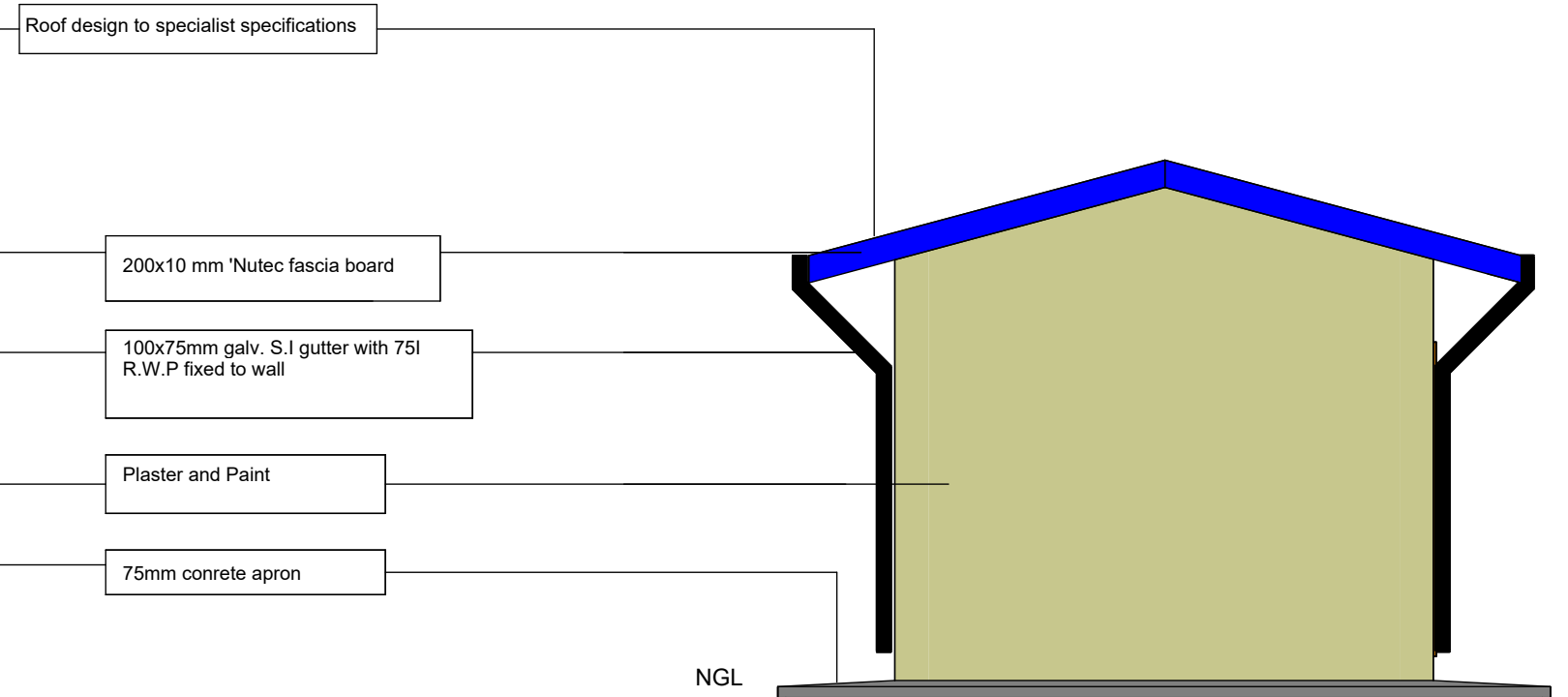
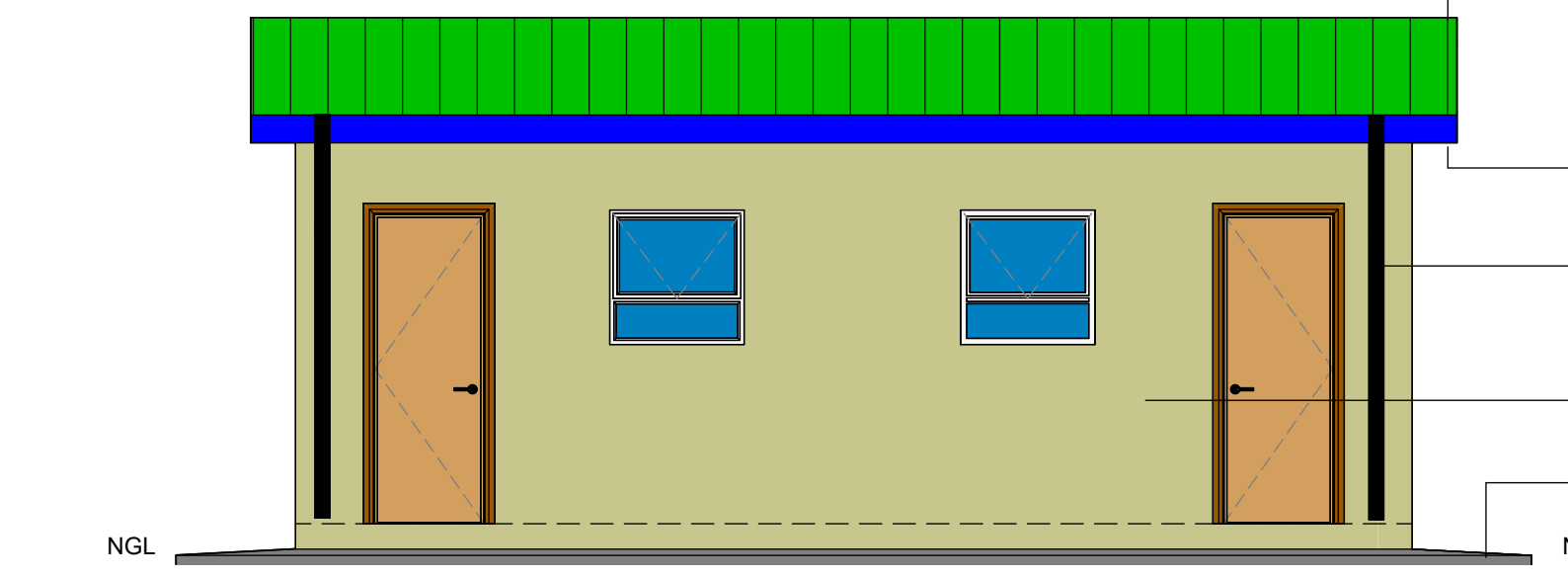


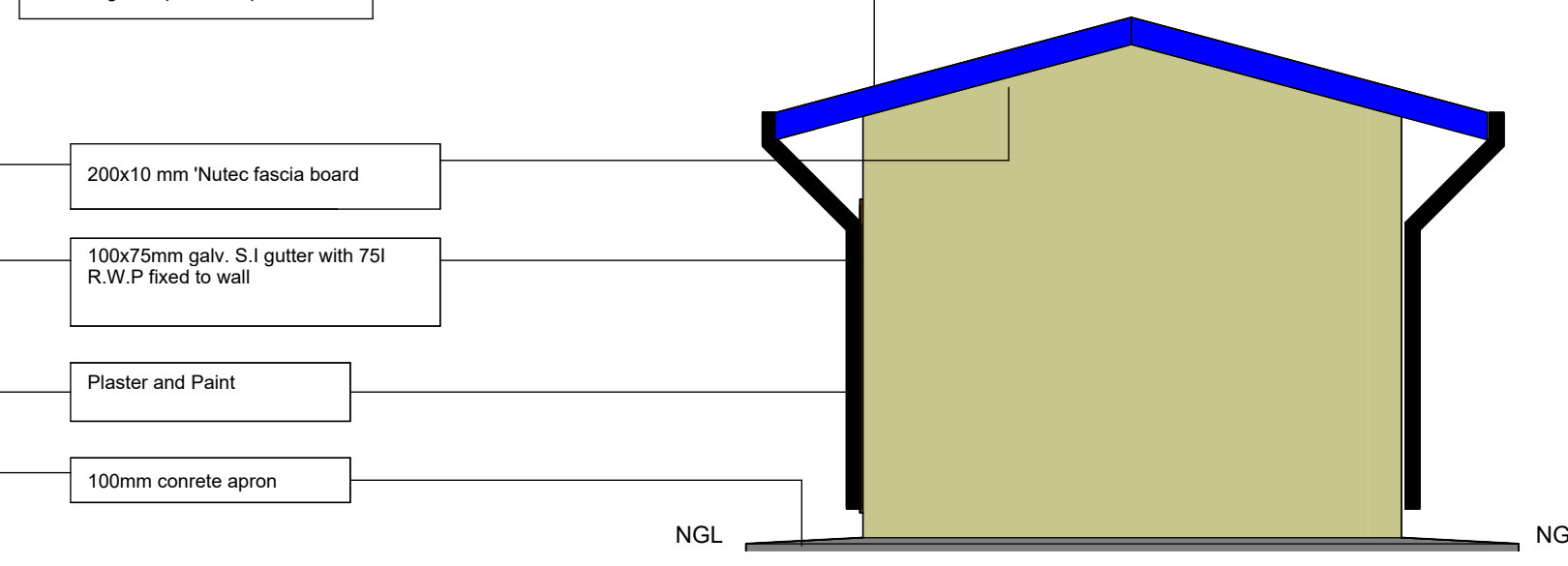
3 ELEVATION 3
1 : 50



4 ELEVATION 4
1 : 50



2 ELEVATION 1
1 : 50



5 ELEVATION 2
1 : 50

THIS IS COPYRIGHT
DRAWING SHOULD NOT BE SCALED. WORK TO FIRED DIMENSIONS ONLY ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR BEFORE COMMENCING ANY WORK.

FOUNDATIONS
1. TRENCHES TO BE MINIMUM 700MM DEEP
2. FOUNDATION WALL TO REST ON 700X250MM FOUNDATION FOOTING.
3. BRICK REINFORCEMENT TO BE USED IN EVERY COURSE
4. MINIMUM OF 200MM HARCORE FILLING TO BE FILLED AND COMPACTED
5. ALL MASS CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH 20 Mpa
6. PROPOSED MIX DESIGN IS TO BE SUBMITTED AND ACCEPTED BY THE ENGINEER PRIOR TO ANY CONCRETE BEING CAST.
7. REINFORCEMENT COVER IS TO BE 50 mm
8. 50mm CONCRETE BLINDING.
9. FOUNDATION LEVELS ARE TO BE AGREED WITH THE ENGINEER ON SITE.
10. THE DESIGN ENGINEER IS TO BE NOTIFIED AND GIVEN THE OPPORTUNITY TO INSPECT THE EXCAVATIONS AND FIXED REINFORCEMENT PRIOR CONCRETING.

BRICKWORK
1. CLASS II CEMENT MORTAR
2. WALL MUST BE REINFORCED EVERY THIRD COURSE.
3. BRICK REINFORCEMENT TO BE USED IN EVERY THIRD COURSE UP TO FIRST FLOOR LINTOL LEVEL.
4. BRICK REINFORCEMENT TO BE USED IN EVERY COURSE BETWEEN LINTOL LEVEL.
5. BRICKS ARE TO BE HAVE A NOMINAL STRENGTH OF 7 Mpa.

GROUND FLOOR SLAB
1. ALL VEGETATION MATERIAL BELOW SLAB IS TO BE REMOVED.
2. FILL MATERIAL FOR GRANULAR FILL BELOW BEARING SLAB IS TO BE (G7 OR BETTER MATERIAL) ENGINEER TO CHECK AND APPROVE PRIOR TO ANY CONCRETE BEING CAST.

DPC
1. DPC TO ALL WALLS AT FLOOR LEVEL , UNDER ALL WINDOWS VERTICAL. DPC TO ANY CHANGE OF FLOOR LEVEL. ALL DPC TO MEET SABS STANDARDS.

CONSTRUCTION JOINTS
1. SAW-CUT JOINTS IN GROUND FLOORS SLABS ARE TO BE CUT WITHIN 24HOURS OF POURING THE SLAB.

GUTTERS AND DOWNPIPES
1. 150 X150 DOMESTIC GUTTERS
2. GAL. S.I gutter with 75l R.W.P fixed to wall.

PLASTERING & WALLS
1. ALL WALL SHALL BE PLASTERED 15mm THICK PLASTER WITH STEEL FLOAT FINISH INTERNALLY AND EXTERNALLY.
2. INTERNAL EXTERNAL WALLS TO BE SMOOTH PLASTERED.
3. PRIMED AND PAITED WITH HIGH-GRADE INTERNAL EXTERNAL PAINT.
4. COLOUR AS PER CLIENT'S APPROVAL.

PAINTWORK
1. ALL WALLS SHALL BE PAINTED INTERNALLY WITH 1 UNIVERSAL ALKYD UNDERCOAT SEALER AND TWO COATS PVA ACRYLIC PAINT.

CEILING
1. ALL ROOMS TO HAVE CEILING, 4mm NuTEC BOARD PAINTED WITH ONE COATS OF WATER PAINT AND ONE COAT HIGH GRADE INTERNAL QUALITY PVA EMULSION PAINT COMPLETE WITH CORNICES ALONG THE WALL.
2. 4MM BOARD NAILED TO BRANDERINGS 38X38 SA PINE GRADE 6) AT 400MM C/C OWNERS CHOICE.

DRAINAGE NOTES
1. REGISTERED PLUMBER AND DRAIN LAYER TO WORK TO STRICT CODES AND REGULATIONS OF LOCAL AUTHORITY.
2. SOIL WATER DRAINS OF 100 PVC PITCH FIBRE PIPES LAID TO FALL 1:40
3. WASTE PIPES TO BE FITTED WITH RESEAL TRAPS .
4. DRAIN TO FALL MINIMUM 1:6 OVER FULL LENGHT WITH I.E 1200MM OF CONSERVANCY TANK CONNECTION.
5. ALL DRAIN UNDER PAVING TO BE ENCASED IN CONCRETE AND NOT CARRY LOAD.
6. PROVIDE CLEARING AT EVERY CHANGE OF DIRECTION AND AT 20M STRAIGHT SEWER PIPES.
7. PROVIDE INSPECTION PIPES TO BENDS AND JUNCTIONS MARKED COVER AT 8. PROVIDE 50MM ANTI-SYPHON PIPES WHERE REQUIRED AND WHERE DROP EXCEED 1200MM.
9. ALL 38MM WASTE FITTINGS TO HAVE HAVE RESEAL TRAP AND TO BE FULLY ACCESSIBLES INCLUDING ALL BENDS.
10. ALL DRAINS TO COMPLY WITH NHBRC REGULATIONS.

PLATFORM CONSTRUCTION PROCEDURE:
1. SITE CLEARANCE OF ALL ORGANIC MAITERIAL ON FOOTPRINT
2. EXCAVATE TO THE DEPTH SPECIFIED IN FOUNDATION DRAWING.
3. CREATE PLATFORM TO UNDERSIDE OF FLOOR LEVEL.
4. EXCAVATE FOOTING AND PLACE REINFORCEMENT.
5. WET FOOTING TRENCHES AND PLATFORM BEFORE POURING CONCRETE.

WINDOWS
CHARCOAL ALLUMINIUM RANGE WINDOWS. WINDOW SIZE AS PER PLAN.

ROOF
NOTE: Roof to specialist's design.
0.8MM THICK (B) 890 METAL ROOF SHEETING WITH CHROMADEK Z275 PROTECTIVE COATING. PRE-FABRICATED ,HOWE TRUSSES.

NOTE: Roof installation to be done by a specialist.
ON-SITE THE ROOF MUST BE PLACED ON EVENLY LAID PALLETES, COVERED & PROTECTED AGAINST WEATHER. HURRICANE CLIP FIXED WITH PERMIX NAILS OR BOLTS THROUGH PRE-DRILLED HOLES AT COVERED VERANDAH.

CARBOLINEUM WOOD PRESERVER
ALL EXPOSED STRUCTURAL TIMBER IS TO RECEIVE TWO COATS CARBOLINEUM. TIMBER MUST BE DRY AND CARBOLINEUM APPLIED TO THE ENTIRE ROOF TRUSSES BEFORE THE APPLICATION OF ROOF SHEETS.

GENERAL NOTES

- ALL WORK TO COMPLY WITH THE NHBRC AND S.A.B.S 10400 STANDARDS.
- ALL EXCAVATIONS & REINFORCEMENT MUST BE INSPECTED AND APPROVED BY THE ENGINEER.
- CONCRETE COVER TO ALL REINFORCEMENT TO BE 50 mm.
- THE CONTRACTOR MUST ENSURE THAT THE REINFORCEMENT ARE KEPT IN POSITION BEFORE & DURING THE CONCRETE BEING CAST.
- REINFORCEMENT MUST BE KEPT IN POSITION BY APPROVED S.A.B.S PLASTIC COVER CLIPS
- STRENGTH OF ALL CONCRETE TO BE 20Mpa.
- STRIP TO BE KEPT WET FOR 7 DAYS.
- 193 MESH TO BE USED WITH A MIN OVERLAP OF 300mm.
- BRICKWORK ON STRIP FOUNDATION MAY ONLY COMMENCE AFTER 7 DAYS SINCE CONCRETE WAS CAST.
- MASONRY UNITS SHALL HAVE AN AVERAGE COMPRESSIVE OF 7 Mpa STRENGTH AS PER NHBRC STANDARDS.
- ALL MORTAR USED SHALL BE OF CLASS II.
- BRICK FORCE IN EACH LAYER ABOVE DOOR TOP LEVEL AND EVERY THIRD LAYER IN BETWEEN THE REST OF THE STRUCTURE WITH A MIN OVERLAP OF 300mm.
- PRIMARY BED JOINTS ABOVE AND OPENINGS MUST BE REINFORCED WITH 2X5.6 mm EXTENDING 600mm BEYOND OPENINGS.
- ALL CONCRETE PRESTRESSED LINTELS TO BE S.A.B.S 1504.
- PROTECT AND SAFE GUARD BUILDING AND SERVICES
- GIVE TOP FOUNDATION A TROWEL FINISH AND FOUNDATION MUST BE SQUARE LEVEL AND SMOOTH.

DRAWING TITLE: TYPE C S 12

DESIGNED BY: VD MHLONGO
DRAWN BY: VD MHLONGO

APPROVED BY: PROJECT MANAGER N. BAARTMAN Pr TECH Eng
CHECKED BY: S.N SHERINDI

SIGNATURE: [Signature]
DATE: 25/10/2024

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Ingula Pumped Storage Scheme
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NUSPARK
ARCHITECTS, PLANNERS & ENGINEERS.

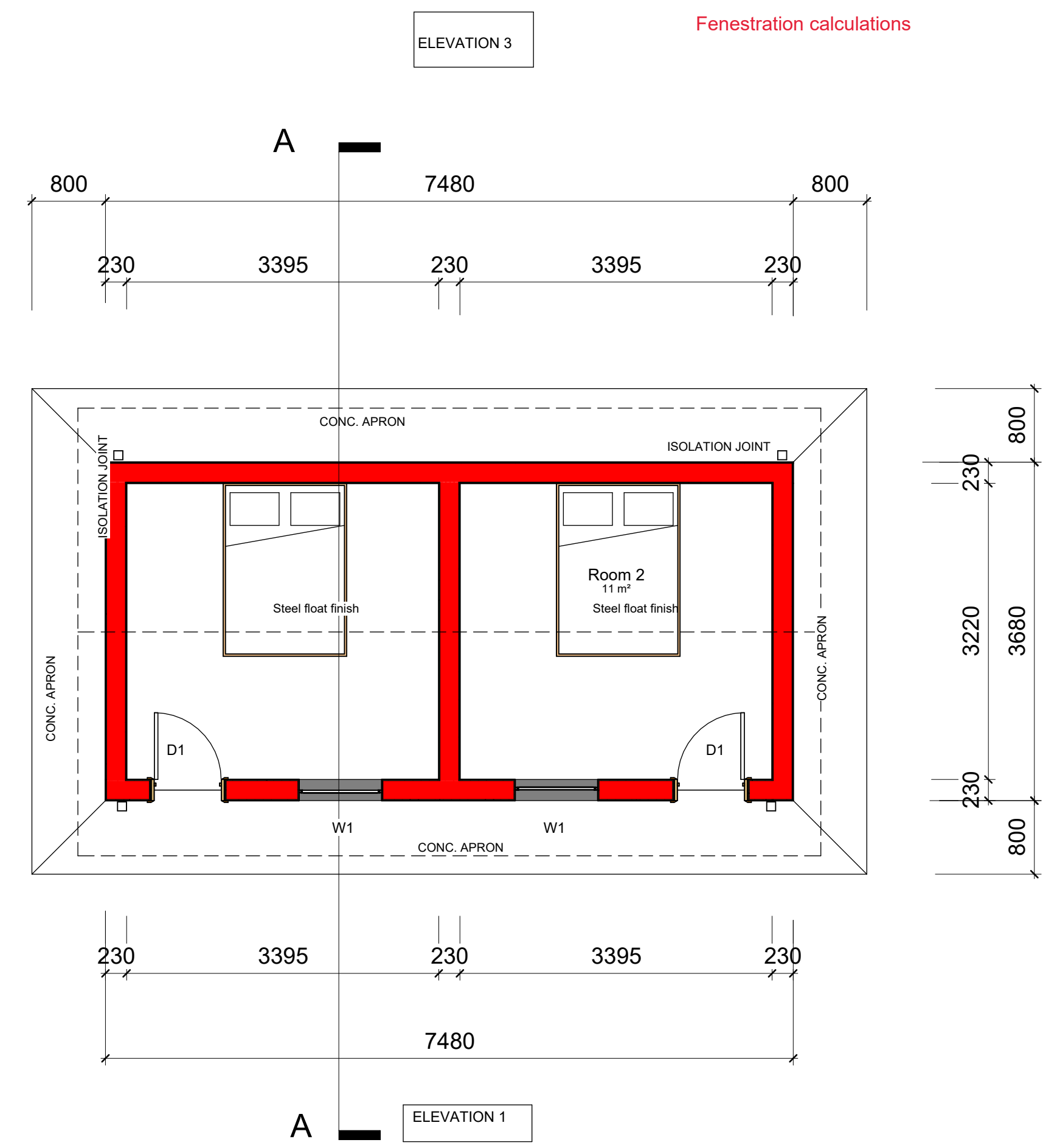
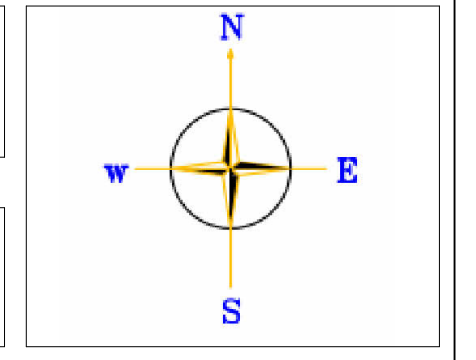
Unit 26 - Midline Business Park
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PROJECT NO: 4600074417
SCALE: N.T.S
SHEET SIZE: A1

DRAWING NO: TYPE C S 12
SHEET NO: 1

REVISION: 0

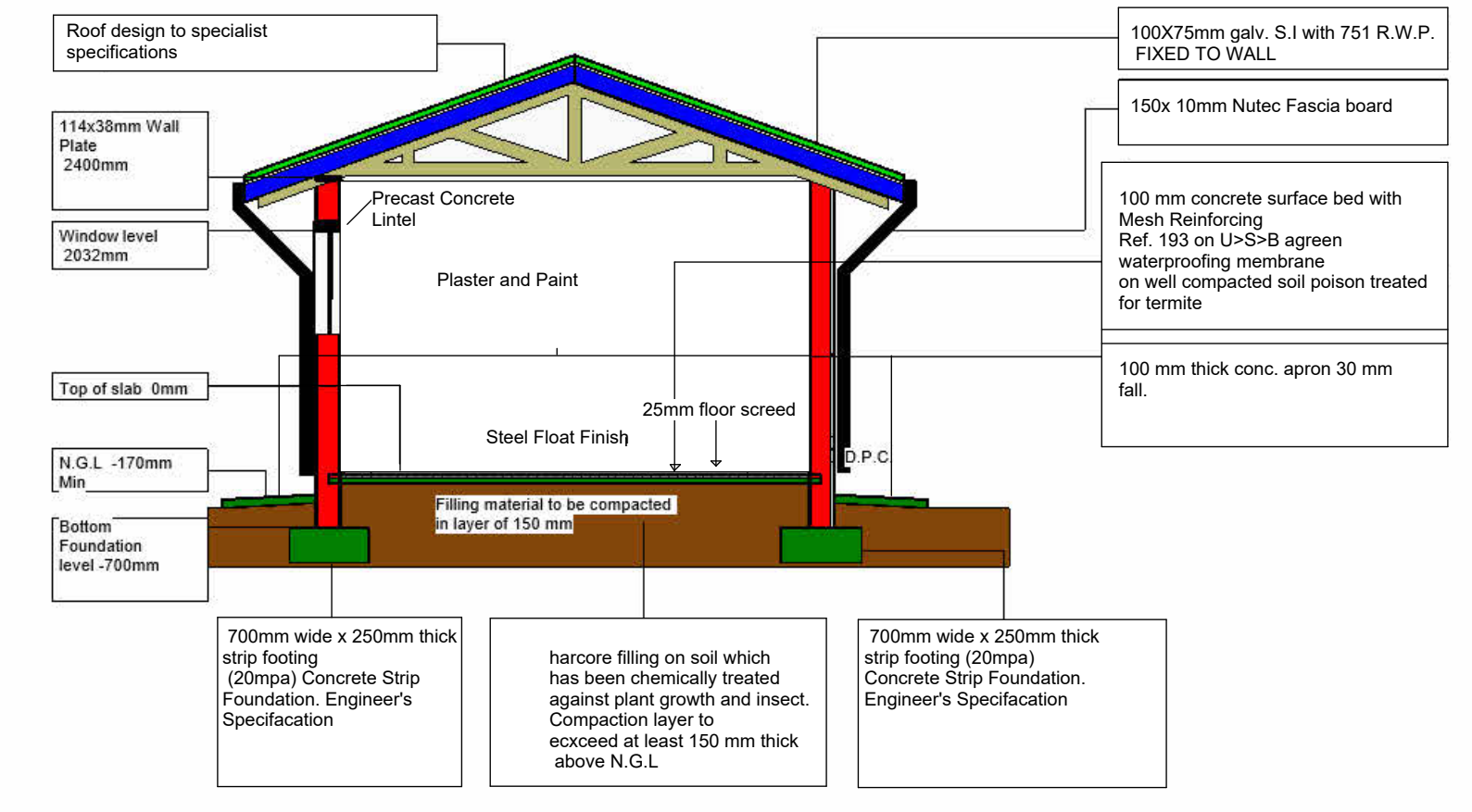
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1 GROUND FLOOR LAYOUT
1 : 50

WINDOW AND DOOR SCHEDULE	900	915
CATALOGUE NO	PT99	External Double Flush Door
DESCRIPTION	Aluminium Window Frame	Standard 12mm pressed steel single rebale frame hard board wood door complete with 2 level lockset.
QUANTITY	2	2
TYPE MARK	W1	D1

Window & Door Legend
1 : 50



6 Section A-A
1 : 50

Room Schedule

Name	Area	Floor Finish	Wall Finish
Room 1	Not Placed	Steel float finish	Plaster & paint
Room 2	11 m ²	Steel float finish	Plaster & paint

Door Schedule

Family and Type	Height	Width
Doors : .	2110	810
Doors : .	2110	810

Window Schedule

Family and Type	Height	Width
PT99: 900 x 900 9T9	900	900
PT99: 900 x 900 9T9	900	900