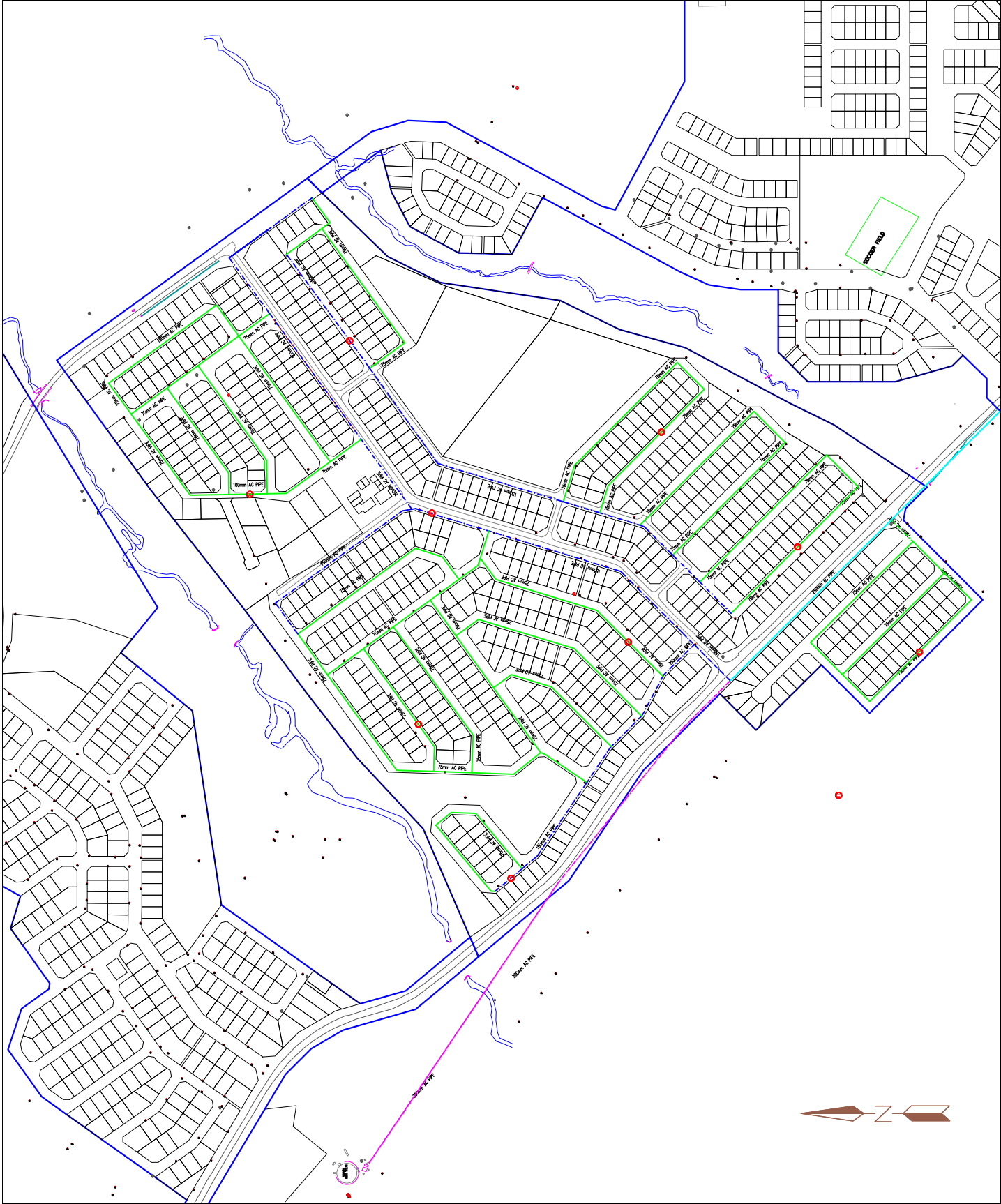




LEGEND:

- 75mm HDPE PIPE (7822,60m)
- 150mm HDPE PIPE (5257,23m)
- 250mm HDPE PIPE (914,38m)
- 300mm HDPE PIPE (884,77m)

- Fire Hydrant
- Electric Pole
- Manhole

Rev	Date	Description of changes	By

REVISIONS



The Municipal Manager
The Municipality of Emfuleni
Council
TEL: +27 (0) 17 843 5000
FAX: +27 (0) 17 843 4001

Client



No. 74 Van Vliet Street
MIDDELBURG
1201
TEL: 011 975 5330
FAX: 011 975 5335

Consultant

APPROVED

SIGNATURE OF APPROVAL

SIGNATURE

NAME

DATE

Project

ALMT01/2022

Project Description

REPLACING OF AC PIPES IN
EMFULUZI WATER
SCHEME-WARD 4

Drawing Title

WARD 4 RETICULATION

Drawing Units

mm

Date

10/03/2022

Scale

N.T.S

Designed By

SN

Checked By

SN

Approved By

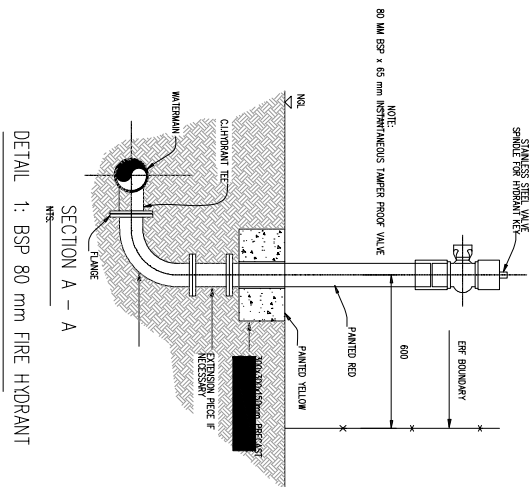
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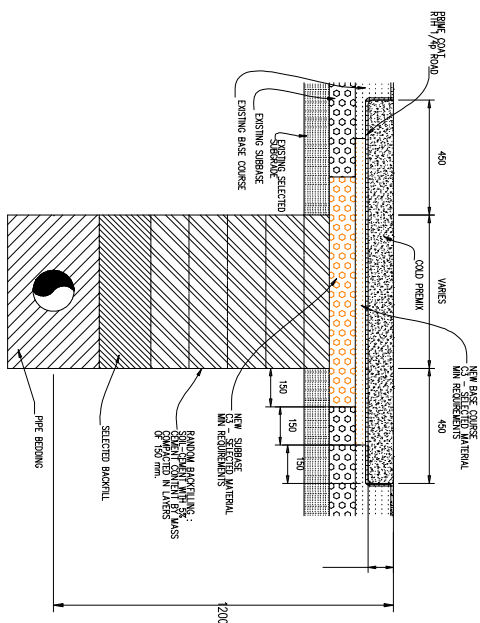
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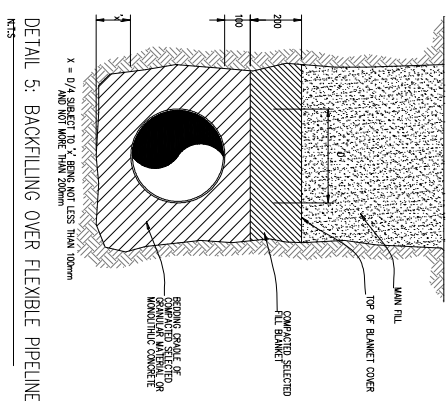
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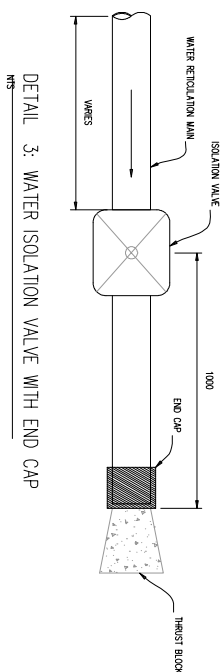
DETAIL 1: BSP 80 mm FIRE HYDRANT



DETAIL 2: CONSTRUCTION OF PIPELINES ACROSS SURFACED ROADS: TRENCH DETAILS

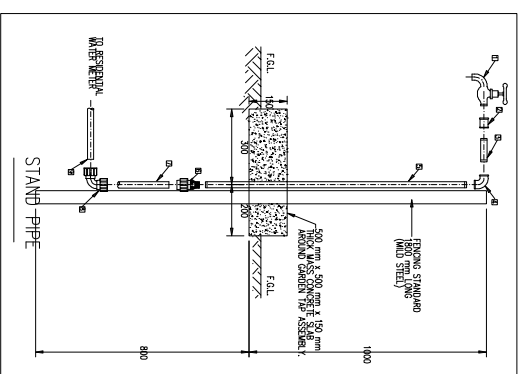


DETAIL 5: BACKFILLING OVER FLEXIBLE PIPELINE

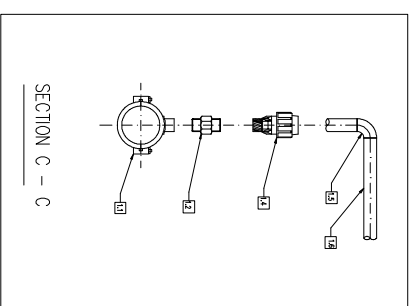


DETAIL 3: WATER ISOLATION VALVE WITH END CAP

NOTE:
AGB METER INCLUDES:
- WATER METER
- VALVES
- INLET AND OUTLET
AGB - 20 METER TYPE



PIPE FITTING DETAILS: STAND PIPE	
NO.	DESCRIPTION
1.	BRASS GARDEN TAP
2.	GLASS SOCKET (20 mm)
3.	GLASS PIPE SECTION - THREADED BOTH ENDS (20 mm),
4.	1400 mm LONG GLASS PIPE SECTION THREADED BOTH ENDS (20 mm),
5.	GLASS - WIRE MESH COILING (20 mm),
6.	GLASS - WIRE MESH COILING (20 mm),
7.	HOT PRESSURE FITTING FEMALE ELBOW (20 mm),
8.	HOT PRESSURE FITTING FEMALE ELBOW (20 mm),
9.	HOT PRESSURE FITTING FEMALE ELBOW (20 mm),



PIPE FITTING DETAILS : SINGLE CONNECTION		
NO.	DESCRIPTION	QTY.
1.1	250A SADDLE TO FIT WATER MAIN	1
1.2	250A GUY WIRE	1
1.3	250A BSR BULLOCK	1
1.4	250A WALE RAFTERS	1
1.5	250A x 800g COMPRESSION FITTING ELBOW	1
1.6	250A PIPE FIT TO CONNECT 2.5 TO 2.7	1
1.7	250A 10' x 250A RINGS ETC	1
1.8	250A x 100mm LONG PIPE PIPE PIECE	1
1.9	250A WALE RAFTERS	1
1.10	450-20 - 17M WATER BOX	1

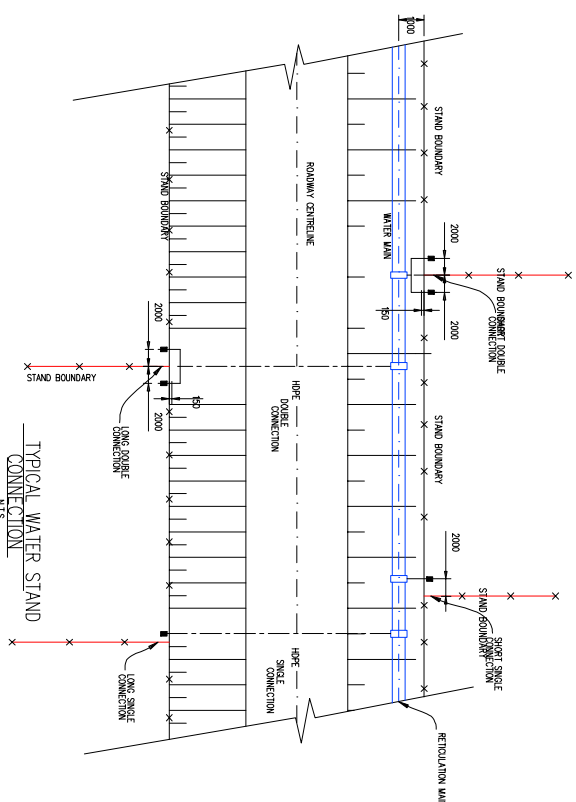
WATER MAIN IN

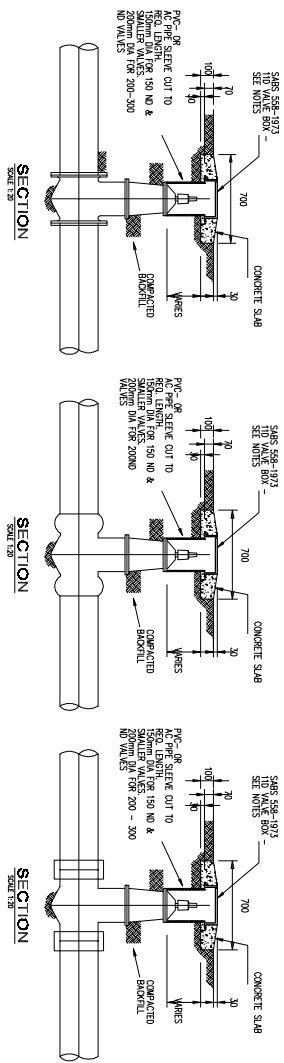
SECTION C - C

PLAN

SINGLE CONNECTION DETAILS

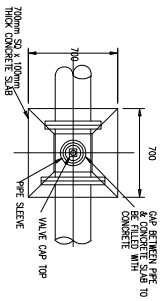
1. 500A x 800A COMPRESSION FITTING ELBOW
2. 250A HRP PIPE (TO CONNECT 2.5 TO 2.7)
3. 250A x 20 x 250A RING TEE
4. 200A x 1000mm LONG HRP PIPE PIECE
5. 200A MALE ADAPTER
6. 200A - 2" TYPE WATER BOX



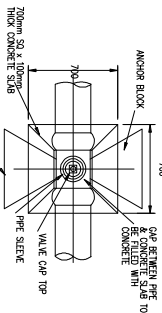


ELEVATIONS, RETICULATION VALVE AND SLEEVED VALVE CHAMBER INSTALLATION DETAILS

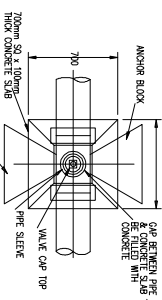
PLAN - VALVE BOX FOR
50-300ND FLANGED PIPEWORK
SCALE 1:30



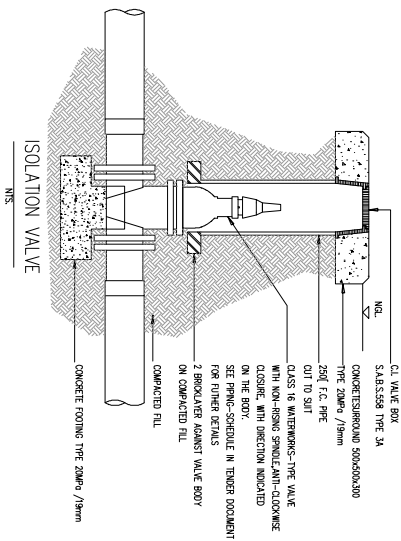
PLAN - VALVE BOX FOR
63-200ND PVC PIPEWORK
SCALE 1:30

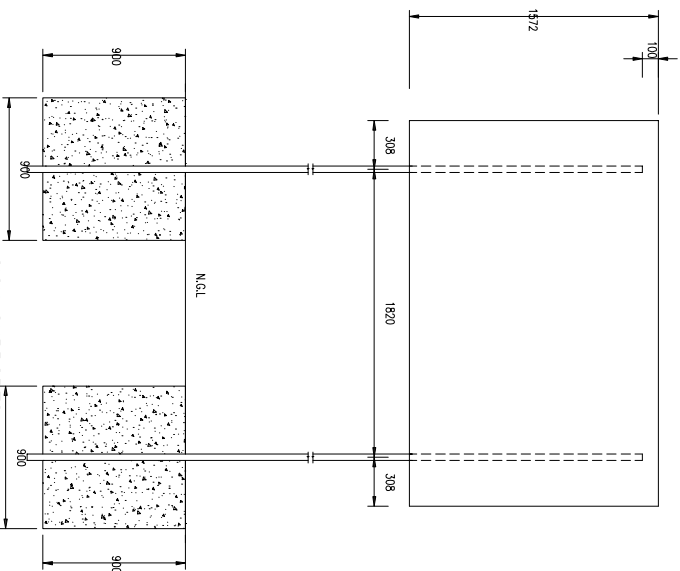
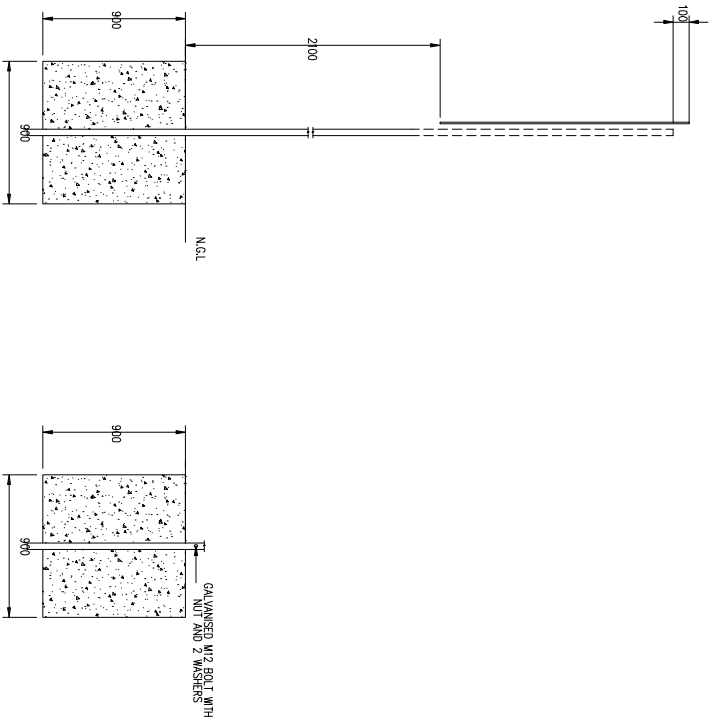


PLAN - VALVE BOX FOR
50-300ND FIBRE CEMENT PIPEWORK
SCALE 1:30



PLAN VIEW, RETICULATION VALVE AND SLEEVED VALVE CHAMBER INSTALLATION DETAILS





SIGN SUPPORTS
SCALE 1:20

SCALE 1:20

 CHEF ALBERT WUTHILL LOCAL MUNICIPALITY P.O. Box 24 CHIRORINE 7865 Tel: +27 17 843 4084 Fax: +27 17 843 4100	CONSULTANT:  74 Von Wijk Street, Magsburg Gauteng 2001 Tel: 27 11 939 5391 Fax: 27 11 939 5390 Email: info@smce.com www.smce.com		PROJECT NAME: REPLACEMENT OF AC PIPE IN EMPULUZI – WARD 4		PROJECT No. ALM/MCE-06/W1001		DESIGNED T/N No		JANUARY 2022 DATE		SHEET AS SHOWN 1 OF 1	
	DESCRIPTION: CONTRACT NAME BOARD DETAIL		CONTRACT No. ALM/MCE-06/W1001		CHECKED S/N 1		ISSUED FOR TENDER 15/09/2022		DRAWING No ALM/MCE-06/W1001			
	DATE 14/09/2022				CHECKED DATE							