



LEGEND : ELECTRICAL INSTALLATION		
SYMBOL	DESCRIPTION(S)	QTY
	2 X 28W RECESSED TYPE TS FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINUM CROSS BLADE (ELECTRONIC BALLAST)	58
	20W LED DOWNLIGHT C/W PLASMATIC DIFFUSER	35
	1 X 14W TS BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST. (COVE LIGHT)	-
	1 X 28W TS BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST. (COVE LIGHT)	-
	CEILING LIGHTING POINT	-
	PENDENT LIGHTING POINT	3
	WALL MOUNTED LIGHTING POINT	3
	1 X 28W TS WALL MOUNTED TYPE BARE CHANNEL FLUO. LIGHT FTG. C/W SINGLE METAL REFLECTOR (ELECTRONIC BALLAST)	3
	13A SWITCH SOCKET OUTLET AT 900mm AFFL.	147
	13A SWITCH SOCKET OUTLET AT 300mm AFFL.	35
	13A TWIN SWITCH SOCKET OUTLET AT 2100mm AFFL.	3
	13A TWIN SWITCH SOCKET OUTLET AT 1450mm AFFL.	1
	13A SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED BELOW TABLE TOP/LOW HEIGHT PARTITION.	18
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WFI SYSTEM	3
	10A 2/3 GANG TWO WAY LIGHTING SWITCH AT 1450mm AFFL.	- 7 2
	10A 1/3 GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	17 1 2
	ELECTRICAL PANEL	1
	AC - AIR CONDITIONING STARTER PANEL	3
	P - SMALL POWER ELECTRICAL PANEL	2
	L - LIGHTING ELECTRICAL PANEL	2
	UNDER FLOOR JUNCTION BOX ( 250mm X 250mm X 56mm ) FOR POWER, TELEPHONE & DATA CAST IN FLOOR SLAB.	AS SHOWN
	- DATA - 150mm X 25mm X 3.2mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN
	- 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 : FIRE INSTALLATION		
SYMBOL	DESCRIPTION(S)	QTY
	PENDENT SPRINKLER (155°F/68°C TEMPERATURE RATING).	87
	UPRIGHT SPRINKLER (155°F/68°C TEMPERATURE RATING).	71
	EMERGENCY LIGHT. (SUPPLY & INSTALL BY ELECTRICAL CONTRACTOR)	24
	8W KELLUAR SIGN C/W SELF CONTAINED BACK UP BATTERY (3 HR.) & CHARGER.	9
	9 KOS ABC DRY POWDER PORTABLE FIRE EXTINGUISHER.	9
	HOSE REEL DRUM C/W 25mm x 30m (LENGTH) HOSE & NOZZLE.	1
	MANUAL BREAKGLASS & ALARM BELL.	1
	SMOKE DETECTOR.	1
	SMOKE DETECTOR IN SAMPLING TUBE.	1

NOTES:  
1) ALL WORKS SHALL BE CARRIED OUT UNDER THE MAIN CONTRACTOR UNLESS SPECIFIED OTHERWISE.  
2) CONTRACTOR SHALL REFER CONSEQUENTLY TO ARCHITECTURAL SCHEDULE OF FINISHES AND THE CEILING TYPE, MIRROR, DOWN, BROWNEZITY AND SANITARYWARE.  
3) CONTRACTOR SHALL REFER CONSEQUENTLY TO THE SCHEDULES FOR MECHANICAL, ELECTRICAL, ACCESSORIES AND LIGHT FITTINGS.  
4) CONTRACTOR SHALL SUBMIT ALL PROPOSED MATERIALS AND SAMPLES FOR ARCHITECT'S APPROVAL.  
5) CONTRACTOR SHALL SUBMIT ALL PROPOSED MATERIALS AND SAMPLES FOR ARCHITECT'S APPROVAL.  
6) ALL FITMENT, SYSTEM & LARGE FURNITURE REFER TO SCHEDULE/DETAILS (BY ID CONTRACTOR).

NOTES:  
1) ALL EQUIPMENT DIMENSION SHALL BE PRELIMINARY & ACTUAL DIMENSION TO BE DETERMINED BASED ON EQUIPMENT SELECTED.  
2) ALL LEVEL DESIGN REFER TO THE FINISH FLOOR LEVEL.  
3) TO MEET MINIMUM REQUIREMENTS OF VENTILATION RATE IN ACCORDANCE WITH THE LOCAL BUILDING CODE WHICHEVER IS MORE STRINGENT.  
4) THESE DRAWINGS SHALL BE STUDIED IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS.  
5) ANY SETTING OUT TO BE DETERMINED BY THE CONTRACTOR.

REFINE TRAVERTINE MARBLE FINISH  
RECEPTION COUNTER (WITH CONCEALED LIGHTING)  
(BY ID CONTRACTOR)

CONCRETE STAIRCASES WITH TILES FINISHED;  
300MM(H) TIMBER SKIRTING BAND

-FRAMELESS GLASS AND ROUND TIMBER HANDRAIL

DIVISION HEAD ROOMS & MEETING ROOMS FLOOR FINISHED REFER TO SCHEDULE  
(BY ID CONTRACTOR)

RECEPTION & GALLERY, INTERNAL CORRIDOR SICK BAYS IN TILE FINISH BY MAIN CONTRACTOR

## CONSTRUCTION DRAWING

DRAWING TITLE :  
BLOCK A\_GROUND FLOOR  
ADMIN OFFICES  
FURNITURE LAYOUT PLAN

DATE : 23.03.16	SCALE : 1:100	CHECK BY : EJ/EDM		
PROJECT NO. : 55314	STATUS : CA	BLOCK : A	DWG. NO : A101	REVISION : 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: yehwo@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. A55232772-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  
TEL. NO. : (604) 3317337  
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