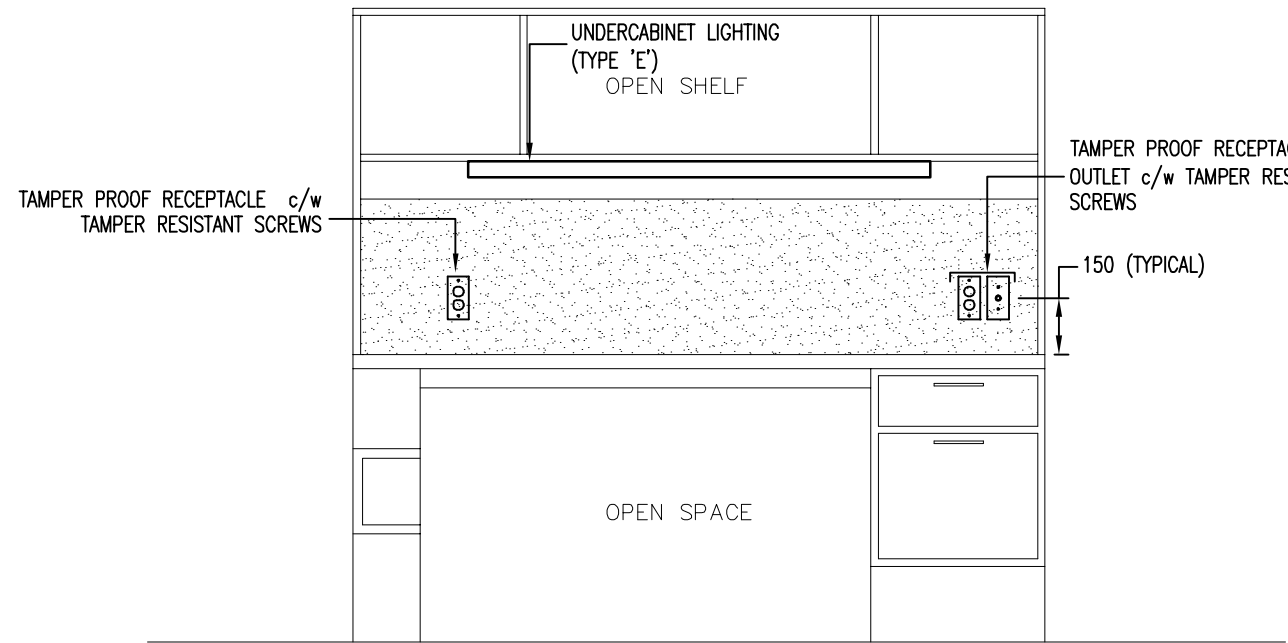


MOTOR SCHEDULE													
NO.	EQUIPMENT	LOCATION	POWER	VOLT	PHASE	FLA	SOURCE PANEL	OCPD	FEEDERS SIZE	STARTER	SIZE	CONTROLS	REMARKS
HRV-1	HEAT RECOVERY VENTILATOR	ATTIC SPACE	0.16 kW	240	1	0.7	PANEL 'A'	2P-15A CB	2#12#L + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.
HRV-2	HEAT RECOVERY VENTILATOR	ATTIC SPACE	0.16 kW	240	1	0.7	PANEL 'B'	2P-15A CB	2#12#L + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.
DWH-1	HOT WATER HEATER (BLOWER)	SERVICES RM. 115	0.3 kW	120	1	2.2	PANEL DP1*	1P-15A CB	2#12#L + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.
DWH-1	HOT WATER HEATER (IGNITER)	SERVICES RM. 115	0.5 kW	120	1	4.0	PANEL DP1*	1P-15A CB	2#12#L + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.
PHC-1	PRE-HEAT COIL	ATTIC SPACE	2 kW	240	1	9.0	PANEL 'A'	2P-15A CB	2#12#L + GND IN 21mmC			BY MECH.	CONTROLS BY MECH. CONTRACTOR
PHC-2	PRE-HEAT COIL	ATTIC SPACE	2 kW	240	1	9.0	PANEL 'B'	2P-15A CB	2#12#L + GND IN 21mmC			BY MECH.	CONTROLS BY MECH. CONTRACTOR
P-01	INFLOOR HEATING INJECTION PUMP	SERVICES RM. 115	0.13 kW	120	1	1.1	PANEL DP1	1P-15A CB	2#12#L + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.

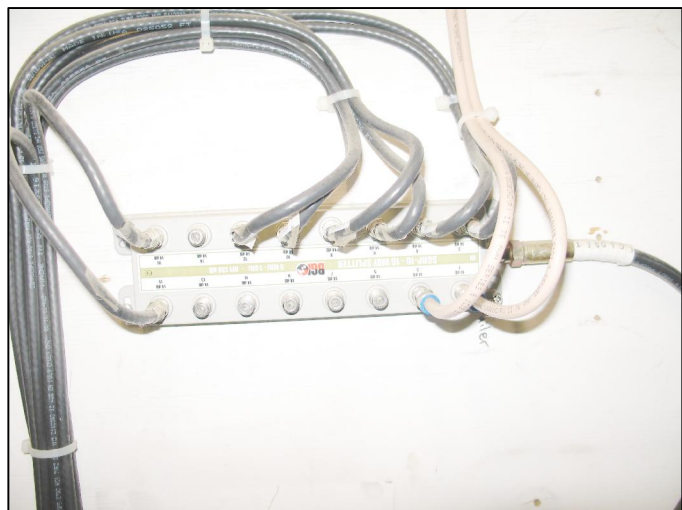
1
E2.0
MOTOR SCHEDULE
SCALE: NTS

REFERENCE LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION	MFG	CATALOG NUMBER	LAMP		VOLT	MOUNTING	REMARKS	
				QTY	TYPE				
A	WALL MOUNT, SHATTER RESISTANT FIXTURE	LIGHTOLIER	6586 (WHITE)	2	9W CFL	120	SURFACE - WALL	c/w MOUNTING HARDWARE & ACCESSORIES REQUIRED. PROVIDE TAMPER-RESISTANT SCREWS.	
B	ROUND FULL FACE, CEILING MOUNT, HIGH IMPACT RESISTANT LENS	FAIR SAFE	TR015-0-226CT-DT-WH	2	CFL	120	SURFACE - CEILING	c/w MOUNTING HARDWARE & ACCESSORIES REQUIRED. PROVIDE (2) BALLASTS FOR SEPARATE SWITCHING. PROVIDE (1) VRSD TORX SCREW DRIVER c/w VRSD TORX SCREW DRIVER BIT FOR THIS PROJECT.	
C	8" RECESSED DOWNLIGHT	GOTHAM	AF-226DIT-8AR-120-CSA	2	26W CFL	120	RECESSED	c/w MOUNTING HARDWARE & ACCESSORIES REQUIRED.	
D	UNDERCABINET LIGHTING	LITHONIA LIGHTING	N2S-32-120-GE810S-CSA	1	32W T8	120	SURFACE	c/w MOUNTING HARDWARE & ACCESSORIES REQUIRED.	
E	EXTERIOR WALL PACK FIXTURE	LITHONIA LIGHTING	TWA-70M-120-CSA-LPI	1	70W MH	120	SURFACE - WALL	c/w MOUNTING HARDWARE & ACCESSORIES REQUIRED.	
EM	EMERGENCY BATTERY UNIT	AIMLITE	EB0V12072-2-12WQ-WHT-TDL-RDS-VDR-WRG	2	12W MR16	120	SURFACE - WALL	c/w MOUNTING HARDWARE. WIRE GUARD & ACCESSORIES REQUIRED. CONFIRM WITH DEPARTMENTAL REPRESENTATIVE FOR QUANTITY OF EXISTING LUMINAIRES.	

2
E2.0
LUMINAIRE SCHEDULE
SCALE: NTS



7
E2.0
TYPICAL BEDROOM MILLWORK ELEVATION
SCALE: NTS



CATV RIGHT ANGLE 16-WAY SPLITTER
(SERVICES ROOM 115)



SENSTAR REMOTE DISPLAY & CONTROL PANEL (RCP)
(STAFF AREA 117)



NOTIFIER FA PANEL
(SERVICES ROOM 115)



CATV CONTROL PANEL
(STAFF AREA 117)

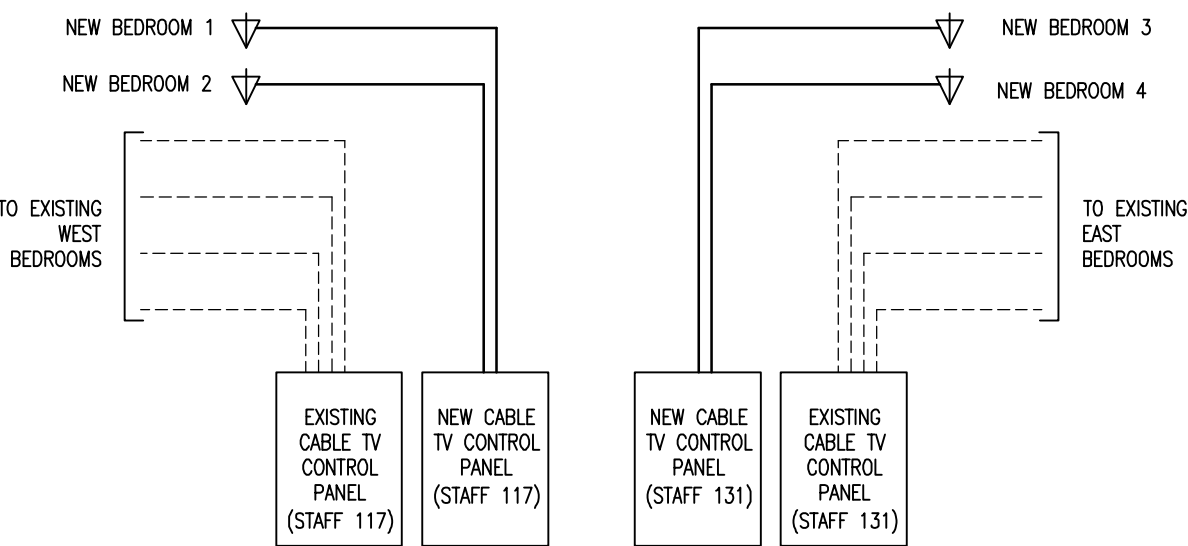


EXISTING SECURITY & SYSTEMS TERMINAL BOARD
(ROOM 118)



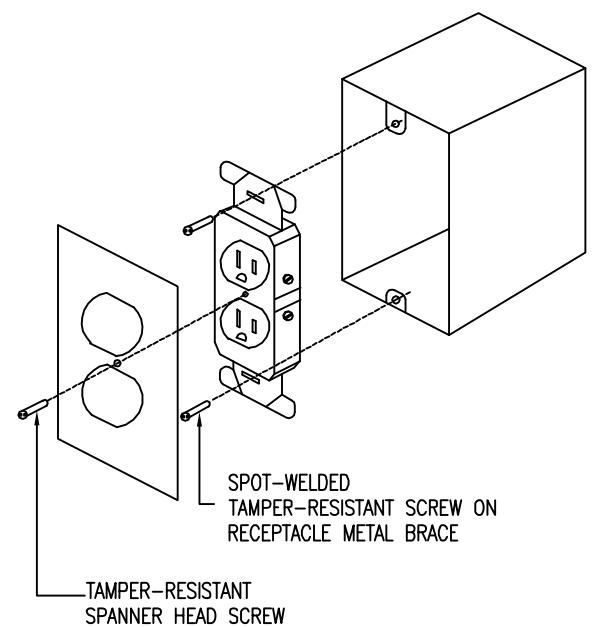
CELL CALL DISABLE SWITCH BANK
(ROOM 118)

8
E2.0
PHOTOS OF EXISTING SYSTEMS DEVICES
SCALE: NTS

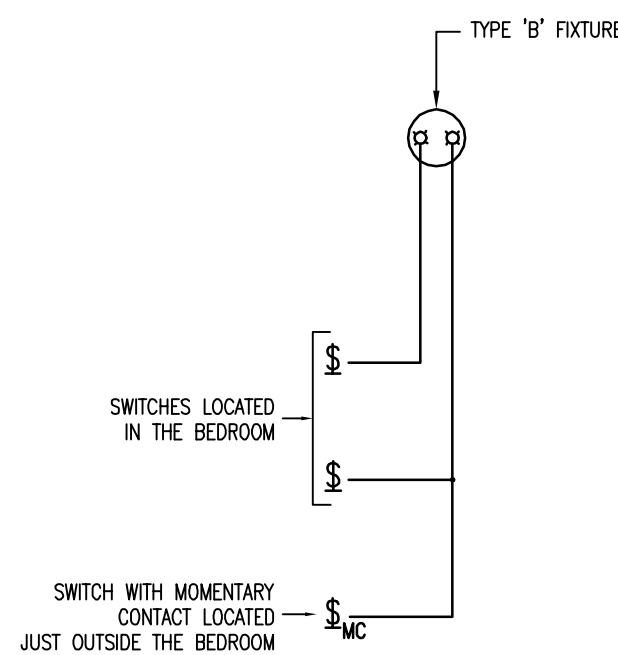


3
E2.0
CABLE TV SIGNAL CONTROL SCHEMATIC DIAGRAM
SCALE: NTS

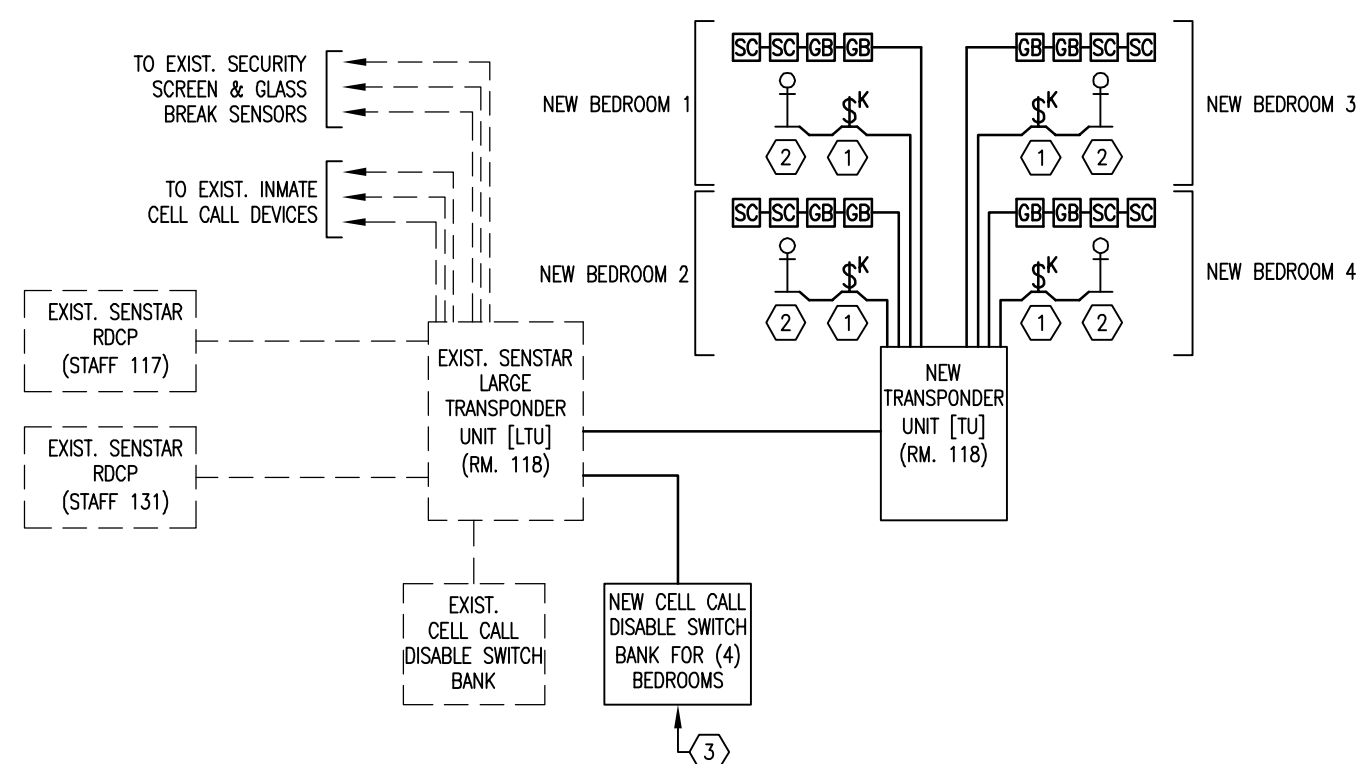
- GENERAL NOTES (CABLE TV SCHEMATIC DIAGRAM)
- CABLE TV (CATV) SIGNAL CONTROL SCHEMATIC DIAGRAM IS DIAGRAMMATIC & FOR REFERENCE PURPOSES ONLY.
 - REFER TO DWG. E1 FOR PROPOSED LOCATIONS OF NEW CABLE TV DEVICES.
 - SIGNAL SWITCHING CONFIGURATION FOR CATV CONTROL PANELS SHALL MATCH THE CONFIGURATION IN THE EXISTING CATV CONTROL PANELS. FURNISH & INSTALL NECESSARY CABLING, HEAVY CONSTRUCTION & DRYWALL-SHIELDED CABLE SWITCHES, DEVICES, ACCESSORIES, APPURTENANCES & SWITCHES TO MATCH THE CATV SIGNAL CONTROLS OPERABLE. THIS CONTRACTOR SHALL ALSO COORDINATE WITH EPW TECHNICIANS FOR NECESSARY REQUIREMENTS, UPGRADE &/OR PROGRAMMING TO THE EXISTING CATV SYSTEM. (ALLOW FOR ALL OF THE ITEMS & TASKS ABOVE IN THE CONTRACT PRICE).
 - PROVIDE NEW CONTROL PANEL OF CATV SERVICE PRIVILEGE TO EACH NEW BEDROOM. ELECT. CONTRACTOR MAY USE & MODIFY EXISTING CATV CONTROL PANELS IN STAFF AREAS 117 & 131 IF THESE PANELS CAN ACCOMMODATE THE ADDITIONAL CATV SIGNAL CONTROL SWITCHES.
 - ALL CATV CABLING SHALL BE ROUTED IN CONDUIT.



4
E2.0
DEVICE DETAILS (TYPICAL FOR ALL RECEPTACLES & SWITCHES)
SCALE: NTS



5
E2.0
TYPE 'B' FIXTURE SWITCHING SCHEMATIC DIAGRAM
SCALE: NTS



6
E2.0
INTEGRATED SECURITY & INMATE CELL CALL SYSTEMS SCHEMATIC DIAGRAM (TYPICAL)
SCALE: NTS

- GENERAL NOTES (INTEGRATED SECURITY & INMATE CELL CALL SYSTEMS SCHEMATIC DIAGRAM)
- INTEGRATED SECURITY & INMATE CELL CALL SYSTEMS DIAGRAM IS DIAGRAMMATIC & FOR REFERENCE PURPOSES ONLY. ELECT. CONTRACTOR SHALL FURNISH & INSTALL ALL NECESSARY DEVICES, CABLING, APPURTENANCES, TERMINAL BLOCKS, PROGRAMMING, POWER SUPPLY &/OR UPGRADE TO THE EXISTING SECURITY & CELL CALL SYSTEMS TO ENSURE THAT THE NEW DEVICES SHALL BE OPERABLE UPON PROJECT TURNOVER (ALLOW FOR ALL OF THE ITEMS & TASKS MONITORED ABOVE IN THE CONTRACT PRICE).
 - REFER TO DWG. E1 FOR PROPOSED LOCATIONS OF ALL SECURITY & CELL CALL DEVICES.
 - ELECT. CONTRACTOR SHALL ENSURE THAT ALL NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM. THIS CONTRACTOR SHALL ALSO COORDINATE WITH EPW TECHNICIANS & SYSTEMS VENDOR FOR NECESSARY REQUIREMENTS, ACCESSORIES, CABLING, CONNECTIONS, PROGRAMMING &/OR UPGRADE TO THE EXISTING SECURITY & CELL CALL SYSTEMS TO ACCOMMODATE THE NEW DEVICES.
 - THIS CONTRACTOR SHALL PROVIDE AS-BUILT WIRING DIAGRAM OF THE ENTIRE INTEGRATED SECURITY & CELL CALL SYSTEMS (EXISTING & NEW ADDITIONS) IN THE SUE BUILDING TO BE INCLUDED IN THE O&M MANUAL. THIS CONTRACTOR SHALL ALSO INCLUDE THE O&M SHEETS & MANUALS OF ALL THE EXISTING & NEW ADDITIONAL SECURITY & CELL CALL DEVICES IN THE O&M MANUAL. IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO TRACE ALL EXISTING & NEW CABLING & DEVICES TO ENSURE THAT THE AS-BUILT WIRING DIAGRAM & PRODUCT CUTSHEETS OF THE ENTIRE INTEGRATED SECURITY & INMATE CELL CALL SYSTEMS IN THE SUE BLDG. ARE ACCURATE & CORRECT. (ALLOW FOR ALL THE ITEMS & TASKS MONITORED ABOVE IN THE CONTRACT PRICE).
 - ALL SECURITY & CELL CALL SYSTEMS CABLING SHALL BE ROUTED IN CONDUIT.

KEY NOTES (INTEGRATED SECURITY & INMATE CELL CALL SYSTEMS SCHEMATIC DIAGRAM)

- CELL CALL CANCELLATION SWITCH, MODEL NO. ST00K-LOOKS-CA073 SERIES OR TO MATCH EXISTING c/w BACKBOX & SS COVER PLATE.
- CELL CALL BEDROOM TAMPER RESISTANT STATION, MODEL NO. STENTON-62911 OR TO MATCH EXISTING c/w BACKBOX.
- FURNISH & INSTALL NEW INMATE CELL CALL DISABLE SWITCH BANK FOR THE (4) NEW BEDROOMS. ALL DEVICES, CABLING, SS BOX, & PROGRAMMING SWITCHES SHALL MATCH EXISTING.

5		
4		
3		
2		
1	Issued for Tender	2013 MAR 15
0	Issued for Tender	2011 JUN 15
Revision/Revision	Description/Description	Date/Date

Client/Client

EDMONTON ALBERTA
Correctional Services Canada

11151 178 St. NW
Edmonton, AB T5S 2N8

Project Title/Titre du projet

EDMONTON INSTITUTION FOR WOMEN
4 Unit ADDITION OF
Structured Living Environment Unit (SLE)

Approved by/Approuvé par

Designed by/Concept par

Drawn by/Dessiné par
ELA
PWSC Project Manager/Administrateur de Projets TPSGC

PWSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/Client

Drawing title/Titre du dessin

ELECTRICAL
SCHEDULES, SCHEMATIC DIAGRAMS
& DETAILS

Project No./No. du projet R.030502.001	Sheet/Feuille E2.0 2 OF 2	Revision no./ Lia. Révision no. 0
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