

LEGEND : ELECTRICAL INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	2 X 28W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUM CROSS BLADE (ELECTRONIC BALLAST)	11
	10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	- - 1
	10A 2/3 GANG TWO WAY LIGHTING SWITCH AT 1450mm AFFL.	2 - -
	13A SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED AT TABLE / LOW HEIGHT PARTITION. (ACTUAL POSITION TO BE DETERMINE ON SITE)	124
	13A TWIN SWITCH SOCKET OUTLET AT 300mm AFFL.	2
	13A TWIN SWITCH SOCKET OUTLET AT 2100mm AFFL.	1
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR PROJECTOR	1
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WIFI SYSTEM	1
	13A SWITCH SOCKET OUTLET AT BELOW CEILING LEVEL FOR SPEAKER	2
	20A 1 GANG ONE WAY DOUBLE POLE SWITCH (FOR PROJECTOR & SPEAKER)	2
	UNDER FLOOR JUNCTION BOX ( 250mm X 250mm X 56mm ) FOR POWER, TELEPHONE & DATA CAST IN FLOOR SLAB. - DATA - 150mm X 25mm X 3.2mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB) - POWER - 150mm X 25mm X 3.2 mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN
	150mm X 25mm METAL TRUNKING DROPPER	AS SHOWN
	-25MM PVC CONDUIT FOR AUDIO AND VISUAL C/W INSPECTION BOX (BY ELECTRICAL CONTRACTOR)	AS SHOWN

LEGEND : ACMV INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	SUPPLY AIR GRILLE (600 x 600 UNLESS OTHERWISE STATED)	9
	4 WAY TYPE C/W OPPOSED BLADE VOLUME CONTROL DAMPER (UNLESS OTHERWISE STATED)	-
	600mm X 600mm RETURN AIR GRILLE	2
	FAN COIL UNIT (FCU)	2
	A/C CONTROL MODULE	2
	300MM X 300MM FRESH AIR GRILLE C/W VOLUME CONTROL DAMPER	2
	WALL MOUNTED EXHAUST FAN C/W FIXED LOUVER & INSERT SCREEN	-
	PLENUM BOX	2

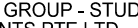

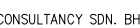

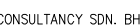
LEGEND: AUDIO/VISUAL SYSTEM.

SYMBOL	DESCRIPTION(S)	QTY
	HDMI & AUDIO INPUT PANEL	1
	REMOTE MIXER (MIC INPUT & VOLUME CONTROL)	1
	3 WAYS ACTIVE SPEAKER (TO AUDIO & VISUAL DETAILS)	2
	3000 ANSI LUMENS WXGA 3L PROJECTOR (TO AUDIO & VISUAL DETAILS) -PROJECTOR SUPPORT SUPPLIED BY MAIN CONTRACTOR	1

- ARCHI NOTE:
- 1) ALL WORKS SHALL BE CARRIED OUT UNDER THE MAIN CONTRACTOR UNLESS SPECIFIED OTHERWISE.
  - 2) CONTRACTOR SHALL REFER CONCURRENTLY TO ARCHITECTURAL SCHEDULE OF FINISHES, WALL TYPE, CEILING TYPE, WINDOW, DOOR, IRONMONGERY AND SANITARYWARE.
  - 3) CONTRACTOR SHALL REFER CONCURRENTLY TO M&E SCHEDULES FOR MECHANICAL, ELECTRICAL ACCESSORIES AND LIGHT FITTINGS.
  - 4) CONTRACTOR SHALL SUBMIT COORDINATED SHOP DRAWINGS BASED ON VERIFIED SITE DIMENSIONS, FOR ARCHITECT'S APPROVAL.
  - 5) CONTRACTOR SHALL SUBMIT ALL PROPOSED MATERIALS AND SAMPLES, FOR ARCHITECT'S APPROVAL.
  - 6) LOCATION OF WINDOW MAY VARIES FOR TYPICAL ROOM DUE TO FACADE PATTERN-REFER TO ARCHITECTURAL PLAN.
  - 7) ALL ID FITMENT, SYSTEM & LOOSE FURNITURE REFER TO ID SCHEDULE/ DETAILS (BY ID CONTRACTOR).

- M&E NOTE:
- 1) ALL EQUIPMENT DIMENSION SHOWN IS PRELIMINARY & ACTUAL DIMENSION TO BE DETERMINED BASED ON EQUIPMENT SELECTED.
  - 2) 300 LUX LEVEL DESIGN BASED ON MS STANDARD:1525 (2007)
  - 3) TO MEET MINIMUM REQUIREMENTS OF VENTILATION RATE IN ASHRAE 62.1 OR THE LOCAL BUILDING CODE WHICHEVER IS MORE STRINGENT.
  - 4) THIS DRAWING SHALL BE STUDIED IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING DRAWING.
  - 5) CEILING HEIGHT SHALL ACHIEVE 2800MM MINIMUM.
  - 6) JUNCTION BOX & UNDERFLOOR TRUNKING/ CONCEALED CONDUIT/TRUNKING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR FOR AUDIO/VISUAL SERVICES TO LECTURER SEATING AREA.

CONSTRUCTION DRAWING

PROJECT TITLE :  CADANGAN MEMBINA SEBUAH KOLEJ UNIVERSITI SWASTA DI ATAS PT 5828, PERSIARAN CASSIA BARAT 3, BATU KAWAN, MK. 13, SEBERANG PERAI SELATAN YANG MENDUNGUNI :  BLOK A – PUSAT PENTADBIRAN 5 TINGKAT BLOK B – PERPUSTAKAAN DAN BLIK KULIAH 6 TINGKAT BLOK C – BANGUNAN AKADEMIK DAN DEWAN SERBAGUNA B3 TINGKAT DENGAN PODIUM BLOK D – DEWAN KULIAH DAN KAFETERIA 3 TINGKAT BLOK E – BANGUNAN AKADEMIK 5 TINGKAT 2 UNIT PONDOK PENGAWAL DAN 1 UNIT TNB 11 KV STESEN SUIS UTAMA  UNTUK: TETUAN KDU COLLEGE (PG) SDN. BHD	LAND OWNER & BUILDING OWNER SIGNATURE :  NAME : DR.CHONG BENG KEOK CHIEF EXECUTIVE OFFICER (CEO) IC. NO : 610612-02-5048  ALAMAT :KDU COLLEGE (PG) SDN.BHD. 32, JALAN ANSON, 10400 GEORGE TOWN, PULAU PINANG. TEL. NO : 604-2386368	DESIGN ARCHITECT :  ARCHITECTURE GROUP - STUDIO A CPG CONSULTANTS PTE LTD 1 Gateway Drive #23-01 Westgate Tower, Singapore 608531 Tel : +63574888 ; fax: +63574188	C&S CONSULTANT :  PERUNDING KELANA CIVIL & STRUCTURAL ENGINEERS Level 12, Unit 12(D), Wisma Boon Siew, No.1, Penang Road, 10000 Penang. Tel: 2622628, Fax: 2641618 (Company No. A50232772-W)	QS CONSULTANT :  UNITECH QS CONSULTANCY SDN. BHD. 12A-A, MENARA NORTHAM, 55, JALAN SULTAN AHMAD SHAH, 10050 PENANG	DRAWING TITLE :  BLOCK E_2ND FLOOR COMPUTER LAB 1 FURNITURE LAYOUT PLAN				
		BH YEOW ARCHITECT 15TH FLOOR, BANGUNAN AMMELIFE, NO.1, JLN. LUMUT, 50400 KUALA LUMPUR. TEL: (30)-4046-1346 FAX: (03) 4043-1349 EMAIL: ybhw@nrasb.com.my	ARCHITECT SIGNATURE :  M&E CONSULTANT :  PERUNDING P.L.A. Consulting Mechanical & Electrical Engineers. 8-01, WISMA PANTAI, JALAN WISMA PANTAI, 12200 BUTTERWORTH, PENANG. TEL. NO. : (604) 3337990 TEL. : (604) 3317337 FAX NO. : (604) 3317337 E-MAIL : project@pla-group.com	KITCHEN SPECIALIST :  DISHES SDN BHD NO. 21-1, JALAN SEMENYIH SENTRAL 1, SEMENYIH SENTRAL, SEMENYIH, 43500 SELANGOR TEL : +603-872-71201 email : info@dishes.com.my webmail : www.dishes.com.my	DATE : 09.03.16	SCALE : 1:50	CHECK BY : Ej/EDM		
		PROJECT NO. :		STATUS :	BLOCK :	DWG. NO :	REVISION :		
		55314		CA	E	S101	A		