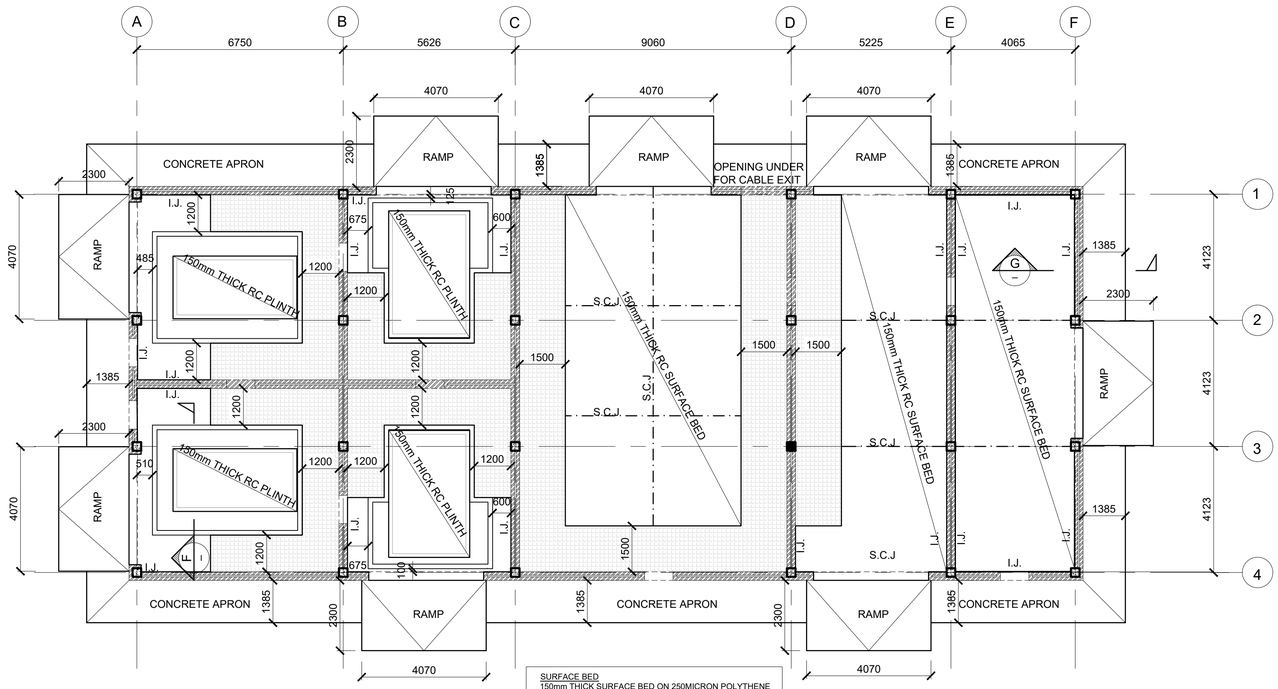


SURFACE BED

150mm THICK SURFACE BED ON 250MICRON POLYTHENE SHEET ON INERT GRANULAR MATERIAL (G5) OF LAYERS NOT EXCEEDING 150mm THICK & COMPACTED TO 93% MOD. ASSHTO -1% TO +2% MOISTURE CONTENT. WHERE 2 OR MORE LAYERS ARE REQUIRED THE PENULTIMATE LAYER IS COMPACTED TO 95% MOD ASSHTO AND TOP LAYER TO 97% MOD. ASSHTO .

SURFACE BED LAYOUT

SCALE 1:100

PLEASE NOTE ON ALL INTERNAL BRICK WALLS ON SURFACE BED TO RECEIVE ISOLATION JOINTS EACH FACE

LEGEND

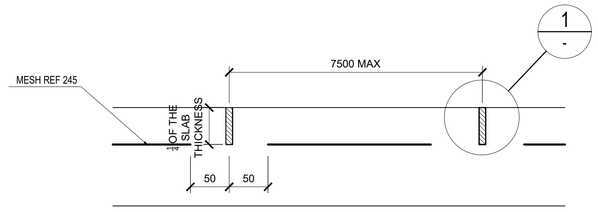
- DENOTES SAW-CUT JOINT (S.C.J)
- DENOTES ISOLATION JOINT (I.J)

GENERAL NOTES

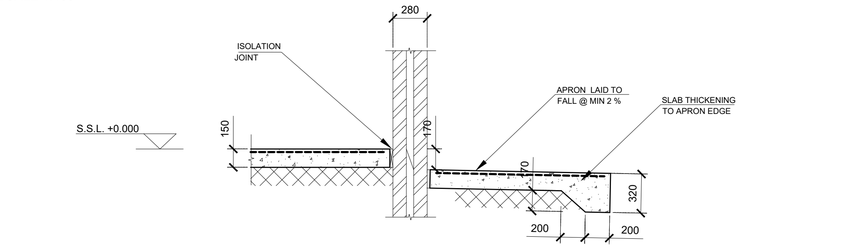
1. ALL DIMENSIONS ARE IN MM U.O.N.
2. USE FIGURED DIMENSIONS ; DO NOT SCALE OFF
3. CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE BEFORE CONSTRUCTION COMMENCES & AN DISCREPANCIES REPORTED TO THE ARCHITECT OR ENGINEER.

CONCRETE NOTES

1. ALL CONCRETE CONSTRUCTION SHALL BE PERFORMED TO SANS 2001-CC1 & CC2 & SANS 10100-2
2. CONCRETE GRADE TO STRUCTURAL ELEMENTS SHALL BE 40MPA AT 28 DAYS
3. BLINDING CONCRETE TO BE MIN 15 MPA
4. ALL CONCRETE SHALL BE CURED IN ACCORDANCE WITH SANS 10100-2

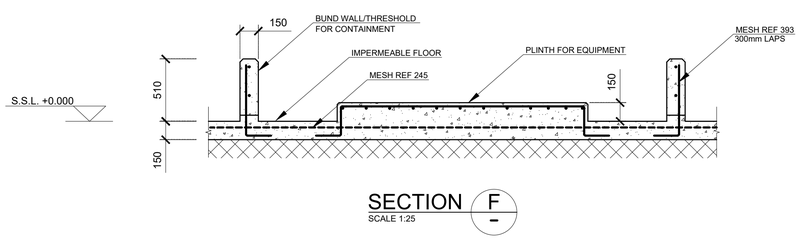


SAWN CUT JOINT (S.C.J)



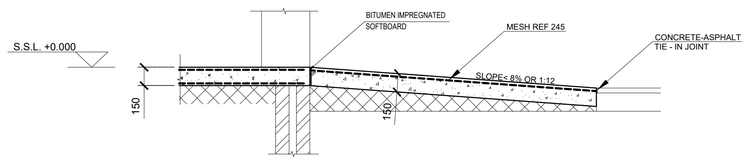
SECTION G

SCALE 1:25



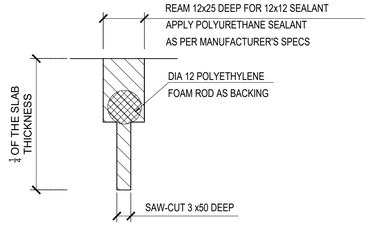
SECTION F

SCALE 1:25

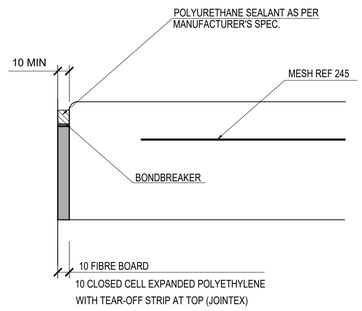


TYP. RAMP DETAIL

SCALE 1:25



DETAIL 1 -



ISOLATION JOINT (I.J)

PROVIDE BETWEEN FLOOR SLAB AND FIXED PARTS (SUCH AS COLUMNS, WALLS MACHINERY BASES, PITS, MANHOLES, ETC)

ALL JOINTS TO BE PREPARED ACCORDING TO MANUFACTURER'S SPECIFICATIONS PRIOR TO APPLYING SEALANT

ALL SEALANTS TO BE MIXED AND APPLIED ACCORDING TO MANUFACTURER'S SPECIFICATIONS

APPROVED FOR CONSTRUCTION

CLIENT: TRANSNET national ports authority

Client Name:	
Designation & Section:	
Client Signature:	Project Phase 2
Date:	
Contact No.'s:	

No.	DATE	REVISION DETAIL
1	15/03/2021	NOTES REVISED & TITLE BLOCK REVISED SECTION F ADDED
2	26/03/2021	TYP PLINTH DETAIL OMITTED, SECTION F REVISED, SECTION G ADDED
3	08/04/2021	ISSUED FOR APPROVAL
4	30/11/2022	NOTES ADDED & REVISED. GRATING SHOWN ISSUED & APPROVED FOR CONSTRUCTION

Main Contractor: Stateway Switchboards

Main Contractor:	Stateway Switchboards Pty Ltd
ZML Africa Drawing No.	TNPA/2020

Consultant: Z.M.L Engineers and Project Managers — A Division of ZML Africa Group

Sub-Consultant: LUBISI CONSULTING — A NEW PERSPECTIVE TO ENGINEERING CONSULTING

Site Address: Sturrock Dry Dock, Cape Town

Building Name: Combined Pump House & Graving Dock Substation

Project Description: Sturrock Dry Dock Electrical Infrastructure Upgrades

Drawing Description: Surface Bed Layout & Details

Drawn:	E. M.	Date:	02 / 2021
Designer/ Checked:	E.M.	Scale:	AS SHOWN
Approved:	C.T.P.	Drawing Size:	A1
Prof Reg. No.	20050009	Revision No.	4
Signature:			

Drawing Number: TNPA/2020-SE-002

Site & Building No.	Floor No.	Discipline & Service Type
		STRUCTURAL
Sheet Number	**Project Number**	**Proposal No.**
1 OF 1	TNPA857 CIDB	-