



0	RELEASED FOR CONSTRUCTION	01/29/2016
revisions		date

project **NEW G.O.C.B SAINT-LÉONARD NEW BRUNSWICK** project

designer **SET** designer

date **JANUARY 29, 2016** date

approved **DAG** approved

date **FEBRUARY 17, 2016** date

Tender **Soumission**

PWGC Project Manager **Administrateur de projets TPSCC** no. du projet

R.069499.001

drawing no. **2300-1** no. du dessin

designed **RWM** conçu

date **JANUARY 29, 2016** date

drawn **SET** dessiné

date **JANUARY 29, 2016** date

approved **DAG** approuvé

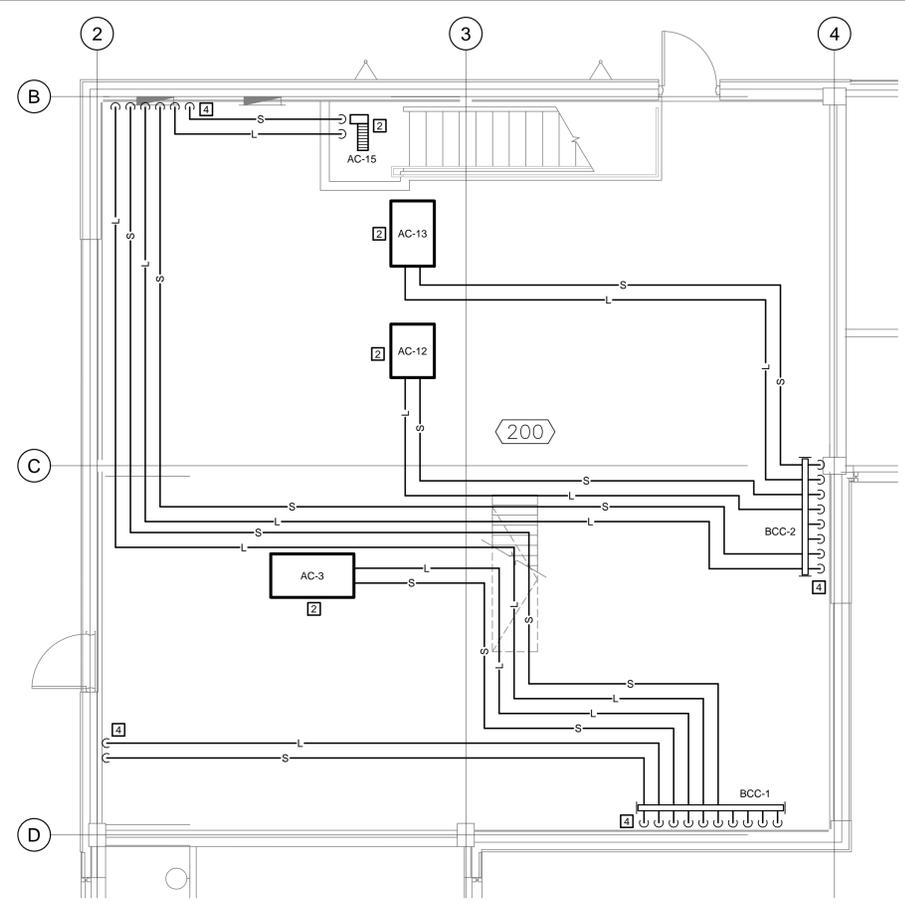
date **FEBRUARY 17, 2016** date

Tender **Soumission**

PWGC Project Manager **Administrateur de projets TPSCC** no. du projet

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FLOOR PLAN - REFRIGERANT PIPING
 SCALE: 1:50
 0m 1m 2m 3m 4m 5m

VARIABLE REFRIGERANT FLOW TERMINAL UNIT SCHEDULE				
UNIT TAG #	UNIT COOLING CAPACITY (kW)	UNIT HEATING CAPACITY (kW)	AIR FLOW (l/s) LOW-MED-HIGH	MITSUBISHI UNIT SELECTED (UNLESS NOTED OTHERWISE)
AC-1	3.52	3.96	125-150-175	PEFY-P12NMAU-E
AC-2	10.55	11.72	383-467-550	PEFY-P36NMAU-E
AC-3	10.55	11.72	383-467-550	PEFY-P36NMAU-E
AC-4	5.27	5.86	200-242-283	PEFY-P18NMAU-E
AC-5	10.55	11.72	383-467-550	PEFY-P36NMAU-E
AC-6	10.55	11.72	383-467-550	PEFY-P36NMAU-E
AC-7	4.39	4.98	167-200-233	PEFY-P15NMAU-E
AC-8	10.55	11.72	383-467-550	PEFY-P36NMAU-E
AC-9	4.39	4.98	167-200-233	PEFY-P15NMAU-E
AC-10	10.55	11.72	383-467-550	PEFY-P36NMAU-E
AC-11	14.06	15.82	467-567-667	PEFY-P48NMAU-E
AC-12	5.27	5.86	200-242-283	PEFY-P18NMAU-E
AC-13	10.55	11.72	383-467-550	PEFY-P36NMAU-E
AC-14	3.5	-	150-175-200	PKA-A12HA4
AC-15	8.8	-	471	JOHNSON BDX (DX)

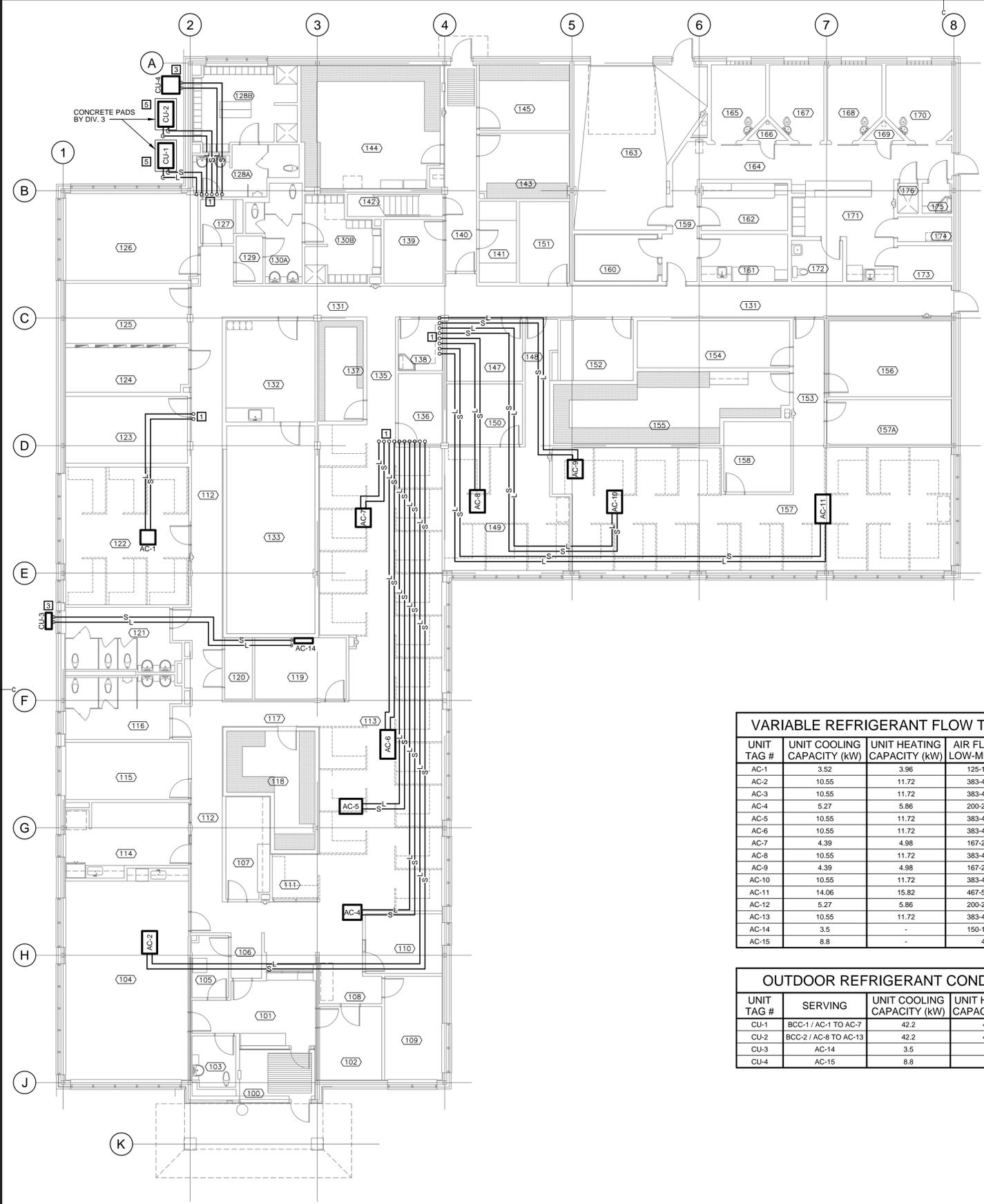
- GENERAL NOTES**
- REFRIGERANT PIPE TO BE SIZED ACCORDING TO EACH MANUFACTURER'S RECOMMENDATIONS.
 - ALL REFRIGERANT PIPING TO RUN IN CEILING SPACE OR EXPOSED IN PENTHOUSE WHERE AVAILABLE.
 - ALL EXPOSED PIPING OUTDOORS MUST BE COVERED AS PER ASHRAE 90.1-2013.
 - CONDENSATE DRAINS FOR AC UNITS BY DIV. 22.

- KEYNOTES**
- REFRIGERANT PIPING UP TO PENTHOUSE.
 - AC UNIT LOCATED IN PENTHOUSE.
 - CONDENSATE UNIT TO BE WALL MOUNTED WITH ALUMINUM CONSTRUCTED BRACKET.
 - REFRIGERANT PIPING DOWN THROUGH PENTHOUSE FLOOR. FIRESTOP OPENING REFER TO STRUCTURAL DRAWINGS FOR OPENING SIZE.
 - MOUNT CU-1 AND CU-2 ON ALUMINUM 600mm HIGH STAND.

LEGEND

AC-1	AIR CONDITIONING REFRIGERANT TERMINAL UNIT #1
BCC-1	BRANCH CIRCUIT CONTROLLER #1
CU-1	CONDENSER UNIT #1
S	REFRIGERANT SUCTION LINE
L	REFRIGERANT LIQUID LINE

OUTDOOR REFRIGERANT CONDENSER UNIT SCHEDULE				
UNIT TAG #	SERVING	UNIT COOLING CAPACITY (kW)	UNIT HEATING CAPACITY (kW)	MITSUBISHI UNIT SELECTED (UNLESS NOTED OTHERWISE)
CU-1	BCC-1 / AC-1 TO AC-7	42.2	46.9	PURY-P144TKMU-A
CU-2	BCC-2 / AC-8 TO AC-13	42.2	46.9	PURY-P144TKMU-A
CU-3	AC-14	3.5	-	PUY-A12NH44
CU-4	AC-15	8.8	-	YORK LX SERIES



FLOOR PLAN - MAIN LEVEL
 SCALE: 1:100
 0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m