

LEGEND : ELECTRICAL INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	4 X 54W T5 RECESSED TYPE T5 FLUO. LIGHT FTG. C/W ALUMINUM REFLECTOR , TRANSPARENT PROTECTION COVER & SAFETY CHAIN	6
	1 X 28W SURFACE MOUNTED T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUM CROSS BLADE (CW ELECTRONIC BALLAST)	3
	1 X 28W T5 BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST.	2
	10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450MM AFFL.	1 - -
	13A SWITCH SOCKET OUTLET AT 1800MM AFFL. (UNLESS OTHERWISE STATED)	5
	13A SWITCH SOCKET OUTLET AT 1200MM AFFL.	2
	13A SWITCH SOCKET OUTLET AT BELOW CEILING LEVEL FOR CCTV	1
	20A THREE PHASE POINT C/W ISOLATOR AFFL.	1
	20A TPN ISOLATOR	1
	20A 1 GANG ONE WAY DOUBLE POLE SWITCH (FOR A/C)	1

LEGEND : FIRE INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	PENDENT SPRINKLER (155F/68C TEMPERATURE RATING).	-
	UPRIGHT SPRINKLER (155F/68C TEMPERATURE RATING).	28
	EMERGENCY LIGHT. (SUPPLY & INSTALL BY ELECTRICAL CONTRACTOR)	3
	8W KELUAR SIGN C/W SELF CONTAINED BACK UP BATTERY (3 HR.) & CHARGER.	1
	9 KGS ABC DRY POWDER PORTABLE FIRE EXTINGUISHER.	1
	HOSE REEL DRUM C/W 25mm x 30m (LENGTH) HOSE & NOZZLE.	1
	MANUAL BREAKGLASS & ALARM BELL.	1

LEGEND : HOW WATER PLUMBING INSTALLATION







SYMBOL	DESCRIPTION(S)	QTY
	20MM PPR PN 20 HOT WATER SUPPLY POINT AFFL	5
	25MM PPR PN 20 HOT WATER SUPPLY POINT AFFL	-

GROUND FLOOR - RECEIVING AREA.		
RC-01	1 HAND WASH SINK	EAGLE
RC-02	1 STN. STL. FOOT OPERATED MOBILE WASTE BIN	BY OPERATOR
RC-03	1 WALL MOUNTED SHELF - DOUBLE	CUSTOM FAB
RC-04	1 WORK TABLE	CUSTOM FAB
RC-05	SPARE NO	
RC-06	1 FLOOR PAN WITH GRATING	DSS
RC-07	1 BENCH SCALE W/PRINTER 30KG - BATTERY OPERATED	SP ASIA
RC-08	1 WALL MOUNTED HIGH CABINET	CUSTOM FAB
RC-09	1 WORK TABLE	CUSTOM FAB
RC-10	SPARE NO	
RC-11	1 BATTERIES OPERATED PLATFORM SCALE-200KG	SP ASIA
RC-12	1 PLATFORM TRUCK	BY OPERATOR
RC-13	1 PLATFORM TRUCK	BY OPERATOR
RC-14	1 PLATFORM TRUCK	BY OPERATOR
RC-15	SPARE NO	
RC-16	SPARE NO	
RC-17	1 INSECT KILLER	STARKEY
RC-18	1 PORTABLE HYDRAULIC SCISSOR LIFT TABLE	MP INDUSTRIES
RC-19	1 PORTABLE HYDRAULIC SCISSOR LIFT TABLE	MP INDUSTRIES
RC-20	SPARE NO	
RC-21	1 LOT SCUPPER DRAIN	DSS

- 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, 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).
 - 7) ALL KITCHEN EQUIPMENT, PLINTH, TRENCH LOCATION AND SETTING OUT REFER TO DISHES DRAWING.

- M&E NOTE:
- 1) ALL EQUIPMENT DIMENSION SHOWN IS PRELIMINARY & ACTUAL DIMENSION TO BE DETERMINED BASED ON EQUIPMENT SELECTED.
 - 2) 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.

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 MENDUNGHI : 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  15TH FLOOR, BANGUNAN AMMELITE, NO.1, JLN. LUMUT, 50400 KUALA LUMPUR. TEL: (30)-4046-1346 FAX: (03) 4043-1349 EMAIL: ybhw@nrasb.com.my	ARCHITECT SIGNATURE : 	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 :  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	DRAWING TITLE : BLOCK C_GROUND FLOOR LOADING AREA & WET WASTE ROOM FURNITURE LAYOUT PLAN					
						DATE : 21.03.16	SCALE : 1:100	CHECK BY : EJ/EDM			
						PROJECT NO. : 55314		STATUS : CA	BLOCK : C	DWG. NO : F401	REVISION : A