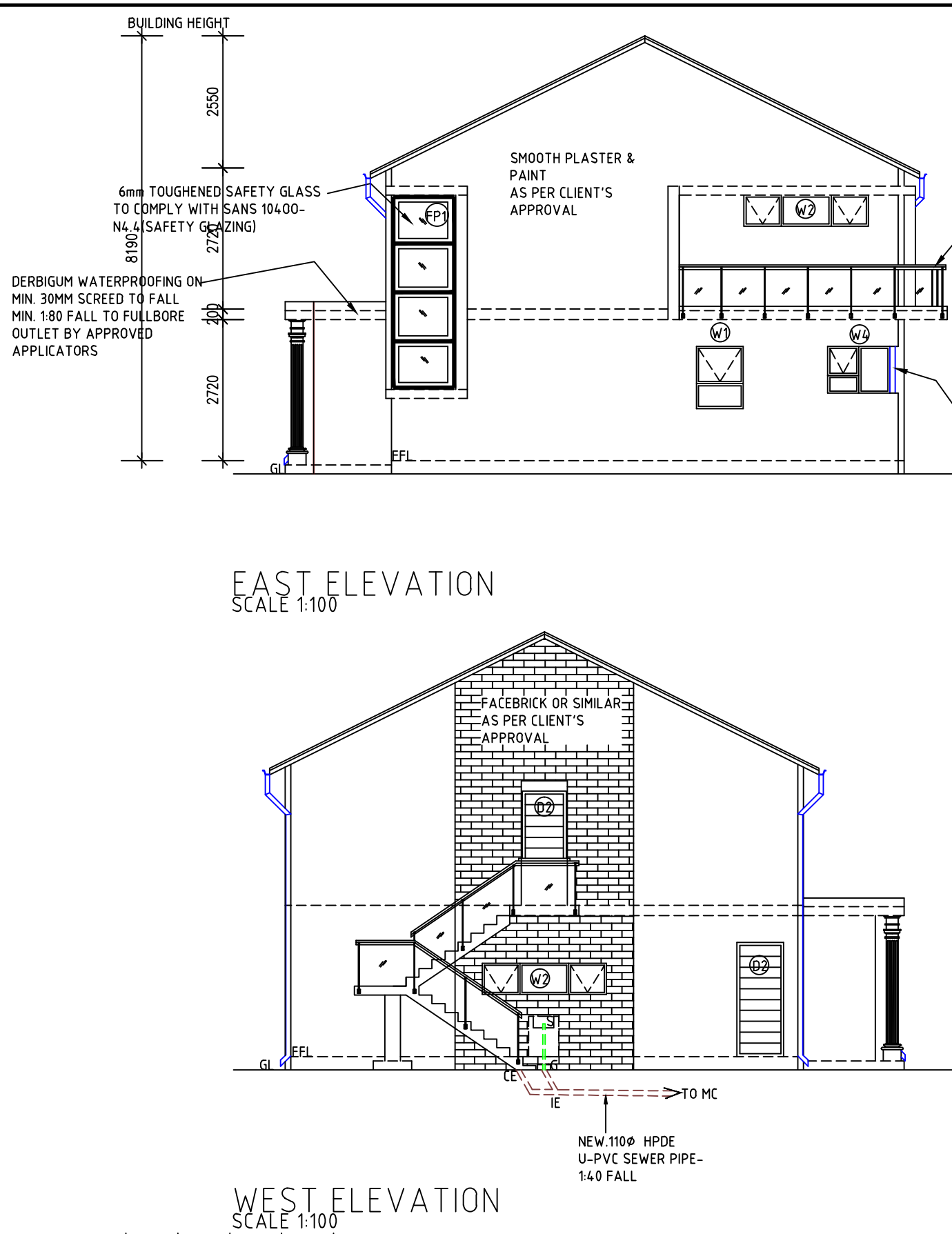
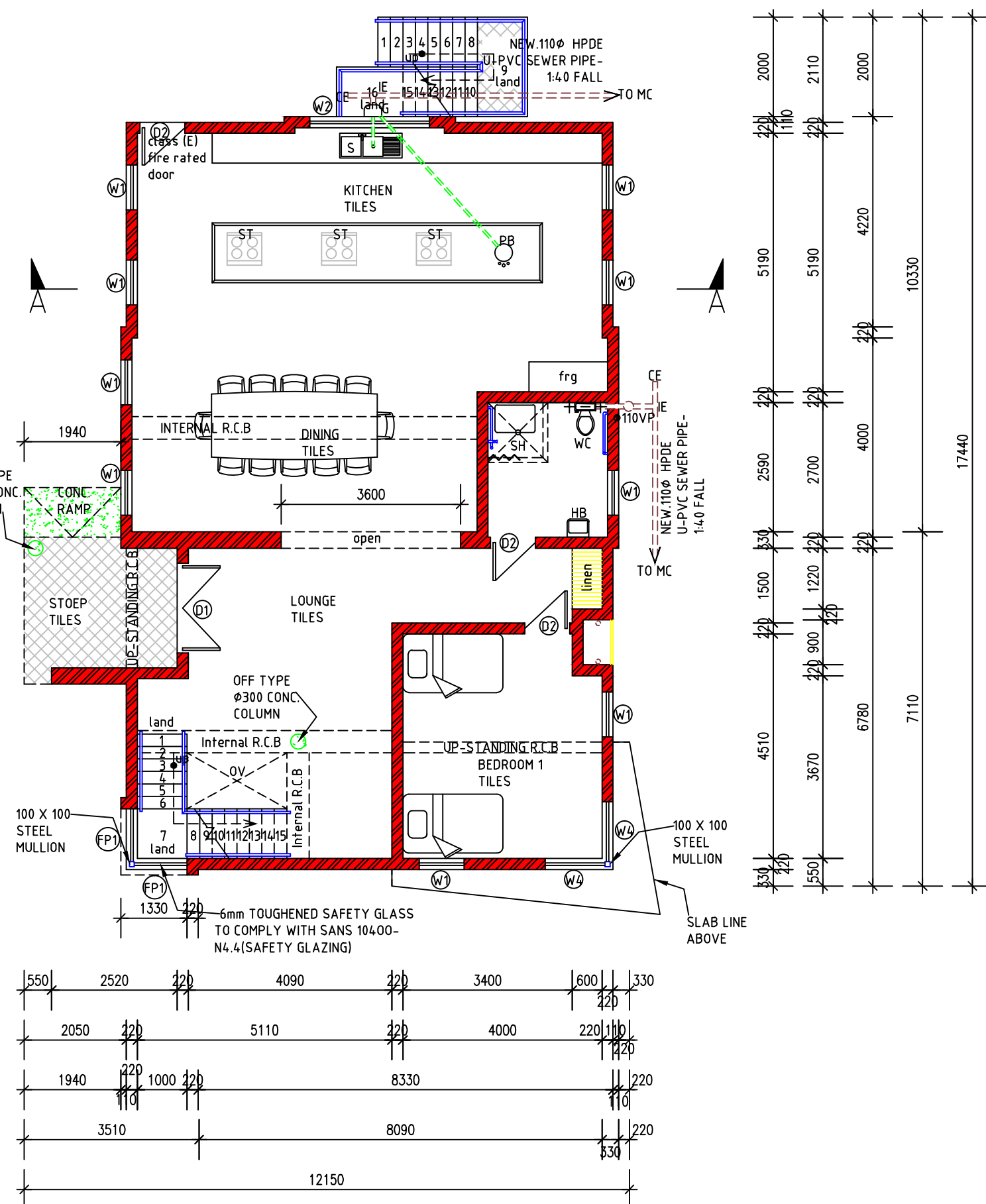
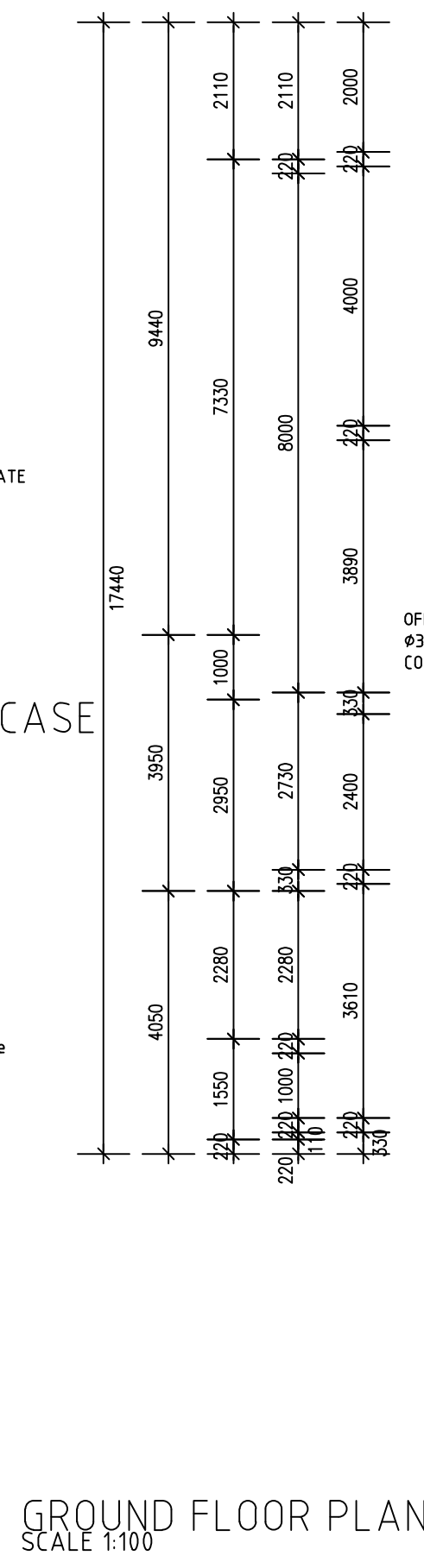
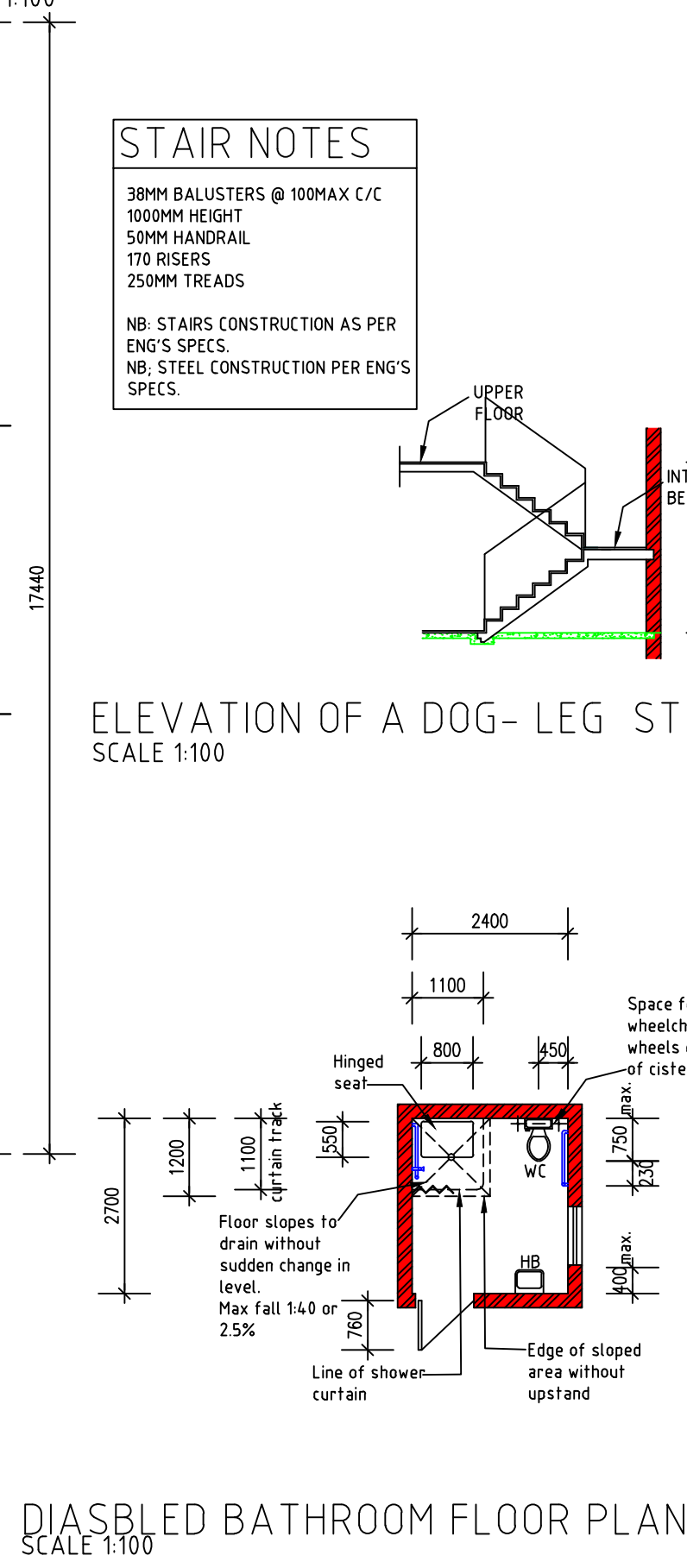
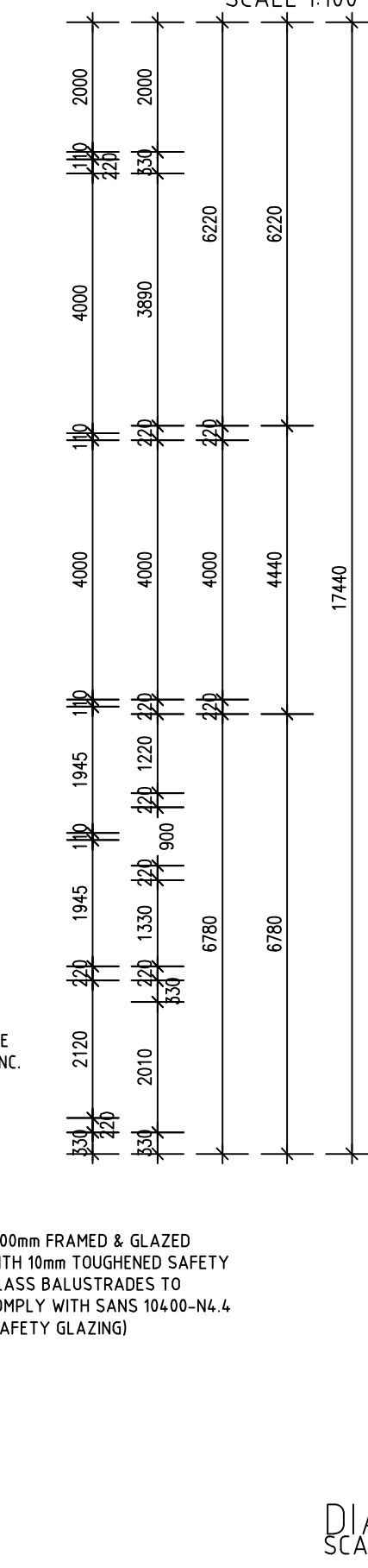
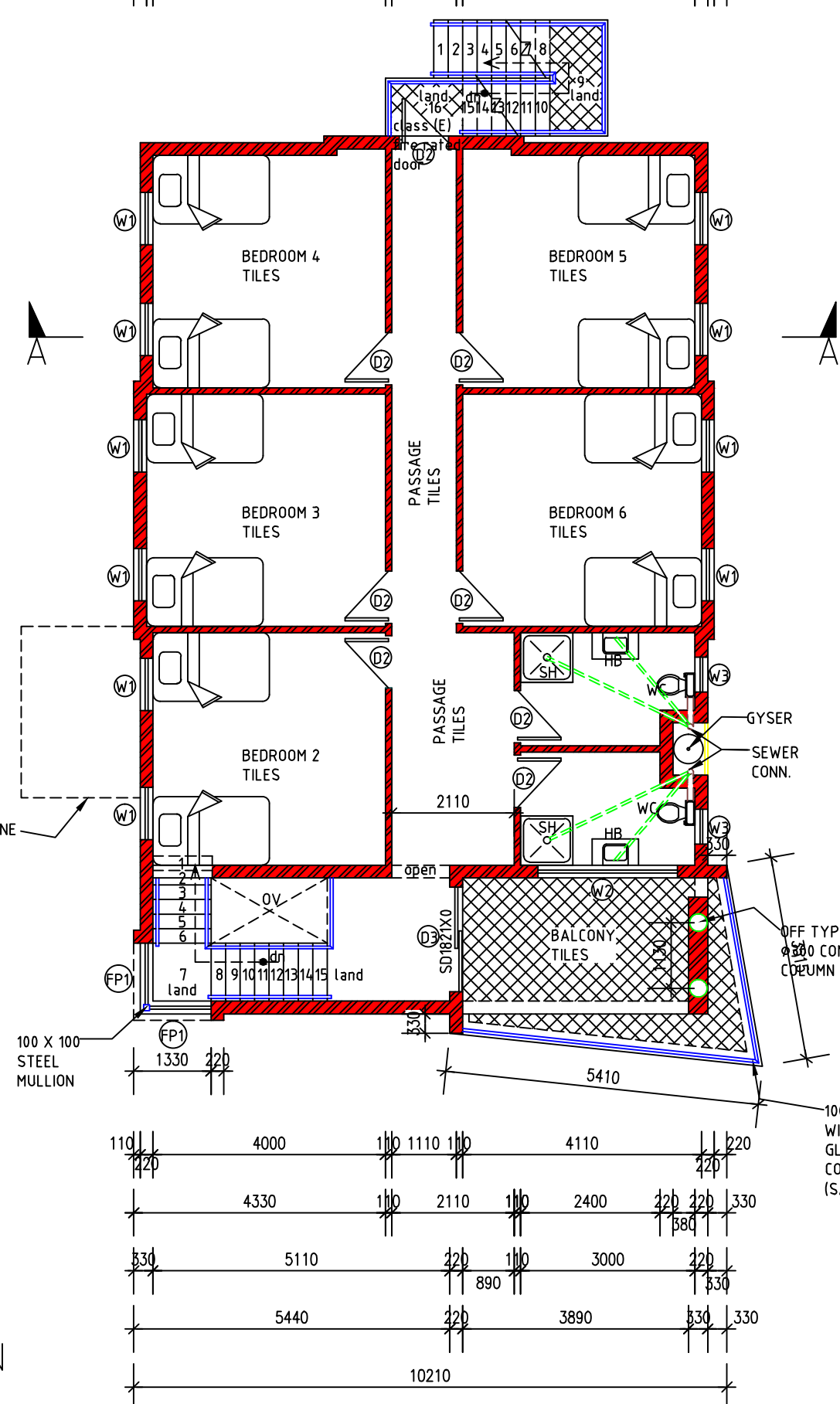
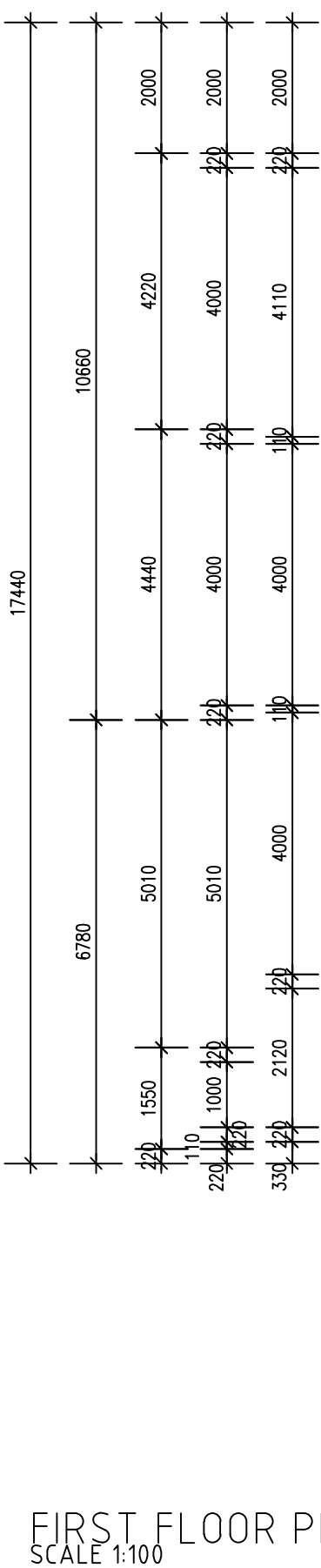
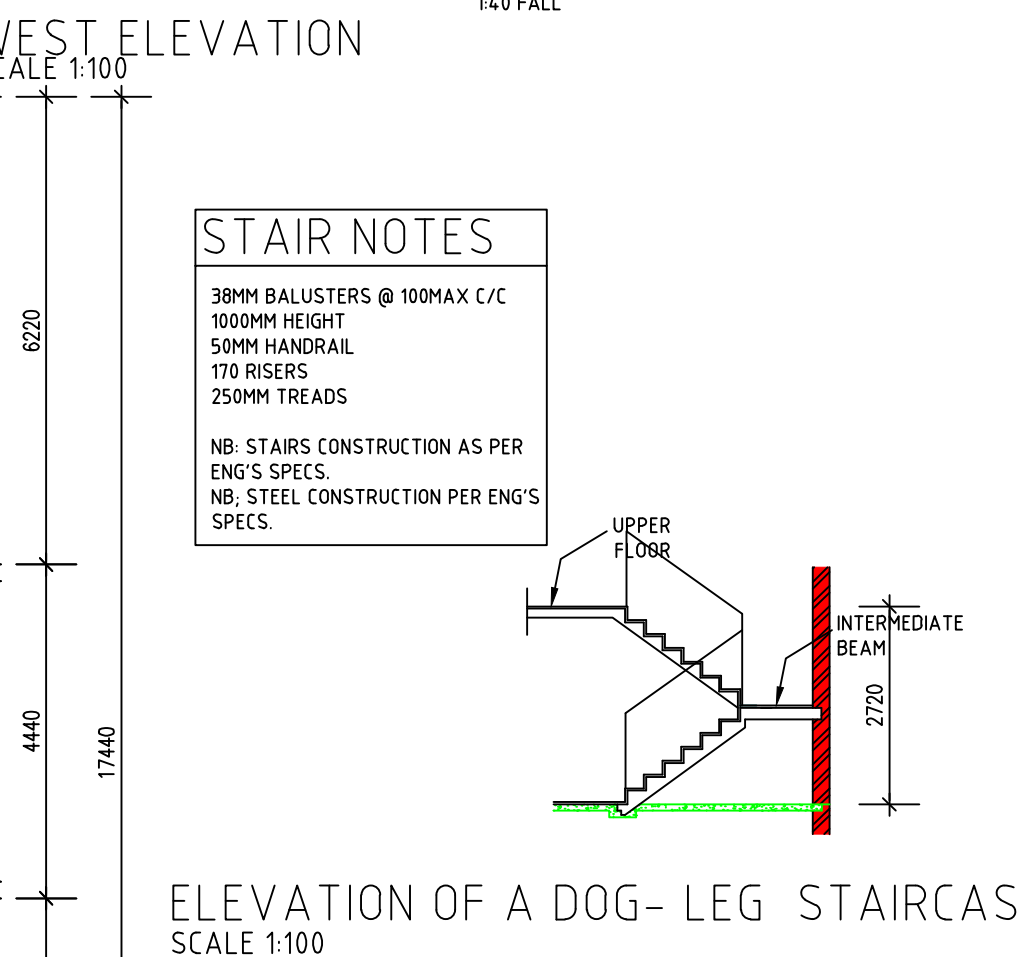


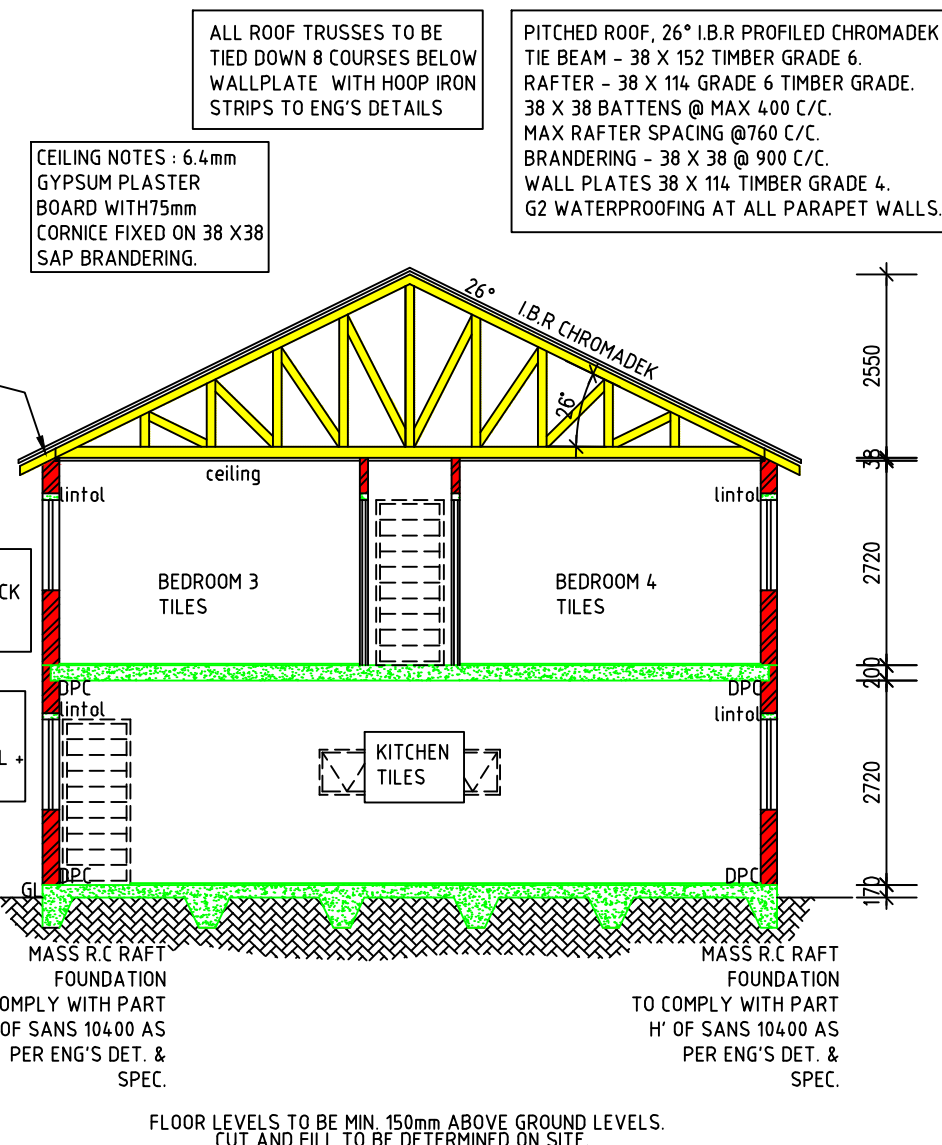
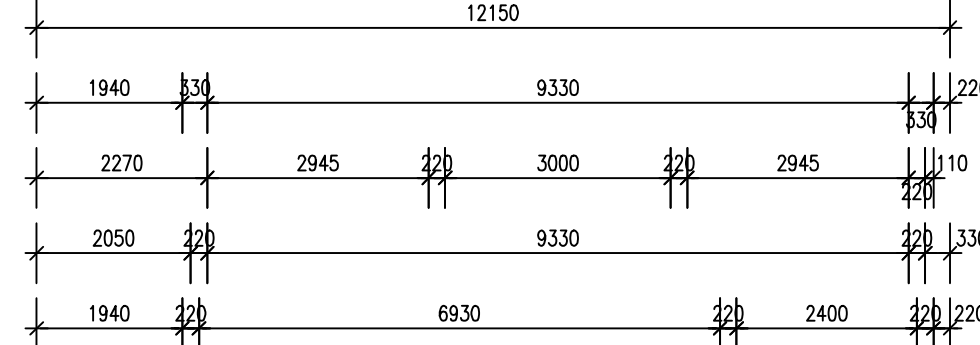
window schedule				
W1 (18)	W2 (2)	W3 (3)	W4 (2)	D1 (1)
Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.	Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.	Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.	Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.	Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.
Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.	Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.	Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.	Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.	Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.
D2 (11)	D3 (1)	GLASS BALUSTRADES		
Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.	Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.	Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.		
Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.	Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.	Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.		
FP1 (1)				
Frame: Powder coated aluminum frame to fix in situ. Prime finish as per client action.				
Glazing: 6mm toughened safety glass. They are to have 140mm fall. Safety glass to comply with SANS 10400-N4.				



WEST ELEVATION
SCALE 1:100



SECTION AA
SCALE 1:100



KEON CONSULTING ENGINEERS
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Turbine Hall,
65 Ntshongwana Street,
Newtown, Johannesburg

THESE NOTES SERVE AS AN ADDENDUM TO THE SPECIFICATION IN THE BILL OF QUANTITIES (BOQ). IN THOSE CASES WHERE THE BOQ SPECIFICATIONS DIFFER FROM THESE NOTES, THESE NOTES SHALL TAKE PRECEDENCE.

ON ORIGINAL
0 5 10 20 30 40 50MM

Engineer:
T. Chikwata Pr Eng (20140009)
M. Mzimba
T. Mphahlele
T. Chikwata

Drawn By: T. Mphahlele
Designed By: T. Mphahlele
Checked By: T. Chikwata

Signature: _____
Date: October 2024

Signature: _____
Date: October 2024

Signature: _____
Date: October 2024

CONCRETE NOTES:

1.0 SETTING OUT AND GENERAL
1.1 THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECT'S DRAWINGS
1.2 ALL DIMENSIONS AND HEIGHTS ARE TO BE CHECKED ON SITE BEFORE WORK IS PUT IN HAND
1.3 REPORT DISCREPANCIES TO ARCHITECT OR ENGINEER
1.4 THIS DRAWING MUST NOT BE USED TO SCALE OFF. USE ONLY WRITTEN DIMENSIONS. CONTACT THE ENGINEER OR ARCHITECT WHERE CLARITY IS SOUGHT
1.5 FOR SETTING OUT DATA, SETTING OUT POINTS AND DATUM LEVELS REFER TO SURVEY INFORMATION AND ARCHITECT'S DRAWINGS
1.6 STRUCTURAL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT SPECIFICATION AND THE RELEVANT S.A.S SPECIFICATIONS. ALL CONCRETE WORK IS TO BE DONE IN ACCORDANCE WITH S.A.S 1200G AND EARTHWORKS IN ACCORDANCE WITH S.A.S 1200D.

1.8 CONSULT RELEVANT ARCHITECTS, MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS AND DETAILS AS RELEVANT FOR DRAINAGE, STORMWATER OUTLETS, RWPS AND HOLES AND SLEEVES FOR THESE SERVICES. NO HOLES ARE TO BE CORED WITHOUT ENGINEERS WRITTEN APPROVAL.
2.0 FOUNDATIONS
2.1 ALL FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED IN WRITING BY THE ENGINEER BEFORE CONCRETE IS CAST

2.2 NO FOUNDATIONS ARE TO BE CAST IN FILL MATERIAL. A 50mm THICK LAYER OF 10MPa / 19mm BLINDING CONCRETE IS TO BE CAST UNDER ALL REINFORCED BASES, REINFORCED STRIP FOOTINGS AND GROUND BEAMS.
2.3 ANY OVER EXCAVATIONS ARE TO BE MADE GOOD WITH 10MPa / 19mm CONCRETE AT THE CONTRACTOR'S EXPENSE.
2.4 BACKFILLED OVER COLUMN BASES SHALL BE DONE WITH AN APPROVED MATERIAL COMPACTED IN LAYERS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
2.5 ALLOWABLE BEARING PRESSURE UNDER CONCRETE BASES = 150kPa
STRIP FOOTINGS = 100kPa
CONCRETE
3.1 CONCRETE CHARACTERISTIC 28 DAY STRENGTH: 25MPa / 19mm
CONCRETE
3.2 CONCRETE CHARACTERISTIC 28 DAY STRENGTH: 25MPa / 19mm
CONCRETE
3.3 ALL CONCRETE TO BE ADEQUATELY CURED BY KEEPING SURFACES CONTINUOUSLY DAMP FOR AT LEAST 5 DAYS AFTER CASTING

3.4 ALL CONCRETE TO BE CONSTRUCTED TO THE S.A.S 1200G PERMISSIBLE DEVIATION DEGREE OF ACCURACY CLASS II UNLESS SPECIFIED OTHERWISE
3.5 CONCRETE CUBE TEST RESULTS TO BE SUBMITTED TIMELY TO ENGINEER FOR PERUSAL, RECORDS, COMMENT AND APPROVAL
4.0 REINFORCEMENT
4.1 CHARACTERISTIC STRENGTH: 250N/mm²
MILD STEEL
4.2 ALL REINFORCEMENT TO BE CHECKED AND APPROVED BY ENGINEER BEFORE ANY CONCRETE IS CAST. 48 HOURS WRITTEN NOTICE TO BE GIVEN TO ENGINEER BEFORE TIME OF INSPECTION
4.3 LAP LENGTH TO REINFORCING TO BE MINIMUM 50 x SMALLER BAR DIAMETER, UNLESS OTHERWISE NOTED
4.4 MESH REINFORCEMENT REFERENCE 246 TO BE PLACED IN SLAB (TOP) MINIMUM LAPS = 300mm UNLESS OTHERWISE NOTED
4.5 THE CONTRACTOR MUST TAKE PARTICULAR CARE TO ENSURE THAT THE SPECIFIED COVER TO ALL REINFORCEMENT HAS BEEN ATTAINED THROUGHOUT BEFORE THE ENGINEER IS CALLED TO SITE FOR INSPECTION OF THE REINFORCEMENT
4.6 COVER TO REINFORCEMENT:
STRIP FOOTINGS: 50mm
BASES: 50mm
COLUMNS AND WALLS: 50mm
SUSPENDED SLABS: 30mm

4.7 CONTRACTOR IS TO CONDUCT HIS OWN INSPECTION OF REINFORCEMENT BEFORE CALLING THE ENGINEER FOR INSPECTION.
5.0 FORMWORK AND DROPPING
5.1 STIRRING TIES FOR COLUMN AND WALL SHUTTERING: 15 DAYS.
7 DAYS IN HOT WEATHER.
4 DAYS IN COLD WEATHER.
7 DAYS IN COLD WEATHER.
5.2 PROPPING TIMES FOR: 14 DAYS IN HOT WEATHER
21 DAYS IN COLD WEATHER
CANTILEVER SLABS AND BEAMS: 21 DAYS
(SUBJECT TO CUBE TEST RESULTS BEING SUBMITTED TIMELY TO ENGINEER FOR APPROVAL)
NO DE-DROPPING OF SUSPENDED ELEMENTS UNTIL INSTRUCTED BY ENGINEER
6.3 CONCRETE FINISHES: UNLESS NOTED OTHERWISE
COLUMNS AND WALLS: OFF SHUTTER
BEAMS AND SLAB SOFFIT: OFF SHUTTER
TOP OF SUSPENDED SLABS: STEEL FLOAT
SURFACE BEDS: POWER FLOAT
SIDES OF GROUND BEAMS TO BE SHUTTERED

SCHEDULE OF AREAS

PROPOSED FIRST FLOOR OFFICES	410m ²
PROPOSED GRND FLOOR OFFICES	410m ²
PROPOSED FIRST FLR ABBLUTION	153m ²
PROPOSED GRND FLR ABBLUTION	153m ²
TOTAL	1126m ²
STAND	8665m ²
COVERAGE	7%
FAR	0.1m ²

SHEET TITLE:
PROPOSED NEW OFFICES, MALE & FEMALE STAND BY ABULATION FACILITIES
PROPERTY DESCRIPTION : 87 ERAND A.H.
CLIENT :
DATE: 31 OCTOBER 2024
OWNER'S SIGNATURE :

Project:
JW14468 - MALE & FEMALE STANDBY ABULATION FACILITIES AT MIDRAND DEPOT
Description:
ELEVATIONS, SECTION
Issued For:
TENDER
Size: A1
Scale: As Shown
Sheet No: 1 OF 8
Original Date: October 2024
Project No: JW14468
Drawing No: ARCH - 01
Revision: 0

Project:
JW14468 - MALE & FEMALE STANDBY ABULATION FACILITIES AT MIDRAND DEPOT
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