

POINT NAME	FENCE LENGTH (m)
B - A	58.73
A - J	104.21
J - H	150.87
H - G	165.51
G - F	34.25
TOTAL	513.56

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REV	DESCRIPTION	BY	DATE
01	ISSUED FOR CONSTRUCTION	A.R.	14/12/2020

REVISIONS / ISSUE

CLIENT

PRASA CRE8 (NGR)
CORNER 546 PAUL KRUGER &
SCHEIDING STREETS
PRETORIA STATION
PRECINCT

prasa
PASSENGER RAIL AGENCY
OF SOUTH AFRICA

PROJECT
0001

IRENE STATION
PERIMETER FENCE

TITLE
CONCRETE PALISADE FENCE GENERAL ARRANGEMENT



TLOU TADIMA
PROJECTS (PTY) LTD

1109 JUSTICE MOHAMED STR BROOKLYN PRETORIA 0118	PO BOX 558 THE REEDS 0157	LINE 1: 079 486 0792 LINE 2: 075 980 7842 EMAIL: m@buddadefm.co.za
SCALE	AS SHOWN	DATE
DRAWN	A. RACHOCHI	30/11/2020
DESIGNED	-	-
APPROVED	T. MALA	02/12/2020
REGISTRATION NO.	201330175	

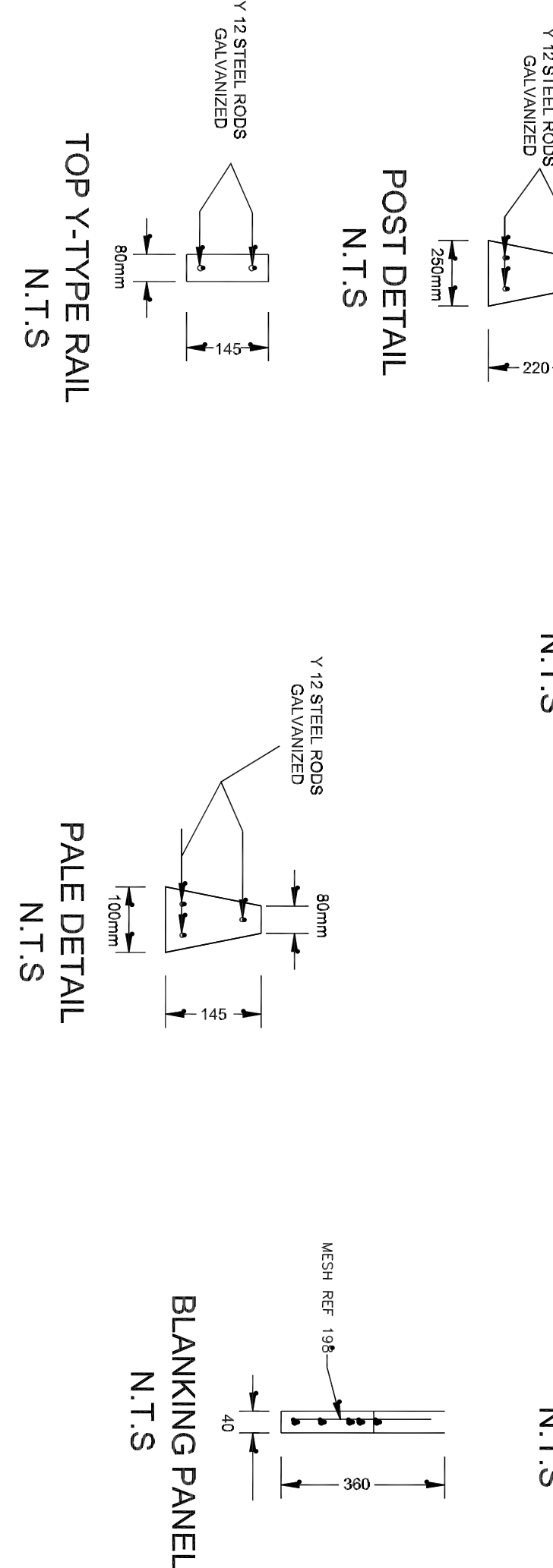
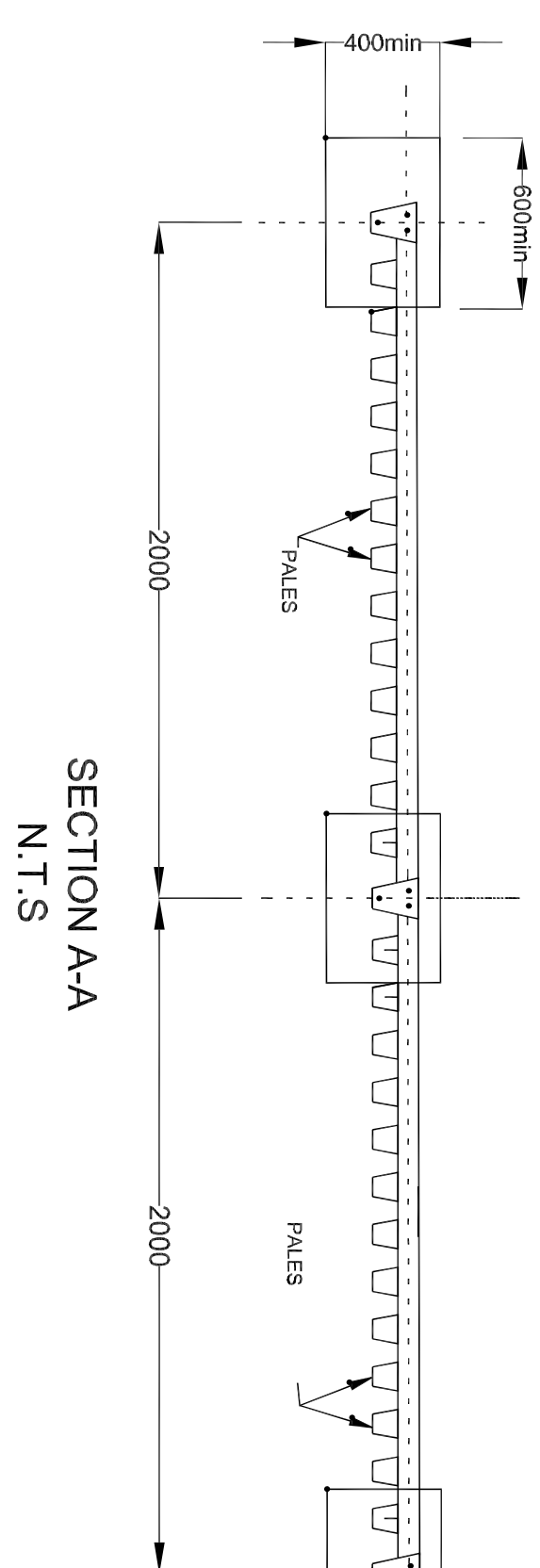
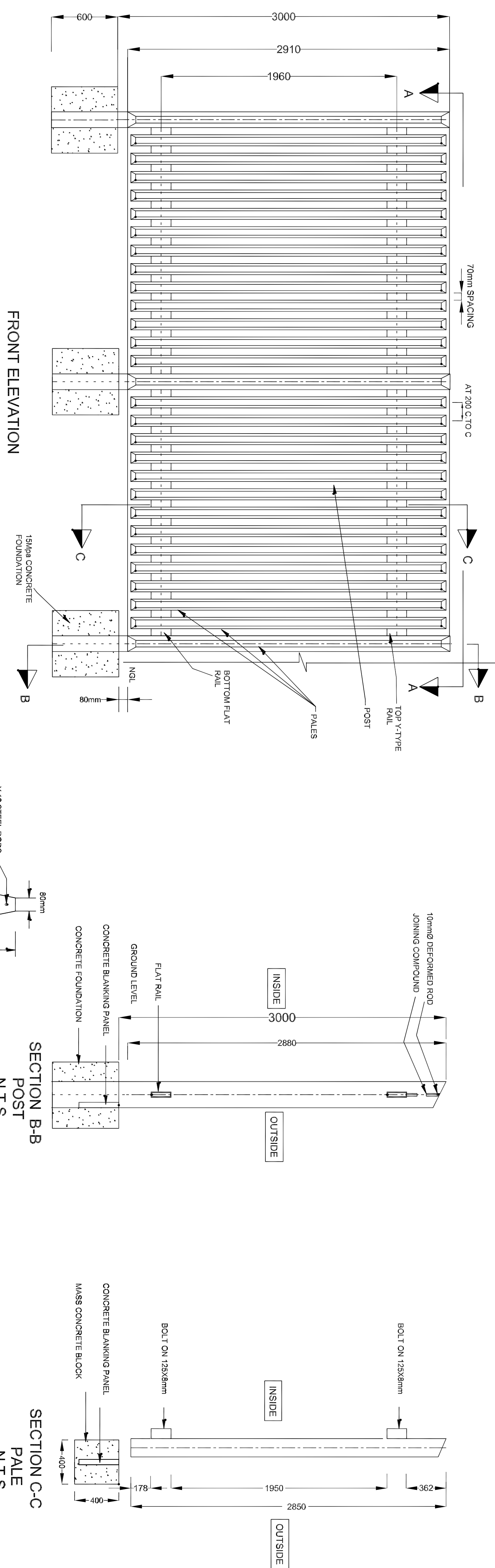
DRAWING NUMBER	A0	REV
	PRASA - IRENE - 001	
CLIENTS DRAWING NUMBER		REV

ISSUED FOR CONSTRUCTION

NOTES:
SPECIFICATION: 2.4m HIGH CONCRETE
PALISADE
POST
HEIGHT 2.4m LENGTH 3m
WIDTH 120mm
FRONT EDGE 80mm TAPERING FROM FRONT
150 AT BACK
GALVANIZED 3 X 1/2 STEEL RODS
GALVANIZED

RAIL
LENGTH 3m
WIDTH 50mm TO 80mm
FRONT EDGE 80mm TAPERING FROM FRONT
150 AT BACK
GALVANIZED 3 X 1/2 STEEL RODS
GALVANIZED

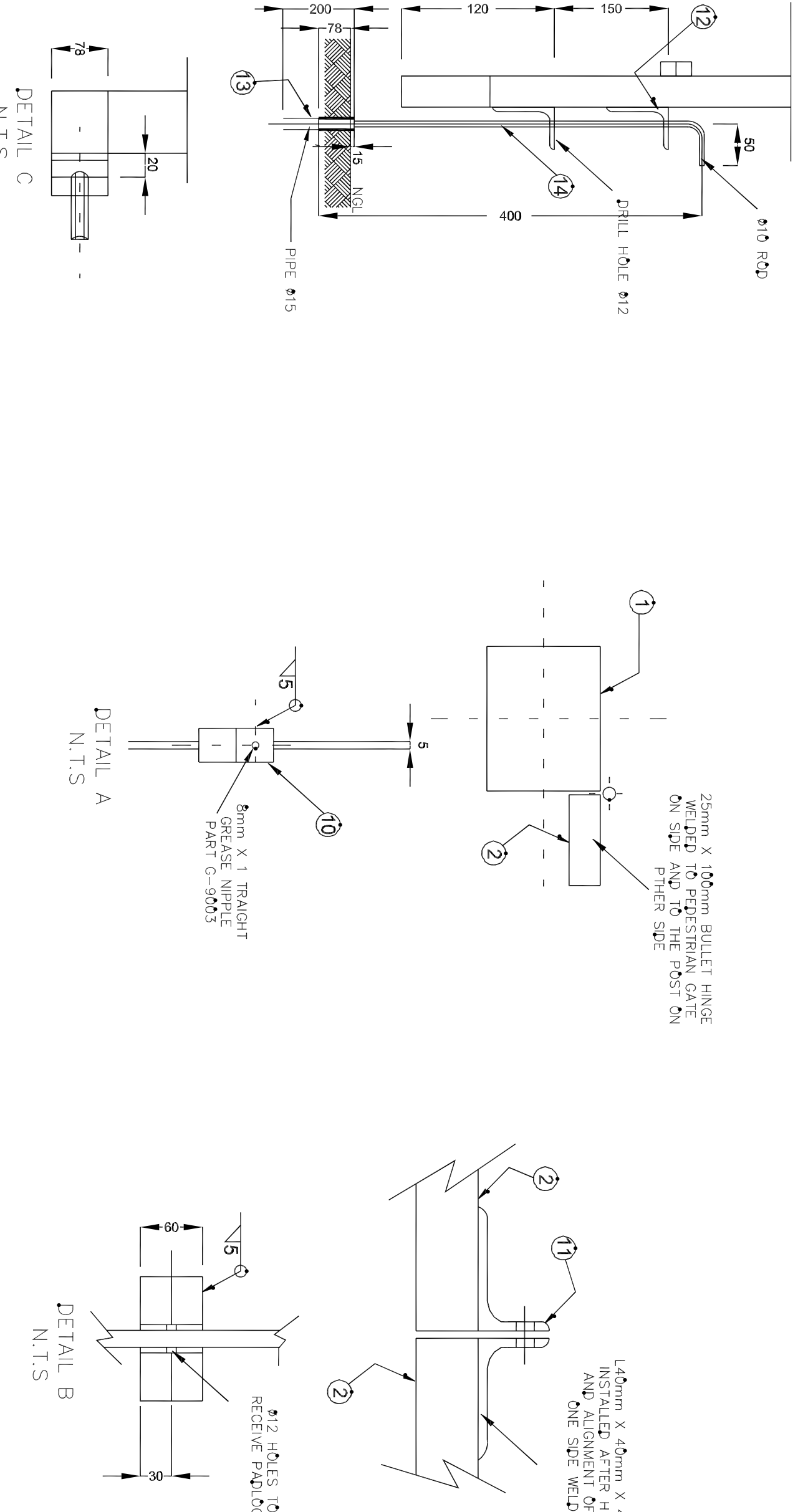
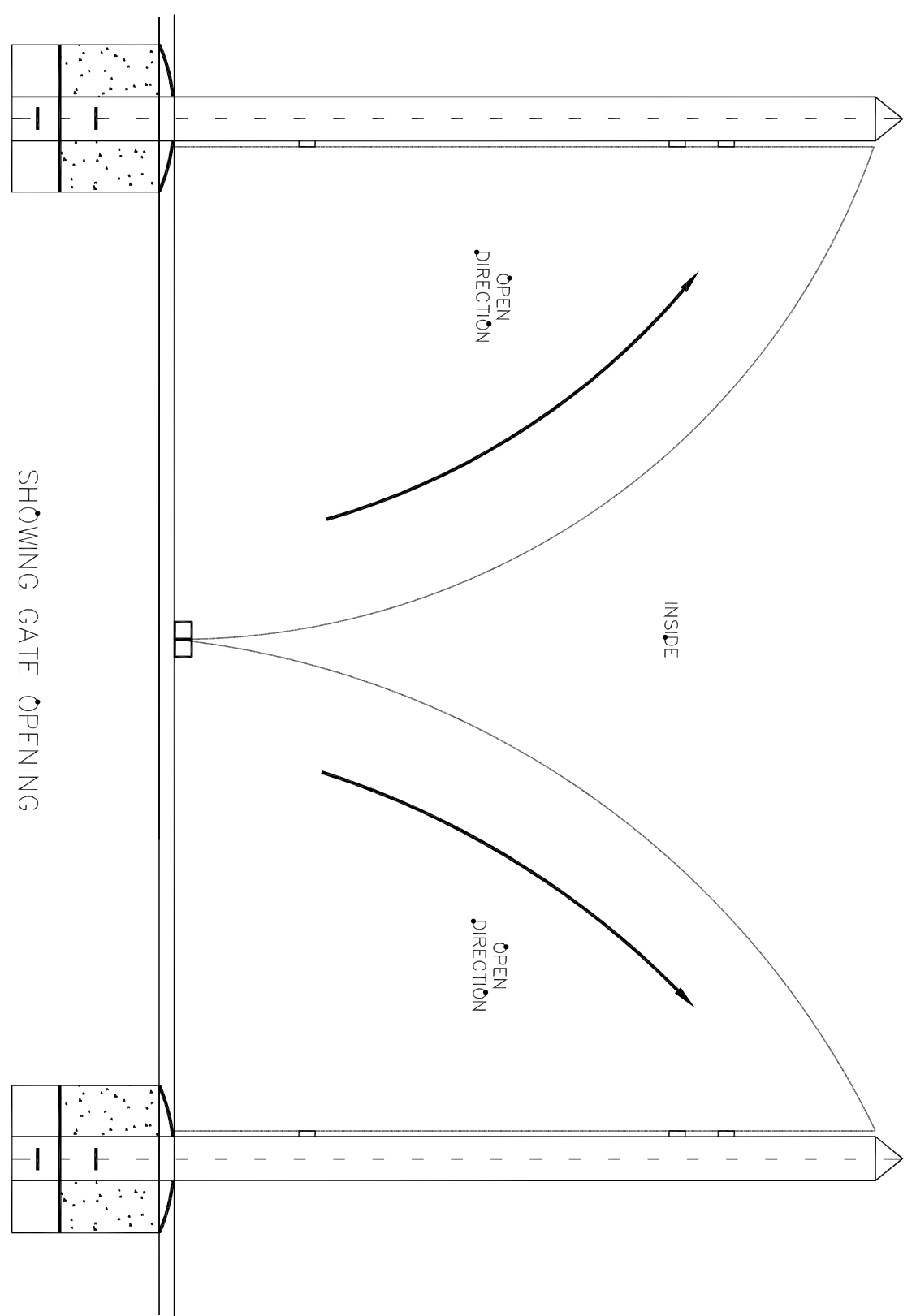
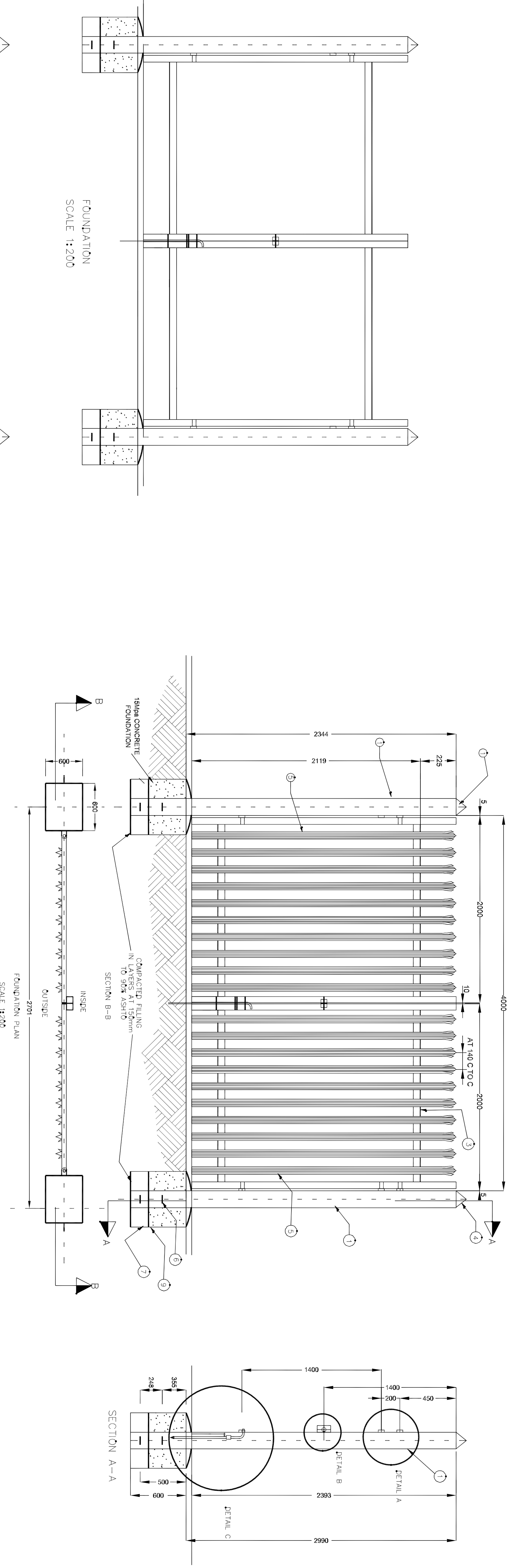
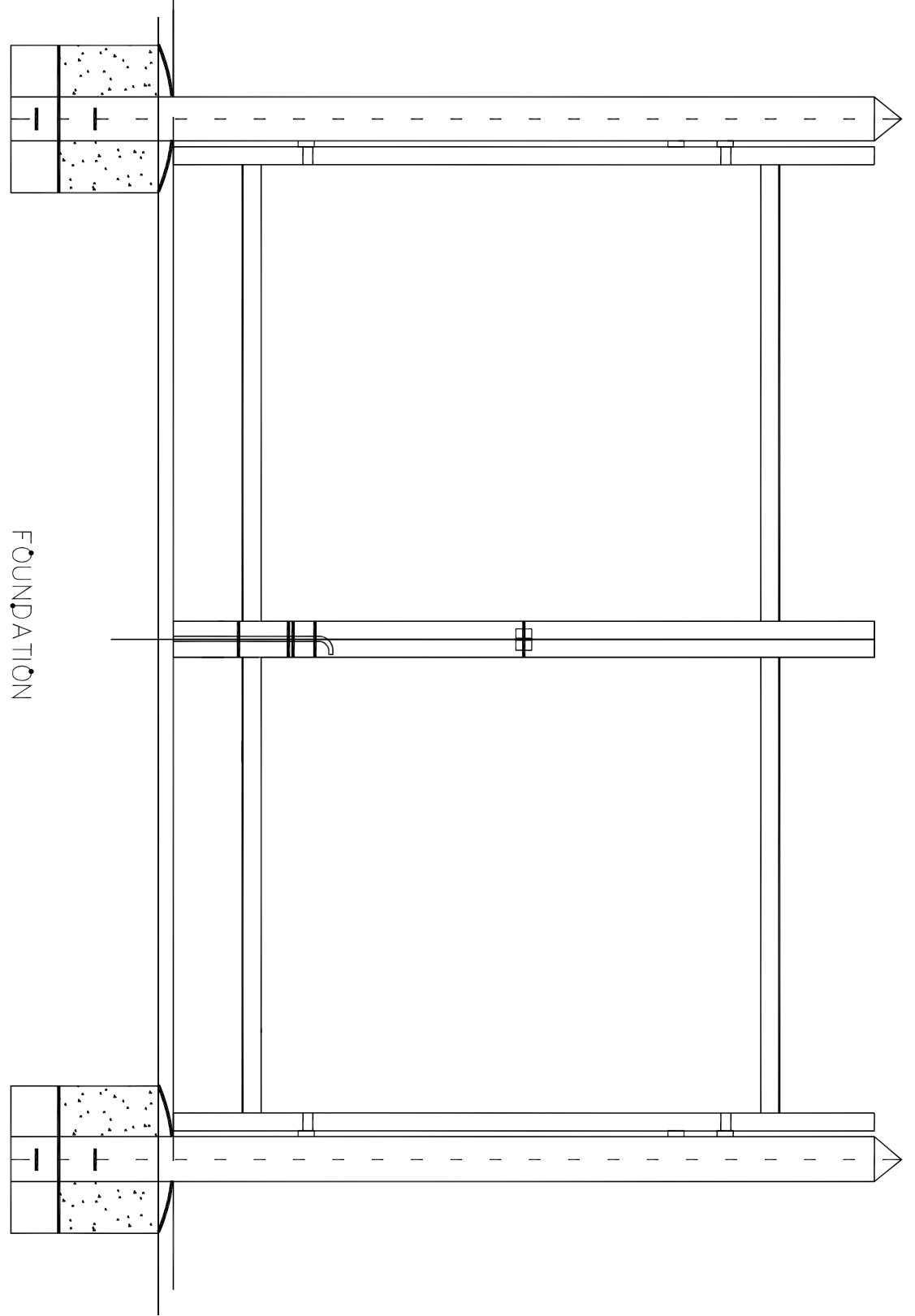
PALISADE
FRONT EDGE: TAPERING FRONT 80mm TO
REINFORCING: 3 X 1/2 RODS GALVANIZED
PALISADE SECURE BY BOLTS AND NUTS



SECTIONS OF PRECAST CONCRETE COMPONENTS PANELS

GENERAL NOTES:

1. STRUCTURAL STEELWORK SHALL BE SET TO CORRESPOND WITH SECTION 05100, STEEL DECK, AND THE DIMENSIONS SPECIFICALLY FOR THIS PROJECT.
2. STRUCTURAL STEEL TO BE GRIND 3555F.
3. ALL POSTS ARE TO BE SET BY WELDING A STEEL CAP OVER THE COILING AT THE TOP.
4. ALL EXCAVATION FOR BASED AND FOOTINGS MUST BE DONE PRIOR TO THE START OF THE CONCRETE BEING CONCRETE PLACED. REINFORCEMENT AND ANCHORS MUST BE INSPECTED AND APPROVED BY THE ENGINEER.
5. ALL DIMENSIONS SHALL BE CHECKED AND APPROVED ON SITE.
6. ALL TIES SHALL BE SUCH THAT THE GATE CANNOT BE REMOVED.
7. ALL STEEL TO BE HOT DIPPED GALVANIZED AFTER INSTALLATION BEFORE GALVANIZING.
8. ALL WELDING TO BE 5mm COMPOUND JOINT FILED WELD.



ITEM	QTY	DESCRIPTION	WEIGHT Kg/m
1	2	GATE POST SQUARE HOLLOW SECT 9996 X 15 X 19 X 2.6	34.08
1	4	REC. HOLLOW SECT 2119 X 76 X 38 X 2.5	36.87
4	4	REC. HOLLOW SECT 2000 X 76 X 38 X 2.5	22.62
3	2	STEEL CAP	---
4	4	PALES 2344 X 140 X 40 X 3	79.39
5	18	ANCHOR PIN 300X10mm	0.37
6	1	GRAVEL 600mm x 600mm x 150mm	---
7	2	BASE PLATE 230 X 219 Xmm x 6mm THK	4.88
8	2	FOUNDATION 600mm x 600mm x 500mm	---
9	2	HINGE 100 x 425	---
10	2	BRACKET 1514mm x 40mm x 60 LG	---
11	2	BRACKET 1514mm x 40mm x 60 LG	---
12	1	PIPE ϕ 15 X 200 LG	---
13	1	PIPE ϕ 15 X 200 LG	---
14	1	PIPE ϕ 15 X 200 LG	---
TOTAL	1		178.81

SECTIONS OF GATE COMPONENTS

ISSUED FOR CONSTRUCTION

REV	DESCRIPTION	BY	DATE
01	ISSUED FOR CONSTRUCTION	A.R	14/12/2020
	REVISIONS / ISSUE		

PRASA CRES (NGR)
CORNER 546 PAUL KRUGER &
SCHEIDING STREETS
PRETORIA STATION
PRETORIA



IRENE STATION
PERIMETER FENCE

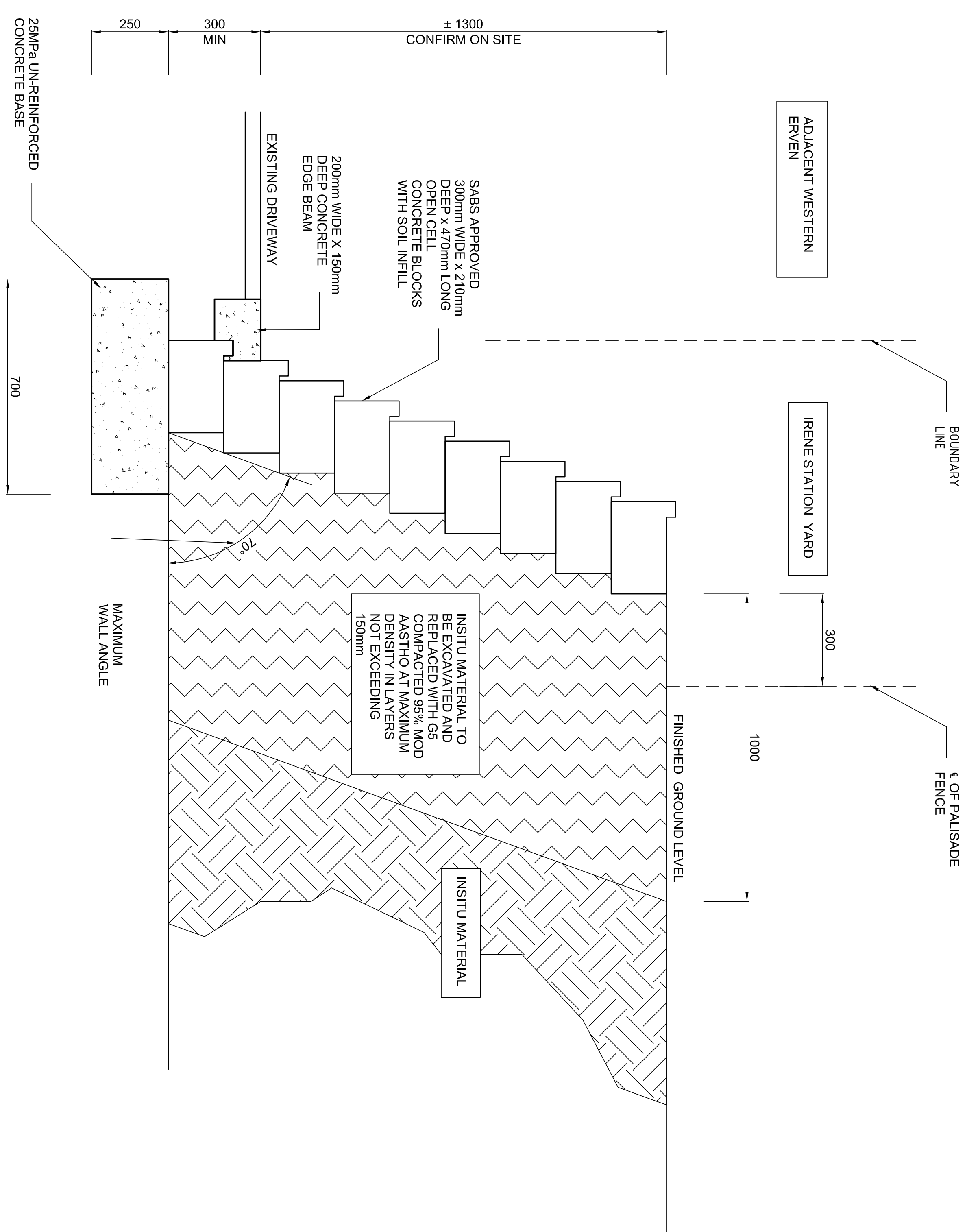
CONCRETE PALISADE FENCE AND GATE DETAILS



TLOU TADIMA
PROJECTS (PTY) LTD

1109 JUSTICE MOHAMED SIR	PO BOX 5558	LINE 1: 079 865 0792
BROOKLYN	THE FREDS	LINE 2: 076 100 7642
PRETORIA	0157	EMAIL: info@iboudariam.co.za
0118		
SCALE	AS SHOWN	DATE
DRAWN	A. RACHOCHI	30/11/2020
DESIGNED	-	-
APPROVED	T. MAMLA	02/12/2020
REGISTRATION NO.	201330175	

DRAWING NUMBER	AO	REV
	PRASA - IRENE - 002	
CLIENTS DRAWING NUMBER		01



GENERAL NOTES

1. IN CASE OF ANY DISPARITIES BETWEEN DIFFERENT SPECIFICATIONS THE PRIORITY WILL BE AS FOLLOWS:
 - a. PROJECT AND SPECIAL SPECIFICATIONS
 - b. STANDARD SPECIFICATIONS (SAS 1200)
 - c. THE NUMBER, POSITION AND DETAIL OF CONSTRUCTION JOINTS IF ANY, MUST BE CONSIDERED IN PREFERENCE TO ANY OTHER FACTORS
 - d. ALL LOADS BE COMBINED WITH SAS 10/60 PERMISSIBLE SUPERIMPOSED LOADS.
 - e. DIMENSIONS MAY NOT BE SCALED.
 - f. ANY DISCREPANCY OR OMISSIONS NOT SHOWN MUST BE POINTED OUT TO THE ENGINEER
 - g. LEGENDS CAN BE FOUND ON APPLICABLE DRAWINGS.
7. ALL UNDERGROUND NEW AND EXISTING SERVICES MUST BE PLACED ABOVE FOUNDATIONS. NEW SERVICES MUST BE SERVICED UNDERGROUND SERVICES PASSING THROUGH WALLS MUST BE ENCASED IN 100mm POLYSTYRENE PIPES.

CONCRETE NOTES

1. ALL CONCRETE TO BE IN ACCORDANCE WITH SABS 200 G OR THE CORRESPONDING SANS STANDARD.
2. ALL CONCRETE TO BE FRESHLY MIXED CONCRETE.
3. RANGES OF CONCRETE:

FOUNDATIONS	1500
SURFACE BEDS	1500
ARROW SLAB	2500
ALL OTHERS	2500
4. ALL CONCRETE TO BE PLACED THROUGHOUT THE ENTIRE DAY.
5. ALL NOT BE ALLOWED, ALL FERRULES OR OTHER FASTENING DEVICES SHALL PRESENT A NEAT AND UNIFORM APPEARANCE.
6. ALL CONCRETE TO BE PROTECTED AND APPROVED BY THE ENGINEER BEFORE ANY CONCRETE IS CAST.
7. ALL CONCRETE SHALL BE CAREFULLY CURED AND TESTED ACCORDANCE WITH SABS METHOD 861.
8. A SAMPLE SHALL CONSIST OF 3 CUBES WHICH SHOULD BE INDIVIDUALLY TESTED AT LEAST ONE HOUR AFTER CASTING.
9. ALL CONCRETE SHALL BE TESTED AT 7 DAYS AND 3 AT 28 DAYS.
10. CURING OF CONCRETE TO BE AS PER SANS 2601-CE1.
11. ALL CONCRETE TO BE MAINTAINED FOR AT LEAST 7 DAYS OF AFTER CASTING.

TYPICAL WALL SECTION
SCALE 1/4" = 1'-0"

SCALE 1:11

NOTE:
WALL LENGTH TO BE $\pm 55m$,
EXACT LENGTH TO BE
CONFIRMED ON SITE. WALL TO
BE CONSTRUCTED BETWEEN
STATION ENTRANCE AND EXIT
GATES.

**BLOCK OVERLAP
BE AS PER
MANUFACTURE'S
SPECIFICATION**

SABS APPROVED
300mm WIDE x 210mm
DEEP x 470mm LONG
OPEN CELL
CONCRETE BLOCKS
WITH SOIL INFILL

WALL LEVEL TO BE STEEPER
SLOPED AS PER NATURAL
GROUND LEVEL IN
LONGITUDINAL DIRECTION

TYPICAL WALL ELEVATION - OPEN FACE WALL CONFIGURATION

SCALE 1:10

ISSUED FOR CONSTRUCTION

PRASA (PSE) NSRF CORNER 546 PAUL KRUGER & SPRINDLING STREETS PRETORIA 0001		 prasa PROPERTY SERVICES	
PROJECT			
IRENE STATION PERIMETER FENCE			
TITLE			
CONCRETE BLOCK RETAINING WALL DETAILS			
 TLOA TADIMA PROJECTS (PTY) LTD			
1116 JIJIBITE MOHAMED STR BROOKLYN PRETORIA 0001		PO BOX 5558 THE REDS 0157 LINE: 1-075 965-0792 LINE: 076 100 7542 EMAIL: info@tloatadima.co.za	
SCALE		DATE	
DRAWN	AS SHOWN	30/11/2020	
DESIGNED	A. RACHOCHI	30/11/2020	
APPROVED	T. MALA	02/12/2020	
REGISTRATION NO.		201330175	
DRAWING NUMBER		AO REV	
PRASA - IRENE - 003		01	
CLIENT'S DRAWING NUMBER		REV	