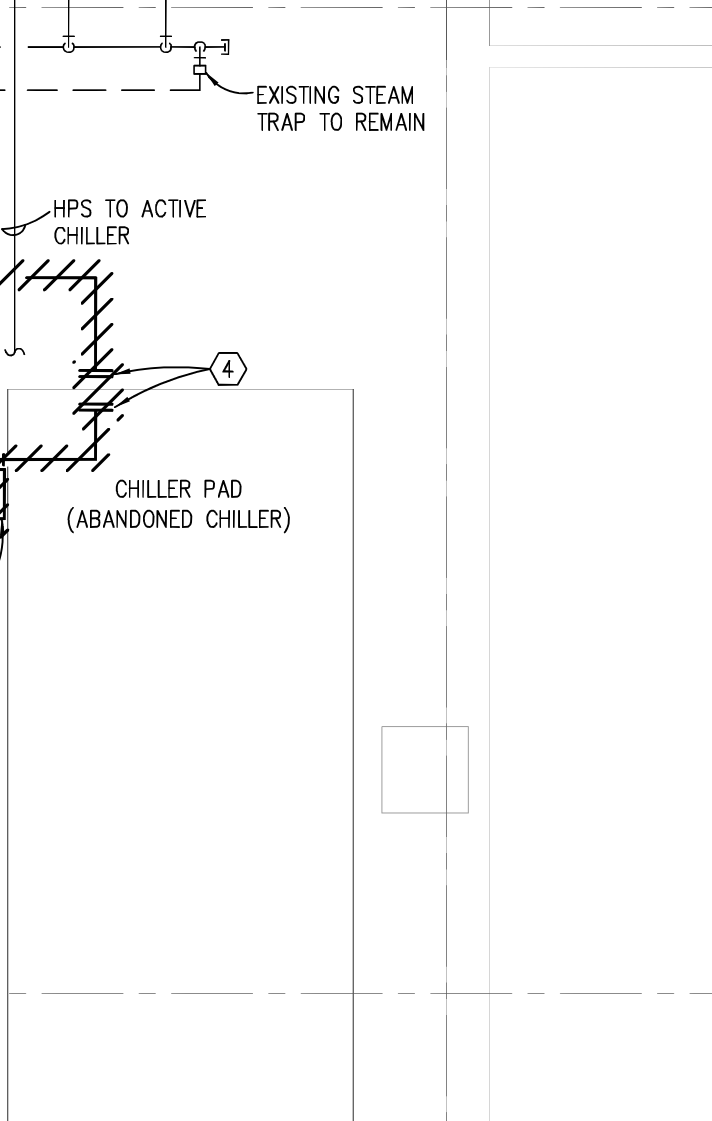


# OMAHA DIVISION

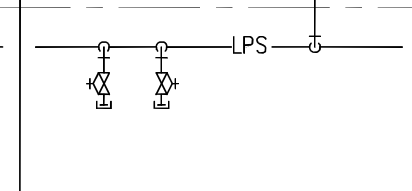
01 Woolworth Avenue, Omaha Nebraska 68105

<u>DWG #</u>	<u>DRAWING TITLE</u>	<u>DATE ISSUED</u>	<u>REV DATE</u>
MECHANICAL DRAWINGS			
G0-1	COVER SHEET & SHEET INDEX	3-05-13	
M1-1	PARTIAL LOWER LEVEL – MECHANICAL ROOM – DEMO & NEW	3-05-13	
M1-2	PARTIAL LOWER LEVEL – MECHANICAL ROOM – DEMO & NEW	3-05-13	
M1-3	PARTIAL 12th FLOOR MECHANICAL ROOM – DEMO & NEW	3-05-13	
M2-1	MECHANICAL SCHEDULES & DETAILS	3-05-13	

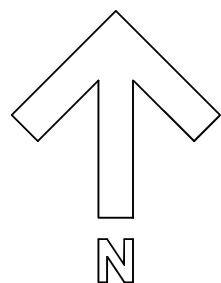
**This project is broken into 3 separate bids:**



TO HEAT EXCHANGERS 5  
IN AC SHOP

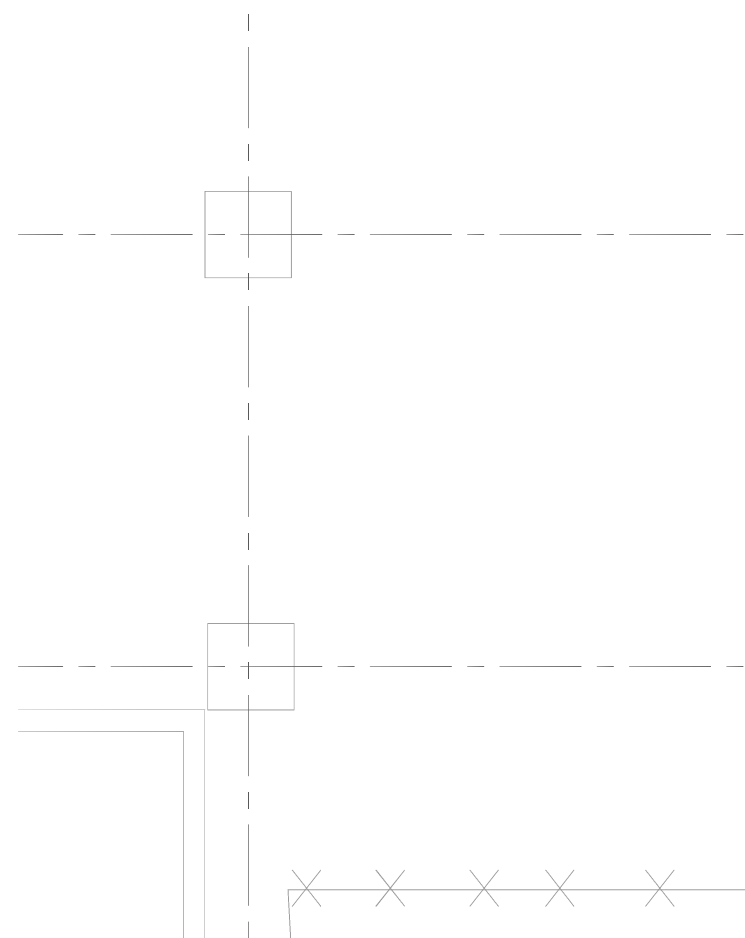
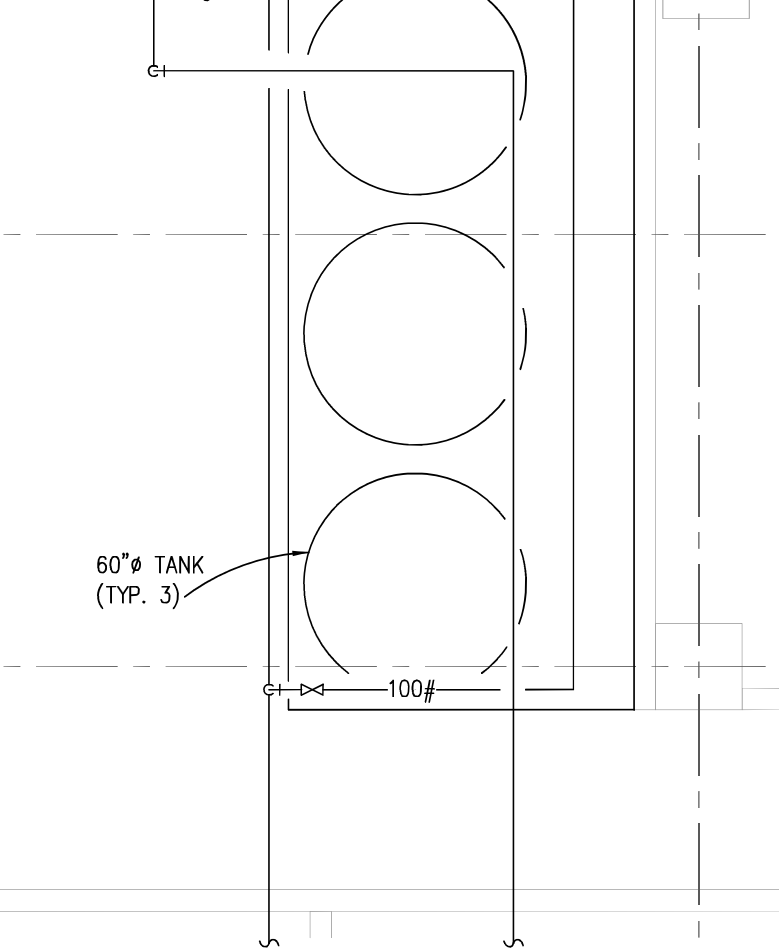


# AIR CONDITIONING BLDG. 17



PARTIAL LOWER LEVEL – BUILDING 17 MECHANICAL

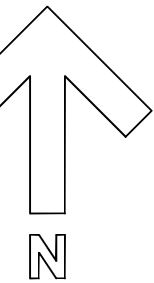
SCALE: 1/4" = 1'-0"



PARTIAL L

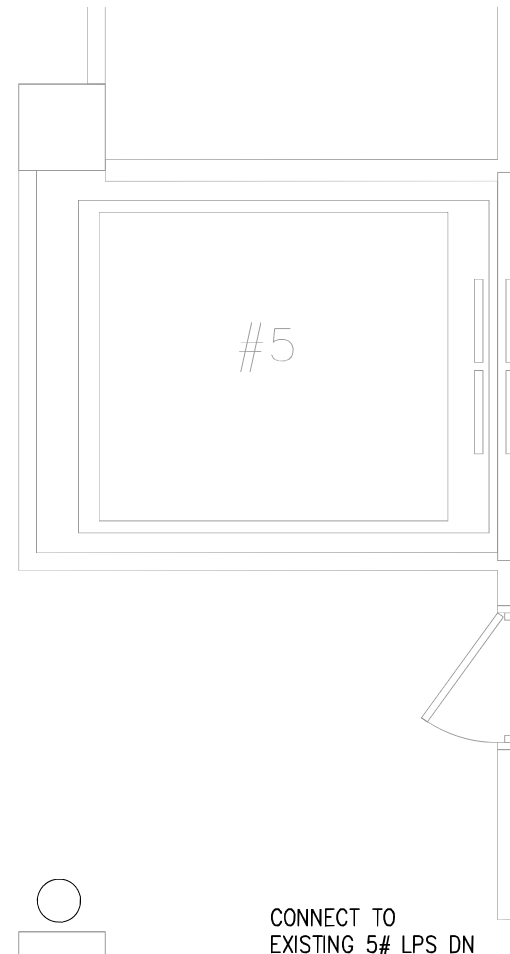
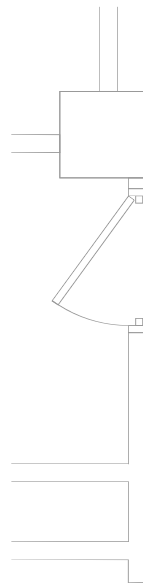
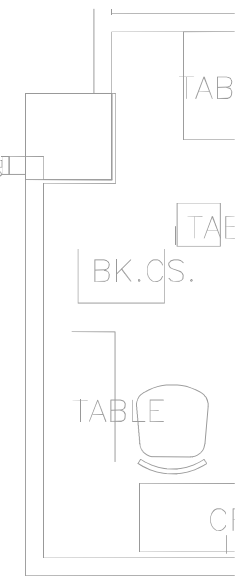
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SCALE: 1/4" =



PARTIAL 12th FLOOR – MECHANICAL ROOM 12003-1 – DEMOLITION

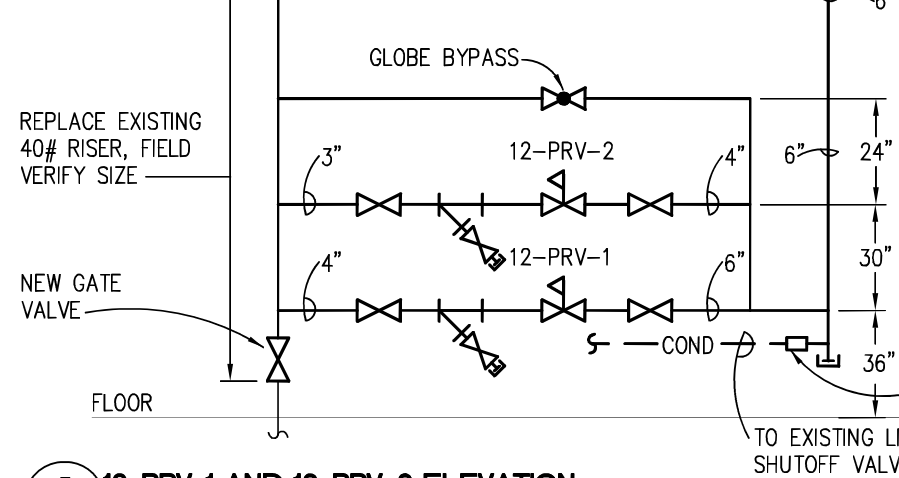
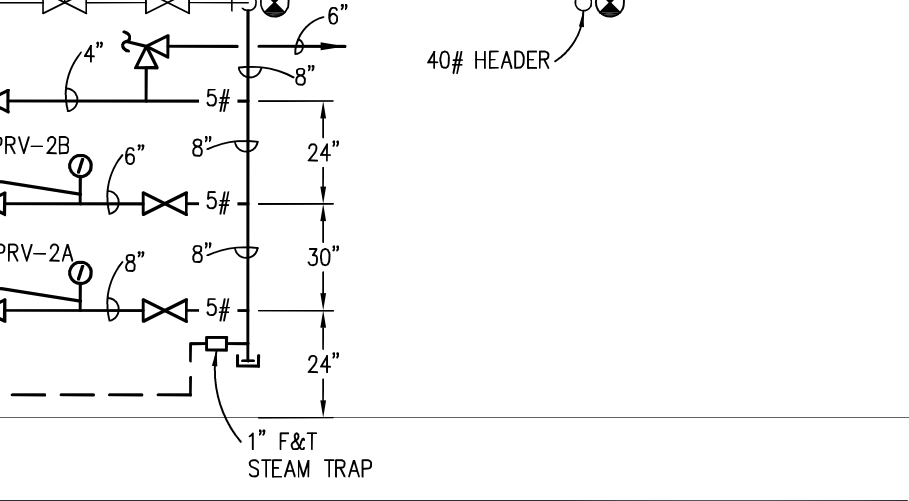
SCALE: 1/4" = 1'-0"



NEW 40# STEAM RISER, INSTALL  
SHUTOFF VALVE IN RISER 18" AFF  
LPR RISER

12003

CONNECT TO  
EXISTING 5# LPS DN



## 5 12-PRV-1 AND 12-PRV-2 ELEVATION

M2-1 SCALE: NONE

NOTE: SEE DETAIL 3/M2-1 FOR TYPICAL DIMENSIONAL REQUIREMENTS

REMARKS
(1)

## STEAM PRESSURE REGULATING VALVE SCHEDULE

MARK	LOCATION	INLET PRESSURE PSIG	OUTLET PRESSURE PSIG	MAX STEAM CAPACITY #/HR	DESIGN STEAM CAPACITY #/HR	NOISE LEVEL dBa	NOISE REDUCTION PLATE	SIZE	MA
N1-PRV-1A	B024-1	100	40	18,641	13,300	82	YES	4"	A
N1-PRV-1B	B024-1	100	40	12,522	6700	82	YES	3"	A
N1-PRV-2A	B024-1	40	5	9474	8000	80	YES	4"	A
N1-PRV-2B	B024-1	40	5	5612	4000	83	NO	2-1/2"	A
AC-PRV-1A	AC SHOP BLDG. 17	100	15	34,608	20,000	85	YES	6"	A
AC-PRV-1B	AC SHOP BLDG. 17	100	15	34,608	20,000	85	YES	6"	A
12-PRV-1	12TH FLOOR 12003-1	40	5	6641	5350	78	YES	3"	A
12-PRV-2	12TH FLOOR	40	5	2227	2650	82	NO	2"	A