

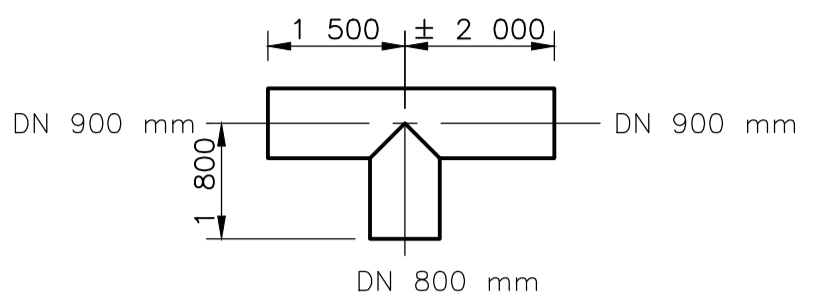
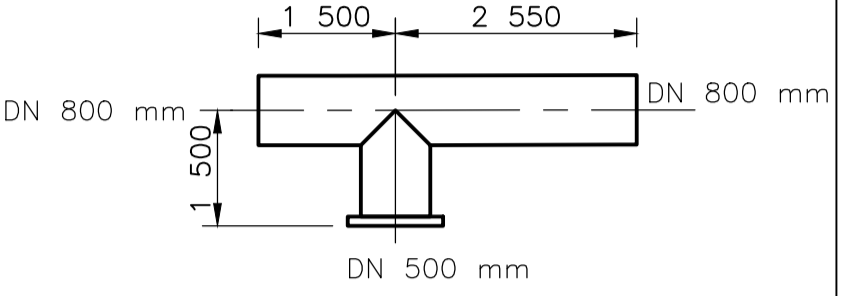
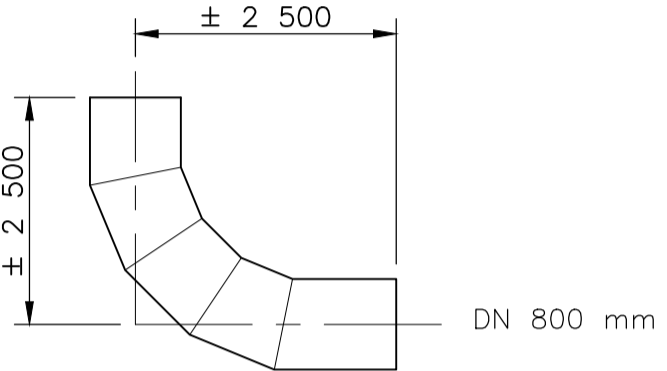
PIPE SPECIAL SCHEDULE (REF. DRG. NO. 2H-C5-031)					
ITEM No.	DN (mm)	MATERIAL	DESCRIPTION (REFER TO DRG 2A-C6-127 AND SECTION 37 FOR CORROSION PROTECTION)	SKETCH (NTS)	TOTAL PER INSTALLATION
(A1)	900	STEEL GRADE X42 WT=20 mm	SPECIAL TEE: DN 900 mm X DN 800 mm PLAIN ENDED TEE. CTS.		1
	800	STEEL GRADE X42 WT=16 mm			
(A2)	800	STEEL GRADE X42 WT=16 mm	SPECIAL TEE: DN 800 mm X DN 500 mm TEE. DN 800 mm PLAIN ENDED, DN 500 mm FLANGED. CLASSIFICATION: TABLE 1		2
	500	STEEL GRADE X42 WT=12 mm			
(A3)	800	STEEL GRADE X42 WT=10 mm	SPECIAL BEND: DN 800 mm MEDIUM RADIUS BEND, BOTH ENDS PLAIN ENDED. CTS.		1
(A4)	500	STEEL GRADE X42	BLANK FLANGE: DN 500 mm BLANK FLANGE. CLASSIFICATION: TABLE 1		2

TABLE 1:

OFF-TAKE A INSTALLATION SCHEDULE			
NAME	CHAINAGE (m)	CLASSIFICATION	PIPE REINFORCEMENT TYPE 1 400 x 150
		FLANGES VALVES (kPa)	
GRAVITY MAIN MAIN			
MATIMBA	101 155	4 000	COLLAR PLATE (TABLE 3) TYPE 1; TYPE 3
GROOTGELUK	101 155	4 000	COLLAR PLATE (TABLE 3) TYPE 2; TYPE 3

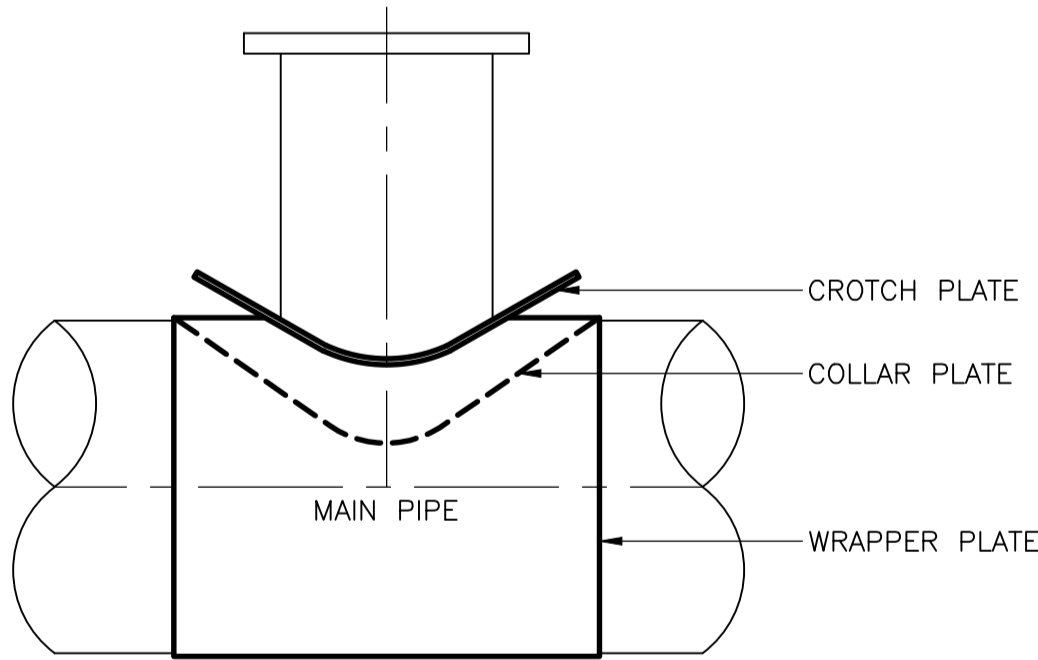


TABLE 2:

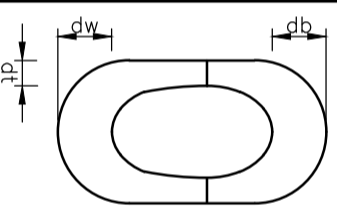
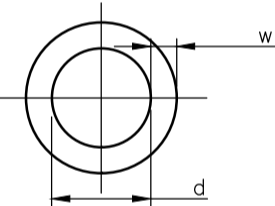
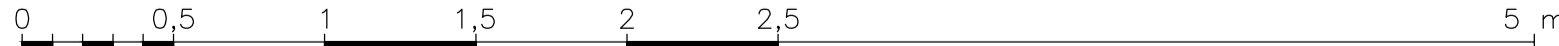



CROTCH-PLATE DIMENSIONS (SEE AWWA, MII, CHAPTER 13)				
		MATERIAL : GRADE X42 STEEL THICKNESS = 25,4 mm CORROSION PROTECTION: SEE NOTE: 3		
CROTCH PLATE TYPE	DESIGN PRESSURE	d't	d'w	d'b
TYPE 1				
TYPE 2				
DOUBLE PLATE TYPE				

TABLE 3:

COLLAR PLATE DIMENSIONS			
		MATERIAL: GRADE X42 STEEL T = THICKNESS	
NAME	d (mm)	w (mm)	T (mm)
TYPE 1 400 x 400	406	203	8
TYPE 2 300 x 300	324	162	8
TYPE 3 400 x 150 300 x 150	168	84	8

1	KEYPLAN	2H-C5-030	XXXXXXXXXX
2	GENERAL LAYOUT	2H-C5-031	XXXXXXXXXX
3	PLAN AND SECTION	2H-C5-032	XXXXXXXXXX
4	PLAN AND SECTION	2H-C5-033	XXXXXXXXXX
6	PIPE SPECIALS	2H-C5-035	XXXXXXXXXX
7	ROOF SLAB LAYOUT AND DETAILS	2H-C5-036	XXXXXXXXXX
SHEET	DESCRIPTION	OTHER No.	REG. No.
LIST OF DRAWINGS			

<div>SCALE 1:25</div> <div></div>	CONSULTING ENGINEER		REVISION				DEPARTMENT OF WATER AND SANITATION REPUBLIC OF SOUTH AFRICA		MOKOLO CROCODILE WATER AUGMENTATION PROJECT PHASE 2 (MCWAP-2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	<div> WOODMEAD NORTH OFFICE PARK 54 MAXWELL DRIVE WOODMEAD</div>		MOD No.	DATE	DESCRIPTION	FOR	DWS	HEAD OFFICE ENGINEERING SERVICES PRIVATE BAG X313 PRETORIA 0001		<div> SEDIBENG BUILDING 185 FRANCIS BAARD STREET PRETORIA (012) 336-7500</div>		GRAVITY MAIN MATIMBA & GROOTEGELUK OFF-TAKES PIPE SPECIALS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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