

#### LEGEND : LAB EQUIPMENT & REQUIREMENT (BY LAB CONTRACTOR)

1. WB/P: Wall Bench Electro-Galvanised Steel Construction with Epoxy Powder Coated Finish Dim: W=750 x L=6000 4500 x H=900mm Thk= 16mm, Light Grey Color Phenolic Resin Worktop 2x PP Sink(W=560 x D=428 x H=260mm) 2x PP Dilution Tanks 10Ltr 1x Single way lab tap 2x 2 gang switch socket outlet Volt: 240V/1ph	3. SC: 4x Storage Cabinet - Biology 4x Storage Cabinet - Chemistry Electro-galvanised Steel Construction With Epoxy Powder Coated Finish With Glazed Glass Door Dim: L=900 x D=500 x H=2100 mm
2. WB: Wall Mounted White Board Dim: W=1200MM x L=1200MMmm Weight: 10kg Volt: N/A	4. EXH/F: Exhaust Fan for Laboratory Wall Mounted Volt: 240V/1ph

#### LEGEND : ELECTRICAL INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	2 X 28W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUM CROSS BLADE (ELECTRONIC BALLAST)	4
	10A 1/2/3 GANG TWO WAY LIGHTING SWITCH AT 1450mm AFFL.	2
	13A TWIN SWITCH SOCKET OUTLET AT 1100mm AFFL.	2
	20A 1 GANG ONE WAY DOUBLE POLE SWITCH (FOR PROJECTOR, PROJECTOR & AC)	-
	25MM PVC CONDUIT FOR AUDIO AND VISUAL C/W INSPECTION BOX (BY ELECTRICAL CONTRACTOR)	AS SHOWN
	ELECTRICAL PANEL	-
	AC - AIR CONDITIONING STARTER PANEL	-
	P - SMALL POWER ELECTRICAL PANEL	1
	L - LIGHTING ELECTRICAL PANEL	-

#### LEGEND : ACMV INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	CHILLED WATER CEILING CASSETTE	1
	A/C CONTROL MODULE	1
	600mm X 600mm EXHAUST AIR GRILLE	1
	FAN COIL UNIT (FCU)	-
	PLENUM BOX	-
	300MM X 300MM FRESH AIR GRILLE C/W VOLUME CONTROL DAMPER	1


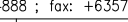


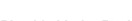

#### ARCHI NOTE:

- 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, DOOR & WINDOW SCHEDULE, IRONMONGERY AND SANITARYWARE SCHEDULE.
- 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 LAB EQUIPMENT AND REQUIREMENT WILL BE PROVIDED BY LAB CONTRACTOR/SPECIALIST.

#### 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) JUNCTION BOX & UNDERFLOOR TRUNKING/ CONCEALED CONDUIT/TRUNKING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
- FOR AUDIO/VISUAL SERVICES TO LECTURER SEATING AREA.

## CONSTRUCTION DRAWING

<div>PROJECT TITLE :</div> <div>CADANGAN MEMBINA SEBUAH KOLEJ UNIVERSITI SWASTA DI ATAS PT 5828, PERSIARAN CASSIA BARAT 3, BATU KAWAN, MK. 13, SEBERANG PERAI SELATAN YANG MENGANDUNGI :</div> <div>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</div>	<div>LAND OWNER &amp; BUILDING OWNER SIGNATURE :</div> <div><div></div></div> <div>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</div>	<div>DESIGN ARCHITECT :</div> <div><div>ARCHITECTURE GROUP - STUDIO A CPG CONSULTANTS PTE LTD Gateway Drive #23-01 Westgate Tower, Singapore 608531 Tel : +63574888 ; fax: +63574188</div><div><div>ARCHITECT</div><div>15TH FLOOR, BANGUNAN AMMETLIFE, NO.1, JLN. LUMUT, 50400 KUALA LUMPUR. TEL: (30)-4046-1346 FAX: (03) 4043-1349 EMAIL: ybhw@nrasb.com.my</div></div></div>	<div>C&amp;S CONSULTANT :</div> <div><div>PERUNDING KELANA CIVIL &amp; STRUCTURAL ENGINEERS Level 12, Unit 12(D), Wisma Boon Siew, No.1, Penang Road, 10000 Penang. Tel: 2622628, Fax: 2641618 (Company No. A55232772-W)</div><div><div>PERUNDING P.L.A. Consulting Mechanical &amp; Electrical Engineers. 8-01, WISMA PANTAI, JALAN WISMA PANTAI, 12200 BUTTERWORTH, PENANG. TEL. NO. : (604) 3337990 TEL. : (604) 3317337 FAX NO. : (604) 3317337 E-MAIL : project@pla-group.com</div></div></div>	<div>QS CONSULTANT :</div> <div><div>UNITECH QS CONSULTANCY SDN. BHD. 12A-A, MENARA NORTHAM, 55, JALAN SULTAN AHMAD SHAH, 10050 PENANG</div><div><div>DISHES</div><div>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</div></div></div>	<div>DRAWING TITLE :</div> <div>BLOCK E_1ST FLOOR PREPARATION ROOM FURNITURE LAYOUT PLAN</div>					
					DATE : 09.03.16	SCALE : 1:75	CHECK BY : EJ/EDM			
					PROJECT NO. :		STATUS :	BLOCK :	DWG. NO :	REVISION :
					55314		CA	E	P401	A