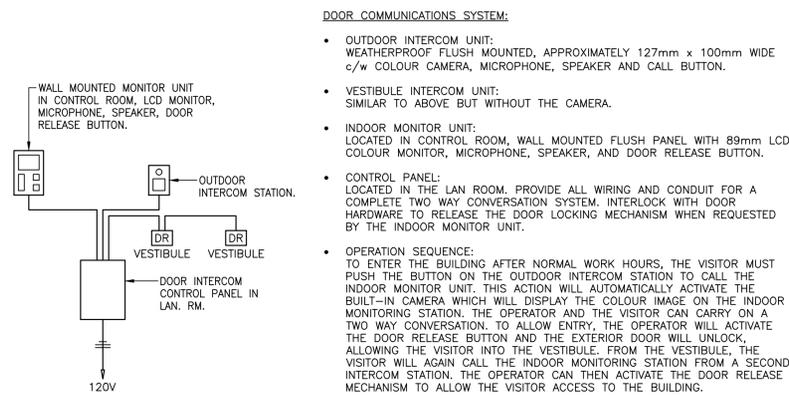


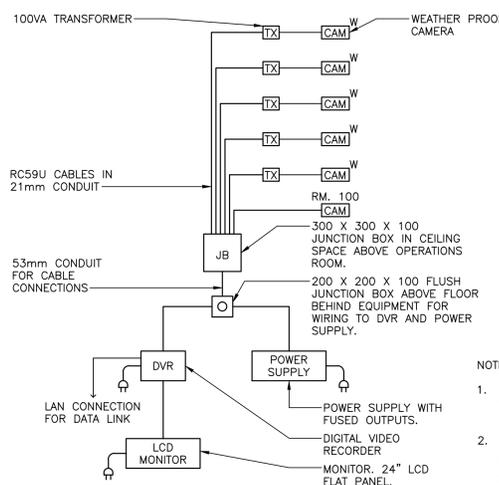
LIGHTING CONTROL NOTES:

- LIGHTS WILL NOT TURN ON AUTOMATICALLY WHEN ENTERING THE ROOM. THE OCCUPANT WILL TURN ON ONE GROUP OR ALL FOUR GROUPS OF LIGHT FIXTURES TYPE 'C' WITH WALL MOUNTED WIRELESS DIMMER SWITCHES NEAR THE DOOR.
- LIGHT FIXTURES TYPE 'C' CAN BE DIMMED TO APPROXIMATELY 1%.
- THE OPERATOR TECHNICIANS WILL MANUALLY TURN ON TASK LIGHT FIXTURE TYPE 'M' AT EACH CONSOLE WITH INDIVIDUAL WIRELESS DIMMER SWITCHES. LIGHT FIXTURES TYPE 'M' CAN BE DIMMED TO 1%. THE LOCATION OF THE SWITCHES WILL BE DETERMINED ON SITE, ATTACHED TO CONSOLE.
- WHEN THE ROOM IS VACATED FOR A PREDETERMINED LENGTH OF TIME, THE CEILING MOUNTED VACANCY WILL AUTOMATICALLY TURN OFF LIGHT FIXTURES TYPE 'C'.
- SYSTEM TO INCLUDE ALL NECESSARY POWER PACKS, DIMMING MODULES, INTERCONNECTING CONTROL WIRES AND ALL MISCELLANEOUS DEVICES REQUIRED TO PERFORM THE REQUIRED OPERATION.
- EXACT MOUNTING HEIGHT AND POSITIONING OF TYPE 'M' LIGHT FIXTURES TO BE DETERMINED AFTER CONSOLES ARE INSTALLED. CONTRACTOR TO ALLOW FOR ADDITIONAL SUSPENSION CABLES AND INCLUDE ADJUSTABLE SUSPENSION HEIGHT FITTINGS.



DOOR COMMUNICATIONS SYSTEM:

- OUTDOOR INTERCOM UNIT:** WEATHERPROOF FLUSH MOUNTED, APPROXIMATELY 127mm x 100mm WIDE c/w COLOUR CAMERA, MICROPHONE, SPEAKER AND CALL BUTTON.
- VESTIBULE INTERCOM UNIT:** SIMILAR TO ABOVE BUT WITHOUT THE CAMERA.
- INDOOR MONITOR UNIT:** LOCATED IN CONTROL ROOM, WALL MOUNTED FLUSH PANEL WITH 89mm LCD COLOUR MONITOR, MICROPHONE, SPEAKER, AND DOOR RELEASE BUTTON.
- CONTROL PANEL:** LOCATED IN THE LAN ROOM. PROVIDE ALL WIRING AND CONDUIT FOR A COMPLETE TWO WAY CONVERSATION SYSTEM. INTERLOCK WITH DOOR HARDWARE TO RELEASE THE DOOR LOCKING MECHANISM WHEN REQUESTED BY THE INDOOR MONITOR UNIT.
- OPERATION SEQUENCE:** TO ENTER THE BUILDING AFTER NORMAL WORK HOURS, THE VISITOR MUST PUSH THE BUTTON ON THE OUTDOOR INTERCOM STATION TO CALL THE INDOOR MONITOR UNIT. THIS ACTION WILL AUTOMATICALLY ACTIVATE THE BUILT-IN CAMERA WHICH WILL DISPLAY THE COLOUR IMAGE ON THE INDOOR MONITORING STATION. THE OPERATOR AND THE VISITOR CAN CARRY ON A TWO WAY CONVERSATION. TO ALLOW ENTRY, THE OPERATOR WILL ACTIVATE THE DOOR RELEASE BUTTON AND THE EXTERIOR DOOR WILL UNLOCK, ALLOWING THE VISITOR INTO THE VESTIBULE. FROM THE VESTIBULE, THE VISITOR WILL AGAIN CALL THE INDOOR MONITORING STATION FROM A SECOND INTERCOM STATION. THE OPERATOR CAN THEN ACTIVATE THE DOOR RELEASE MECHANISM TO ALLOW THE VISITOR ACCESS TO THE BUILDING.



NOTES:

- BOX SIZES AND CABLES MAY VARY DEPENDING ON MANUFACTURER'S REQUIREMENTS.
- LOCATION OF DVR, POWER SUPPLY AND MONITOR TO BE CONFIRMED ON SITE WITH OWNER'S REPRESENTATIVE BEFORE ROUGH-IN.

D	ISSUED FOR TENDER	JUL 13 2017
C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 26 2017
revisions		date
project		project

MCTS CENTRE AND C&P BUILDING
PLACENTIA

ELECTRICAL DETAILS

designed	conqu
date	2017
drawn	desain
date	2017
approved	approve
date	2017
Tender	Submission
Project Manager	Administrative Projects (P&SC)
project number	no. du projet
R.081781.004	
drawing no.	no. du dessin
E11	