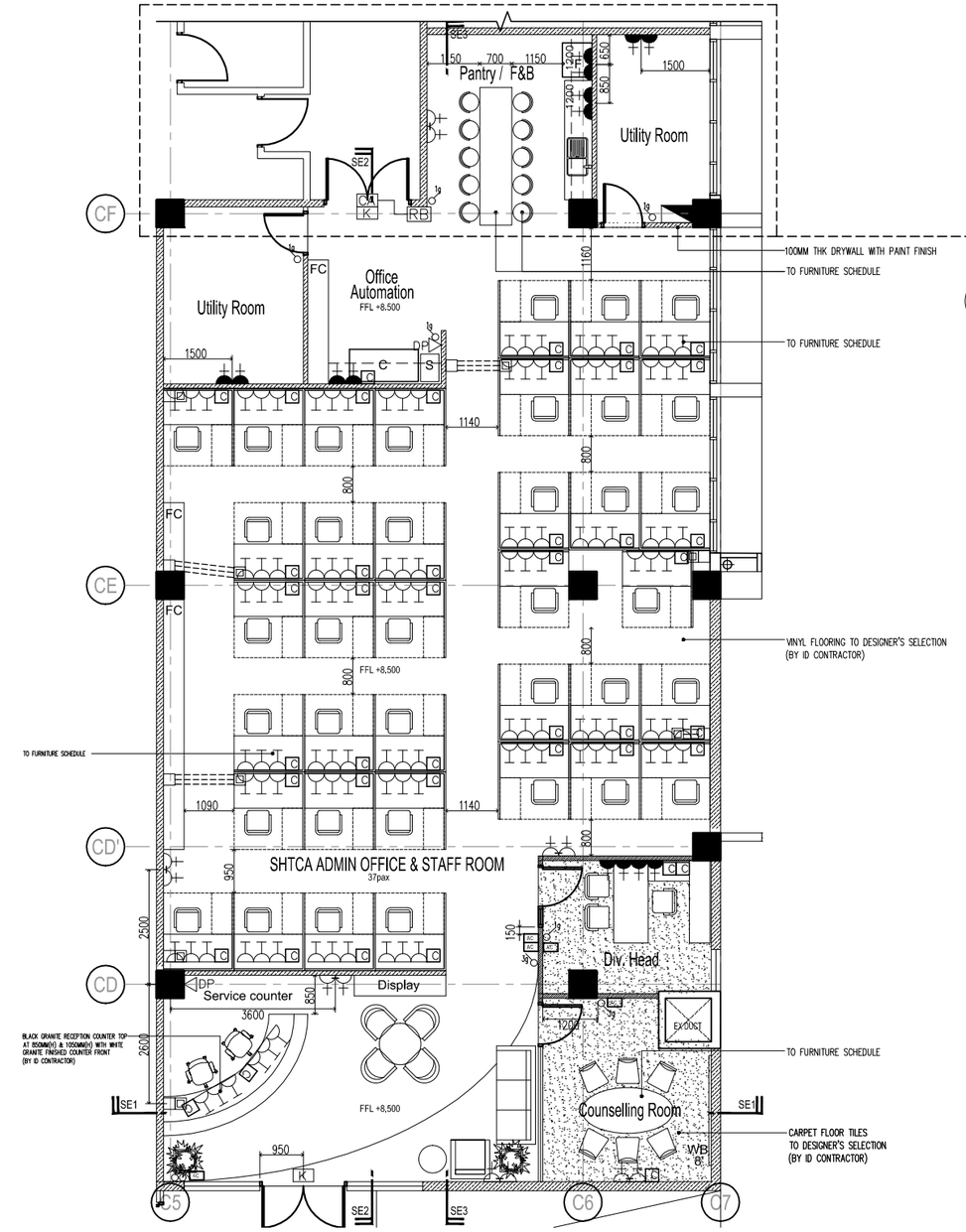

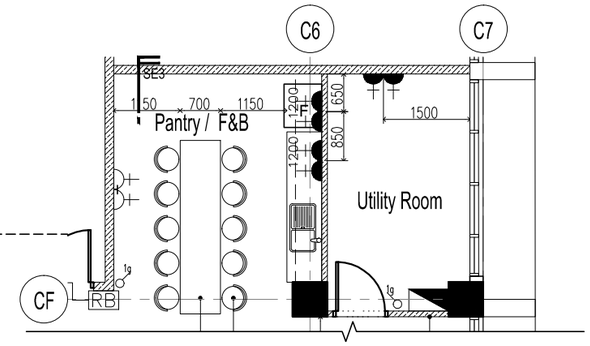

LEGEND : ELECTRICAL INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	2 X 28W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & DIFFUSER (ELECTRONIC BALLAST)	34
	2 X 14W RECESSED TYPE T5 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUM CROSS BLADE. (ELECTRONIC BALLAST)	1
	1 X 11W LED DOWNLIGHT C/W DIFFUSER	10
	1 X 28W BARE CHANNEL T5 FLUO. FTG. C/W METAL REFLECTOR (ELECTRONIC BALLAST)	–
	1 X 28W T5 BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST. (COVE LIGHT)	4
	1 X 14W T5 BARE CHANNEL FLUO. LIGHT FTG. C/W ELECTRONIC BALLAST. (COVE LIGHT)	1
	LIGHTING POINT FOR ID PANEL	–
	10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	6 2 1
	10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFFL.	– – –
	13A TWIN SWITCH SOCKET OUTLET AT 300mm AFFL.	6
	13A SWITCH SOCKET OUTLET AT 900mm AFFL (UNLESS OTHERWISE STATED).	14
	13A SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED BELOW TABLE TOP/ LOW HEIGHT PARTITION.	117
WF	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WIFI SYSTEM	1
	ELEC DISTRIBUTION BOARD AT 2100mm AFFL. (METAL CLAD, WALL MOUNTED TYPE)	1
	A/C DISTRIBUTION BOARD AT 2100mm AFFL. (METAL CLAD, WALL MOUNTED TYPE)	–

LEGEND : TELEPHONE INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
C	COMPUTER/DATA (1G) UTP PT. C/W SOCKET OUTLET USING CAT. 6 CABLE IN UPVC CONDUIT/CONCEALED	43
	WIFI POINT C/W SOCKET OUTLET AT CEILING LEVEL USING CAT 6 CABLE IN UPVC CONDUIT/CONCEALED.	1
CA RB	CARD ACCESS C/W READER	1

LEGEND : FIRE INSTALLATION

SYMBOL	DESCRIPTION(S)	QTY
	PENDENT SPRINKLER (155T/68°C TEMPERATURE RATING).	37
	UPRIGHT SPRINKLER (155T/68°C TEMPERATURE RATING).	34
EL	EMERGENCY LIGHT. (SUPPLY & INSTALL BY ELECTRICAL CONTRACTOR)	6
K	8W KELUAR SIGN C/W SELF CONTAINED BACK UP BATTERY (3 HR.) & CHARGER.	2
	9 KGS ABC DRY POWDER PORTABLE FIRE EXTINGUISHER.	2

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, 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.

M&E NOTE:
1) ALL EQUIPMENT DIMENSION SHOWN IS PRELIMINARY & ACTUAL DIMENSION TO BE DETERMINED BASED ON EQUIPMENT SELECTED.
2) 300LUX 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 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

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TEL: (30)–4046–1346
FAX: (03) 4043–1349
EMAIL: ybhwa@nrasb.com.my

ARCHITECT SIGNATURE :
.....

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PERUNDING KELANA
CIVIL & STRUCTURAL ENGINEERS
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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

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webmail : www.dishes.com.my

DRAWING TITLE :
BLOCK C_1ST FLOOR
SHTCA ADMIN OFFICE & STAFF ROOM
FURNITURE LAYOUT PLAN

DATE :	SCALE :	CHECK BY :
20.01.16	1:100	EJ/EDM

PROJECT NO. :	STATUS	BLOCK	DWG. NO	REVISION
55314	CA	C	H001	A