



# LEGEND : ELECTRICAL INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	1 X 22W LED CEILING RECESSED WALL WASHER C/W DALI BALLAST	85
	1 X 32W LED CEILING RECESSED WALL WASHER C/W DALI BALLAST	8
	2 X 14W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUM CROSS BLADE. (DIMMABLE ELECTRONIC BALLAST EXCEPT FOR STORE)	3
	1 X 28W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & TRANSPARENT DIFFUSER (ELECTRONIC BALLAST)	1
	1 X 28W T5 WALL MOUNTED BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST.	1
	1 X 12V/6W LED WALL MOUNTED TYPE UP / DOWN LIGHTING FTG.	2
	LIGHTING POINT FOR ID PANEL TO SMART CONTROL AT CONTROL ROOM	4
	10A 1 GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	3
	13A SWITCH SOCKET OUTLET AT 300mm AFFL.	62
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR PROJECTOR	2
	13A SWITCH SOCKET OUTLET MOUNTED INSIDE FLOOR SERVICE BOX/JUNCTION BOX.	4
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WIFI SYSTEM	2
	13A SWITCH SOCKET OUTLET AT CEILING LEVEL FOR SPEAKER & SUBWOOFER	-
	13A SWITCH SOCKET OUTLET AT BELOW CEILING LEVEL FOR CCTV	2
	20A 1 GANG ONE WAY DOUBLE POLE SWITCH (FOR AIR CONDITIONING)	1
	8 GANG SMART SWITCH AT 1450mm AFFL.	2
	DIMMER SWITCH	1
	DISTRIBUTION BOARD AT 2100mm AFFL. (METAL CLAD, WALL MOUNTED TYPE)	1
	32A SINGLE PHASE POWER SUPPLY	1
	LIGHTING AUTOMATION PANEL	1
	30A SPN ISOLATOR POINT	1
	-50mm x 50mm TRUNKING @ CEILING FOR AUDIO AND VISUAL (BY ELECTRICAL CONTRACTOR)	AS SHOWN
	-25MM UPVC CONDUIT @ CEILING FOR AUDIO AND VISUAL (BY ELECTRICAL CONTRACTOR)	AS SHOWN
	-25MM UPVC CONDUIT @ FLOOR FOR AUDIO AND VISUAL C/W INSPECTION BOX (BY ELECTRICAL CONTRACTOR)	AS SHOWN
	-25MM UPVC CONDUIT @ WALL FOR AUDIO AND VISUAL (BY ELECTRICAL CONTRACTOR)	AS SHOWN
	UNDER FLOOR JUNCTION BOX ( 150mm X 150mm ) FOR POWER, TELEPHONE & DATA CAST IN FLOOR SLAB.	AS SHOWN
	- DATA - 50mm X 25mm X 3.2mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN
	- POWER - 50mm X 25mm X 3.2 mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN
	- TELEPHONE - 50mm X 25mm X 2.5 mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN

# LEGEND : TELEPHONE INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	COMPUTER/DATA (1G) UTP PT. C/W SOCKET OUTLET USING CAT. 6 CABLE IN UPVC CONDUIT/CONCEALED	8
	WIFI POINT C/W SOCKET OUTLET AT CEILING LEVEL USING CAT 6 CABLE IN UPVC CONDUIT/CONCEALED.	2
	DOME CAMERA	2

## NOTES:

- ALL M&E SERVICES WILL BE UNDER ELECTRICAL CONTRACTOR TO BE COORDINATED WITH ID CONTRACTOR FOR ALL FITMENT THAT REQUIRED CUTTING
- ALL DIMENSIONS TO BE VERIFIED AT SITE
- REFER TO APPROVED MATERIALS / FINISHES
- ALL EXISTING SITE CONDITION TO BE INSPECTED AND HIGHLIGHTED TO DESIGNER AND SITE MANAGER FOR VERIFICATION PRIOR TO ANY FABRICATION OF SHOP DRAWINGS.



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Job Title  
 INTERIOR DESIGN WORKS FOR PROPOSED KDU PENANG  
 @ BATU KAWAN, PENANG MALAYSIA

Drawing Title  
**LECTURE THEATRE 2 - BLOCK D 1ST - 2ND FLOOR**  
 MECHANICAL & ELECTRICAL LAYOUT PLAN

Senior Vice President	TAN PHENG CHEE
Vice President	PATRICK TAN
Principal Architectural Associate	-
Architectural Associate	-
Principal Interior Designer	BETH SONCUYA

## TENDER DRAWING

Drawn By	TEAM	Date: JULY 16
Checked By	BETH	Date: JULY 16
Project Code :	Drawing No. :	REV.
P5679	ID-FT-D-304-14	-
Scale : 1:75	CAD Ref.	