

ELECTRICAL DRAWINGS

LIGHTING PLANS
E1 MAIN FLOOR - LIGHTING PLAN

POWER & SYSTEMS PLANS
E2 MAIN FLOOR - POWER PLAN
E3 MAIN FLOOR - SOUND MASKING PLAN

SYMBOL LEGEND

HT AFF	SYMBOL	DESCRIPTION
		LIGHTING
		RECESSED LIGHT (TYPE DENOTED)
2440 mm		EMERGENCY BATTERY LIGHT (TYPE DENOTED)
		EMERGENCY LIGHT - DOUBLE REMOTE HEAD
300 mm*		EXIT SIGN (TYPE DENOTED)
1190 mm		SINGLE POLE SW.
1190 mm		3-WAY SW.
1190 mm		DIMMER SWITCH
1190 mm		OCCUPANCY SENSOR SWITCH
		GENERAL ELECTRICAL
		LIGHT SYMBOL INDICATES EXISTING
		DASHED SYMBOL INDICATES REMOVED
		KEYED NOTE (SEE SCHEDULE)
		DEMOLITION NOTE (SEE SCHEDULE)

LIGHTING FIXTURE SCHEDULE

TYPE	Description	LENS-LOUVER	MOUNTING	LAMP	BALLAST	VOLT	WATT	MFR	CATALOG SERIES	NOTE
ELB24	DOUBLE HEAD EMERGENCY LIGHTING REMOTE		WALL	---	---	12 V	8 W	---	---	1, 2
EX2	BILINGUAL RED LETTER "EXIT" STYLE EXIT SIGN	---	UNIVERSAL	---	---	120 V	3 W	---	---	
RF1	610mm x 1220mm (2' X 4') FLUORESCENT	---	RECESSED IN T-BAR	4 X 32W T8	---	347 V	128 W	COOPER	2GP432A123-347-LE OC8	2
RF2	610mm x 1220mm (2' X 4') FLUORESCENT	---	RECESSED IN T-BAR	4 X 32W T8	---	347 V	128 W	COOPER	2GP432A125-347-LE OC8	2
RF4	610mm x 610mm (2' X 2') FLUORESCENT	---	RECESSED IN T-BAR	4 X 26W T8	---	120 V	104 W	HALO	H7T-426C	2
RL5	6" DIAMETER, 45 DEGREE BEAM MEDIUM DISTRIBUTION LED DOWNLIGHT, WHITE TRIM	MATTE-DIFFUSE	RECESSED	LED 1000lm 4000K 50000 HR	(1) LED DRIVER 0-10V DIMMING	120 V	12 W			3
RL6	8" x 8" DIRECT/INDIRECT CURVE SUSPENDED (300mm FROM FALSE CEILING) LED WITH BUILT-IN OCCUPANCY SENSOR, 70 DOWN/ 30 UP, POWDER COATED MATTE WHITE, WITH FIVE YEAR WARRANTY	ACRYLIC DIFFUSERS	SUSPENDED	LED 6000lm 4000K 570000 HR	(1) LED DRIVER 0-10V DIMMING	120 V	50 W			3

BALLAST TYPES:

IS-LBF	INSTANT START LOW BALLAST FACTOR	PS-LBF	PROGRAMMED START LOW BALLAST FACTOR	ARD-NBF	ARCHITECTURAL DIMMING, 3-WIRE, 1-100%
IS-NBF	INSTANT START NORMAL BALLAST FACTOR	PS-NBF	PROGRAMMED START NORMAL BALLAST FACTOR	ESD-NBF	ENERGY SAVING DIMMING, 2-WIRE, 5-100%
IS-HBF	INSTANT START HIGH BALLAST FACTOR	PS-HBF	PROGRAMMED START HIGH BALLAST FACTOR	DHD-NBF	DAYLIGHT HARVESTING DIMMING, 0-10 VDC, 5-100%
RS-NBF	RAPID START NORMAL BALLAST FACTOR	PS-NBF-2	PROGRAMMED START NORMAL BALLAST FACTOR 2-STEP		

SCHEDULE NOTES:

- ADJUST OPTICS FOR WIDE DISTRIBUTION.
- EXISTING.
- FIXTURES MUST BE SUBMITTED FOR APPROVAL PRIOR TO BID SUBMISSION.

LIGHTING CONTROL DEVICE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG No.	NOTES
OS1	CORNER MOUNTED 120 DEGREE WIDE VIEW SENSOR SWITCH, LOW VOLTAGE WITH DUAL TECHNOLOGY, BRACKET KIT INCLUDED.	---	---	1
OS2	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH - LINE VOLTAGE.	---	---	1, 2
OS3	INFRARED OCCUPANCY SENSOR, CEILING MOUNTED 360° COVERAGE, 2.7 METER RADIUS.	---	---	1, 2
SW1	LOW VOLTAGE WALL MOUNTED ON/OFF AND RAISE/LOWER CONTROL.	---	---	1
SW2	LOW VOLTAGE WALL MOUNTED ON/OFF CONTROL.	---	---	1

SCHEDULE NOTES:

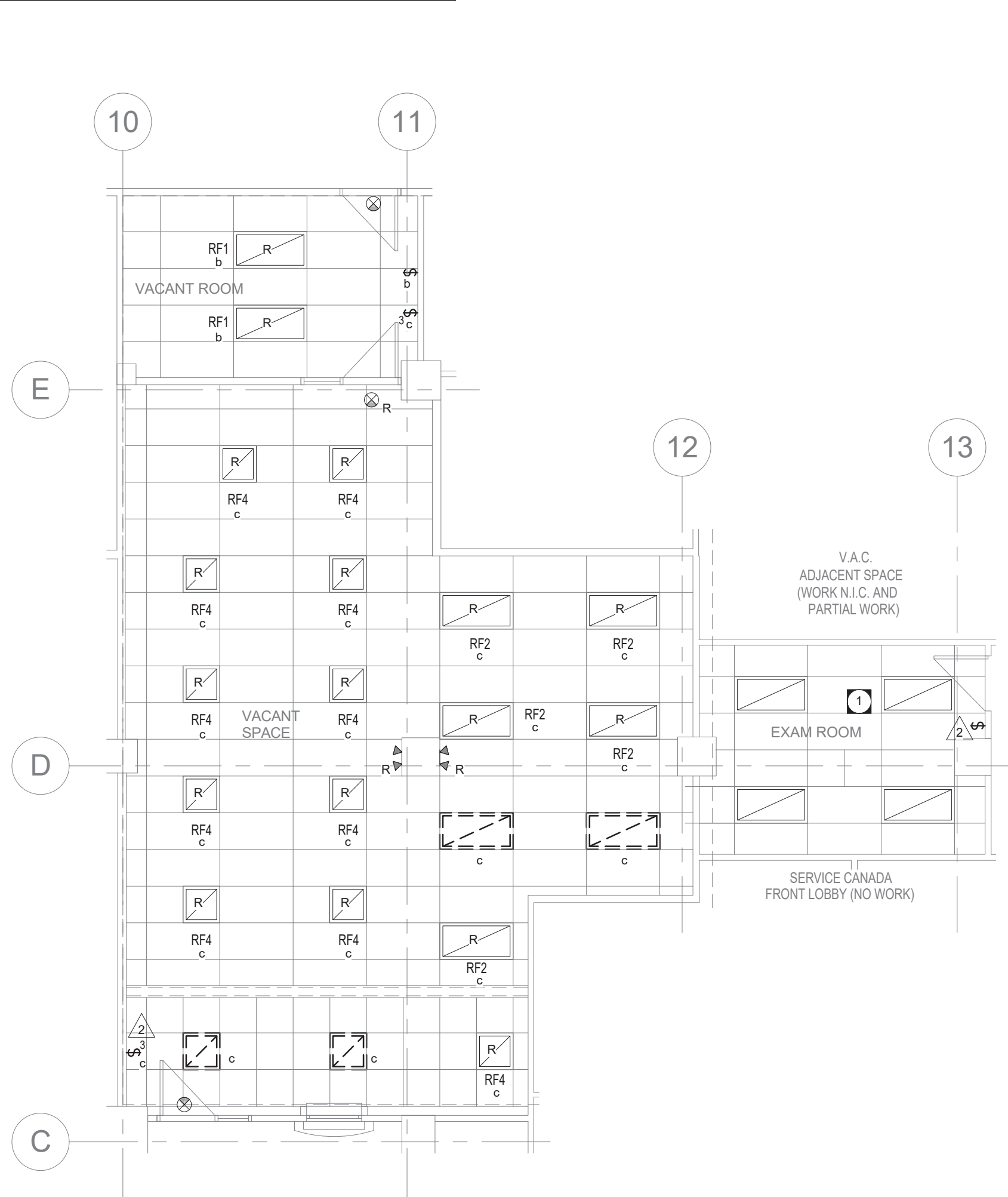
- PROVIDE DEVICE TO MATCH OPERATING VOLTAGE OF LOADS CONTROLLED.
- PROVIDE 24 VDC POWER PACK WITH INPUT TO MATCH LIGHTING FIXTURE VOLTAGE. SWITCHING CONTACT RATED FOR 20A BALLAST.

GENERAL NOTES

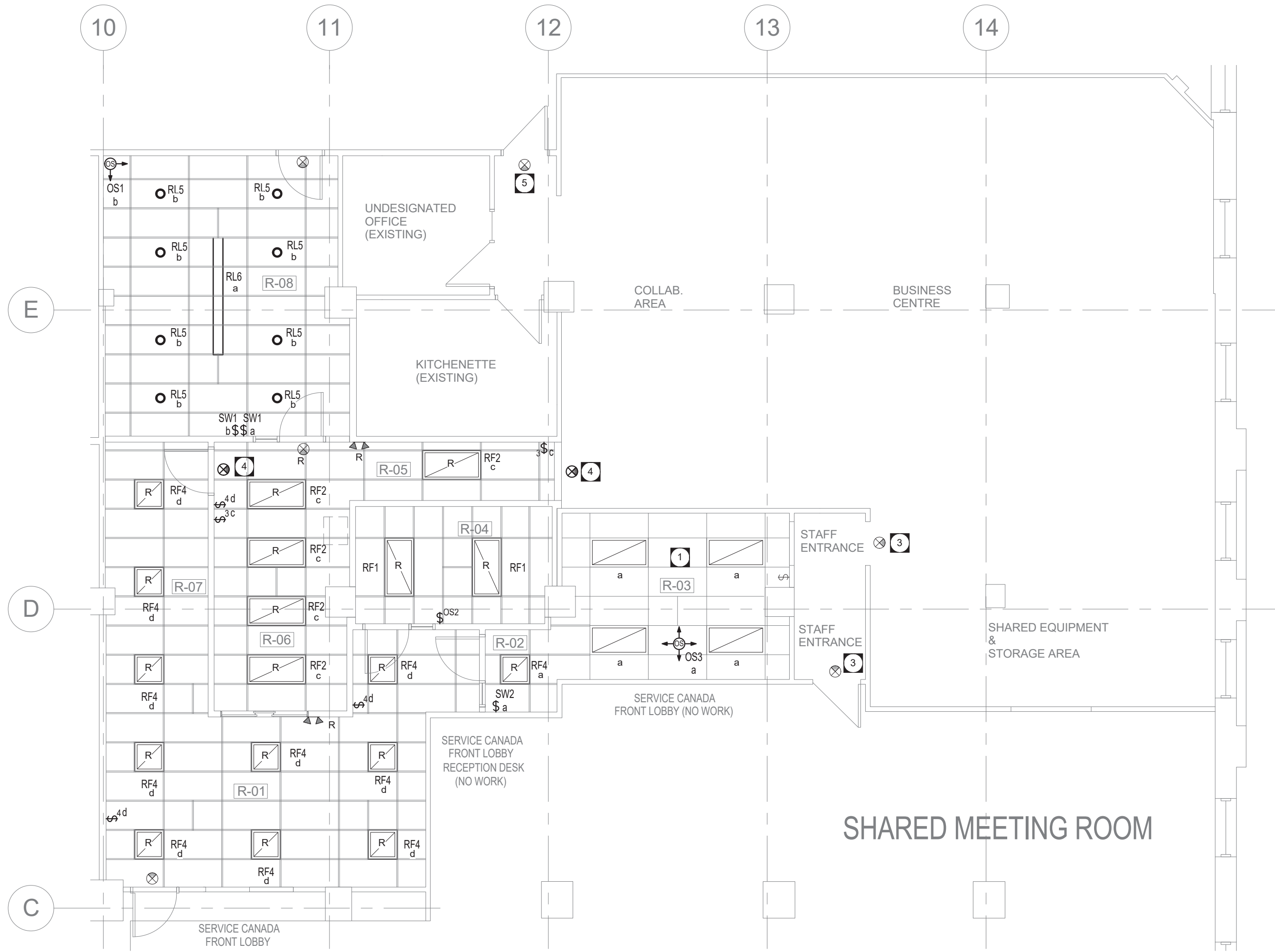
- ALL RECESSED LIGHTING FIXTURES IN LAY-IN CEILINGS SHALL BE INSTALLED WITH 6' LONG FLEXIBLE METAL CONDUIT.
- CONNECT NEW AND RELOCATED LIGHT FITTINGS TO EXISTING CIRCUITS.
- ON DEMO DRAWING "R" DENOTES RELOCATION.
- WALL SWITCH COVER PLATE SHALL BE STAINLESS STEEL.

DEMOLITION & RENOVATION KEY...

- RETAIN EXISTING LIGHTING IN EXAM ROOM.
- DEMOLISH EXISTING LIGHT SWITCH, PULL WIRES BACK TO SOURCE.
- PHASE 1 EXISTING BILINGUAL RED LETTER EXIT SIGN.
- PROVIDE NEW EXIT SIGN, TO MATCH EXISTING.
- REMOVE EXISTING EXIT SIGN.



1 MAIN FLOOR PLAN - LIGHTING DEMO
E1 SCALE: 1 : 75



2 MAIN FLOOR PLAN - LIGHTING RENO
E1 SCALE: 1 : 75



Revision	Description	Date
O	ISSUED FOR CONSTRUCTION	16/10/05

Client: VETERANS AFFAIRS CANADA

Project title: BRANDON FEDERAL BUILDING
MAIN FLOOR -1039 PRINCESS AVENUE

VAC BRANDON FIT-UP

Designed by	Conçu par
JA	
Drawn by	Dessiné par
JA	
Approved by	Approuvé par
MP	
PWGSC Project Manager	Administrateur de Projets TPSGC
APRIL REID	
Drawing title	Titre du dessin

MAIN FLOOR - LIGHTING PLAN

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.080396.009	E1	O