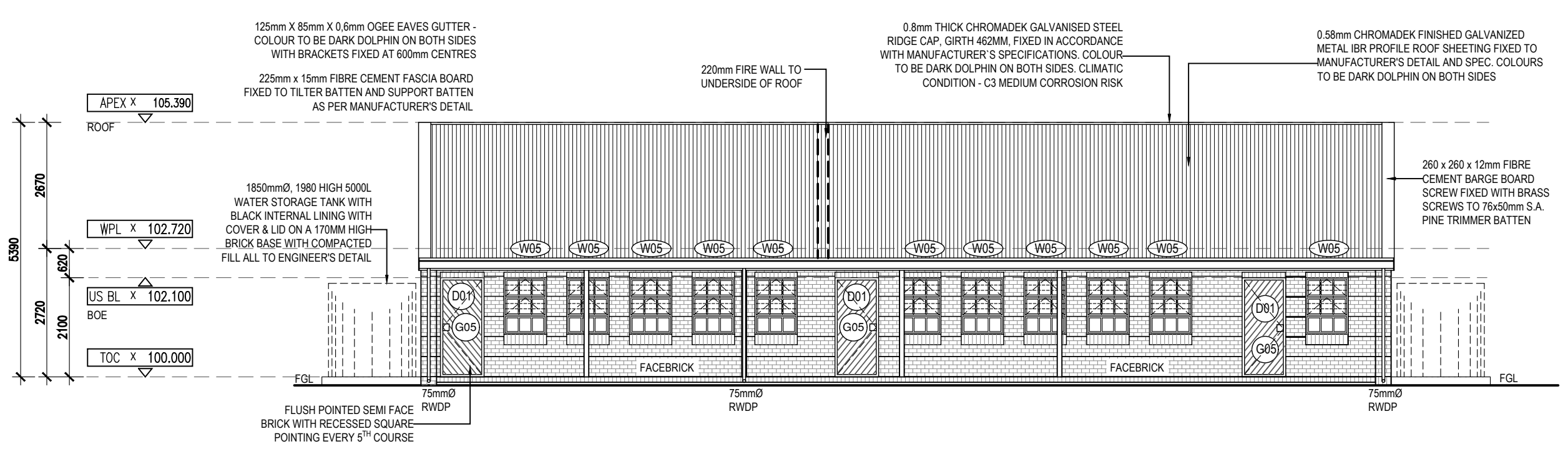
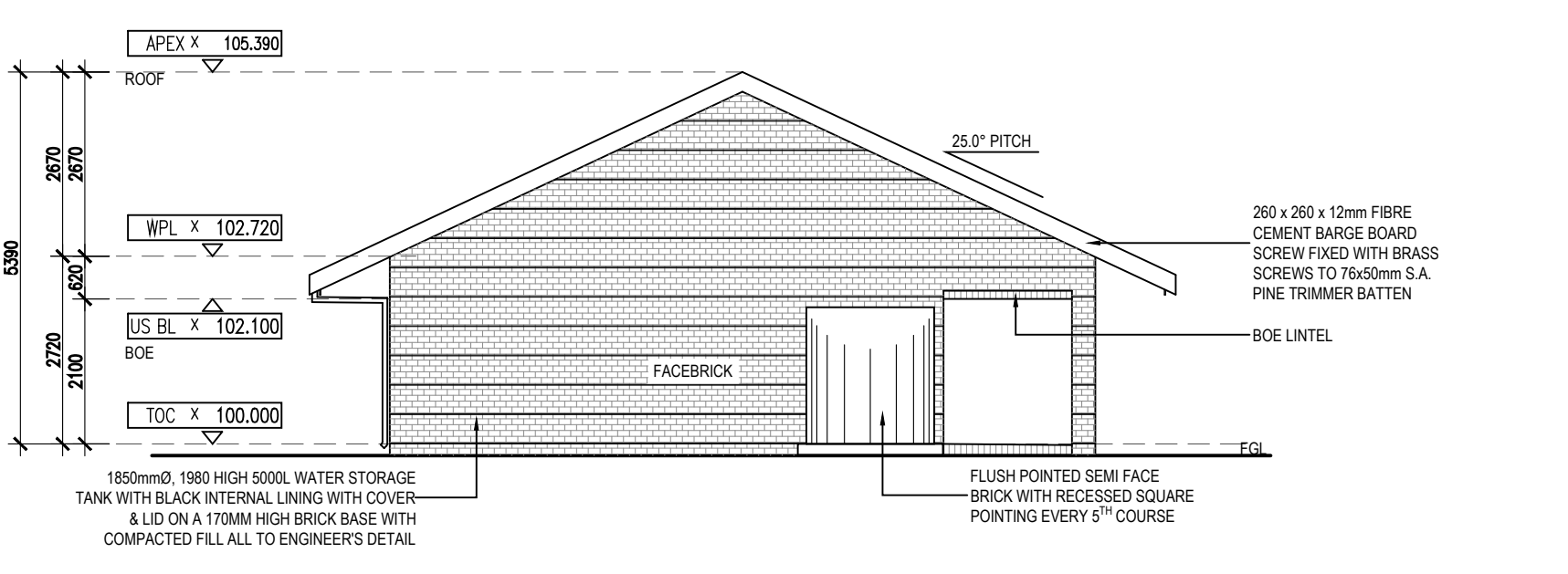


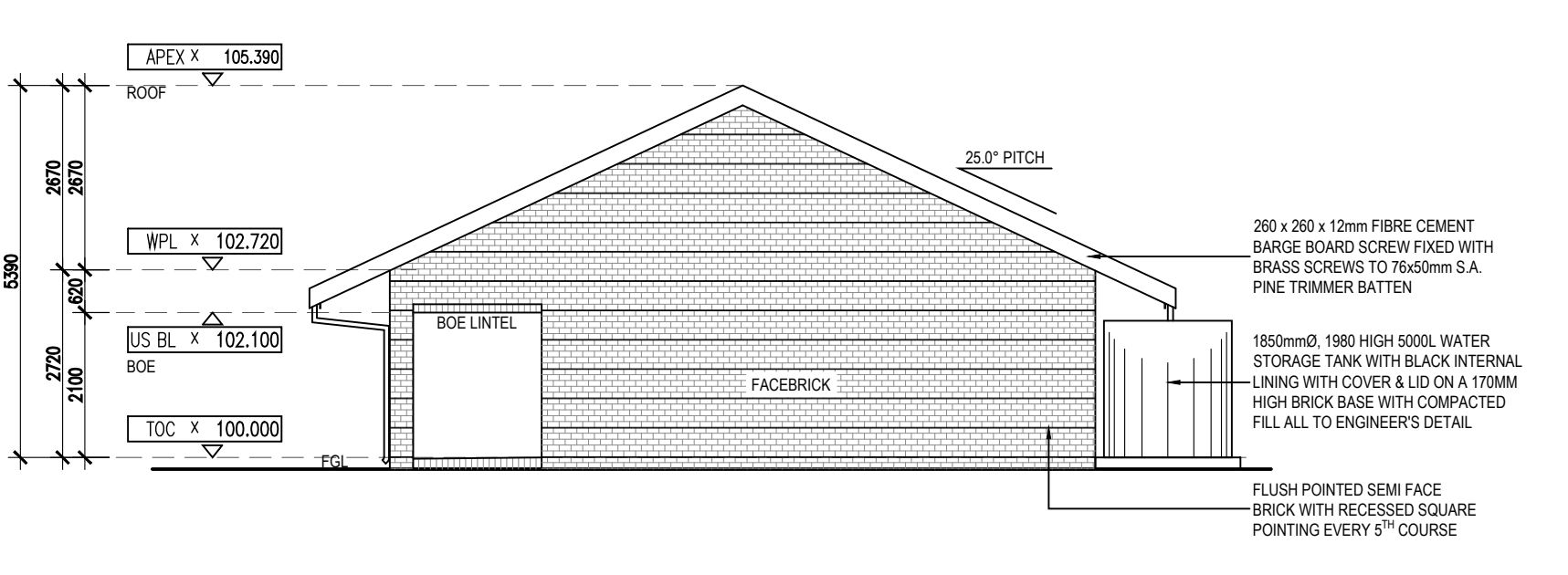
GROUND FLOOR PLAN
SCALE 1:100



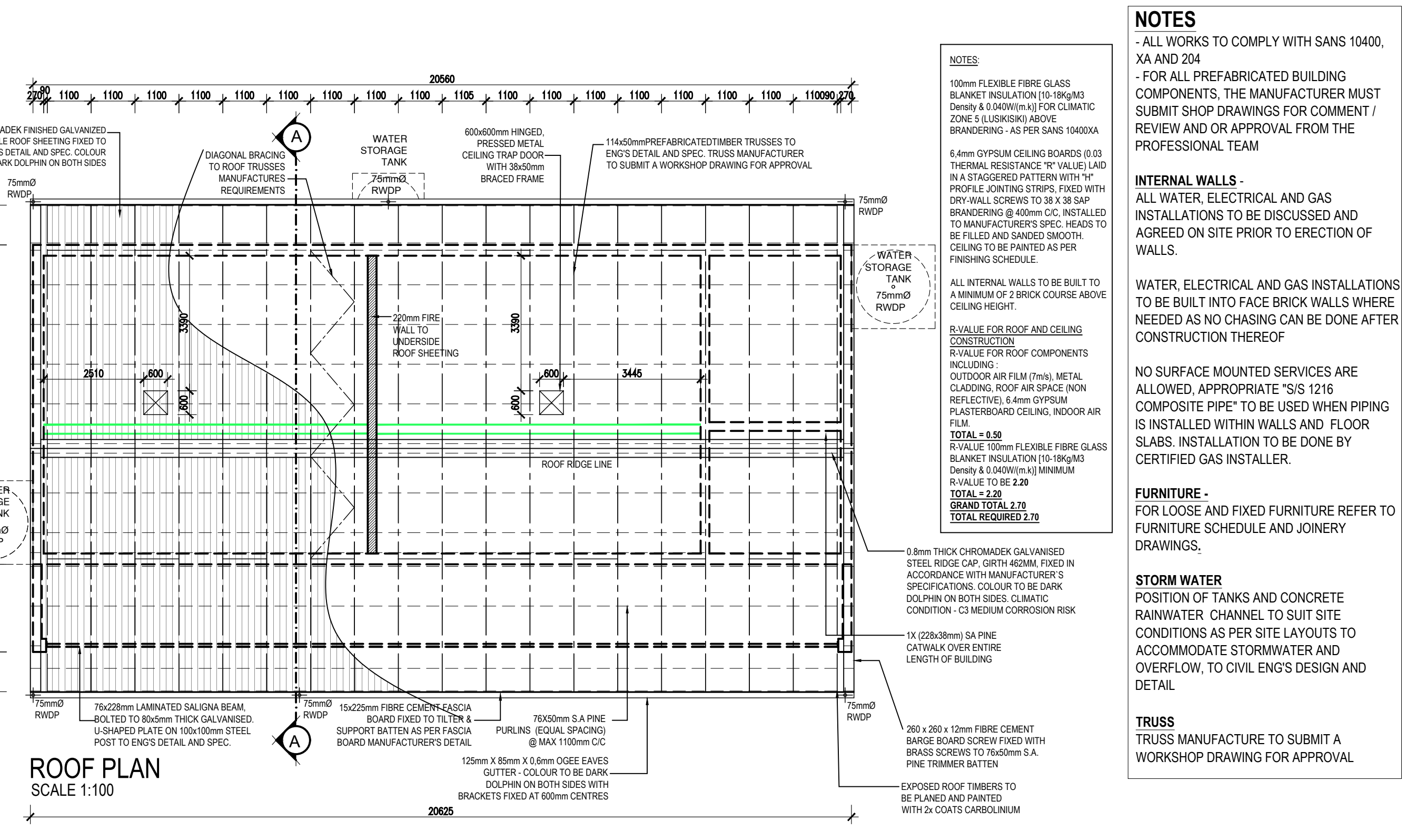
FRONT ELEVATION - 1
SCALE 1:100



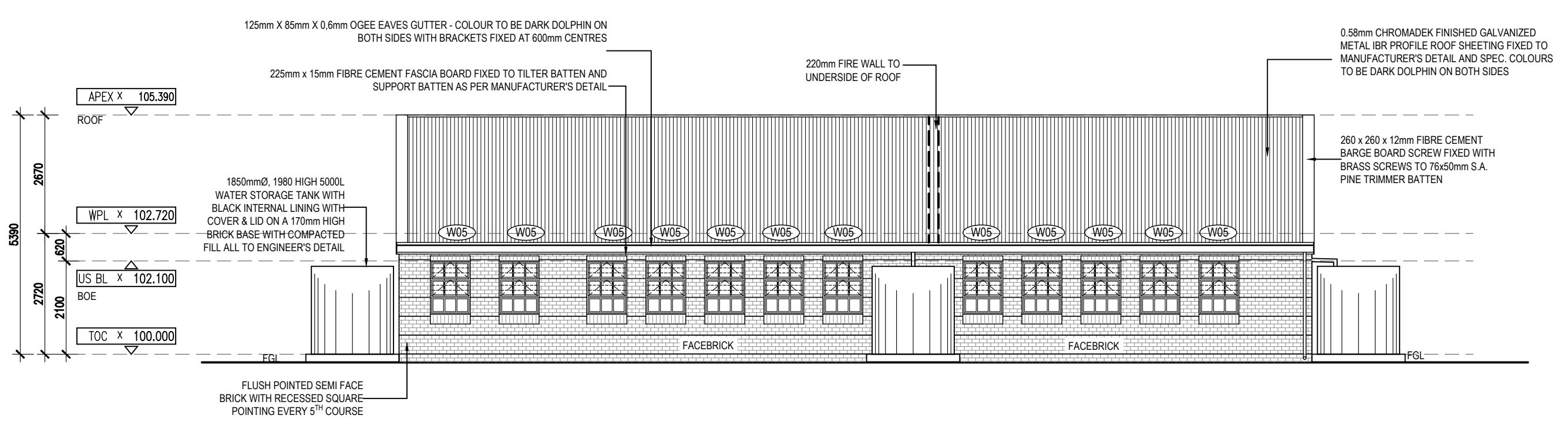
SIDE ELEVATION - 3
SCALE 1:100



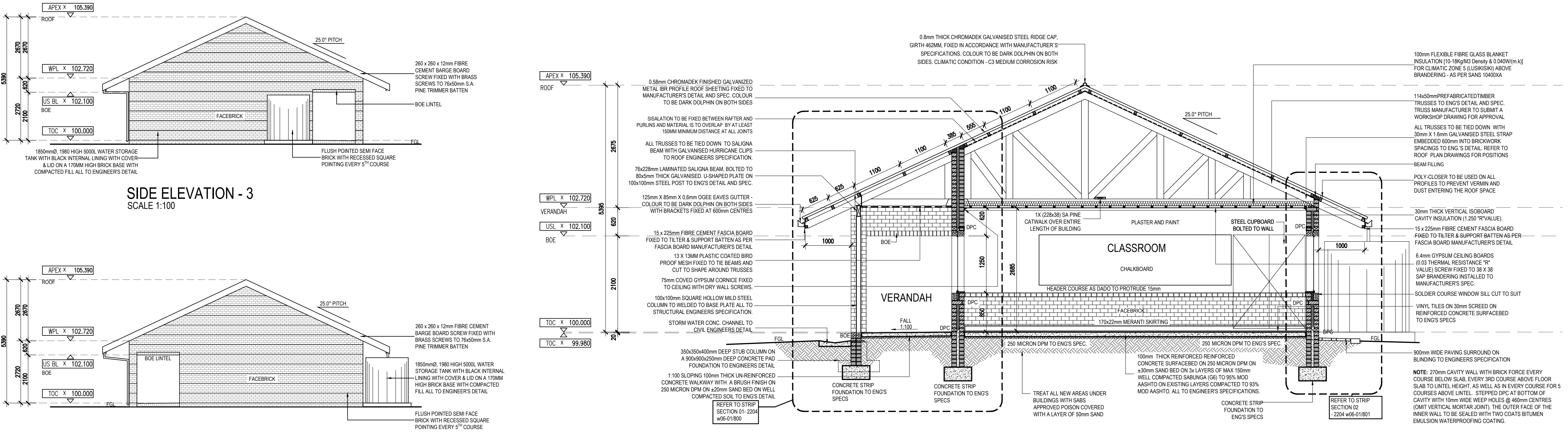
SIDE ELEVATION - 4
SCALE 1:100



ROOF PLAN
SCALE 1:100



BACK ELEVATION - 2
SCALE 1:100



SECTION A-A
SCALE 1:50

NOTES:

100mm FLEXIBLE FIBRE GLASS BLANKET INSULATION (10-18kg/m³ Density & 0.040W/(m.k)) FOR CLIMATIC ZONE 5 (LUSKISBUK) ABOVE BRANDING - AS PER SANS 10400XA

64mm GYPSUM CEILING BOARDS (0.03 THERMAL RESISTANCE "R" VALUE) Laid in a staggered pattern with "H" PROFILE JOINTING STRIPS, FIXED WITH DRY-WALL SCREWS TO 38 X 38 SAP BRANDING @ 400mm C/C. INSTALLED TO MANUFACTURERS SPEC. HEADS TO BE FILLED AND SANDED SMOOTH. CEILING TO BE PAINTED AS PER FINISHING SCHEDULE.

ALL INTERNAL WALLS TO BE BUILT TO A MINIMUM OF 2 BRICK COURSE ABOVE CEILING HEIGHT.

R-VALUE FOR ROOF AND CEILING CONSTRUCTION

VALUE FOR ROOF COMPONENTS INCLUDING:

OUTDOOR AIR FILM (7m/s), METAL CLADDING, ROOF AIR SPACE (NON REFLECTIVE), 64mm GYPSUM PLASTERBOARD CEILING, INDOOR AIR FILM

TOTAL = 6.50

R-VALUE 100mm FLEXIBLE FIBRE GLASS BLANKET INSULATION (10-18kg/m³ Density & 0.040W/(m.k)) MINIMUM R-VALUE TO BE 2.20

TOTAL = 2.20

GRAND TOTAL 2.70

TOTAL REQUIRED 2.70

0.8mm THICK CHROMADEK GALVANISED STEEL RIDGE CAP, GIRTH 462MM, FIXED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. COLOUR TO BE DARK DOLPHIN ON BOTH SIDES. CLIMATIC CONDITION - C3 MEDIUM CORROSION RISK

1X (226x38) SA PINE CATWALK OVER ENTIRE LENGTH OF BUILDING

260 x 260 x 12mm FIBRE CEMENT BARGE BOARD SCREW FIXED WITH BRASS SCREWS TO 76x50mm S.A. PINE TRIMMER BATTEN

EXPOSED ROOF TIMBERS TO BE PLANNED AND PAINTED WITH 2x COATS CARBOLINUM

NOTES

- ALL WORKS TO COMPLY WITH SANS 10400, XA AND 204

- FOR ALL PREFABRICATED BUILDING COMPONENTS, THE MANUFACTURER MUST SUBMIT SHOP DRAWINGS FOR COMMENT / REVIEW AND OR APPROVAL FROM THE PROFESSIONAL TEAM

INTERNAL WALLS

ALL WATER, ELECTRICAL AND GAS INSTALLATIONS TO BE DISCUSSED AND AGREED ON SITE PRIOR TO ERECTION OF WALLS.

WATER, ELECTRICAL AND GAS INSTALLATIONS TO BE BUILT INTO FACE BRICK WALLS WHERE NEEDED AS NO CHASING CAN BE DONE AFTER CONSTRUCTION THEREOF

NO SURFACE MOUNTED SERVICES ARE ALLOWED, APPROPRIATE 'S/S 1216 COMPOSITE PIPE' TO BE USED WHEN PIPING IS INSTALLED WITHIN WALLS AND FLOOR SLABS. INSTALLATION TO BE DONE BY CERTIFIED GAS INSTALLER.

FURNITURE

FOR LOOSE AND FIXED FURNITURE REFER TO FURNITURE SCHEDULE AND JOINERY DRAWINGS.

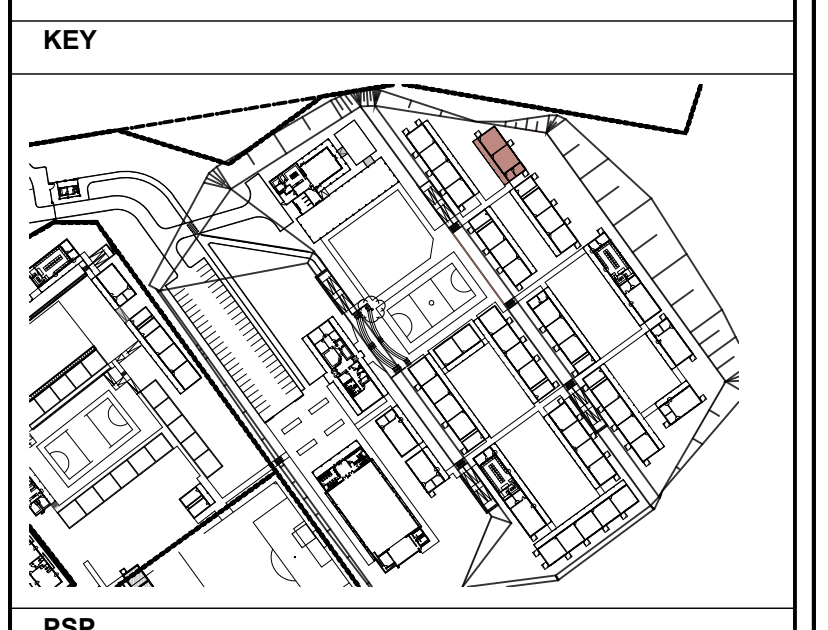
STORM WATER

POSITION OF TANKS AND CONCRETE RAINWATER CHANNEL TO SUIT SITE CONDITIONS AS PER SITE LAYOUTS TO ACCOMMODATE STORMWATER AND OVERFLOW, TO CIVIL ENG'S DESIGN AND DETAIL

TRUSS

TRUSS MANUFACTURE TO SUBMIT A WORKSHOP DRAWING FOR APPROVAL

ISSUED FOR APPROVAL





PSP

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ARCHITECTURAL PROFESSIONAL SACAP NUMBERS: H.L. MANTEL SACAP 3045			
IMPLEMENTED BY INDEPENDENT DEVELOPMENT TRUST			
SIGNATURE		DATE	SHEET SIZE A1
DESIGNED			SCALE 1:100
DRAWN	SG	02-02-2017	STATUS LEGEND I = INFORMATION FA = FOR APPROVAL T = TENDER C = CONSTRUCTION AB = AS BUILT
VERIFIED	-	-	
VALIDATED	-	-	
CLIENT		IMPLEMENTING AGENT	
 Province of the EASTERN CAPE EDUCATION		 idT INDEPENDENT DEVELOPMENT TRUST	
PROJECT DOE PORTFOLIO PROGRAMME ESTABLISHMENT OF NEW SCHOOLS HILLBROW - SENIOR SECONDARY SCHOOL PROVINCE: EASTERN CAPE PROVINCE			
DRAWING TITLE 2 CLASSROOMS + HOD (BLOCK S-R) PLANS SECTION AND ELEVATIONS			
DRAWING DESCRIPTION			
Standard Co-Ordinates:			
EMIS NUMBER 200500293	DISCIPLINE ARCH	DRAWING NUMBER 2204 w01-13/200	STATUS/REVISION FA AB