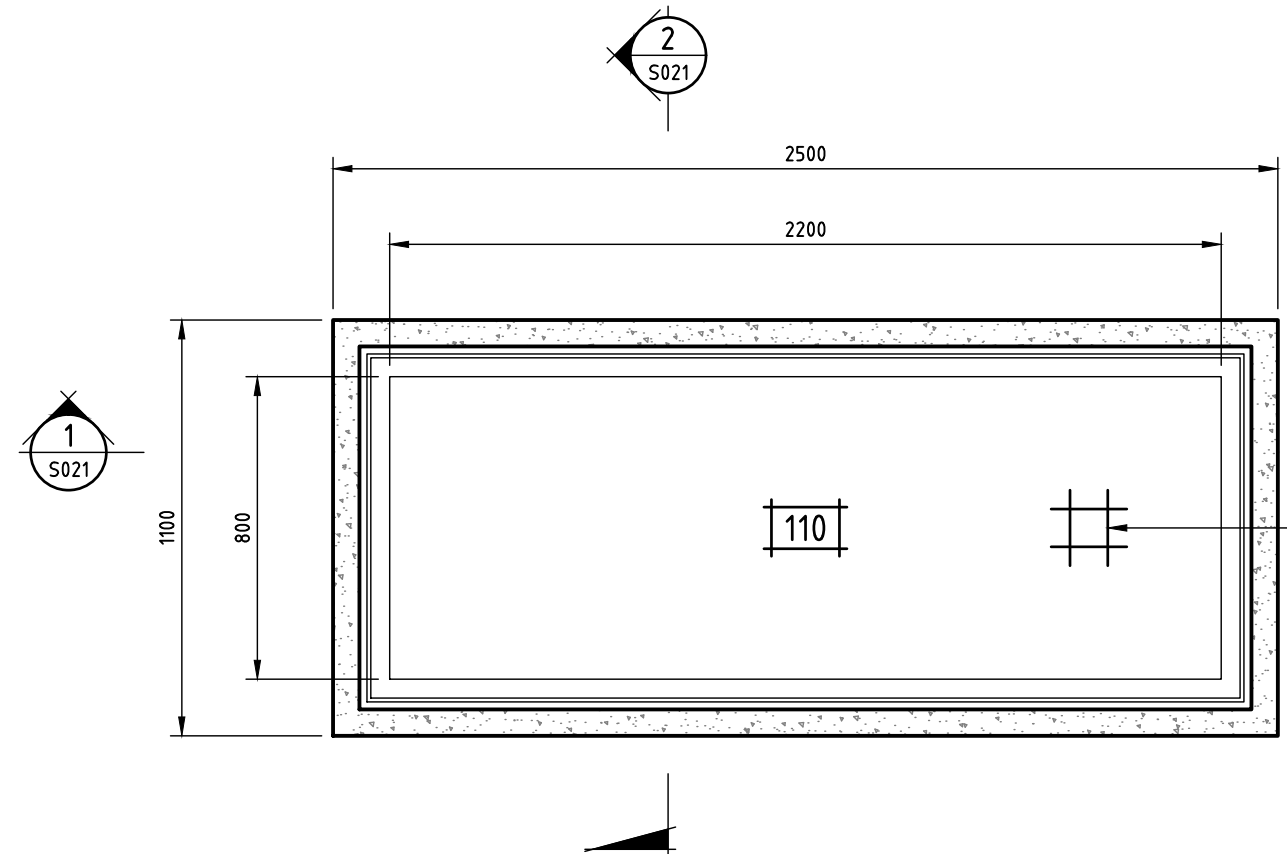
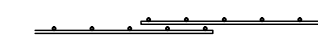


REFS:



FABRIC LAPPED 2 CROSS WIRES + 50mm.



LAPPING OF FABRIC - IN BASE + ROOF

MAIN VERTICAL BAR POSITION REVERSED TO EACH ALTERNATE SHEET OF FABRIC. FABRIC LAPPED 2 CROSS WIRES + 50mm. POSITION LAPS AWAY FROM WALL PENETRATIONS WHERE POSSIBLE



LAPPING OF FABRIC - IN WALLS

TANK BASE - GENERAL ARRANGEMENT
SCALE 1:20

TANK NOTES

1. TANK STRUCTURE TO BE SEATED ON...
50mm THICK BED OF 5mm CRUSHED ROCK
COMPACTED AND LEVELLED ALL ON APPROVED PREPARED SUB BASE.

NOTE - SUB BASE PREPARATION
APPROVED PREPARED SUB-BASE TO HAVE MINIMUM BEARING CAPACITY OF 100 kPa.
(TO BE CONFIRMED ON SITE BY A QUALIFIED GEOTECHNICAL ENGINEER).
EXCAVATE ALL LOOSE MATERIAL.
WHERE AREAS DO NOT EXCEED MINIMUM BEARING CAPACITY, REMOVE MATERIAL AND IMPORT AND RECOMPACT CBR5 MATERIAL IN 300mm LAYERS TO ACHIEVE REQUIRED BEARING CAPACITY.
PROOF ROLL PRIOR TO PLACING TANK STRUCTURE.

2. BACKFILLING OF EXCAVATION TO BE COMPLETED IN NOT MORE THAN 500mm EQUALLY DISTRIBUTED LAYERS AROUND THE TANK PERIMETER.

3. DESIGN LOADS
TANK HAS BEEN DESIGNED TO SUIT LOCAL EARTH PRESSURE (NON TRAFFICABLE)
MAXIMUM HEIGHT OF FILL ABOVE TANK ROOF AS SHOWN ON S221

4. CONCRETE PROPERTIES
CONCRETE GRADE f'c 50 MPa BASE + WALLS + SHELF
MAXIMUM DRYING SHRINKAGE 700 MICROSTRAIN
MAXIMUM WATER TO CEMENT RATIO 0.46

5. CLEAR CONCRETE COVER TO REINFORCEMENT:
TOP = 25mm BOTTOM = 25mm SIDES = 25mm

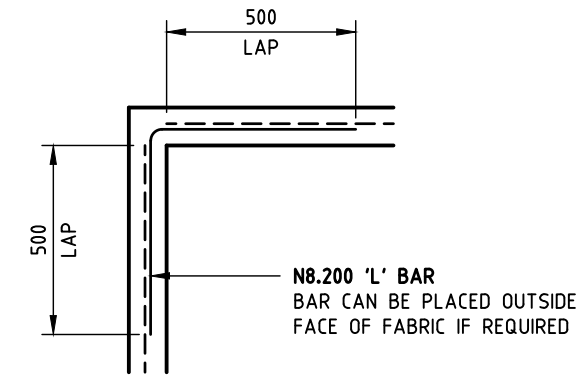
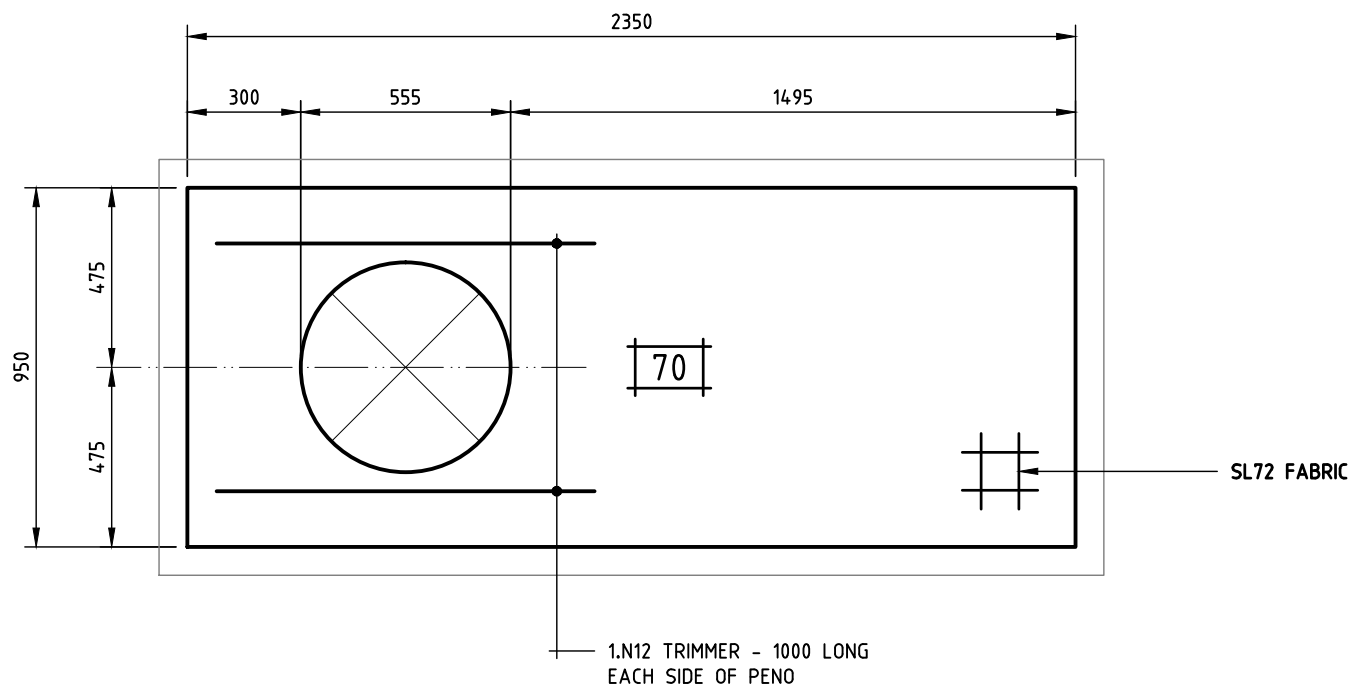
6. REINFORCEMENT LAP LENGTHS AS FOLLOWS...
N10 400 N20 800
N12 450 N24 1000
N16 700

7. REINFORCEMENT SYMBOLS 8.N16.200.1
8 NUMBER OF BARS IN GROUP
N16 BAR GRADE/TYPE AND DIAMETER
200 SPACING IN mm
1 DENOTES LAYER BAR PLACED IN

8. ALL LIFTING PROCEDURES, MECHANISMS, DEVICES, STABILITY, PROPPING, ADDITIONAL SUPPORT AND REINFORCEMENT REQUIRED FOR LIFT AND DURING CONSTRUCTION IS TO BE PROVIDED AND CERTIFIED BY A TEMPORARY WORKS REGISTERED PROFESSIONAL ENGINEER AND LIFTING MANUFACTURER AND IT'S REGISTERED PROFESSIONAL ENGINEER.
ALL REINFORCEMENT + CONNECTIONS SHOWN ARE FOR TANKS IN PLACE ONLY.
ALL WALLS TO REMAIN FULLY PROPPED UNTIL ALL ELEMENTS HAVE BEEN POURED/PLACED AND FIXED/GROUTED TOGETHER AND FULL STRUCTURE COMPLETED.
(PROPPING DESIGN/CERTIFICATION BY OTHERS)

9.  DENOTES MINIMUM SLAB OR WALL THICKNESS

| | | | | |
|---|---------------------|--------------------------------------|-----|-----|
| P02 | 28.04.17 | PRELIMINARY - Issued for Information | MTS | TMP |
| P01 | 24.04.17 | PRELIMINARY - Issued for Information | MTS | TMP |
| Rev | Date | Description | By | Chk |
| Client TAYLEX INDUSTRIES PTY LTD | | | | |
| Project Name WATER TANK (NON-TRAFFICABLE) HEIGHT = 1500 mm MASS = 3200 kg CAPACITY - TOP = 304 L BOTTOM = 2385 L | | | | |
| Title TANK BASE GENERAL ARRANGEMENT | | | | |
| Designed T.M.P. | Drawn M.T.S. | Scale at A3 1:20 | | |
| Project No. TAYLEX-021 | Drawing No. S211 | Revision P02 | | |



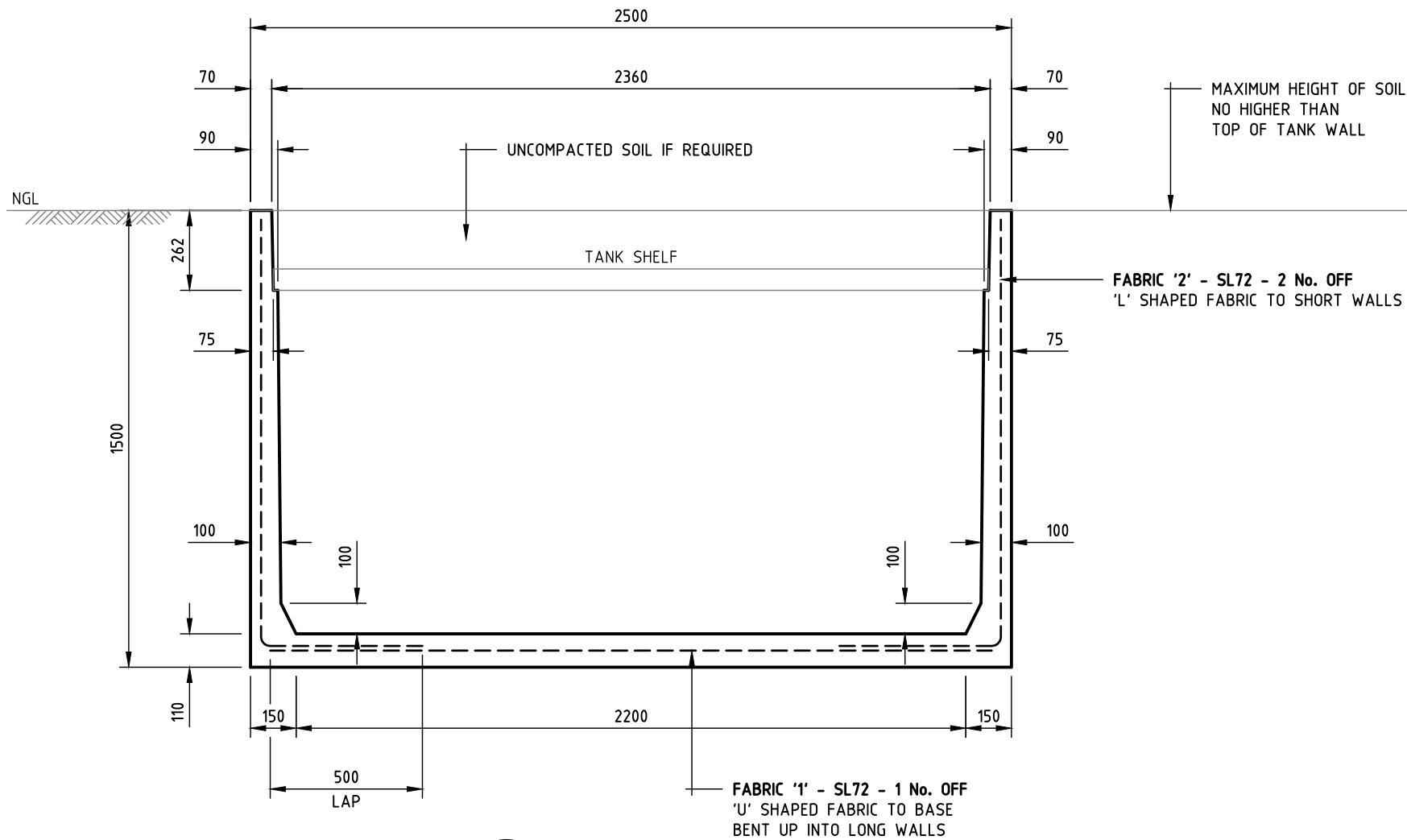
TANK SHELF - GENERAL ARRANGEMENT + REINFORCEMENT

SCALE 1:20

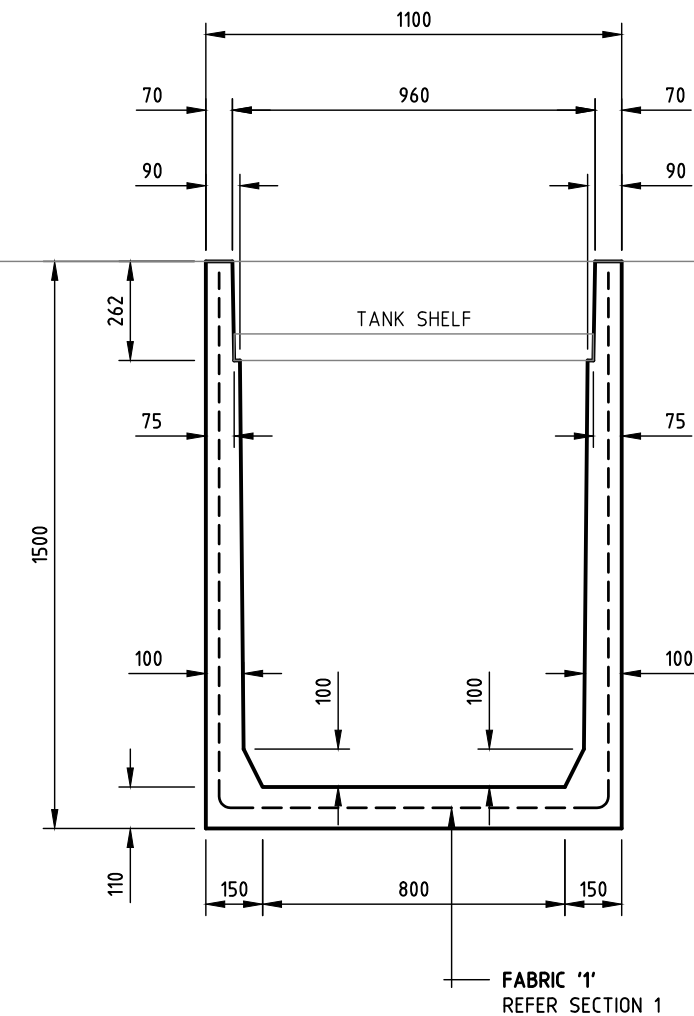
FOR TANK SHELF NOTES REFER TO DRAWING S211

TYPICAL CORNER DETAIL

PLAN



SECTION 1
TYPICAL S011



SECTION 2
TYPICAL S011

| | | | | |
|--|---------------------|--------------------------------------|-----|-----|
| P02 | 28.04.17 | PRELIMINARY - Issued for Information | MTS | TMP |
| P01 | 24.04.17 | PRELIMINARY - Issued for Information | MTS | TMP |
| Rev | Date | Description | By | Chk |
| Client TAYLEX INDUSTRIES PTY LTD | | | | |
| Project Name WATER TANK (NON-TRAFFICABLE) | | | | |
| HEIGHT = 1500 mm MASS = 3200 kg | | | | |
| CAPACITY - TOP = 304 L BOTTOM = 2385 L | | | | |
| Title TANK WALLS + TANK SHELF SECTIONS + DETAILS | | | | |
| Designed T.M.P. | Drawn M.T.S. | Scale at A3 1:20 | | |
| Project No. TAYLEX-021 | Drawing No. S221 | Revision P02 | | |