

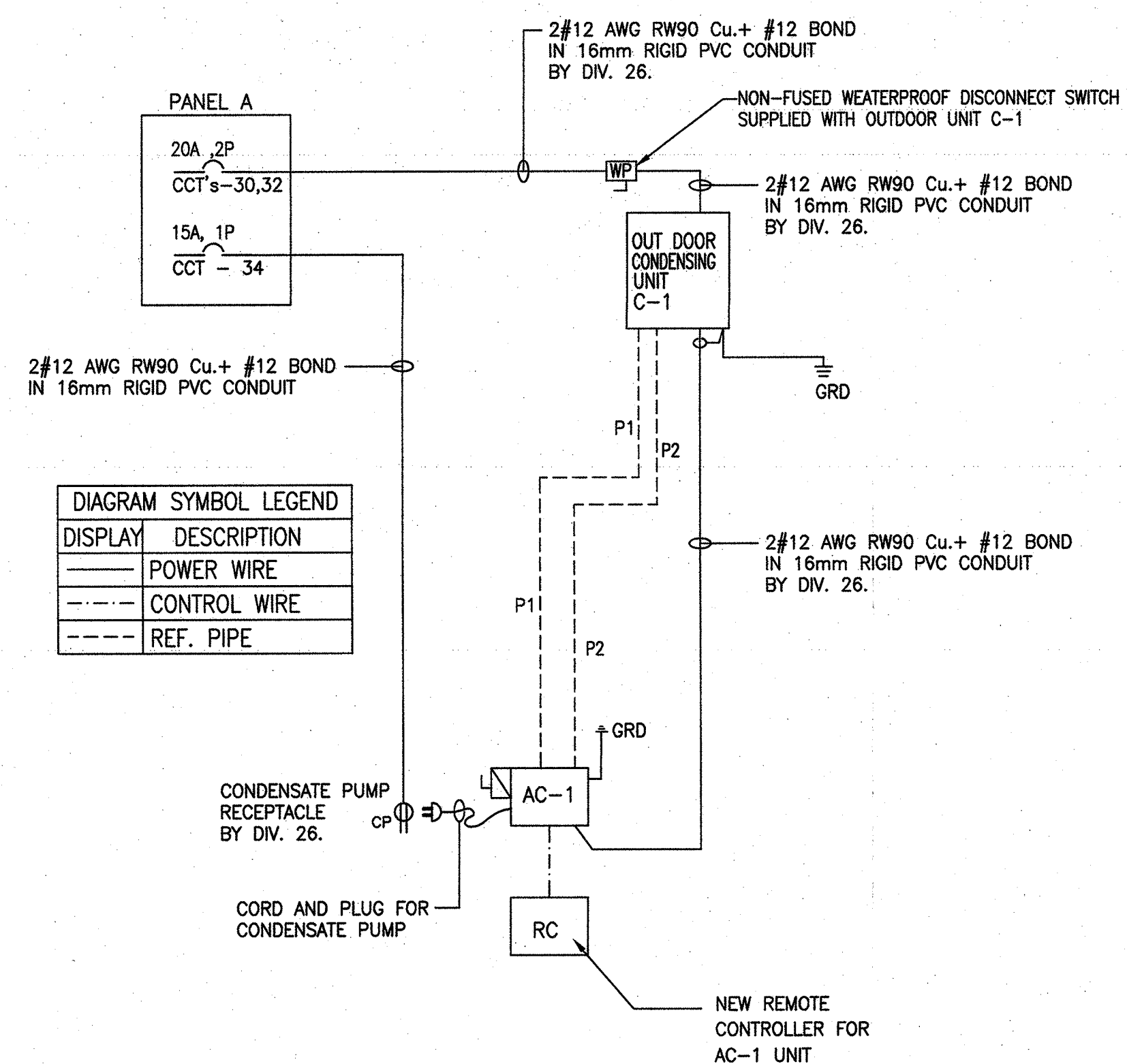
POWER & COMMUNICATIONS - REVISED FLOORPLAN 1
SCALE: 1:50
E102

ELECTRICAL LEGEND	
	125 VOLT, 15 AMP PARALLEL BLADE, U-GROUND, DUPLEX RECEPTACLE (5-15R) c/w COVER PLATE. RECEPTACLE MOUNTED 460mm A.F.F. (305mm ABOVE BASEBOARD HEATER) UNLESS OTHERWISE NOTED.
	125 VOLT, 15 AMP PARALLEL BLADE, U-GROUND, DUPLEX RECEPTACLE (5-15R) c/w COVER PLATE. RECEPTACLE MOUNTED 1120mm A.F.F. UNLESS OTHERWISE NOTED.
	125 VOLT, 15 AMP PARALLEL BLADE, U-GROUND, DUPLEX RECEPTACLE (5-15R) c/w GROUND FAULT PROTECTION AND COVER PLATE. RECEPTACLE MOUNTED 460mm A.F.F. UNLESS OTHERWISE NOTED.
	ELECTRICAL PANEL - 120/240V, 400A MAINS, 60 OCT. c/w SERVICE ENTRANCE RATED 400A MAIN BREAKER. SURFACE MOUNTED 1524mm A.F.F. SEE SPECIFICATION. SUPPLY AND INSTALL NEW WEATHERHEAD AND MAST.
	MANUAL STARTER WITH THERMAL OVERLOAD PROTECTION AND PILOT LIGHT MOUNTED 1200mm A.F.F.
	NON-FUSED BLADE DISCONNECT SWITCH. VOLTAGE, POLES AND AMPERAGE TO SUIT FEEDER BREAKER OR FUSE.
	VOICE OUTLET, MOUNTED 460mm A.F.F. (UNLESS OTHERWISE NOTED.)
	240V, 3.0kW WALL MOUNTED UNIT HEATER c/w WALL BRACKET. MOUNTED 2438mm A.F.F.
	SINGLE PHASE MOTOR BY OTHERS
	LINE VOLTAGE THERMOSTAT TO CONTROL BASEBOARD HEATERS AND UNIT HEATERS
	240V, 500 WATT BASEBOARD HEATER
	240V, 1000 WATT BASEBOARD HEATER
	240V, 1500 WATT BASEBOARD HEATER
	120V DUAL TOGGLE TIMER FOR LIGHT AND FAN CONTROL. ON/OFF LIGHT SWITCH PLUS ADJUSTABLE FAN TIME UP TO 60 MINUTES, c/w COVER PLATE. MOUNTED IN A SINGLE-GANG BOX 1200mm A.F.F.
	125 VOLT, 15 AMP PARALLEL BLADE, U-GROUND, DUPLEX RECEPTACLE (5-15R) FOR AC-1 CONDENSATE PUMP (CP) c/w COVER PLATE. RECEPTACLE SURFACE WALL MOUNTED ABOVE CEILING TILE. COORDINATE EXACT LOCATION ON SITE.
	NON-FUSED WEATEPROOF DISCONNECT SWITCH SUPPLIED WITH OUTDOOR UNIT C-1

NOTES	VOLTS 120/240		PANEL A		TYPE 1		MAINS 400		AMPS	
	PHASE 1		LOCATION OFFICE		MAIN BREAKER 400		AMPS			
DESIGNATION	WIRE		FED FROM		INCOMING UTILITY FEED		BRANCH BREAKER I.C. 10A		MTG. S	
	A	B	A	B	A	B	A	B	A	B
LIGHTING - STORAGE 90-3 & CONTACTOR	0.800		1	15A	15A	2	0.300		RECEPTACLES 90-5	
LIGHTING - GARAGE BAYS 90-2 & 90-1	0.500		3	15A	15A	4	0.300		RECEPTACLES 90-5	
LIGHTING - 90-4A, 90-4, 90-5 & 90-6	0.500		5	15A	15A	6	0.300		GFCI RECEPTACLE 90-4	
TIME CLOCK & CONTACTOR	0.500		7	15A	15A	8	0.300		RECEPTACLES 90-4A, 90-6	
UH#6 - UNIT HEATER 90-3	3.5		9	2P	15A	10	0.300		RECEPTACLES 90-1, 90-2	
UH#5 - UNIT HEATER 90-3	3.5		11	20A	15A	12	0.300		RECEPTACLES 90-1, 90-2	
UH#5 - UNIT HEATER 90-3	3.5		13	2P	15A	14	0.300		RECEPTACLES 90-1, 90-2	
UH#5 - UNIT HEATER 90-3	3.5		15	20A	15A	16	0.300		RECEPTACLES 90-2, 90-3	
UH#4 - UNIT HEATER 90-2	5.0		17	2P	15A	18	0.300		RECEPTACLES 90-3	
UH#4 - UNIT HEATER 90-2	5.0		19	30A	15A	20	0.300		RECEPTACLES 90-3	
UH#3 - UNIT HEATER 90-2	5.0		21	2P	15A	22	0.300		RECEPTACLES 90-3	
UH#3 - UNIT HEATER 90-2	5.0		23	30A	15A	24	7.944		ENERGY RECOVERY UNIT	
UH#2 - UNIT HEATER 90-1	5.0		25	2P	15A	26	0.300		DUCT HEATER	
UH#2 - UNIT HEATER 90-1	5.0		27	30A	15A	28	7.5		DUCT HEATER	
UH#1 - UNIT HEATER 90-1	5.0		29	2P	15A	30	0.300		MINI-SPLIT	
UH#1 - UNIT HEATER 90-1	5.0		31	30A	15A	32	3.120		MINI-SPLIT	
HOT WATER HEATER 90-4	3.0		33	2P	15A	34	0.200		CONDENSATE PUMP	
HOT WATER HEATER 90-4	3.0		35	20A	15A	36	0.200		MECHANICAL CONTROLS	
HOT WATER HEATER 90-4	3.0		37	2P	15A	38	0.200		MECHANICAL CONTROLS	
BASEBOARD HEATERS: 90-4, 90-4A, 90-5, 90-6	4.5		39	30A	15A	40	0.300		COUNTER HEIGHT RECEPTACLE 90-1	
BASEBOARD HEATERS: 90-4, 90-4A, 90-5, 90-6	4.5		41	15A	15A	42	0.300		COUNTER HEIGHT RECEPTACLE 90-2	
LIGHTS & EF-1 90-4	0.500		43		15A	44				
LIGHTS & EF-1 90-4	0.500		45		15A	46				
LIGHTS & EF-1 90-4	0.500		47		15A	48				
LIGHTS & EF-1 90-4	0.500		49		15A	50				
LIGHTS & EF-1 90-4	0.500		51		15A	52				
LIGHTS & EF-1 90-4	0.500		53		15A	54				
LIGHTS & EF-1 90-4	0.500		55		15A	56				
LIGHTS & EF-1 90-4	0.500		57		15A	58				
LIGHTS & EF-1 90-4	0.500		59		15A	60				
NOTES: -										
FEEDER INCOMING UTILITY FEED										
TOTAL LOAD 60.064 KW = 250,267 AMPS @ 240 VOLTS										

DEMOLITION NOTES

- DISCONNECT AND REMOVE COMPLETELY:
 - EXISTING 120/240 VOLT, 30 CIRCUIT DISTRIBUTION PANEL AND ASSOCIATED BRANCH CIRCUIT BREAKERS
 - EXISTING RECEPTACLES AND ALL ASSOCIATED BRANCH CIRCUIT WIRING/CONDUIT
 - EXISTING WALL MOUNTED UNIT HEATERS AND ALL ASSOCIATED BRANCH CIRCUIT AND CONTROL WIRING
 - EXISTING BASEBOARD HEATERS AND ALL ASSOCIATED BRANCH CIRCUIT AND CONTROL WIRING
 - EXISTING SERVICE WEATHERHEAD AND MAST

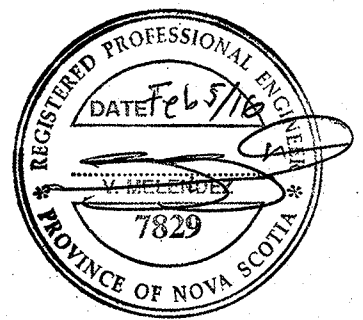


WIRING SCHEMATIC FOR MINI-SPLIT

N.T.S.

NOTE:

ELECTRICAL CONTRACTOR RESPONSIBLE FOR INSTALLATION AND CONNECTION OF BRANCH CIRCUIT WIRING AND CONDENSATE PUMP RECEPTACLE.



0	ISSUED FOR TENDER	FEB. 5 2016
revisions		date

project
REPAIR & UPGRADE
BUILDING 90
ATLANTIC INSTITUTION RENOUS
RENOUS, NB

drawing
POWER, COMMUNICATIONS
AND SYSTEMS - LAYOUT,
LEGEND, NOTES AND
PANEL SCHEDULE

designed V. MELENDEZ/K. WOLFE	conçu
date JANUARY 2016	date
drawn K. WOLFE	dessiné
date JANUARY 2016	date
approved	approuvé
date	date
Tender R. Wolfe	Submission
Project Manager	Administrateur de projets
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