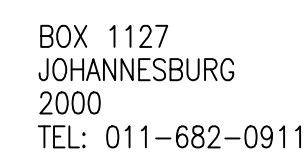


- SERVICES MAY BE ENCOUNTERED DURING EXCAVATIONS

- PIPE COATING AND LINING NOTES:

1. COATING TO BE A RIGID POLYURETHANE WITH A MINIMUM THICKNESS OF 2000 MICRONS;
2. LINING IS A SOLVENT FREE EPOXY WITH A MINIMUM THICKNESS OF 600 MICRONS.

[illegible]

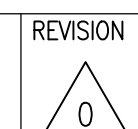
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SAP No.	P.03743	CHECKED BY	
CONTRACT No.		D.O.M. c. TUMBARE	
DESIGNED BY	D.KATSKY	APPROVED	Pr. Pr.
DRAWN BY	M.GOTYANA	REG. No.	
DATE	2018/12/14	DATE	

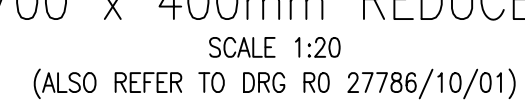
SLUDGE-LINE (SL2)
GENERAL ARRANGEMENT OF
CROSS CONNECTION CHAMBER

STATION			WKS							DOC. TYPE			S		
Z	B		0	0	U	G	Q					D	C	G	A
SCALE AS SHOWN															

DRG No. R027786/16/01



1. VALVE A OPEN & VALVE B CLOSED;
2. BY-PASS OF CENTRAL SLUDGE, CLOSE VALVE A & OPEN VALVE B;
3. SCOUR 700mm Ø PIPE WITH 150mm SCOUR VALVE INTO CENTRAL SLUDGE 2;
4. BY-PASS TO BE USED TO SCOUR 700mm Ø PIPELINE;
5. THIS PHILOSOPHY MUST BE ALTERNATED EACH DAY TO PREVENT SLUDGE BUILD UP IN CROSS CONNECTION PIPE.



ELEVATION OF DOSING POINTS
FOR 700mm ϕ PIPE
1:20

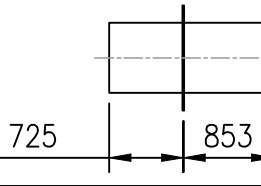
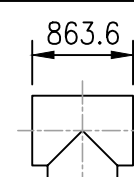
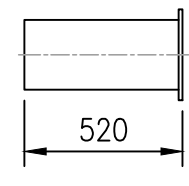
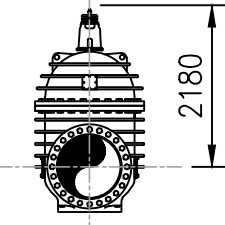
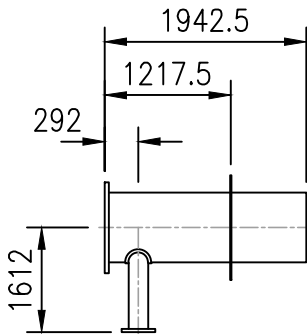
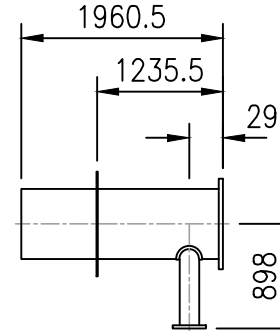

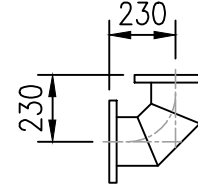
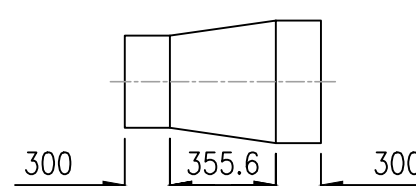
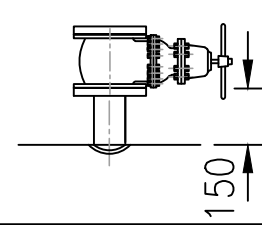
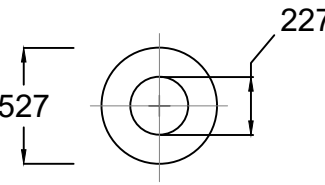
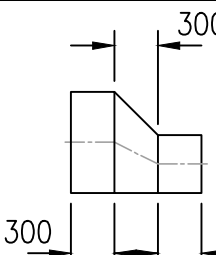
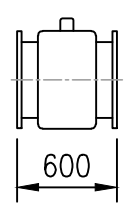
ELEVATION OF SAMPLING POINT
FOR 700mm ϕ PIPE
SCALE 1:20

ELEVATION OF DOSING POINTS
FOR 800mm ϕ PIPE
(UNDER PRESSURE CUT)

PLAN VIEW ON DOSING POINTS
FOR 700mm ϕ PIPE
1:20

PLAN VIEW ON DOSING POINTS
FOR 800mm ϕ PIPE
(UNDER PRESSURE CUT)
1:20



SCHEDULE OF SPECIALS: 600mmØ CONNECTION – 1 No. OFF					
ITEM No.	QUANTITY	GRADE	FLANGE TP (KPa)	DESCRIPTION	DIMENSION AND SYMBOL
1	1	X42	1500 kPa	609.6mm OD STEEL PIPE WITH PUDDLE FLANGE, PLAIN ENDED t = 8mm	
2	1	X42	N/A	609.6mm OD EQUAL TEE, PLAIN ENDED t = 8mm	
3	2	X42	1500 kPa	609.6mm OD STEEL PIPE, FLANGED ONE END t = 8mm	
4	2	–	1500 kPa	600mm Ø WEDGE GATE VALVE, 600mm F/F, MAX. NON-RISING SPINDLE	
5	1	X42	1500 kPa	609.6mm OD STEEL PIPE WITH PUDDLE FLANGE AND 168.3mm OD BY-PASS BRANCH WITH 6mm THICK COMPENSATION PLATE (w = 75mm), FLANGED ONE END t = 8mm	
6	1	X42	1500 kPa	609.6mm OD STEEL PIPE WITH PUDDLE FLANGE AND 168.3mm OD BY-PASS BRANCH WITH 6mm THICK COMPENSATION PLATE (w = 75mm), FLANGED ONE END t = 8mm	
7	1	X42	1500kPa	DN150 RS GATE VALVE AS PER SPEC.	
8	1	X42	1500kPa	168.3mm OD 90° SHORT SEGMENTED BEND t = 8mm	
9	1	X42	N/A	700x600mm Ø CONCENTRIC REDUCER t = 8mm	
10	4	X42	1500kPa	NB Flange the Stub, with diaphragm Valve and blank Flange.	
11	1	S355JR+N		COLLAR PLATE around the stub in item 10 to suit the 710mmØ OD Pipe	
12	1	X42	N/A	700x400mm Ø ECCENTRIC REDUCER (1:7 RATIO) t = 8mm	
13	1	S355JR	1500kPa	DN400 ELECTROMAGNETIC FLOWMETER	

NOTE: CONFIRM DIMENSIONS ON SITE BEFORE MANUFACTURE

CHAMBER CO-ORDINATES (WGS29)		
POINT	Y	X
A	98931.807	2952377.254
B	98927.463	2952376.554
C	98931.108	2952380.598
D	98926.764	2952380.899