

PROVINCE OF NEWFOUNDLAND AND LABRADOR.  
PEGA PERMIT HOLDER  
This Permit Allows  
COLES ASSOCIATES LTD.  
To practice Professional Engineering  
in Newfoundland and Labrador.  
Permit No. as issued by PEGA N.0503  
which is valid for the year 2020



1	Issued for Tender	06/18 2020
revisions		date

project DFO  
project ST. LEWIS  
project BUILDING UPGRADES

drawing MECHANICAL  
dessein DEMOLITION PLANS

designed S.W.W., P.ENG	conçu
date JUNE, 2020	
drawn R.L.C., P.ENG	dessiné
date JUNE, 2020	
approved D.A.C., P.ENG	approuvé
date JUNE, 2020	
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSC
project number	no. du projet

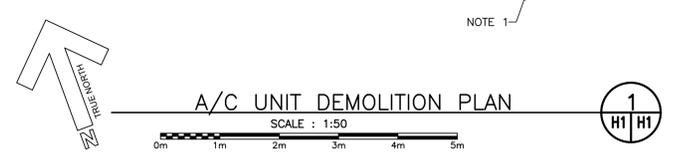
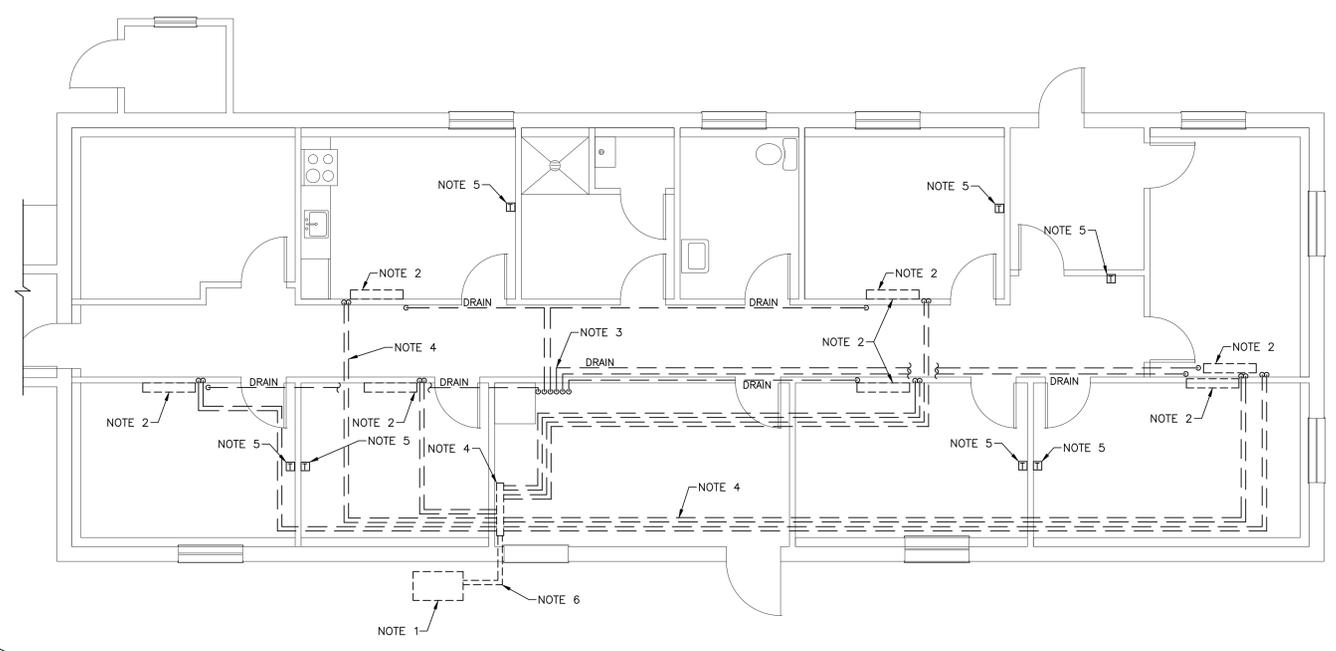
R.108233.001

drawing no. H1 OF 5  
no. du dessin

**PLUMBING LEGEND:**

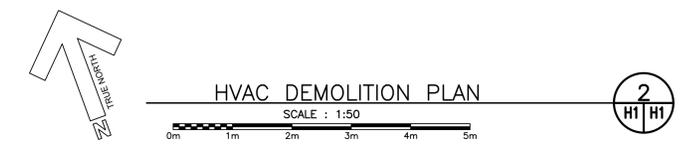
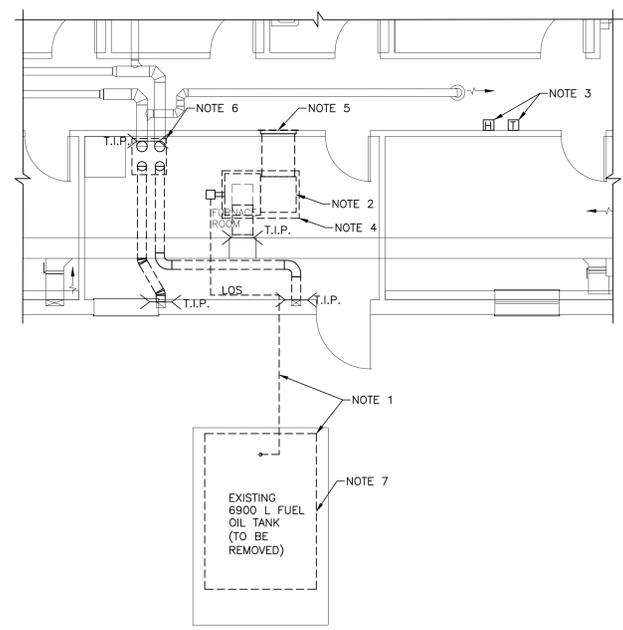
	GATE VALVE/ BALL VALVE
	CHECK VALVE
	R.P.P. BACKFLOW PREVENTER
	PRESSURE REDUCING VALVE
	PRESSURE RELIEF VALVE
	3 WAY CONTROL VALVE
	PIPE TO DRAIN
	PUMP
	UNION
	PIPE INSULATION
	CONCENTRIC REDUCER
	TIE IN POINT
	PIPE CONTINUATION
	PERMANENT CAP
	STRAINER
	TEMPERATURE GAUGE
	AUTOMATIC AIR VENT
	PRESSURE GAUGE
	HEAT TRACING (INSULATED)
	THERMOSTAT
	CIRCUIT BALANCE VALVE
	FIRE DAMPER
	LIQUID FLOW PROVING SWITCH
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	LIGHT OIL SUPPLY (LOS)
	HOT WATER SUPPLY (HWS)
	HOT WATER RETURN (HWR)
	REFRIGERANT LIQUID (RL)
	REFRIGERANT GAS (DISCHARGE) (RD)
	DRAINLINE (SAN)
	EQUIPMENT TO BE REMOVED
	DUCT INSULATION

- DRAWING NOTES**
- DEMOLISH EXISTING SPLIT MULTIZONE AIR CONDITIONING UNIT (MITSUBISHI PUMY-P48NHMU). ELECTRICALLY DISCONNECT, AND PUMPDOWN REFRIGERANT, RECOVER AND DISPOSE OF APPROPRIATELY. SEAL PENETRATIONS TO THE FACILITY.
  - DEMOLISH ALL INDOOR EVAPORATOR UNITS (PKFY-POBNAMU-E) FROM WITHIN THE FACILITY. PATCH ANY PENETRATIONS IN THE WALL BEHIND THE UNITS, AND TOUCH UP PAINT AND FINISHES CONSISTENT WITH THE SURROUNDINGS.
  - DEMOLISH ALL BRANCH EQUIPMENT DRAIN LINES ROUTED THROUGH THE ATTIC SPACE TO THE MECHANICAL ROOM FROM THE INDIVIDUAL INDOOR EVAPORATOR UNITS.
  - DEMOLISH ALL REFRIGERANT LINES WITHIN THE BUILDING, AFTER THE LINES HAVE BEEN APPROPRIATELY PUMPED DOWN, AND DEPRESSURIZED.
  - DEMOLISH ALL CONTROL THERMOSTATS AND CONTROL WIRING RELATED TO THE CENTRAL AIR CONDITIONING SYSTEM.
  - THE CONTRACTOR SHALL APPROPRIATELY CAPTURE AND PROPERLY DISPOSE OF THE EXISTING HALOCARBON REFRIGERANT IN COMPLIANCE WITH 'DEPARTMENT OF FISHERIES AND OCEANS HALOCARBON MANAGEMENT PROCEDURE', IN APPENDIX A OF THE SPECIFICATION DOCUMENT. THE REQUIREMENTS ARE INCLUSIVE OF, BUT NOT LIMITED TO THE COMPLETION OF A 'DISPOSAL OR DECOMMISSIONING NOTICE', AND THE WORK MUST BE COMPLETED BY A LICENSED TRADESPERSON WHO HOLDS A REFRIGERATION CODE OF PRACTICE CERTIFICATE, AND HAS FORMALLY REVIEWED THE FEDERAL HALOCARBON REGULATION.



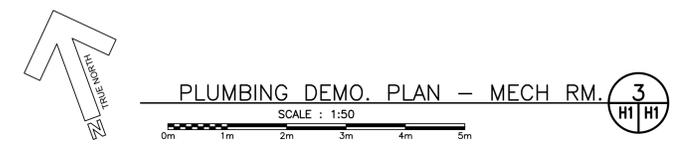
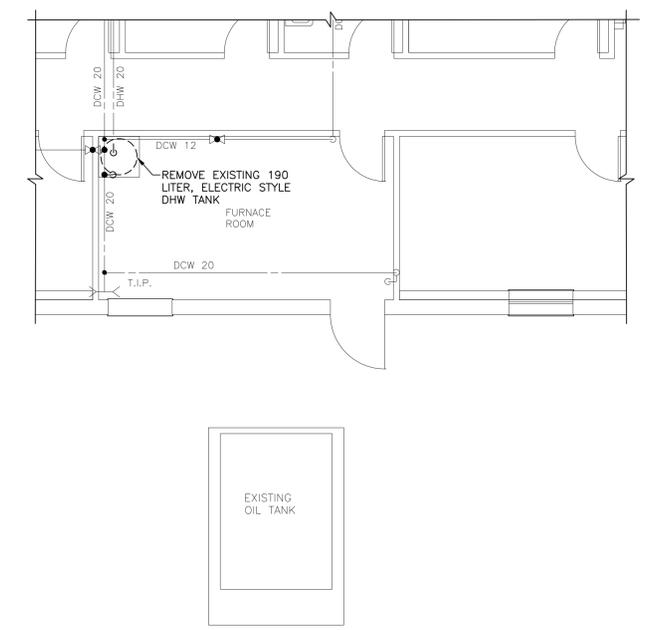
A/C UNIT DEMOLITION PLAN

1  
H1 H1



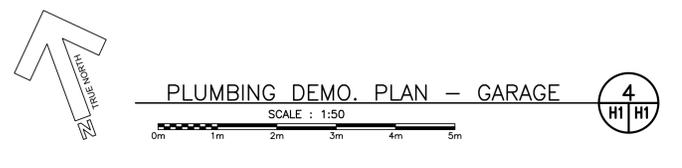
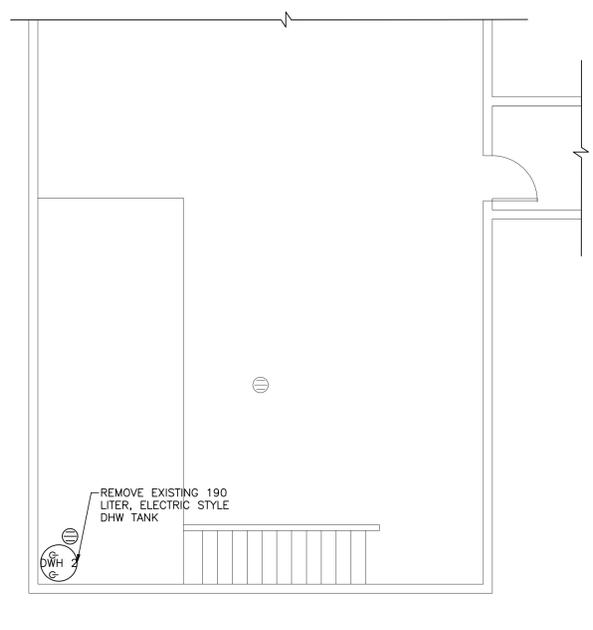
HVAC DEMOLITION PLAN

2  
H1 H1



PLUMBING DEMO. PLAN - MECH. RM.

3  
H1 H1



PLUMBING DEMO. PLAN - GARAGE

4  
H1 H1

ALL MECHANICAL WORK TO BE COMPLETED DURING PHASE 2 OF THIS PROJECT  
SEE SPECIFICATION SECTION 01 11 00 SUMMARY FOR CLARIFICATION