



LEGEND : ELECTRICAL INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	2 X 28W RECESSED TYPE TS FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINUM CROSS BLADE. (ELECTRONIC BALLAST)	98
	20W LED DOWNLIGHT C/W PLASMATIC DIFFUSER	-
	1 X 28W TS BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST.	4
	PENDENT LIGHTING POINT	-
	CEILING LIGHTING POINT	-
	WALL MOUNTED LIGHTING POINT	-
	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.	300
	13A SWITCH SOCKET OUTLET AT 300mm AFFL.	17
	13A TWIN SWITCH SOCKET OUTLET AT 2100mm AFFL.	-
	13A TWIN SWITCH SOCKET OUTLET AT 1450mm AFFL.	1
	13A TWIN SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED BELOW TABLE TOP/LOW HEIGHT PARTITION.	-
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WFI SYSTEM	3
	10A 2/3 GANG TWO WAY LIGHTING SWITCH AT 1450mm AFFL.	-
	10A 1/3 GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	11
	10A 1/3 GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	4
	10A 1/3 GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	3
	ELECTRICAL PANEL	1
	AC - AIR CONDITIONING STARTER PANEL	4
	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 (155T/68°C TEMPERATURE RATING).	91
	UPRIGHT SPRINKLER (155T/68°C TEMPERATURE RATING).	83
	EMERGENCY LIGHT. (SUPPLY & INSTALL BY ELECTRICAL CONTRACTOR)	18
	8W KELLUAR SIGN C/W SELF CONTAINED BACK UP BATTERY (3 HR.) & CHARGER.	4
	9 KGS ABC DRY POWDER PORTABLE FIRE EXTINGUISHER.	6
	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

WORK NOTE:
 1) ALL WORKS SHALL BE CARRIED OUT UNDER THE MAIN CONTRACTOR UNLESS SPECIFIED OTHERWISE.
 2) CONTRACTOR SHALL REFER CONCRETE TO ARCHITECTURAL SCHEDULES OF FINISHES, WALL TYPE, CEILING TYPE, WINDOW, DOOR, ROOMING AND SANITARYWARE.
 3) CONTRACTOR SHALL REFER CONCRETE TO MAIN SCHEDULES FOR MECHANICAL, ELECTRICAL, ACCESSORIES AND LIGHT FITTING.
 4) CONTRACTOR SHALL SUBMIT COORDINATED SHOP DRAWINGS BASED ON REVISED SITE DIMENSIONS FOR ARCHITECT'S APPROVAL.
 5) CONTRACTOR SHALL SUBMIT ALL PROPOSED MATERIALS AND SAMPLES FOR ARCHITECT'S APPROVAL.
 6) ALL ID FITMENT, SYSTEM & LOGGE FURNITURE REFER TO ID SCHEDULES/DETAILS (BY ID CONTRACTOR).

NOTE:
 1) ALL EQUIPMENT DIMENSION SHOWN IS PRELIMINARY & ACTUAL DIMENSION TO BE DETERMINED BASED ON EQUIPMENT SELECTED.
 2) LAY LEVEL DESIGN BASED ON MS STANDARDS (2007)
 3) TO MEET MINIMUM REQUIREMENTS OF SINGAPORE FIRE & SAFETY ACT 421 OF THE LOCAL BUILDING CODE WHICHEVER IS MORE STRINGENT.
 4) THESE DRAWINGS SHALL BE STORED IN CONJUNCTION WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING DRAWING.
 5) ANY SETTING OUT TO BE DETERMINED BY ASH CONTRACTOR.

FLOOR FINISHED REFER TO SCHEDULE (BY ID CONTRACTOR)

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 MENDANGUNGI :
 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.
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BH YEOW ARCHITECT
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QS CONSULTANT :
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DRAWING TITLE :
 BLOCK A_4TH FLOOR
 ADMIN OFFICES
 FURNITURE LAYOUT PLAN

DATE :	SCALE :	CHECK BY :			
23.03.16	1:100	EJ/EDM			
PROJECT NO. :	STATUS :	BLOCK :	DWG. NO :	REVISION :	
55314	CA	A	A109	A	