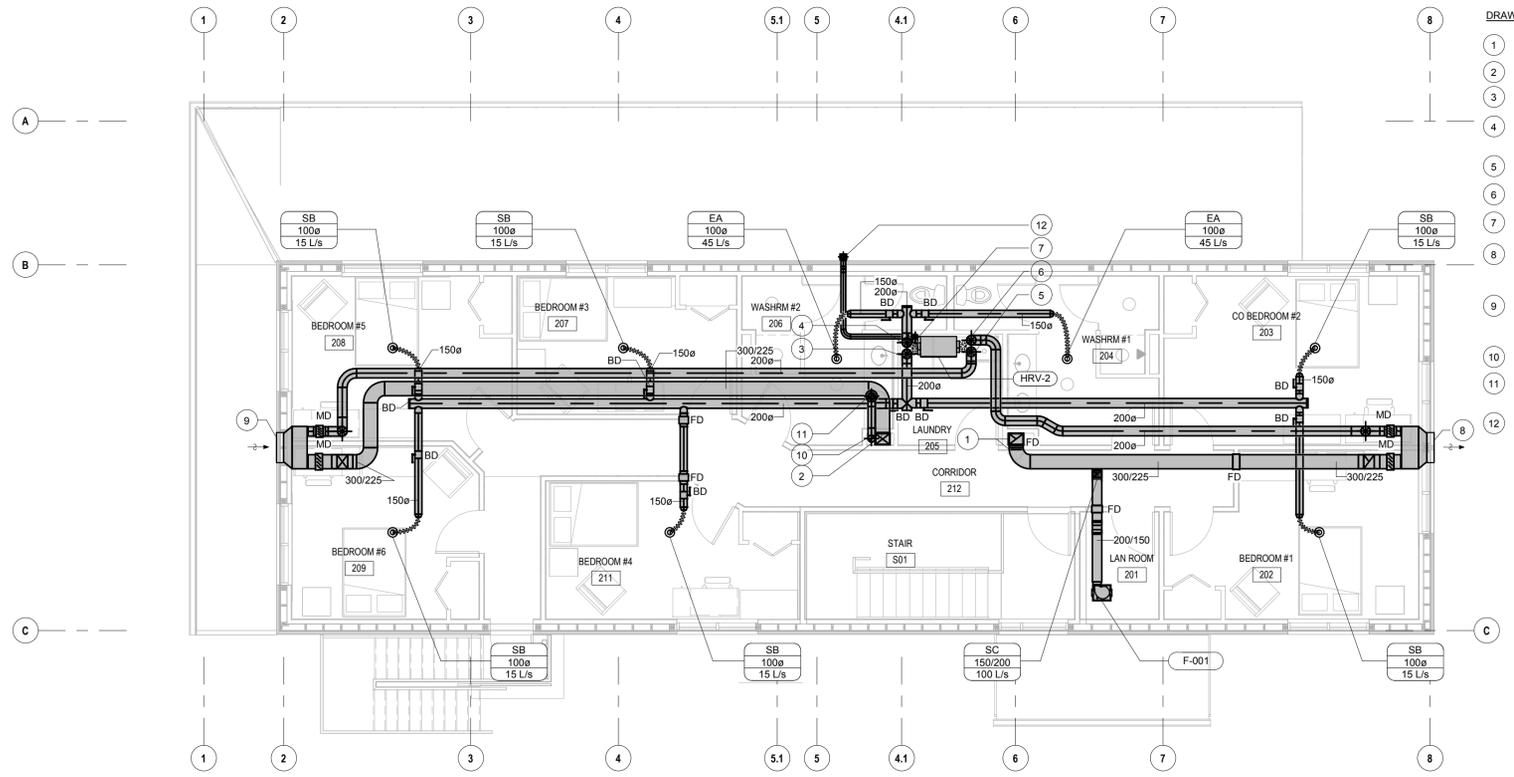


- DRAWING NOTES:**
- 300x225 EXHAUST AIR DUCT UP AT 240 L/S. INSTALL FIRE DAMPER AT FLOOR PENETRATION.
 - 300x225 FRESH AIR DUCT FROM ABOVE AT 240 L/S. INSTALL FIRE DAMPER AT FLOOR PENETRATION.
 - 100mm DIA. DUCT DOWN TO LOCKER AT 10 L/S. INSTALL MANUAL BALANCING DAMPER IN EACH DUCT. 5 SUCH PER LOCKER BANK.
 - COMBINATION MICROWAVE/RANGE HOOD SUPPLIED BY OTHER DIVISIONS. INSTALL TOP EXIT RANGE HOOD EXHAUST DUCT. AND ROUTE TO WALL CAP.
 - RANGE HOOD EXHAUST DUCT WALL CAP.
 - OUTLINE OF FIRE RATED WALL ASSEMBLY ABOVE CEILING BY ARCHITECTURAL.
 - 150mm DIA. RADON EXHAUST PIPE FROM RADON SUCTION PIT UNDER FLOOR SLAB. PIPE TO ENTER PIT HORIZONTALLY. SEE ALSO ARCHITECTURAL FOR PIT INFORMATION.
 - OUTLINE OF RADON SUCTION PIT. SEE ARCHITECTURAL FOR PIT INFORMATION.
 - 100mm DIAMETER CLOTHES DRYER EXHAUST DUCT. TERMINATE RIGID DUCT 450mm ABOVE FLOOR AND FLEX CONNECT TO DRIER SUPPLIED BY OTHER DIVISIONS.
 - MANUFACTURED DRYER EXHAUST WALL CAP.

1
H105
R1
VENTILATION - OPS BUILDING - LEVEL 1
SCALE 1 : 75



PROVINCE OF NEWFOUNDLAND AND LABRADOR
Engineering
 PERMIT J0291
STANTEC CONSULTING LTD.
 04862
 Signature or Member Number
 (Member-in-Responsible Charge)



- DRAWING NOTES:**
- 300x225 EXHAUST AIR DUCT FROM BELOW AT 240 L/S. INSTALL FIRE DAMPER AT FLOOR AND WALL PENETRATION.
 - 300x225 FRESH AIR DUCT DOWN AT 240 L/S. INSTALL FIRE DAMPER AT FLOOR PENETRATION.
 - 200mm DIA. SUPPLY AIR FLEX FROM HRV-2 AT 90 L/S. TRANSITION TO 200mm DIA RIGID DUCT THROUGH TO ATTIC SPACE. ROUTE TO DIFFUSERS AS SHOWN.
 - 200mm DIA. EXHAUST AIR FLEX TO HRV-2 AT 90 L/S. TRANSITION TO 200mm DIA RIGID DUCT THROUGH TO ATTIC SPACE. ROUTE FROM WASHROOMS RETURN INLETS AS SHOWN.
 - 200mm DIA. SUPPLY AIR FLEX TO HRV-2 AT 90 L/S. TRANSITION TO 200mm DIA RIGID DUCT THROUGH TO ATTIC SPACE. ROUTE FROM INTAKE LOUVER AS SHOWN.
 - 200mm DIA. EXHAUST AIR FLEX FROM HRV-2 AT 90 L/S. TRANSITION TO 200mm DIA RIGID DUCT THROUGH TO ATTIC SPACE. ROUTE TO EXHAUST LOUVER AS SHOWN.
 - 100mm DIAMETER CLOTHES DRYER EXHAUST DUCT. TERMINATE RIGID DUCT 450mm ABOVE FLOOR AND FLEX CONNECT TO DRIER SUPPLIED BY OTHER DIVISIONS.
 - 600mm WIDE x 600mm HIGH EXHAUST LOUVER. COORDINATE LOUVER COLOR WITH ARCHITECTURAL. CONNECT LOUVER TO 600x600 WATERTIGHT EXHAUST PLENUM IN ATTIC SPACE. CONNECT EXHAUST DUCTS TO PLENUM AT HIGHEST POINT. PLENUM TO INCLUDE 20mm DRAIN ROUTED TO FLOOR DRAIN IN MECHANICAL ROOM ON LEVEL 1.
 - 600mm WIDE x 600mm HIGH INTAKE LOUVER. COORDINATE LOUVER COLOR WITH ARCHITECTURAL. CONNECT LOUVER TO 600x600 WATERTIGHT EXHAUST PLENUM IN ATTIC SPACE. CONNECT EXHAUST DUCTS TO PLENUM AT HIGHEST POINT. PLENUM TO INCLUDE 20mm DRAIN ROUTED TO FLOOR DRAIN IN MECHANICAL ROOM ON LEVEL 1.
 - 150mm DIA. RADON EXHAUST PIPE FROM BELOW.
 - 150mm DIA. RADON EXHAUST PIPE UP THROUGH ROOF. INSTALL FAN F-003 IN VERTICAL PIPE AS NEAR ROOF PENETRATION AS POSSIBLE. TERMINATE PIPE. OPEN ENDED. 450mm ABOVE ROOF WITH GOOSENECK.
 - MANUFACTURED SOFFIT MOUNTED DRYER EXHAUST CAP WITH BACKFLOW FLAP.

2
H105
R1
VENTILATION - OPS BUILDING - LEVEL 2
SCALE 1 : 75

revisions	description	date
1	ISSUED FOR ADDENDUM	2018.09.18
0	ISSUED FOR TENDER	2018.07.18

project
DFO FACILITY - SAR STATION - OLD PERLICAN
 OLD PERLICAN, NEWFOUNDLAND AND LABRADOR

drawing
 dessin

VENTILATION PLANS - OPS BUILDING

designed B.K.D.	conçu
date 04/11/18	
drawn J.E.L.	dessiné
date 04/11/18	
approved --	approuvé
date 04/11/18	
Tender	Soumission
PWGSC Project Manager Administrateur de projets TPSPGC	
project number	no. du projet
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drawing no.	no. du dessin
H105 R1	