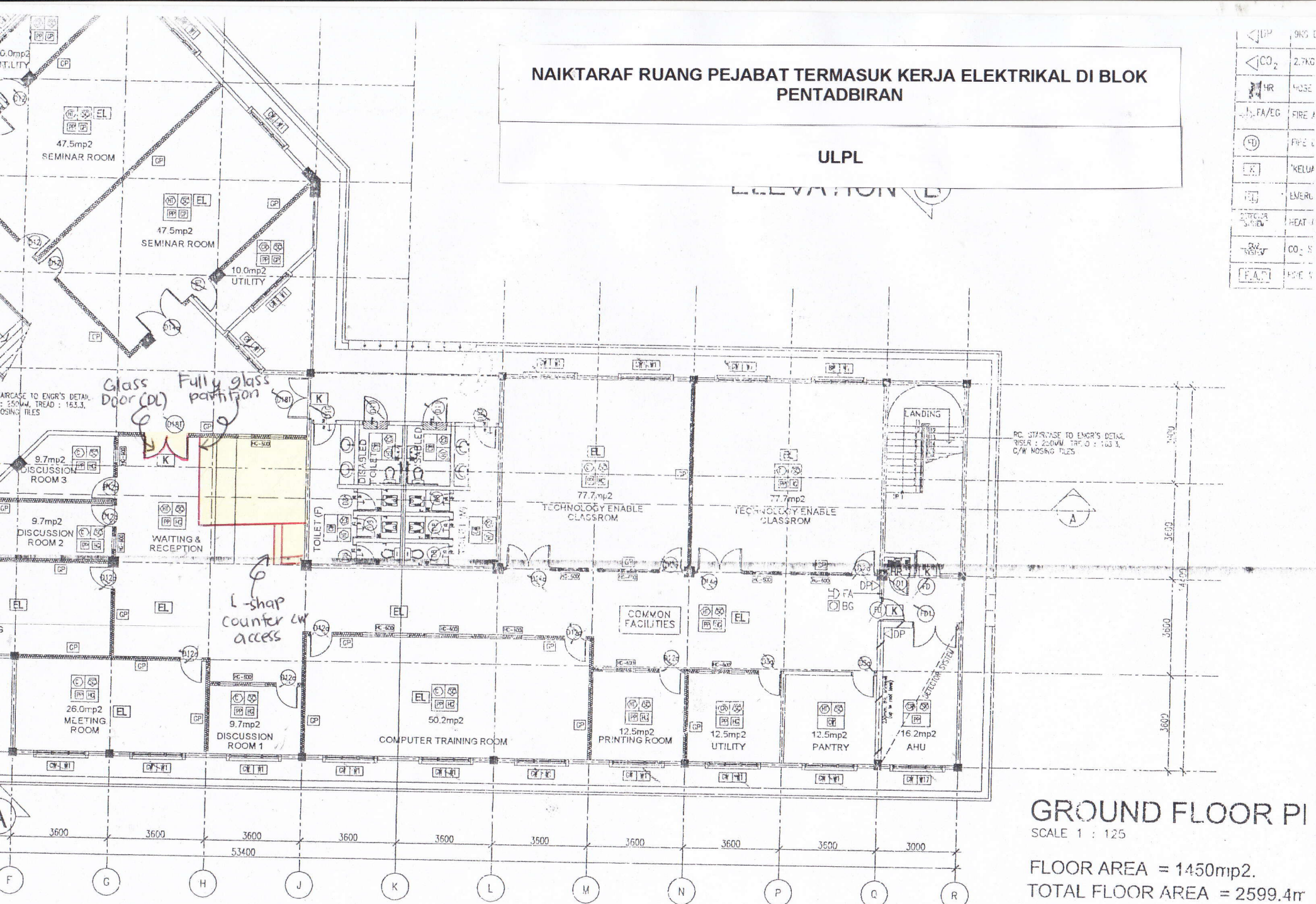


NAIKTARAF RUANG PEJABAT TERMASUK KERJA ELEKTRIKAL DI BLOK
PENTADBIRAN

ULPL

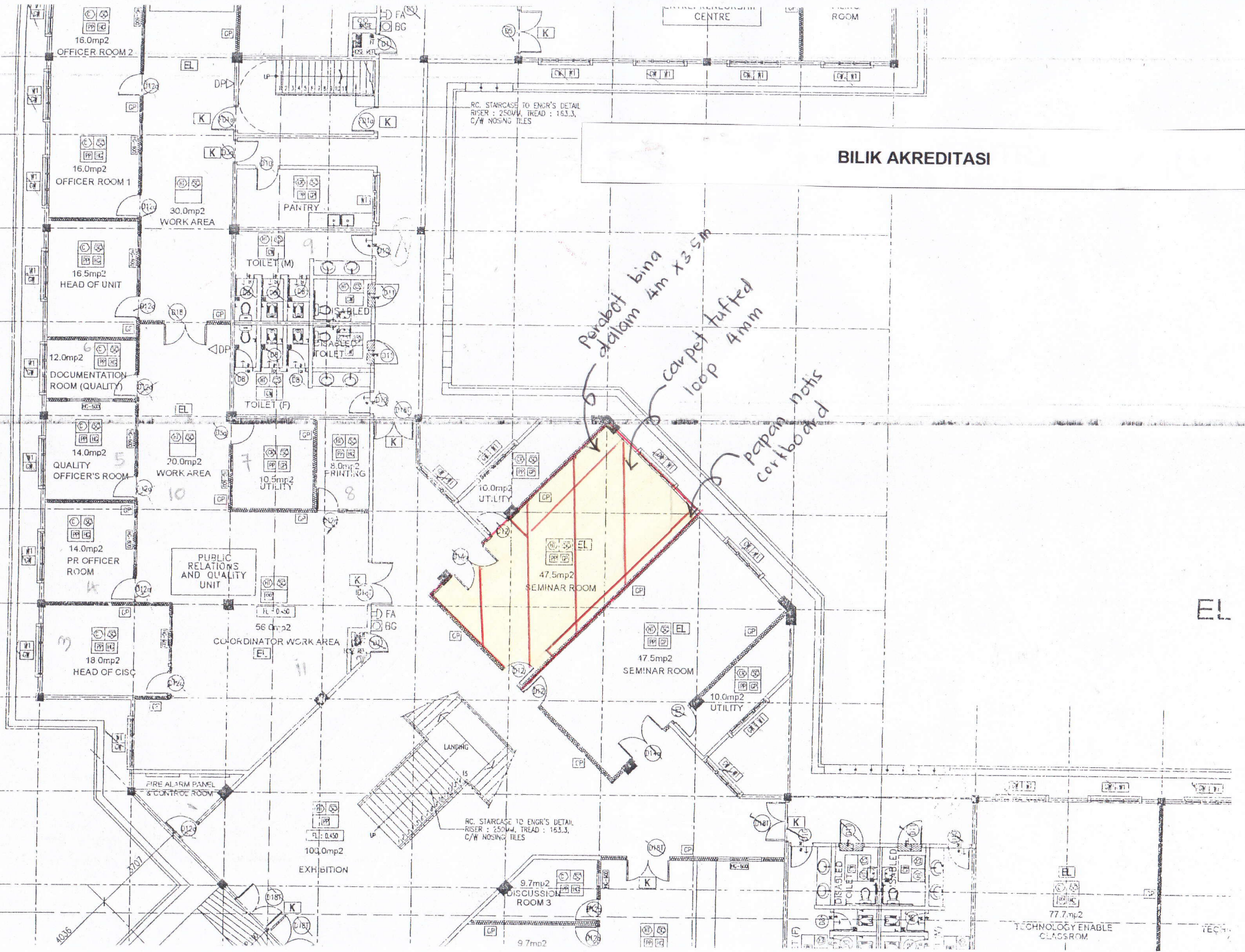
ELEVATION

ULPL	915 L
CO ₂	2.7KG
HR	40SE
FA/EG	FIRE A
FD	FIRE L
K	'KELUA
EMER	EMERG
HEAT	HEAT
CO ₂	CO ₂ S
FA/EG	FIRE S



GROUND FLOOR PI
SCALE 1 : 125

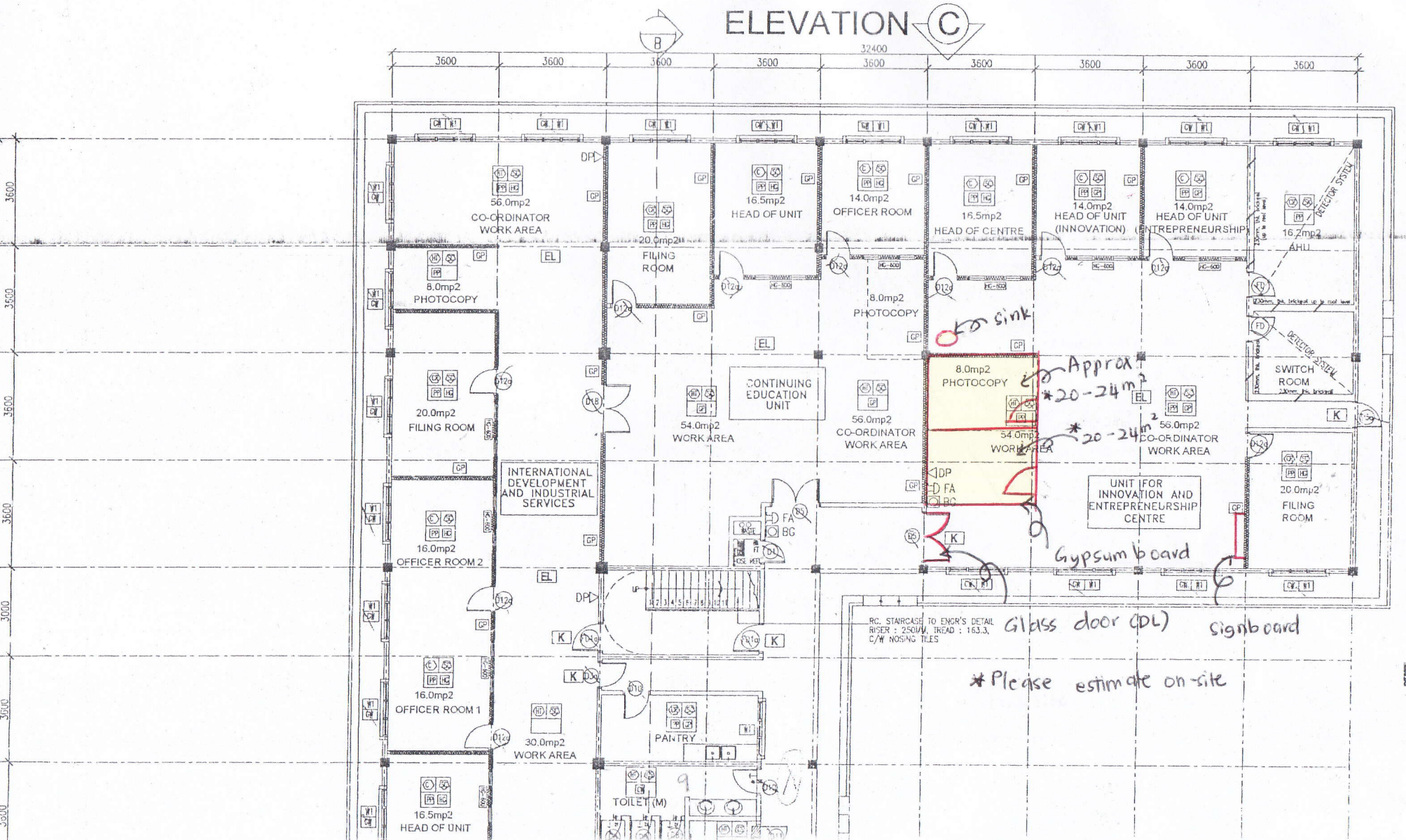
FLOOR AREA = 1450mp2.
TOTAL FLOOR AREA = 2599.4rr



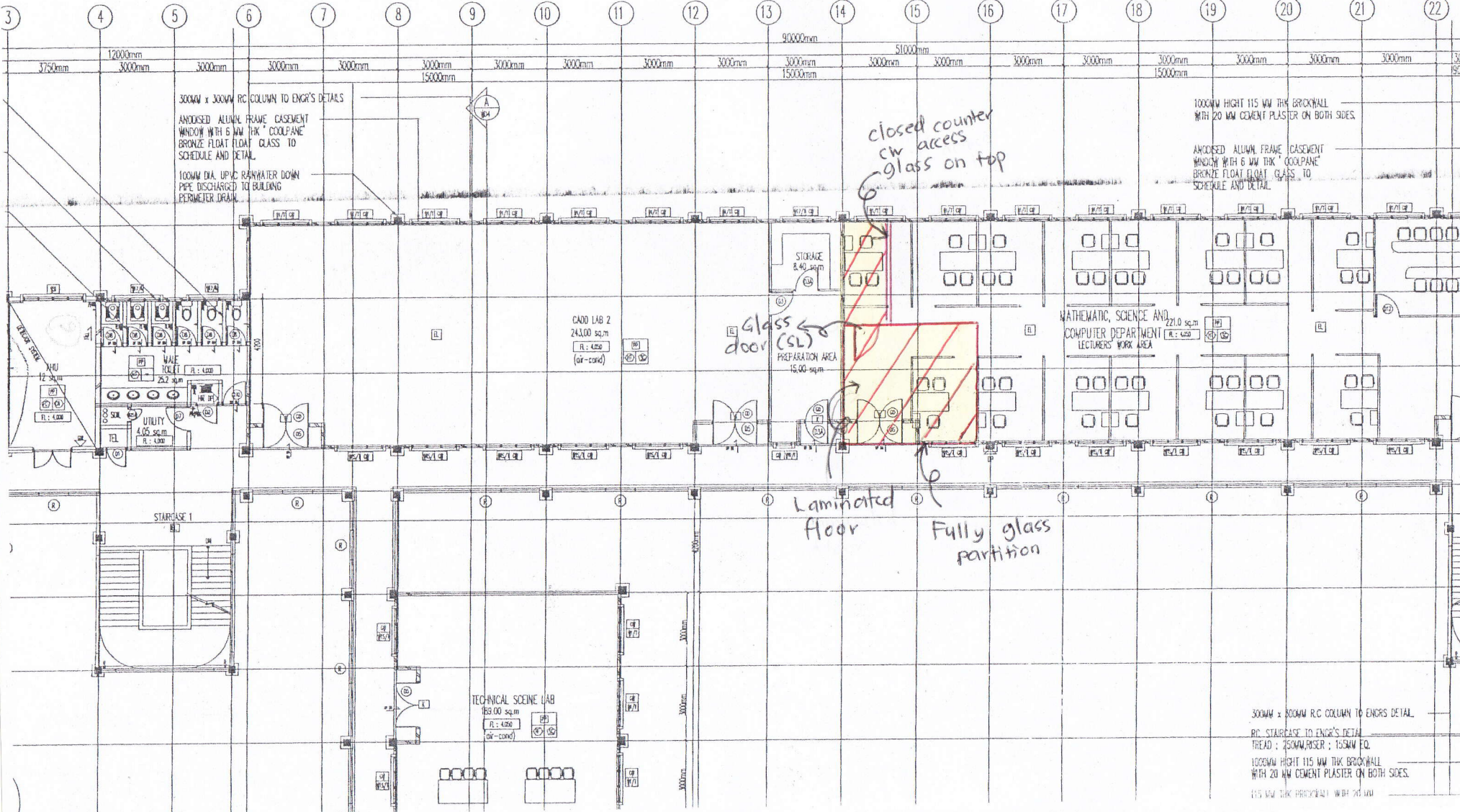
NAIKTARAF RUANG PEJABAT TERMASUK KERJA ELEKTRIKAL DI BLOK
PENTADBIRAN

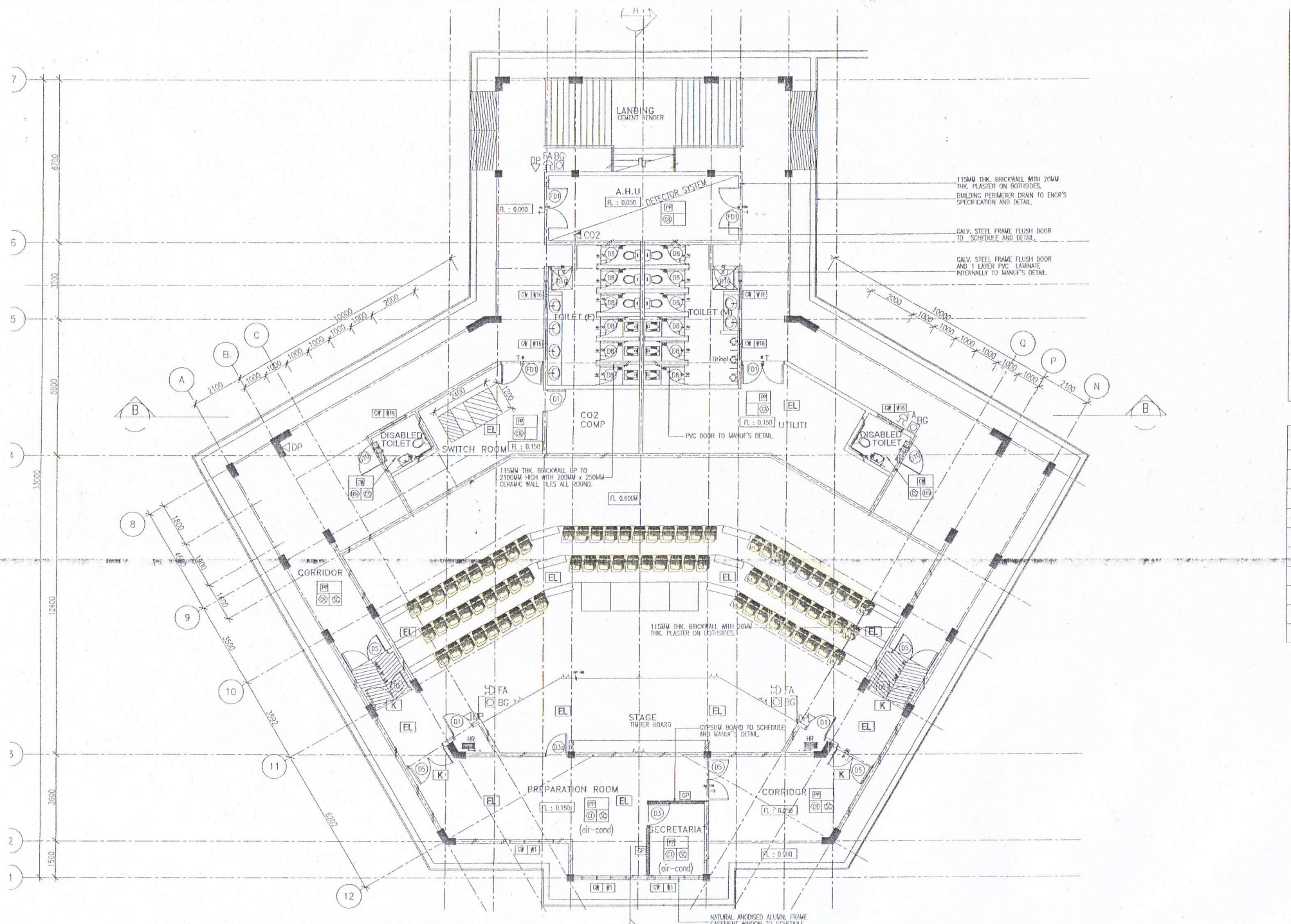
PUSAT PENYELIDIKAN DAN INOVASI

ELEVATION C



**NAIKTARAF RUANG PEJABAT JABATAN MATEMATIK, SAINS
KEJURUTERAAN**

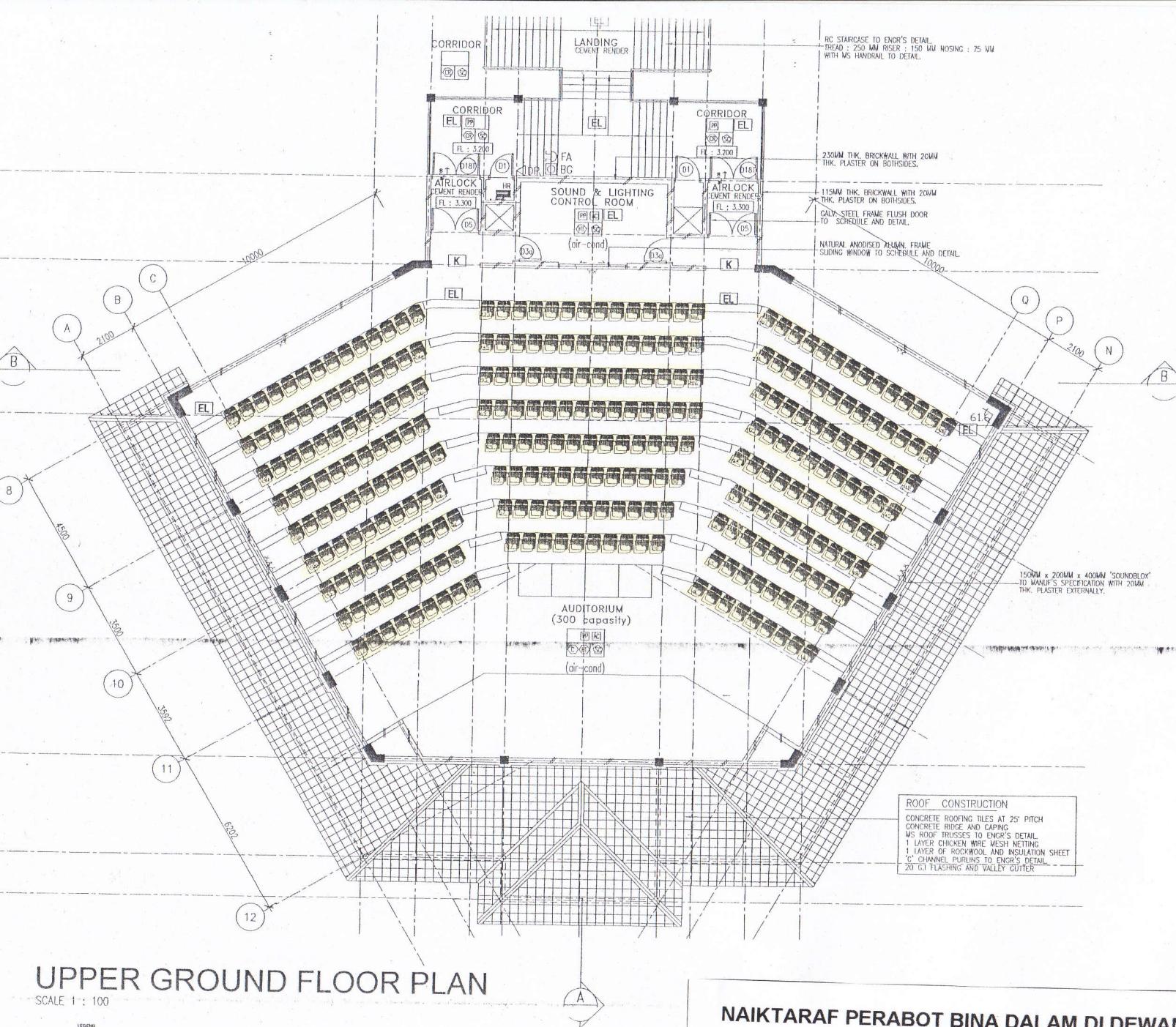




LOWER GROUND FLOOR PLAN
SCALE 1 : 100

**NAIKTARAF PERABOT BINA DALAM DI DEWAN KULIAH UTAMA D
DEWAN KULIAH**

12000



RC STAIRCASE TO ENGR'S DETAIL
TREAD : 250 MM RISER : 150 MM NOSING : 75 MM
WITH MS HANDRAIL TO DETAIL.

230MM THK. BRICKWALL WITH 20MM
THK. PLASTER ON BOTH SIDES.

115MM THK. BRICKWALL WITH 20MM
THK. PLASTER ON BOTH SIDES.
GALV-STEEL FRAME FLUSH DOOR
TO SCHEDULE AND DETAIL.

NATURAL ANODISED ALUMINUM FRAME
SLIDING WINDOW TO SCHEDULE AND DETAIL.

150MM x 200MM x 400MM 'SOUNDBOLOY'
TO MANUF'S SPECIFICATION WITH 20MM
THK. PLASTER EXTERNALLY.

ROOF CONSTRUCTION
CONCRETE ROOFING TILES AT 25° PITCH
CONCRETE RIDGE AND CAPPING
MS ROOF TRUSSES TO ENGR'S DETAIL.
1 LAYER CHICKEN WIRE MESH NETTING
1 LAYER OF ROCKWOOL AND INSULATION SHEET
"C" CHANNEL PURLINS TO ENGR'S DETAIL.
20° G.I FLASHING AND VALLEY GUTTER

- CT - CERAMIC FLOOR TILES
 - CTN - NON SLIP CERAMIC FLOOR TILES
 - VT - VINYL TILES
 - TF - TIMBER FLOORING
 - RF - RAISED FLOOR
 - C - HEAVY DUTY CARPET
-
- CEILING
 - CS - NON ASBESTOS SUSPENDED CEILING
 - CF - NON - ASBESTOS FIXED CERAMIC
 - AC - ACOUSTIC CEILING PANEL
 - PL - PLASTER CEILING
 - TS - TIMBER STRIP
 - VC - NON - ASBESTOS FIXED VENTILATED CEILING

BOMBA REQUIREMENT LEGEND

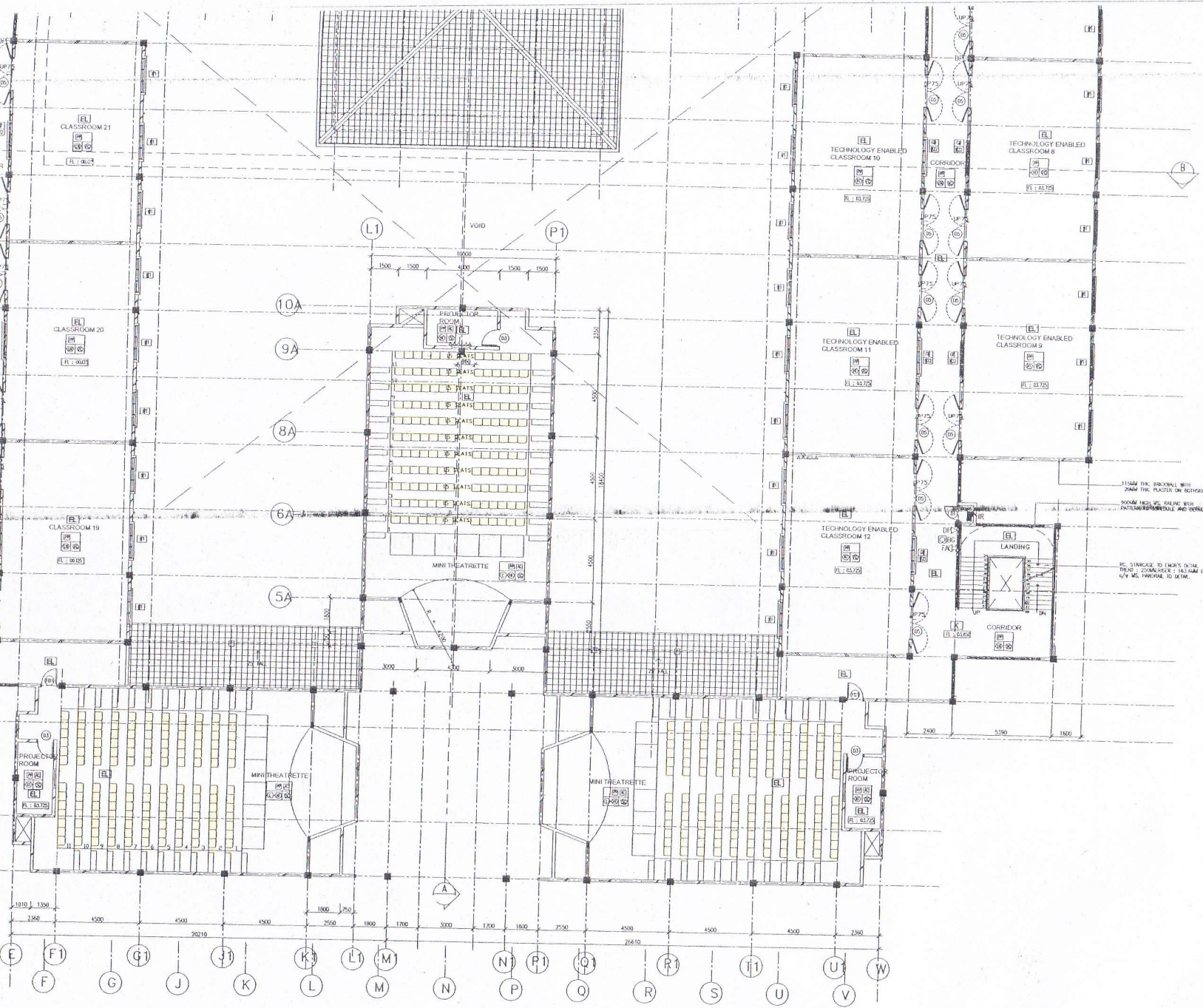
◁JDP	9KG DP/ABC (DRY POWDER) FIRE EX
◁CO ₂	2.7KG CO ₂ FIRE EXTINGUISHER
HR	HOSE REEL
⊕FA/BG	FIRE ALARM & MANUAL BREAK GLASS
FD	FIRE DOOR TO JPM APPROVAL
K	'KELUAR' SIGN
EL	EMERGENCY LIGHT
DETECTOR SYSTEM	HEAT AND SMOKE DETECTOR SYSTEM
CO ₂ SYSTEM	CO ₂ SYSTEM
F.A.P	FIRE ALARM PANEL

UPPER GROUND FLOOR PLAN

SCALE 1 : 100

- LEGEND**
- ⊕ MISC POINT
 - ⊕ AV POINT
 - ⊕ POWER POINT

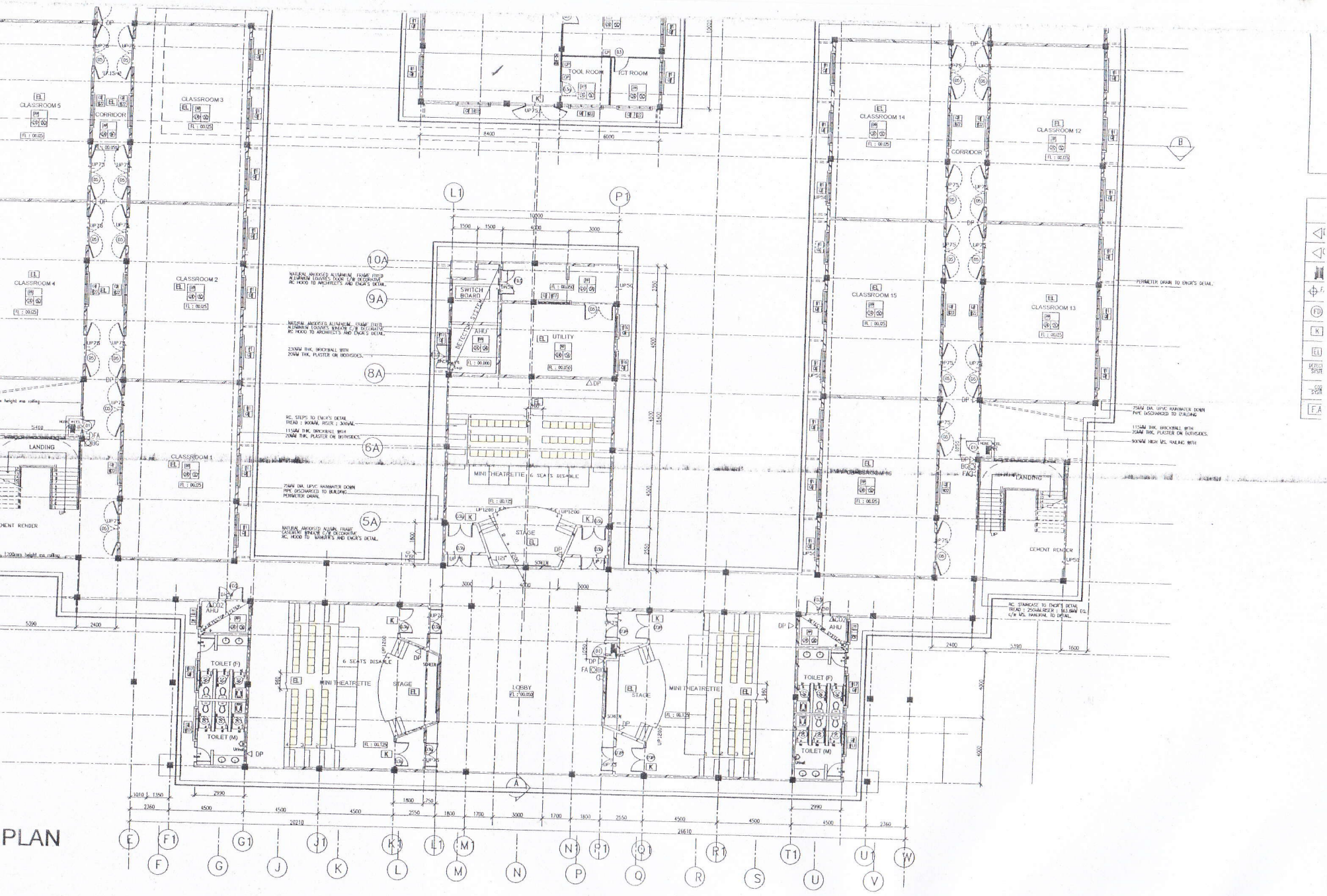
NAIKTARAF PERABOT BINA DALAM DI DEWAN KULIAH UTAMA DAN MINI DEWAN KULIAH



- SC - NON ASBESTOS SUSPENDED CEILING
- FC - NON - ASBESTOS FIXED CEILING
- AC - ACOUSTIC CEILING
- PC - PLASTER CEILING
- TC - TIMBER STRIP
- VC - NON - ASBESTOS FIXED VENTILATED CEILING

BOMBA REQUIREMENT LEGEND	
	8KG D/ABC (DRY POWDER) FIRE EXTING.
	2.7KG CO ₂ FIRE EXTINGUISHER
	HOSE REEL
	FIRE ALARM & MANUAL BREAK GLASS
	FIRE DOOR TO JPEM APPROVAL
	'KELUAR' SIGN
	EMERGENCY LIGHT
	HEAT AND SMOKE DETECTOR SYSTEM
	CO ₂ SYSTEM
	FIRE ALARM PANEL

NAIKTARAF PERABOT BINA DALAM DI DEWAN KULIAH UTAMA DAN MINI DEWAN KULIAH

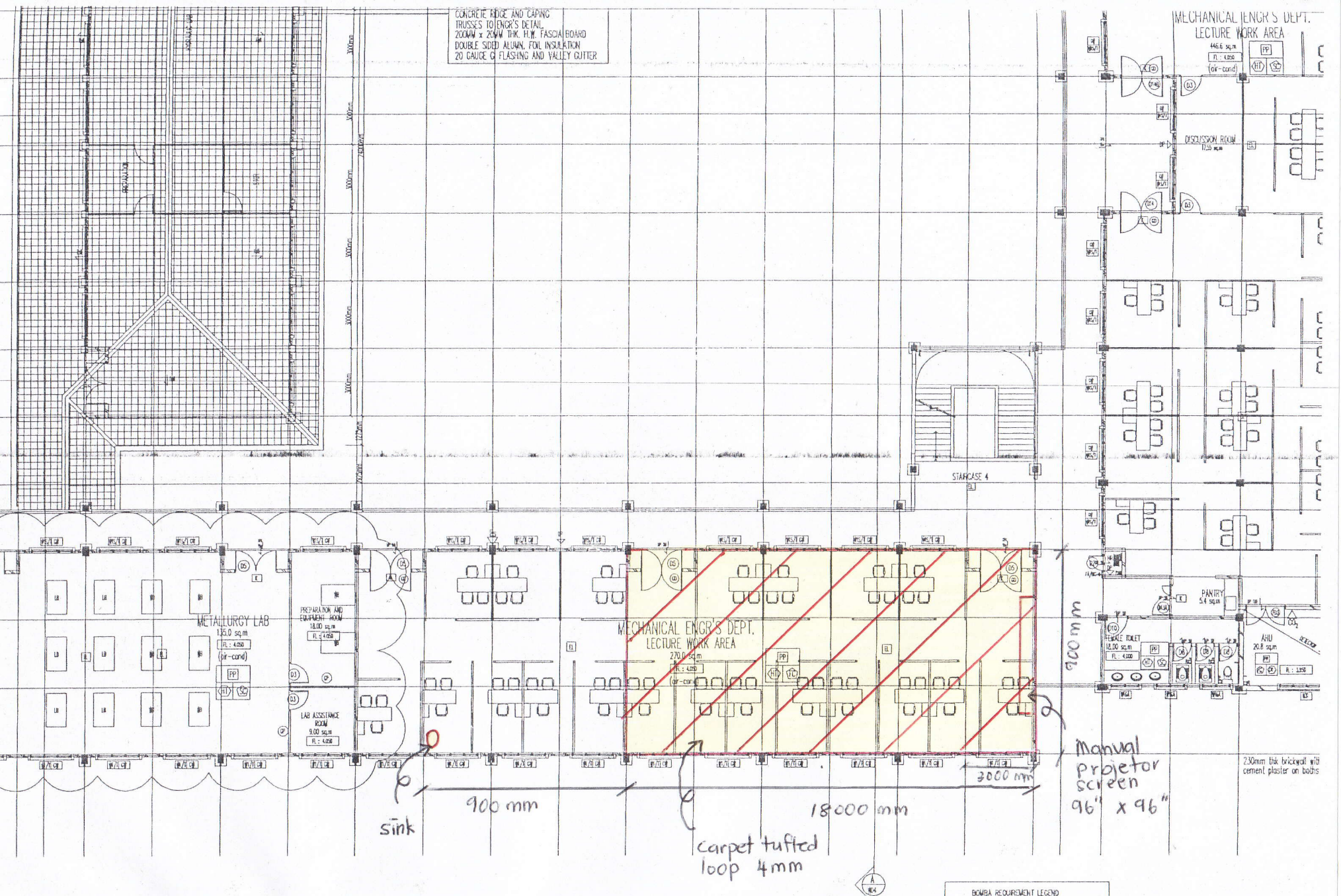


PLAN

NAIKTARAF PERABOT BINA DALAM DI DEWAN KULIAH UTAMA DAN MINI DEWAN KULIAH

CONCRETE RIDGE AND CAPPING
TRUSSES TO ENGR'S DETAIL
200MM x 25MM THK. F.W. FASCIA BOARD
DOUBLE SIDED ALUM. FOIL INSULATION
20 GAUGE G FLASHING AND VALLEY GUTTER

MECHANICAL ENGR'S DEPT.
LECTURE WORK AREA



NAIKTARAF BILIK MESYUARAT JABATAN KEJURUTERAAN MEKANIKAL

BOMBA REQUIREMENT LEGEND	
◁DP	5KG DP/ABC (DRY POWDER) FIRE EXTINGUISHER
◁CO ₂	2.0KG CO ₂ FIRE EXTINGUISHER
⊠FR	FIRE EXTINGUISHER
⊠FA/BS	FIRE ALARM & MANUAL BREAK GLASS
⊠FD	FIRE DOOR TO JPSM APPROVAL
⊠E	RELEASER SIGN

FINISHES LEGEND	
⊠KALL	PLASTER AND PAINT
⊠PT	CERAMIC WALL TILES

ENGINEERING DEPT.

230mm thick brickwork with cement plaster on both

