

POOL PLUMBING INSTALLATION NOTES:

1. ALL POOL FITTINGS AND COMPONENTS MUST BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS. CONTACT THE SUPPLIER/MANUFACTURER FOR CLARIFICATION WHERE NEEDED.
2. ANY PIPEWORK INSTALLED ABOVEGROUND MUST BE ADEQUATELY SUPPORTED TO PREVENT MOVEMENT DURING OPERATION OF THE RECIRCULATION SYSTEM.
3. THE BUILDER/PLUMBER MUST ENSURE ALL POOL PIPEWORK IS PRESSURE-TESTED FOR LEAKS BEFORE BACKFILLING OR CONCEALMENT.

3.1. ANY LEAKS MUST BE REPAIRED IMMEDIATELY BY A SUITABLY QUALIFIED PLUMBER.

3.2. IF A LEAK IS DETECTED, THE RECIRUCLATION SYSTEM MUST BE SWITCHED OFF AND REMAIN OFF UNTIL REPAIRS ARE COMPLETED.

OUTLET SYSTEM REQUIREMENTS:

DUAL OUTLETS:

1. EACH PUMP MUST BE CONNECTED TO A MINIMUM OF TWO OUTLETS VIA A COMMON LINE WITH AT LEAST TWO BRANCH LINES.
2. BRANCH LINE DIAMETERS MUST BE EQUAL AND MUST COMPLY WITH THE MINIMUM DIAMETER SPECIFIED ON THE OUTLET COVER.
3. BRANCH LINES MUST BE CLEAR OF ANY DEVICES THAT MAY REDUCE THEIR DIAMETER. OUTLET COVERS FITTED INSIDE THE BRANCH PIPE ARE ACCEPTABLE ONLY IF DESIGNED AND TESTED FOR THAT CONFIGURATION.
4. CONNECTED OUTLETS MUST BE SPACED AT LEAST 600MM APART (CENTRE-TO-CENTRE) WHEREVER POSSIBLE. IF SPACING IS NOT ACHIEVABLE, A MINIMUM OF THREE OUTLETS IS REQUIRED.
5. THE SYSTEM FLOW RATE MUST NOT EXCEED THE RATED FLOW CAPACITY OF A SINGLE OUTLET COVER.

DESIGN CRITERIA

WIND REGION : A & B

SITE CLASSIFICATION : REFER SHEET 3

DESIGN WATER DEPTH : 550 MM



FAMILY PLUNGE POOL

IMPORTANT NOTES

- THIS ENGINEERING DOCUMENT SHALL BE READ IN CONJUNCTION WITH INSTALLATION MANUAL ALONG WITH OTHER RELEVANT DOCUMENTS.
- POOL INSTALLER MUST HAVE A LEVEL OF FAMILIARITY AND COMPTENCY TO PROCEED WITH INSTALLATION PROCESS.
- THIS DOCUMENT DOES NOT CONTAIN ANY RECOMMENDATIONS WITH REGARD TO POOL SAFETY BARRIERS. POOL OWNER SHALL BE RESPONSIBLE FOR INSTALLATION OF POOL SAFETY BARRIER AS PER RELEVANT AUSTRALIAN STANDARDS AND SHALL BE INSPECTED BY A QUALIFIED PERSON PRIOR TO FILLING OF POOL.
- POOL SHALL BE EARTHED IN ACCORDANCE WITH AS3000.

POOL MATERIAL SPECIFICATIONS & PROPERTIES

TENSILE STRENGTH : 340 – 450 MPA

YIELD STRENGTH : 250 – 350 MPA

ELONGATION : 20 – 30%

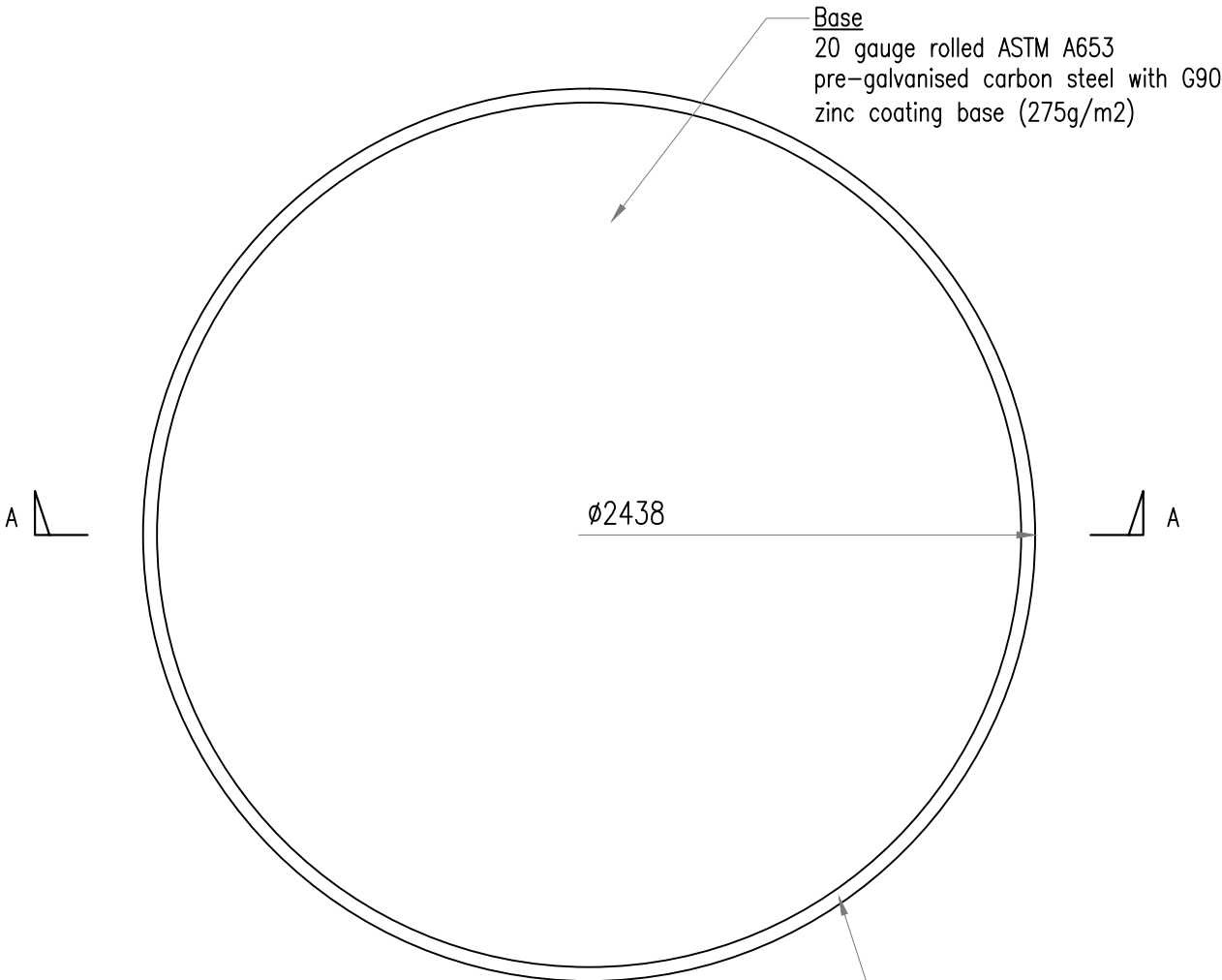
DRAINAGE : 25.4MM THREADED PLUG

MATERIAL STANDARDS : ASTM A653

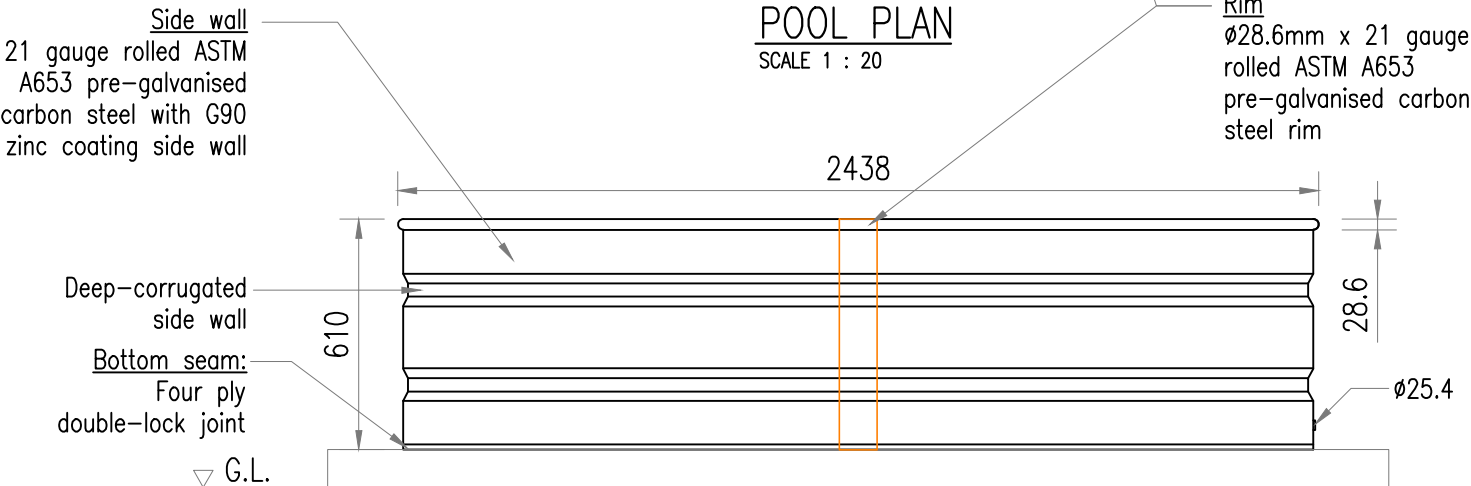
ASTM A924

FABRICATION STANDARDS : AWS; ISO 9001

SEALANT : PLIOGRIP® INDUSTRIAL ADHESIVE/SEALANT



POOL PLAN
SCALE 1 : 20



SECTION A-A
SCALE 1 : 20

DRAWING TITLE:
POOL PLAN AND SECTION
GENERAL NOTES

DRAWN:
AK

JOB NO:
99230

SCALE:
AS-SHOWN

DATE:
22/11/2025

DESCRIPTION OF WORK:

PROPOSED CORRUGATED GALVANISED
CARBON STEEL PLUNGE POOL AUSTRALIA
FAMILY PLUNGE POOL – Ø2.4M x 0.61M



TERRA TANKS PTY. LTD.
17 TREEBY STREET, COOLBELLUP,
WA 6163, AUSTRALIA

SUBI
SMARTZ
CONSULTANTS PTY LTD
ABN 81624578687

Chong S. Liew, Steve
M.Sc(struc) MIEAust CPEng NER RPEQ
Signature: *Chong S. Liew* Date: 21/10/26
Registered on NER in the area(s)
of Civil and Structural Engineering
Membership No: 4512871

National
Engineering
Register

AMENDMENTS:		
A	UPDATE	16/9/26
DWG. FP-01	TOTAL DWG. 03	

