APPROX. NORTH

600x1500 O/A LOUVRE, INSTALL TOP OF LOUVRE AT 2100mm AFF

O/A

600x400 O/A AND E/A DUCT TO BE INSULATED

E/A

900x300

1500x600 E/A LOUVRE, INSTALL TOP OF LOUVRE AT 2100mm AFF. SLOPE PLENUM TOWARD LOUVRE

CEILING FAN CONTROLLER

550ø

S-1 306

CPF-1

CPF-2

CPF-3

INSTALL AT 5700mm AFF (TYP. FOR 3)

A M05 M05

OFFSET AND TRANSITION TO 600x400 ON VERTICAL. PROVIDE FIRE DAMPER AT FLOOR WITH ACCESS VIA THE BASEMENT (TYP. FOR 2)

FD

R-1 613

REFRIGERANT PIPING DN TO BASEMENT

WALL CAP

E/A

EF-1

150ø

PROVIDE 450mm HIGH, PRIMED AND PAINTED ALUMINIUM STAND MOUNTED ON SIDEWALK. SEE SPECIFICATION SECTION 05 50 00 FOR STAND DETAILS. (COORDINATE LOCATION ON SITE w/ CONTRACTOR)

CU-1

FOR CONTINUATION OF DUCTWORK SEE DWG M-4

ACCESS TO FD'S TO BE FROM UNDER STAIRS. COORDINATE w/ GENERAL CONTRACTOR

S/A DUCT IN CRAWL SPACE

300x600 300x500 300x375 300x200

S-2 190 (TYP. FOR 4)

PROVIDE NEW ACOUSTICALLY LINED DUCT IN THIS AREA

R-2 380 (TYP. FOR 2) BOTTOM OF GRILLE AT 2000mm AFF

650x300

FOR CONTINUATION OF DUCTWORK SEE DWG M-4

EXISTING R/A DUCTWORK BELOW FLOOR

NEW 600x250 R/A DUCT BRANCH UP FROM BELOW

LEGEND:

DUCTWORK

X-X / XXX — GRILLE/DIFFUSER DESIGNATION / AIR FLOW (l/s)

EF-# EXHAUST FAN

—RD— REFRIGERANT GAS PIPING

—RL— REFRIGERANT LIQUID PIPING

PLAN – MAIN FLOOR 1 M05 M05

SCALE : 1:50

0m 1m 2m 3m 4m 5m

COORDINATE INTERMEDIATE FRAMING w/ STRUCTURAL TO PROVIDE 600mm CLEARANCE AROUND BLADES AS PER MANUFACTURER'S INSTRUCTIONS

600 MIN.

CPF-3

550ø R/A

TRANSITION TO 600x400 ON VERTICAL. PROVIDE FIRE DAMPER AT FLOOR WITH ACCESS VIA THE BASEMENT (TYP. FOR 2)

S/A

400x600 400x600

SECTION A M05 M05

SCALE : 1:50

0m 1m 2m 3m 4m 5m

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

root ARCHITECTURE

CBCL LIMITED Consulting Engineers

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2016
C.J. Ruddick
No. 1459
DATE: Nov. 29, 2016
LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND

revisions		date
2	ISSUED FOR TENDER	11.29 2016
1	100% SUBMISSION	11.23 2016
0	99% SUBMISSION	11.8 2016

project / projet

GREEN GABLES–PHASE 1 BARN EXPANSION AND RENOVATION

QUEENS CO., PEI

drawing / dessin

MECHANICAL HVAC MAIN FLOOR PLAN

designed / conçu: CJR
date: OCT–2016
drawn / dessiné: MEH
date: OCT–2016
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet: R.081199.001
drawing no. / no. du dessin: M05 OF 6

PWGSC B1 (2004)

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