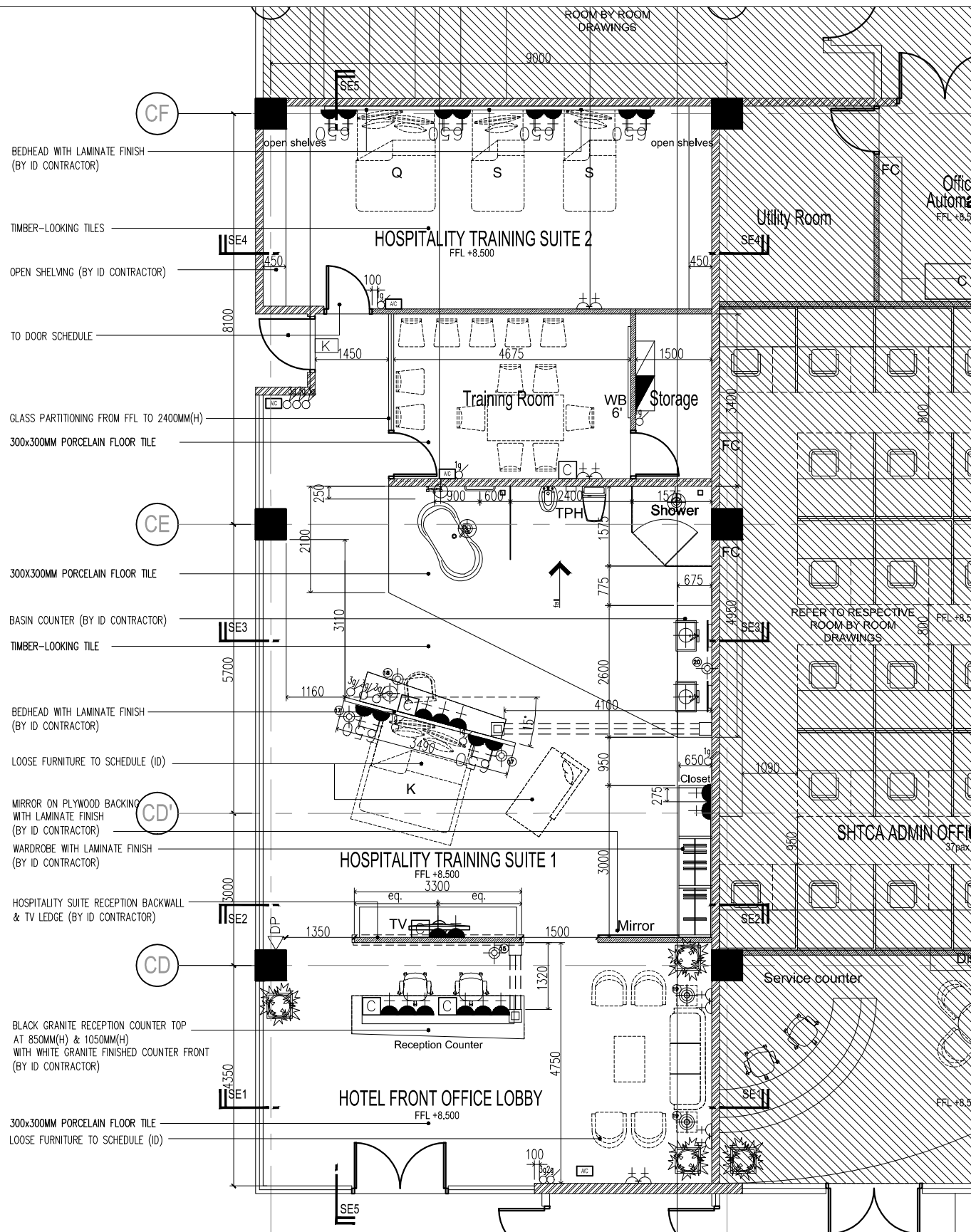




**LEGEND : ELECTRICAL INSTALLATION**

| SYMBOL | DESCRIPTION(S)                                                                                                                                                                                                                                                                    | QTY         |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|        | 2 X 28W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & DIFFUSER (ELECTRONIC BALLAST)                                                                                                                                                                                          | 6           |
|        | 1 X 11W LED DOWNLIGHT C/W DIFFUSER                                                                                                                                                                                                                                                | 33          |
|        | 1 X 14W T5 BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST. (COVE LIGHT)                                                                                                                                                                                                     | 3           |
|        | 1 X 28W T5 BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST. (COVE LIGHT)                                                                                                                                                                                                     | 26          |
|        | LIGHTING POINT FOR ID PANEL                                                                                                                                                                                                                                                       | 7           |
|        | 10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.                                                                                                                                                                                                                           | 6<br>1<br>1 |
|        | 10A 1/2/3/ GANG TWO WAY LIGHTING SWITCH AT 1450mm AFFL.                                                                                                                                                                                                                           | —<br>—<br>6 |
|        | 13A TWIN SWITCH SOCKET OUTLET AT 300mm AFFL. (UNLESS OTHERWISE STATED)                                                                                                                                                                                                            | 5           |
|        | 13A SWITCH SOCKET OUTLET AT 900mm AFFL. (UNLESS OTHERWISE STATED)                                                                                                                                                                                                                 | 25          |
|        | 13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WIFI SYSTEM                                                                                                                                                                                                                   | 2           |
|        | ELEC DISTRIBUTION BOARD AT 2100mm AFFL. (METAL CLAD, WALL MOUNTED TYPE)                                                                                                                                                                                                           | 1           |
|        | A/C DISTRIBUTION BOARD AT 2100mm AFFL. (METAL CLAD, WALL MOUNTED TYPE)                                                                                                                                                                                                            | 1           |
|        | UNDER FLOOR JUNCTION BOX ( 250mm X 250mm X 56mm ) FOR POWER, TELEPHONE & DATA CAST IN FLOOR SLAB.<br>— DATA —150mm X 25mm X 3.2mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)<br>— 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 : TELEPHONE INSTALLATION**

| SYMBOL | DESCRIPTION(S)                                                                             | QTY |
|--------|--------------------------------------------------------------------------------------------|-----|
|        | COMPUTER/DATA (1G) UTP PT. C/W SOCKET OUTLET USING CAT. 6 CABLE IN UPVC CONDUIT/CONCEALED  | 5   |
|        | WIFI POINT C/W SOCKET OUTLET AT CEILING LEVEL USING CAT 6 CABLE IN UPVC CONDUIT/CONCEALED. | 2   |

**LEGEND : FIRE INSTALLATION**

| SYMBOL | DESCRIPTION(S)                                                       | QTY |
|--------|----------------------------------------------------------------------|-----|
|        | PENDENT SPRINKLER (155°F/68°C TEMPERATURE RATING).                   | 26  |
|        | UPRIGHT SPRINKLER (155°F/68°C TEMPERATURE RATING).                   | 26  |
|        | EMERGENCY LIGHT. (SUPPLY & INSTALL BY ELECTRICAL CONTRACTOR)         | 5   |
|        | 8W KELLOW SIGN C/W SELF CONTAINED BACK UP BATTERY (3 HR.) & CHARGER. | 1   |
|        | 9 KGS ABC DRY POWDER PORTABLE FIRE EXTINGUISHER.                     | 1   |

**LEGEND : HOW WATER PLUMBING INSTALLATION**

| SYMBOL | DESCRIPTION(S)                           | QTY |
|--------|------------------------------------------|-----|
|        | 25MM PPR PN 20 SUPPLY POINT AT 200MM AFF | 3   |
|        | 32MM PPR PN 20 SUPPLY POINT AT 100MM AFF | 2   |

**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).

**M&E NOTE:**

- 1) ALL EQUIPMENT DIMENSION SHOWN IS PRELIMINARY & ACTUAL DIMENSION TO BE DETERMINED BASED ON EQUIPMENT SELECTED.
- 2) 200LUX LEVEL DESIGN FOR LOBBY, 300LUX FOR TRAINING SUIT & ROOM 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 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

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**BH YEOW ARCHITECT**  
 15TH FLOOR, BANGUNAN AMMELIFE,  
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**PERUNDING KELANA**  
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 Tel: 2622628, Fax: 2641618  
 (Company No. A59232772-W)  
**M&E CONSULTANT :**  
**PERUNDING P.L.A.**  
 Consulting Mechanical & Electrical Engineers.  
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 JALAN WISMA PANTAI,  
 12200 BUTTERWORTH, PENANG.  
 TEL. NO. : (604) 3337990  
 FAX NO. : (604) 3317337  
 E-MAIL : project@pla-group.com

**QS CONSULTANT :**  
**UNITECH**  
 UNITECH QS CONSULTANCY SDN. BHD.  
 NO. 21-1, JALAN SEMENYIH SENTRAL 1,  
 12A-A, MENARA NORTHAM,  
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**DISHES**  
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|                                                                                                                                        |                         |                             |                   |                        |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|-------------------|------------------------|
| <b>DRAWING TITLE :</b><br>BLOCK C_1ST FLOOR<br>HOTEL FRONT OFFICE LOBBY &<br>HOSPITALITY TRAINING SUITE 1 & 2<br>FURNITURE LAYOUT PLAN |                         |                             |                   |                        |
| <b>DATE :</b><br>22.03.16                                                                                                              | <b>SCALE :</b><br>1:100 | <b>CHECK BY :</b><br>EJ/EDM |                   |                        |
| <b>PROJECT NO. :</b><br>55314                                                                                                          |                         | <b>STATUS</b><br>CA         | <b>BLOCK</b><br>C | <b>DWG. NO</b><br>1001 |
|                                                                                                                                        |                         | <b>REVISION</b><br>A        |                   |                        |