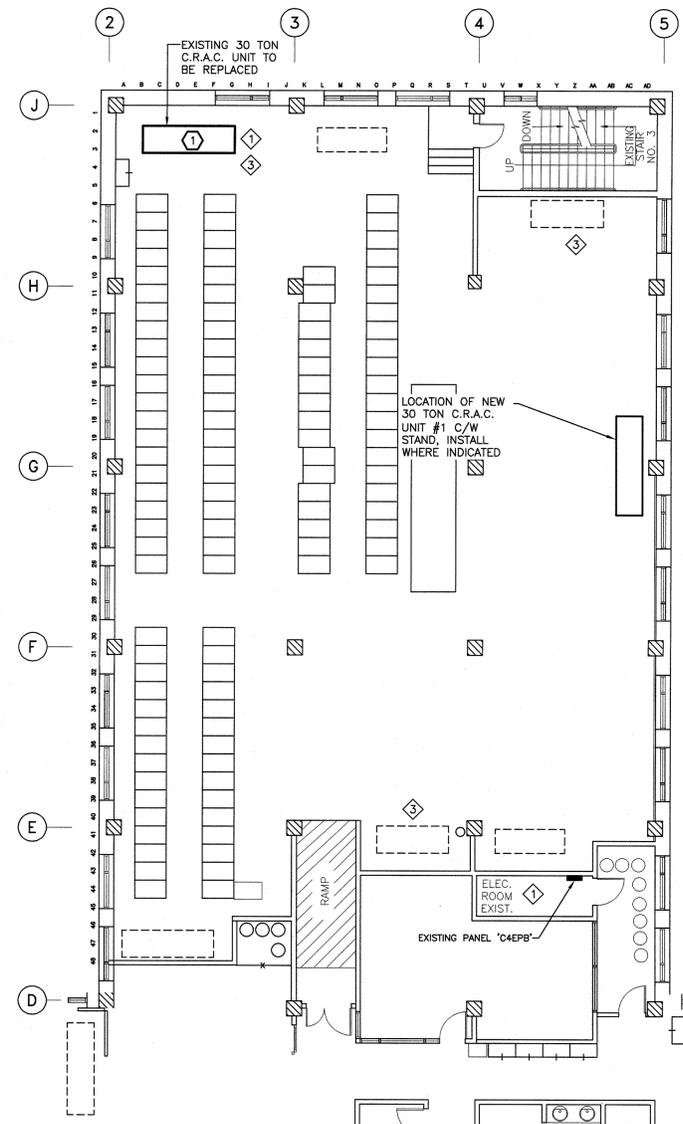


1	ISSUED FOR TENDER	10/08/2014
0	ISSUED FOR REVIEW	09/19/2014
revisions		date

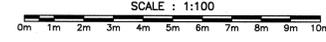
project: **MONCTON GOCB DOMINION PUBLIC BUILDING SHARED SERVICES CANADA CRAC UNIT REPLACEMENT**

drawing: **PARTIAL FLOOR PLANS, SINGLE LINE DIAGRAM AND DETAILS**

designed	C.DUPIUIS	conçu
date	SEPTEMBER, 2014	
drawn	J.LAW	dessiné
date	SEPTEMBER, 2014	
approved	C.DUPIUIS	approuvé
date	SEPTEMBER, 2014	
Tender	2014/10/16	Submission
PWSSC Project Manager	Administrateur de projets TPSSC	
project number	R.072542.001	no. du projet
drawing no.	E1 OF 1	no. du dessin



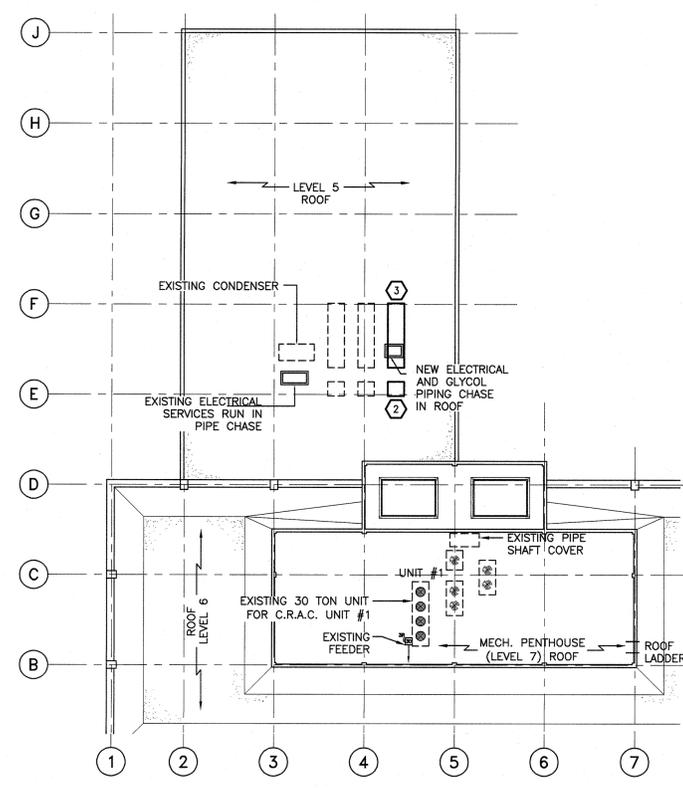
PARTIAL THIRD FLOOR PLAN (LEVEL 4)
 SCALE: 1:100



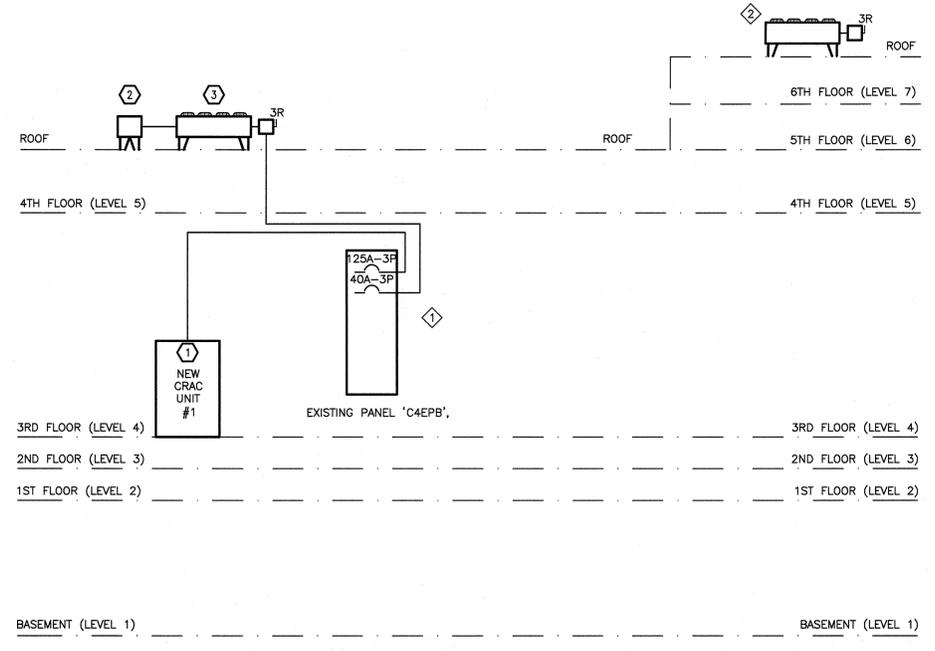
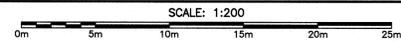
GENERAL NOTE:
 UPDATE, PRINT IN COLOR, LAMINATE & AFFIX SINGLE LINE DRAWINGS IN ELECTRICAL ROOMS. (2 LOCATIONS, 4 DRAWINGS TOTAL).

- SPECIFIC NOTES:**
- REMOVE ALL POWER WIRING AND CONDUIT FROM INDOOR UNIT FOR EXISTING CRAC UNIT #1. SUPPLY AND INSTALL NEW WIRING AND CONDUIT IN FLOOR BELOW EXISTING UNIT, FOLLOWING EXISTING ROUTING TO PANEL.
 - REMOVE ALL POWER WIRING AND CONDUIT FROM EXISTING ROOFTOP UNIT CONNECTED TO CRAC#1, LOCATED ABOVE 6TH FLOOR (LEVEL 7), BACK TO PANEL. UPDATE PANEL DIRECTORY ACCORDINGLY.
 - PROVIDE (3) THREE ADDITIONAL PAIRS OF #16 AWG IN 16mm C FROM CRAC UNITS INDICATED TO CONDENSER, FOR USE BY CONTROLS CONTRACTOR. COORDINATE WITH CONTROLS CONTRACTOR. CONVERT FEEDER TO LIQUID TIGHT FLEXIBLE CONDUIT FOR ROOF AREA.

NOTES
 N.T.S.



PARTIAL ROOF PLAN ABOVE FOURTH FLOOR (LEVEL 5) AND ABOVE SIXTH FLOOR (LEVEL 7)
 SCALE: 1:200



PARTIAL SINGLE LINE DIAGRAM
 N.T.S.

MECHANICAL EQUIPMENT SCHEDULE

NO.	ITEM	DESCRIPTION	LOCATION	LOAD	VOLTS	Ø	BREAKER	FEEDER	DISCONNECT	STARTER	PANEL	NOTES
1	NEW CRAC	CRAC UNIT	SERVER ROOM	95.4 FLA	600	3	SEE SLD	3#12 RW90 + BOND, 41mm EMT	-	-	'C4EPB'	-
2	NEW PUMP	CIRCULATION PUMP	ROOF	5.6kW	600	3	-	3#12 RW90 + BOND, 21mm EMT	-	-	CONDENSER UNIT 1	1,2
3	NEW COND	CONDENSER UNIT	ROOF	7.5 HP	600	3	SEE SLD	3#8 RW90 + BOND, 27mm EMT	30A-3R	-	'C4EPC'	1,3

- NOTES:**
- CONVERT FEEDER TO LIQUID TIGHT FLEXIBLE CONDUIT FOR ROOF AREA.
 - CONNECT PUMP FEEDER TO CORRESPONDING CONDENSER, COORDINATE WITH MECHANICAL CONTRACTOR.
 - CONDENSER FEEDER SIZED TO INCLUDE CORRESPONDING CIRCULATION PUMP, COORDINATE WITH MECHANICAL CONTRACTOR.

STARTER LEGEND

MS= MANUAL TYPE MOTOR STARTER	HOA= COMBINATION MAGNETIC STARTER/NON-FUSED
C/W 0/1/2 PROTECTION	DISCONNECT C/W HAND/OFF/AUTO
MMS= MOTOR RATED SWITCH	SELECTOR SWITCH
NCM= NONCOMBINATION MAGNETIC	COMBINATION MAGNETIC STARTER
FVNR= FULL VOLTAGE NON-REVERSING	C/W FUSED CONTROL TRANSFORMER
FVNR= REDUCED VOLTAGE NON-REVERSING	VFD= VARIABLE FREQUENCY DRIVE, BY DIV. 15/25

MECHANICAL EQUIPMENT SCHEDULE
 N.T.S.

