

GENERAL NOTES:

1. MAINTAIN THE INTEGRITY OF ALL EXISTING SYSTEMS REQUIRED TO REMAIN OPERATIONAL. IDENTIFY ALL CIRCUIT BREAKERS, WIRING, JUNCTION BOXES AND DEVICES PRIOR TO PROCEEDING WITH WORK. CONTACT DEPARTMENTAL REPRESENTATIVE IF UNSURE BEFORE SHUTDOWNS, DEMOLITION, OR RELOCATION OF ANY DEVICES.
2. ALL ITEMS SHOWN DASHED WITH AN 'E' ARE EXISTING AND ARE TO REMAIN. ITEMS SHOWN DASHED WITH A 'D' ARE TO BE DISCONNECTED AND DEMOLISHED/REMOVED AND TRANSPORTED TO DESIGNATED SITE TO BE CONFIRMED BY DEPARTMENTAL REPRESENTATIVE. INCLUDE ALL COSTS IN BASE BID. REMOVE AND HAVE ALL ASSOCIATED WIRE AND CONDUIT REMOVED BACK TO SOURCE.
3. EXTEND, RE-ROUTE, RE-WIRE AND RE-CONNECT ALL EXISTING DEVICES TO BE RELOCATED.
4. WIRE AND CONDUIT SERVING DEVICES REQUIRED TO REMAIN IN USE SHALL BE RE-ROUTED AND DIVERTED AS REQUIRED TO MAINTAIN OPERATION. EXTEND, RE-ROUTE, RE-WIRE AND RE-CONNECT CIRCUITS. CONFIRM EXISTING ON SITE.
5. NOT ALL DEVICES AND ELECTRICAL EQUIPMENT IS BEING SHOWN ON ELECTRICAL DRAWINGS. REMOVE ALL EXISTING ELECTRICAL DEVICES SHOWN OR NOT LOCATED ON INDICATED WALLS OR PORTIONS OF THE BUILDING BEING DEMOLISHED OR MODIFIED. MAINTAIN INTEGRITY OF ALL EXISTING ELECTRICAL SYSTEMS IN AREAS NOT INCLUDED IN THIS PROJECT AND IN PARTS OF THE BUILDING WITHIN RENOVATION THAT ARE NOT SUBJECT TO ANY DEMOLITION WORK.
6. REFER TO SYMBOL SCHEDULE FOR ELECTRICAL SYMBOLS AND LETTER DESIGNATIONS.
7. EXISTING LUMINAIRES IN AREAS NOT DIRECTLY INCLUDED IN RENOVATION AREA TO REMAIN.
8. REPORT ANY DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND SITE OBSERVATION TO DEPARTMENTAL REPRESENTATIVE.
9. COORDINATE FINAL LOCATION OF LUMINAIRES WITH ALL OTHER TRADES.
10. SYSTEMS AND DEVICES IN AREAS OF LIMITED SCOPE OF WORK ARE TO REMAIN OPERATIONAL. PROVIDE ALL MODIFICATIONS TO ACCOMMODATE SCOPE OF WORK.
11. PROVIDE NEW BLANK STAINLESS STEEL COVERPLATES FOR ALL ABANDONED OUTLETS.
12. ALL EXISTING DEVICES ON WALLS, FLOOR OR CEILING NOT BEING AFFECTED BY RENOVATION ARE TO REMAIN.
13. SUPPLY AND INSTALL NEW FIRE ALARM STROBE AND BELL STROBE TO MATCH EXISTING. WIRE AND CONNECT BACK TO EXISTING LOCAL FIRE ALARM INDICATING CIRCUIT BACK TO EXISTING FIRE ALARM CONTROL PANEL. PROVIDE ALL REQUIRED MODULES, BOOSTER PANELS MODIFICATIONS TO PANEL. CONFIRM EXISTING ON SITE.
14. PROVIDE FIRE ALARM VERIFICATION FOR ALL AFFECTED CIRCUITS AND DEVICES.
15. PROVIDE RIVETTED LAMACOID ON ALL HK RECEPTACLES INDICATING "HOUSEKEEPING."
16. ALL VOICE AND DATA CONDUITS TO BE 27mm UNLESS OTHERWISE NOTED.
17. PROVIDE 2 CATEGORY CABLES PER VOICE/DATA OUTLET. TERMINATE CABLE IN RJ-45 JACK AT BOTH ENDS. PROVIDE FACEPLATE. USE EXISTING AVAILABLE EMPTY PORT ON EXISTING PATCH PANEL.
18. COORDINATE LIGHTING LUMINAIRE LOCATIONS WITH SPRINKLER HEADS LOCATIONS.



Association of Professional Engineers & Geoscientists of Saskatchewan
CERTIFICATE OF AUTHORIZATION
HDK Consulting Incorporated
Number 30340

Discipline: ELECTRICAL
Permitted to Consult held by: Sk. Reg. No. 26785
Signature: [Signature]

Revision	Description	Date
5		
4		
3		
2	ISSUED FOR CONSTRUCTION	2017/06/09
1	90% CONSTRUCTION DOCUMENT	2017/03/27
0	50% CONSTRUCTION DOCUMENT	2017/02/17

Client: _____

CORRECTIONAL SERVICES CANADA
SASKATOON, SASKATCHEWAN

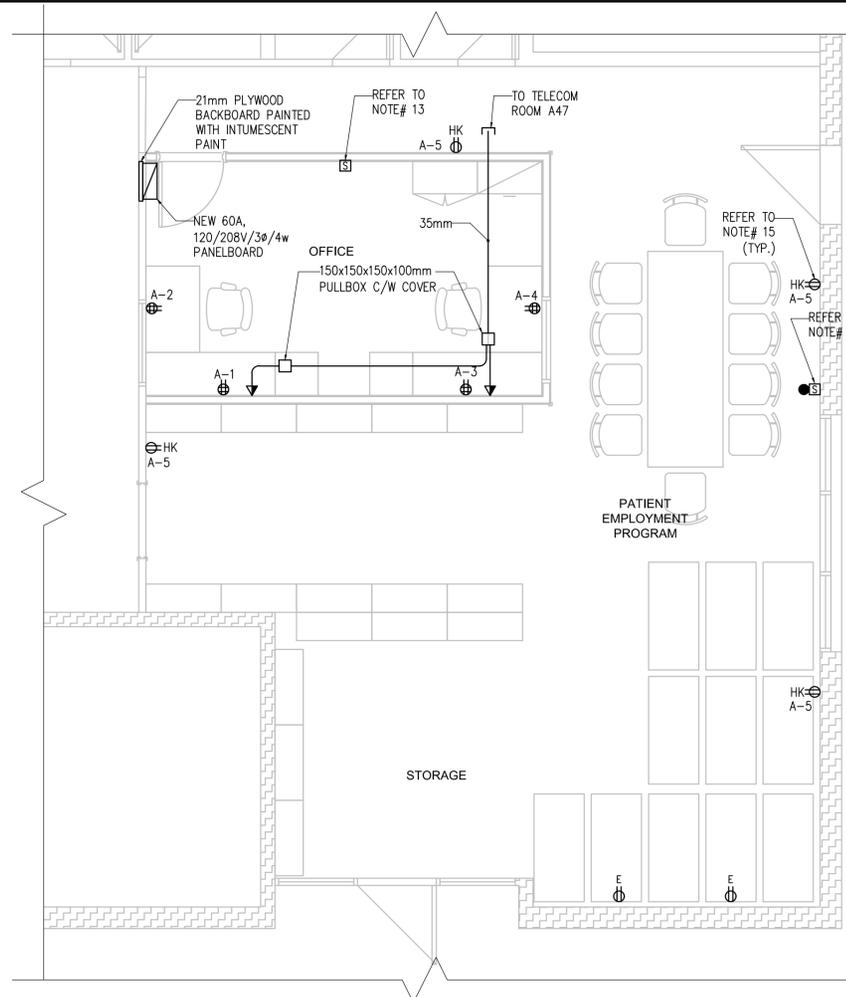
Project title: **Correctional Service Canada (CSC) Regional Psychiatric Centre**

Kitchen/Dining Renovations

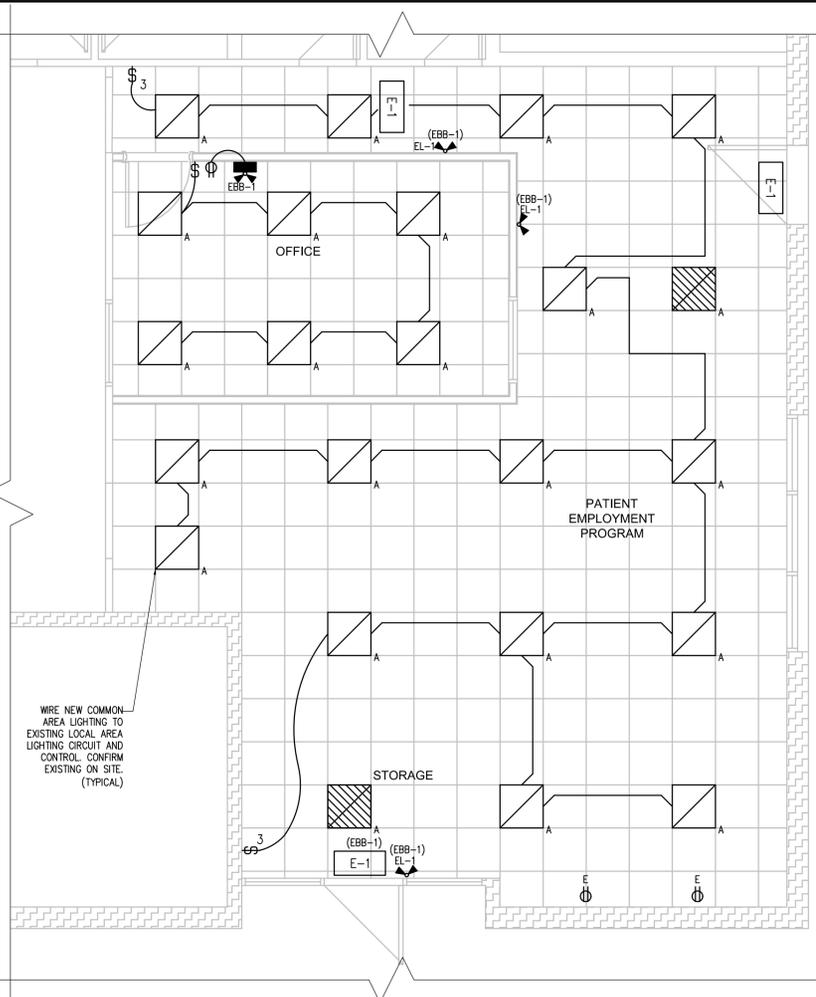
Designed by: PL
Drawn by: IS
Approved by: HCC
BRET WARD
Project Manager / Administrateur de Projets TPSGC

Drawing title: **PARTIAL KITCHEN/DINING AREA NEW LIGHTING AND POWER LAYOUTS, NOTES, SINGLE LINE DIAGRAM AND SCHEDULE**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.079453.001	E2	2



1 KITCHEN NEW POWER LAYOUT
E2 / SCALE 1:50



2 KITCHEN NEW LIGHTING LAYOUT
E2 / SCALE 1:50

REMOTE HEADS SCHEDULE

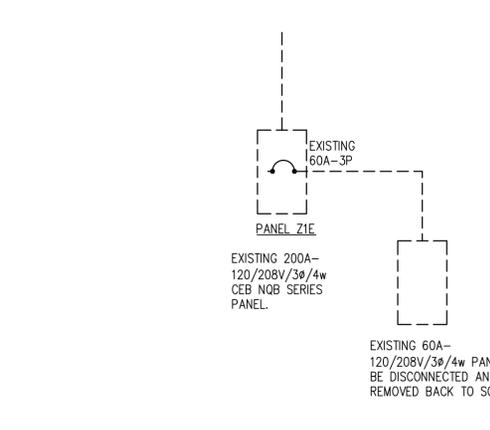
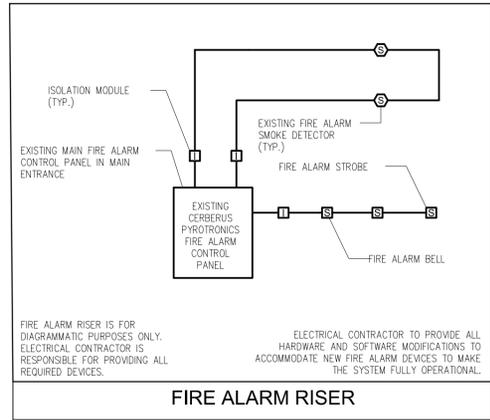
TYPE	MANUFACTURER	CATALOGUE NUMBER	LAMPS
EL-1	LUMACELL	MQM-2-LD9-BLK	2x5W MR16 LED
	AIMLITE	RMMD-2-12-5W-LA-BLK	
	BEGHELLI	SR-2-MR16-LED-SW	

EMERGENCY LIGHTING BATTERY BANK SCHEDULE

TYPE	MANUFACTURER	CATALOGUE NUMBER	WATTAGE	CIRCUIT NUMBER	LOCATION	LAMPS
EBB-1	LUMACELL	RG12S-72-2-LD9-A-AT-BLK	72W	LOCAL LIGHTING CIRCUIT	OFFICE	2x5W MR16 LED
	AIMLITE	EBST-12-72-2MD-5LA-BLK-AMP-ATR				
	BEGHELLI	NV-12-72-2-SR-LED-MR16-5W-AT-A-BLK				

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOGUE NUMBER	LAMPS	WATTS	LUMINAIRE STYLE	VOLTAGE	COMMENTS
A	LEDALITE	421D1STL8BES71E	LED 3500K	30W	RECESSED	120V	
	LUMENWERX	NOVRF22PMOHLORDB0320035120D1		30W			
	AXIS LIGHTING	DIALED22B330008035LV1W20D1TBXX		30W			
E-1	LUMACELL	LMCE-1B6L-UNIV	LED	3.5W	EGRESS SIGN	120V	
	AIMLITE	EXST-B6L-1-W-ES-WHT-UNVDC		3.2W			
	BEGHELLI	SL-B6L-ES-L-R-1-W-UDC		2W			

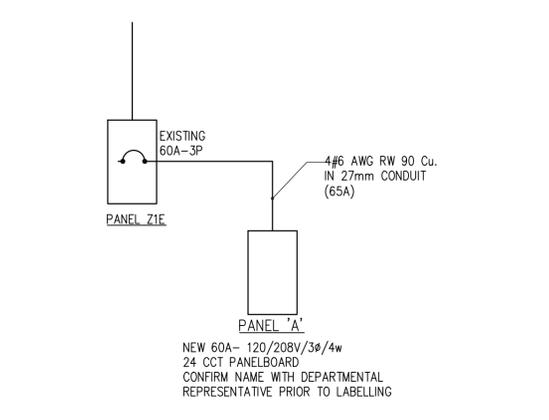


4 EXISTING/DEMOLITION PARTIAL KITCHEN SINGLE LINE DISTRIBUTION DIAGRAM
E2 / NTS

PANELBOARD DIRECTORY 'A'

ITEM	LOAD (kW)	OCB	C	C	ITEM	LOAD	OCB
WORKSTATION	1.00	15A	1	2	WORKSTATION	1.00	15A
WORKSTATION	1.00	15A	3	4	WORKSTATION	1.00	15A
HOUSEKEEPING REC'S (x4)	0.80	15A	5	6	NIGHT LIGHT		
SPARE		15A	7	8	EXIT LIGHT		
SPARE		15A	9	10	SPACE		
SPARE		15A	11	12	SPACE		
SPACE			15	16	SPACE		
SPACE			17	18	SPACE		
SPACE			19	20	SPACE		
SPACE			21	22	SPACE		
SPACE			23	24	SPACE		

MOUNTING: SURFACE
RATING: 60A, 120/208V/3Ø/4W



5 MODIFIED SINGLE LINE DISTRIBUTION DIAGRAM
E2 / NTS