

Proposed New Building For...
Revival Fellowship Full
Gospel Church
No.1 Duiker Close
Pelican Heights, Pelican Park
Erf: 1248
Cell: 079 484 2269

Area 4015,00m²
Proposed Church 410,00m²
Refuge Room 8,00m²
Total Coverage 418,00m²
Percentage Cov. 11,00%

[All walls to comply with sans 10400 part K]

SPECIFICATIONS

WALLS

230mm, 190mm, 345mm Walls & 90mm WALLS PLASTERED BOTH SIDES ON 700x230mm CONCRETE FOOTINGS FOOTINGS: WALLS UNDER CONCRETE SLAB TO BE SOLID TO CONCRETE FOOTINGS. NO FOOTINGS TO PROJECT BEYOND SITE BOUNDARY.

FLOORS

25mm SCREED ON 100mm CONCRETE SLAB, ON 250 MICRON DPC, (SABS APPROVED), ON HARD COMPACTED HARDCORE FILLING RIVER SAND.

CEILINGS

6mm Pvc CEILING BOARD ON 38x38mm BATTENS @ 400mm MAX. C/C. ON TO UNDERSIDE OF RAFTERS WITH 4" NAILS & foam CORNICE AROUND EDGES.

FASCIAS

DIAPYNTA, 120x65mm PVC GUTTERS & 75mm Ø DOWNPIPES WITH WATER-CHANNEL'S RUNNING TO THE STREET.

FIRE REQUIREMENT NOTES:

SAFETY DISTANCES:
Safety distances to comply with building reg. SANS 104000T 2011 Sect 4.2 Annex D

Ceilings to comply with Fire Protection plan - regarding SANS 10400-T 2011 Sect 4.13 (Ceiling)

Fire protection plan (Internal Finishes) according to SANS 10400-T 2011 Sect 4.15 plaster and paintings.

Fire Protection Plan (Emergency Lighting) According to SANS 10400-T:2011 Sect. 4.30.4

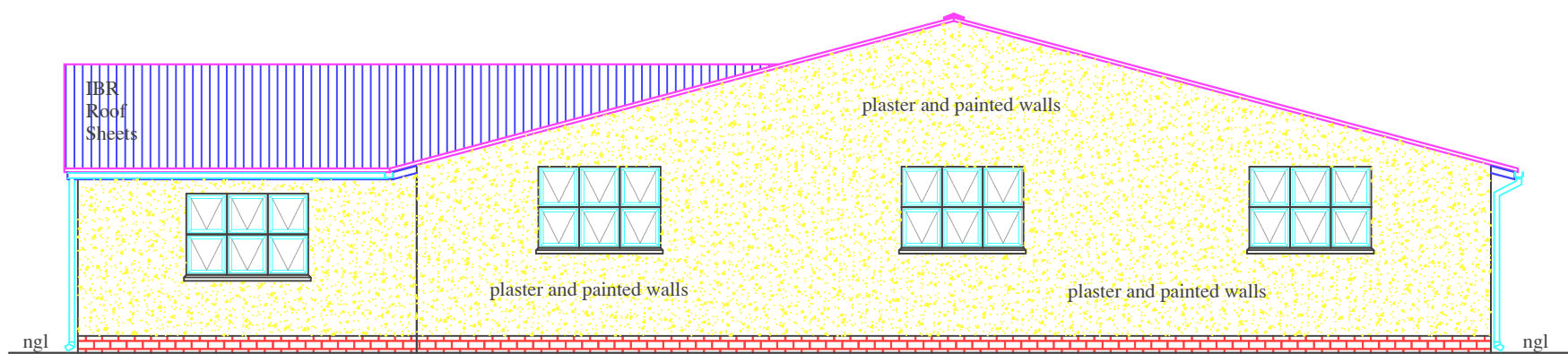
Fire Protection Plan (Marking & Signposting) Markings and Signposting according to SANS 10400-T 2011 Sect. 4.29.5

Fire Protection Plan (Fire Fighting Hose Reels) Fire fighting Hose reels shall have a Flow pressure of 300kPa at the time of The Final Completion Inspection

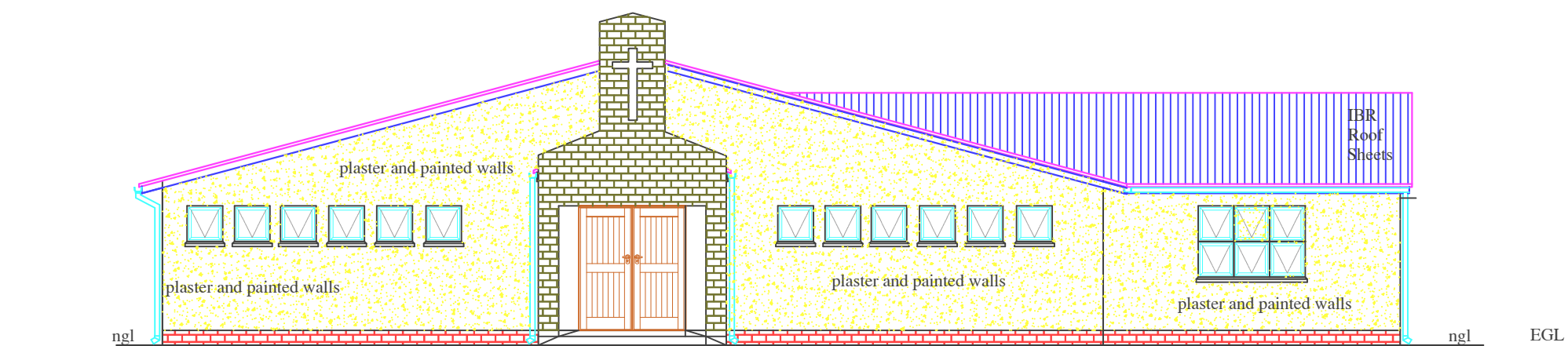
SANTIAGO DESIGNS C.C.

K.W. BROWERS
41 SANTIAGO STREET
MALIBU VILLAGE.....
BLUE DOWNS.....
7100.....
TEL/FAX: 021 909 4561.....
CELL: 073 010 7059.....
EMAIL: Avanza209@gmail.com

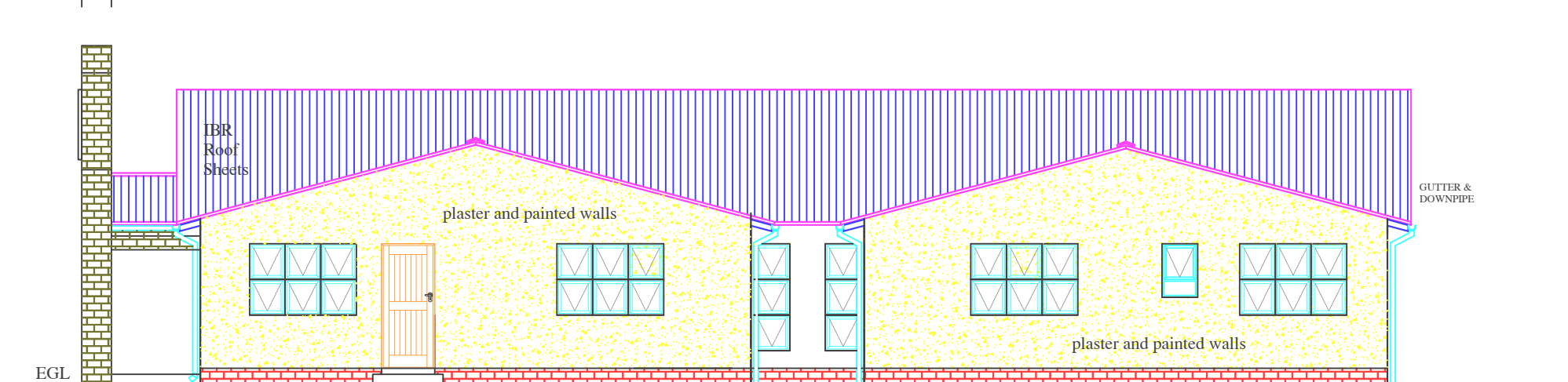
DRAWING NO: U.A.092
DATE STARTED: 20.05.2024
DATE COMPLETED: 29.06.2024



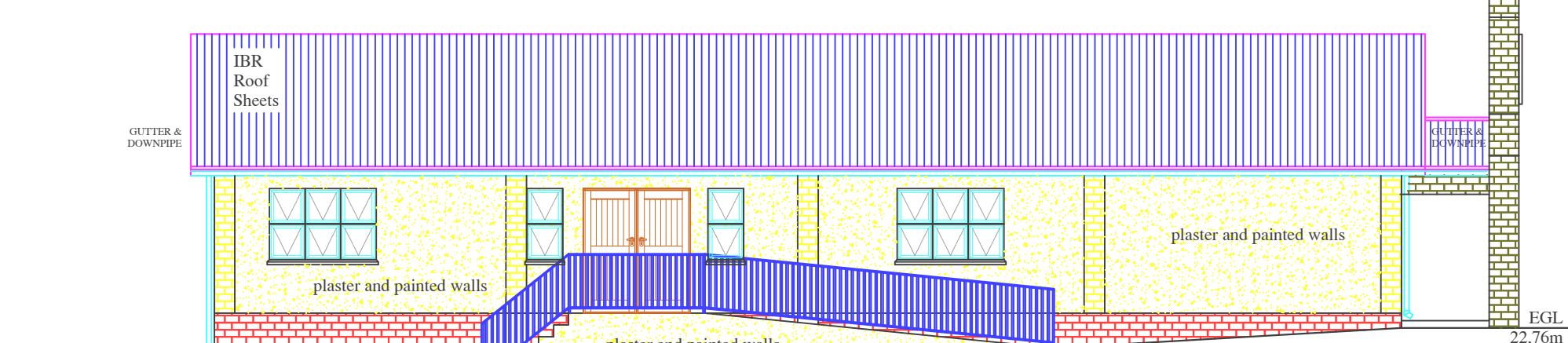
North-East Elevation



Front Elevation



South-East Elevation



North-West Elevation

- 1:Roof anchoring:Heavy roofs tied down with two strands of 4mm galv. steel wire embedded 300mm into the wall.
- 2: Roof anchoring:Light roofs tied down with 30mmx1,6mm galv.steel strapembedded 600mm into the wall.
- 3: TIMBERS BUILT INTO WALL TO BE ADEQUATELY PROTECTED WITH DPM.

TIMBERS BUILT INTO WALL TO BE ADEQUATELY PROTECTED WITH DPM.

TIEING DOWN OF RAFTERS
RAFTERS TO BE TIED DOWN TO WALLS WITH 1.2x30mm GALV. HOOP-IRON STRAPS 600mm DOWN.

CROSS BRACING
114x38mm DIAGONAL END BRACING @45° NAILED TO UNDERSIDE OF RAFTERS @ EACH END OF ROOF AND IN BOTH PLANES.

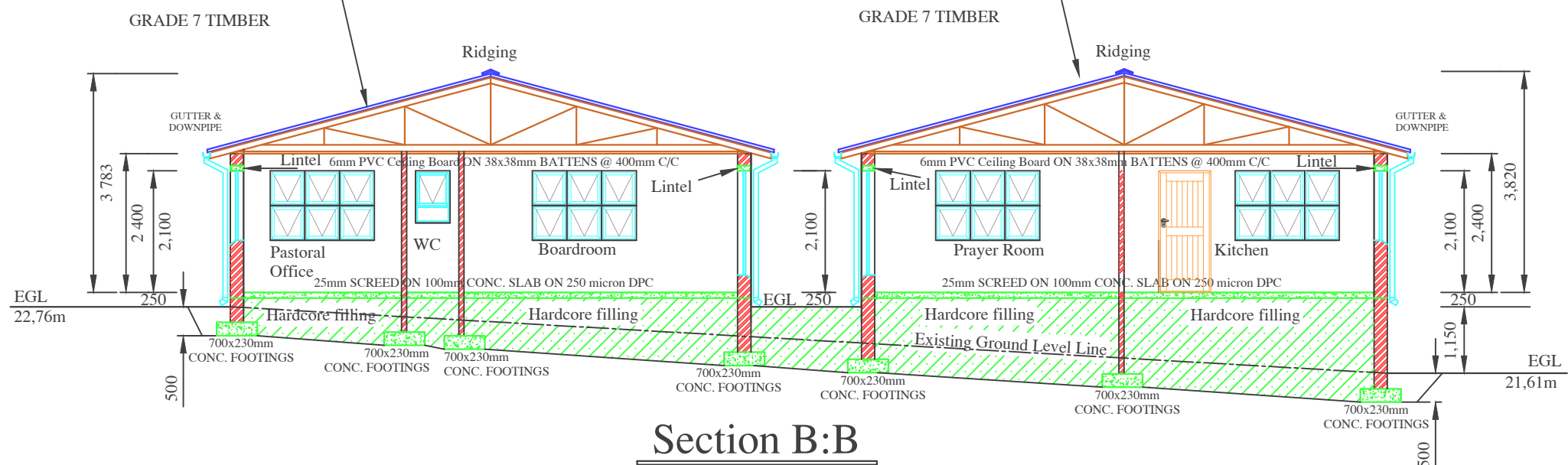
CONNECTING DEVICES REQUIRED IN HEEL-JOINTS AND SPLICES 3ø Ø12mm BOLTS PLUS 3ø" (90x4mm) NAILS. ANY OTHER JOINTS THAN A HEEL-JOINT & SPLICE IN 12mm Ø BOLTS + 4ø" (90x4mm) NAILS SHALL BE USED.

ROOF CONSTRUCTION

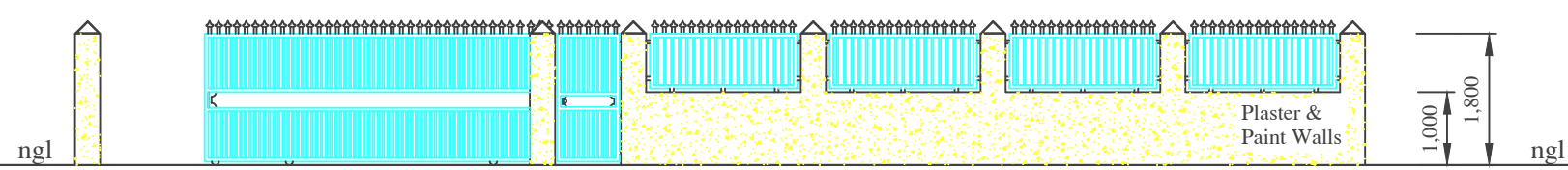
IBR ROOF SHEETS @ 15° PITCH, ON 38x38mm BATTENS @ 300mm C/C. ON 225 micron SABS approved UNDERLAY SHEETING, ON PREFAB TRUSSES @ 720mm MAX. C/C. ON 114x38mm WALLPLATE, TIED DOWN WITH 3øx1,200mm GALVANISED HOOP-IRON STRAPS EMBEDDED 600mm INTO BRICKWORK.

ROOF CONSTRUCTION

IBR ROOF SHEETS @ 15° PITCH, ON 38x38mm BATTENS @ 300mm C/C. ON 225 micron SABS approved UNDERLAY SHEETING, ON PREFAB TRUSSES @ 720mm MAX. C/C. ON 114x38mm WALLPLATE, TIED DOWN WITH 3øx1,200mm GALVANISED HOOP-IRON STRAPS EMBEDDED 600mm INTO BRICKWORK.



Section B:B



Typical Boundary Wall Elevation

NO FOOTINGS TO PROJECT BEYOND SITE BOUNDARY.

FIGURED DIMENTIONS TO BE TAKEN IN PREFERENCE TO SCALE DIMENSIONS

CONTRACTOR TO CHECK ALL DIMENTIONS AND LEVELS BEFORE SETTING OUT ANY WORK.

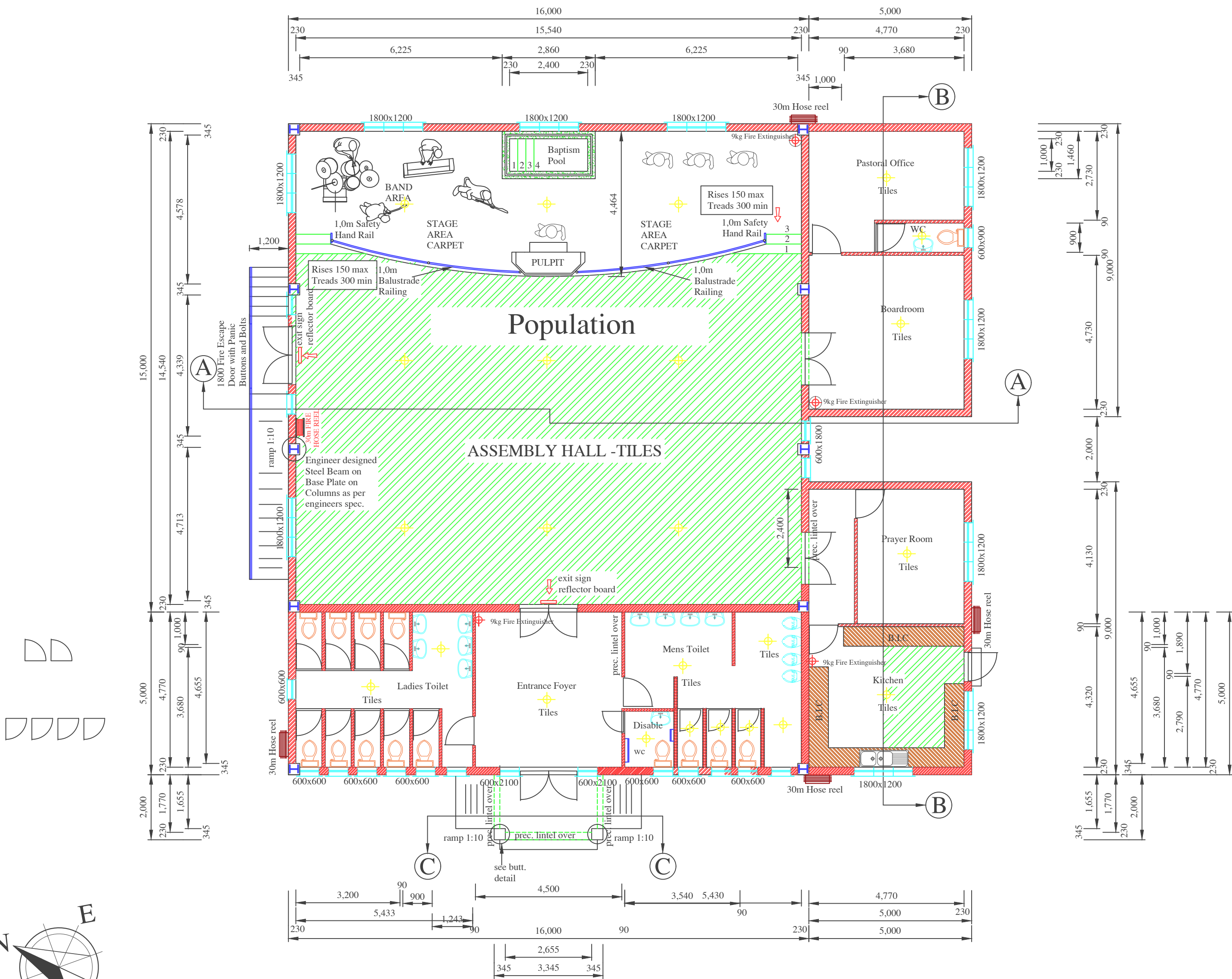
ALL GLAZING TO COMPLY WITH REQUIREMENTS OF SANS 10137 & SANS 10400 PART N - ACCESS DOORS AND SIDE LIGHTS. WINDOWS LOWER THAN 500mm FROM FLOOR, WINDOWS LOWER THAN 1800mm ABOVE PITCH LINE OF STAIRS AND SHOP FRONTS TO BE SAFETY GLASS AND CLEARLY INDICATED AS SUCH ON GLASS AT EYE LEVEL.

WINDOWS IN ACCESS OF 1.8M FROM BATHS OR SHOWERS TO BE SAFETY GLAZED

Part P.4.22.5

A DRAIN SHALL HAVE A SOIL COVER OVER THE OUTSIDE OF THE DRAIN OF NOT LESS THAN 300MM. OR PRECAST OR CAST-IN -SITU CONCRETE SLABS PLACED OVER THE DRAIN. ISOLATED FROM THE CROWN OF THE PIPE BY A SOIL CUSHION NOT LESS THAN 100MM THICK AND THE SLABS SHALL BE WIDE ENOUGH AND STRONG ENOUGH TO PREVENT EXCESSIVE SUPERIMPOSED LOADS BEING TRANSFERRED DIRECTLY INTO PIPES.

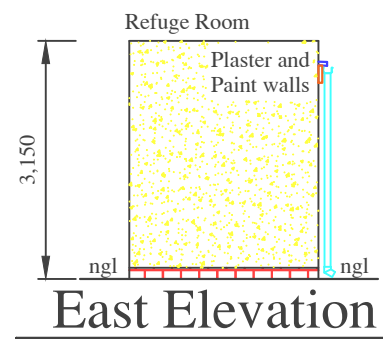
DEMAND MANAGEMENT SYSTEM- SCHEDULE OF WATER EFFICIENT SHOWERHEADS AND TAPS TO BE USED.-WATER EFFICIENT DUAL FLUSH CISTERN TO BE USED. - E.G. - DUAL FLUSH CISTERN WITH A 3ltr and 6ltr FLUSH. - TAPS WITH MAXIMUM FLOW RATE OF 6ltr/min. - SHOWER HEADS WITH MAXIMUM FLOW RATE OF 7ltr/min. - DEMAND or METERING TAPS AT WASH HAND BASIN.



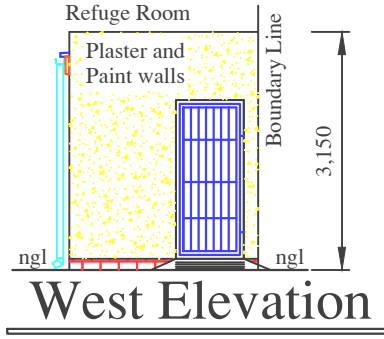
GROUND FLOOR PLAN
SCALE 1:100

1m High Balustrade Railings

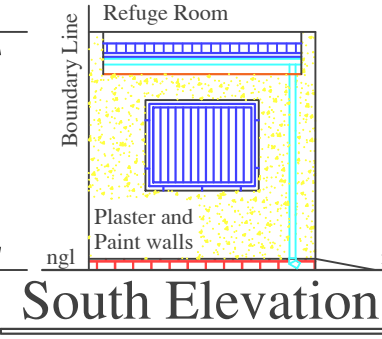
4.3 Prevention against falling 4.3.1 Any flight of steps which contains more than three risers shall have protection on both sides provided by a secure wall, screen, railing or balustrade which shall be not less than 1 m high and so erected that any such wall, screen, railing or balustrade in any occupancy classified as E2, E3, E4, H1, H2, H3, H4 or H5 shall not have any opening above the pitch line that permits the passage of a 100 mm diameter ball; provided that such protection in any occupancy that is not an occupancy classified as E2, E3, E4, H1, H2, H3, H4 or H5 shall consist of at least a handrail and one other rail midway between such handrail and the stair tread. 4.3.2 Any flight of stairs which contains more than five risers shall be provided with at least one continuous handrail extending the full length of such flight, provided that this requirement shall not apply to any building classified as H4, or within individual dwelling units in an occupancy classified as H3. 4.3.3 The handrail to any flight of stairs provided in terms of 4.3.2 shall be: a) on at least one side of the flight where the width of the flight is less than 1,1 m, and on both sides where the width exceeds 1,1 m, b) securely fixed to such wall, screen, railing or balustrade at a height of not less than 850 mm and not more than 1 m measured vertically from the pitch line to the upper surface of the handrail, and c) of such a design and so fixed that there shall be no obstructions on, above or near to it which might obstruct the movement of a hand moving along it. 4.4 Masonry stairways Masonry stairways and landings in occupancies classified as H3 and H4 in single-storey and double-storey buildings shall be in accordance with the provisions of figure 5 and the relevant requirements of SANS 2001-CM1 and SANS 2001-CC1 or SANS 2001-CC2. 8



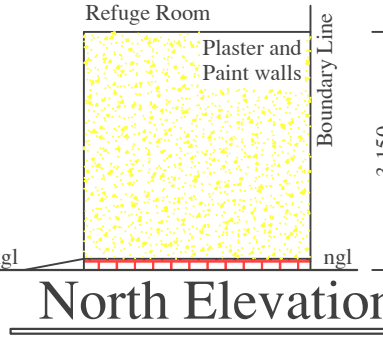
East Elevation



West Elevation



South Elevation



North Elevation