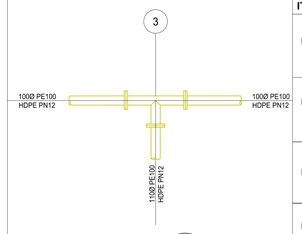
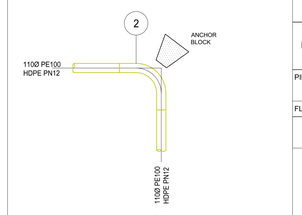


DETAIL 01 CIV–009



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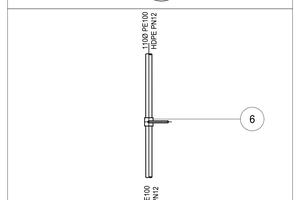
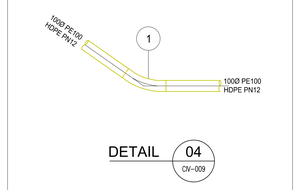


DETAIL 03 CIV–009



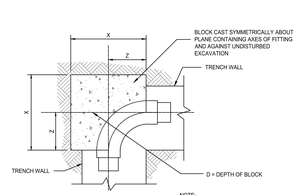
DETAIL 04 CIV–009

PIPE SCHEDULE

ITEM	FITTING	DESCRIPTION	No.
1	330, 330	110mm NB X 90° ELECTRO FUSED LONG RADIUS BEND TO A CENTER TO FACE OF 330mm	6
2	330, 330	110mm NB X 90° ELECTRO FUSED LONG RADIUS BEND TO A CENTER TO FACE OF 330mm	-
3	450, 450, 450	110mm X 110mm TEE FLANGED BOTH ENDS TO A CENTER TO FACE OF 450mm	6
4		75mm NB MAKE UP FLANGED BOTH ENDS TO A FACE TO FACE 1000mm	3
5	229	110mm NB GATE VALVE PN12 FLANGED BOTH ENDS TO A FACE TO FACE OF 229mm	1
6		110mm NB SADDLE WITH 32mm OFFTAKE	6

PIPE SPEC	75 NB/50 NB PE80 HDPE PN10 WITH ELECTRO FUSION JOINTING UNLESS OTHERWISE STATED.
FLANGE SPEC	50mm/75mm NB SANS1123 1200/3 FLANGES

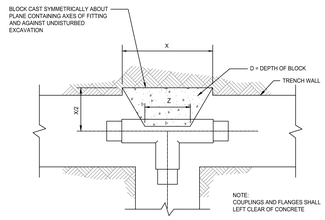
PIPING AND FLANGE SPEC TO BE CONFIRMED BY CONTRACTOR ON SITE



NOTE: COUPLINGS AND FLANGES SHALL BE LEFT CLEAR OF CONCRETE

SCALE N.T.S.

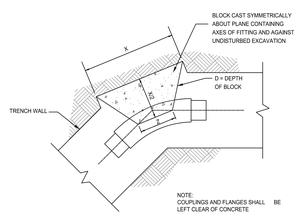
PIPE DIAMETER	X	D	Z
110	500	300	100
75 or LESS	300	225	75



NOTE: COUPLINGS AND FLANGES SHALL BE LEFT CLEAR OF CONCRETE

SCALE N.T.S.

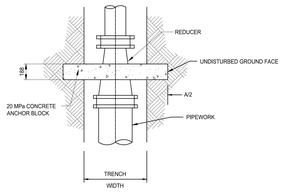
PIPE DIAMETER	X	D	Z
110	750	300	100
75 or LESS	700	275	75

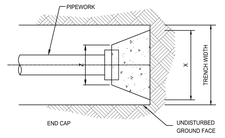


NOTE: COUPLINGS AND FLANGES SHALL BE LEFT CLEAR OF CONCRETE

SCALE N.T.S.

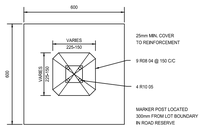
PIPE DIAMETER	X	D	Z
110	750	300	100
75 or LESS	700	275	75



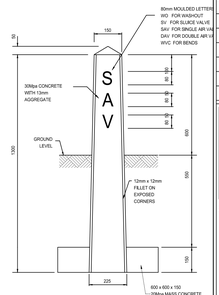


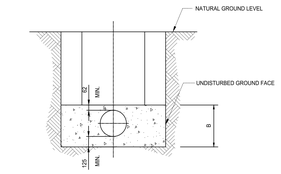
MARK	TYPE & DIA.	LENGTH		TOTAL No.	SHAPE CODE	A	B	MASS kg
04	R8	600	9	40	16	100	0.1	
05	R10	1250	4	20	250	-	3.1	

REINFORCEMENT IN ACCORDANCE WITH SABS 82



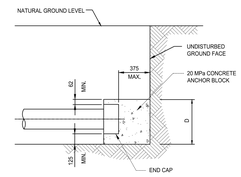
SCALE 1:10





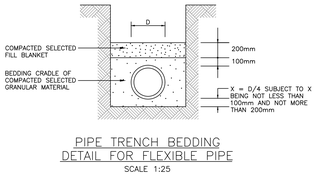
PIPE DIAMETER	X	D	Z
110	400	250	200
75 or LESS	300	250	200

SCALE N.T.S.



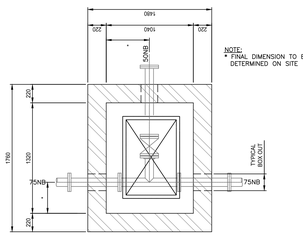
PIPE DIAMETER	X	D	Z
110	400	250	200
75 or LESS	300	250	200

SCALE N.T.S.



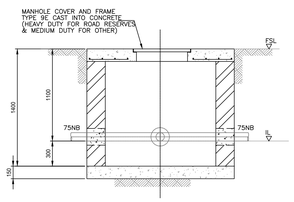
PIPE TRENCH BEDDING DETAIL FOR FLEXIBLE PIPE

SCALE 1:25



TYPICAL POTABLE WATER MANHOLE

SCALE 1:25



SECTION B

GENERAL NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND ENGINEER'S DRAWING.

ALL DIMENSIONS, LEVELS, ETC ARE TO BE CHECKED BEFORE ANY WORK IS COMMENCED AND ANY DICREPANCIES NOTED TO BE BROUGHT TO THE ARCHITECT'S ATTENTION.

ONLY FIGURED DIMENSIONS TO BE USED, SCALING OF DRAWINGS IS NOT ADVISABLE.

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GEOTECH INFORMATION

SOIL TYPE: C1 and Unified Soil Class (SC-SM)

ASSUMED SOIL BEARING CAPACITY: <150 kPa kPa

RECOMMENDED FOUNDATION TYPE: Reinforced Strip Foot Foundation

RECOMMENDED FOUNDATION DEPTH: 0.6-1m

REV. NO.	DATE	DESCRIPTION
A	2021-03-19	ISSUED FOR TENDER
B	2021-04-19	ISSUED FOR TENDER

MUNICIPAL APPROVAL

NAME:.....

SIGNATURE:.....DATE:.....

STAMPS:

PRINCIPAL AGENT

Mamadi & Company | SA

Mamadi and Company SA
No. 1 Newtown Avenue,
Killarney,
Johannesburg , 2193
Tel: 011 - 532 8659
Email:info@mamadi.co.za

COMPETENT CONTACT PERSON:	CONT. No: +2711 532 8659
FULL NAME	FIRM REG No: 2016/012437/07

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Lefapha la Thuto la Bokone Bophirima
Noord-Wes Departement van Onderwys
North West Department of Education
NORTH WEST PROVINCE

DISCIPLINE

CIVIL

PROJECT NAME

SEDIKO PRIMARY SCHOOL

EMIS NUMBER: 600101902

PROJECT STATUS

STAGE 1-3	STAGE 4	STAGE 5-6
CONCEPT	TENDER ■	CONSTRUCTION

DESCRIPTION: FIRE-WATER TYPICAL DETAILS

SCALE: AS SHOWN

DRAWN:	CHECKED:
NAME OF COMPETENT PERSON: TINYIKO GIVEN MBHOKOTA	NAME OF COMPETENT PERSON: TINYIKO GIVEN MBHOKOTA
REG No:	REG No: ECSA PR. 201470013
SIGNATURE	SIGNATURE 2021.05.05 20:45:48 +02'00'

PROJECT NUMBER: RFP 263/2019

DATE: 2021-03-19

DWG No: DBSA-JBT-S1-CIV-DWG-012

REV No: B

OCCUPANCY CLASSIFICATION

SANS 10400 & XA COMPLIANCE				
	Rational Des.		Standard Cal	
CONDUTANCE	Y	N	Y	N
SOLAR HEAT GAIN	Y	N	Y	N
GEOGRAPHICAL ZONE				

NBRs COMPLIANCE	Yes	No
SITE PLAN		
OTHER DRAWINGS		

OTHER APPROVALS	Yes	No	N/A
Enviromental Impact Assesment (EIA)			
South African Heritage Resources Agency (SAHRA)			
Department of Water and Sanitation (DWS)			
South African National Roads Agency (SANRAL)			
Other			

WATER SUPPLIER			
MUNICIPALITY	Yes ☒	No ☐	MUNICIPALITY NAME
BOREHOLE	Yes ☒	No ☐	WATER USE LISENCE
PRESSURE	T.B.C		BARS
TANKS	Number Total	Capacity 2000	LITERS
OTHER STORE	Yes ☐	No ☒	Specify below

SANITATION/ SEWER			
MUNICIPALITY	Yes ☒	No ☐	Mathosana
SEPTIC TANKS	Yes ☐	No ☒	CAPACITY M3
PIT LATRINES	Yes ☐	No ☒	
OTHER	Yes ☐	No ☐	SPECIFY:

SITE INFORMATION	
ERF No.	15756
COVERAGE	10.9 % (3795 m ²)
VILLAGE NAME	Jouberton Ext. 15
DISTRICT	Dr Kenneth Kaunda
COORDINATES	26° 54'12.4"S 26°35'46.5"E

STAGES		
SIPDM	SACAP	Mark with X
0		
1		
2		
3	1	
4	2	
5	3	
6	4	
7	5	
8		
9	6	

PROJECT TEAM				
	COMPETENT CONTACT PERSON	CONTACT No.	REGISTRATION No.	COMPANY NAME
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STRUCT. ENG	THABISO MOTSHEGOA	+27 73 757 8094	201370184 - ECSA	MAMADI & COMPANY
CIVIL ENG	GIVEN MBHOKOTA	+27 83 580 1709	201470013 - ECSA	MAMADI & COMPANY
MECH. ENG	PULE SHEANE	+27 72 172 8396	201570022 - ECSA	MAMADI & COMPANY
ELECT. ENG	JOHN MOKOENA	+27 63 005 5891	20030038 - ECSA	MAMADI & COMPANY
OHS	NATHANIEL MATHAGA	+27 72 947 7939	CHS 1400005	MAMADI & COMPANY
CONTRACTOR				