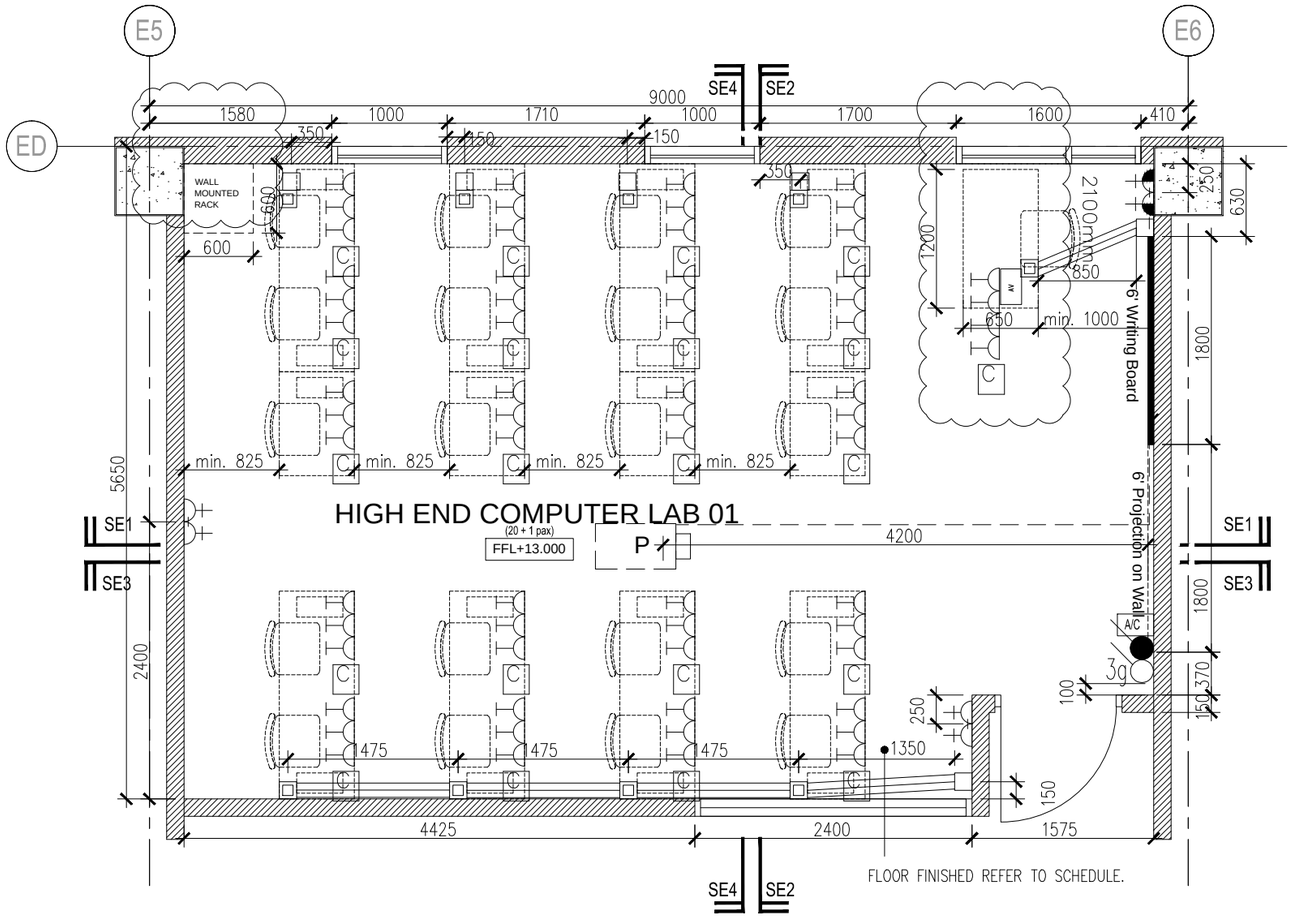

LEGEND : ELECTRICAL INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	2 X 28W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUMINIUM CROSS BLADE. (ELECTRONIC BALLAST)	6
	2 X 14W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUMINIUM CROSS BLADE. (ELECTRONIC BALLAST)	1
	10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	– – 1
	13A SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED AT TABLE / LOW HEIGHT PARTITION. (ACTUAL POSITION TO BE DETERMINE ON SITE)	64
	13A TWIN SWITCH SOCKET OUTLET AT 300mm AFFL.	2
2100mm	13A TWIN SWITCH SOCKET OUTLET AT 2100mm AFFL.	1
P	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR PROJECTOR	1
WF	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WIFI SYSTEM	1
S	13A SWITCH SOCKET OUTLET AT BELOW CEILING LEVEL FOR SPEAKER	–
	20A 1 GANG ONE WAY DOUBLE POLE SWITCH (FOR PROJECTOR & SPEAKER)	1
	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) 4 WAY TYPE C/W OPPOSED BLADE VOLUME CONTROL DAMPER (UNLESS OTHERWISE STATED)	6
	600mm X 600mm RETURN AIR GRILLE	1
	FAN COIL UNIT (FCU)	1
A/C	A/C CONTROL MODULE	1
	300MM X 300MM FRESH AIR GRILLE C/W VOLUME CONTROL DAMPER	1
	WALL MOUNTED EXHAUST FAN C/W FIXED LOUVER & INSERT SCREEN	–
	PLENUM BOX	1

LEGEND: AUDIO/VISUAL SYSTEM.

SYMBOL	DESCRIPTION(S)	QTY
AV	HDMI & AUDIO INPUT PANEL	1
P	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 DRAWING.
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 MENGANDUNGI :
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

BH YEW ARCHITECT
15TH FLOOR, BANGUNAN AMMETLIFE,
NO.1, JLN. LUMUT, 50400 KUALA LUMPUR.
TEL: (30)–4046–1346
FAX: (03) 4043–1349
EMAIL: ybhwa@nrasb.com.my

ARCHITECT SIGNATURE :
.....

C&S CONSULANT :
PERUNDING KELANA
CIVIL & STRUCTURAL ENGINEERS
Level 12, Unit 12(D), Wisma Boon Siew,
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Tel: 2622628, Fax: 2641618
(Company No. AS0232772–W)

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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 CONSULANT :
UNITECH QS CONSULTANCY SDN. BHD.
12A–A, MENARA NORTHAM,
55, JALAN SULTAN AHMAD SHAH,
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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

DRAWING TITLE :
BLOCK E_2ND FLOOR
HIGH END COMPUTER LAB 1
FURNITURE LAYOUT PLAN

DATE :	SCALE :	CHECK BY :
09.03.16	1:50	EJ/EDM

PROJECT NO. :	STATUS	BLOCK	DWG. NO	REVISION
55314	CA	E	S001	A