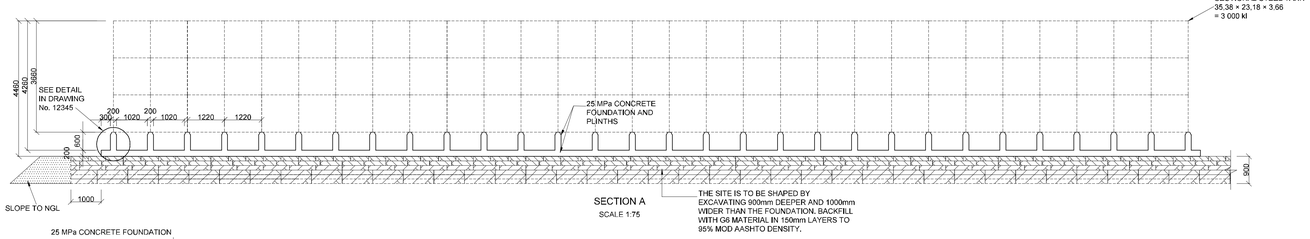
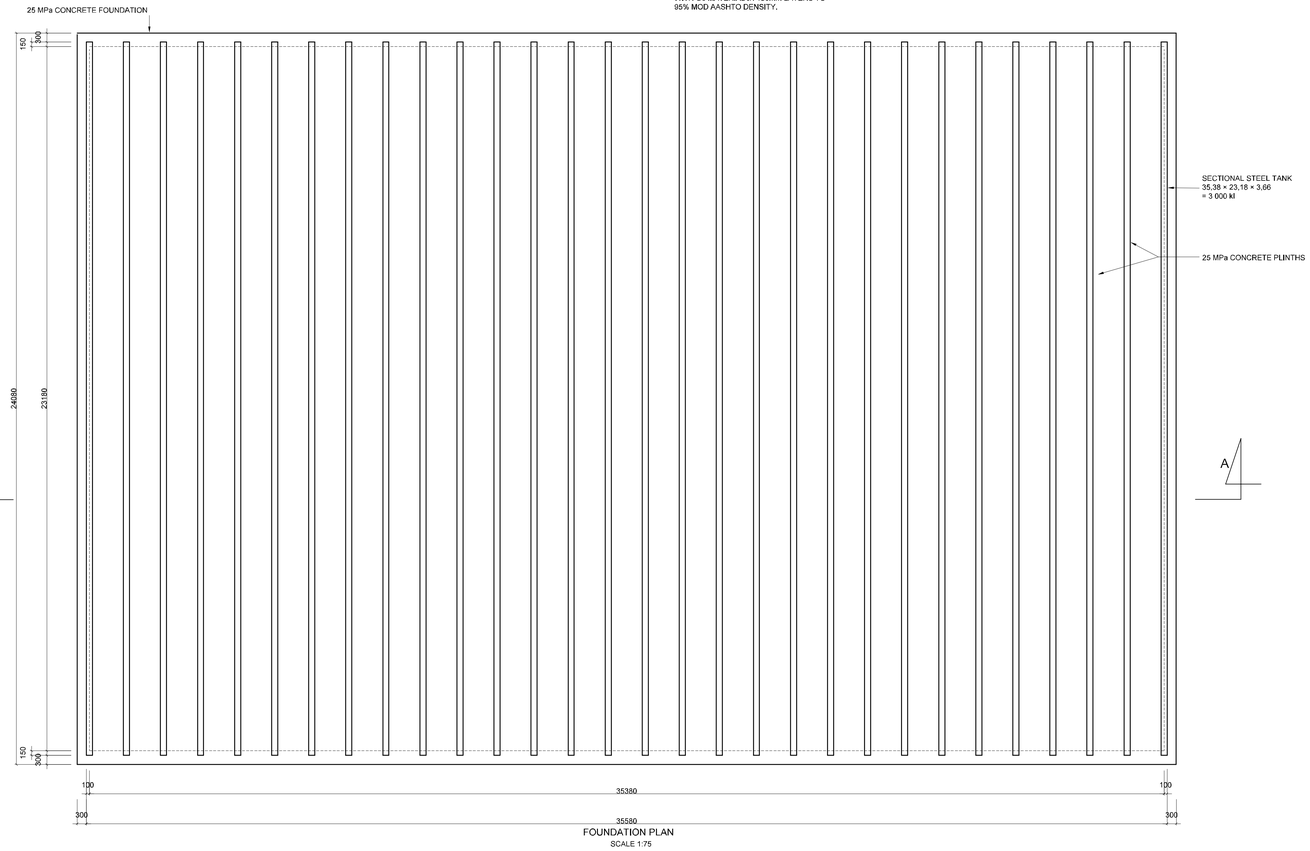
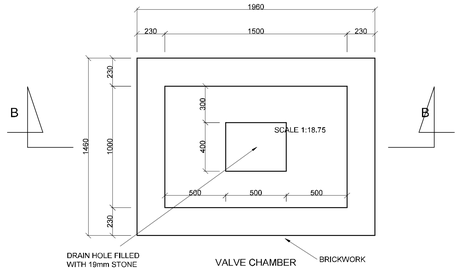
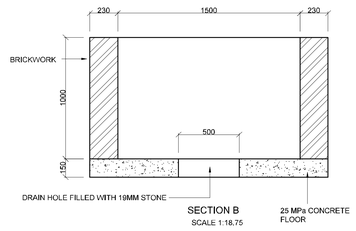


SECTION A
SCALE 1:75

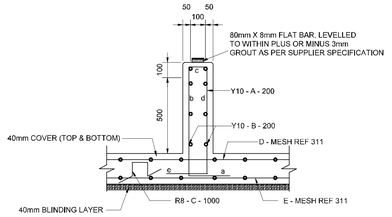


FOUNDATION PLAN
SCALE 1:75





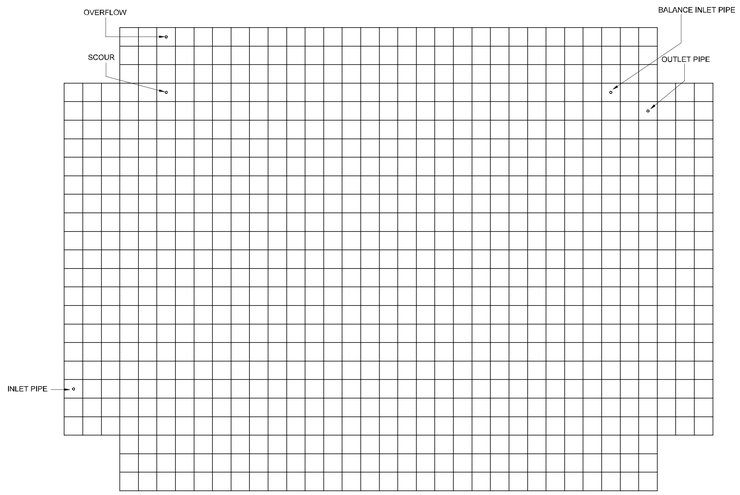
SECTION B
SCALE 1:18,75



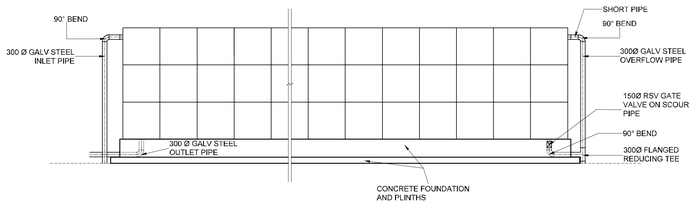
PLINTH REINFORCEMENT DETAIL
SCALE 1:15

BENDING SCHEDULE

Mark	Type	Number in each	Total Number	Length	Weight	Code	A	B	C	D	E
A	Y10	117	3510	2480	5371 kg	55	470	710	120	710	470
B	Y10	8	240	23400	3465 kg	37	150				
C	R8	650	650	500	125 kg	83	100	90	100	100	
D	MESH REF 311		871 SQUARE METERS								
E	MESH REF 311		871 SQUARE METERS								



PIPE POSITIONS ON TANK
SCALE 1:150



PIPEWORK AT TANK
SCALE 1:75

STEEL PIPEWORK

ALL PIPEWORK TO BE FLANGED AND GALVANIZED
AS INDICATED
PIPE LENGTHS ARE APPROXIMATE
ALL PIPEWORK TO BE MEASURED ON SITE FOR EXACT LENGTHS

GENERAL NOTES:

1. THIS DRAWING MUST BE READ TOGETHER WITH THE OTHER DRAWINGS. ALL DISCREPANCIES MUST BE CLARIFIED WITH THE ENGINEER PRIOR TO THE CONSTRUCTION OF THE WORKS.
2. CONCRETE WORK:
   CONCRETE STRENGTH 25MPa AFTER 28 DAYS
   CONCRETE COVER 40mm
   25 × 25mm CHAMFERS TO ALL SHARP EDGES ABOVE FINAL GROUND SURFACE.
3. THE ENGINEER MUST APPROVE ALL REINFORCING PRIOR TO THE CASTING OF CONCRETE. THE ENGINEER MUST BE INFORMED AT LEAST 24 HOURS PRIOR TO INSPECTION.
4. EARTHWORKS:
   THE EXISTING TANK MUST BE REMOVED.
   THE SITE IS TO BE SHAPED BY EXCAVATING 1000mm WIDER THAN THE FOUNDATION.
   BACKFILL WITH G6 MATERIAL IN 150mm LAYERS TO 95% MOD AASHTO DENSITY.

6056

Notes/Notas

Amendment/Wysiging

No. Nr.	Date Datum	Checked Nagesien	Description Beskrywing

ENGINEERS & Project Managers
Established 2000
PO BOX 15110
NELSPRUIT
1200
TEL NO: 013 752 7475
EMAIL: info@tfce.co.za

Designed Ontwerp		Traced Nagetrek	
Drawn Geteken		Checked Nagesien	

Pr.Eng. Pr.Ing.

Consulting Eng./Raadgewende Ing. Date/Datum

Client/Klient Date/Datum

Client/Klient

CITY OF MBOMBELA
THE ULTIMATE DESTINATION

Project/Projek

ADDITIONAL 3,5 Mℓ
RESERVOIR
FOR HAZYVIEW

Plan Description/Planbeskrywing

SECTIONAL STEEL
RESERVOIR
DETAIL

Scale/Skaal	Date/Datum
	July 2022

Plan No.

NS 3293/02