01, KLINGER TOPOGRAPH 2000 OR EQUIVALENT	200	22
7	STUD BOLT SET, ASTM A193 B7- A194-2H, CW 2 WASHERS AND 2 NUTS (150.000 MM LG)	19	252
8	KNIFE GATE VALVE, SOLID BODY WAFER TYPE, 1000KPA, FFFE, BS EN 1092-1, PN10, DESIGN TO MANUFACTURERS STD, A126 GR.B BODY, NATURAL RUBBER SEAT, PTFE GASKET, ASTM 351CF8M WEDGE, 6MM NATURAL RUBBER LINING	200	1

DOCUMENT CONTROL

Category No: **LS10**

2012-01-31

Seq. No: **304 Su602**

Reg. No: **MASTER**

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.

FOSKOR 	AREA CODE H8310
BATEMAN BATEMAN SUB-SAHARAN AFRICA A DIVISION OF BATEMAN PROJECTS LIMITED REG. No. 1971/008215/06	

REG. ENG. APPROVAL		DATE	NAME
DATE		DRAWN 02/06/11	SLE
NAME		CHKD	
NUMBER		S.LDR	
COMMENTS			

SIGNATURE		SCALE	
FOSKER EXTENSION 8		N/A	
DE-BOTTLENECKING PROJECT		SHEET	
FROM SL-831-335-200-BBB1 TO CYCLONE FEED SUMP		1 OF 1	
LINE No. SL-831-514-200-BBB1			
THIS DRAWING IS THE PROPERTY OF BOWMAN SUB-SAHARA AFRICA & shall not be It is applied to return upon demand, and may not be passed on to any third party, or used directly or indirectly for any other purpose than the manufacture or construction of equipment, the design and installation of plant to the order of BOWMAN SUB-SAHARA AFRICA		PROJECT No. M8083	REV 1
		DWG No.	H831035X10514001

27 JAN 2012

REFERENCE			REVISIONS							
	DRG. NUMBER	TITLE		No.	DATE	DESCRIPTION	BY	CHKD	SLDR	ENG
			1	27/01/12	DRAWN TO AS BUILT		SAJ			
			D	02/08/11	DRAWN TO AS BUILT		SLE	RVN	RVN	

FLUID CODE	SL	OPER PRESSURE (P _{OP})	800	TRACING QTY / SIZE	N/A	DEPT	SIGN	DATE
SERV. CATEGORY	W	OPER TEMP. (°C)	25	INS. TYPE	N/A	C & I		
PIPE DESIGN CODE	ASME B31.3	LINING / REFRACT	N/A	INS. SIZE & THK	N/A	PROCESS		
DESIGN PRESS (P _{DP})	1000	DESIGN PRESS	R/L	STRESS CHECKED	Y	PSL		
DESIGN TEMP (°C)	45	HARDNESS TEST	N/A	PR. TEST MEDIUM	L	PROV. ENG		
TEST PRESSURE (P _{TC})	C	PIWHT	N	CHEM. CLEANING	N			
PAINT SYSTEM	PE	TRACING TYPE	N/A	LINE CLASS SPEC:				8881