

**NOTES:**

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

6.4mm GYPSUM CEILING BOARDS (0.03 THERMAL RESISTANCE "R" VALUE) LAD IN A STAGGERED PATTERN WITH 14" 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  
R-VALUE FOR ROOF COMPONENTS INCLUDING:  
OUTDOOR AIR FILM (7mm), METAL CLADDING, ROOF AIR SPACE (NON REFLECTIVE), 6.4mm GYPSUM PLASTERBOARD CEILING, INDOOR AIR FILM.  
TOTAL = 8.59  
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

**NOTES**

**INTERNAL WALLS -**  
ALL WATER AND ELECTRICAL 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.

**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


NO.	DATE	REVISION	DRAWN
A	2018-01-11	ISSUED FOR INFORMATION.	SG
B	2018-03-19	1. TOP OF CONCRETE LEVEL CHANGED 2. ISSUED FOR INFORMATION.	SG
C	2018-03-26	1. DRAWING UPDATED 2. ISSUED FOR INFORMATION.	SG
D	2018-04-26	1. DETAIL 1 ADDED TO LAYOUT 2. ISSUED FOR INFORMATION.	SG
E	2021-03-01	ISSUED FOR INFORMATION 1. MS COLUMN POSITION AND DETAIL UPDATED 2. VARIOUS AND GENERAL NOTE UPDATES 3. ADDED RC CONCRETE BEAM 4. ROOF PLAN ADDED TO AMENDED PAGE LAYOUT 5. HIGH SCHOOL AND PRIMARY SCHOOL ENTRANCES SEPARATED	DW MM
F	2022-04-13	ISSUED FOR INFORMATION (EFMS) 1. DWG NO. CHANGED FROM 1617 TO 2204	DW
AA	2022-08-05	ISSUED FOR MEASURE 1. DRAWING REVERTED TO PREVIOUS DESIGN 2. SPECIFICATIONS UPDATED	DW
AB	2022-08-19	1. MINOR DRAFTING CORRECTIONS	DW

ISSUED FOR APPROVAL

KEY

PSP

ARCHITECT



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**H.L. MANTEL SACAP 3045**

IMPLEMENTED BY

**INDEPENDENT DEVELOPMENT TRUST**

SIGNATURE	DATE	SHEET NO.
-	-	<b>A1</b>
DESIGNED	-	SCALE
-	-	<b>1:100</b>
DRAWN	07/10/2017	STATUS LISTING
SG	-	I = INFORMATION FM = FOR MEASURE T = TENDER C = CONSTRUCTION AB = AS BUILT
VERIFIED	-	-
VALUED	-	-

CLIENT	IMPLEMENTING AGENT
 <p>Province of the <b>EASTERN CAPE</b> EDUCATION</p>	 <p><b>idt</b> INDEPENDENT DEVELOPMENT TRUST</p>

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

DRAWING TITLE  
**SECURITY GUARD HOUSE PLANS (BLOCK S-AA)**

DRAWING DESCRIPTION

Stand Co-Ordinates:			
EMIS NUMBER	DISCIPLINE	DRAWING NUMBER	STATUS REVISION
200500293	ARCH	2204 w03 03/200	FA AB