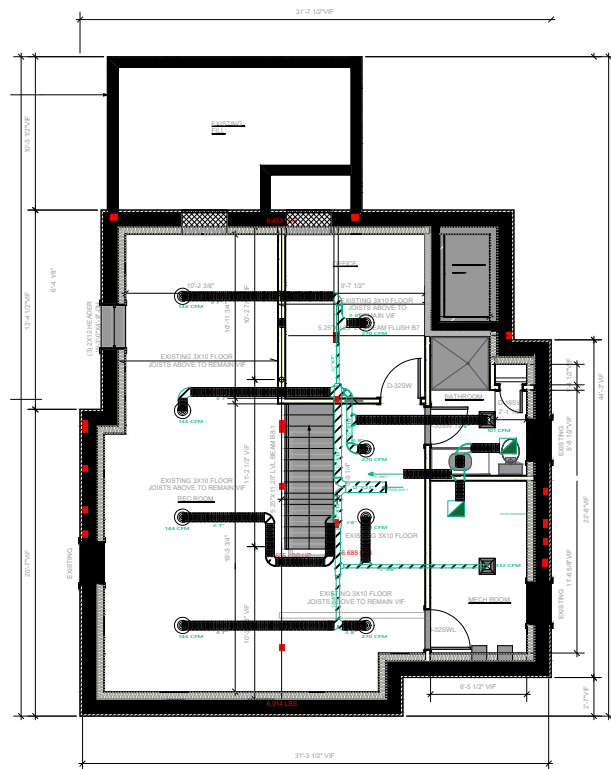
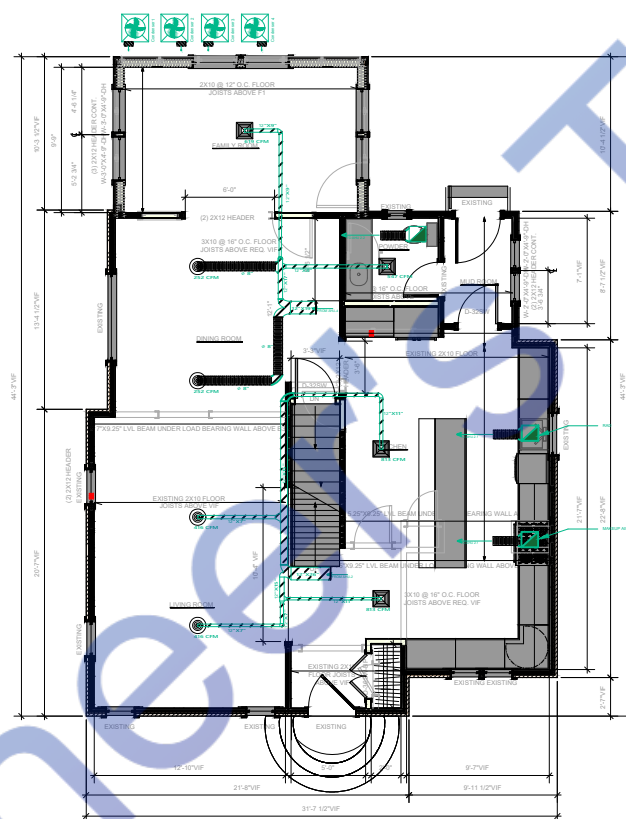




1 BASEMENT FLOOR PLAN
Scale: 1/4" = 1'-0"
EXISTING FLOOR AREA: 995 SF



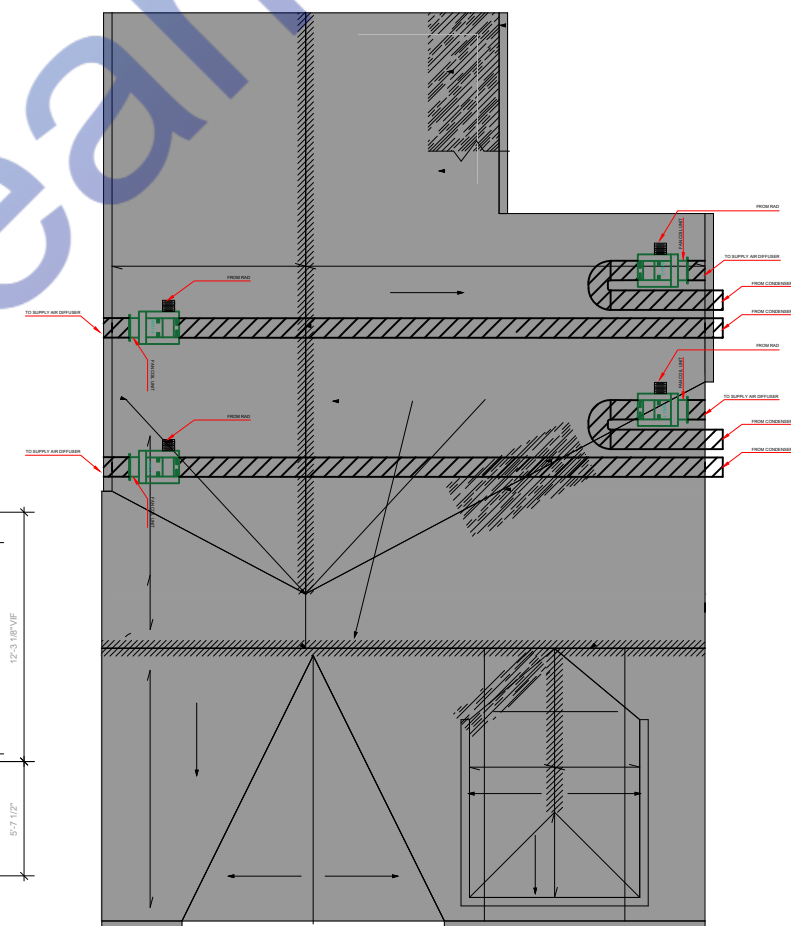
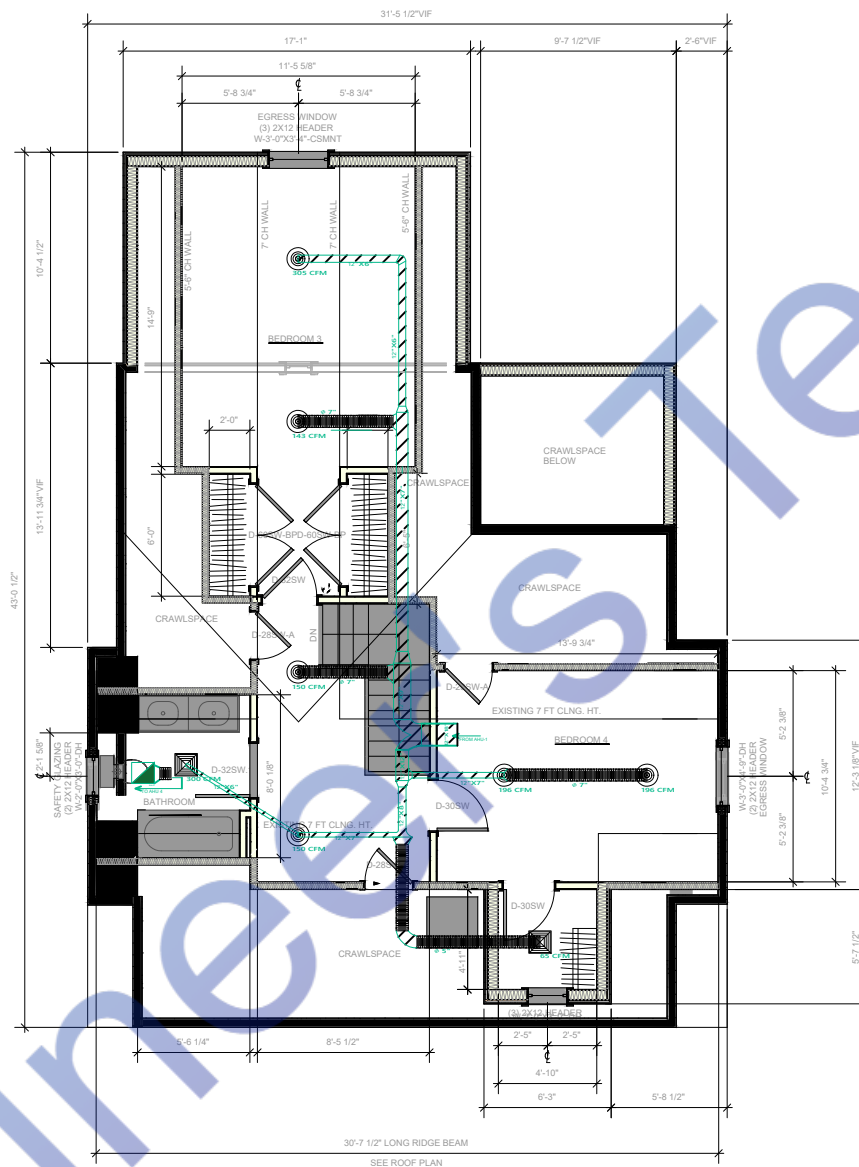
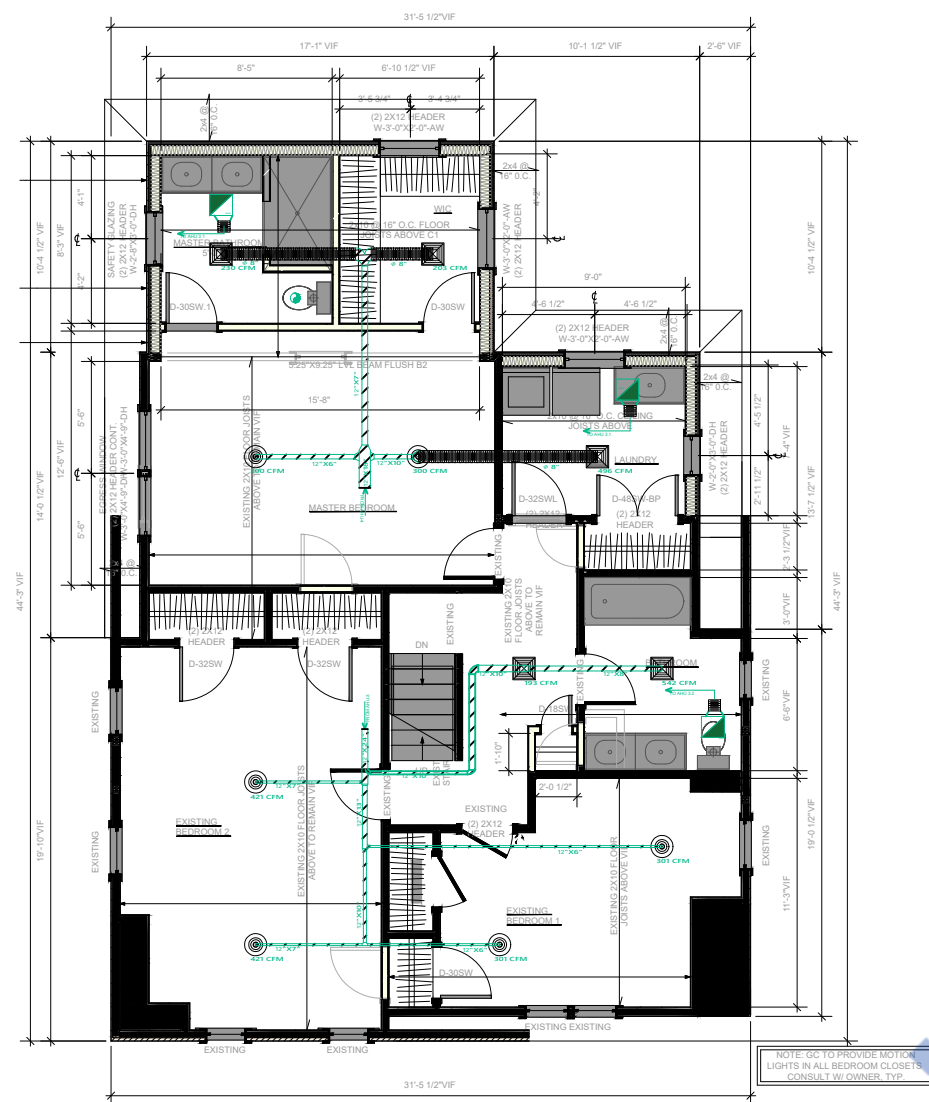
2 FIRST FLOOR PLAN
Scale: 1/4" = 1'-0"
EXISTING FLOOR AREA: 1174 SF

LEGENDS

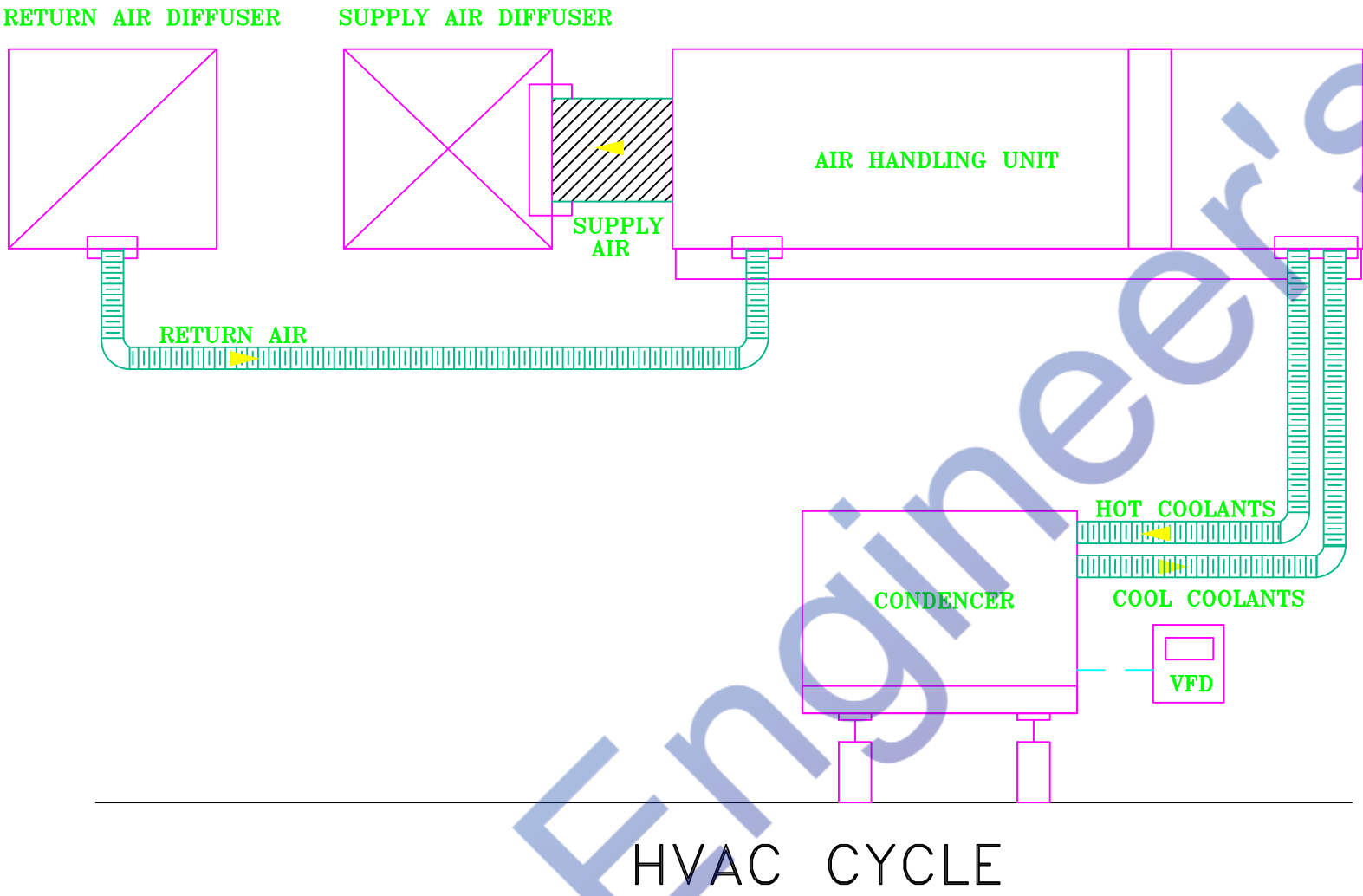
	CONDENSER
	BOILER
	BTU METER
	BUTTERFLY VALVE
	MOTORIZED VALVE
	TEST PLUG
	THERMOMETER & PRESSUER GAUGE
	MANUAL AIR VENT
	AIR HANDLING UNIT
	FLEXIBLE CONNECTOR
	FLEXIBLE DUCT
	SUPPLY AIR DIFFUSER
	RETURN AIR DIFFUSER

DRAWING TITLE: HVAC PLAN	
DESIGNED BY:	AA
DRAWN BY:	UK
CHECKED BY:	RM
REVIEWED BY:	SK
DRAWING NO:	HV-08-01
STAGE:	-
SCALE:	1/2" = 1'-0"
DATE:	APR-2023
REVISIONS:	0.0

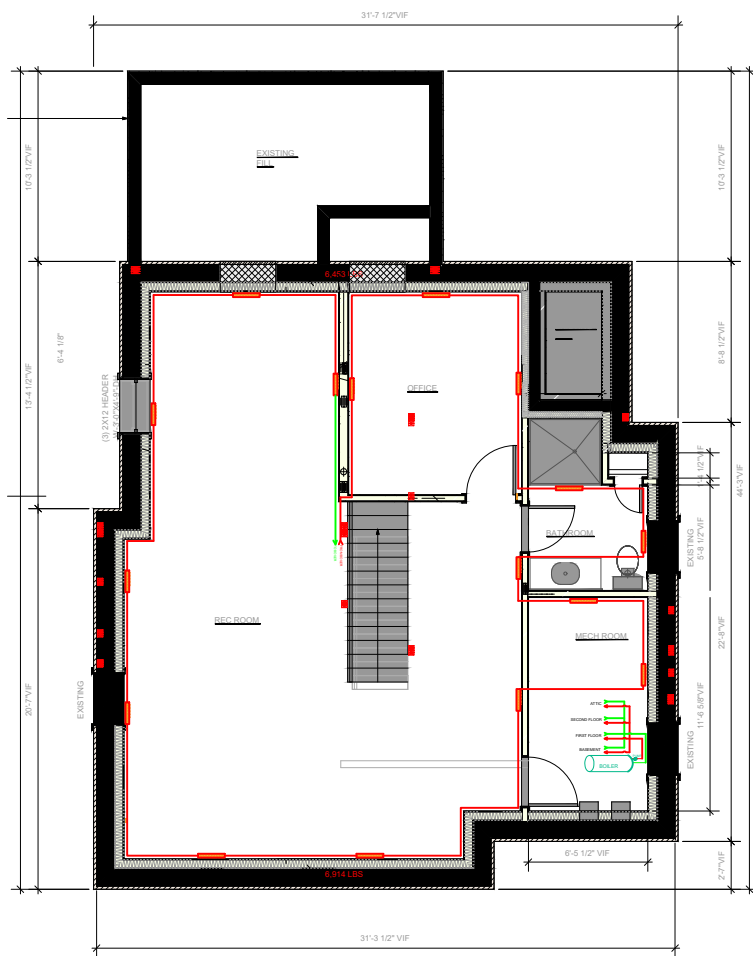
HVAC PLAN



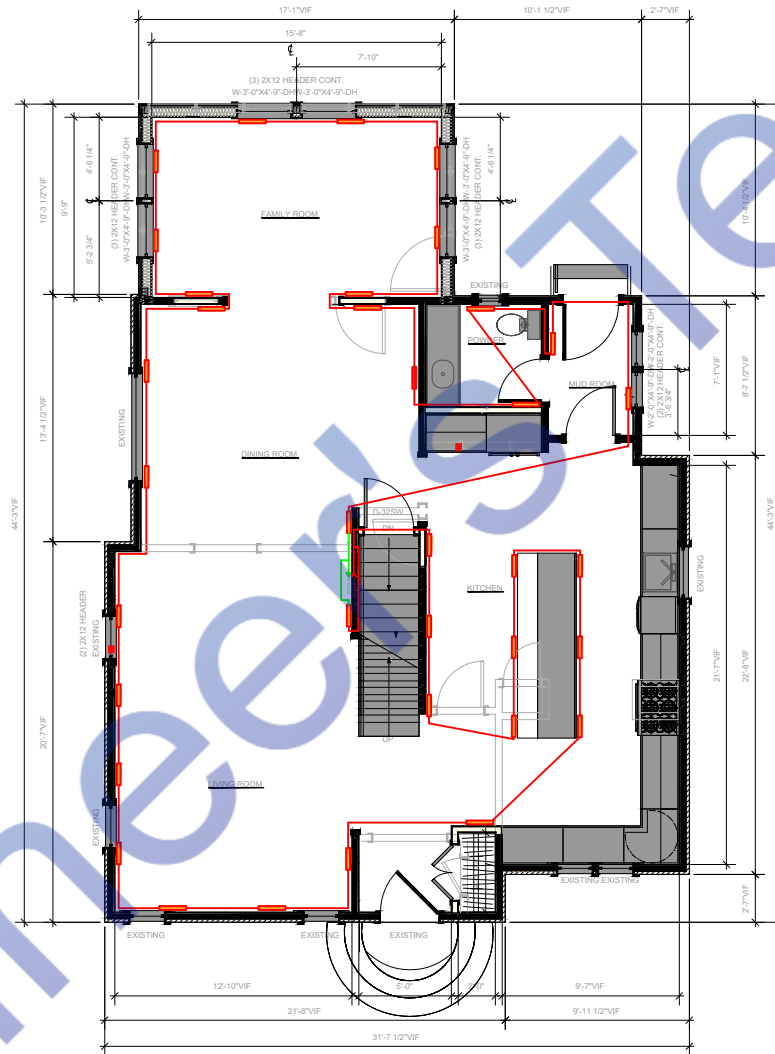
HVAC PLAN



THE TONNAGE PER AC UNIT		
AIR HANDLING UNIT	TONNAGE	Floor
UNIT-1	5.5 Tons	BASEMENT and ATTIC
UNIT-2	5 Tons	FIRST FLOOR
UNIT-3	4 Tons	SECOND FLOOR
UNIT-4	6 Tons	FIRST and SECOND FLOOR



1 BASEMENT FLOOR PLAN
Scale: 1/4" = 1'-0"
EXISTING FLOOR AREA: 988 SF



2 FIRST FLOOR PLAN
Scale: 1/4" = 1'-0"
EXISTING FLOOR AREA: 1174 SF

LEGENDS



BOILER



BTU METER



BUTTERFLY VALVE



MOTORIZED VALVE



TEST PLUG



THERMOMETER & PRESSUER GAUGE



MANUAL AIR VENT



1' BASEBOARD



FLEXIBLE CONNECTOR



PUMP

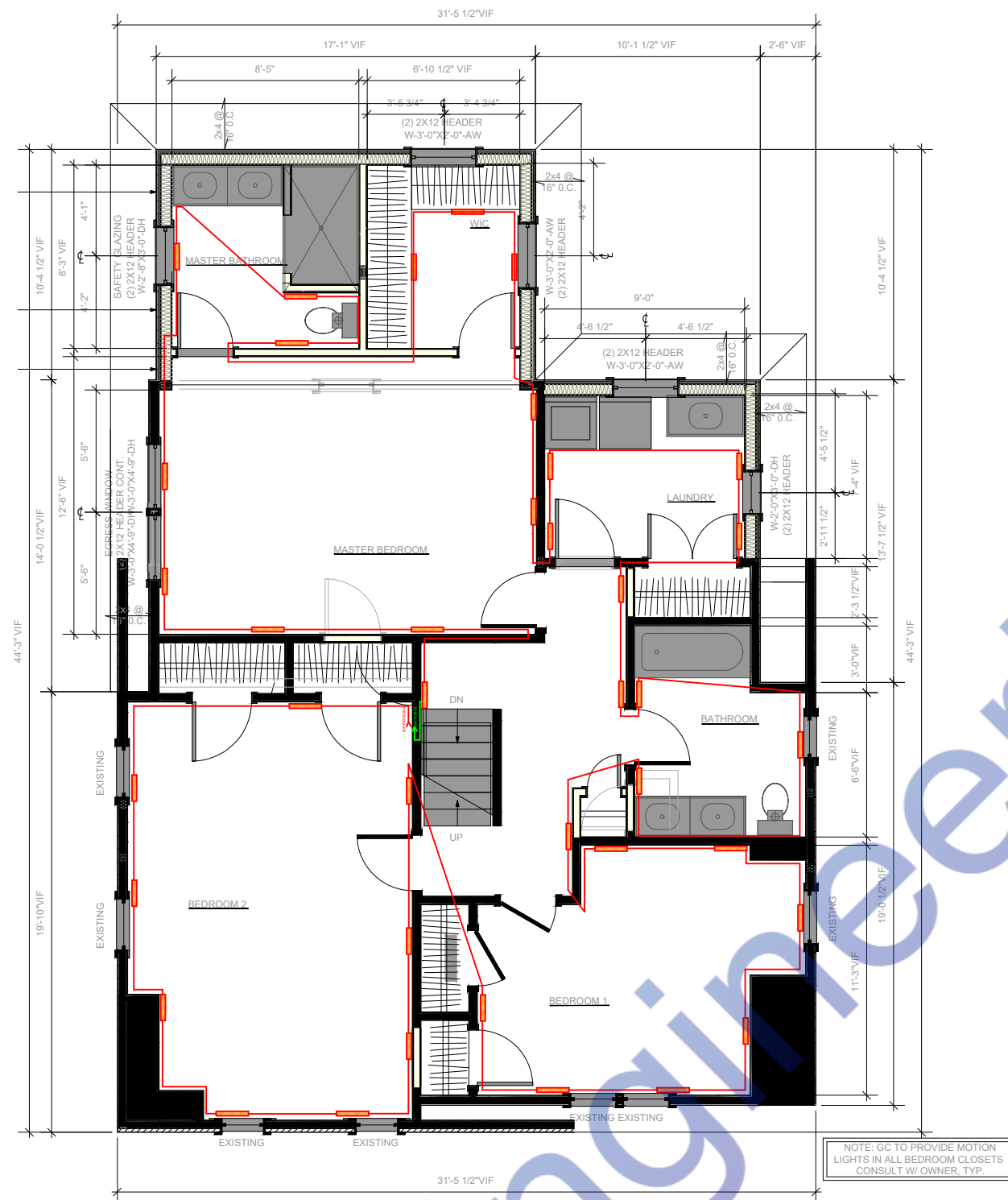


HOT WATER SUPPLY PIPE

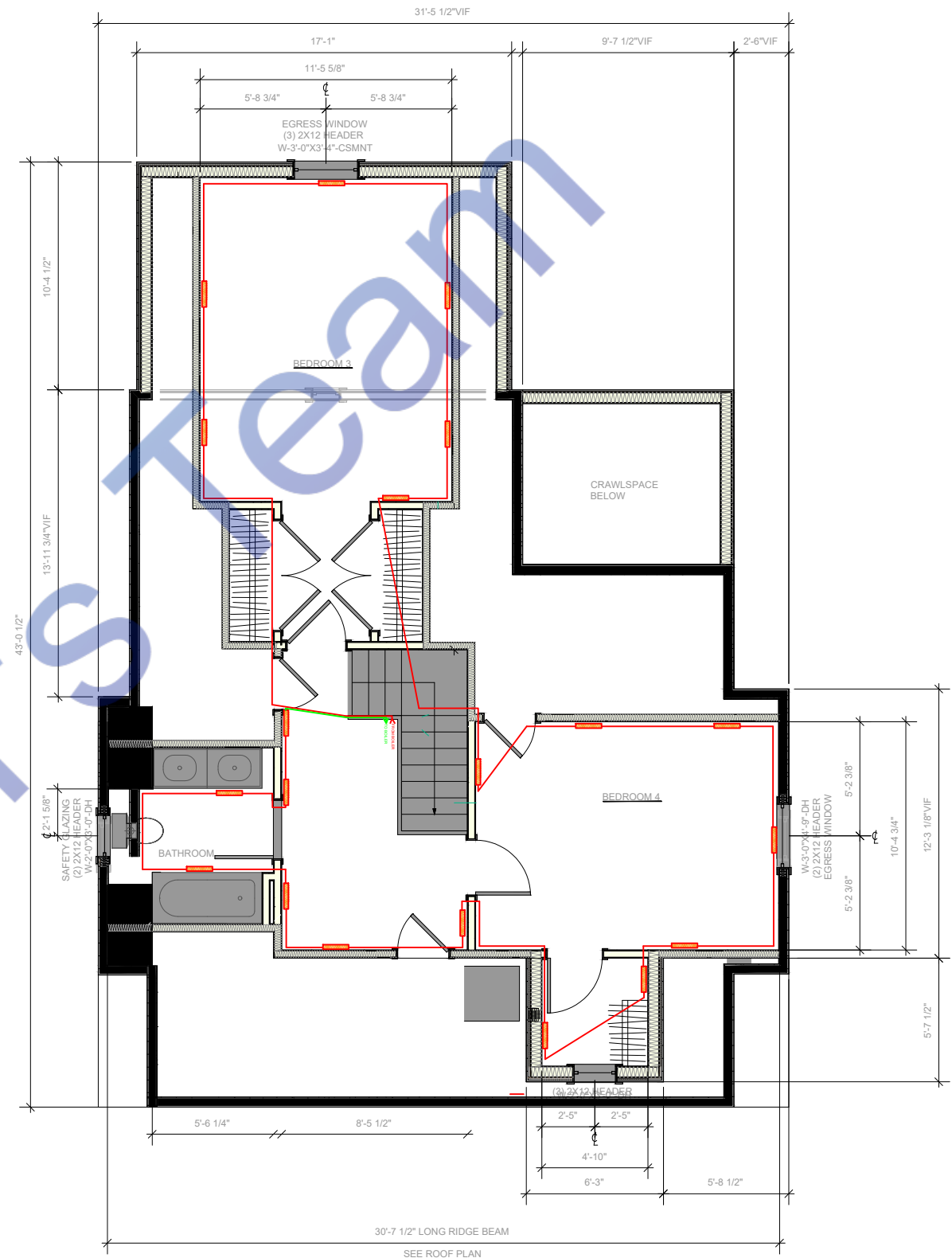


COOL WATER SUPPLY PIPE

HEATING PLAN

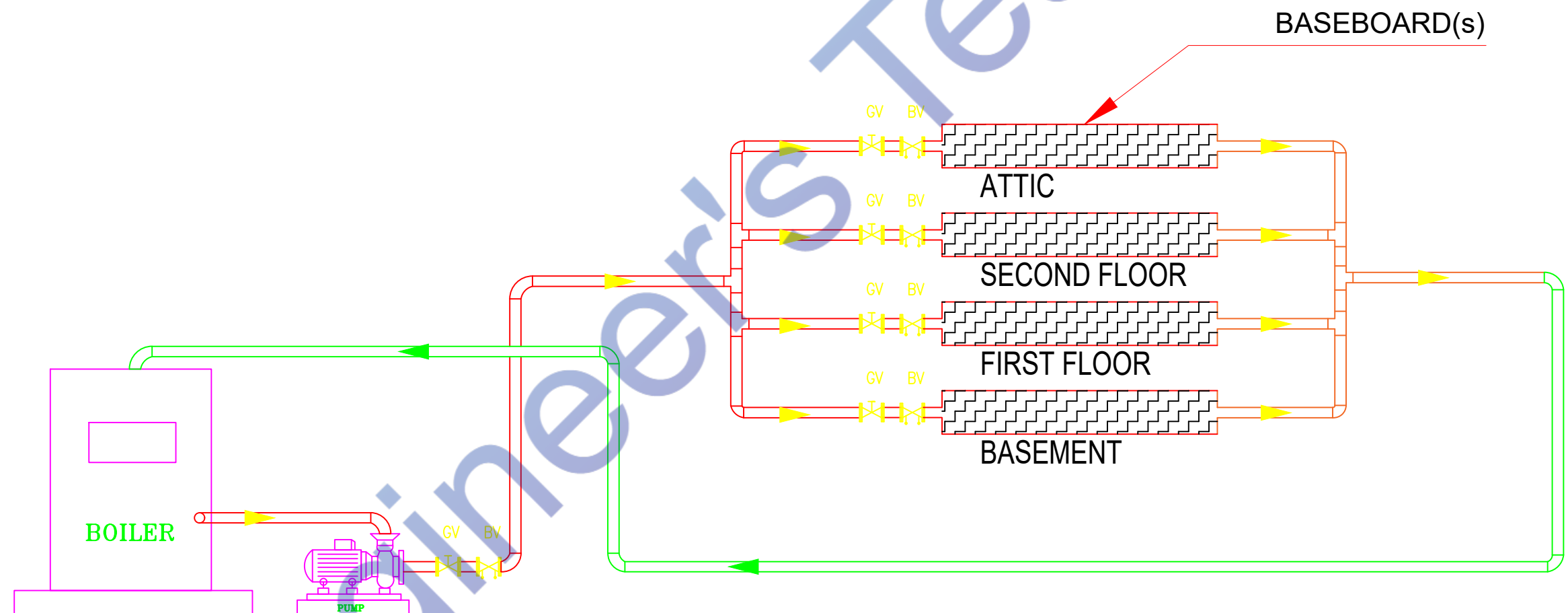


1 **SECOND FLOOR PLAN**
 Scale: 1/4" = 1'-0"
 EXISTING FLOOR AREA: 913 SF
 EXISTING FLOOR AREA: 1166 SF



2 **ATTIC FLOOR PLAN**
 Scale: 1/4" = 1'-0"
 EXISTING FLOOR AREA: 877 SF
 EXISTING FLOOR AREA @ 7 FT CLNG. HT.: 177 SF
 PROPOSED FLOOR AREA @ 7 FT CLNG. HT.: 342 SF

HEATING PLAN



HEATING CYCLE



Designed By Engr. Al Amin (MEP Engineer | Director - Engineer's Team LTD)

 support@engrteam.com

 <https://engrteam.com>

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