

DETAIL OF TANK
NO SCALE

1. GENERAL NOTES

- a. THE TANK TO BE INSTALLED IN COMPLIANCE WITH SANS 10400, 10089:3 & 100108.
- b. ONE 9kg DRY CHEMICAL POWDER BC TYPE FIRE EXTINGUISHER MUST BE PROVIDED ON THE PUMP ISLAND.
- c. SABS APPROVED SYMBOLIC "NON SMOKING" SIGNS MUST BE PROVIDED.
- d. BOLLARDS MUST BE PROVIDED TO PROTECT THE PUMP.
- e. NO ABOVE GROUND FUEL TANKS ARE ALLOWED.
- f. FILLER PIPES - 100mm.
- g. THE VENT + SUCTION PIPES - 50mm, MIN 3600 ABOVE GROUND AND MIN 600mm ABOVE ROOF LEVEL.
- h. NO LIQUID FUEL DISPENSING PUMP, PIPES OR STORAGE TANK TO BE SITUATED LESS THAN 3.5m FROM ANY LATERAL BOUNDARY OR STREET BOUNDARY.
- i. THE TANK SHALL BE FITTED WITH AN OVERFILL PROTECTOR. THE CRITICAL LEVEL SHALL BE SUCH THAT A SPACE REMAINS IN THE TANK TO ACCOMMODATE THE DELIVERY PIPES VOLUME.

2. TANKS

EVERY TANK MUST BE INSPECTED BEFORE INSTALLATION FOR ANY VISIBLE SIGNS OF DAMAGE AND TO ENSURE THE PROTECTION LAYER IS UNDAMAGED. REPAIRS MUST BE AFFECTED BEFORE THE TANK IS LOWERED INTO THE EXCAVATION.

3. GROUND WATER

IN AREAS WHERE THERE IS A HIGH WATERTABLE AND THERE IS A POSSIBILITY THAT THE TANK CAN FLOAT, THE TANK MUST BE ANCHORED ACCORDING TO THE WRITTEN SPECIFICATIONS OF A PROFESSIONAL ENGINEER AND APPROVED BY THE LOCAL AUTHORITY.

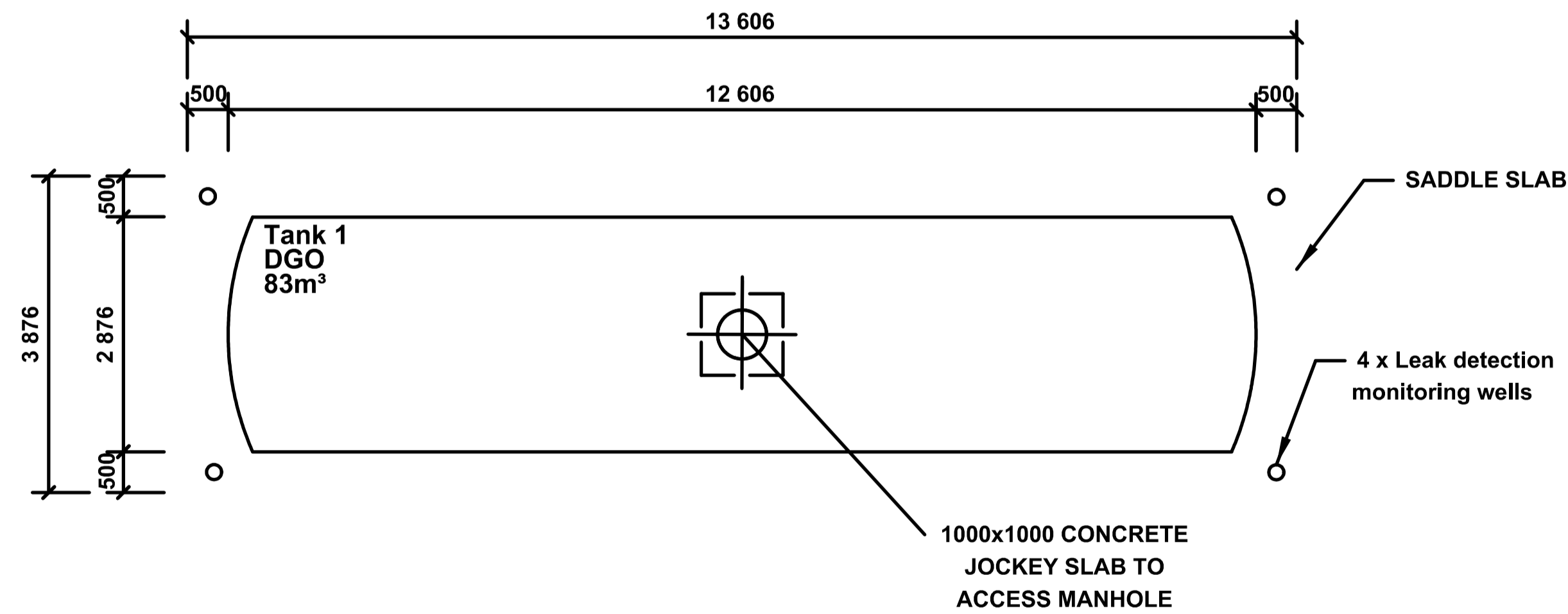
VOLUME	83 000	65 000	56 000	46 000	23 000	13 500	9 000	4 500
a	12 620	9 800	7 300	10 900	5 458	5 458	3 655	1 800
b	2 870	2 870	2 870	2 325	2 325	1 808	1 808	1 808

4. THE LOCAL FIRE DEPARTMENT MUST BE INFORMED AT LEAST TWO (2) WORKING DAYS IN ADVANCE BEFORE WORK ON THE INSTALLATION COMMENCES AND THEREAFTER FOR THE FOLLOWING INSPECTIONS WITHOUT EXCEPTION.

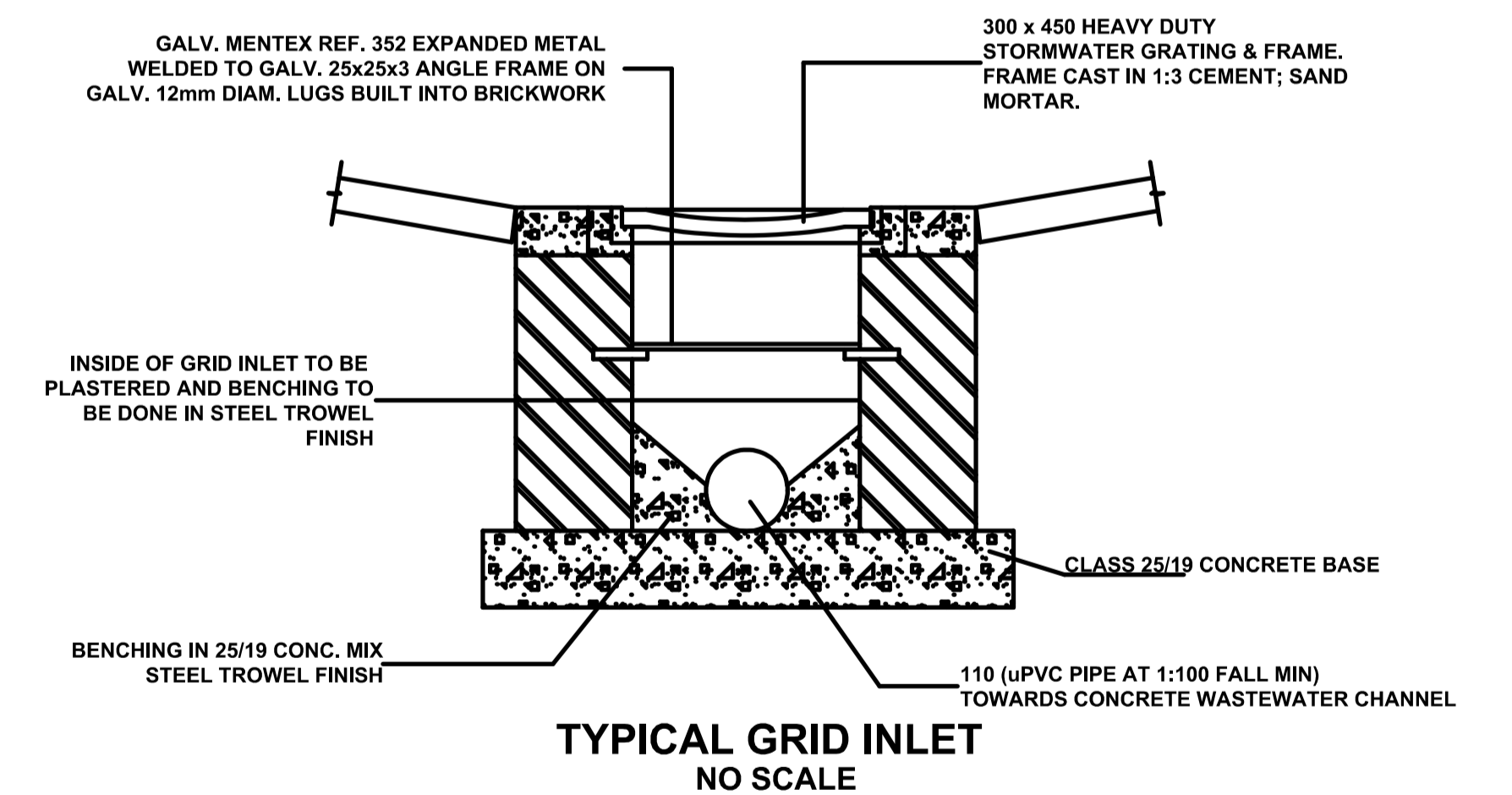
- a. AFTER EXCAVATION IS COMPLETE AND WITH THE INSTALLING OF THE TANK.
 - b. COMPACTION OF THE SAND AROUND THE TANK.
 - c. PRESSURE TEST OF THE PIPEWORK AND TANK AT 30 kPa (SUCTION LINES), SUBMERSIBLE LINES ON 1000 kPa.
 - d. CASTING OF THE 150mm REINFORCED CONCRETE SLAB WITH 2 LAYERS 6mm STEEL REINFORCING, TOP AND BOTTOM-30Mpa AFTER 30 DAYS. (PROOF MUST BE SUBMITTED ON COMPLETION OF THE INSTALLATION).
 - e. REGISTRATION OF THE INSTALLATION BEFORE ANY PRODUCT IS DECANTED INTO THE TANK.
 - f. WITH THE INSTALLATION OF A SUITABLE NON - METALLIC SHEET ON THE BED OF RIVER SAND.
 - g. ALL BURIED PIPE WORK SHALL BE COVERED BY BACKFILL OF THICKNESS AT LEAST 300mm.
- NB! IF ANY GROUND WORK AND/OR LEVELS ARE DONE AFTER THE COMPLETION OF THE INSTALLATION PRESSURE TEST WILL AGAIN BE REQUIRED

5. GENERAL

APPLICATION FOR A CERTIFICATE OF REGISTRATION MUST BE APPLIED FOR AT THE FIRE DEPARTMENT, ON COMPLETION OF THE INSTALLATION BEFORE ANY PRODUCT IS DECANTED INTO THE TANK.



TANK FARM LAYOUT
SCALE : NTS



GENERAL NOTES:	REV.	DATE	DESCRIPTION	DRAWN	CHECK
1. ALL LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE BEFORE THE COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT OR PROJECT MANAGER IMMEDIATELY.					
2. ALL SITE AND BUILDING WORKS ARE TO COMPLY WITH THE NATIONAL BUILDING REGULATIONS OR THE LOCAL AUTHORITY STANDARDS. THE ONUS IS ON THE CONTRACTOR TO CHECK WITH THE RELEVANT AUTHORITIES.					

DRAUGHTING
SERVICES

124 BLAAUWBERG STREET
POLOKWANE
0700

P.O. BOX 299
POLOKWANE 0699
E-mail rlaan@bfgroup.co.za

Riaan Kruger (Pr ArchD)
SAIAT Member No. 71615
SACAP Reg. No. DU056
Professional Architectural Draughtsperson

Tel : 015 293 2638
Fax : 015 293 0688
Mobile : 078 022 4954

PROJECT
PROPOSED NEW PUMP & TANK
INSTALLATION ON PTN 1 OF ERF 6154
PIETERSBURG, X8.

CLIENT
M&M TRANSPORT

DRAWING
TANK FARM & DETAILS

ISSUED FOR	SCALE	DATE	DRAWN	TYPE
PRELIMINARY INFORMATION MEASUREMENT TENDER CONSTRUCTION APPROVAL	as indicated	APR 2021	J.C. Kruger	
PROJ.	21008	DRWG No.	200	REV.