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Date: November 5, 2025

Project Name: SUNO Boiler Replacement at Arts & Humanities & Gymnasium  
Project Address: 6400 Press Drive, New Orleans, LA 70126  
Parish Project No.: 25-040

## ADDENDUM # 2

The following items shall be considered part of the Contract Documents for the above referenced project and shall take precedence over any conflicting statements contained therein. Revise all other notes, schedules, details, elevations, and sections as required.

### MECHANICAL ITEMS:

#### Drawings:

1. Sheet Number: M2.0
  - a. Replace this sheet in its entirety with the attached.

#### Specifications:

1. Section Number: 232113
  - a. 3.7 Chemical Treatment/E shall read:  
Coordinate all water treatment with the Owners Water Treatment Provider:  
Thornton, Musso, & Bellemin, Inc. Contact: Jeff LeJeune, Cell 225-938-6522.

### PRIOR APPROVAL:

**NOTE:** Acceptance of a particular manufacturer does not excuse that manufacturer from meeting the plans and specifications. Compliance with specifications is the responsibility of the prior approval manufacturer.

The following Manufacturers are approved:

<u>Product</u>	<u>Model</u>
Hydronic Boilers	Fulton
Air Separator	Taco , Paterson
Magnetic Filter/Separator	PRM Filtration
Compression Tank	Taco
Modulating Boiler Seq System	Fulton

If you have any questions, please contact our office.  
Parish Engineering, LLC

SEAL



PROJECT INFORMATION

BOILER REPLACEMENT  
ARTS, HUMANITIES & SOCIAL SCIENCE  
BUILDING & GYMNASIUM, SUNO  
NEW ORLEANS, LA

REVISIONS

1	Revision 1	11-05-25

SHEET INFORMATION

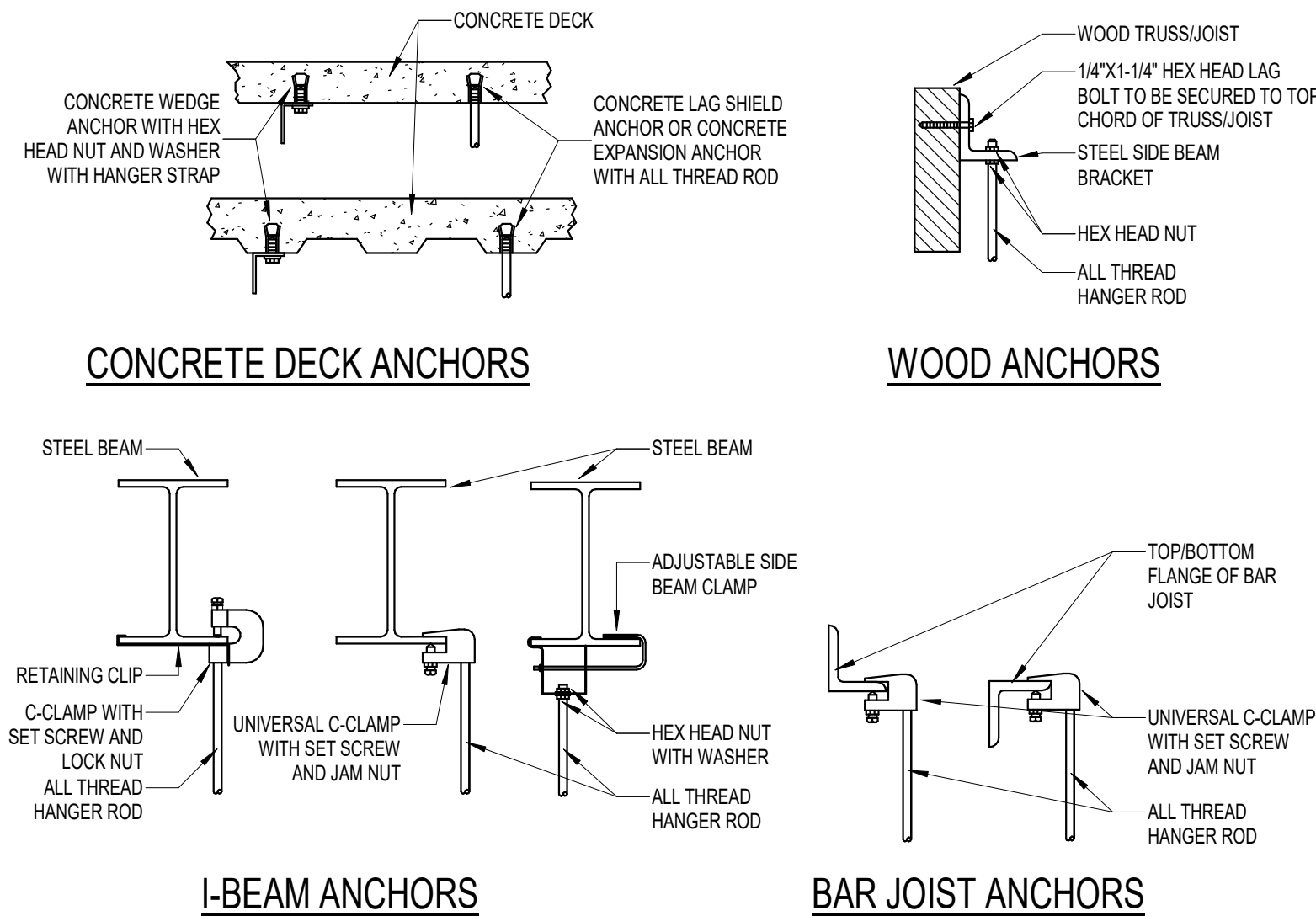
DATE:	06-18-2025
DRAWN BY:	CTD
CHECKED BY:	LJB
PROJECT #:	25-040

SHEET NAME

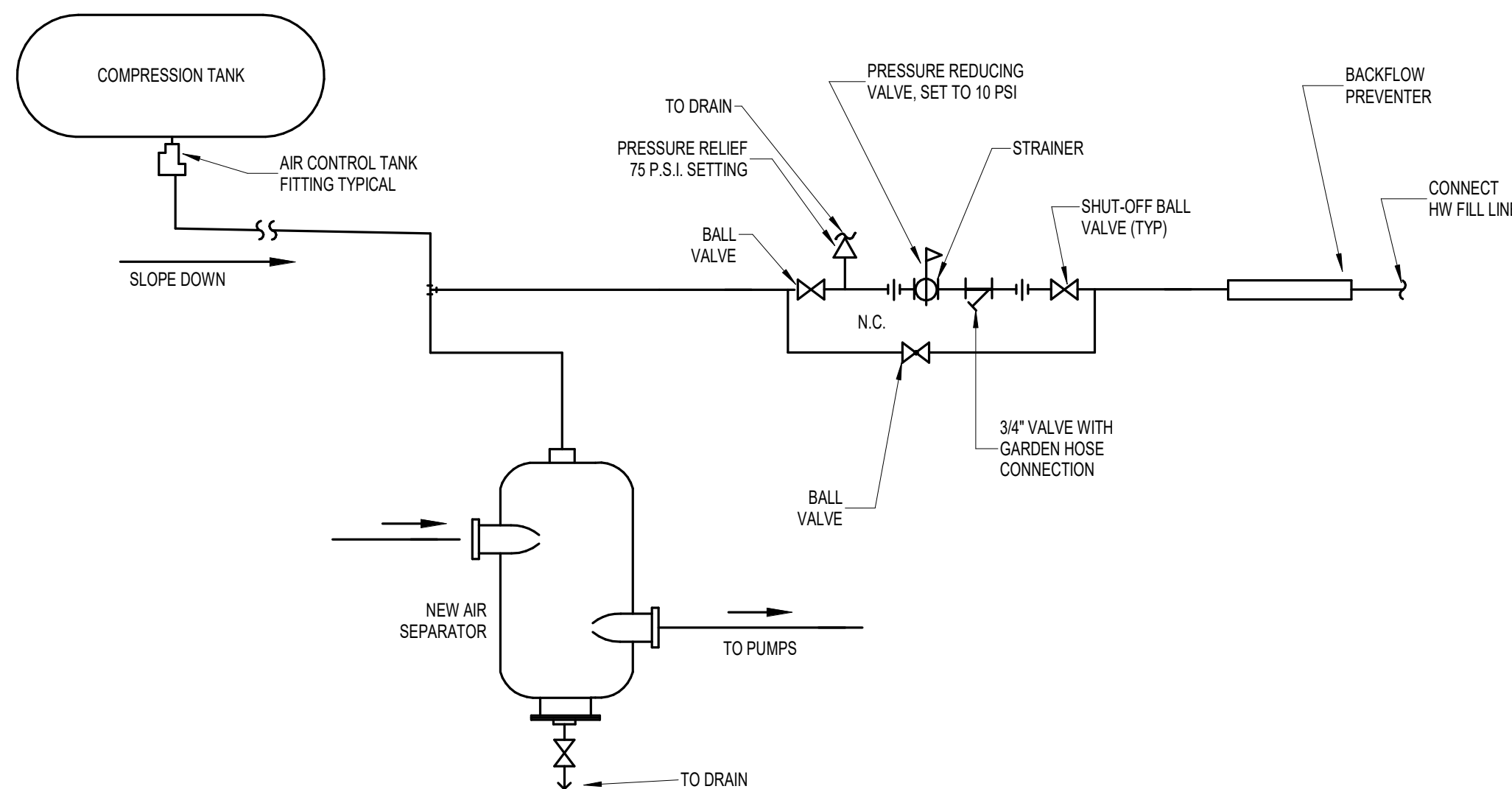
MECHANICAL DETAILS

SHEET NUMBER

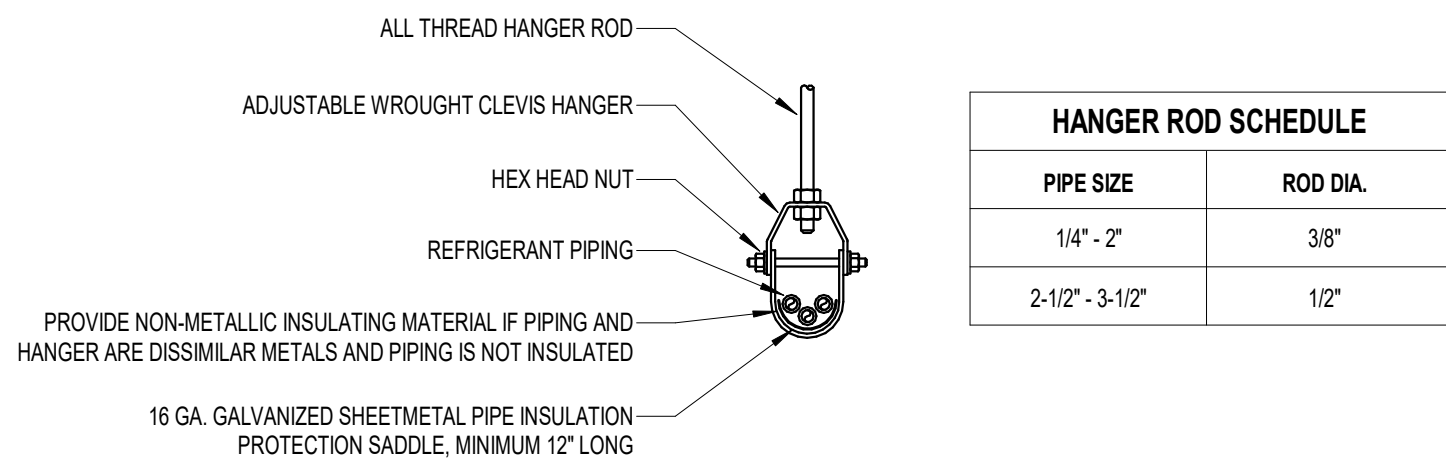
M2.0



3 DETAIL - DUCT/PIPE HANGER ANCHORS  
N.T.S.



2 DETAIL - AIR CONTROL SYSTEM PIPING  
N.T.S.

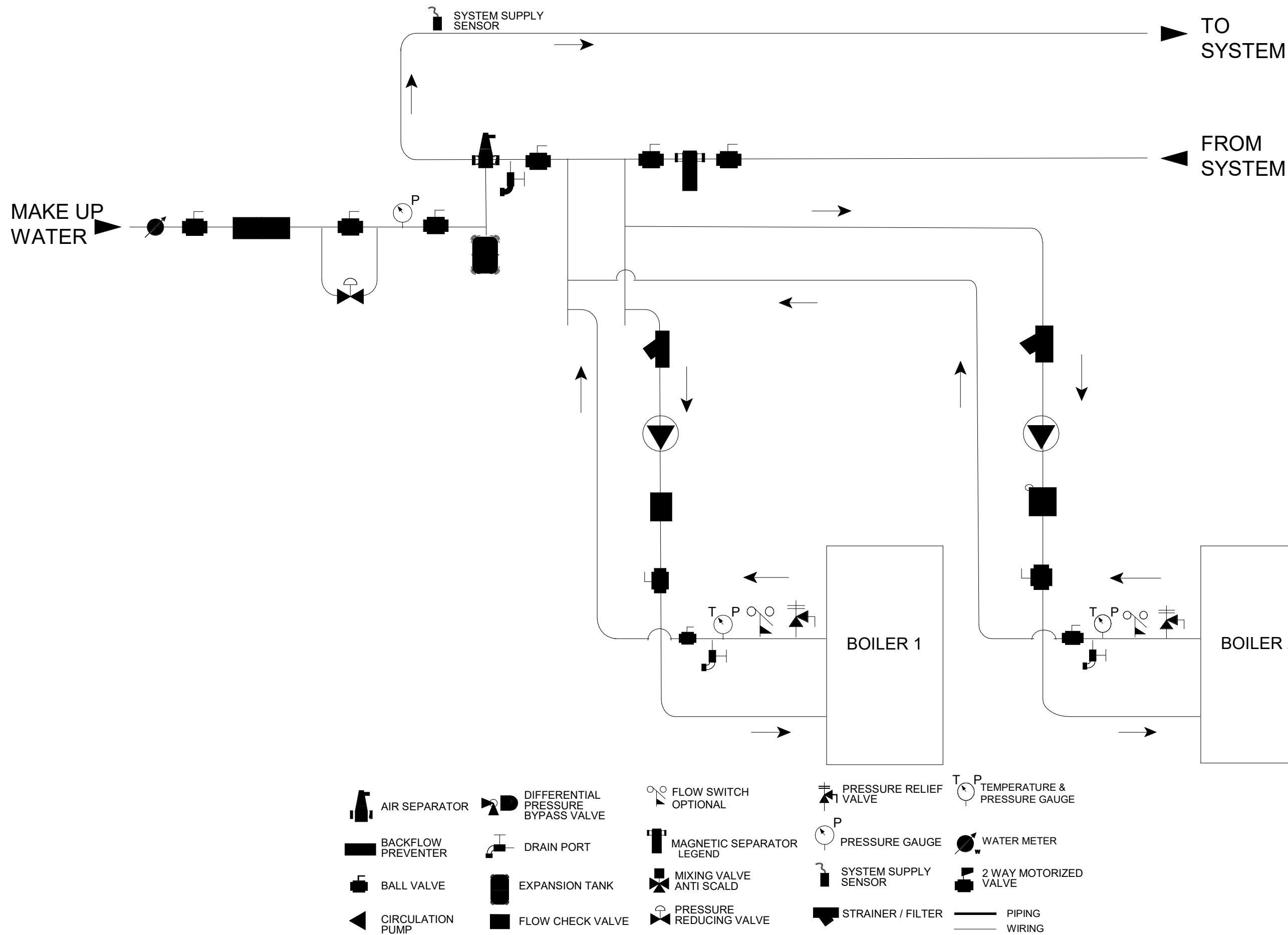


HANGER ROD SCHEDULE	
PIPE SIZE	ROD DIA.
1/4" - 2"	3/8"
2-1/2" - 3-1/2"	1/2"

GENERAL NOTES:

- HANGERS IN CONTACT WITH COPPER SHALL BE COPPER PLATED OR TEFLON COATED.
- MAXIMUM HORIZONTAL PIPE HANGER AND SUPPORT SPACING IS 5'-0".

1 DETAIL - REFRIGERANT PIPE SUPPORT HANGERS  
N.T.S.



4 DETAIL - BOILER PIPING DIAGRAM  
N.T.S.

SEQUENCE OF OPERATION

CENTRAL HEATING WATER:

- RUN CONDITIONS:
  - BOILER SHALL BE IN STANDBY MODE & ENABLE TO RUN UPON A CALL FOR HEATING, INDICATED BY TIME OF DAY SCHEDULE AND OUTSIDE AIR TEMPERATURE SETPOINT.
  - BOILER SHALL RUN SUBJECT TO ITS OWN INTERNAL CONTROLS & SAFETIES TO MAINTAIN A SUPPLY TEMPERATURE SETPOINT OF 180°F (ADJUSTABLE).
  - BOILER SHALL NOT BE ENABLED WHEN OUTSIDE AIR TEMPERATURE IS ABOVE 70°F (ADJUSTABLE).
- STOP CONDITIONS:
  - BOILER SHALL SHUT DOWN AND ENTER STANDBY MODE WHEN NO CALL FOR HEATING, INDICATED BY TIME OF DAY SCHEDULE AND OUTSIDE AIR TEMPERATURE SETPOINT.
  - BOILER SHALL SHUT DOWN & GENERATE ALARM UPON RECEIVING A REFRIGERANT LEAK DETECTION STATUS, CARBON MONOXIDE DETECTION OR HYDROCARBON DETECTION.
  - BOILER SHUT DOWN & GENERATE ALARM SUBJECT TO OWN INTERNAL CONTROLS & SAFETIES & MANUAL BOILER SHUTDOWN SWITCH.
- BOILER - PUMP INTERLOCK:
  - LEAD HOT WATER PUMP SHALL RUN WHEN BOILER IS ENABLED. UPON PROOF OF FLOW OBTAINED BY CURRENT SENSING RELAY ON PUMP, BOILER SHALL BE ENABLED.
  - WHEN BOILER IS DISABLED, BOILER SHALL STOP & PUMP SHALL STOP AFTER TIME DELAY.
- SECONDARY PUMPS - LEAD - STANDBY OPERATION:
  - LEAD PUMP SHALL RUN FIRST. PUMPS SHALL BE EVALUATED FOR LEAD POSITION BASED ON RUNTIME OR DAILY, WEEKLY, MONTHLY SWAP OVER AS SELECTED BY OWNER.
  - ON FAILURE OF A PUMP, STANDBY PUMP SHALL RUN & PUMP FAILURE - ALARM SHALL TURN OFF.
- BOILER:
  - BOILER SHALL UTILIZE INTERNAL CONTROLS TO MAINTAIN ADJUSTABLE LEAVING WATER TEMPERATURE SETPOINT. SETPOINT SHALL BE MANUALLY ADJUSTABLE BY OPERATOR.
  - TO PREVENT SHORT CYCLING, THE BOILER SHALL RUN FOR & BE OFF FOR MINIMUM ADJUSTABLE TIMES (BOTH USER DEFINED) UNLESS SHUTDOWN ON SAFETIES.
  - INTERCONNECT WITH CARBON MONOXIDE MONITOR, HYDROCARBON GAS MONITOR & MANUAL EMERGENCY SHUT OFF SWITCH.
  - BOILER SHALL USE INTERNAL CONTROLS FOR LEAD/LAG SCHEDULING.