

MOTOR SCHEDULE

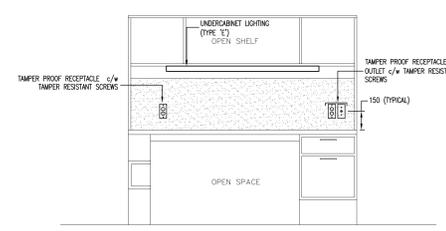
NO.	EQUIPMENT	LOCATION	POWER	VOLT	PHASE	FLA	SOURCE PANEL	OCPD	FEEDERS SIZE	STARTER	SIZE	CONTROLS	REMARKS
HRV-1	HEAT RECOVERY VENTILATOR	ATTIC SPACE	0.16 kW	240	1	0.7	PANEL 'A'	2P-15A CB	2#12X + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.
HRV-2	HEAT RECOVERY VENTILATOR	ATTIC SPACE	0.16 kW	240	1	0.7	PANEL 'B'	2P-15A CB	2#12X + 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#12X + 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#12X + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.
PHC-1	FIRE HEAT COIL	ATTIC SPACE	2 kW	240	1	9.0	PANEL 'A'	2P-15A CB	2#12X + GND IN 21mmC			BY MECH.	CONTROLS BY MECH. CONTRACTOR
PHC-2	FIRE HEAT COIL	ATTIC SPACE	2 kW	240	1	9.0	PANEL 'B'	2P-15A CB	2#12X + 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#12X + GND IN 21mmC			BY MECH.	MANUAL STARTER SWITCH BY ELECT. CONTRACTOR; CONTROLS BY MECH.

1 MOTOR SCHEDULE
E2.0 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	FAIL SAFE	TR015-0-28KCT-01-WH	2	CFL	120	SURFACE - CEILING	c/w MOUNTING HARDWARE & ACCESSORIES REQUIRED. PROVIDE (2) BALLASTS FOR SEPARATE SWITCHING. PROVIDE (1) VRSX TORX SCREW DRIVER c/w VRSX TORX SCREW DRIVER BIT FOR THIS PROJECT.
C	8" RECESSED DOWNLIGHT	GOHAM	AF-326DIT-8AR-120-CSA	2	26W CFL	120	RECESSED	c/w MOUNTING HARDWARE & ACCESSORIES REQUIRED.
D	UNDERCABINET LIGHTING	LITHONIA LIGHTING	IN25-32-120-CEB10S-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	AMALTE	EB01X072-2-12W-WHT-TDL-RDS-UDR-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 LUMINAIRE SCHEDULE
E2.0 SCALE: NTS

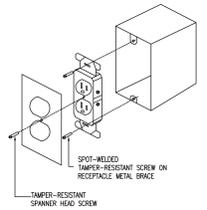
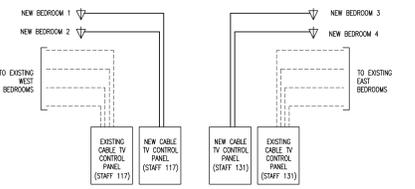


GENERAL NOTES (MILLWORK ELEVATION)
1. COORDINATE WITH MILLWORK INSTALLER FOR FINAL & EXACT LOCATION OF ELECTRICAL DEVICES PRIOR TO ROUGH-IN & INSTALLATION.

7 TYPICAL BEDROOM MILLWORK ELEVATION
E2.0 SCALE: NTS

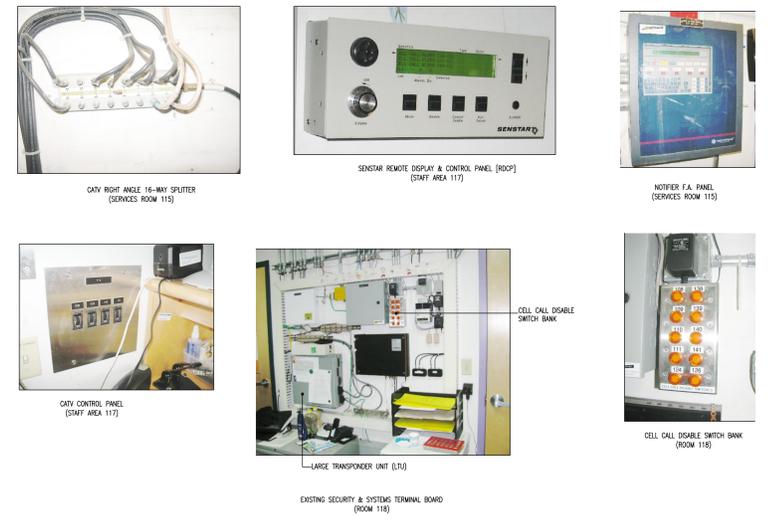
GENERAL NOTES (CABLE TV SCHEMATIC DIAGRAM)

- CABLE TV (CATV) SIGNAL CONTROL SCHEMATIC DIAGRAM IS DIAGNOSTIC & 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 CABLES, HEAVY CONSTRUCTION & DUTY-SHIELDED CABLE SWITCHES, DEVICES, ACCESSORIES, APPURTENANCES & SWITCHES TO MAKE 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 PARALLEL 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 CABLEING SHALL BE ROUTED IN CONDUIT.

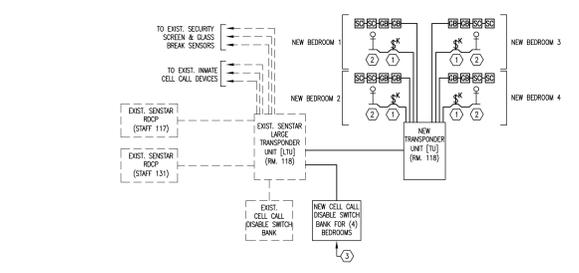


3 CABLE TV SIGNAL CONTROL SCHEMATIC DIAGRAM
E2.0 SCALE: NTS

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



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



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

- INTEGRATED SECURITY & INMATE CELL CALL SYSTEMS SCHEMATIC DIAGRAM IS DIAGNOSTIC & FOR REFERENCE PURPOSES ONLY. ELECT. CONTRACTOR SHALL FURNISH & INSTALL ALL NECESSARY DEVICES, CABLEING, 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 MENTIONED 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, CABLEING, 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 CABLEING & 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 ENDED ABOVE IN THE CONTRACT PRICE.)
- ALL SECURITY & CELL CALL SYSTEMS CABLEING SHALL BE ROUTED IN CONDUIT.

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

- CELL CALL CANCELLATION SWITCH, MODEL NO. STOCK LOCKS-C4073 SERIES OR TO MATCH EXISTING c/w BACKBOX & SS COVER PLATE.
- CELL CALL BEDROOM TAMPER RESISTANT STATION, MODEL NO. STENTORON-62911 OR TO MATCH EXISTING c/w BACKBOX.
- FURNISH & INSTALL NEW INMATE CELL CALL DISABLE SWITCH BANK FOR THE (4) NEW BEDROOMS. ALL DEVICES, CABLEING, SS BOX & PROGRAMMING SWITCHES SHALL MATCH EXISTING.

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

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

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4		
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2		
1	Issued for Tender	2013 MAR 15
0	Issued for Tender	2011 JAN 10
Revision/	Description/Description	Date/Date

EDMONTON ALBERTA
Correctional Services Canada

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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/Concepté par

Drawn by/Dessiné par ELA
Review by/Examiné par RMD
PWSC Project Manager/Administrateur de Projets TPSCC

PWSC, Architectural and Engineering Resources Manager/
Ressources Architecturales et de Directeur d'Ingénierie, TPSCC

Client/Client

Drawing Title/Titre du dessin

ELECTRICAL
SCHEDULES, SCHEMATIC DIAGRAMS
& DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ Lvl. Révision no.
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