

PARTIAL PLAN
FIRST FLOOR - REVISED LAYOUT

ELECTRIC TEMPERING COIL SCHEDULE				
COIL NO.	CAPACITY	COIL SIZE	AIRFLOW L/S (cfm)	VELOCITY M/S (fps)
TC-1	1.0kW/208V/1#	200x150	47 (100)	1.5 (300)
TC-2	1.0kW/208V/1#	200x150	62 (131)	2.0 (393)
TC-3	1.0kW/208V/1#	200x150	62 (131)	2.0 (393)
TC-4	1.0kW/208V/1#	200x150	60 (127)	1.9 (381)

- NOTES**
- RELOCATE EXISTING RA GRILLE AS SHOWN.
 - CONNECT NEW FLEXIBLE DUCTWORK TO EXISTING SA DIFFUSER AS SHOWN.
 - EXTEND NEW DUCTWORK FROM EXISTING SYSTEM AS SHOWN. SEAL DUCT CONNECTION AIRTIGHT.
 - INSTALL NEW SA DIFFUSER, FLEXIBLE DUCTWORK, BALANCING DAMPER, ETC. AS SHOWN.
 - NEW TEMPERING COIL - REFER TO SCHEDULE ON THIS DRAWING FOR DETAILS.
 - NEW VAV BOX c/w ELECTRIC HEATING COIL, ETC. - REFER TO SCHEDULE ON THIS DRAWING FOR DETAILS.
 - RELOCATE EXISTING 600X600 RETURN AIR GRILLE TO ROOM 162 AS SHOWN.
 - REDUCE DUCT SIZE AS REQUIRED TO FIT THRU EXISTING PENETRATION IN CONCRETE BLOCK WALL. EXPAND DUCT SIZE BACK TO SIZE INDICATED ON DRAWING ONCE THRU THE WALL. REDUCTION/EXPANSION TO OCCUR AS CLOSE AS POSSIBLE TO THE WALL.
 - PROVIDE NEW TEMPERATURE SENSOR IN NEW LOCATION NEAR DOOR AS SHOWN ON DRAWINGS. DO NOT REUSE LOCATION OF EXISTING TEMPERATURE SENSOR.

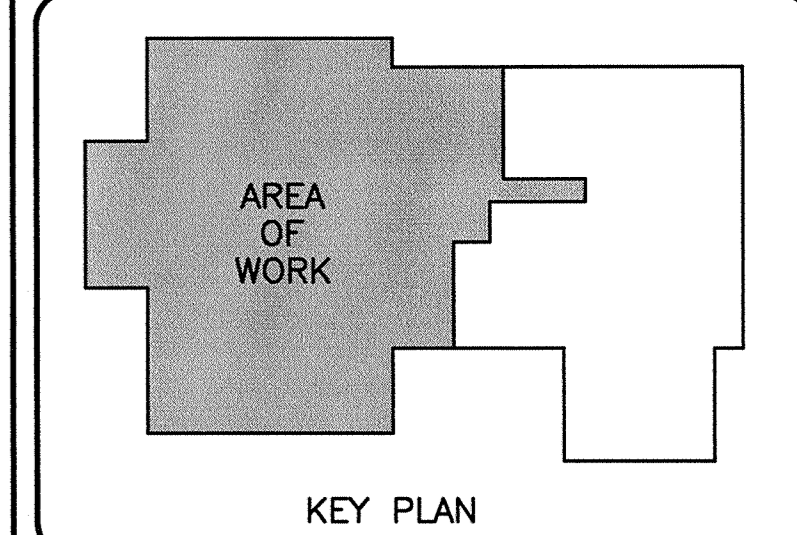
SUPPLY AIR DIFFUSER SCHEDULE			
TYPE	CAPACITY	NECK	SIZE
S (EXISTING)	AS SHOWN	150#	---
S1 (NEW)	AS SHOWN	200#	600x600
S2 (NEW)	AS SHOWN	250#	600x600

RETURN AIR GRILLE SCHEDULE			
TYPE	CAPACITY	NECK	SIZE
R1 (EXISTING)	---	---	600x600

VAV TERMINAL BOX SCHEDULE						
BOX NO.	BOX SIZE	ROOM(S) SERVED	MINIMUM AIR FLOW L/S (cfm)	MAXIMUM AIR FLOW L/S (cfm)	COIL CAPACITY	COIL SIZE
VAV-1	8	131	139 (295)	278 (589)	4.5 kW/208V/3#	300x250
VAV-2	6	132	70 (148)	140 (297)	2.5 kW/208V/1#	300x200
VAV-3	6	161,162	65 (138)	129 (273)	2.0 kW/208V/1#	300x200
VAV-4	6	117	54 (114)	108 (229)	2.0 kW/208V/1#	300x200
VAV-5	6	118,119,120	41 (87)	81 (172)	1.5 kW/208V/1#	300x200
VAV-6	8	110	88 (186)	175 (371)	3.0 kW/208V/1#	300x250
VAV-7	8	111	134 (284)	268 (568)	4.0 kW/208V/3#	300x250
VAV-8	8	112	85 (180)	169 (358)	2.5 kW/208V/1#	300x250
VAV-9	6	113	46 (97)	92 (195)	1.5 kW/208V/1#	300x200

No.	Issue	Date

No.	Revision	Chd. By	Date



RELEASED FOR CONSTRUCTION

The Association of Professional Engineers or the Province of Prince Edward Island J. A. Giberson No. 967 DATE: <i>Mar 28/13</i> LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND	Const. North
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Project Title

**VENTILATION UPGRADE
GOCB EAST PRINCE, PE**

Dwg. Title

VENTILATION REVISIONS

Project No. **FRE-00210847-A0**

Dwg. No. **2300-2** Rev. No. **0**

Scale: 1:50
This drawing is not to be scaled