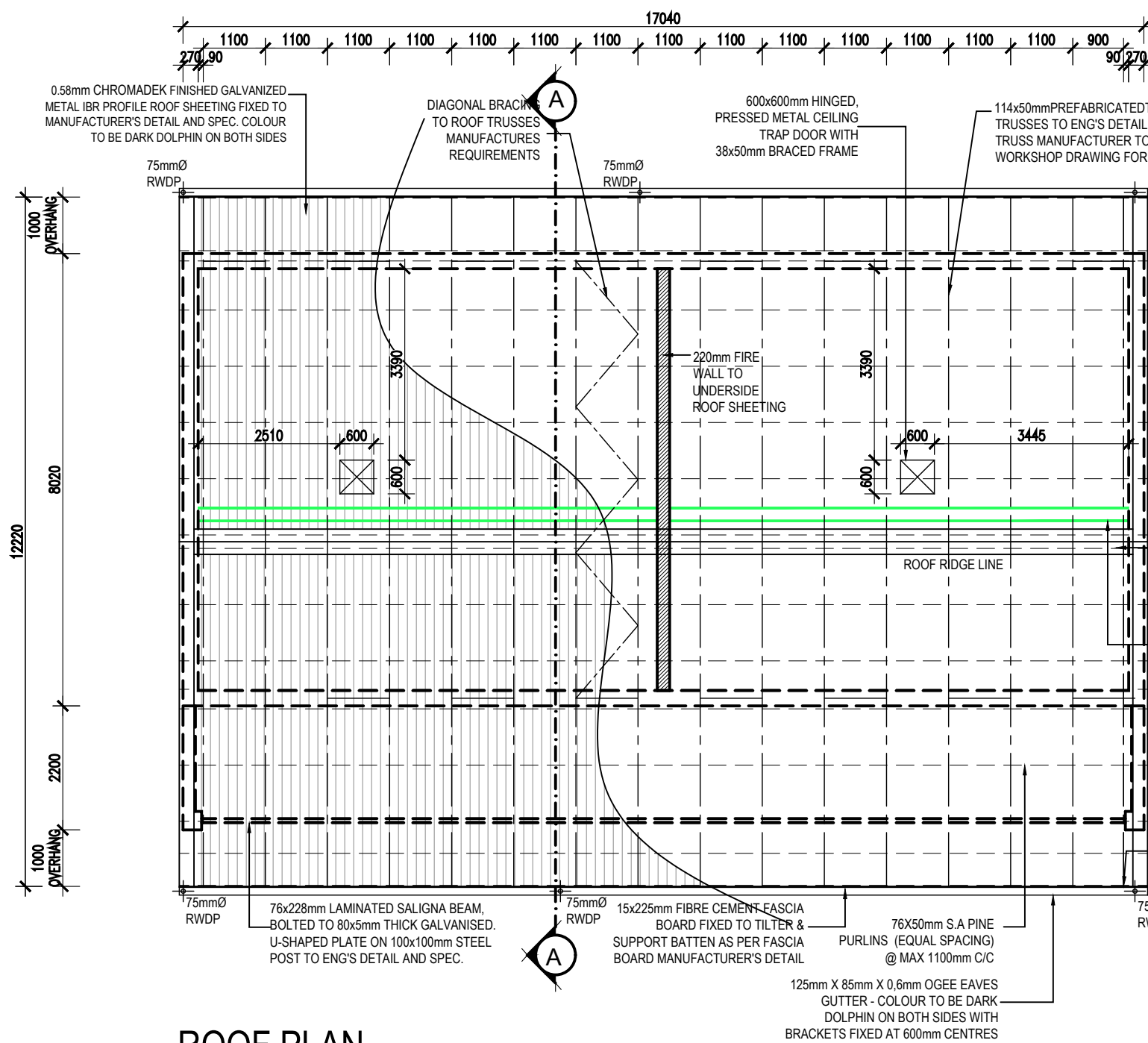


GROUND FLOOR PLAN  
SCALE 1:100



ROOF PLAN  
SCALE 1:100

**NOTES:**

100mm FLEXIBLE FIBRE GLASS BLANKET INSULATION (10-18kg/M³ Density & 0.040W/m.k) FOR CLIMATIC ZONE 5 (USING) AND ABOVE BRANDING - AS PER SANS 10400XA

6.4mm 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 MANUFACTURER'S 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

R-VALUE FOR ROOF COMPONENTS INCLUDING: OUTDOOR AIR FILM (7m/s), METAL CLADDING, ROOF AIR SPACE (NON REFLECTIVE), 6.4mm GYPSUM PLASTERBOARD CEILING, INDOOR AIR FILM.

TOTAL = 9.50

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 2.78

TOTAL REQUIRED 2.78

## NOTES

**INTERNAL WALLS -**  
SINCE SOME INTERNAL WALLS ARE FACE BRICK UP TO DADO LEVEL, 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.

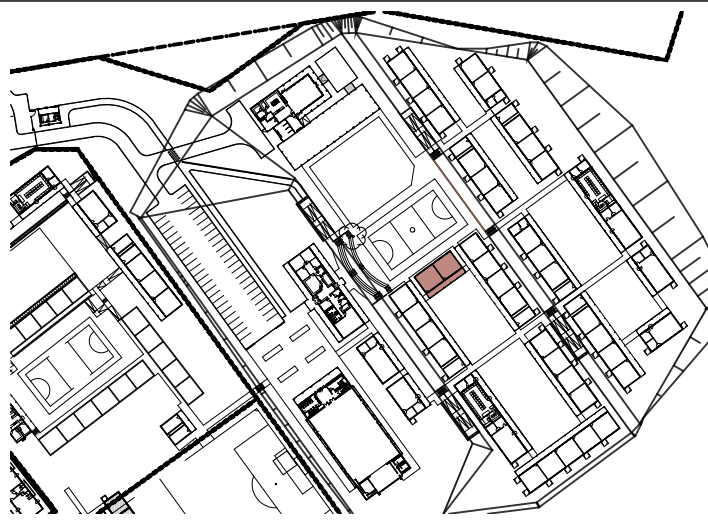
**FURNITURE -**  
FOR LOOSE AND FIXED FURNITURE REFER TO FURNITURE SCHEDULE AND JOINERY DRAWINGS.

**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

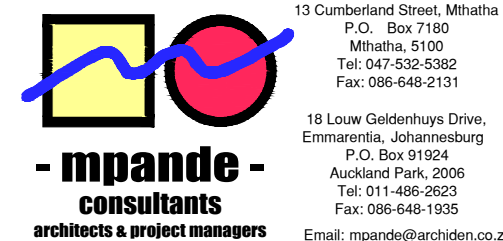
ISSUED FOR  
APPROVAL

## KEY



## PSP

## ARCHITECT



ARCHITECTURAL PROFESSIONAL SACAP NUMBERS:  
**H.L. MANTEL SACAP 3045**

## IMPLEMENTED BY

## INDEPENDENT DEVELOPMENT TRUST

SIGNATURE	DATE	SHEET NO.
DESIGNED		SCALE
DRAWN	SG	1:100
VERIFIED		STATUS
VALIDATED		1 = INFORMATION FA = FOR APPROVAL T = TENDER C = CONSTRUCTION AB = AS BUILT

## CLIENT



## IMPLEMENTING AGENT

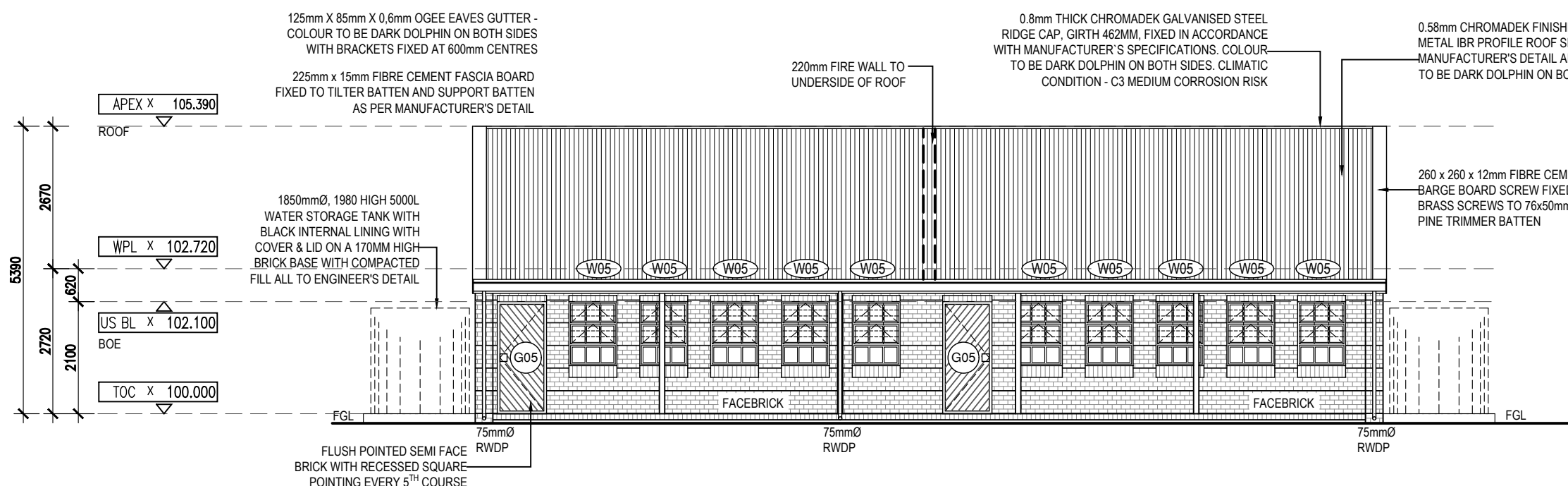


**PROJECT**  
DOE PORTFOLIO PROGRAMME  
ESTABLISHMENT OF NEW SCHOOLS  
**HILLBROW - SENIOR SECONDARY SCHOOL**  
PROVINCE: EASTERN CAPE PROVINCE

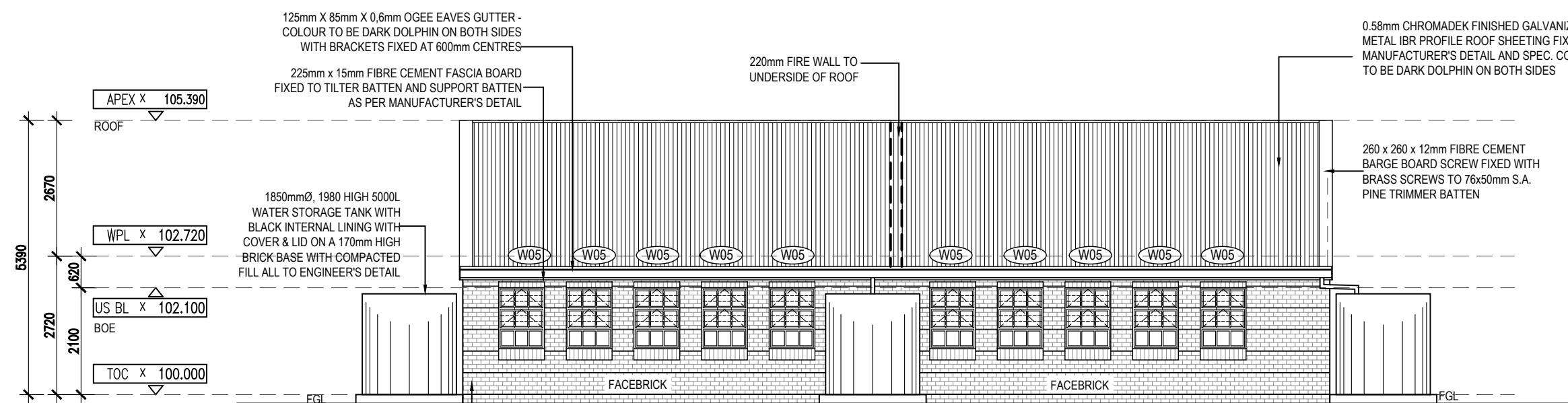
**DRAWING TITLE**  
2 CLASSROOMS (BLOCK S-AB)  
**FLOOR PLAN & ROOF PLAN**  
**SECTION AND ELEVATIONS**

**DRAWING DESCRIPTION**  
CL-2D

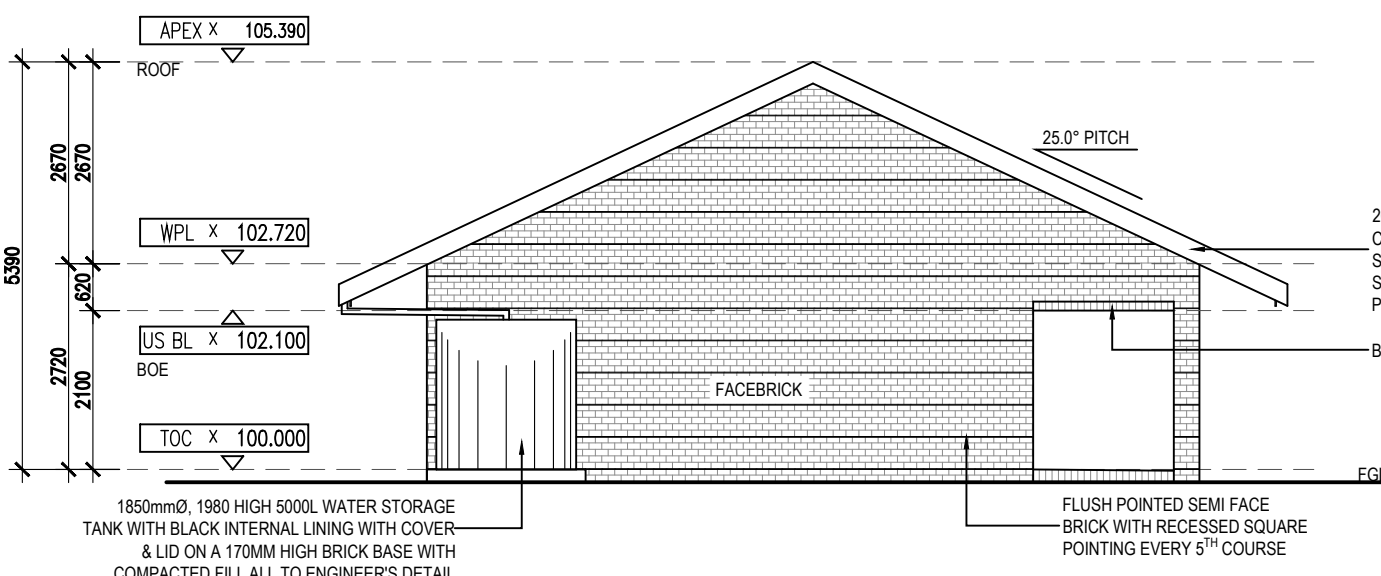
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200500293	ARCH	2204 w01-07/200	FA	AB



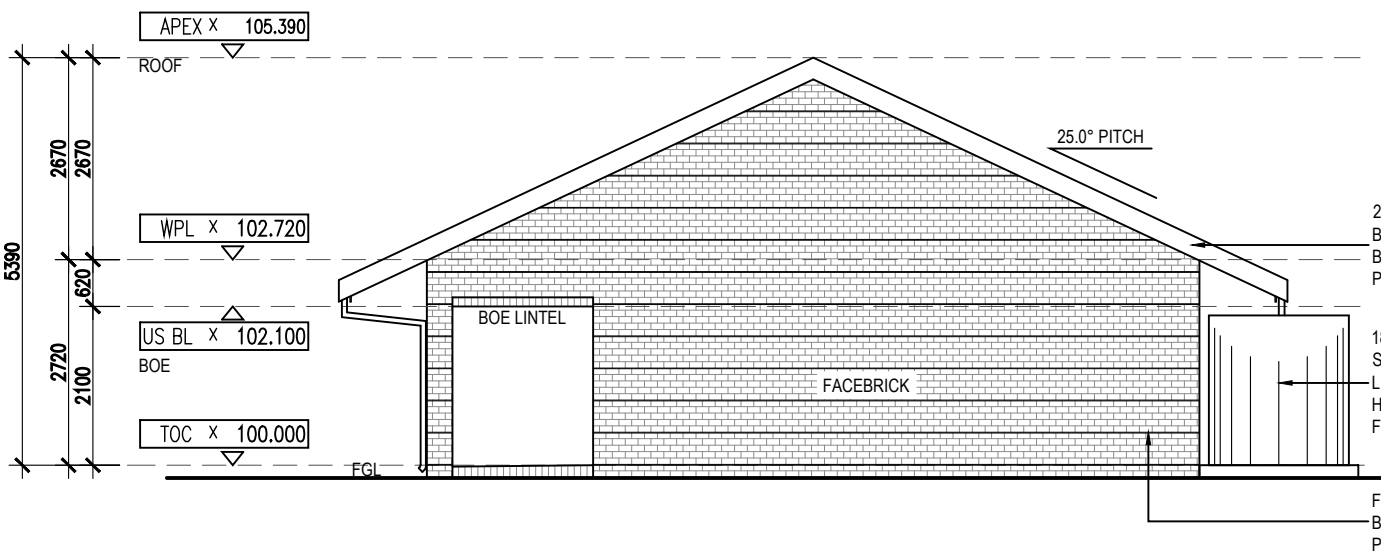
FRONT ELEVATION - 1  
SCALE 1:100



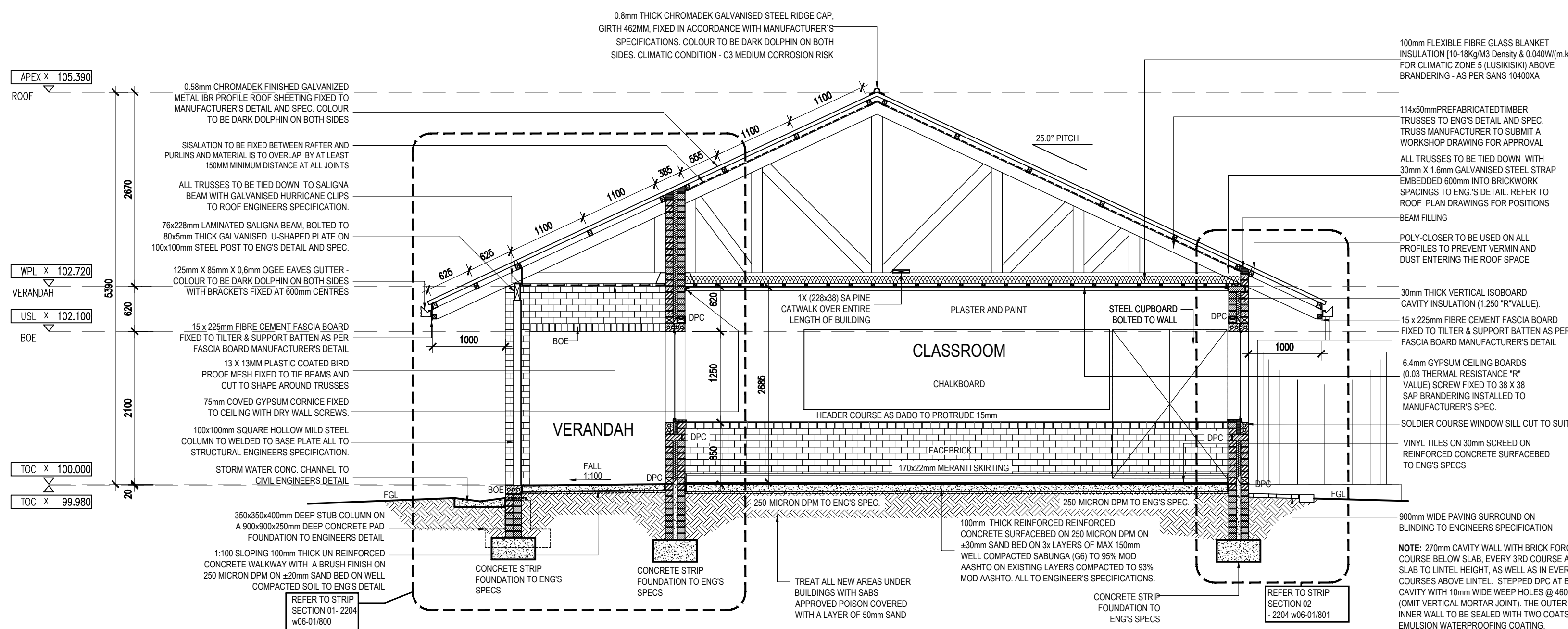
BACK ELEVATION - 2  
SCALE 1:100



SIDE ELEVATION - 3  
SCALE 1:100



SIDE ELEVATION - 4  
SCALE 1:100



SECTION A-A  
SCALE 1:50