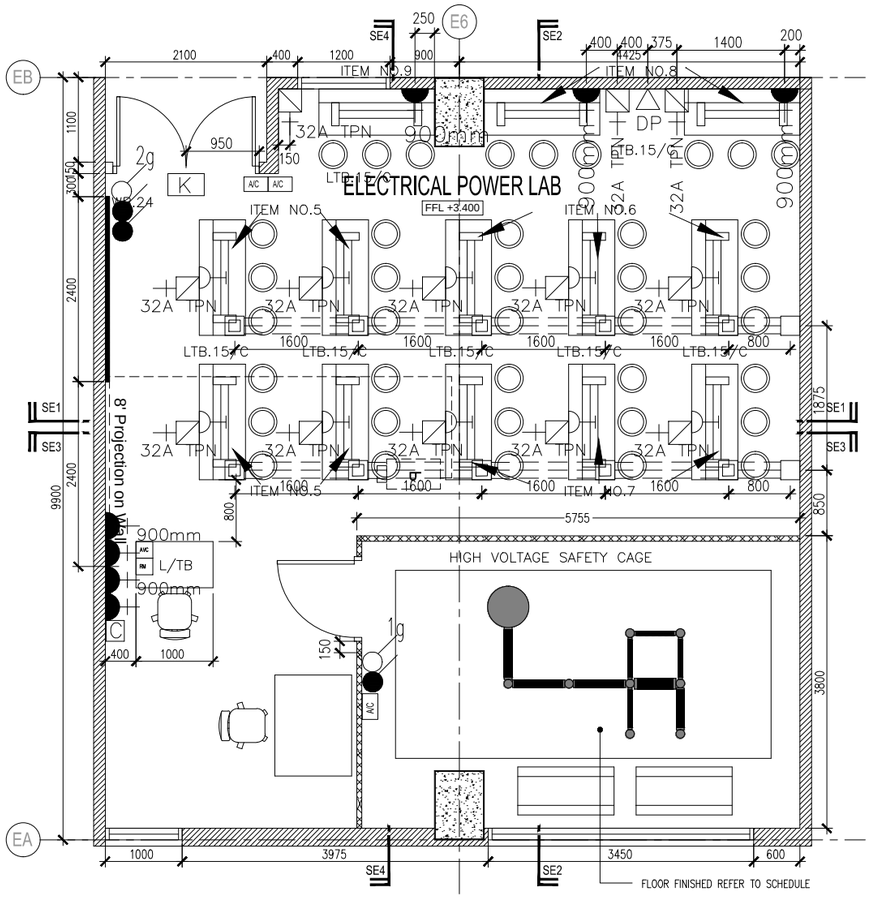

LEGEND : LAB EQUIPMENT & REQUIREMENT (BY LAB CONTRACTOR)

1. LTB.15/C:
   12x Lab Table + Console Benchtop + 3ph Main Supply Unit + Adjustable 3ph AC & DC Power Supply Unit + 1ph Main Supply Unit + Adjustable 1ph Supply Unit + BS Socket with MCB.
   Console Dimensions:
   W=180 x L=1500 x H=181mm
   Table Dimensions:
   W=600 x L=1500 x H=900mm
   Weight: 75kg/each Volt: 415V/3ph 240V/1ph
2. L/TB:
   Lecturer Table + Chair
   Dim: W=600 x L=1000 x H=750mm
   Weight: 10kg Volt: N/A
3. WB.24:
   Wall Mounted White Board
   Dim: W=1200 x L=2400
   Weight: 10kg Volt: N/A
4. HV 9000:
   High Voltage Safety Cage + Safety Ba ier (Propose Lay-out)
   Aluminium Plate Floor Dimensions:
   W=2440 x L=4880mm
   Plate Thick: 2mm
5. ITEM NO. 5:
   4x AST-Electrical Machine Trainer,Table Top
   Model: AST-XPO-EMT
   Dim: L=1170 x W=300 x H=990mm
   (Please refer RFP-11850rev-1)

   SLS:
   30x Student Lab Stools.
   Cushion seat, Black Epoxy,
   Metal leg.Min. H=550 x Max.H=870mm
   Adjustable Seat Height

6. ITEM No. 6:
   3x AST-DC Motor Coupled to DC Motor Trainer, Table Top
   Model: AST-XPO-EMT/DC+DC
   Dim: L=1170 x W=300 x H=990mm
   (Please refer RFP-11850rev-1)
7. ITEM NO. 7:
   3x AST-3 Phase AC Slip Ring Induction Motor Trainer, Table Top
   Model: AST-XPO-EMT/3SLIM
   Dim: L=1170 x W=300 x H=990mm
   (Please refer RFP-11850rev-1)
8. ITEM NO. 8:
   2x Transformer Trainer
   Dim: W=300 x L=1170 x H=545mm
   Weight: 50kg Volt: 415V/3ph 240V/1ph
9. ITEM NO. 9:
   1x Power Transmission Line Trainer
   Dim: W=300 x L=1170 x H=545mm
   Weight: 110kg Volt: 415V/3ph 240V/1ph

ARCHI NOTE:
1) ALL WORKS SHALL BE CA IED 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 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) 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,
No.1, Penang Road, 10000 Penang.
Tel: 2622628, Fax: 2641618
(Company No. AS0232772-W)

M&E CONSULANT :
PERUNDING P.L.A.
Consulting Mechanical & Electrical Engineers.
8-01, WISMA PANTAI,
JALAN WISMA PANTAI,
12200 BUTTERWORTH, PENANG.
TEL. NO. : (604) 3337990
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QS CONSULANT :
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 E_GROUND FLOOR
ELECTRICAL POWER LAB
FURNITURE LAYOUT PLAN

DATE :	SCALE :	CHECK BY :
11.03.16	1:75	EJ/EDM

PROJECT NO. :	STATUS	BLOCK	DWG. NO	REVISION
55314	CA	E	0601	A