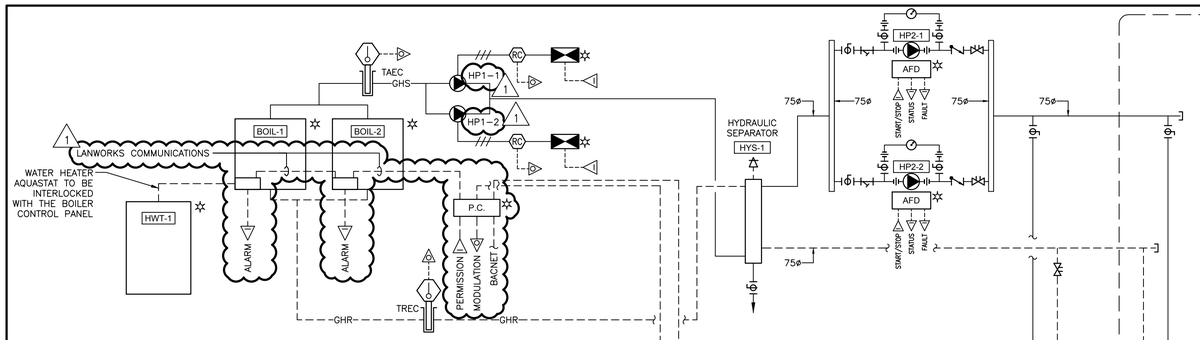
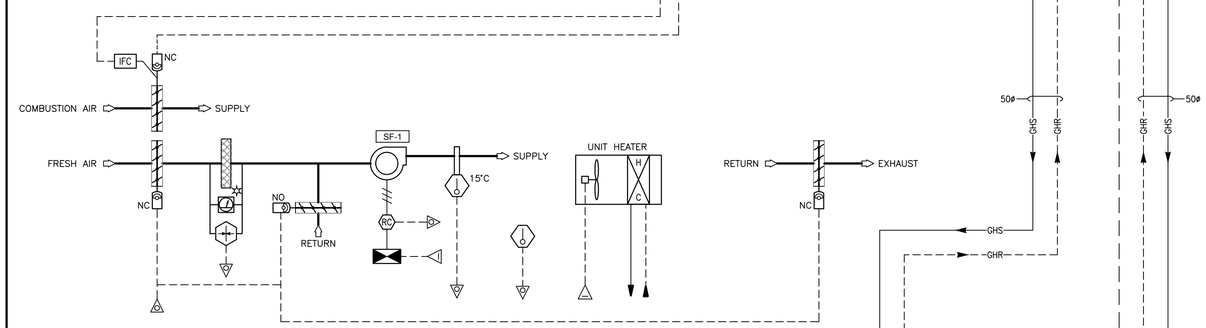
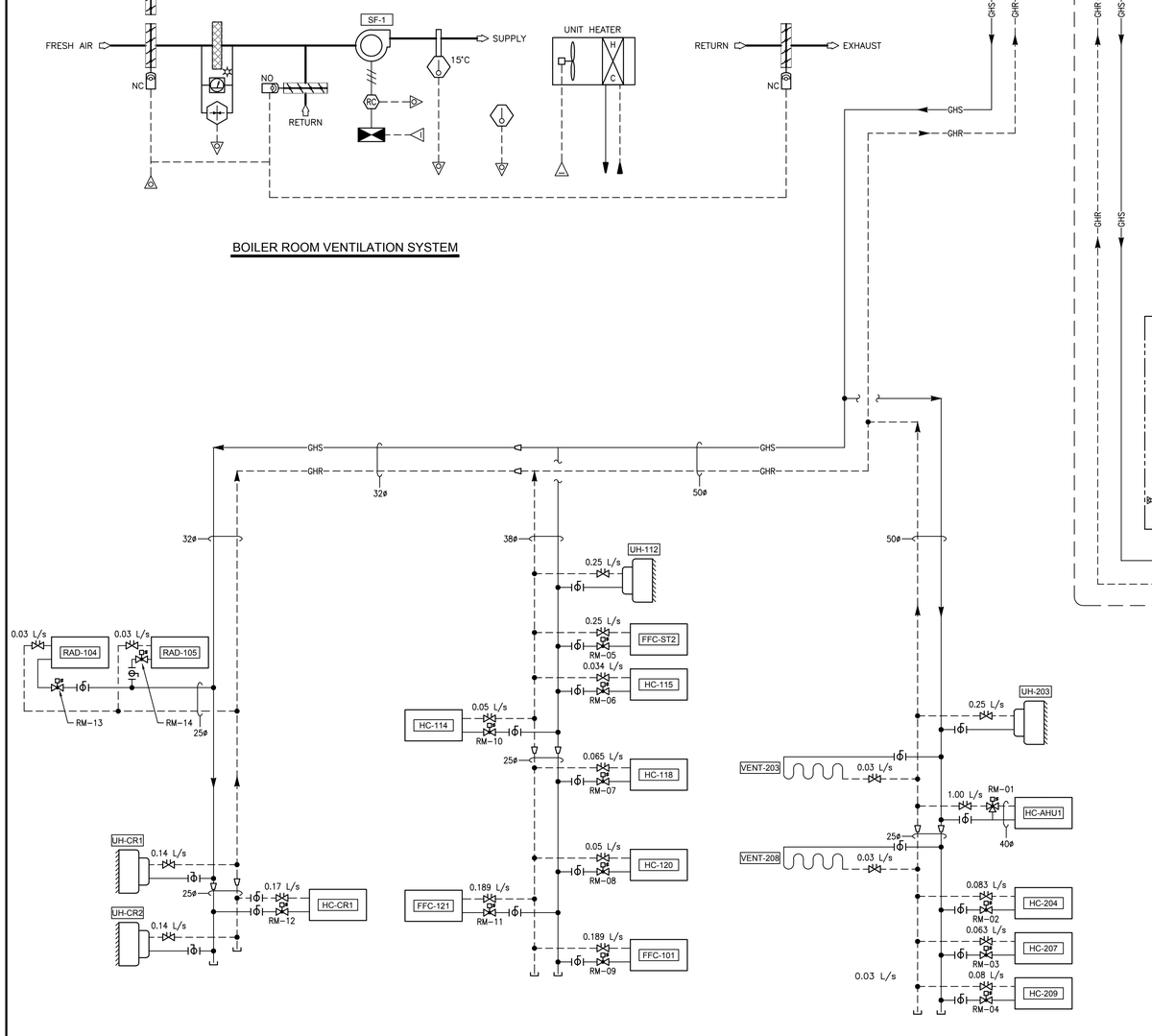
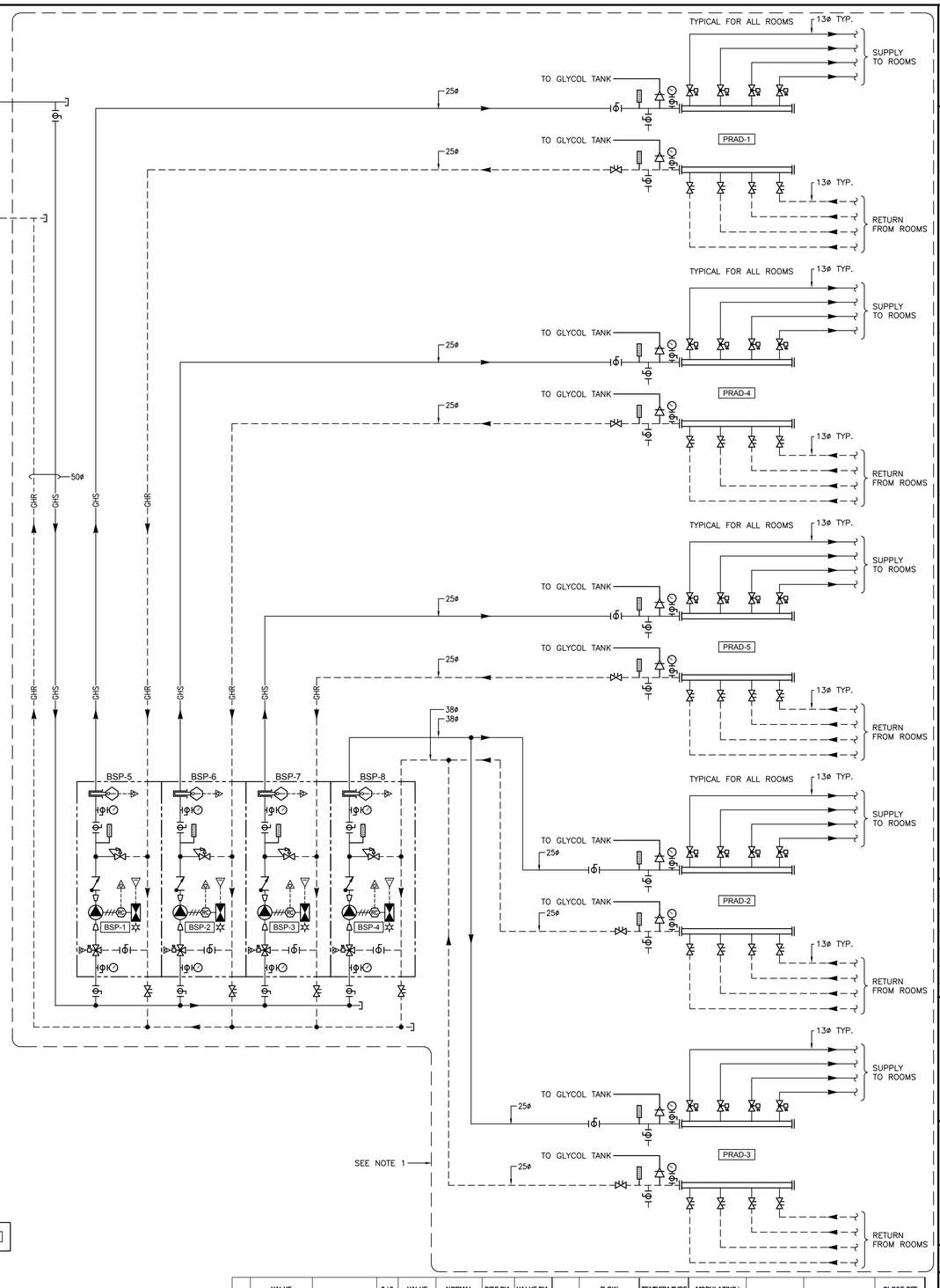


BOILER HEATING SYSTEM (MECHANICAL / ELECTRICAL ROOM 113)



BOILER ROOM VENTILATION SYSTEM





SPECIFIC NOTES:

1. ALL SIZING OF INFLOOR RADIANT HEATING SHALL BE DESIGNED CALCULATED BY THE MANUFACTURER. THE CALCULATIONS SHALL BE SIGNED BY AN ENGINEER.

ID	VALVE IDENTIFICATION	SYSTEM	2 / 3 WAY	VALVE TYPE	NORMAL POSITION	PIPE DIA. (mm)	VALVE DIA. (mm)	CV	FLOW (L/s)	TEMPERATURE °C	MODULATING / 2 POSITIONS	SPRING RETURN	FLUID	CLOSE OFF (kPa)
1	RM-01	HC-203	3	CCV	N.O.	40	32	10	1.00	71	MODULATING	YES	GLYCOL	1379
2	RM-02	HC-204	2	CCV	N.O.	15	15	0.8	0.08	71	MODULATING	YES	GLYCOL	1379
3	RM-03	HC-207	2	CCV	N.O.	15	15	0.8	0.06	71	MODULATING	YES	GLYCOL	1379
4	RM-04	HC-209	2	CCV	N.O.	15	15	0.8	0.08	71	MODULATING	YES	GLYCOL	1379
5	RM-05	FFC-ST2	2	CCV	N.O.	15	15	16	0.12	71	2-POSITIONS	YES	GLYCOL	1379
6	RM-06	HC-115	2	CCV	N.O.	15	15	0.3	0.03	71	MODULATING	YES	GLYCOL	1379
7	RM-07	HC-118	2	CCV	N.O.	15	15	0.8	0.06	71	MODULATING	YES	GLYCOL	1379
8	RM-08	HC-120	2	CCV	N.O.	15	15	0.46	0.05	71	MODULATING	YES	GLYCOL	1379
9	RM-09	FFC-101	2	CCV	N.O.	15	15	16	0.07	71	2-POSITIONS	YES	GLYCOL	1379
10	RM-10	HC-114	2	CCV	N.O.	15	15	0.46	0.05	71	MODULATING	YES	GLYCOL	1379
11	RM-11	FFC-121	2	CCV	N.O.	15	15	16	0.07	71	2-POSITIONS	YES	GLYCOL	1379
12	RM-12	HC-001	2	CCV	N.O.	15	15	1.9	0.20	71	MODULATING	YES	GLYCOL	1379
13	RM-13	RAD-104	2	CCV	N.O.	15	15	0.3	0.02	71	MODULATING	YES	GLYCOL	1379
14	RM-14	RAD-105	2	CCV	N.O.	15	15	0.3	0.02	71	MODULATING	YES	GLYCOL	1379

NOTES :
1. VALVES ARE SUPPLIED AND WIRED BY THE BUILDING MANAGEMENT CONTROLS CONTRACTOR AND ARE INSTALLED BY THE PLUMBING DIVISION.

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada
REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

PRELIMINARY
NOT FOR CONSTRUCTION

Architects / Architectes

EVOQ

1435, SAINT-ALEXANDRE STREET, SUITE 1000
MONTREAL (QUEBEC) H3A 2G4
T. 514-393-9490 F. 514-393-9498
info@evoqarchitecture.com

Engineers / Ingénieurs

SNC·LAVALIN
Infrastructure Engineering
Eastern Canada

SNC-Lavalin inc.
455, René-Lévesque Blvd. West
Montreal (Quebec) H2Z 1Z3 Canada
Telephone: (514) 393-8000
www.snclavalin.com

Michael Smith 5017715 2018-04-12

Revision	Description	Date
1	ISSUED FOR ADDENDUM NO 1	2018-04-12
0	ISSUED FOR TENDER	2018-03-16

Client / client

Indigenous and Northern Affairs Canada

Public Works and Gouvernment Services Canada

Project title / Projet

NEW IQALUIT DAYCARE

Designed by / Conçu par: **M.S.**
Drawn by / Dessiné par: **J.F.**
Approved by / Approuvé par: **M.S.**
PWGSC Project Manager / Administrateur de Projets TPSGC: **Russell Knister**

Drawing title / Titre du dessin

MECHANICAL

CONTROL DIAGRAMS

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
648139	M603 22 OF 22	1