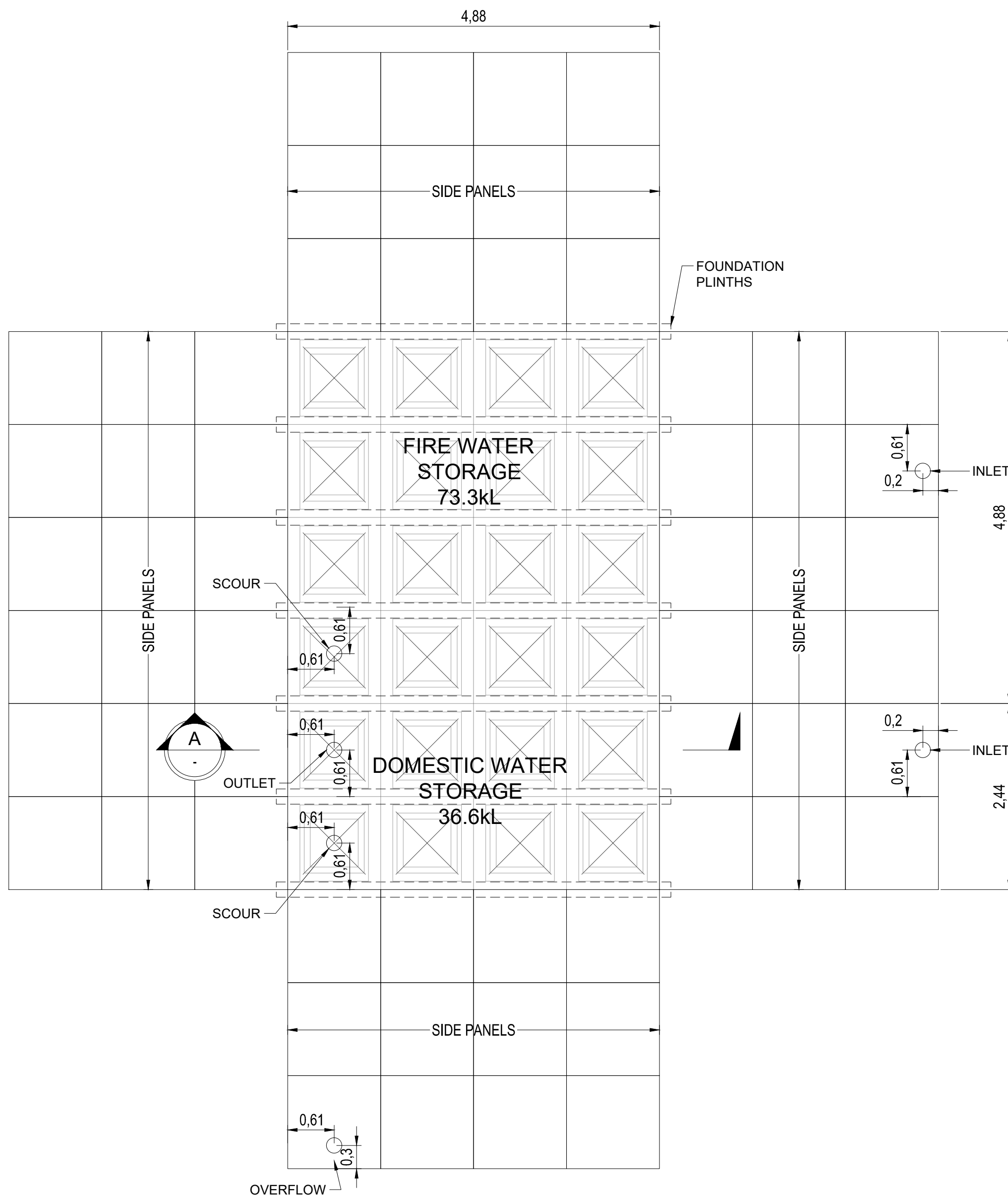
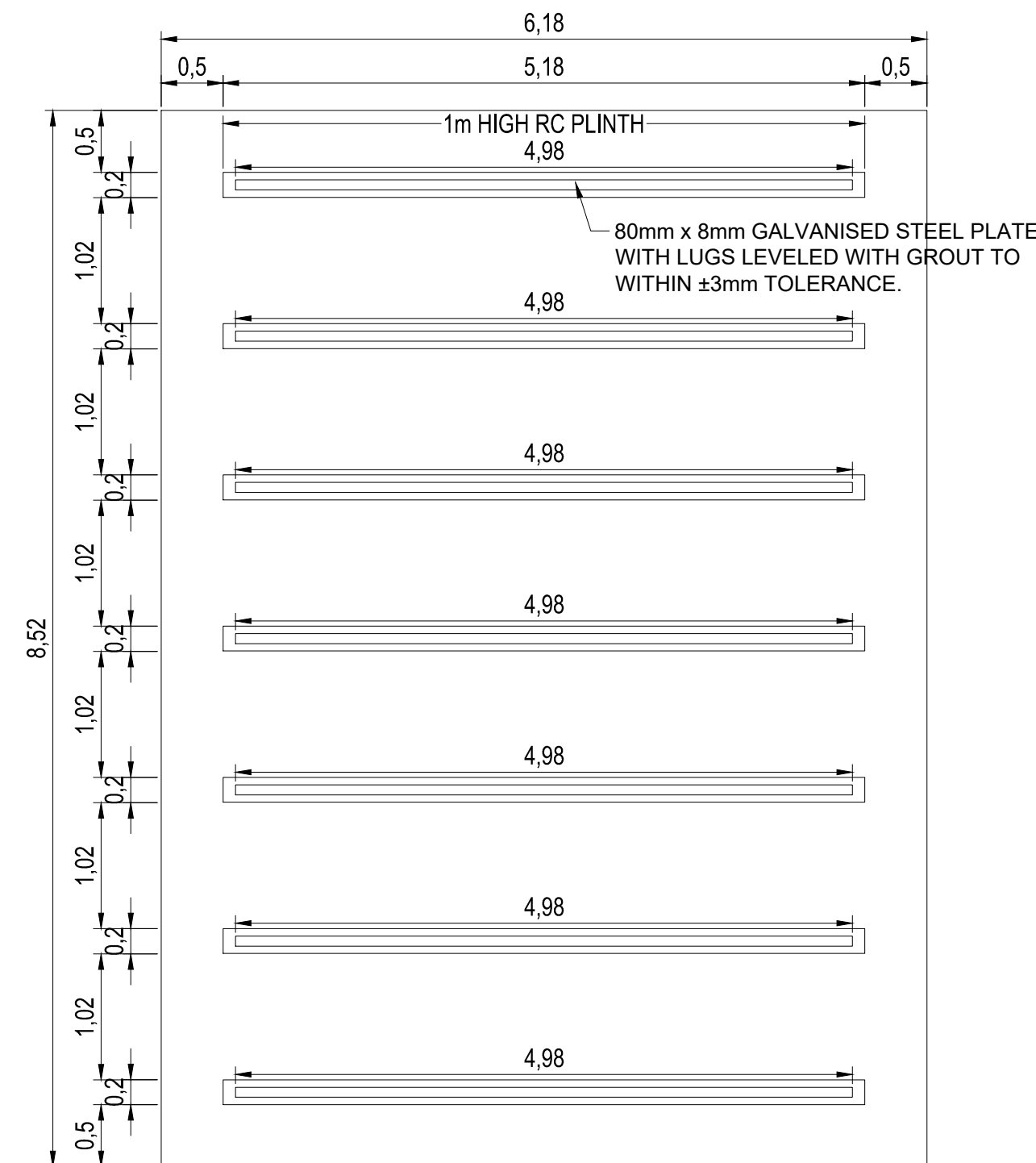


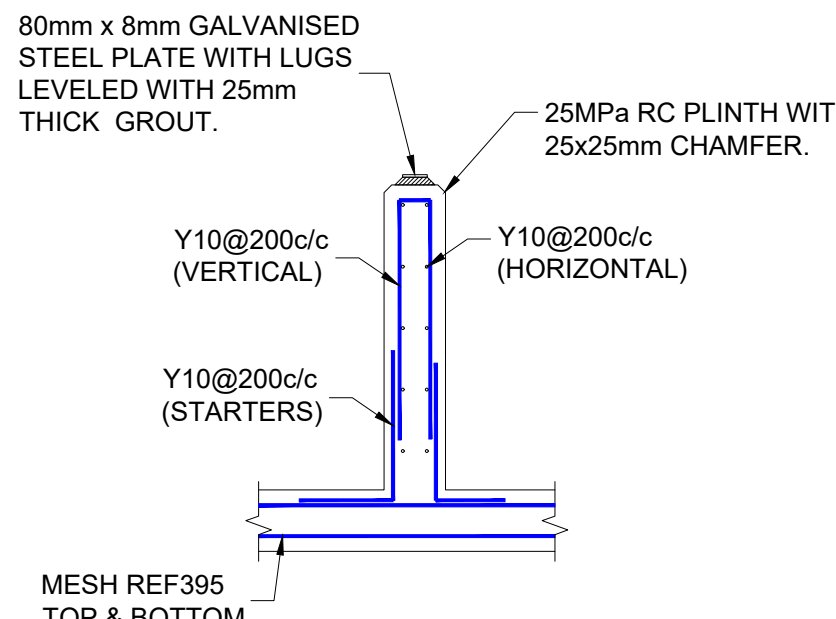
TANK LAYOUT - MAIN BUILDING  
SCALE 1:250



TYPICAL PLAN VIEW  
SCALE 1:50



FOUNDATION LAYOUT  
SCALE 1:50



PLINTH CROSS SECTION  
SCALE 1:25

NOTE: REBAR ALLOWANCE

200mm RC SLAB = 80 kg/m³  
200mm RC PLINTH = 100 kg/m³

NOTES:

- THIS DRAWING IS BASED ON THE LO-21 WGS84 COORDINATE SYSTEM.
- ALL SETTING OUT DATA MUST BE CONFIRMED WITH THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK AND ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER FOR VERIFICATION.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH SANS 1200.
- ALL WORK SHALL BE TESTED AS PER THE REQUIREMENTS OF SANS 1200 OR AS PER THE APPROVED QMS.
- THE CONTRACTOR IS TO REMAIN CLEAR OF - AND NO WORK TO BE DONE WITHIN - ENVIRONMENTALLY SENSITIVE AREAS WITHOUT PRIOR CONSENT FROM THE ECO.
- TOPSOIL STRIPPING TO BE DONE TO A MINIMUM DEPTH OF 150mm AND ALL ORGANIC MATERIAL TO BE REMOVED. TOPSOIL IS TO BE BLADED INTO WINDROWS ON EITHER SIDE OUTSIDE OF THE CONSTRUCTION AREA.
- ALL EXISTING STORMWATER AND ROAD INFRASTRUCTURE TO BE PRESERVED AND MAINTAINED DURING CONSTRUCTION.

LEGEND: WATER

	63mm HDPE PE100 PN12.5 WATER PIPE
	ISOLATION VALVE
	ISOLATION VALVE (HANDWHEEL)
	NON-RETURN VALVE
	WATER PUMP
	63mm HDPE PE100 PN12.5 FIRE WATER PIPE

STEEL PIPEWORK

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

SECTIONAL STEEL TANK

SECTIONAL TANK TO BE SUPPLIED WITH ROOF ACCESS HANDWHEEL, LOCKABLE HINGED L.D. ACCESS LADDER, LEVEL INDICATOR, EQUILIBRIUM FLOAT VALVE & ALL NECESSARY PIPES INCLUDING FITTINGS FOR FUNCTIONAL TANK

C	2025-02-12	FOR TENDER
B	2024-12-12	FOR TENDER
A	2024-11-11	FOR TENDER
REV	DATE	DESCRIPTION

**EKCON**  
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CLIENT

**SOUTH AFRICAN NATIONAL  
SPACE AGENCY**

PROJECT TITLE  
**SANSA MATJIESFONTEIN**

DRAWING TITLE  
**GENERAL DETAILS  
Roads, Sewer, Water,  
Stormwater & Sleeves  
(SHEET 3 of 4)**

SCALE As Shown	SIZE A0	APPROVED <b>SHR BUCKLE</b>
DESIGNED <b>S. RAMCOWANA</b>		ECSA PR ENG 20001060
CHECKED <b>SHR BUCKLE</b>		

DRAWING STATUS

**FOR TENDER**

DRAWING NUMBER  
**P3589-C-TD-004**

REV  
**C**

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