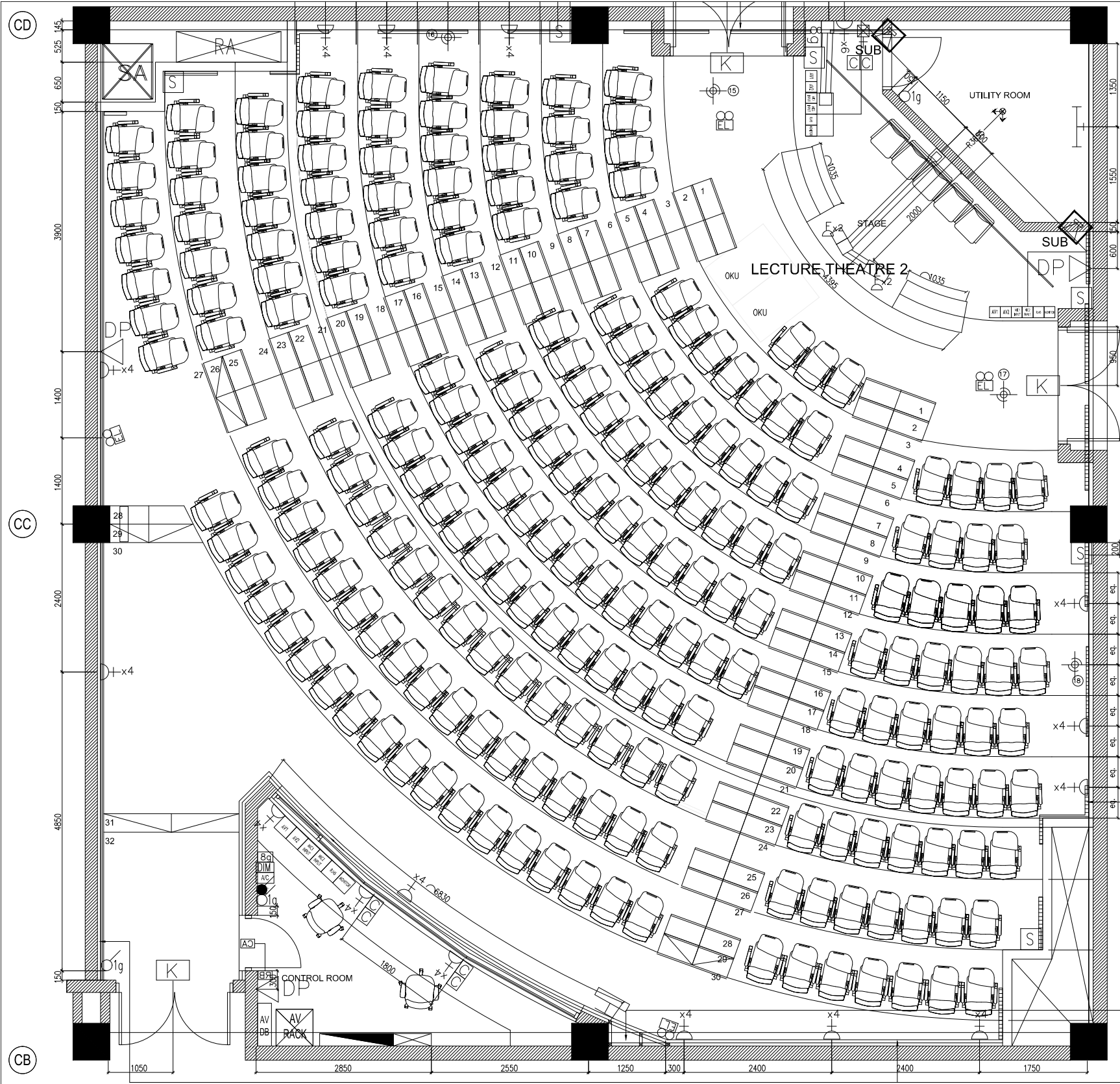




SYMBOL	DESCRIPTION(S)	QTY
	1 X 22W LED CEILING RECESSED WALL WASHER C/W DAU BALLAST	85
	1 X 32W LED CEILING RECESSED WALL WASHER C/W DAU BALLAST	8
	2 X 14W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINUM CROSS BLADE. (DIMABLE ELECTRONIC BALLAST)	3
	1 X 28W RECESSED TYPE T5 FLUO. FTG. C/W 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.	66
	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 AT 1450MM AFFL. (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 AT 900mm AFFL.	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 (250mm X 250mm X 56mm) FOR POWER, TELEPHONE & DATA CAST IN FLOOR SLAB. - DATA - 150mm X 25mm X 3.2mm UNDERFLOOR UPVC - POWER - TRUNKING/CONDUIT. (CAST IN FLOOR SLAB) 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

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
	DOM E CAMERA	2
	CARD ACCESS C/W READER	1

ARCH 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, IRONWORKERY 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) 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) 500 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) THESE DRAWINGS SHALL BE STUDIED IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING DRAWING.
- 5) AAV SETTING OUT TO BE DETERMINED BY AAV CONTRACTOR.

FABRIC WRAPPED ACOUSTIC PANELING;
WITH CONCEALED LIGHTING
(BY ID CONTRACTOR-REFER TO ID WALL DETAIL
ELEVATION/DETAILS)

HW FRAMING (BY ID CONTRACTOR)

FABRIC WRAPPED ACOUSTIC PANELING
50MM THK. ROCKWOOL AS BACKING OF FABRIC ON TOP OF
50MM AIR CAVITY @500 FROM FFL+13.000
(BY ID CONTRACTOR- REFER TO ID WALL DETAIL ELEVATION/ DETAILS)

CONSTRUCTION DRAWING

BLOCK D -1ST FLOOR
LECTURE THEATRE 2
MECHANICAL & ELECTRICAL LAYOUT PLAN

21.03.16 1:75 EJ/EDM

DATE :	SCALE :	CHECK BY :			
PROJECT NO. :	STATUS	BLOCK	DWG. NO	REVISION	
55314	CA				

PROJECT TITLE :
CADANGAN MEMBINA SEBUAH KOLEJ UNIVERSITI SWASTA
DI ATAS PT 5828, PERSIARAN CASSIA BARAT 3, BATU KAWAN,
MK. 13, SEBERANG PERAI SELATAN YANG MENDUNGHI :
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.
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