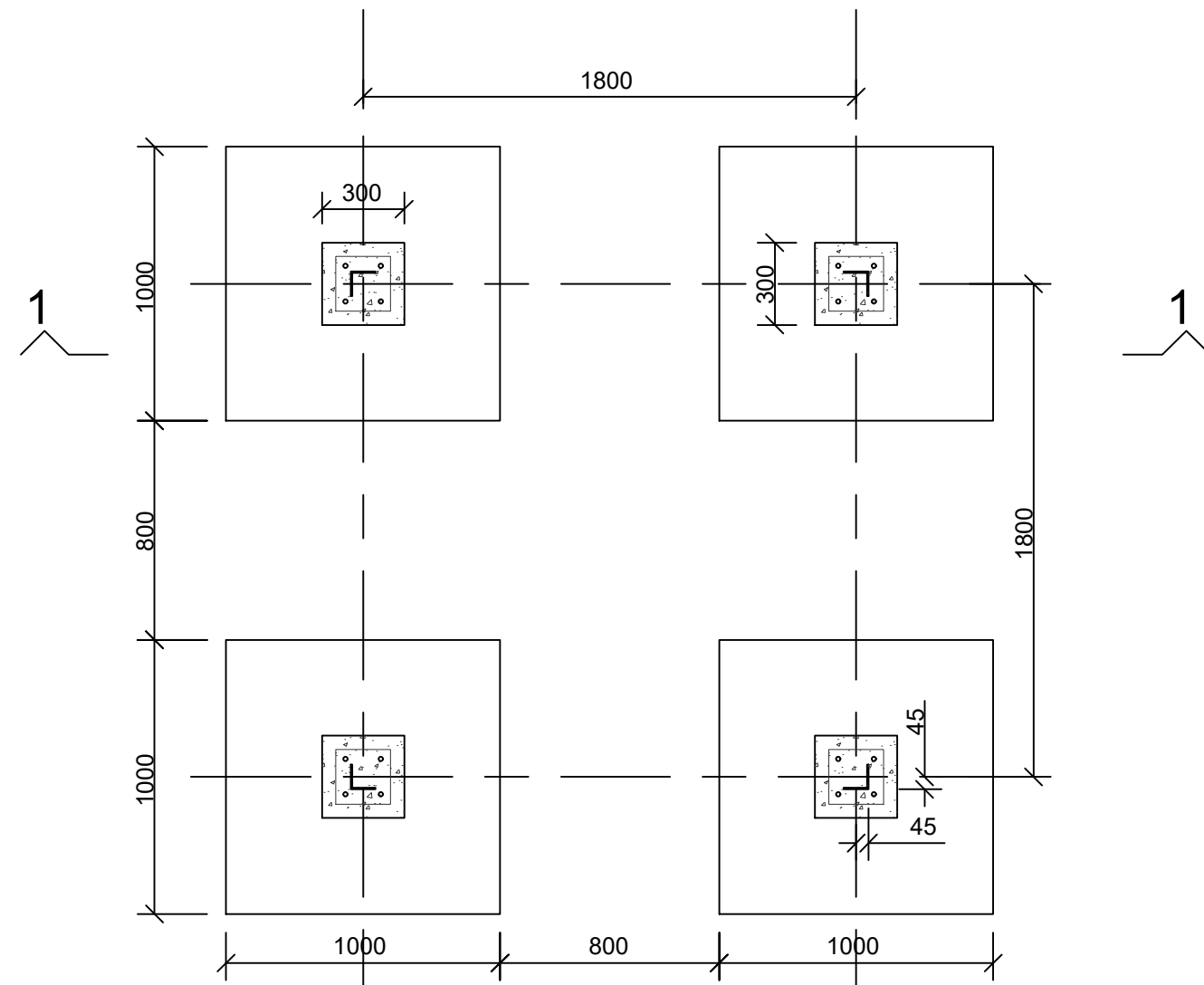


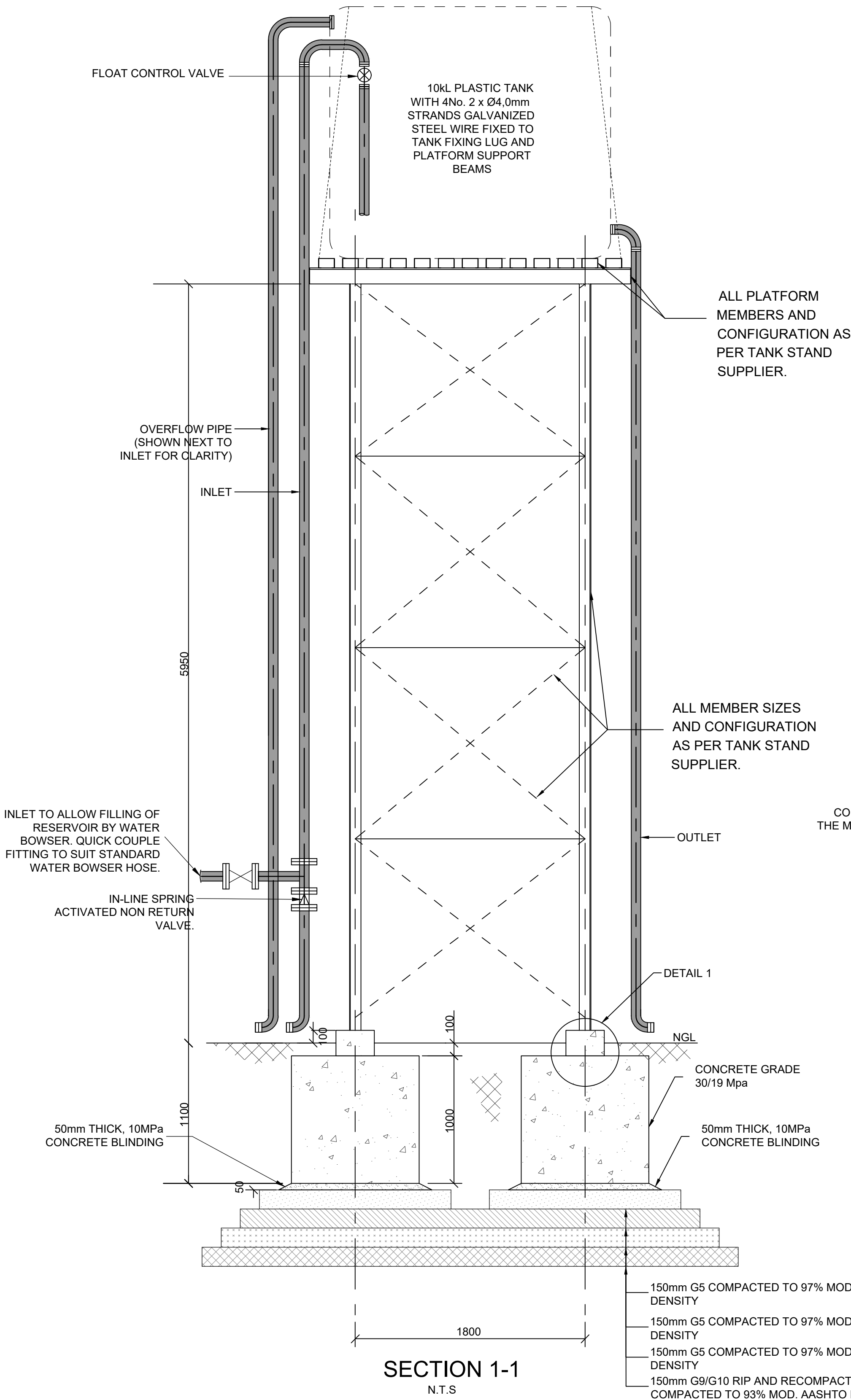
NOTE:  
ALL PIPEWORK BELOW GROUND SHALL BE HDPE AND ABOVE GROUND SHALL BE GALVANISED MILD STEEL. ALL ABOVE GROUND PIPEWORK SHALL BE SECURELY FASTENED TO THE TANK STAND WITH SUITABLE BRACKETS. ALL HDPE FITTINGS SHALL BE COMPRESSION TYPE MINIMUM PN16. ALL GALVANISED STEEL FITTINGS SHALL BE STANDARD THREADED FITTINGS. ALL VALVES SHALL BE BRASS THREADED TO SUIT PIPEWORK. THE PIPEWORK LAYOUT IS INDICATIVE AND THE CONTRACTOR SHALL DESIGN AND INSTALL ALL NECESSARY PIPE, FITTINGS, VALVES, ETC. AS MAY BE NECESSARY.

NOTE:

1. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE APPROVED STEEL SUPPLIER'S DRAWINGS THAT INDICATE THE MEMBER SIZES AND FIXING.
2. ALLOWABLE BEARING PRESSURE = 150kPa

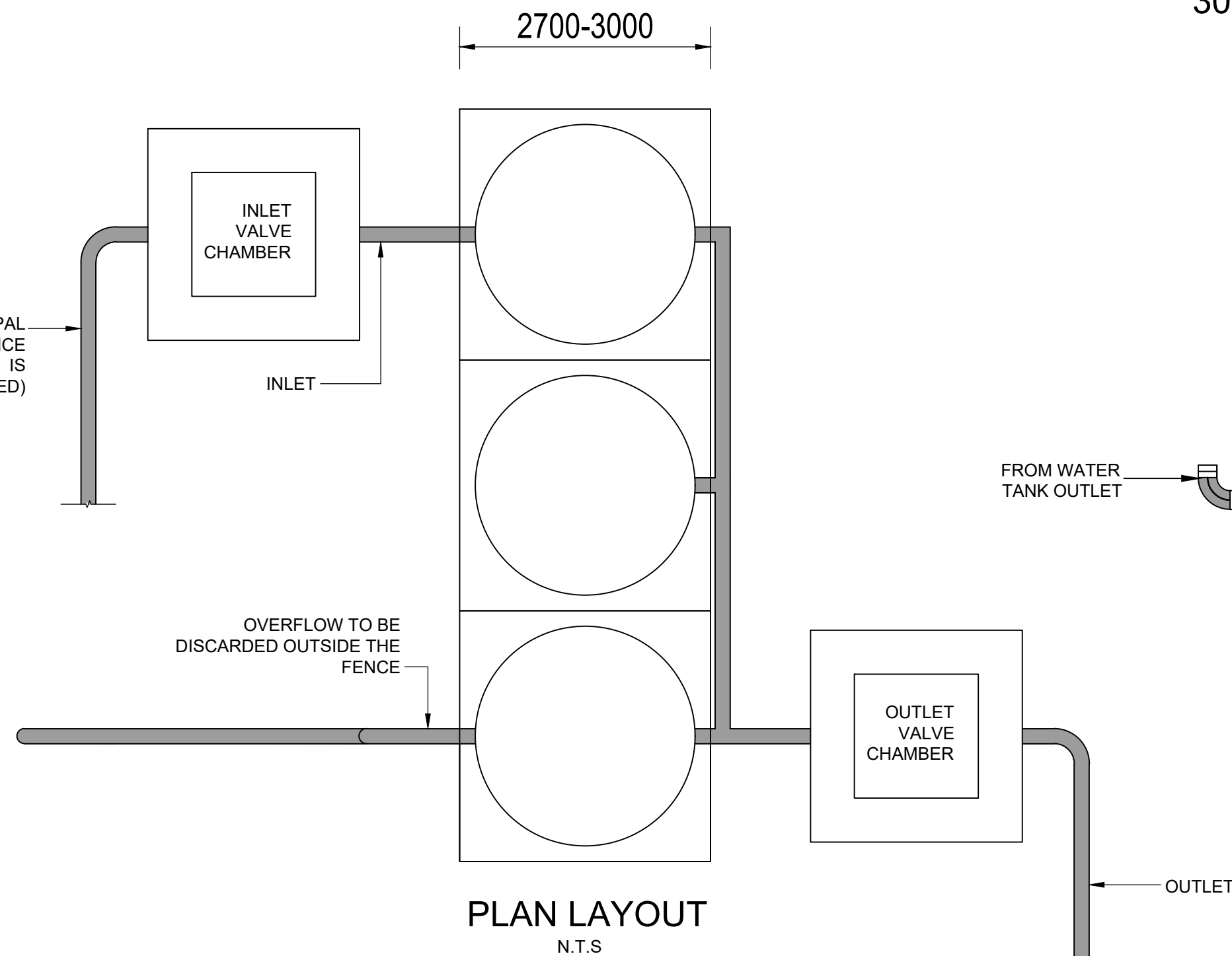


FOUNDATION LAYOUT  
N.T.S.

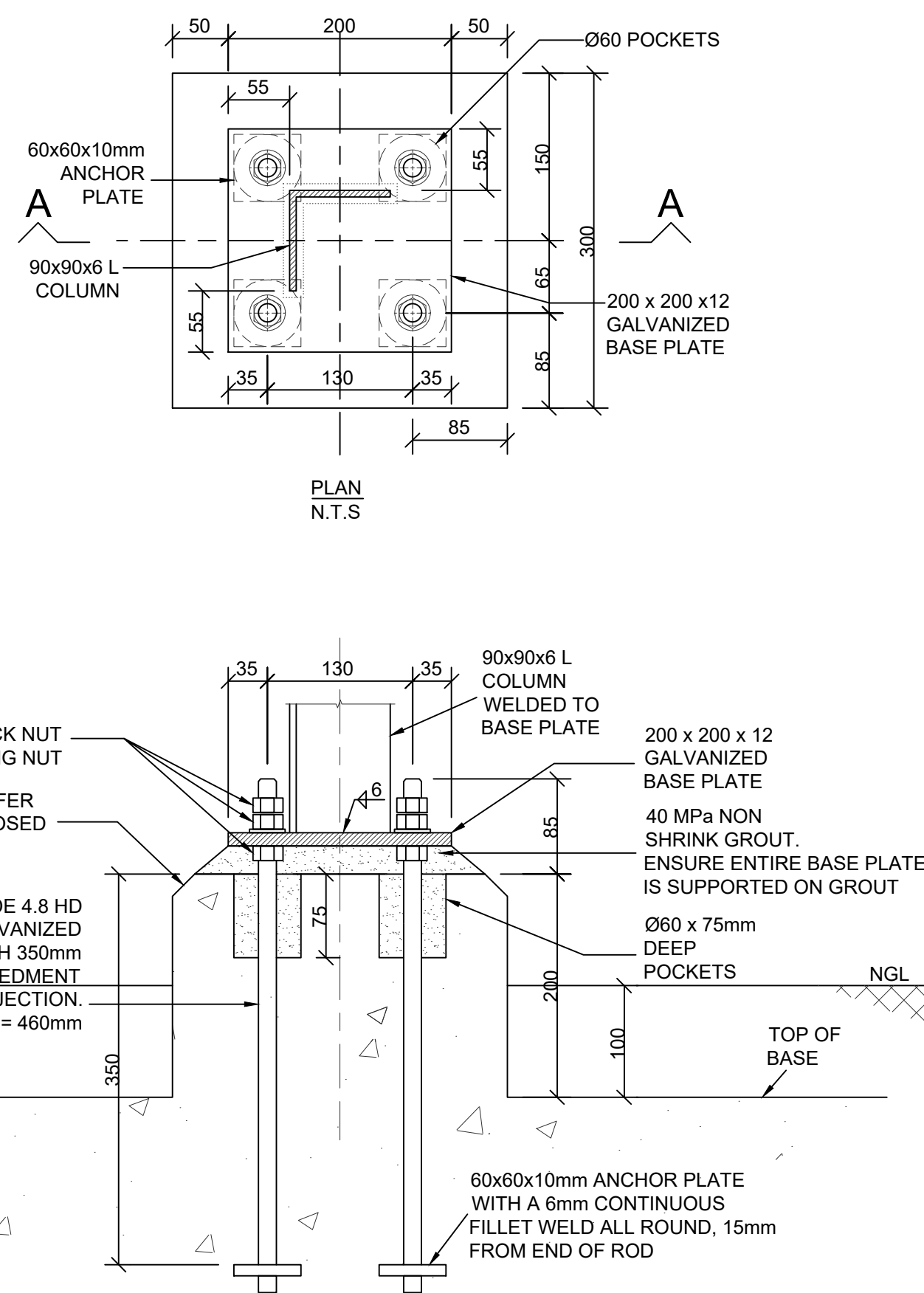


SECTION 1-1  
N.T.S.

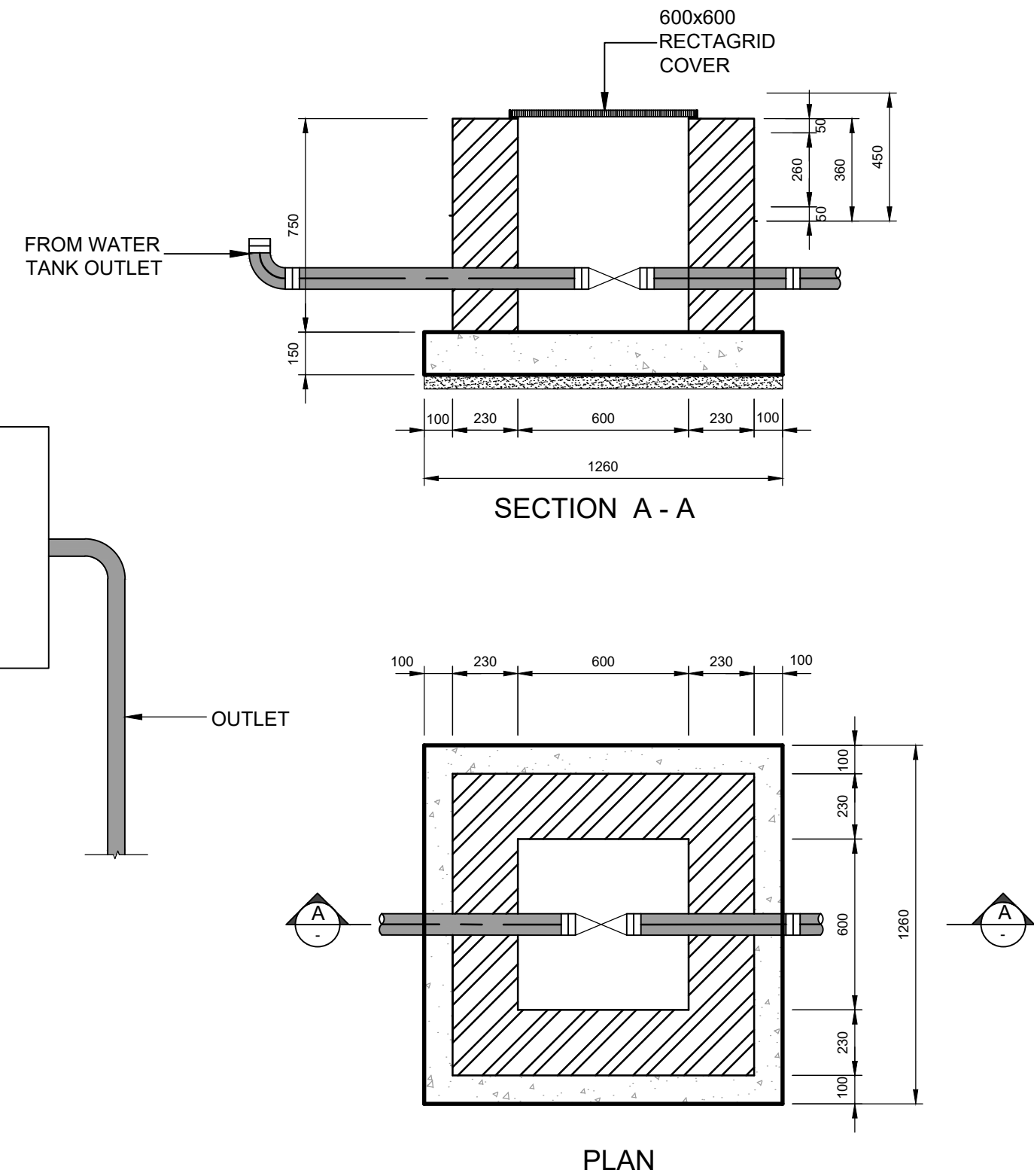
150mm G5 COMPACTED TO 97% MOD. AASHTO DENSITY  
150mm G5 COMPACTED TO 97% MOD. AASHTO DENSITY  
150mm G5 COMPACTED TO 97% MOD. AASHTO DENSITY  
150mm G9/G10 RIP AND RECOMPACT COMPACTED TO 93% MOD. AASHTO DENSITY



PLAN LAYOUT  
N.T.S.



SECTION A-A  
N.T.S.  
DETAIL 1:  
COLUMN FIXING ON  
300x300x200 STUB COLUMN



INLET / OUTLET VALVE CHAMBER  
SCALE 1 : 20

#### NOTES:

##### GENERAL:

DRAWING MUST NOT BE SCALED.

ALL WORKMANSHIP AND MATERIALS MUST COMPLY WITH THE LATEST RELEVANT SANS CODES.

ALL EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE ANY CONCRETE IS CAST.

ALL REINFORCEMENT MUST BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE ANY CONCRETE IS CAST.

0 02-02-23 ISSUED FOR TENDER JvdL

NO. DATE REVISION CHECKED

PRINCIPAL AGENT / CIVIL / STRUCTURAL ENGINEER

**MARISWE**  
No. 7 Bush Shrike Close  
Victoria Country Club Estate  
170 Peter Brown Drive  
Montrose, Pietermaritzburg  
3201  
Tel : 033 347 7900  
Fax : 033  
email: maritzburg@mariswe.com

THE ENGINEERING COUNCIL OF SOUTH AFRICA (ECSA) NUMBER and signature:  
**20010004**  
**20050193**

**ARCHITECT**  
Office Suite No: 104  
49 Chapel Street (Peter Kerchoff)  
Pietermaritzburg  
3200  
Tel : 033 342 5135  
Fax : 033 342 4989  
email: admin@saarch.co.za

ARCHITECTURAL PROFESSIONAL SACAP NUMBER and signature:  
**S. SAMBUMBU SACAP 20725**

QUANTITY SURVEYOR

**LIWANI CONSULTING**  
Office Suite No: 104  
49 Chapel Street (Peter Kerchoff)  
Pietermaritzburg  
3200  
Tel : 033 342 4989  
Fax : 086 242 0378  
cellinfo@liwaniconsulting.co.za

3285

ELECTRICAL MECHANICAL

**KARO SOLUTIONS**  
10 Boom Street  
Pietermaritzburg  
3200  
Tel :  
Fax :  
email: info@karosolutions.co.za

THE ENGINEERING COUNCIL OF SOUTH AFRICA (ECSA) NUMBER and signature:

201670008

ASSOCIATED REFERENCE DRAWING

FIELD	DESCRIPTION	REV.	DATE
C	TANK STAND DETAILS	0	13-02-2023

KEY : A = ARCHITECT; C = CIVIL; S = STRUCTURAL; M = MECHANICAL; E = ELECTRICAL; L = LANDSCAPE

NAME	DATE	REVISION
DESIGNED JP VD LINDE	13-02-2023	AS SHOWN
DRAWN N MAHLOBO	13-02-2023	FOR INFORMATION
VERIFIED JP VD LINDE	13-02-2023	FOR MEASURE
VALIDATED JP VD LINDE	13-02-2023	FOR CONSTRUCTION
		AS BUILT FOR APPROVAL

CLIENT IMPLEMENTED BY



PROJECT  
**Kwa-Zulu Natal Department of Education**  
Infrastructure Development and Maintenance Programme  
PROVINCE: KZN PROVINCE  
**01-AMABUYE SECONDARY SCHOOL**

DRAWING TITLE

TANK STAND DETAILS

TYPE OF INFRASTRUCTURE: STORM DAMAGES

ISSUE NUMBER	CLIENT	ISSUE NUMBER	DATE
500101306	CIVIL	31462-01-004	T 0