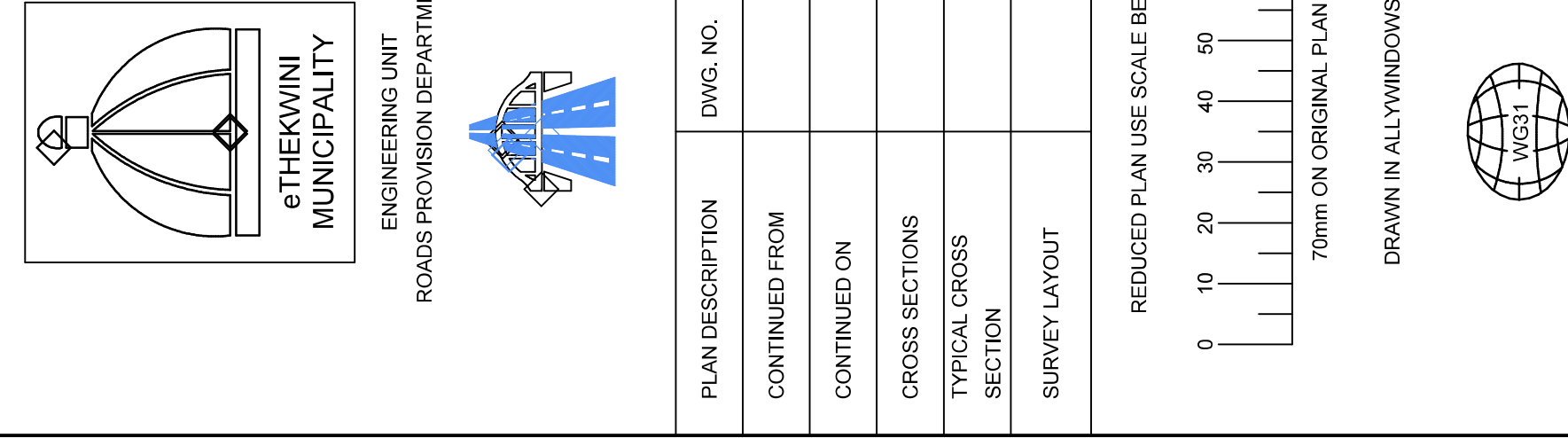


30°57'11.962"E 29°42'54.841"S



Revision	Date	Description
----------	------	-------------

North Point
Ensemble
Tosca

DATE	SERVICE	DATE	SIGNATURE
	S.W.DRAINS		
	SEWERS		
	WATER MAINS		
	G.P.O. CABLES		
	ELECTRIC CABLES		
	S.A.R. CABLES		
	E.S.C. CABLES		
	OIL PIPE LINE		

Notes

Contract No
1R-23942

Project Title

FLOOD DAMAGE REMEDIATION ON
SINAMUVA DRIVE AND MTHOLO PL IN
INANDA AND NTUZUMA, WARDS 55,
42 AND 107

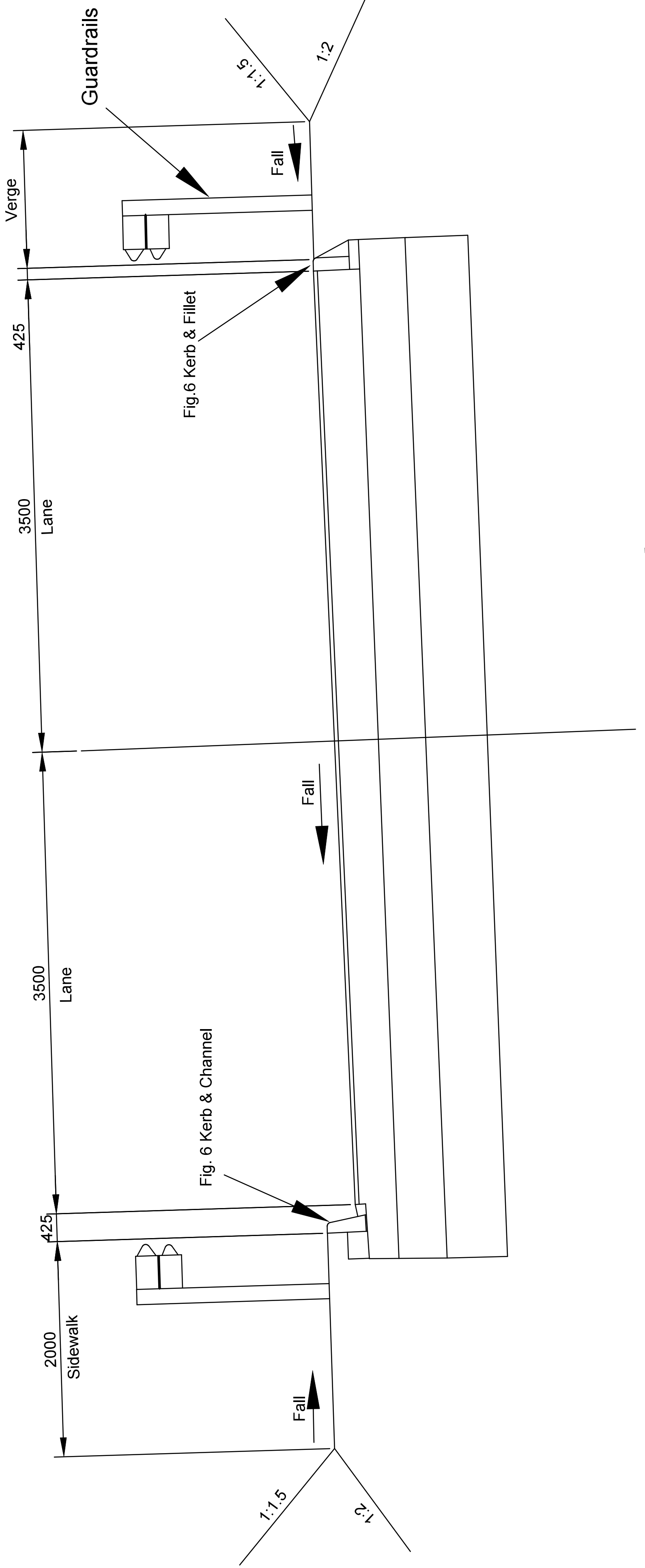
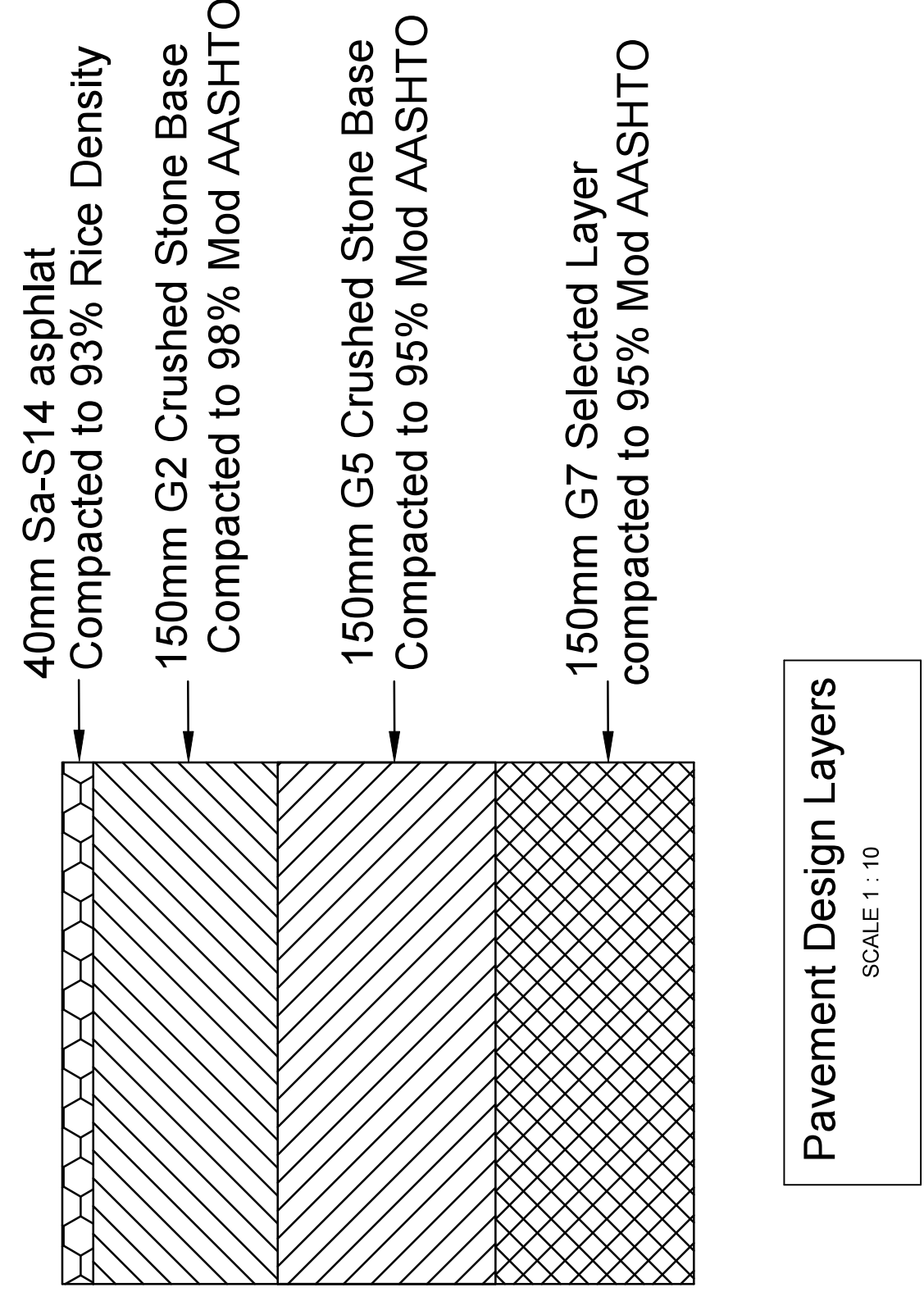
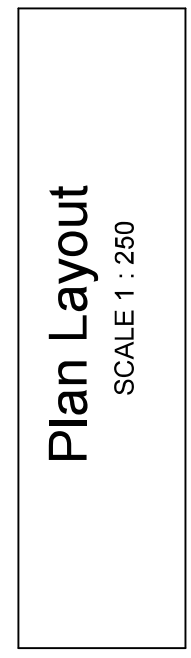
Drawing Title

PLAN LAYOUT
TYPICAL CROSS SECTION
PAVEMENT DESIGN LAYERS

Scalors	Reference
1400	
Designed	Date
S.MYEZA	03-03-2023
Checked	Date
N.PARSHOTAM	03-03-2023

PROJECT LEADER:	
PROJECT EXECUTIVE: RP	

Drawing No	Sheet of Sheets
------------	-----------------------



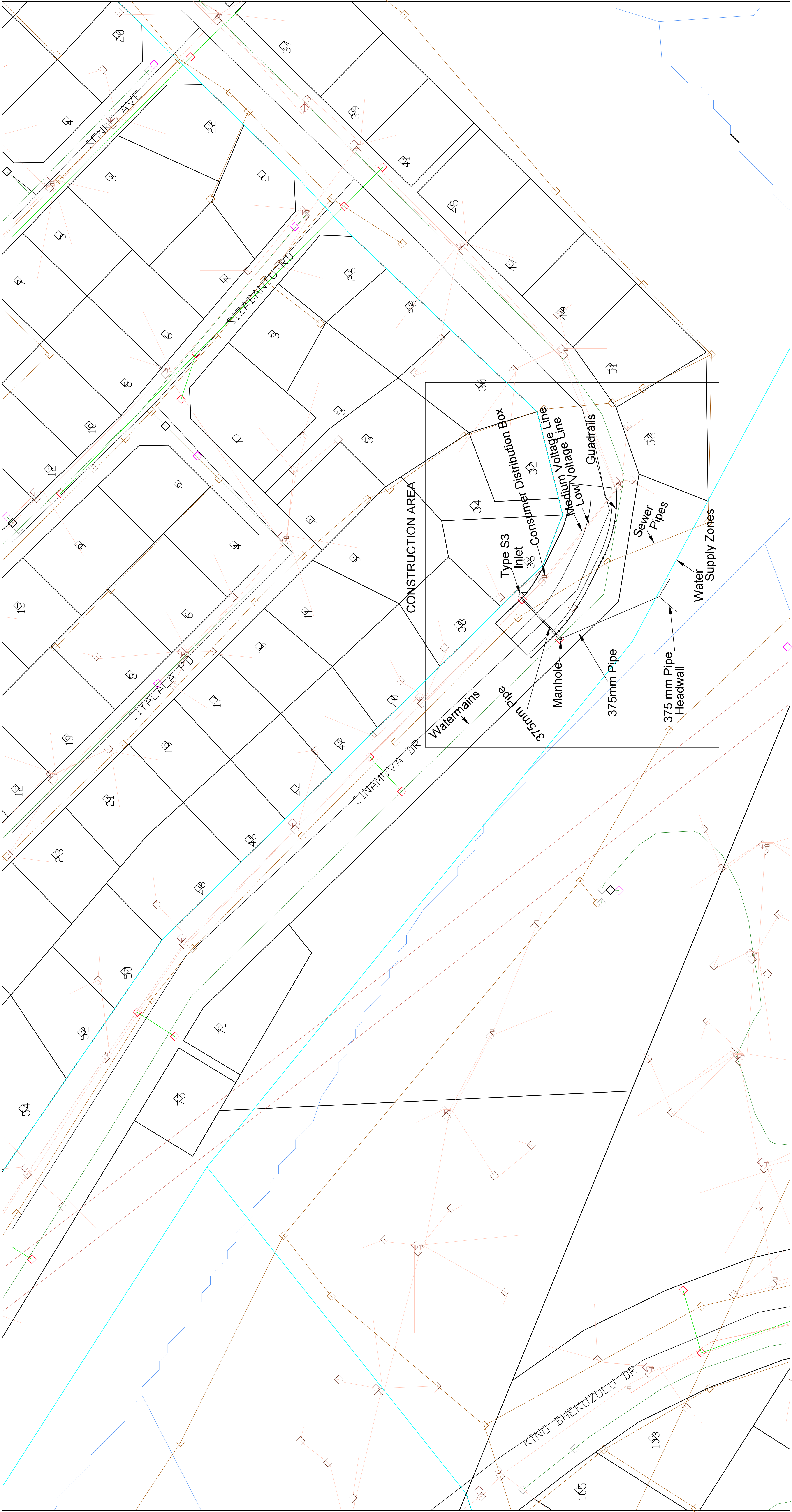
TYPICAL CROSS SECTION

SCALE 1:25

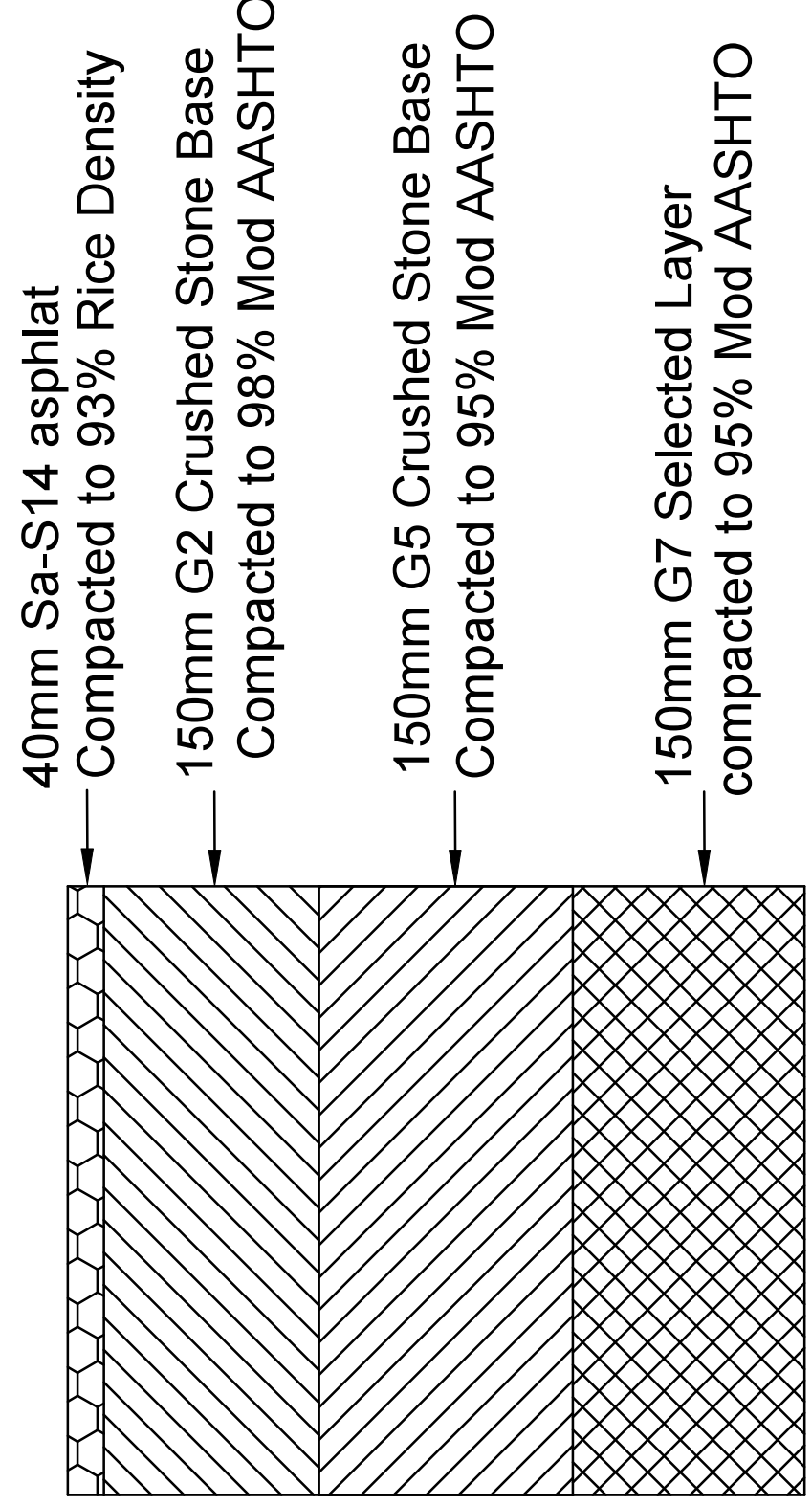
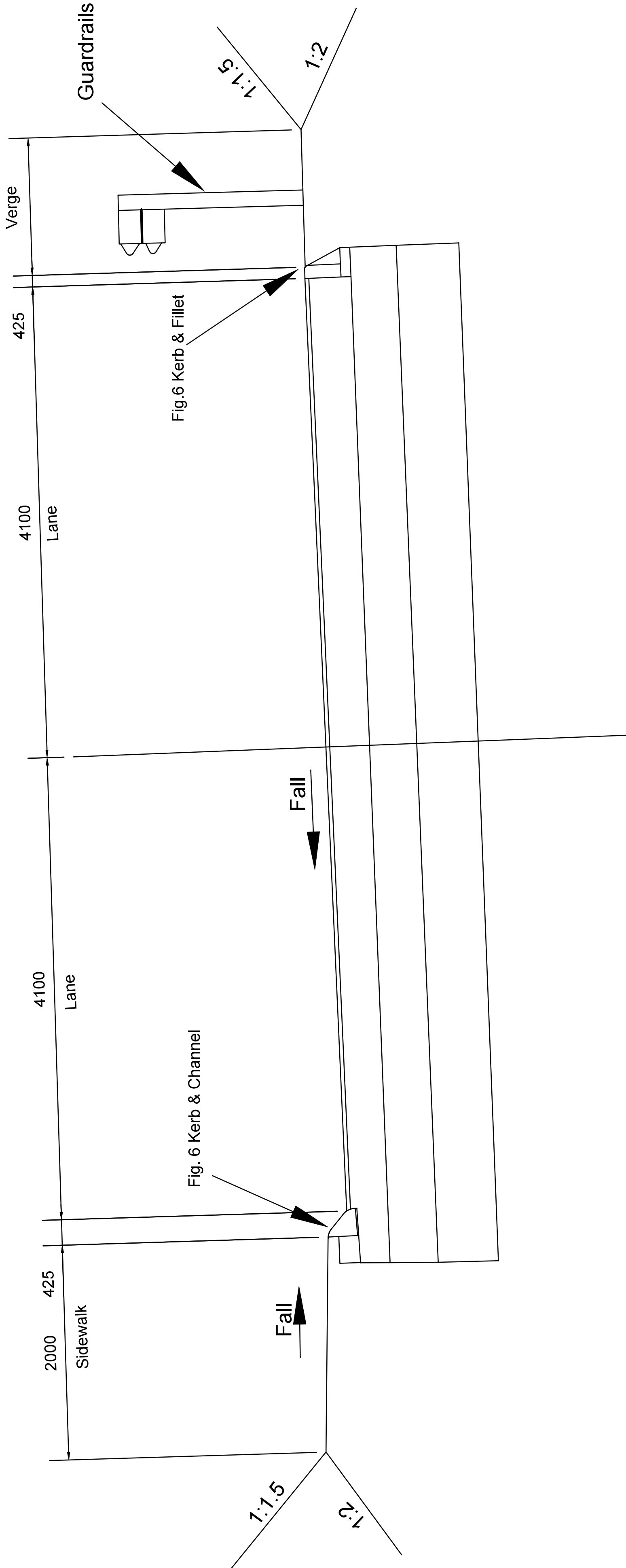
FOR CONSTRUCTION

SINAMUVA DRIVE (2)

CO ORDINATES
30°57'33.616"E 29°43'12.395"S



Plan Layout
SCALE 1 : 250

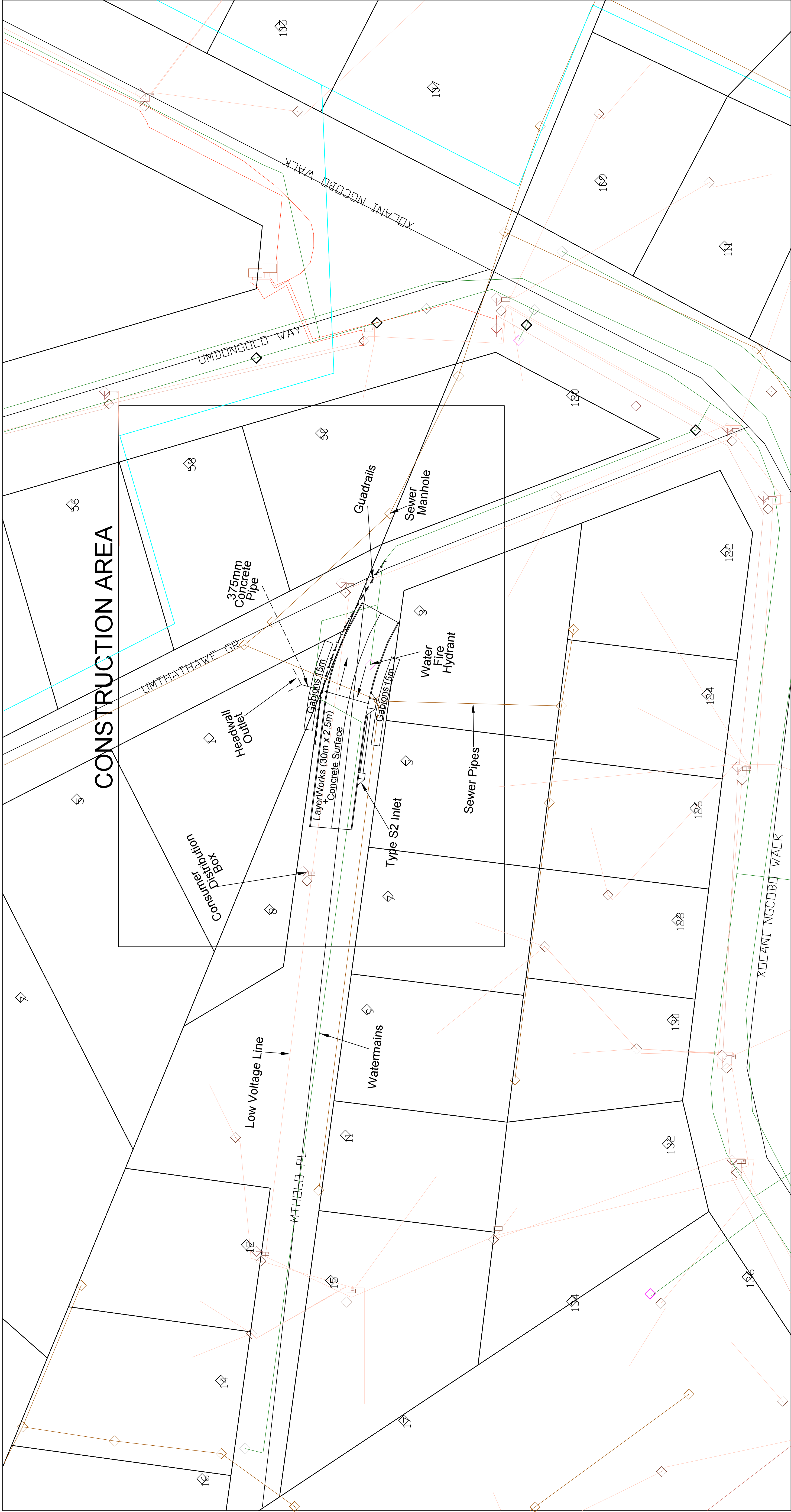


TYPICAL CROSS SECTION
SCALE 1 : 25

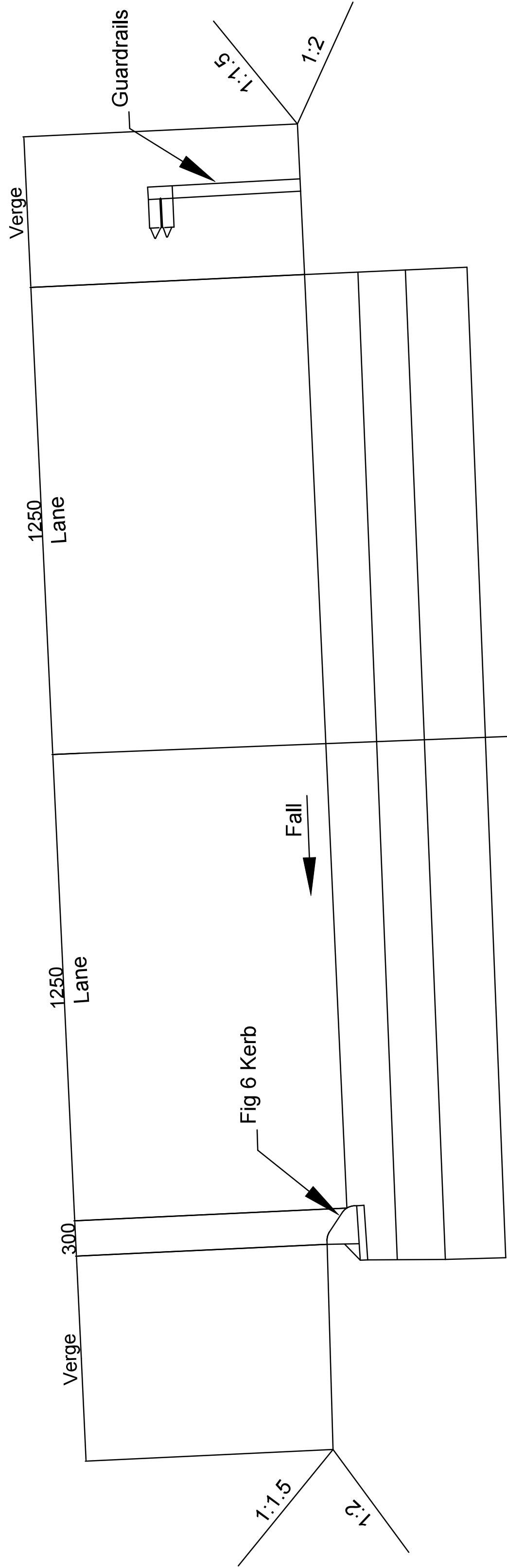
FOR CONSTRUCTION



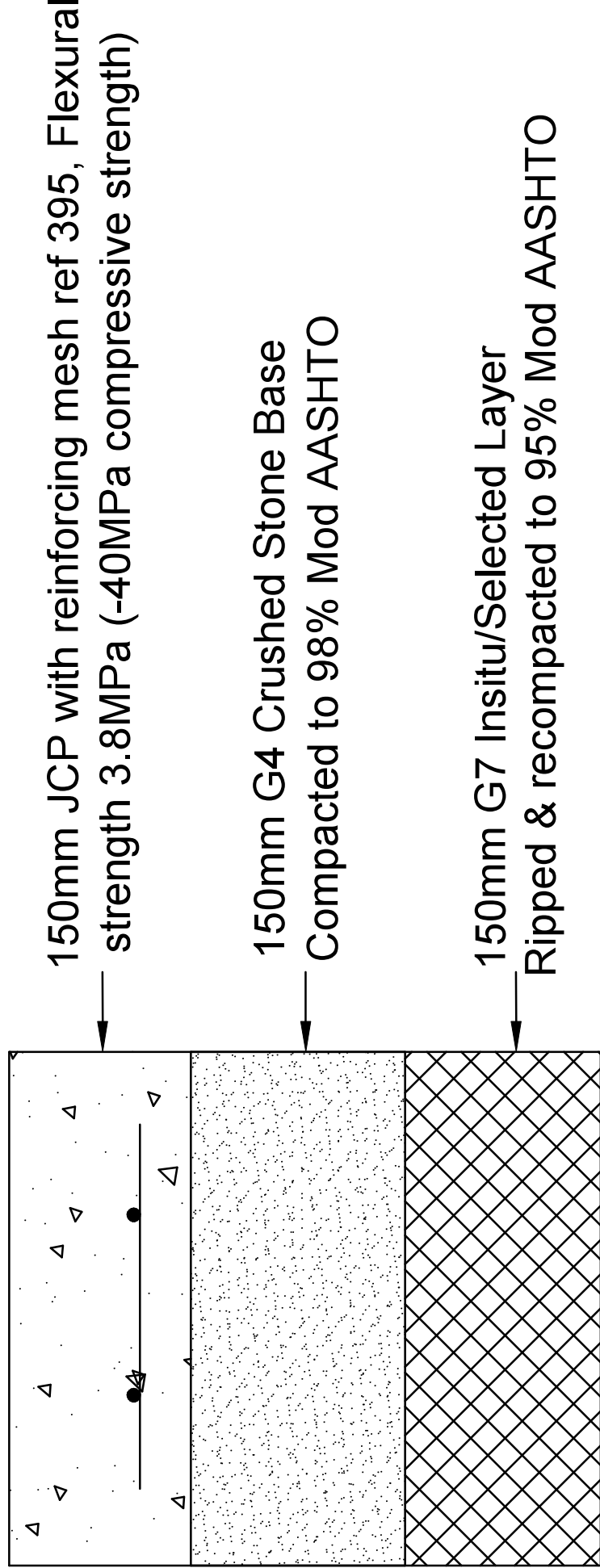
MTHOLO PLACE
CO ORDINATES
30°57'40.928"E 29°43'17.321"S



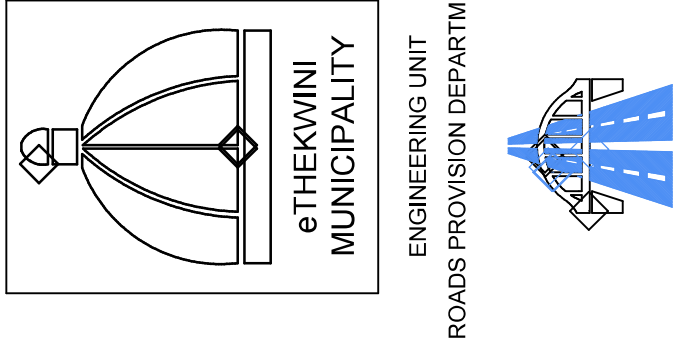
Plan Layout
SCALE 1 : 250



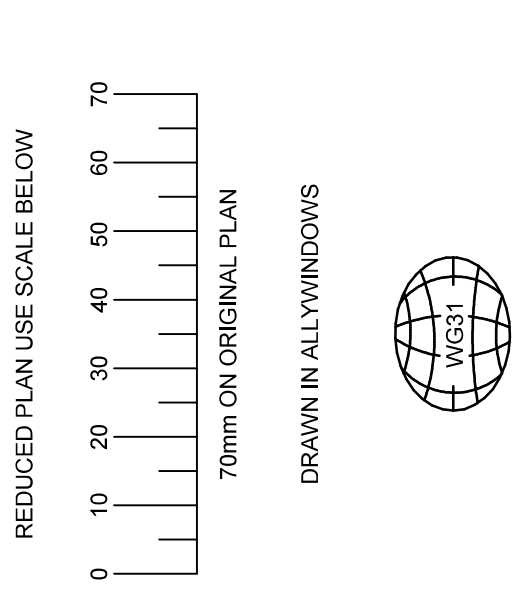
TYPICAL CROSS SECTION
SCALE 1 : 25



Pavement Design Layers
SCALE 1 : 10



PLAN DESCRIPTION	DWG NO.
CONTINUED FROM	
CONTINUED ON	
CROSS SECTIONS	
TYPICAL CROSS SECTION	
SURVEY LAYOUT	



Revision	Date	Description

Date	Engineer	UNDESIGNED SERVICES CHECKED	NORTH	POINT
		SERVICE	DATE	SIGNATURE
		SEWERS		
		WATER MAINS		
		ELECTRIC CABLES		
		S.A.B. CABLES		
		E.S.C. CABLES		
		WATER PIPE LINE		

Protection of undamaged services during construction

Contract No.	1R-23942
--------------	----------

Project Title
FLOOD DAMAGE REMEDIATION ON
SINAMUVA DRIVE AND MTHOLO PL IN
INANDA AND MTUZUMA, WARDS 55,
42 AND 107

Drawing Title
PLAN LAYOUT
TYPICAL CROSS SECTION
PAVEMENT DESIGN LAYERS

Scales	Reference
1:400	

Designed	Date
S.MYEZA	03-03-2023

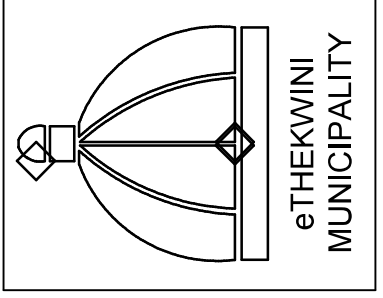
Checked	Date
N.PARSHOTAM	03-03-2023

PROJECT LEADER:

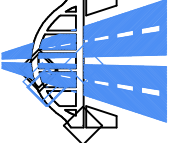
PROJECT EXECUTIVE RP

Drawing No	Sheet of	Scale

FOR CONSTRUCTION

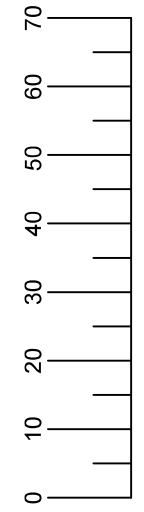


ENGINEERING UNIT
ROADS PROVISION DEPARTMENT



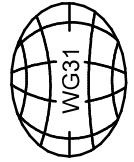
PLAN DESCRIPTION	DWG. NO.
CONTINUED FROM	
CONTINUED ON	
CROSS SECTIONS	
TYPICAL CROSS SECTION	
SURVEY LAYOUT	

REDUCED PLAN USE SCALE BELOW

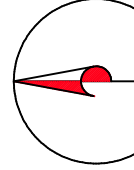


70mm ON ORIGINAL PLAN

DRAWN IN ALL WINDOWS



Revision	Date	Description



This	Engineer	POINT
UNDERGROUND SERVICES CLEARED	SIGNATURE	
SOURCE	DATE	
SEWERS		
WATER MAINS		
STORMWATER		
ELECTRIC CABLES		
SAFETY CABLES		
E.S.C. CABLES		
OIL PIPELINE		

Notes

Protection of undamaged services during construction

Contract No
1R-23942

Project Title

FLOOD DAMAGE REMEDIATION ON
SINAMUVA DRIVE AND MITHOLO PL IN
INANDA AND NTUZUMA, WARDS 55,
42 AND 107

Drawing Title

GABION AND DOWEL DRAWING

Scales	Reference
1:400	

Designed	Date
S. MYEZA	03-03-2023
Checked	Date
N. PARSHOTAM	03-03-2023

PROJECT LEADER:

PROJECT EXECUTIVE RP

Drawing No	Sheet	of

FOR CONSTRUCTION

Gabion

Gabion/ Concrete footing
prepared, placed
packed and laced

Selected
and compacted
backfill

AG Geotextile
(Compact, needle punched)

TYPICAL GABION DRAWING
SCALE 1 : 25

19mm Dowel Bar

Concrete Slab

20mm wide joint sealer

20mm wide compressible filler board

150mm G4 Crushed Stone Base

Dowel cap, end filled with
compressible material

DOWEL DRAWING
SCALE 1 : 25