

PROJECT DESIGN CONDITIONS:

SEASON	VALUE	UNITS	DESCRIPTION	SOURCE
WINTER	-19.1	F	OA TEMP	ASHRAE EXTREME ANNUAL DESIGN CONDITIONS (50 YR)
	72.0	F	INDOOR TEMP	2015 IECC SECTION 302.1
SUMMER	90.6	F	OA DRY-BULB TEMP	2013 ASHRAE FUNDAMENTALS, CHAPTER 14, COOLING 0.4%
	73.4	F	OA WET-BULB TEMP	2013 ASHRAE FUNDAMENTALS, CHAPTER 14, COOLING 0.4%
	75.0	F	INDOOR TEMP	2015 IECC SECTION 302.1

GENERAL PROJECT NOTES:

THE TOWN OF DERRY WILL BE HIRING A CONTROLS CONTRACTOR FOR THIS PROJECT.

MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT AND PIPING. COORDINATE PLACEMENT OF SENSOR WELLS, ETC WITH CONTROLS CONTRACTOR.

MECHANICAL CONTRACTOR SHALL HIRE ELECTRICAL CONTRACTOR AS REQUIRED FOR INSTALLATION OF SERVICE SWITCHES, FIRE-O-MATICS, AND OTHER LINE VOLTAGE EQUIPMENT.

LOW VOLTAGE WIRING SHALL BE PROVIDED AND INSTALLED BY CONTROLS CONTRACTOR.

BOILER SCHEDULE (B)

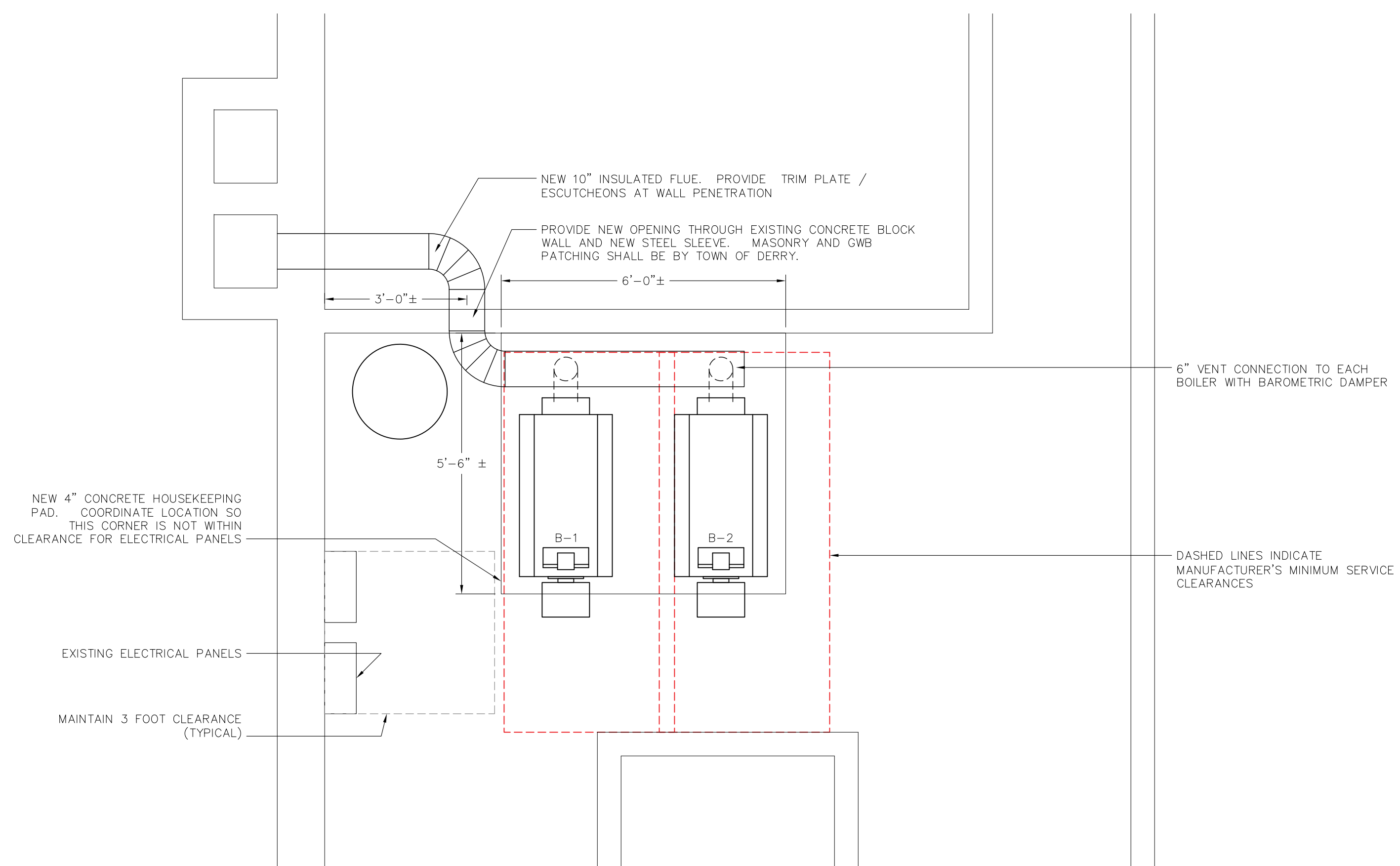
MARK	MAKE	MODEL	INPUT (MBH)	OUTPUT (MBH)	EFFICIENCY	FUEL	VENTING STYLE	MCA	MOC	VOLT/PH	NOTES
B-1&2	BUDERUS	G215/7	294	256	80	OIL	ATMOSPHERIC	-	15	115/1	1,2,3

- NOTES:**
- LWCO, MFRG RECOMMENDED WATER TREATMENT. RIELLO BURNER
 - SET TO MAINTAIN HEATING LOOP SUPPLY AT 160F CONSTANT
 - PROVIDE FACTORY START-UP ASSISTANCE

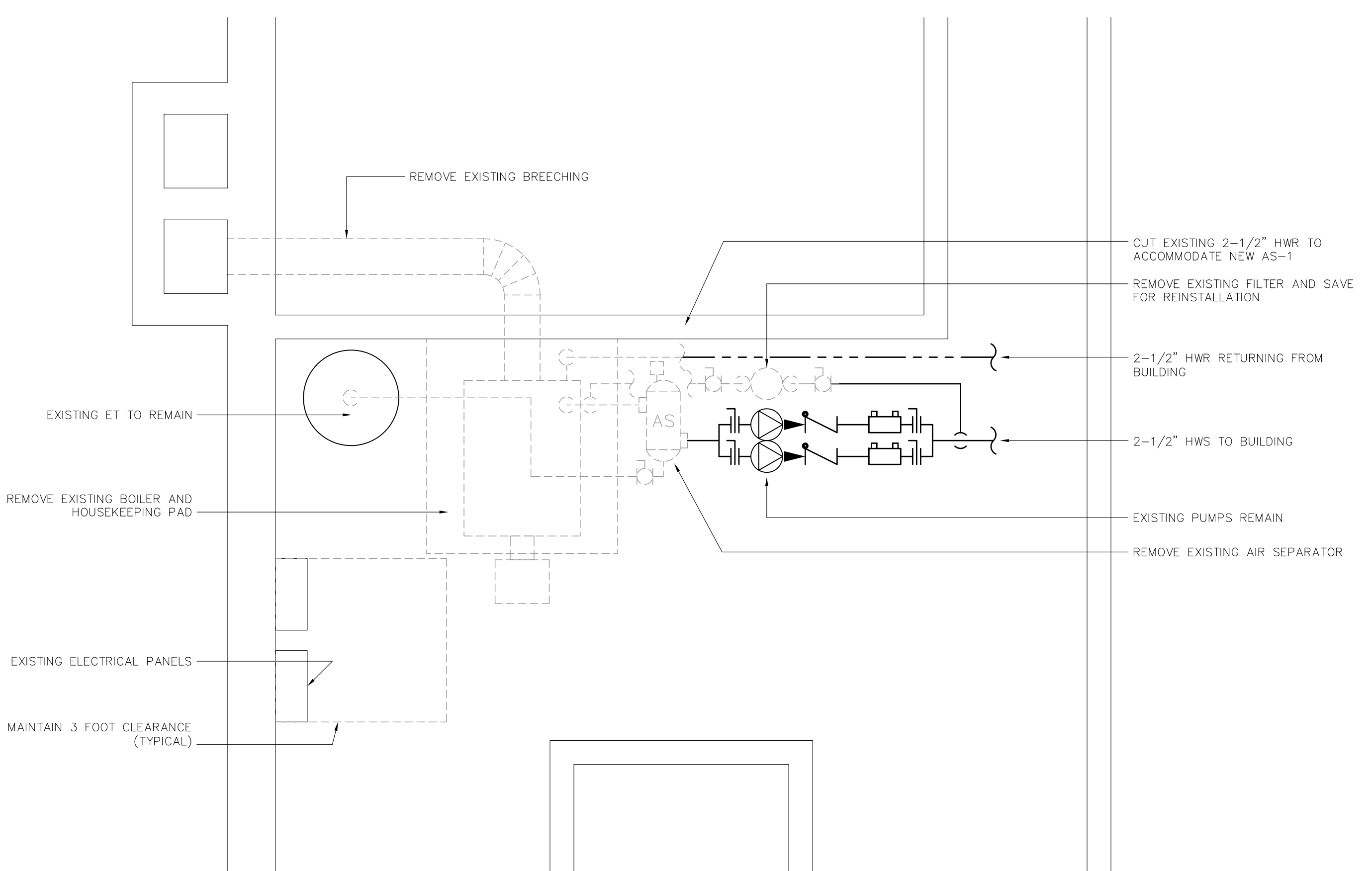
AIR SEPARATOR SEPARATOR (AS)

MARK	MAKE	MODEL	PIPE SIZE	GPM	WPD (FT)	NOTES
AS-1	SPIROTHERM	VSR2-12	2.5	60	1	

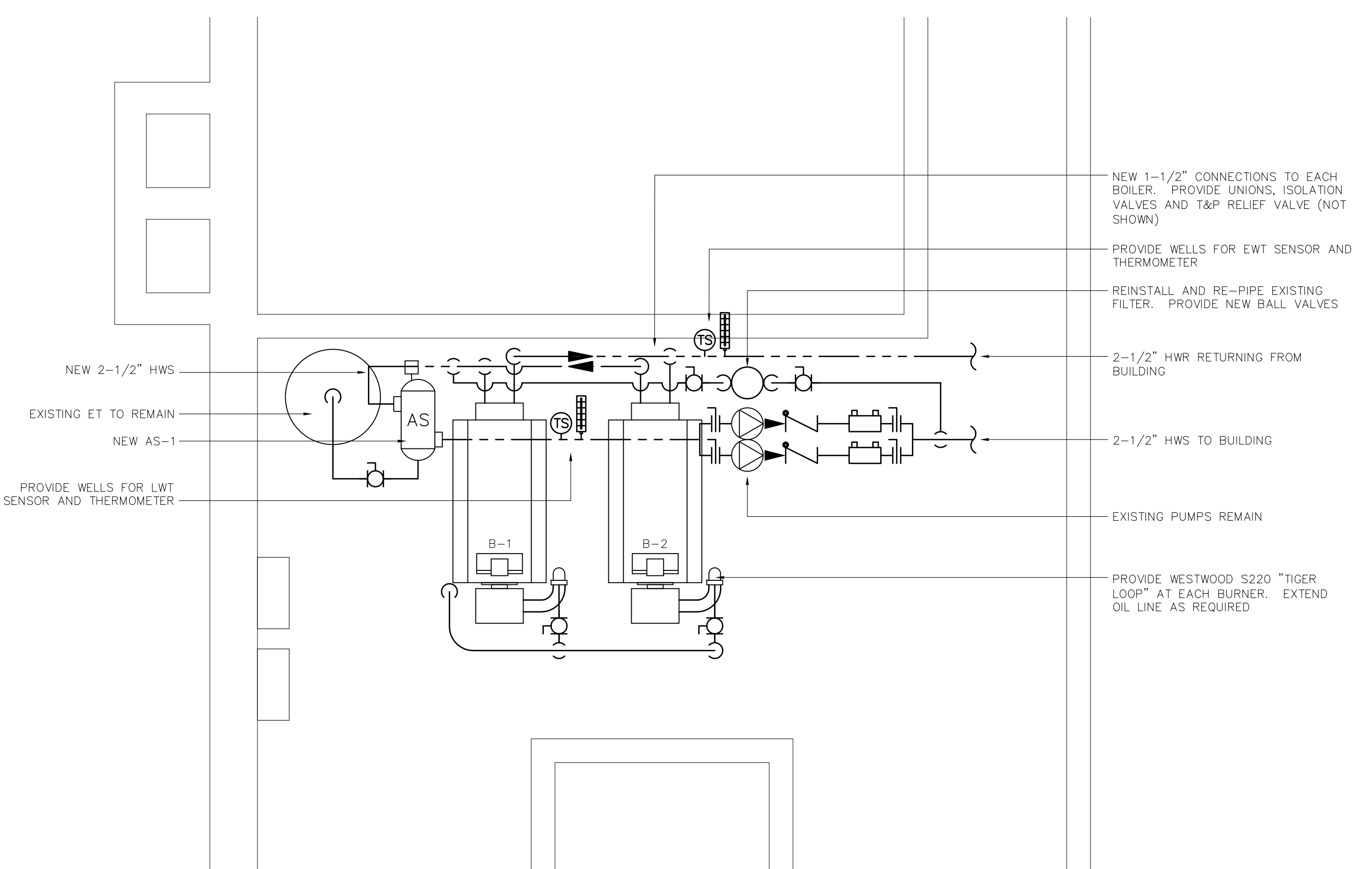
NOTES:



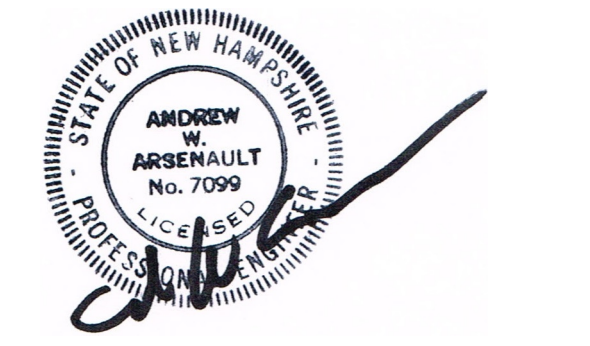
2 FLUE AND HOUSEKEEPING PAD
M-1 1/2"=1'-0"



1 EXISTING BOILER ROOM PLAN
M-1 1/2"=1'-0"



3 NEW PIPING PLAN
M-1 1/2"=1'-0"



THE PROJECT MANAGER FOR THIS PROJECT IS NOTED BELOW. PLEASE REFER ALL QUESTIONS, SUBMITTALS AND CORRESPONDENCE TO THE PROJECT MANAGER.

HYAC PROJECT MANAGER:
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PROJECT:
ADAMS MEMORIAL BUILDING
WEST BROADWAY
DERRY, NH 03038

FOR:
TOWN OF DERRY

EXISTING AND PROPOSED BOILER ROOM PLANS

REVISIONS:

DESIGNED BY: DCM
DRAWN BY: DCM
CHECKED BY: AWA

DDM JOB #: 19023
SCALE: AS NOTED

DATE: 4/3/2019

M-1

