

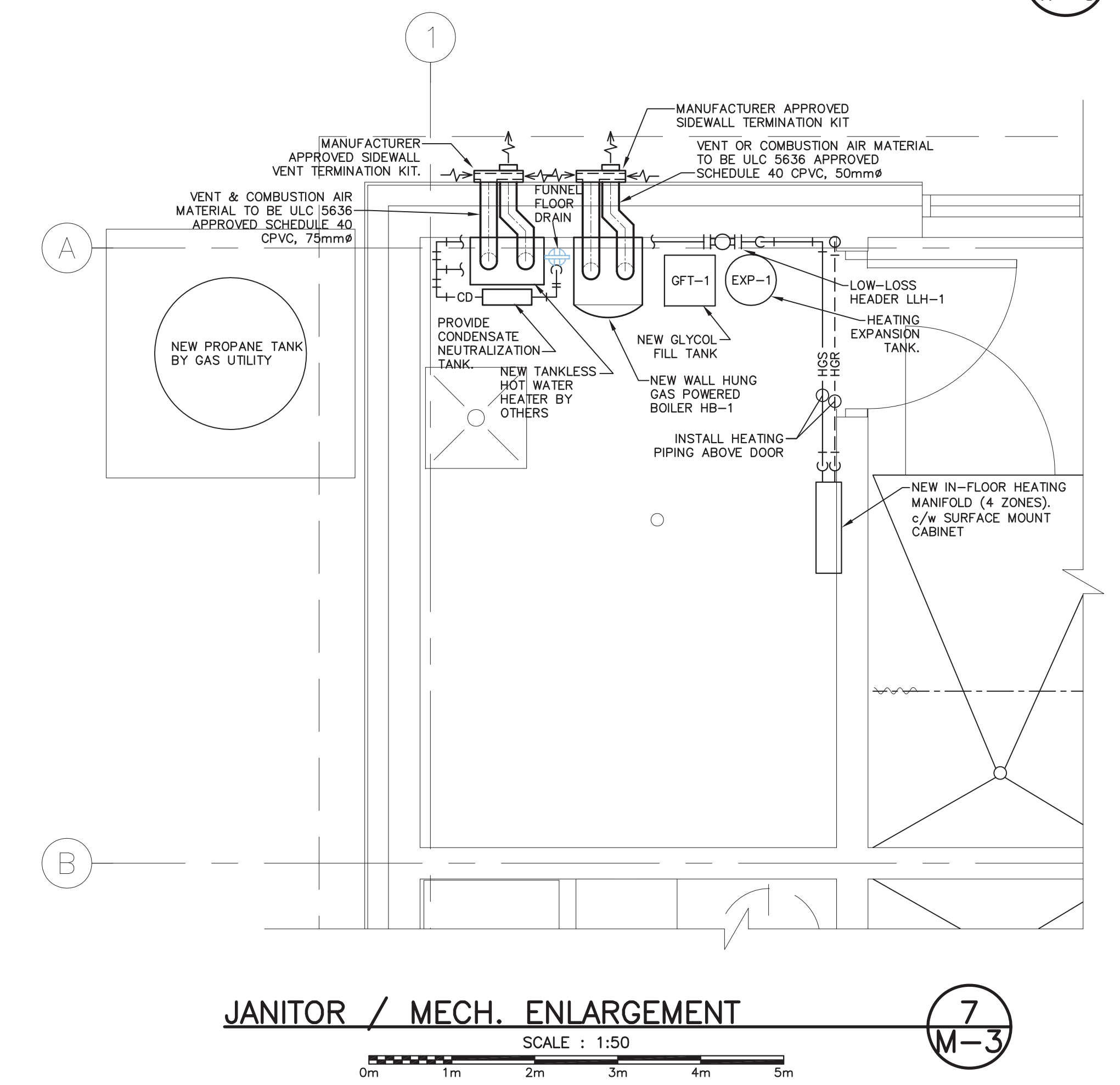
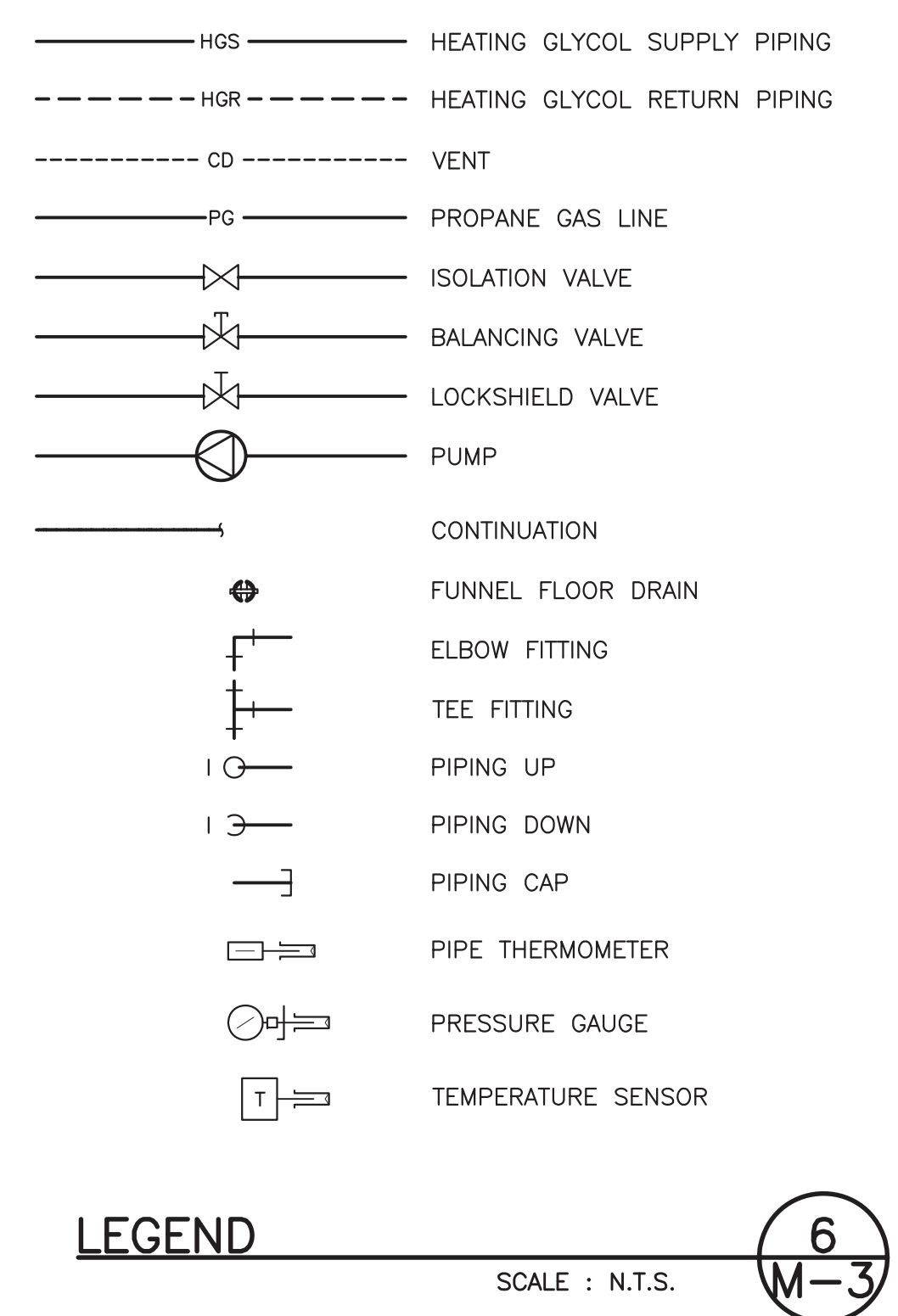
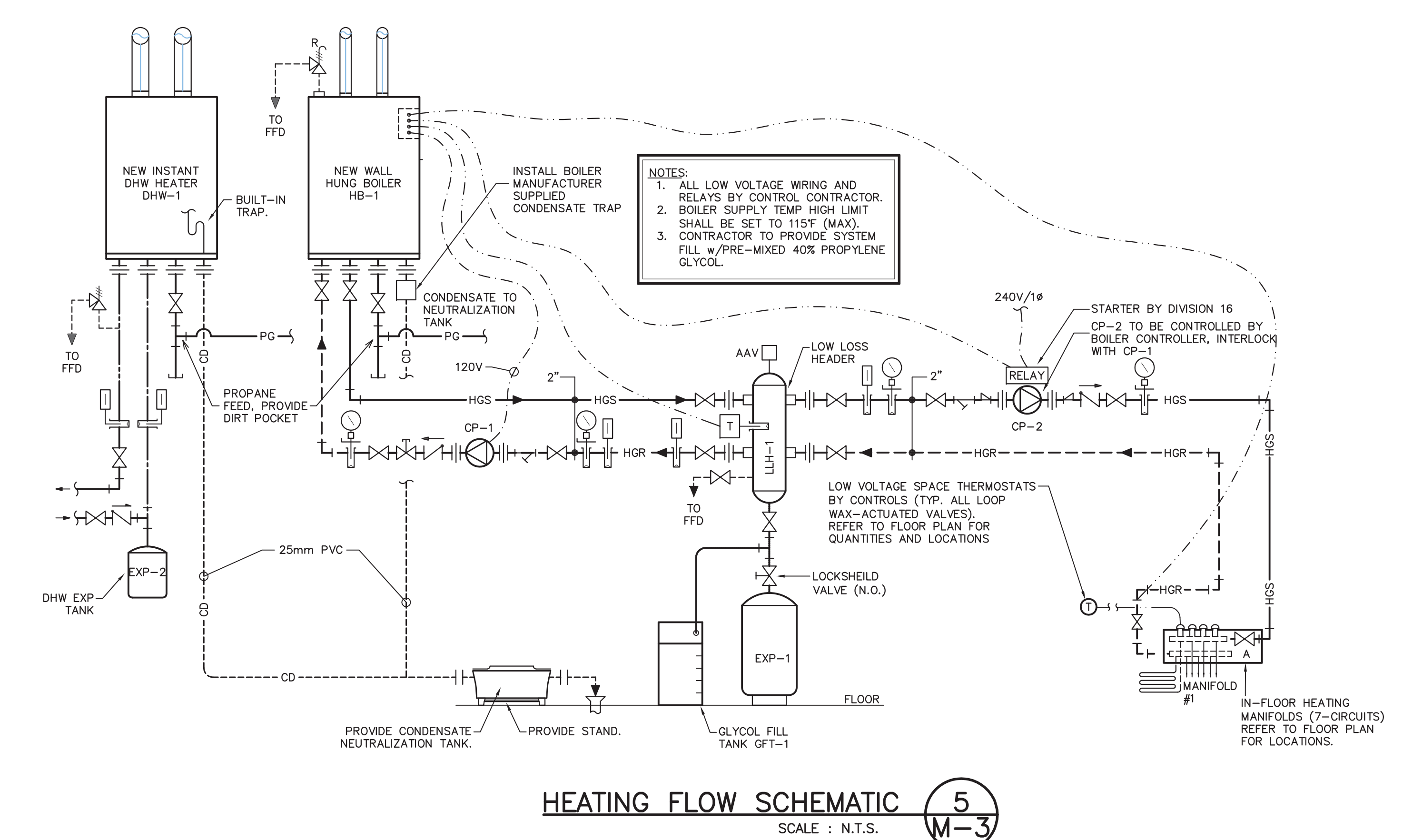
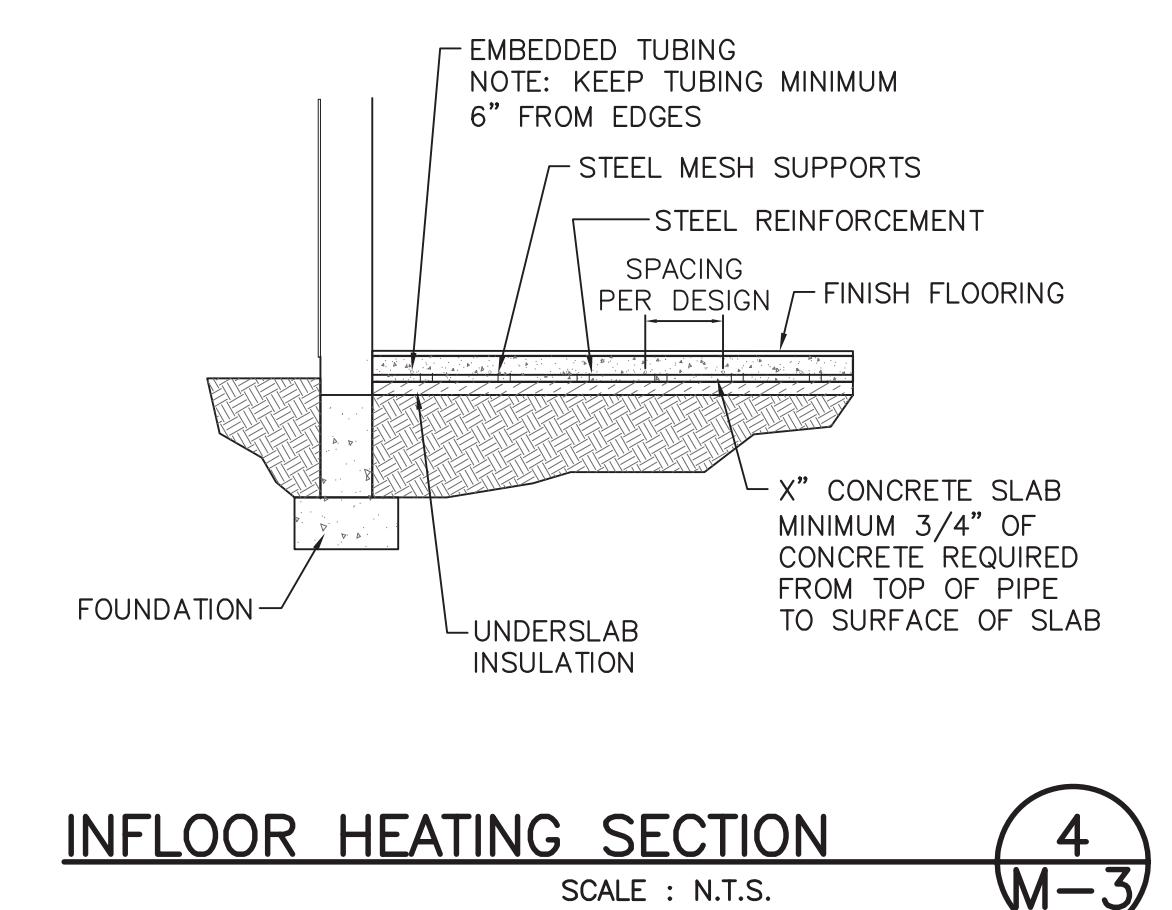
IN-FLOOR HEATING SCHEDULE										
CIRCUIT	ROOMS SERVED	TOTAL LENGTH	TUBE SPACING	AREA COVERT (FT²)	TUBING	FLOWRATE (GPM)	HEAD LOSS (FT)	TEMP DROP (°F)	LOAD (BTU/H)	ACTUATOR
A-1	HALLWAY/ENTRY	218'	6"	97	HePEX 1/2"	0.39	2.5	20	3424	YES
A-2	LADIES W/R - SHOWERS	273'	6"	148	HePEX 1/2"	0.57	6.0	20	5270	YES
A-3	MENS W/R SHOWERS	219'	6"	123	HePEX 1/2"	0.48	3.6	20	4439	YES
A-4	LARGE STORAGE ROOM	242'	6"	127	HePEX 1/2"	0.49	4.1	20	4491	YES
A-5	MENS W/R - SHOWERS	236'	6"	116	HePEX 1/2"	0.45	3.6	20	4183	YES
A-6	HALLWAY/ENTRY	233'	6"	118	HePEX 1/2"	0.47	3.7	20	4195	YES
A-8	LADIES W/R - SHOWERS	268'	6"	140	HePEX 1/2"	0.54	5.4	20	4984	YES
TOTAL	-	1690'	-	870	-	3.39	6.0	-	30987	7

IN-FLOOR HEATING MANIFOLD SCHEDULE						
NAME	MANIFOLD TYPE	# CIRCUIT	TUBING SIZE	SUPPLY TEMP (°F)	TOTAL FLOW (USGPM)	HEADLOSS (ft WATER)
MANIFOLD 1	1" STAINLESS STEEL MANIFOLD WITH WAX-ACTUATED VALVES & FLOW INDICATORS	7	1/2"	115	3.4	6.5

PROPANE GAS-FIRED HEATER SCHEDULE										
TAG	TYPE	MANUFACTURER & MODEL	CAPACITY		HEAT EXCHANGER LENGTH	AIR VOLUME (CFM)	ELECTRICS			REMARKS
			INPUT	OUTPUT			HP	V	Ph	
IRH-1	LOW INTENSITY INFRARED HEATER	REFER TO SPECIFICATION	60 MBH	55 MBH	30'	-	-	120	1	c/w 100"ø VENT KITS
IRH-2	LOW INTENSITY INFRARED HEATER	REFER TO SPECIFICATION	60 MBH	55 MBH	30'	-	-	120	1	c/w 100"ø VENT KITS

ALTERNATE MANUFACTURER'S: EASY RADIANT WORKS, SUPERIOR & ROBERT GORDON (GORDONRAY RH)

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CHIGNECTO SOUTH KEY PLAN
FUNDY NATIONAL PARK
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
#M6763
Benoit Gauthier
March 29, 2017
Professional Seal

C	ISSUED FOR TENDER	MAR 29 2017
B	ISSUED FOR 99% REVIEW	FEB 06 2017
A	ISSUED FOR 66% REVIEW	DEC 21 2016

revisions

project

CHIGNECTO SOUTH MULTI PURPOSE BUILDING FUNDY NATIONAL PARK ALMA, NB ALBERT COUNTY, NB

drawing

FLOOR PLAN HEATING SCHEMATIC & DETAILS

designed M.F. conçu

date DEC 21 2016

drawn P.A. dessiné

date DEC 21 2016

approved R.M. approuvé

date DEC 21 2016

Tender

no. du projet

R.075816.001

drawing no. M-3 OF 5

no. du dessin