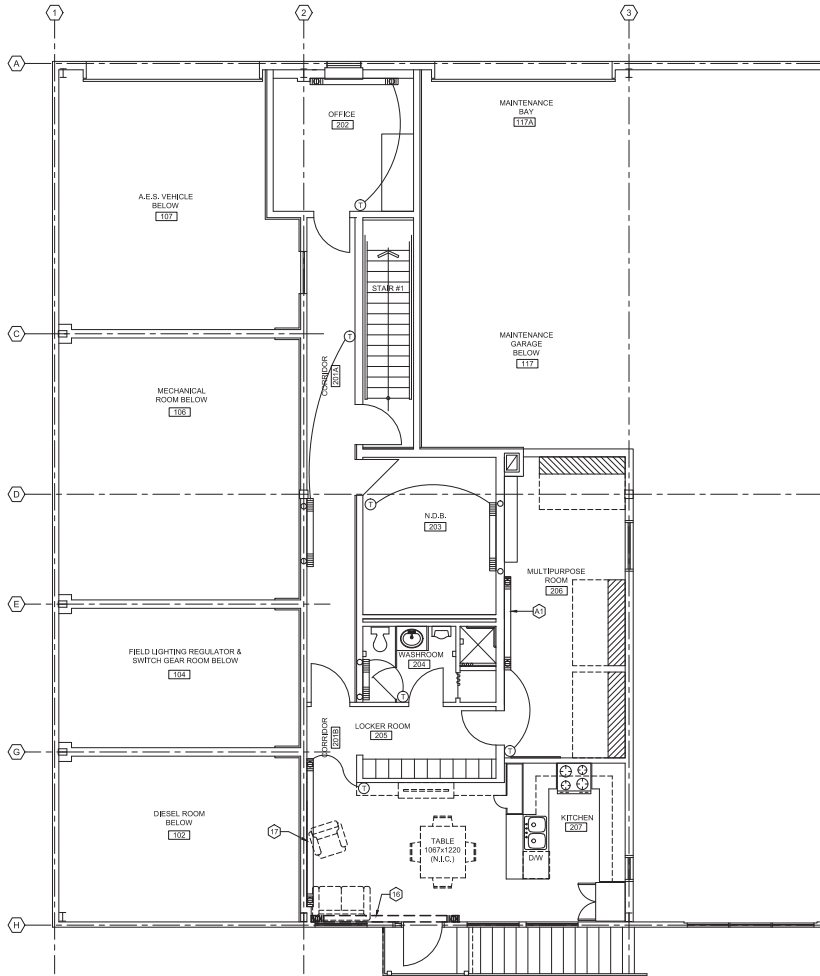


DRAWING NOTES:

- ① HEATING BOILER TO REMAIN.
- ② HYDRONIC HEATER TO REMAIN, (TYPICAL).
- ③ DOMESTIC HOT WATER TANK TO REMAIN.
- ④ HYDRONIC HEATING PUMPS TO REMAIN.
- ⑤ HOT WATER SUPPLY & RETURN PIPING AND ASSOCIATED VALVES AND HYDRONIC SUPPLY PUMPS FROM BOILER TO REMAIN.
- ⑥ AIR SEPARATOR TO REMAIN.
- ⑦ COMPRESSION TANK TO REMAIN.
- ⑧ EXISTING PUMP SERVING HEAT RECOVERY UNIT TO REMAIN.
- ⑨ SUPPLY AND RETURN PIPING TO HEAT RECOVERY UNIT.
- ⑩ CIRCUIT SETTER, (REUSE EXISTING).
- ⑪ 3 WAY MIXING VALVE, (REUSE EXISTING).
- ⑫ FLOW CONTROL VALVE, (REUSE EXISTING).
- ⑬ EXISTING HYDRONIC PIPING AND ASSOCIATED VALVES TO REMAIN.
- ⑭ FOR CONTINUATION OF HYDRONIC PIPING SEE DRAWING M11.
- ⑮ 3 NPS SUPPLY AND RETURN HYDRONIC PIPING RISE UP, ZONE SERVING VERTICAL UNIT HEATERS.

- ⑯ EXISTING HEATER IN LUNCH ROOM TO BE RELOCATED.
- ⑰ NEW LOCATION OF RELOCATED HEATER IN LUNCH ROOM.



NEW HEATING PLAN - LEVEL 2

SCALE: 1:50

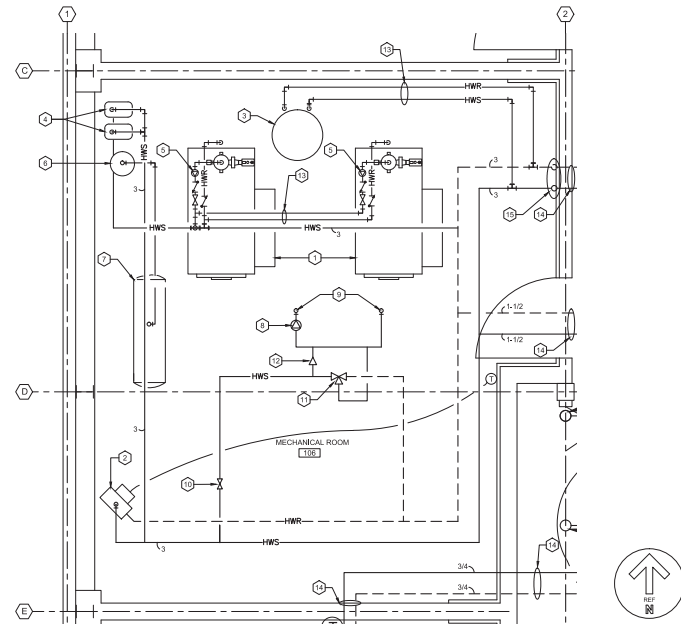
0m 1m 2m 3m 4m 5m

02

M13

CONSTRUCTION NOTES:

1. THESE DRAWINGS REASONABLY REPRESENT EXISTING CONDITIONS. ACTUAL CONDITIONS MAY DEVIATE FROM THAT SHOWN/IDENTIFIED ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS, CHECK ALL DIMENSIONS, AND VERIFY MATERIALS REQUIRED TO COMPLETE THIS WORK. CONTRACTOR SHALL INFORM THE ENGINEER/PROJECT MANAGER OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
2. REMOVE FROM SITE DEMOLISHED MATERIALS, DEBRIS, AND RUBBISH. DISPOSE DEMOLISHED MATERIALS AS PER THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
3. COMPLETE ALL WORK IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (LATEST EDITION).
4. THIS DEMOLITION PLAN IS MEANT TO BE A CONVENIENCE TO THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION NECESSARY FOR THE INSTALLATION OF THE NEW WORK WHETHER SHOWN HERE OR NOT.
5. BUILDING IS TO REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. CONTRACTOR TO MAINTAIN OPERATIONAL SECURITY AND WEATHER TIGHT.
6. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY REMOVAL/RELOCATION OF MECHANICAL SYSTEMS WHICH INTERFERE WITH COMPLETING THE REPAIR WORK INDICATED ON THE DRAWINGS. MECHANICAL SYSTEMS TO BE REINSTATED ONCE REPAIR WORK IS COMPLETE. ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, BY LICENSED TRADES PEOPLE.
7. ALL ITEMS WILL BE COORDINATED WITH STRUCTURAL, ARCHITECTURAL, ELECTRICAL, AND CIVIL DURING CONSTRUCTION STAGE.
8. THE MECHANICAL CONTRACTOR IS TO COORDINATE WITH ARCHITECTURAL DRAWINGS TO ASCERTAIN WHAT EXTERIOR EQUIPMENT AND DEVICES ARE TO BE TEMPORARILY REMOVED TO ACCOMMODATE THE REMOVAL OF EXTERIOR SIDING AND ROOF COVERING. INCLUDE IN TENDER THE COST FOR REMOVAL AND REINSTALLATION FOR SUCH EQUIPMENT AND DEVICES.
9. CONTRACTOR TO REFER TO SPEC SECTION '01 35 13.13 SPECIAL PROCEDURES FOR AIRPORT FACILITIES' FOR OPERATIONAL REQUIREMENTS.
10. THE LOCATION OF THERMOSTATS ARE SHOWN FOR INFORMATION ONLY. REFER TO ELECTRICAL DRAWINGS FOR LOCATION OF THE NEW THERMOSTATS. ALL FIELD WIRING AND CONDUIT IS BY O.N. 25.
11. THE CONTRACTOR IS RESPONSIBLE TO MATCH ALL NEW PIPE SIZES INSIDE OF MECHANICAL ROOM TO EXISTING PIPE SIZES.
12. CONTRACTOR TO BE AWARE THAT ROOM N.D.B. 203 IS NOT OWNED BY THE AIRPORT AND ANY WORK TO BE CONDUCTED IN THIS ROOM SHALL BE COORDINATED WITH PSPC.



MECHANICAL ROOM PART PLAN - LEVEL 1

SCALE: 1:25

0m 50mm 100mm 150mm 200mm 250mm

01

M13

C03	ISSUED FOR TENDER	06/30/2019
C02	RE-ISSUED FOR TENDER	02/14/2019
C01	ISSUED FOR TENDER	09/20/2018

revisions
project

MAINTENANCE GARAGE
REHABILITATION
ST. ANTHONY AIRPORT

drawing
detail

NEW MECHANICAL
HEATING PLAN
LEVEL 2 &
MECHANICAL ROOM

designed	D.M.	comp
date	2016.11.22	
drawn	D.B.	desig
date	2016.11.22	
approved	K.S.	approv
date	2016.11.22	
Tender	Submission	

PMSC Project Manager Administrateur de projets TPSC

project number no. du projet

R.077269.001

drawing no. no. du dessin

M13