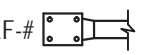
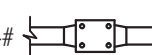
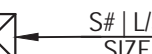

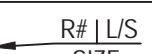


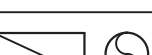





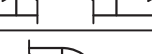
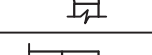
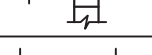


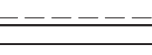




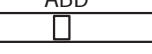

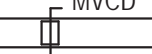



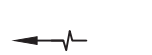

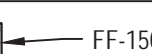
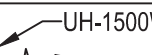
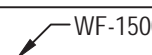
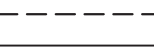
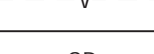
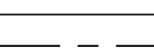

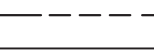
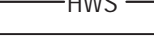



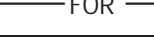



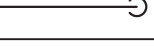

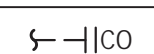




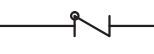

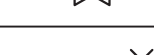
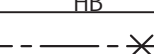
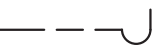

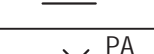










HVAC	
CABINET EXHAUST FAN	EF-# 
IN-LINE EXHAUST FAN	EF-# 
CEILING DIFFUSER (TYPE AS SPECIFIED)	SF  I / L / S SIZE
S/A OR R/A GRILLE OR REGISTER	RF  I / L / S SIZE
DOOR GRILLE	RF  I / L / S SIZE
EAVE VENT	RF  I / L / S SIZE
EXHAUST OR RETURN AIR DUCTWORK UP	
EXHAUST OR RETURN AIR DUCTWORK DOWN	
SUPPLY AIR DUCTWORK UP	
SUPPLY AIR DUCTWORK DOWN	
DUCT TRANSITION (FROM RECTANGULAR TO ROUND)	
DUCT TRANSITION	
DUCT RISE OR DROP	UP  DN
90° ELBOW	
90° ELBOW WITH TURNING VANES	
90° BRANCH DUCT BOOTH CONNECTION	
90° BRANCH DUCT FITTING CONNECTION	
INSULATED DUCTWORK, REFER TO SPEC.	
ACOUSTIC INSULATED DUCTWORK	
SPLITTER DAMPER	 SD
FLEXIBLE CONNECTION (DUCT)	 FC
FLEXIBLE DUCT	
AUTOMATIC BACKDRAFT DAMPER	ABD 
BALANCING DAMPER	BD 
MANUAL VOLUME CONTROL DAMPER	MVCD 
FIRE DAMPER	FD 
MOTORIZED DAMPER (24 VOLT)	DM 
OPPOSED BLADE DAMPER	OBD 
AIR FLOW DIRECTION	
BASEBOARD RADIATOR	1ST NUMBER INDICATES RAD. FIN LENGTH 2ND NUMBER INDICATES WATTS * DESIGNATES SUBDIVISION OF RAD. TYPE BB* 2250mm-1500W 
FORCE FLOW HEATER - NUMBER INDICATES CAPACITY IN WATTS	FF-1500W 
UNIT HEATER - NUMBER INDICATES CAPACITY IN WATTS	UH-1500W 
WALL HUNG CONVECTOR - NUMBER INDICATES CAPACITY IN WATTS	WF-1500W 
ELECTRIC DUCT HEATER	DEH 

PLUMBING & HEATING	
SANITARY SEWER	
VENT	
STORM DRAIN	
DOMESTIC COLD WATER	
DOMESTIC HOT WATER	
DOMESTIC HOT WATER RECIRC	
HOT WATER HEATING SUPPLY	
HOT WATER HEATING RETURN	
CHILLER WATER SUPPLY	
CHILLED WATER RETURN	
FUEL OIL SUPPLY	
FUEL OIL RETURN	
PROPANE	
AUTOMATIC AIR VENT	
TRAP SEAL PRIMER	
WATER HAMMER ARRESTOR	
PIPE RISER DOWN	
PIPE RISER UP	
FLOOR CLEAN OUT	
WALL CLEAN OUT	
FLOOR DRAIN	
FUNNEL DRAIN	
CIRCULATING PUMP	
GATE VALVE	
GLOBE VALVE	
CHECK VALVE	
SOLENOID VALVE	
CIRCUIT SETTING BALANCING VALVE	
HOSE BIB	
NON-FREEZE HOSE BIB	
P-TRAP	
EXPANSION COMPENSATORS	
ALIGNMENT GUIDE	
PIPE ANCHORS	
HOT WATER TANK	HWT 

PLUMBING FIXTURES	
WATERCLOSET (ACCESSIBLE)	WC #
URINAL	UR #
LAVATORY	LAV #
TOILET/LAVATORY	LT #
STAINLESS STEEL SINK	SS 1
JANITOR SINK	JS 2
DRINKING FOUNTAIN	DF #
TRENCH DRAIN	TD #
CATCHBASIN	CB #
OIL/WATER SEPARATOR	OS #
FLOOR/FUNNEL DRAIN	FD #
ROOF DRAIN	RD #

- LETTERS DESIGNATE TYPE OF FIXTURE. NUMBER FOLLOWING FIXTURE INDICATES SUBDIVISION OF FIXTURE TYPE. REFER TO SCHEDULES DWG MP-8.

ABBREVIATIONS

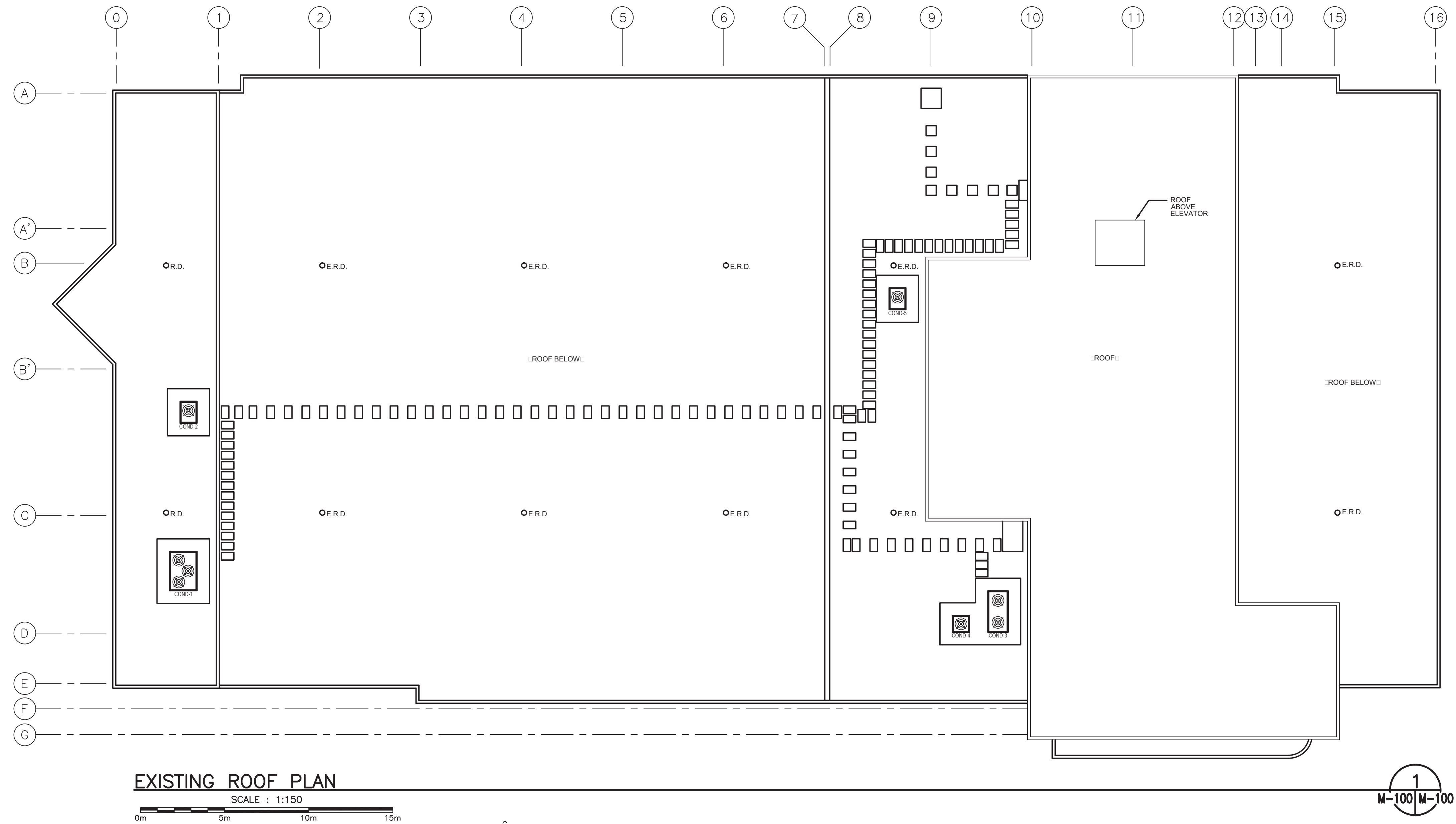
SA SUPPLY AIR
EA EXHAUST AIR
RA RETURN AIR
OA OUTSIDE AIR


- EXISTING EQUIPMENT TO REMAIN SHOWN LITE.
- EXISTING EQUIPMENT TO BE REMOVED SHOWN BOLD DASHED.
- NEW EQUIPMENT SHOWN BOLD.

EXISTING/NEW

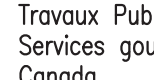
EXISTING TO REMAIN
DEMOLITION
NEW

CONTROLS	
ROOM THERMOSTAT CW/DIGITAL DISPLAY	① _S
ROOM TEMPERATURE SENSOR (STEEL PLATE TYPE)	①
DUCT TEMPERATURE SENSOR	① _D
AVERAGING DUCT TEMPERATURE SENSOR	① _A
IMMERSION TEMPERATURE SENSOR	① _I
OUTSIDE TEMPERATURE SENSOR	① _O
TWO WAY RADIATOR VALVE	② _R
THREE WAY REHEAT/COOLING COIL VALVE	③ _C
GLYCOL PRESSURE SENSOR	④ _G
DUCT RELATIVE HUMIDITY SENSOR	⑤ _H
OUTSIDE AIR RELATIVE HUMIDITY SENSOR	⑥ _H
DIFFERENTIAL PRESSURE SENSOR	⑦ _D
FILTER DIFFERENTIAL PRESSURE SENSOR	⑧ _F
STOP/START	S/S
STATUS	ST
AIR FLOW STATION	[AFS]
LIQUID FLOW SWITCH	[LFS]
CARBON MONOXIDE SENSOR	○ _{CO}
NITROGEN DIOXIDE SENSOR	○ _{NO2}
INFRARED DUCT MOUNT CARBON DIOXIDE SENSOR	○ _{CO2}
DAMPER MOTOR (PROPORTIONAL OR OPEN/CLOSE)	DM
VARIABLE FREQUENCY DRIVE	[VFD]
SMOKE STAT WIRED TO STARTERS	[SD]
COMBINATION MAGNETIC STARTER	[X] _J
DISCONNECT	[] _J







Public Works and
Government Services
Canada



Travaux Publics et
Services gouvernementaux
Canada



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
CLASS "A"
This Permit Allows
WSP CANADA INC.
Member in Responsible Charge:
TYLER GALLANT, P. Eng. No. 07969
To practice Professional Engineering
in Newfoundland and Labrador.
Permit No. as issued by PEBC, 10075
which is valid for the year 2017.




REGISTERED PROFESSIONAL ENGINEER
TYLER GALLANT
MAR 30, 2017
NEWFOUNDLAND & LABRADOR

prime consultant:


ARCHITECTURE 49

sub consultant:



GENERAL NOTES:

- CONTRACTOR TO VERIFY ALL DIMENSIONS & EXISTING CONDITIONS ON SITE. ANY DISCREPANCIES OR UNSATISFACTORY CONDITIONS TO BE REPORTED TO THE OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- COORDINATE ALL MECHANICAL WORK INCLUDING REMOVAL OF EXISTING MECHANICAL EQUIPMENT ON SITE WITH THE GENERAL CONTRACTOR, OTHER TRADES AND THE OWNER'S REPRESENTATIVE.
- INFORMATION PERTAINING TO EXISTING MECHANICAL EQUIPMENT SHOWN ON THE DRAWINGS IS BASED ON AS-BUILT INFORMATION PROVIDED BY THE OWNER. THESE DRAWINGS MAY NOT FULLY OR ACCURATELY REFLECT THE EXISTING CONDITIONS. EQUIPMENT AND SERVICES MAY NOT BE IN THE EXACT LOCATION SHOWN. CONFIRM ALL EXISTING CONDITIONS IN FIELD. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF ARCHITECTURAL WORK.
- WHERE MECHANICAL SERVICES (PIPING, DUCT, ELECTRICAL AND CONTROLS) ARE CALLED UP TO BE REMOVED COMPLETE, ALL REDUNDANT SERVICES TO BE CAPED/CONCEALED IN CEILING, WALLS OR BELOW FLOOR. CAP REDUNDANT SERVICES BACK WITHIN 150mm OF PIPE MAIN, DUCT MAIN, JUNCTION BOX, PANEL, ETC.
- TEST ADJUST AND BALANCE ALL AIR SYSTEMS TO VALUES SHOWN ON DRAWINGS AND AS DETAILED IN ACCORDANCE WITH THE CONTROL SEQUENCE. INCLUDE ALL MODES OF OPERATION IN THE TAB. COORDINATE THE SAME WITH THE TAB CONTRACTOR. TAB CONTRACTOR SHALL BE NEBB CERTIFIED.
- ALL DEMOLITION TO BE CARRIED OUT IN ACCORDANCE WITH THE ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 TO A-107.
- MECHANICAL COMMISSIONING TO BE COMPLETED IN ACCORDANCE WITH THE ARCHITECTURAL PHASING DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS A-104 TO A-107. MECHANICAL CONTRACTOR IS RESPONSIBLE TO COORDINATOR COMMISSIONING SCHEDULE WITH COMMISSIONING AGENT.

0	ISSUED FOR TENDER	MARCH 30, 2017
revisions		date
project	WABUSH ATB RENOVATION	project
	WABUSH AIRPORT	
	WABUSH, NL	
drawing	NEW ROOF PLAN & LEGEND	dessin
designed	TG	conçu
date		
drawn	KK	dessiné
date	APRIL 2016	
approved		approuvé
date		
Tender		Soumission
PWSC Project Manager	Administrateur de projets IPSOC	
project number	R.076412.001	no. du projet
drawing no.	M-100	no. du dessin

E-DRM/CDD-E: 540135 VERSION 1