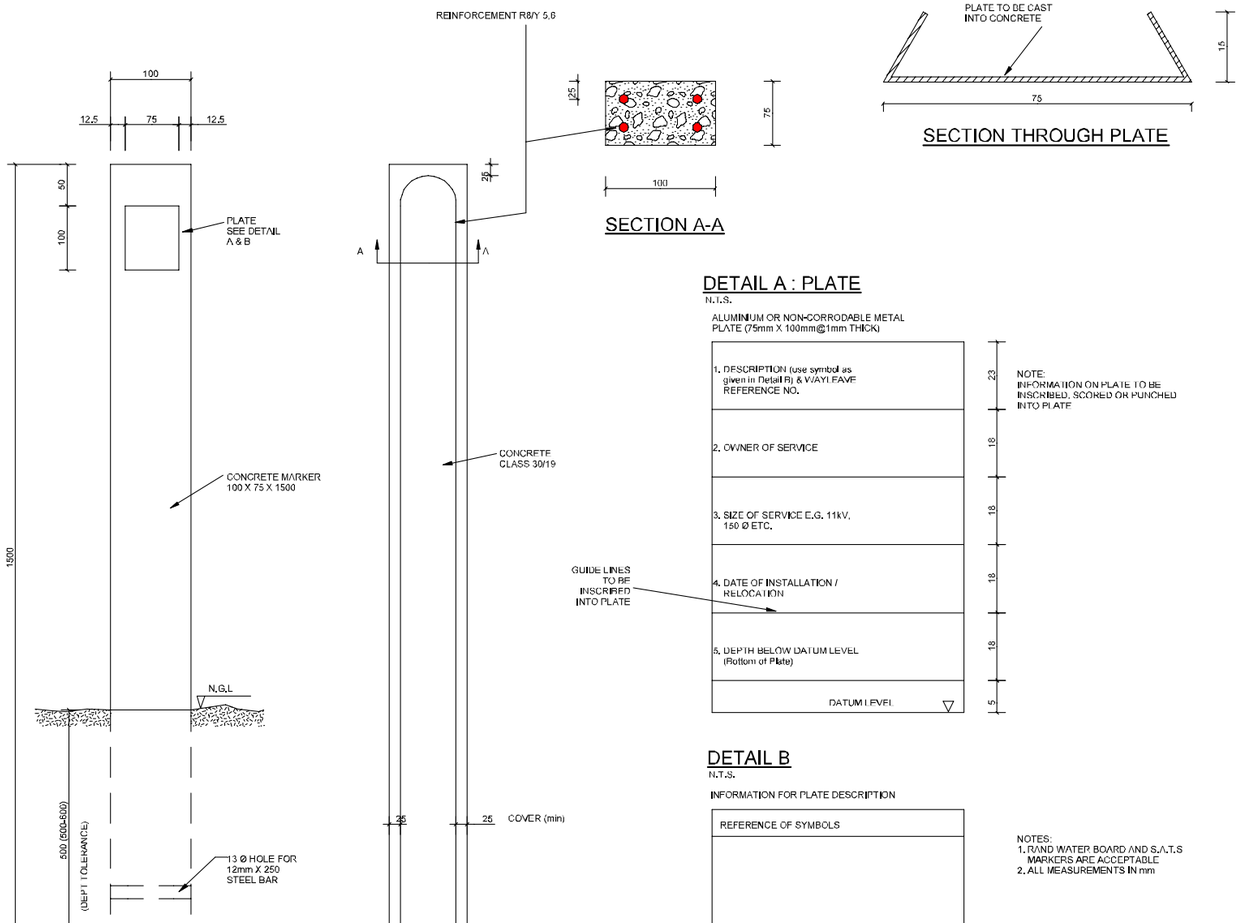
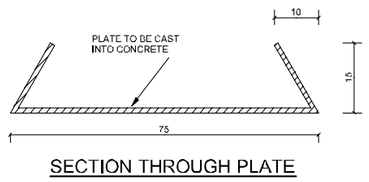


FRONT ELEVATION
N.T.S.

REINFORCING DETAIL
N.T.S.



SECTION THROUGH PLATE

SECTION A-A

DETAIL A : PLATE

N.T.S.

ALUMINIUM OR NON-CORRODABLE METAL PLATE (75mm X 100mm@1mm THICK)

1. DESCRIPTION (use symbol as given in Detail B) & WAYLEAVE REFERENCE NO.
2. OWNER OF SERVICE
3. SIZE OF SERVICE E.G. 11kV, 150 Ø ETC.
4. DATE OF INSTALLATION / RELOCATION
5. DEPTH BELOW DATUM LEVEL (Bottom of Plate)
DATUM LEVEL ▽

23
18
18
18
18
5

NOTE:
INFORMATION ON PLATE TO BE INSCRIBED, SCORED OR PUNCHED INTO PLATE

GUIDE LINES TO BE INSCRIBED INTO PLATE

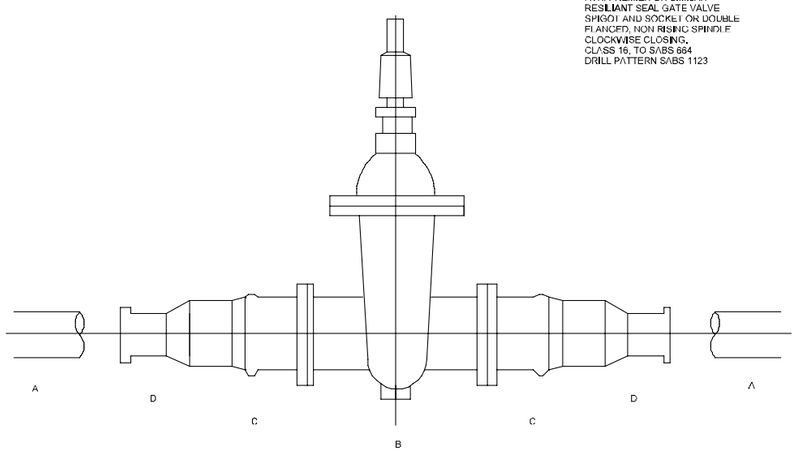
DETAIL B

N.T.S.

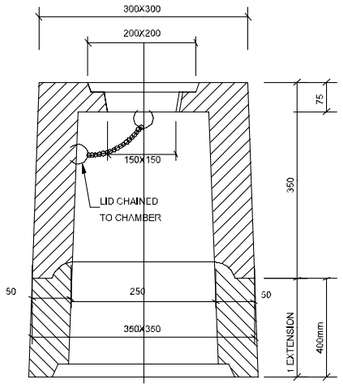
INFORMATION FOR PLATE DESCRIPTION

REFERENCE OF SYMBOLS
W - WATER PIPE T - GPO SERVICE G - GAS (N = NITROGEN, O = OXYGEN) P - PRODUCTS (eg. : OIL PRODUCTS LINE) E - ELECTRICITY R - SEWER S - STORMWATER I - IRRIGATION WATER <- SUB-SURFACE DRAIN (DENOTES START AND ENDING)

NOTES:
1. RAND WATER BOARD AND S.A.T.S MARKERS ARE ACCEPTABLE
2. ALL MEASUREMENTS IN mm



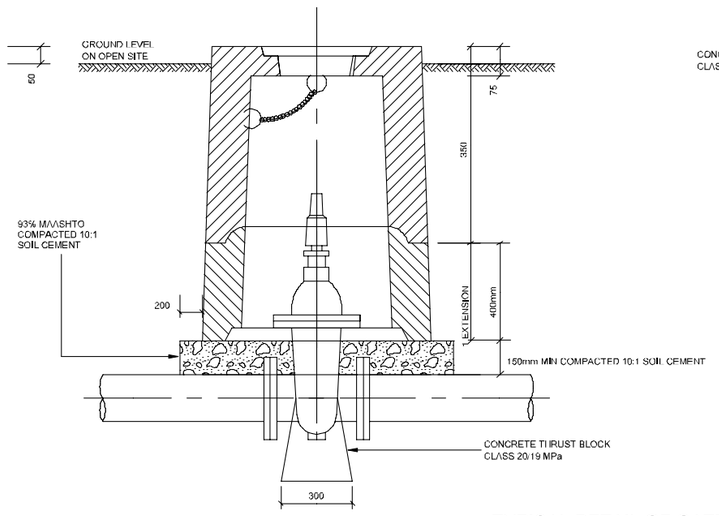
A PIPE SIZE	B VALVE SIZE	C FLANGE ADAPTOR	D REDUCER
75	80mm	2x90mm	2x90x75
90	80mm	2x90mm	-
110	100mm	2x110mm	-
160	150mm	2x160mm	-
200	200mm	2x200mm	-



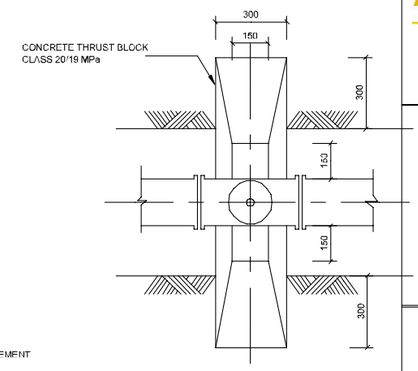
SECTION OF GATE VALVE BOX
N.T.S.
(SALBERG VALVE/METER BOX
(TYPE 3 HEAVY DUTY)
WITH ONE 400mm EXTENSION

NOTES :

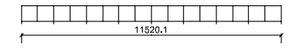
VALVE BOXES AND CONCRETE COLLARS MUST BE PAINTED WITH PLASCON TP 24 (white) PAINT.



TYPICAL DETAIL OF GATE VALVE
(VALVES EQUAL AND SMALLER THAN 300mm IN DIAMETER)
N.T.S.



PLAN



Notes/Notas

Amendment/Wysiging

No Nr.	Date Datum	Checked Nagesien	Description Beskrywing

TFC ENGINEERS & Project Managers
Established 2000
P.O.BOX 15110
NELSPRUIT
1200
TEL: (013) 752 7475
EMAIL: info@tfce.co.za

Designed Ontwerp	JJ	Traced Nagetrek	
Drawn Geteken	JJ	Checked Nagesien	

Project
Projek

Consulting Eng./Raadgewende Ing. — Date/Datum

Client/Kliënt — Date/Datum

Client/Kliënt

CITY OF MBOMBELA
THE ULTIMATE DESTINATION
CITY OF MBOMBELA LOCAL MUNICIPALITY
P.O.BOX 45
NELSPRUIT
1200

Project/Projek

UPGRADING OF NOORD KAAP WATER SUPPLY SCHEME

Plan Description/Planbeskrywing

ISOLATION VALVE, CHAMBER AND PIPE MARKER DETAIL

Scale/Skaal	Date/Datum
AS SHOWN	FEB 2023

Plan No

NS 3306/03