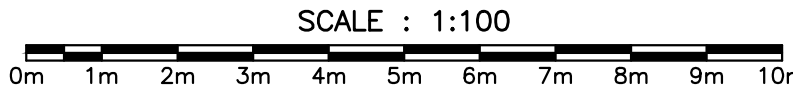


ELECTRIC HEAT AND MECHANICAL FLOOR PLAN -
PENTHOUSE LEVEL



KEYNOTE

1

SUPPLY AND INSTALL SELF REGULATING HEAT TRACE SYSTEM INCLUDING HEAT CABLE IN ROOF DRAIN TO INSIDE BUILDING (APPROXIMATELY 1500mm), EA PLENUM BOTTOM AND DRAIN (APPROXIMATELY 17,200mm), OA PLENUM BOTTOM AND DRAIN (APPROXIMATELY 7,800mm), CONTROLLER, AND OUTDOOR AIR SENSOR. COORDINATE WITH DIVISION 22 AND DIVISION 23.

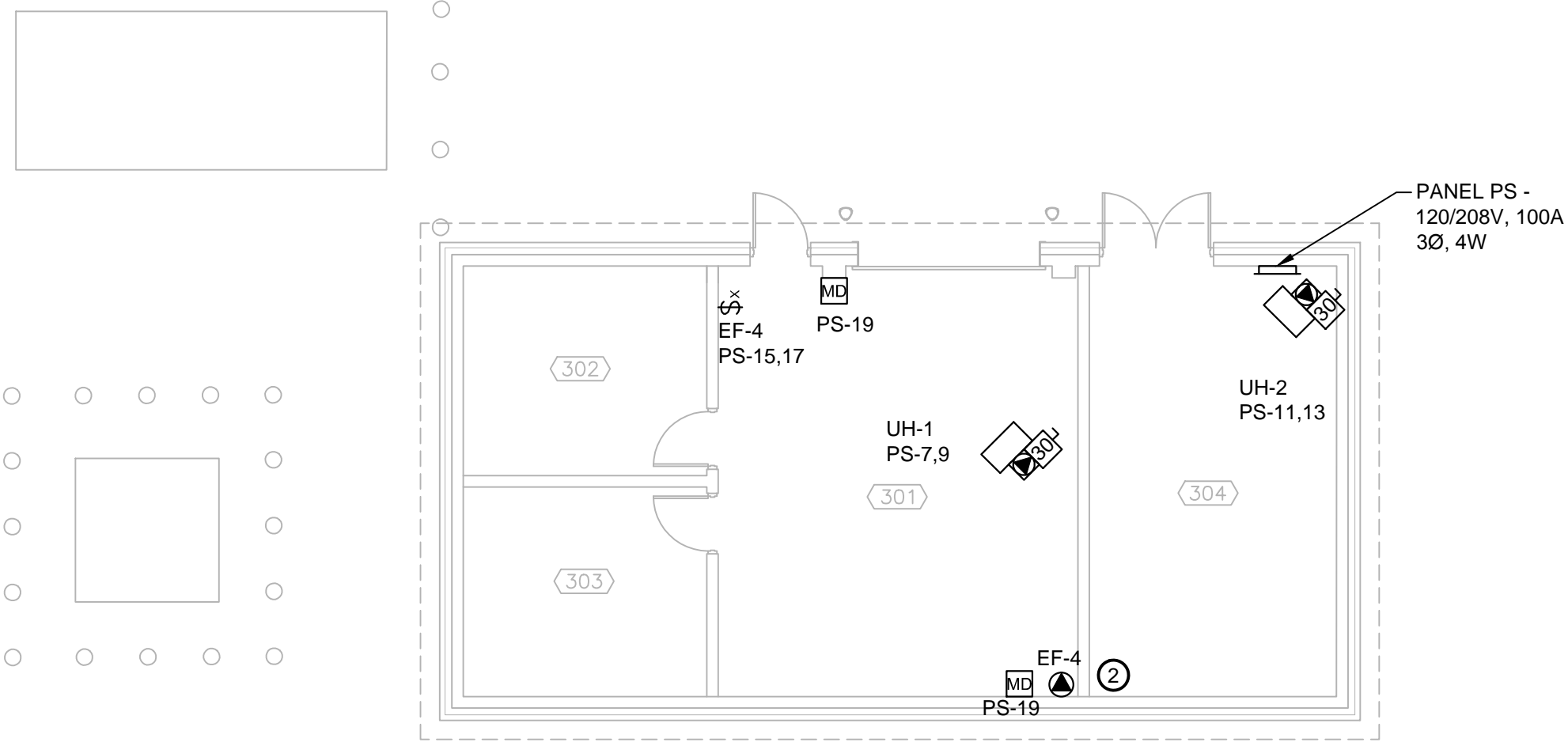
2

INTERLOCK EF-4 WITH DAMPERS. COORDINATE REQUIREMENTS WITH DIVISION 23.

NOTES:

1. ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH 2015 CANADIAN ELECTRICAL CODE AND LOCAL AUTHORITIES JURISDICTION.
2. ELECTRICAL EQUIPMENT SHALL BE INSTALLED SUCH THAT 1M CLEARANCE REQUIREMENTS ARE MAINTAINED PER 2015 CANADIAN ELECTRICAL CODE. COORDINATE FINAL LOCATIONS ON SITE WITH OTHER TRADES AND EQUIPMENT INSTALLERS.

MECHANICAL EQUIPMENT SCHEDULE					
TAG	DESCRIPTION	LOCATION	KILOWATTS / VOLTS / PHASE	WIRING	CIRCUIT
HC-1	HEATING COIL	200	21.00/575/3	3#10 + #12B, 21mmC	VP-2,4,6
HC-2	HEATING COIL	200	12.50/575/3	3#12 + #12B, 21mmC	VP-7,9,11
HC-3	HEATING COIL	200	5.00/575/3	3#12 + #12B, 21mmC	VP-8,10,12
HC-4	HEATING COIL	200	6.00/575/3	3#12 + #12B, 21mmC	VP-13,15,17
HC-5	HEATING COIL	200	26.00/575/3	3#8 + #10B, 27mmC	VP-14,16,18
HC-6	HEATING COIL	200	17.00/575/3	3#10 + #12B, 27mmC	VP-19,21,23
HC-7	HEATING COIL	200	3.50/575/3	3#12 + #12B, 27mmC	VP-20,22,24
HC-8	HEATING COIL	200	2.50/575/3	3#12 + #12B, 27mmC	VP-25,27,29
HC-9	HEATING COIL	200	8.50/575/3	3#12 + #12B, 27mmC	VP-26,28,30
HC-10	HEATING COIL	200	5.50/575/3	3#12 + #12B, 27mmC	VP-31,33,35
HC-11	HEATING COIL	200	14.50/575/3	3#10 + #12B, 27mmC	VP-32,34,36
HC-12	HEATING COIL	200	7.00/575/3	3#12 + #12B, 27mmC	VP-37,39,41
HRV-1	HEAT RECOVERY VENTILATOR	200	120/1	2#10 + #12B, 21mmC	PP-21
HRV-2	HEAT RECOVERY VENTILATOR	200	120/1	2#10 + #12B, 21mmC	PP-22
HRV-3	HEAT RECOVERY VENTILATOR	200	208/3	3#12 + #12B, 21mmC	PP-23/25/27
HRV-4	HEAT RECOVERY VENTILATOR	200	120/1	2#10 + #12B, 21mmC	PP-24
HRV-5	HEAT RECOVERY VENTILATOR	200	120/1	2#12 + #12B, 21mmC	PP-26
HRV-6	HEAT RECOVERY VENTILATOR	200	120/1	2#10 + #12B, 21mmC	PP-28
H-1	HUMIDIFIER	200	10.7/600/3	3#12 + #12B, 21mmC	VP-38,40,42
H-2	HUMIDIFIER	200	7.7/600/3	3#12 + #12B, 21mmC	VP-43,45,47
H-3	HUMIDIFIER	200	10.7/600/3	3#12 + #12B, 21mmC	VP-44,46,48



DRY STORAGE BUILDING ELECTRIC HEAT AND
MECHANICAL PLAN



KEY PLAN

SCALE – NTS



0	RELEASED FOR CONSTRUCTION	01/29/2016
revisions		date
project		projet

NEW
G.O.C.B
SAINT-LÉONARD
NEW BRUNSWICK

drawing dessin

PENTHOUSE AND
DRY STORAGE PLANS
ELECTRIC HEAT,
MECHANICAL AND DETAILS

designed	SRP	conçu
date	JANUARY 29, 2016	
drawn	CAM	dessiné
date	JANUARY 29, 2016	
approved	DAG	approuvé
date	FEBRUARY 17, 2016	
Tender		Soumission

PWSCG Project Manager	Administrateur de projet TPSCG
project number	no. du projet
R.069499.001	
drawing no.	no. du dessin
2603-3	