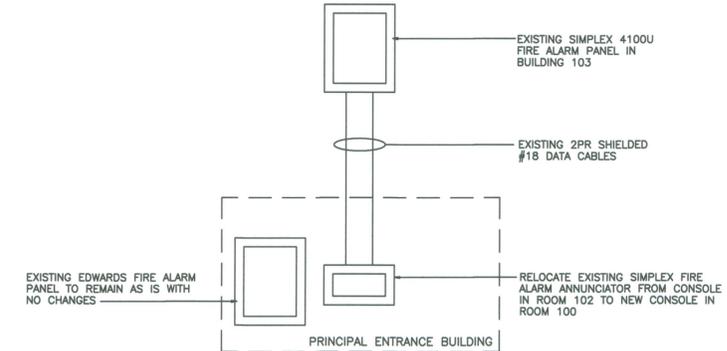


Searchlight Controls



Fire Alarm Details

Control Console Notes

- WHERE INDICATED, REMOVE ALL RACK-MOUNTED MODULES COMPLETELY.
- WHERE INDICATED, RELOCATE RACK-MOUNTED MODULES TO THE NEW CONTROL CONSOLE IN ROOM 100. PROVIDE NEW CABLING TO THE NEW EQUIPMENT LOCATION.
- EXISTING SIMPLEX FIRE ALARM ANNUNCIATOR IS MOUNTED WITHIN A BOX ON TOP OF THE CONSOLE. PROVIDE A CUSTOM RACK-MOUNT PLATE AND INSTALL WITHIN THE NEW CONSOLE RACK IN ROOM 100. EXISTING ANNUNCIATOR IS 4603-9101C, OLD STYLE.
- THERE IS AN EXISTING RADIO COAX CABLE COILED WITHIN THE CONSOLE. THE CABLE IS CONNECTED TO A DEDICATED ANTENNA ON THE ROOF. THE CONNECTOR WITHIN THE CONSOLE IS INTENDED TO BE USED TO CONNECT TO A MOBILE RADIO FOR EMERGENCY PURPOSES. PROVIDE NEW CABLE TO THE NEW CONSOLE IN ROOM 100.
- ONE MONITOR SERVES BOTH FLARE & FLASH SYSTEMS AND IS SWITCHED VIA A KVM. IN ADDITION, THERE IS A SPEAKER FOR EACH OF THE SYSTEMS. A MOUSE AND KEYBOARD IS SHARED BETWEEN THE TWO SYSTEMS. PROVIDE ALL OF THESE FUNCTIONS IN THE NEW CONSOLE IN ROOM 100. THE MONITOR IS NOT TOUCH SCREEN CAPABLE.
- THE CCTV SYSTEM INCLUDES CAMERAS FROM VARIOUS LOCATIONS THROUGHOUT THE INSTITUTION.
- THE FOUR CCTV MONITORS WITHIN ROOM 100 ARE DEDICATED TO EXISTING VIEWS OF GATES AND DOORS AROUND THE PRINCIPAL ENTRANCE BUILDING. RECONNECT THE CABLES AND REPROGRAM THE SYSTEM TO PERMIT ANY CAMERA TO BE VIEWED ON THE FOUR MONITORS IN ROOM 100.
- THE CCTV JOYSTICK AT THE CONSOLE IN ROOM 102 CONTROLS VARIOUS PTZ CAMERAS THROUGHOUT THE INSTITUTION. REMOVE JOYSTICK AND PROVIDE NEW KEYBOARD IN ROOM 100.
- PROVIDE NEW CABLES FROM ROOM 122 FOR THE MOTOROLA CONSOLE EQUIPMENT TO THE NEW CONSOLE IN ROOM 100.
- ALL WORK ON THE RADIO EQUIPMENT MUST BE PERFORMED BY A RADIO SYSTEMS SPECIALIST SUB-CONTRACTOR WITH PREVIOUS COMMERCIAL RADIO INSTALLATION EXPERIENCE SIMILAR TO THIS VHF INSTALLATION. SUBMIT QUALIFICATIONS OF SPECIALIST SUB-CONTRACTOR TO DEPARTMENTAL REPRESENTATIVE FOR APPROVAL.
- REMOVE CABLING FOR INTERCOM STATION B BACK TO ROOM 122. RETAIN OPERATION OF INTERCOM STATION A. PLACE BLANK LABELS ON STATION A WHERE REMOTE INTERCOM STATIONS HAVE BEEN REMOVED.
- REMOVE ALL CABLING BACK TO THE SOURCE WHERE EQUIPMENT IS REMOVED.
- REQUEST DIRECTION FROM THE DEPARTMENTAL REPRESENTATIVE WHETHER RACK-MOUNTED MODULES SHOULD BE HANDED OVER TO THE DEPARTMENTAL REPRESENTATIVE; OTHERWISE REMOVE MODULES FROM SITE.
- PROVIDE 4-PR SHIELDED CABLE FROM ROOM 122 TO NEW CONTROL CONSOLE FOR CELL CALL AND FIXED POINT ALARM PANEL. CONFIRM EXACT TYPE OF CABLE REQUIRED.

Searchlight Control Notes

- THE SEARCHLIGHT SYSTEM CONSISTS OF MOTORIZED SEARCHLIGHTS REMOTELY MOUNTED WITHIN TOWERS. THE SEARCHLIGHTS CAN BE OPERATED EITHER FROM THE CONTROL CONSOLE IN ROOM 102, OR FROM THE TOWER LOCATION.
- THE INTENT OF THIS WORK IS TO REMOVE THE CONTROL PORTION OF THE SYSTEM FROM THE CONSOLE IN ROOM 102, BUT LEAVE THE SYSTEM INTACT PERMITTING OPERATION FROM THE TOWERS. THE CABLES FROM THE PRINCIPLE ENTRANCE BUILDING TO THE TOWERS IS INTENDED TO REMAIN, TO PERMIT ANY FUTURE REMOTE OPERATIONS.
- PRIOR TO ANY WORK ON THE SYSTEM, TEST THE OPERATION OF THE REMOTE CONTROLS IN THE TWO TOWERS. PROVIDE A WRITTEN REPORT TO THE DEPARTMENTAL REPRESENTATIVE.
- DISCONNECT THE CABLES BETWEEN THE CONSOLE IN ROOM 102 AND THE TERMINAL STRIP IN ROOM 105. TEST THE OPERATION OF THE CONTROLS WITHIN THE TWO TOWERS AND PROVIDE A WRITTEN REPORT TO THE DEPARTMENTAL REPRESENTATIVE.
- TURN OVER THE REMOVED CONTROLS FROM THE CONSOLE IN ROOM 102 TO THE DEPARTMENTAL REPRESENTATIVE.
- REMOVE THE CABLES BETWEEN THE CONSOLE IN ROOM 102 AND THE TERMINAL STRIP IN ROOM 105.
- ON THE AS-BUILT DRAWINGS, INDICATE THE LOCATION OF THE TERMINAL STRIP WITHIN ROOM 105 AND THE NUMBER OF CONDUCTORS TO THE TOWERS.

RELOCATE LCD FIRE ALARM ANNUNCIATOR
 SIMPLEX 4603-9101 (OLD STYLE)

SENSTAR FLARE MONITOR Relocate	MOTOROLA MCC 7500 IP DISPATCH CONSOLE C/W SPEAKERS, KEYBOARD & MIC Relocate CER HIGH TEMPERATURE ALARM Remove	CCTV MONITOR & JOYSTICK MOUNTED ON DESKTOP IN FRONT OF RACK Remove Joystick Remove Monitor	CELL CALL & FIXED POINT ALARM PANEL Relocate	INTERCOM SILENCE & MIC INPUT Remove	INTERCOM STATION B Remove
			SEARCHLIGHT CONTROLS Remove	DOOR CONTROL PANEL B Remove	
			DOOR CONTROL PANEL A Remove		

Existing Control Console Rack Layout - Room 102



PHOTO 1 - E8
 EXISTING CONSOLE RM 102

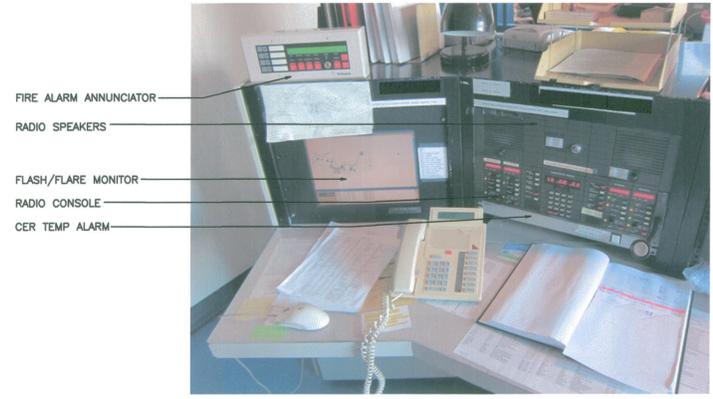


PHOTO 2 - E8
 EXISTING CONSOLE RM 102 - LEFT SIDE
 Photos show old Radio Console



PHOTO 3 - E8
 EXISTING CONSOLE RM 102 - RIGHT SIDE

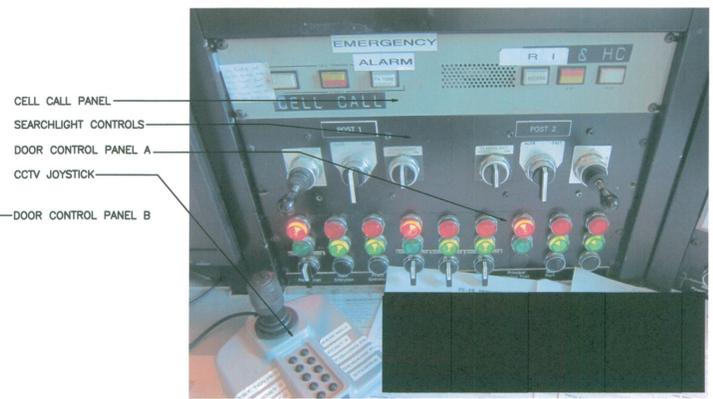


PHOTO 4 - E8
 EXISTING CONTROL CONSOLE RM 102 - 4th BAY



PHOTO 5 - E8
 EXISTING CONSOLE RM 102 - FIRE ALARM ANNUNCIATOR



PHOTO 6 - E8
 EXISTING CONTROL CONSOLE RM 102

Revision/	Issue for Tender	June 2014
Revisions	Description/Description	Date/Date

Client/Client

Correctional Service Canada
Metchosin BC
William Head Institution

Project Title/Titre du projet

Principal Entrance Renovations

Consultant Signature Only

Designed by/Conçopt par
 G. Robertshaw

Drawn by/Deasine par
 D. Burns May 2014

PWOSC Project Manager/Administrateur de Projets TPSC
 S. Leslie

A/Regional Manager, Architectural and Engineering Services
 Géomètre régional, Services d'architectural et de génie, TPSC
 O. Klutas

Drawing Title/Titre du dessin

Electrical
Existing Control Console +
Details

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
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R.066815.001 E8

