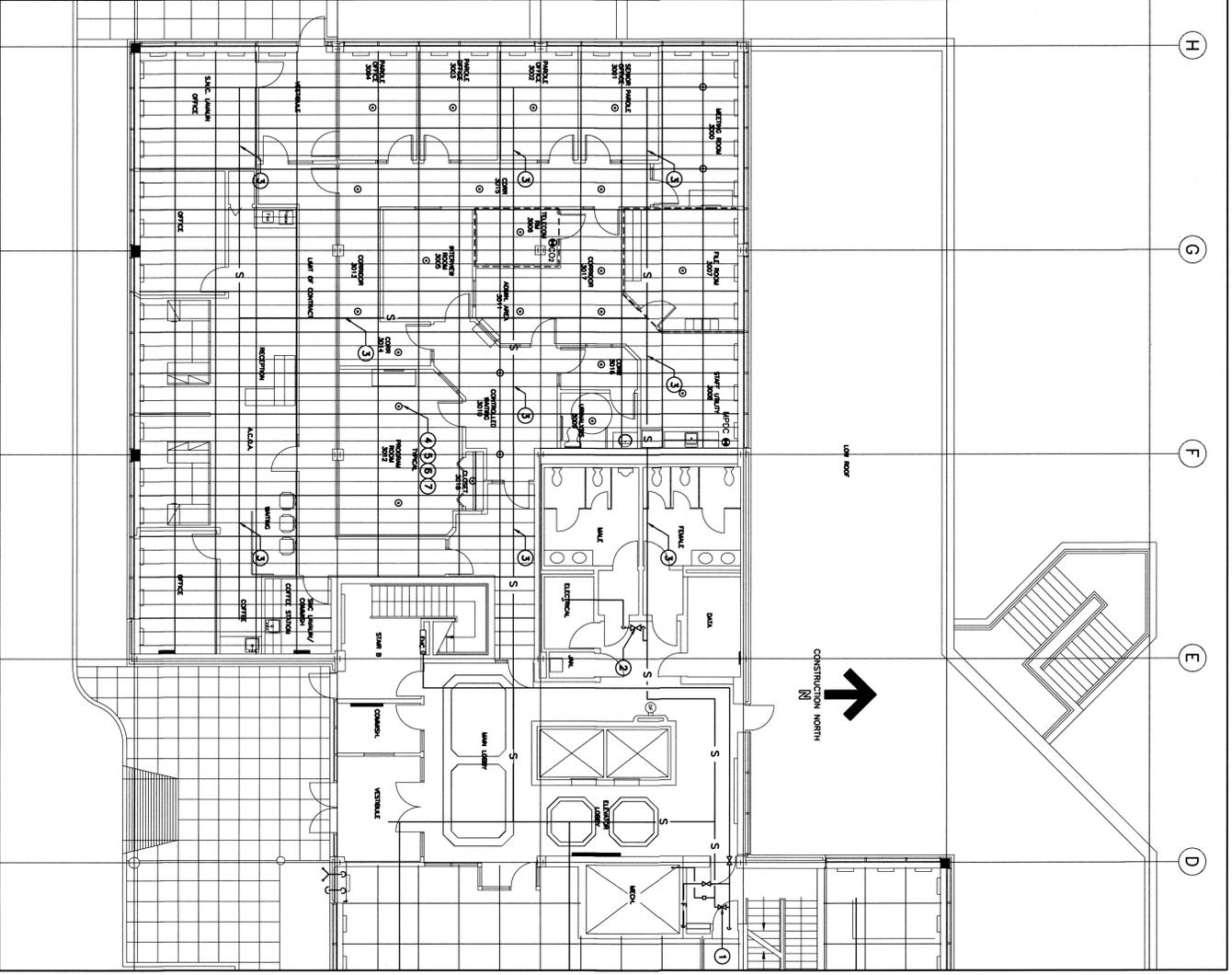




PROVINCE OF NEWFOUNDLAND AND LABRADOR  
REGISTERED PROFESSIONAL ENGINEER  
PERMIT HOLDER  
This Permit Allows  
STANTEC CONSULTING LTD.  
To practice Professional Engineering  
Permit No. as issued by PEGO 20291  
which is valid for the year 2014.

revision	0	ISSUED FOR TENDER	REC. 10
project			2014
designer	W.P.		
date	2014.08.20		
drawn	JH		
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approved			
checked			
title	PAROLE OFFICE FIT-UP OSC		
author	MECHANICAL PART PLAN FIRE PROTECTION & LEGEND		
project number	R.063716.003		
drawing no.	M3		



1 PART PLAN - LEVEL 3 FIRE PROTECTION  
M-3  
1 : 100

- DRAWING NOTES
- EXISTING LOCAL CONTROL VALVE
  - EXISTING SUPERSEDED BALL VALVE FOR ELECTRICAL ROOM SPRINKLER.
  - EXISTING SPRINKLER MAINS. CONTRACTOR TO VERIFY LOCATION ON MAINS.
  - SPRINKLER LAYOUT ON THIS PLAN IS TO BE USED AS A GUIDE ONLY. SPRINKLER CONTRACTOR PROVIDE HYDRAULIC CALCULATIONS TO VERIFY THE QUANTITY OF EXISTING HEADS.
  - THERE ARE EXISTING SPRINKLER HEADS IN THE PLAN TO BE REMOVED AND REPLACED TO VERIFY THE QUANTITY OF EXISTING HEADS.
  - EXISTING SPRINKLER HEADS TO BE RELOCATED TO SUITE NEW ROOM LAYOUTS.
  - CONTRACTOR TO SUPPLY AND INSTALL NEW SPRINKLER HEADS AS NECESSARY TO MEET THE REQUIREMENTS OF NFPA 13.

AIR DISTRIBUTION	PLUMBING SYSTEMS
<p>RECTANGULAR AND ROUND SUPPLY AIR DUCT SECTION UP</p> <p>RECTANGULAR AND ROUND SUPPLY AIR DUCT SECTION DOWN</p> <p>RECTANGULAR AND ROUND RETURN AIR DUCT SECTION UP</p> <p>RECTANGULAR AND ROUND RETURN AIR DUCT SECTION DOWN</p> <p>RECTANGULAR AND ROUND EXHAUST AIR DUCT SECTION UP</p> <p>RECTANGULAR AND ROUND EXHAUST AIR DUCT SECTION DOWN</p> <p>TRANSITION (SQUARE TO ROUND)</p> <p>DUCT WITH DUCT SIZE TAG FIRST NUMBER IS SIDE SHOWING</p> <p>ROUND DUCT</p> <p>ACOUSTIC LINED DUCT, DIMENSIONS ON DRAWING REFER TO INSIDE FREE AREA</p> <p>SUPPLY AIR DIFFUSER OR RETURN AIR GRILLE IN 1/3</p> <p>FIRE DAMPER</p> <p>TURNING VANES (SQUARE ELBOW)</p> <p>NEW FLEXIBLE DUCTWORK</p> <p>CEILING DIFFUSER ROUND AND SQUARE</p> <p>CEILING MOUNTED RETURN GRILLE</p> <p>LINEAR SLOT DIFFUSER</p> <p>VAV BOX</p>	<p>PIPING</p> <p>SANITARY AND OR WASTE ABOVE GROUND</p> <p>SANITARY AND OR WASTE BELOW GROUND</p> <p>DOMESTIC COLD WATER</p> <p>DOMESTIC HOT WATER SUPPLY</p> <p>PLUMBING</p> <p>CLEANOUT BROUGHT UP TO FINISHED FLOOR</p> <p>CLEANOUT IN CRAWL SPACE OR BEHIND ACCESS DOOR</p> <p>FLOOR DRAIN WITH TRAP</p> <p>WATER CLOSET FLOOR MOUNTED</p> <p>LAVATORY</p> <p>SINK</p> <p>FEATURE TAG</p> <p>P TRAP</p> <p>C.O.</p> <p>C.O.</p> <p>C.O.</p> <p>C.O.</p>
<p>EXISTING SANITARY AND OR WASTE BELOW GROUND</p> <p>EXISTING STORM DRAIN</p> <p>EXISTING COLD WATER</p> <p>EXISTING HOT WATER SUPPLY</p> <p>EXISTING FIRE PROTECTION WATER</p> <p>EXISTING PIPE OF TYPE INDICATED TO BE REMOVED</p> <p>EXISTING SUPPLY RETURN AND EXHAUST DUCT WORK</p> <p>EXISTING DUCTWORK TO BE REMOVED</p> <p>EXISTING FLEXIBLE DUCTWORK TO REMAIN</p> <p>EXISTING LINEAR SLOT DIFFUSERS IN EXISTING LOCATIONS</p> <p>RELOCATED LINEAR SLOT DIFFUSER LOCATION</p>	<p>NEW LOW VOLTAGE THERMOSTATS TO REPLACE EXISTING</p> <p>PIPING</p> <p>SPRINKLER MAIN</p> <p>FIRE PROTECTION EQUIPMENT</p> <p>SPRINKLER, PENDANT TYPE</p> <p>UPRIGHT HEAD, TYPE 'B'</p> <p>SIDEWALL HEAD, TYPE 'C'</p> <p>MULTI-PURPOSE DRY CHEMICAL EXTINGUISHER</p> <p>CARBON DIOXIDE FIRE EXTINGUISHER</p> <p>M.P.D.C.</p> <p>CO<sub>2</sub></p> <p>NEW LOW VOLTAGE THERMOSTATS TO REPLACE EXISTING</p>
<p>EXISTING SYSTEMS</p>	<p>CONTROLS AND INSTRUMENTATION</p>

2 LEGEND  
M-3