

FLOOR PLAN
SCALE 1:100

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

NOTES:

100mm FLEXIBLE FIBRE GLASS BLANKET INSULATION [10-19kg/m3 Density & 0.040W/(m.k)] FOR CLIMATIC ZONE 5 (LUSKING) ABOVE BRANDING - AS PER SANS 15420/4.

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 = 0.50

R-VALUE 100mm FLEXIBLE FIBRE GLASS BLANKET INSULATION (10-19kg/m3 Density & 0.040W/(m.k)) MINIMUM

R-VALUE TO BE 2.20

TOTAL = 2.20

GRAND TOTAL 2.70

TOTAL REQUIRED 2.70

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

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

76x50mm S.A. PINE PURLINS (EQUAL SPACING) @ MAX 1100mm C/C

170mm REINFORCED CONCRETE SLAB TO STRUCTURAL ENGINEERS LAID TO US WALL PLATE OVER STRONG ROOM

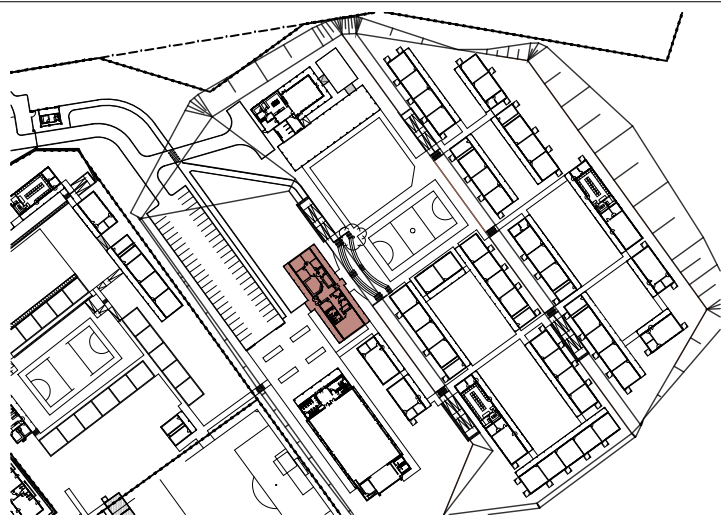
HORIZONTAL BRACING TO ROOF TRUSSES MANUFACTURES REQUIREMENTS

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

NO.	DATE	REVISION	DRAWN
A	2017-06-22	ISSUED FOR MEASURE	SG
B	2017-11-27	1. FIRE WALL SHOWN ON ROOF PLAN. 2. CHROMADEK ROOF SHEETING THICKNESS SIZE REVISED. 3. ROOF TRUSSES NOTE REVISED. 4. ISSUED FOR INFORMATION.	SG
C	2021-03-01	ISSUED FOR INFORMATION 1. ADDED PASTORAL ROOM, REDUCED AREA IN STAFF ROOM AND RECEPTION 2. ROOF CHANGED TO GABLE END 3. CHANGED ROOF PITCH TO 28° 4. CHANGED 330 x 330mm VERANDAH COLUMNS TO 100 x 100mm STEEL POSTS	DW MM
D	2022-07-08 2022-04-13	ISSUED FOR MEASURE ISSUED FOR INFORMATION DWG NO. CHANGED FROM 1617 TO 2204	DW
AA	2022-08-16	ISSUED FOR MEASURE. SEE REV D 1. LEVELS INDICATED USING 100.000 AS T.O.C.	DW

ISSUED FOR
APPROVAL

KEY



PSP

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IMPLEMENTED BY

**INDEPENDENT
DEVELOPMENT
TRUST**

SIGNATURE	DATE	SHEET NO. A1
DESIGNED		SCALE 1:100
DRAWN SG		STATUS LISTING I = INFORMATION FA = FOR APPROVAL T = TENDER C = CONSTRUCTION AB = AS BUILT
VERIFIED -	-	
VALIDATED -	-	

CLIENT



IMPLEMENTING AGENT



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

DRAWING TITLE
**ADMINISTRATION (LARGE)
ROOF PLAN
(BLOCK S-A)**

DRAWING DESCRIPTION
ADM1-W

Stand Co-Ordinates:

EMIS NUMBER	DISCIPLINE	DRAWING NUMBER	STATUS	REVISION
200500293	ARCH	2204 w02-01/202	FA	AA