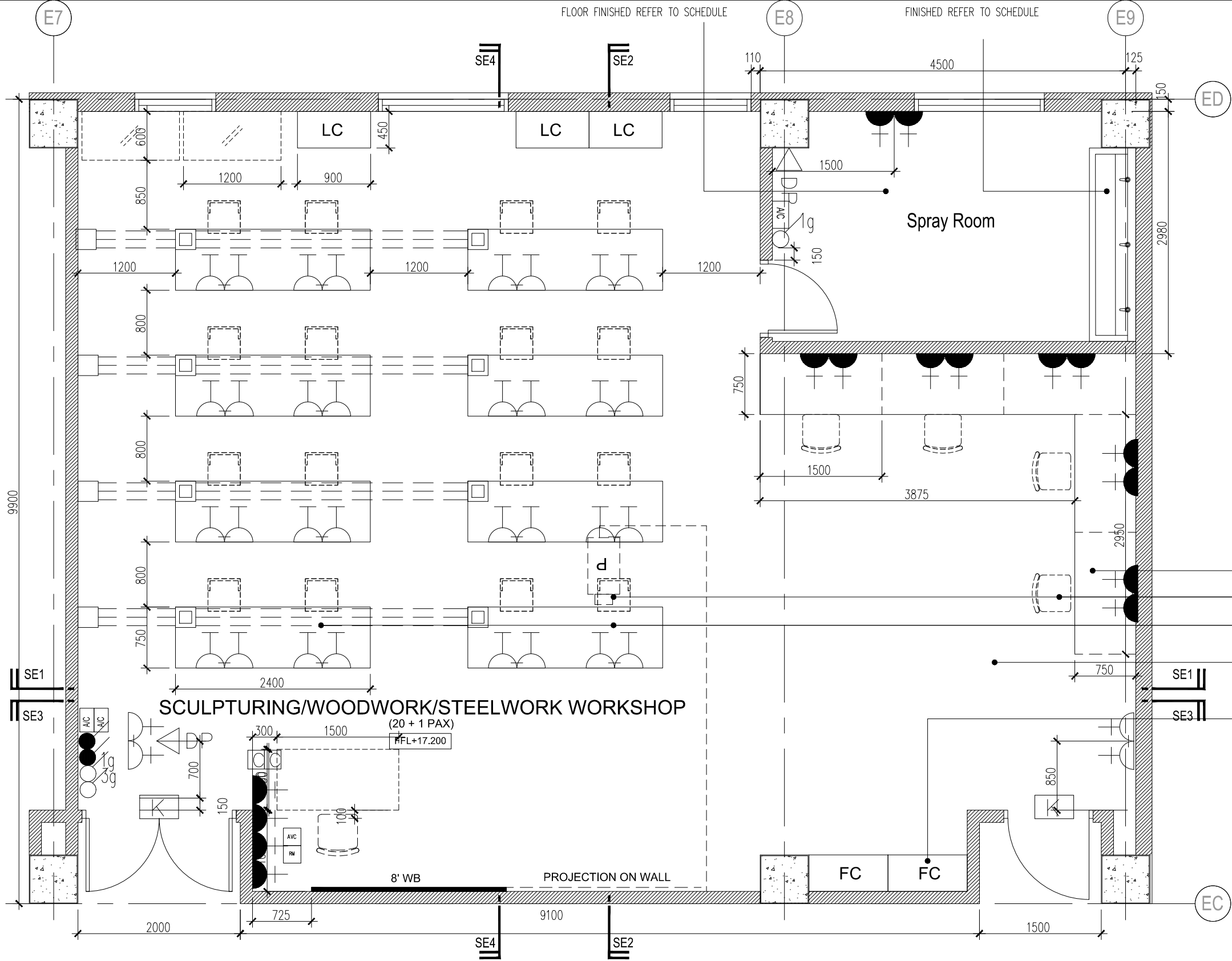




LEGEND : ELECTRICAL INSTALLATION		
SYMBOL	DESCRIPTION(S)	QTY
	2 X 28W RECESSED TYPE 15 FLUO. FTG. C/W MIRROR REFLECTOR & ALUMINIUM CROSS BLADE (ELECTRONIC BALLAST)	18
	10A 1/2/3/ GANG ONE WAY LIGHTING SWITCH AT 1450mm AFL.	2
	13A TWIN SWITCH SOCKET OUTLET AT 300mm AFL.	1
	13A TWIN SWITCH SOCKET OUTLET AT 1000mm AFL. (UNLESS OTHERWISE STATED)	2
	13A TWIN SWITCH SOCKET OUTLET (RUN IN FLOOR TRUNKING) MOUNTED AT TABLE / LOW HEIGHT PARTITION. (ACTUAL POSITION TO BE DETERMINE ON SITE)	8
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR PROJECTOR	16
	13A SWITCH SOCKET OUTLET AT ABOVE CEILING LEVEL FOR WFI SYSTEM	1
	13A SWITCH SOCKET OUTLET AT BELOW CEILING LEVEL FOR SPEAKER	1
	20A 1 GANG ONE WAY DOUBLE POLE SWITCH (FOR PROJECTOR & SPEAKER)	2
	25mm PVC CONDUIT FOR AUDIO AND VISUAL C/W INSPECTION BOX (BY ELECTRICAL CONTRACTOR)	2
	UNDER FLOOR JUNCTION BOX (250mm X 250mm X 56mm) FOR POWER, TELEPHONE & DATA CAST IN FLOOR SLAB.	AS SHOWN
	150mm X 25mm X 3.2mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN
	150mm X 25mm X 3.2mm UNDERFLOOR UPVC TRUNKING/CONDUIT. (CAST IN FLOOR SLAB)	AS SHOWN
	150mm X 25mm METAL TRUNKING DROPPER	AS SHOWN

LEGEND : ACMV INSTALLATION		
SYMBOL	DESCRIPTION(S)	QTY
	SUPPLY AIR GRILLE (600 X 600 UNLESS OTHERWISE STATED)	10
	4 WAY TYPE C/W OPPOSED BLADE VOLUME CONTROL DAMPER (UNLESS OTHERWISE STATED)	5
	600mm X 600mm RETURN AIR GRILLE	1
	600mm X 600mm EXHAUST AIR GRILLE	1
	FAN COIL UNIT (FCU)	2
	EXHAUST FAN (WALL MOUNTED PROPELLER TYPE)	—
	300mm X 300mm FRESH AIR GRILLE C/W VOLUME CONTROL DAMPER	2
	PLENUM BOX	2
	CHILLED WATER CEILING CASSETTE	1
	A/C CONTROL MODULE	3
	EXHAUST FAN	1

LEGEND : AUDIO/VISUAL SYSTEM		
SYMBOL	DESCRIPTION(S)	QTY
	HDMI & AUDIO INPUT PANEL	1
	REMOTE MIXER (MIC INPUT & VOLUME CONTROL)	1
	3 WAYS ACTIVE SPEAKER (TO AUDIO & VISUAL DETAILS)	2
	3000 ANSI LUMENS WGA 3:1 PROJECTOR (TO AUDIO & VISUAL DETAILS)	1
	PROJECTOR SUPPORT SUPPLIED BY MAIN CONTRACTOR	

- WOODWORK/STEELWORK COUNTER WITH CABINET BELOW
(BY ID CONTRACTOR)
- TO LOOSE FURNITURE SCHEDULE (ID)
- 2400X750X750(H)MM CUSTOMIZED LONG TABLE IN SOLID WOOD
(BY ID CONTRACTOR)
- FLOOR FINISHED REFER TO SCHEDULE.
- METAL CABINET TO LOOSE FURNITURE SCHEDULE (ID)

- 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.
 - 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) 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 DRAWINGS.
 - 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.
 - 7) CONCEALED CONDUIT SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR FOR AUDIO & VISUAL SERVICES.

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	DESIGN ARCHITECT : ARCHITECTURE GROUP - STUDIO A CPG CONSULTANTS PTE LTD 1 Gateway Drive #23-01 Westgate Tower, Singapore 608531 Tel : +63574888 ; fax: +63574188 BH YEOW ARCHITECT 15TH FLOOR, BANGUNAN AMMELIFE, NO.1, JLN. LUMUT, 50400 KUALA LUMPUR. TEL: (30)-4046-1346 FAX: (03) 4043-1349 EMAIL: yehwo@nrasb.com.my	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 : PERUNDING P.L.A. 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 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_3RD FLOOR SCULPTURING/WOODWORK/ STEELWORK WORKSHOP FURNITURE LAYOUT PLAN				
					DATE : 09.05.16	SCALE : 1:50	CHECK BY : EJ/EDM		
					PROJECT NO. : 55314	STATUS CA	BLOCK E	DWG. NO T401	REVISION A