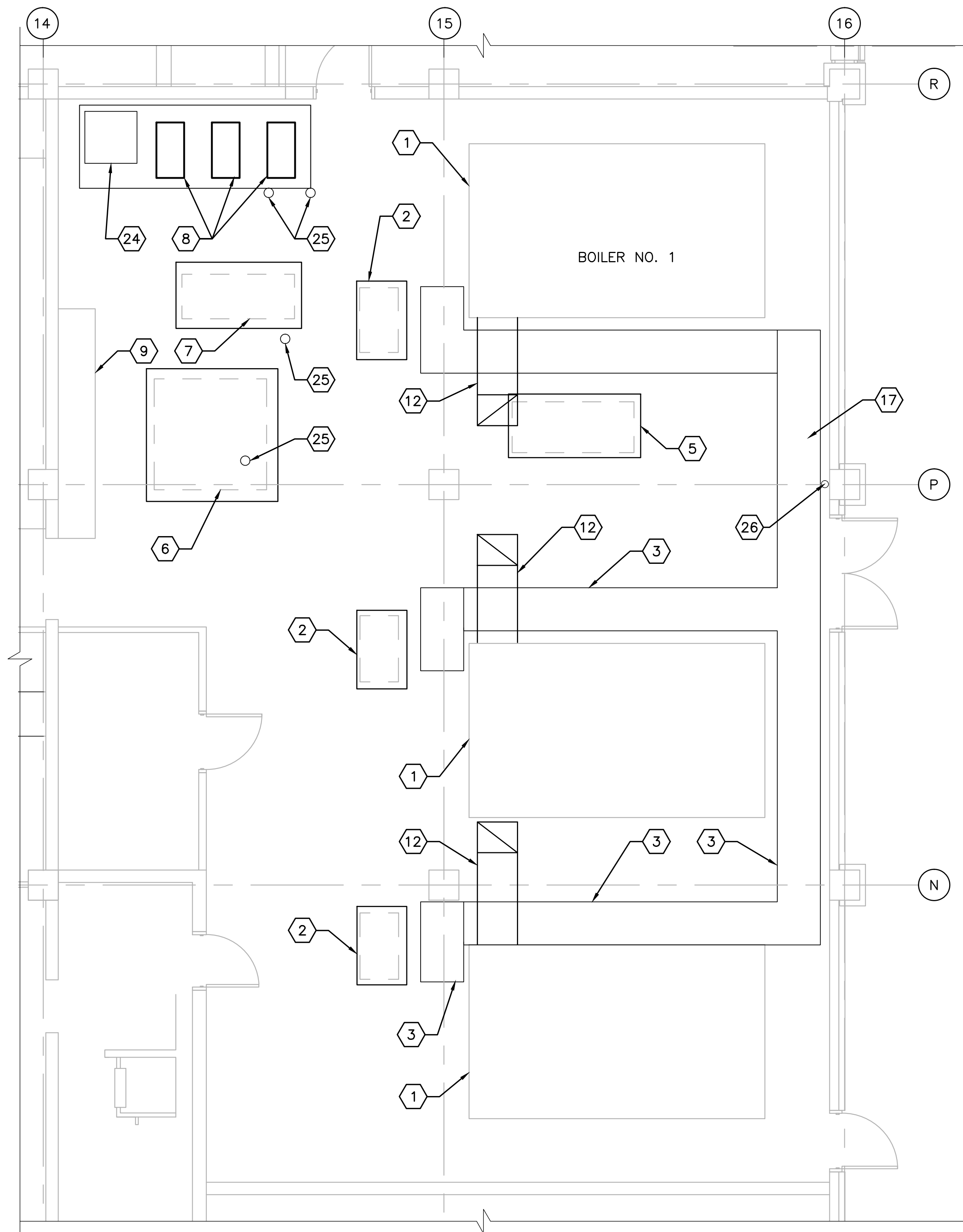
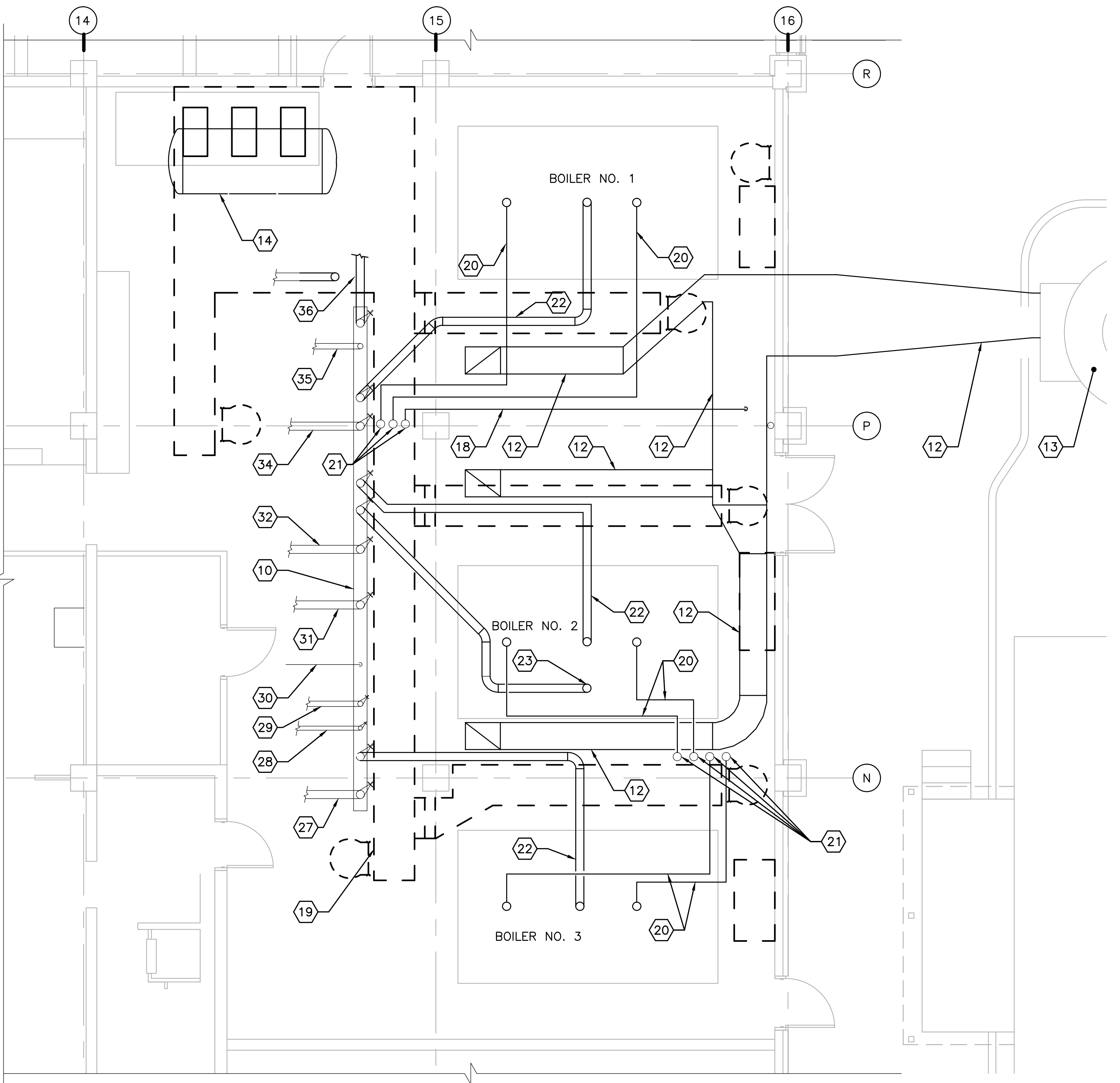


A three inches = one foot
B one and one half inches = one foot
C one inch = one foot
D three quarters inch = one foot
E one half inch = one foot
F three eighths inch = one foot
G one quarter inch = one foot
H one eighth inch = one foot
I one eighth inch = one foot



2 MECHANICAL DEMOLITION PLAN - FLOOR LEVEL
SCALE: 1/4" = 1'-0"



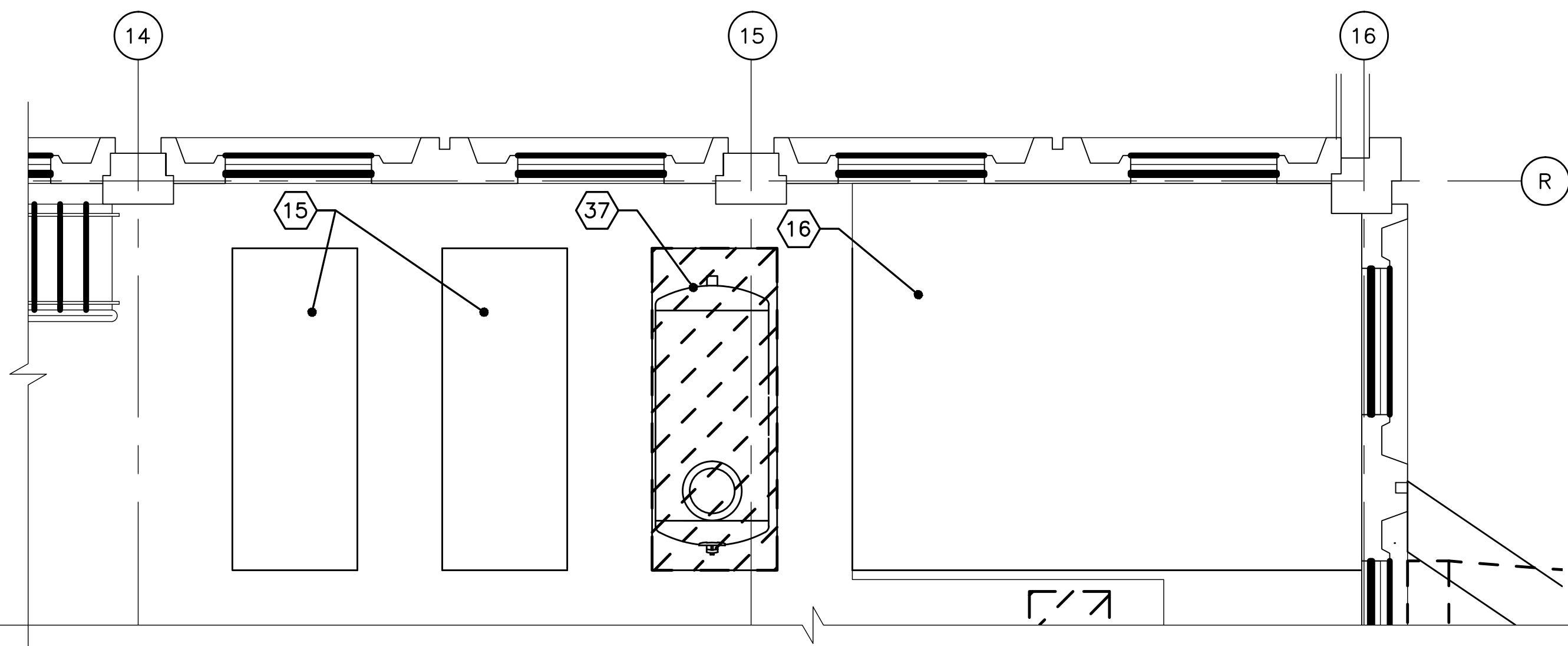
1 MECHANICAL DEMOLITION PLAN - CATWALK LEVEL
SCALE: 1/4" = 1'-0"



5 EXISTING CONDENSATE TRANSFER PUMP
SCALE: NONE



4 EXISTING CONDENSATE TRANSFER PUMP
SCALE: NONE



3 MECHANICAL DEMOLITION PLAN - FIRST FLOOR MECHANICAL ROOM
SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES:

- EXISTING BOILER, PAD, BURNER, FUEL-OIL PIPING, GAS PIPING, FEEDWATER PIPING, BLOWDOWN AND DRAIN PIPING AND ALL APPURTENANCES TO BE REMOVED. FOR PAD REMOVAL SEE STRUCTURAL DRAWINGS.
- EXISTING CONTROL PANEL, PAD, AND ALL APPURTENANCES TO BE REMOVED. FOR PAD REMOVAL SEE STRUCTURAL DRAWINGS.
- EXISTING TRENCH AND COVER PLATE TO REMAIN.
- NOT USED.
- REMOVE EXISTING OIL PUMPS, PAD, PIPING AND APPURTENANCES. FOR PAD REMOVAL SEE STRUCTURAL DRAWINGS.
- EXISTING WATER TREATMENT EQUIPMENT, PAD, PIPING AND APPURTENANCES TO BE REMOVED. FOR PAD REMOVAL SEE STRUCTURAL DRAWINGS.
- EXISTING BOILER FEED PUMP, PAD, PIPING AND ALL APPURTENANCES TO BE REMOVED. FOR REMOVAL OF PAD SEE STRUCTURAL DRAWINGS.
- REPLACE CONDENSATE TRANSFER PUMPS P-16, P-17 AND P-18. SEE SCHEDULE. RECONNECT EXISTING ELECTRICAL.
- EXISTING PRV STATIONS TO REMAIN.
- EXISTING 10" STEAM HEADER TO REMAIN.
- NOT USED.
- REMOVE EXISTING BOILER BREACHING, SUPPORTS AND ALL APPURTENANCES. PATCH CHIMNEY OPENING WITH YELLOW FACE BRICK, PATCH WALL OPENING WITH GALVANIZED SHEET METAL.
- EXISTING CHIMNEY TO REMAIN.
- EXISTING SURGE TANK, PIPING, AND ALL APPURTENANCES TO REMAIN.
- EXISTING WATER HEATER PAD TO REMAIN.
- EXISTING WATER HEATERS AND PAD TO REMAIN.
- EXISTING BLOWDOWN TANK, PAD, PIPING AND ALL APPURTENANCES TO BE REMOVED. FOR PAD REMOVAL SEE STRUCTURAL DRAWINGS.
- REMOVE EXISTING BLOWDOWN VENT PIPING, SUPPORTS AND ALL APPURTENANCES.
- EXISTING CATWALK STRUCTURE TO REMAIN FOR VALVE ACCESS.
- REMOVE EXISTING RELIEF VALVE VENT PIPING TO UNDERSIDE OF FLOOR SLAB OF FLOOR ABOVE.
- SEAL EXISTING PIPE PENETRATIONS THRU CONCRETE SLAB.
- REMOVE EXISTING 6" STEAM LINE FROM BOILER TO EXISTING STEAM HEADER.
- EXISTING STEAM EXHAUST PIPING (PIPING FOR BOILER-BURNER TESTING AND ADJUSTING) UP THRU CONCRETE SLAB TO BE REMOVED. VALVE ON HEADER TO REMAIN. PROVIDE BLIND FLANGE.
- EXISTING CONDENSATE PUMPS (2 EA) TO REMAIN.
- EXISTING FLOOR DRAIN TO REMAIN.
- EXISTING 4" WASTE LINE DOWN FROM FLOOR ABOVE TO REMAIN.
- EXISTING STEAM MAIN TO NEW BED TOWER TO REMAIN.
- EXISTING 3" STEAM MAIN TO POOL HEATER TO REMAIN.
- EXISTING 4" STEAM MAIN TO RADIANT PANEL SYSTEM TO REMAIN.
- EXISTING 1-1/4" MAIN TO 60PSI PRESSURE REDUCING STATIONS TO REMAIN.
- EXISTING 6" MAIN TO PRESSURE REDUCING STATIONS TO REMAIN.
- EXISTING STEAM MAIN TO "E" WING TO REMAIN.
- NOT USED.
- EXISTING STEAM MAIN TO NURSING HOME TO REMAIN.
- EXISTING 4" STEAM MAIN TO DOMESTIC WATER HEATERS TO REMAIN.
- EXISTING STEAM MAIN TO ACA TO BE REMOVED.
- REMOVE EXISTING DEAERATOR, PAD, PIPING AND ALL APPURTENANCES.

NEW CONDENSATE TRANSFER PUMPS								
MARK	TYPE	MOUNT	CAP. (GPM)	DISCH. HEAD (FT)	RPM	MOTOR HP	VOLT	PH
P-16	CENTRIFUGAL	HORIZONTAL	100	75	1750	3	460	3
P-17	CENTRIFUGAL	HORIZONTAL	100	75	1750	3	460	3
P-18	CENTRIFUGAL	HORIZONTAL	100	75	1750	3	460	3
-	-	-	-	-	-	-	-	-

- NOTES:
1. PROVIDE SUCTION HOUSING TO MATCH EXISTING CONDITIONS.
2. PROVIDE PIPE FITTINGS AS REQUIRED TO CONNECT NEW PUMP TO EXISTING PIPE.



FINAL DESIGN
APPROVED FOR CONSTRUCTION

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Revisions:		Date		Approved: Project Director	Location GAINESVILLE, FLORIDA	Drawing Number MP104	
					Date JULY 8, 2016	Checked JSN	