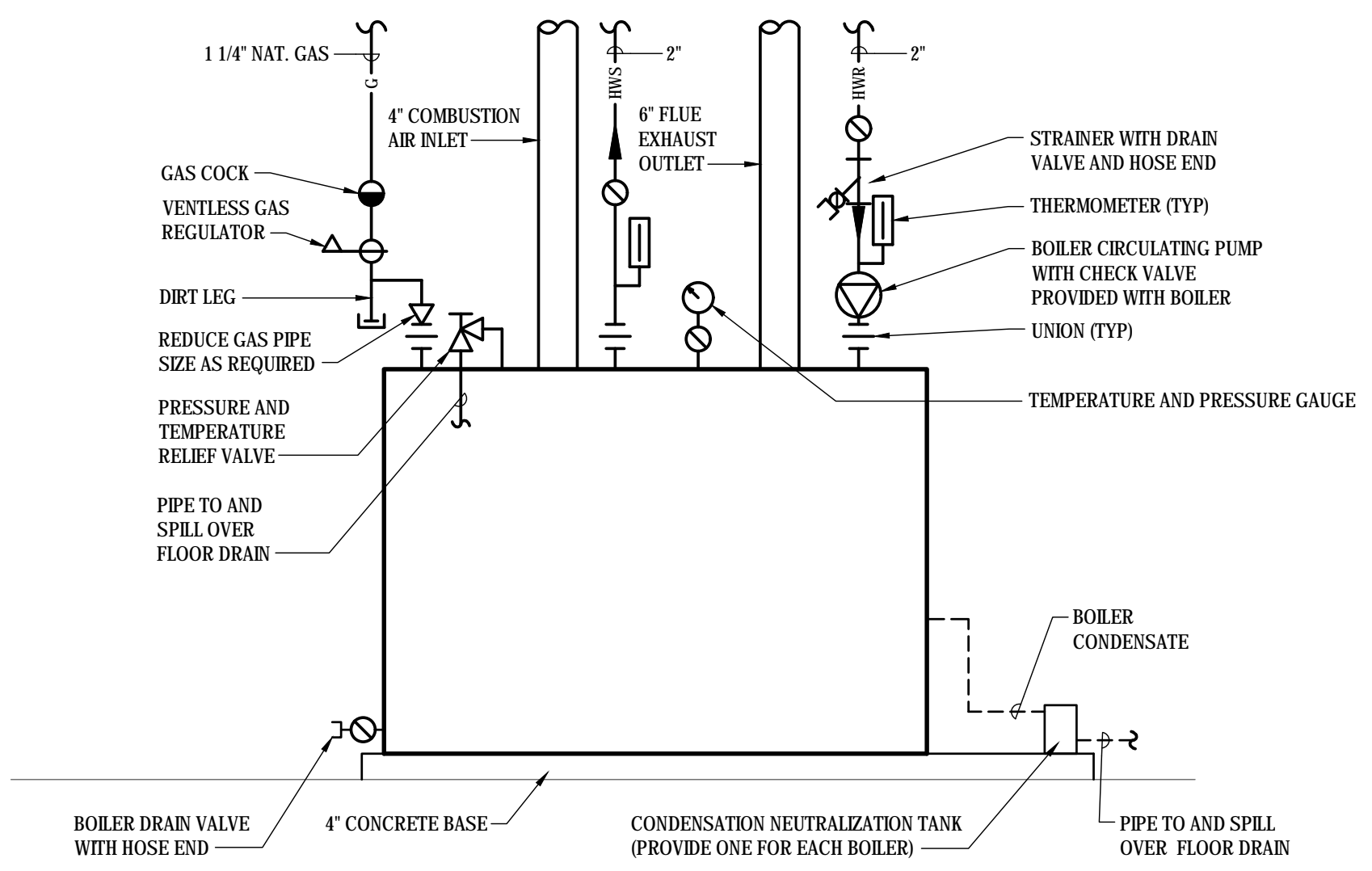


- NOTE:**
1. PROVIDE SUCTION DIFFUSER WITH STRAINER OR 5 DIAMETERS OF STRAIGHT PIPE AND STRAINER WITH DRAIN VALVE AND HOSE END.
 2. END SUCTION SHOWN FOR CLARITY. TYPICAL FOR ALL BASE MOUNTED PUMPS.
 3. COMBINATION VALVE MAY BE USED IN LIEU OF CHECK AND BALANCE VALVES.

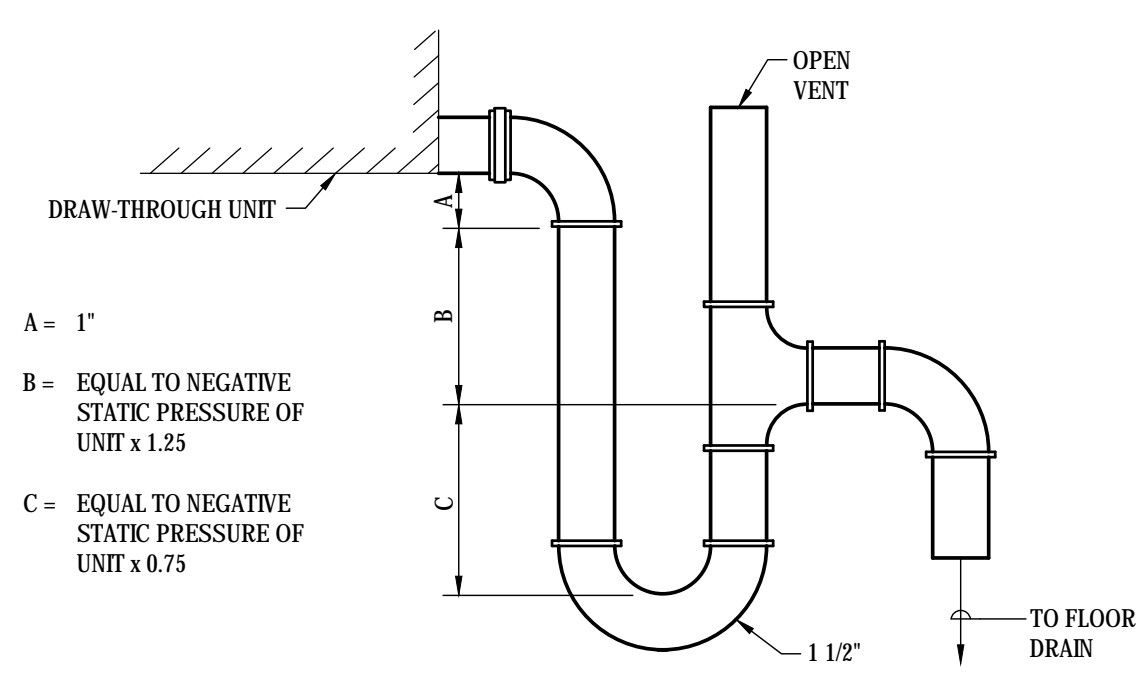
END SUCTION PUMP PIPING

NO SCALE M-ND-EndSuctionPumpPiping 2022-03-10 M6-1



CONDENSING BOILER PIPING CONNECTION

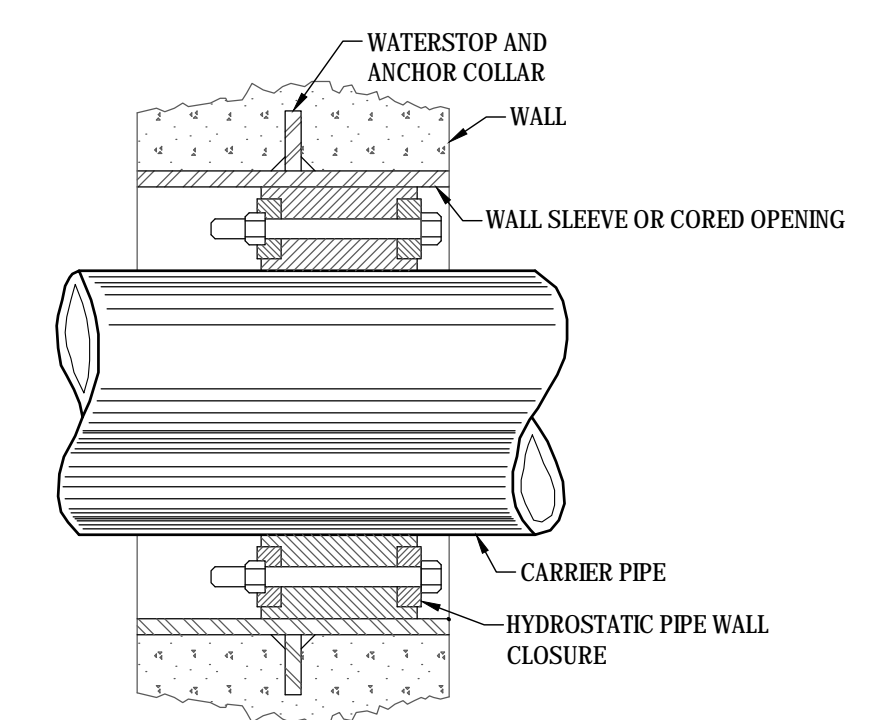
NO SCALE M-ND-CondensingBoilerPipingConnection 2022-03-13 M6-1



- NOTE:**
1. THIS DETAIL COVERS THE NEW DEDICATED OUTSIDE AIR (DOAS) UNIT. DETAIL WOULD BE TYPICAL FOR DRAIN PAN OR SECTION DRAINS.

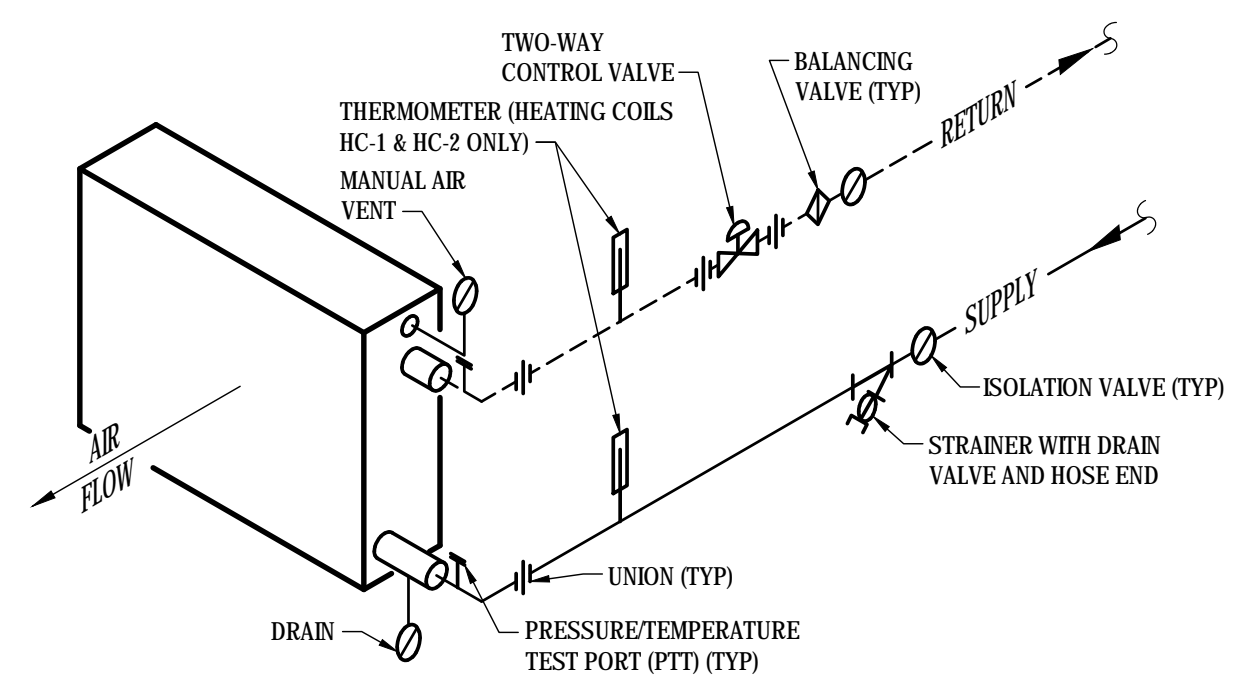
AIR HANDLING UNIT CONDENSATE DRAIN

NO SCALE M-ND-CondensateDrain 2017-02-15 M6-1



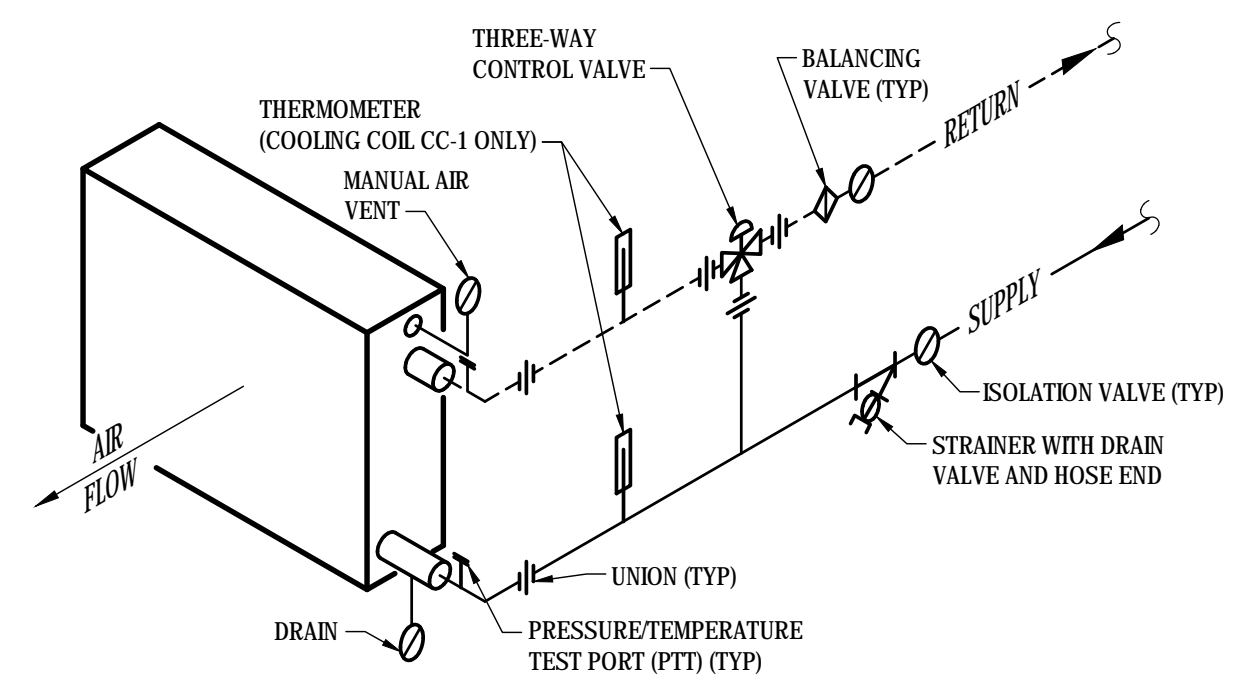
PIPE THROUGH FOUNDATION WALL

NO SCALE M-ND-PipeThroughFoundationWall 2017-02-15 M6-1



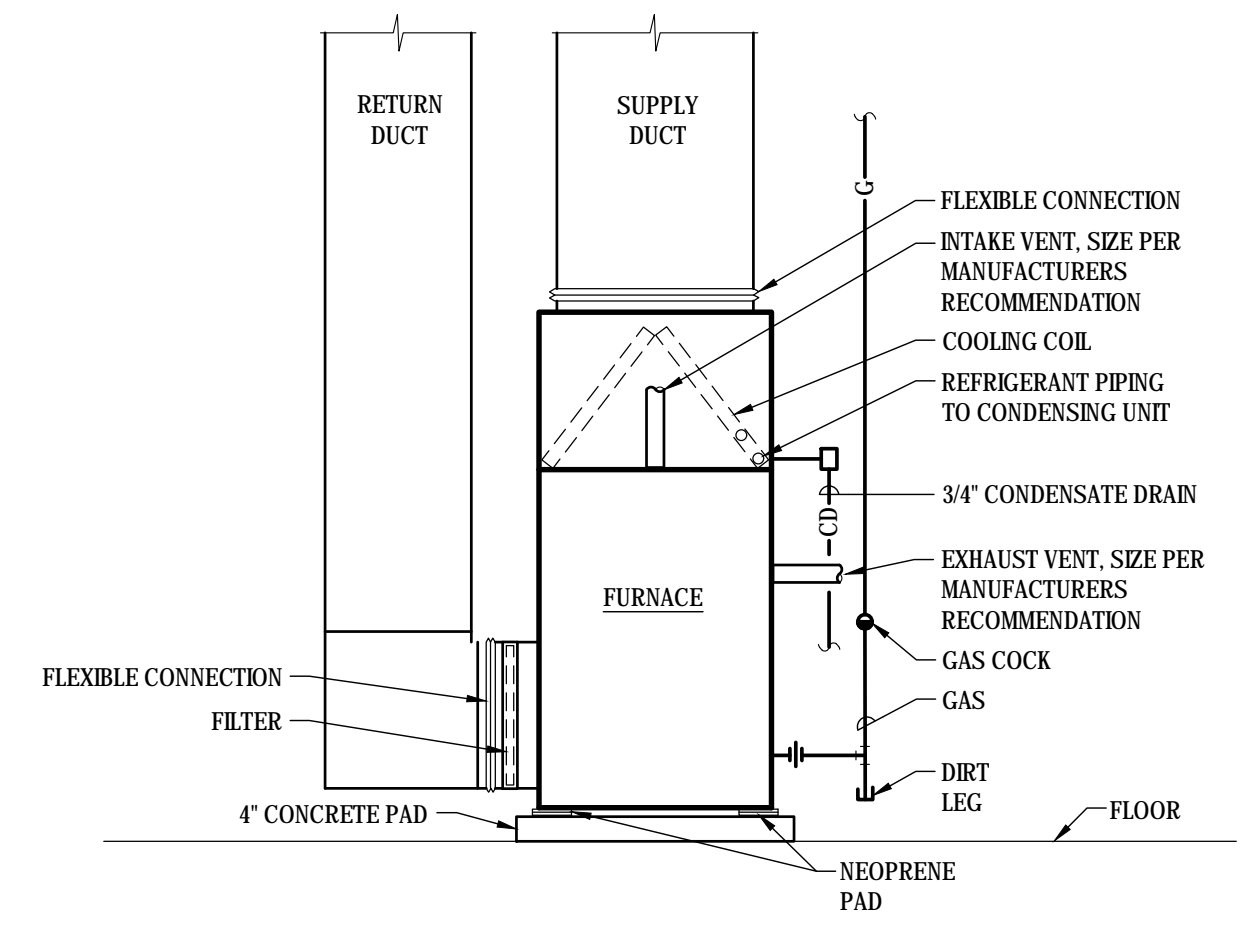
FAN COIL UNIT & HEATING COIL WITH 2-WAY CONTROL VALVE COIL PIPING

NO SCALE M6-1 ALL HEATING COILS AND FAN COIL UNIT COOLING AND HEATING COILS NOT DESIGNATED TO BE PIPED WITH 3-WAY VALVES (SEE 3-WAY VALVE PIPING DETAIL THIS SHEET FOR FAN COIL UNIT COOLING COILS TO RECEIVE 3-WAY VALVES)



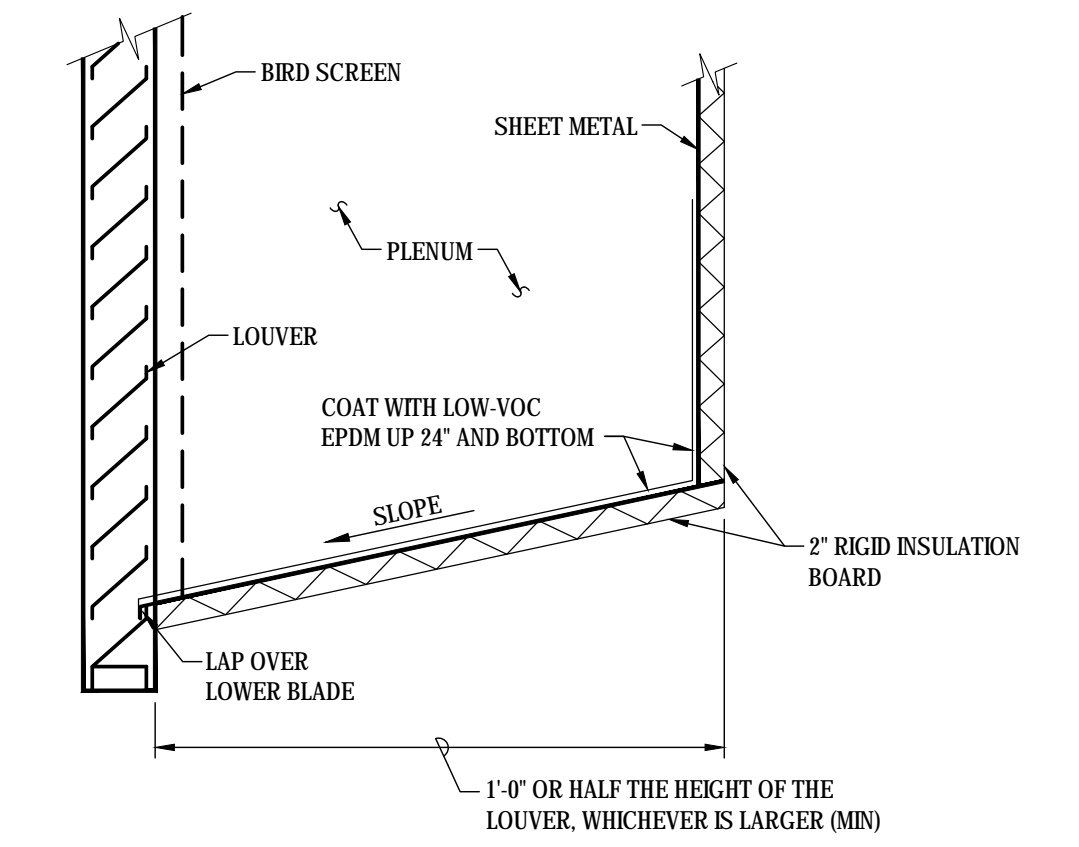
FAN COIL UNIT & COOLING COIL WITH 3-WAY CONTROL VALVE COIL PIPING

NO SCALE M6-1 COIL CC-1 AND FAN COIL UNIT COOLING COILS FOR FCU 1-02, FCU 1-03, FCU 1-17, FCU 2-10, FCU 2-13, FCU 2-14



HIGH EFFICIENCY FURNACE

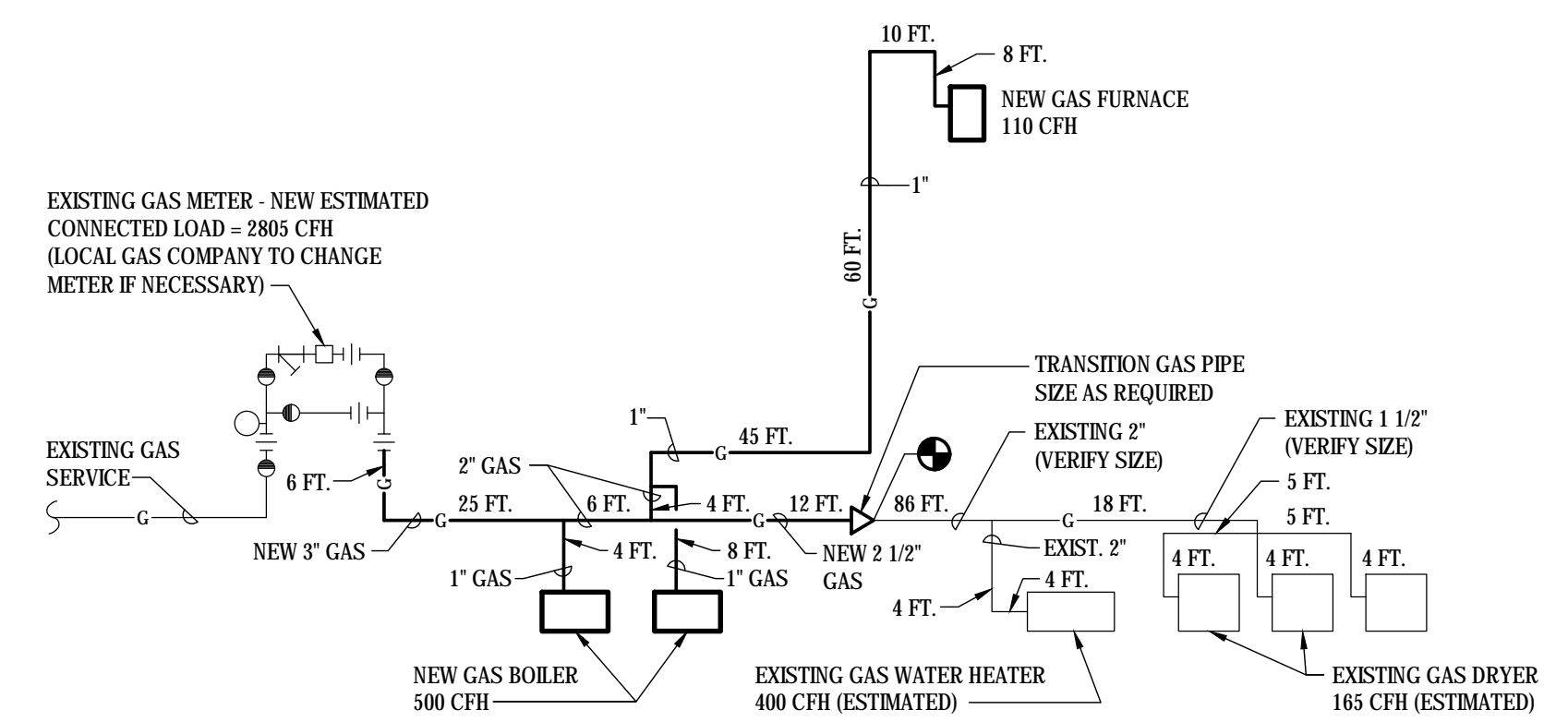
NO SCALE M-ND-HighEfficiencyFurnace 2017-04-10 M6-1



- NOTES:**
1. PROVIDE OUTSIDE AIR LOUVERS WITH INSULATED SHEET METAL PLENUMS.
 2. PROVIDE RELIEF AIR LOUVERS WITHOUT INSULATED SHEET METAL PLENUMS BUT WITH COUNTER-BALANCED BACKDRAFT DAMPERS AT INLET.

LOUVER

NO SCALE M-ND-Louver 2014-06-13 M6-1



NATURAL GAS RISER DIAGRAM

NO SCALE M-ND-NaturalGasRiserDiagram 2017-04-10 M6-1

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PRIME: KENNETH HAHN ARCHITECTS, INC. OMAHA, NE.		MRG	M6-1	MECHANICAL DETAILS	XXX/XXX
SUBCONTRACTOR: ALVINE ENGINEERING OMAHA, NE.		MRG			PMIS NO. 177425
		TECH. REVIEW: BAH			SHEET 31 OF 60
		DATE: 2/15/2024	BUCKSTAFF BATHHOUSE HVAC HOT SPRINGS NATIONAL PARK HOT SPRINGS, AK		