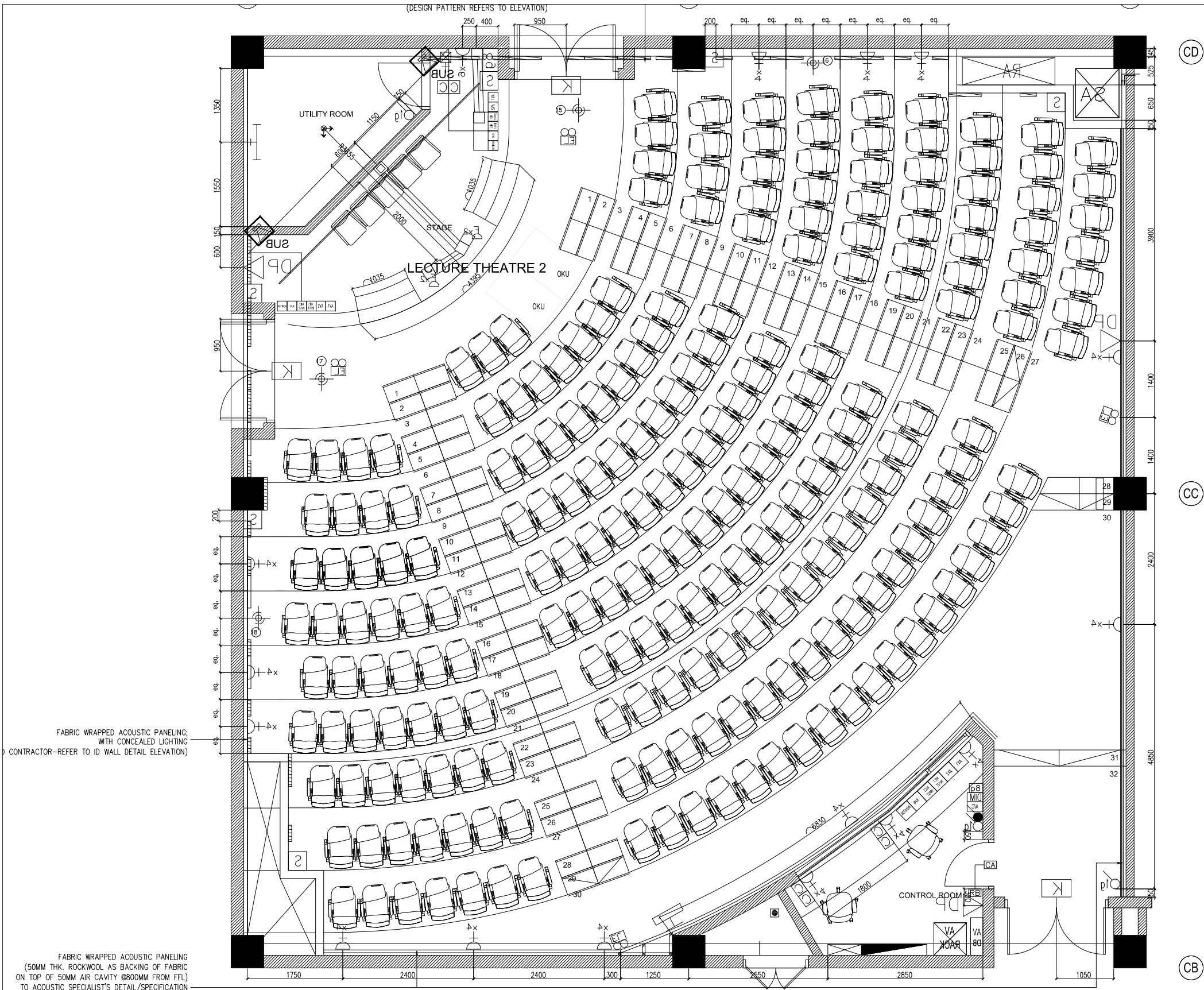




LEGEND : ELECTRICAL INSTALLATION		
SYMBOL	DESCRIPTION(S)	QTY
	1 X 22W LED CEILING RECESSED WALL WASHER C/W DALI BALLAST	85
	1 X 32W LED CEILING RECESSED WALL WASHER C/W DALI BALLAST	8
	2 X 14W RECESSED TYPE TS FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINUM CROSS BLADE. (DIMMABLE ELECTRONIC BALLAST)	3
	1 X 28W RECESSED TYPE TS FLUO. FTG. C/W MIRROR REFLECTOR & TRANSPARENT DIFFUSER. (ELECTRONIC BALLAST)	1
	1 X 28W TS 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 WFI 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 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

LEGEND : TELEPHONE INSTALLATION		
SYMBOL	DESCRIPTION(S)	QTY
	COMPUTER/DATA (16) UTP PT. C/W SOCKET OUTLET USING CAT. 6 CABLE IN UPVC CONDUIT/CONCEALED	8
	WFI POINT C/W SOCKET OUTLET AT CEILING LEVEL USING CAT 6 CABLE IN UPVC CONDUIT/CONCEALED.	2
	DOME CAMERA	2
	CARD ACCESS C/W READER	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) 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.

CONSTRUCTION DRAWING

DRAWING TITLE :				
BLOCK D_1ST FLOOR LECTURE THEATRE 1 MECHANICAL & ELECTRICAL LAYOUT PLAN				
DATE :	SCALE :	CHECK BY :		
21.03.16	1:75	EJ/EDM		
PROJECT NO. :		STATUS	BLOCK	REVISION
55314		CA	D	A

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 BILIK 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
ARCHITECT SIGNATURE :
.....
BH YEOW ARCHITECT
15TH FLOOR, BANGUNAN AMMELIFE,
NO.1, JLN. LUMUT, 50400 KUALA LUMPUR.
TEL: (30)-4046-1346
FAX: (03) 4043-1349
EMAIL: yehwa@nrasb.com.my

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)
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
FAX NO. : (604) 3317337
E-MAIL : project@pla-group.com

QS CONSULTANT :
UNITECH QS CONSULTANCY SDN. BHD.
12A-A, MENARA NORTHAM,
55, JALAN SULTAN AHMAD SHAH,
10050 PENANG
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