

NOTES:

100mm FLEXIBLE FIBRE GLASS BLANKET INSULATION (10-18kg/m³ Density & 0.040W/m.K) FOR CLIMATIC ZONE 3 (LUSKING) ABOVE BRANDING - AS PER SANS 10400A.

6.4mm GYPSUM CEILING BOARDS (0.03 THERMAL RESISTANCE "R" VALUE) LAD IN A STAGGERED PATTERN WITH "H" PROFILE JOINTING STRIPS, FIXED WITH DRY-WALL SCREWS TO 38 X 38 S&P 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 (R_{ext}), METAL CLADDING, ROOF AIR SPACE (NON REFLECTIVE), 6.4mm GYPSUM PLASTERBOARD CEILING, INDOOR AIR FILM.

TOTAL = 0.50

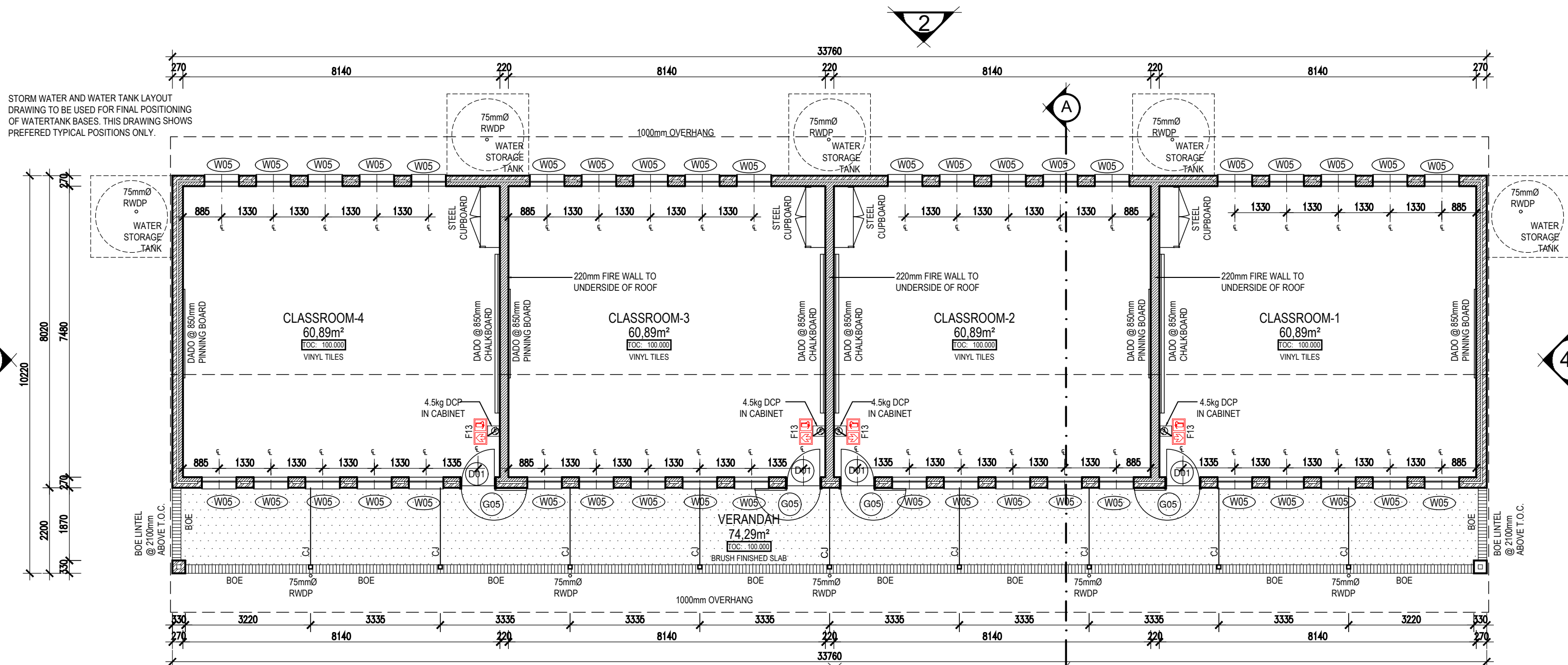
R-VALUE 100mm FLEXIBLE FIBRE GLASS BLANKET INSULATION (10-18kg/m³ Density & 0.040W/m.K) MINIMUM R-VALUE TO BE 2.20

TOTAL = 2.20

GRAND TOTAL 2.70

TOTAL REQUIRED 2.70

ROOF PLAN
SCALE 1:100



GROUND 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.

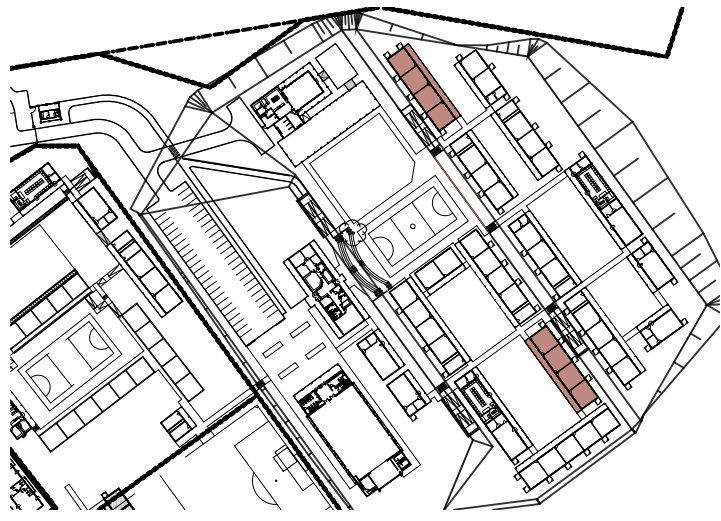
FURNITURE -
FOR LOOSE AND FIXED FURNITURE REFER TO FURNITURE SCHEDULE AND JOINERY DRAWINGS.

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

ISSUED FOR
APPROVAL

KEY



PSP

ARCHITECT

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IMPLEMENTED BY

**INDEPENDENT
DEVELOPMENT
TRUST**

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

CLIENT	IMPLEMENTING AGENT
Province of the EASTERN CAPE EDUCATION	idt

PROJECT
DOE PORTFOLIO PROGRAMME
ESTABLISHMENT OF NEW SCHOOLS
HILLBROW - SENIOR SECONDARY SCHOOL
PROVINCE: EASTERN CAPE PROVINCE
DRAWING TITLE
4 CLASSROOMS (BLOCKS S-K,S-P,S-Q)
FLOOR PLAN & ROOF PLAN

DRAWING DESCRIPTION
CL-4D

Drawn Co-Ordinate:	DISCIPLINE	DRAWING NUMBER	STATUS	REVISION
200500293	ARCH	2204 w01-01/200	FA	AA