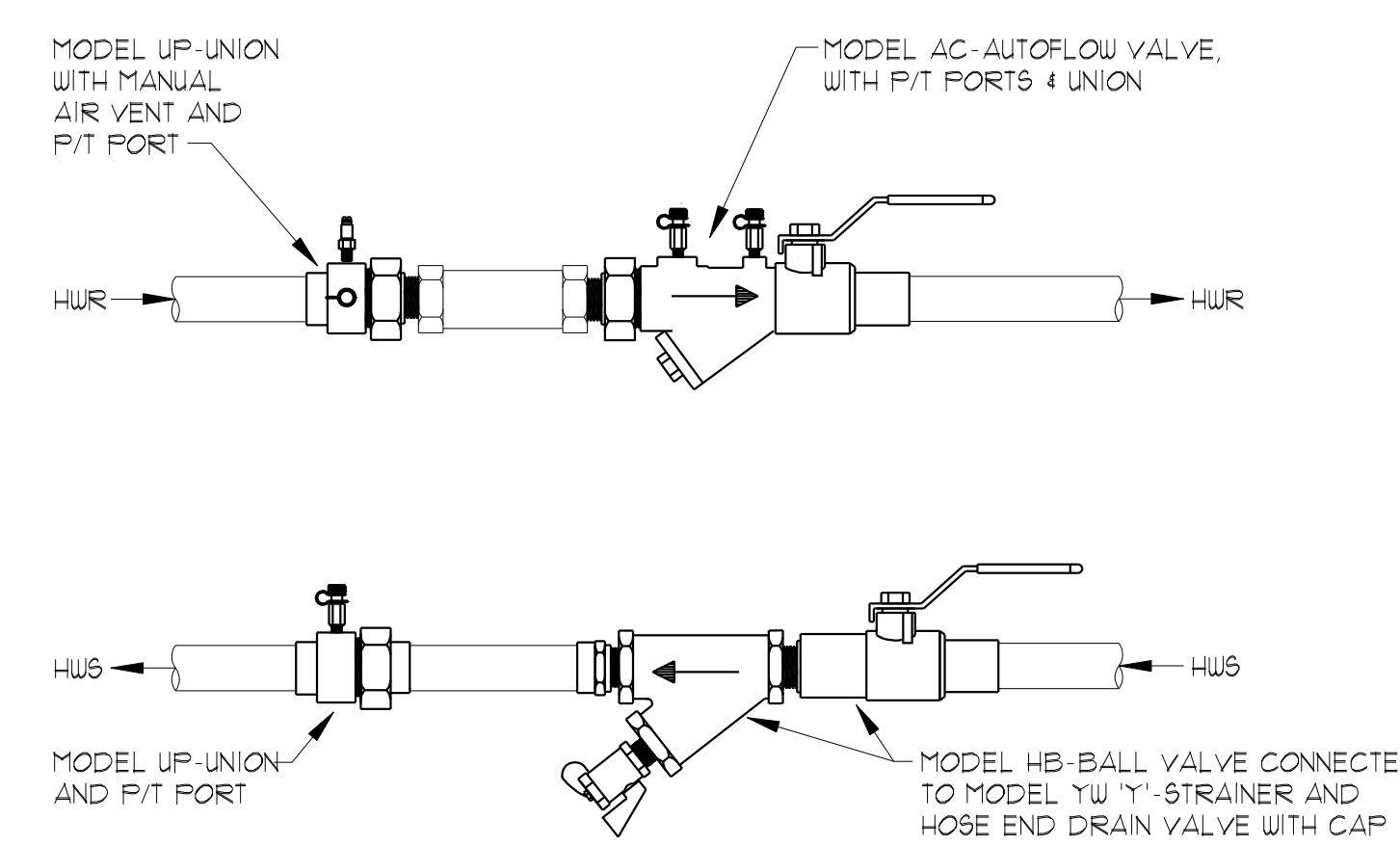


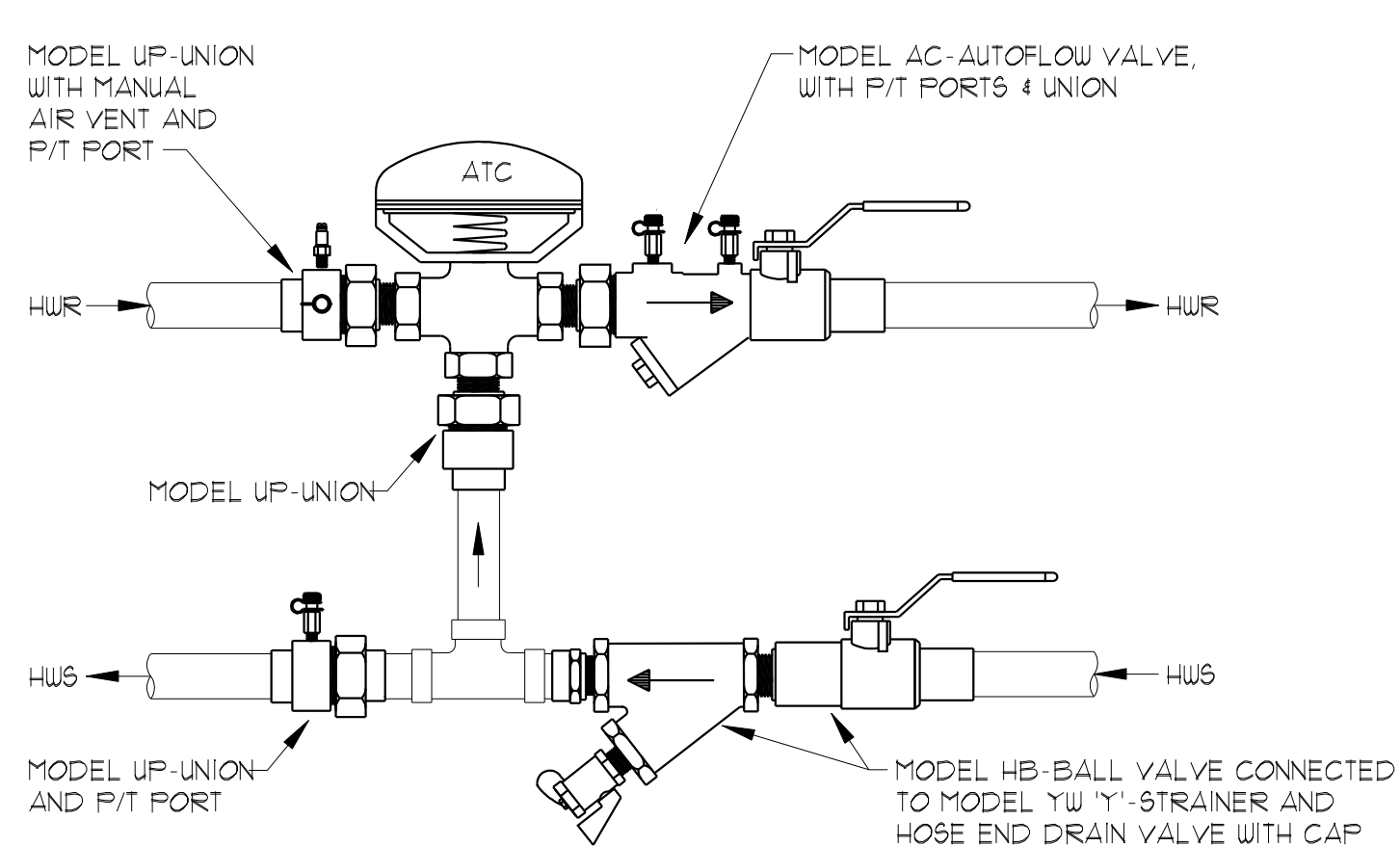
**DIFFUSER/RETURN CONNECTION DETAIL**  
 NT5

NOTE: DETAIL TYPICAL FOR CEILING GRILLES, REGISTERS AND LINEAR DIFFUSERS. FOR SURFACE-MOUNT DEVICES, SUPPORT PLENUM FROM CEILING GRID WITH STEEL ANGLES FASTENED TO PLENUM.



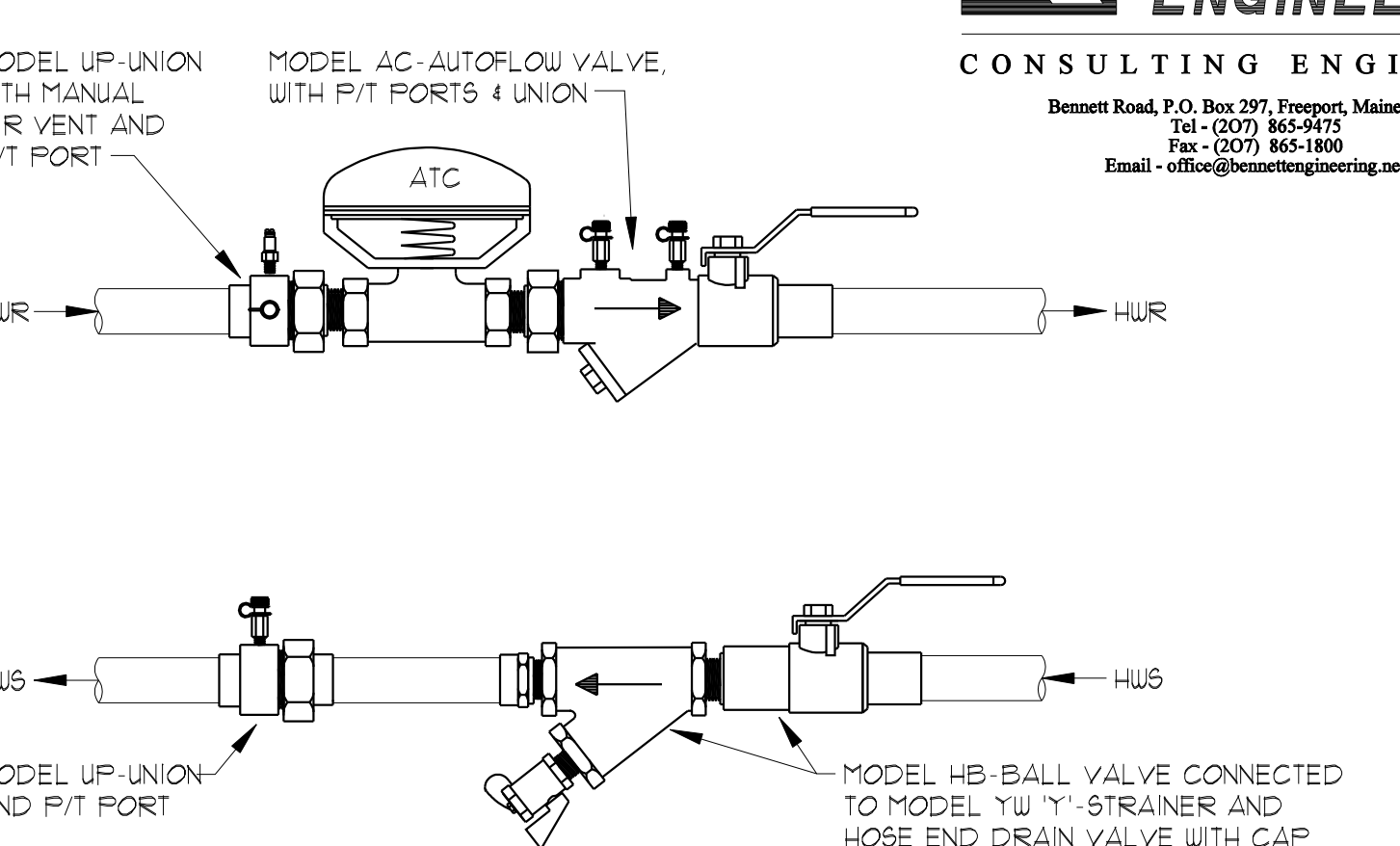
**AUTOFLOW VALVE PIPING SCHEMATIC W/ NO CONTROL VALVE**  
 NT5

MODEL NUMBERS BASED ON FLOW DESIGN, INC.  
 NOTE: APPLY DETAIL TO UNIT HEATERS AND CABINET UNIT HEATERS.



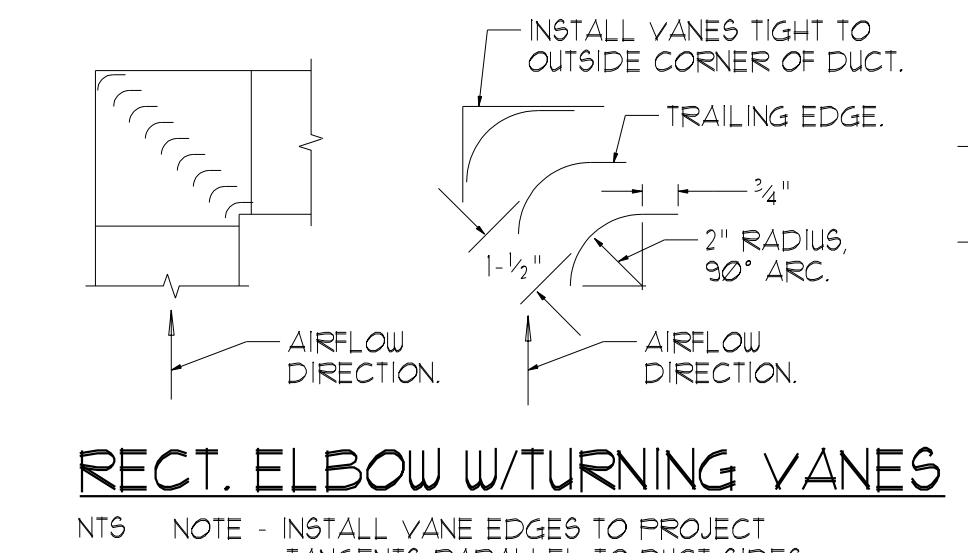
**AUTOFLOW VALVE PIPING SCHEMATIC W/ 3-WAY VALVE**  
 NT5

MODEL NUMBERS BASED ON FLOW DESIGN, INC.  
 NOTE: APPLY DETAIL TO HEATING COILS & FINNED TUBE AS INDICATED ON DWGS.

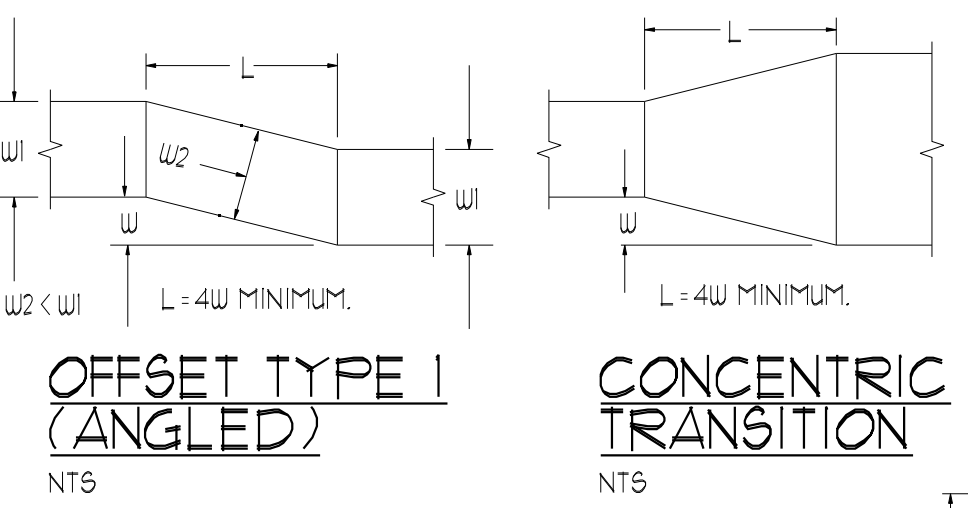


**AUTOFLOW VALVE PIPING SCHEMATIC W/ 2-WAY VALVE**  
 NT5

MODEL NUMBERS BASED ON FLOW DESIGN, INC.  
 NOTE: APPLY DETAIL TO FINNED TUBE AND SPACE HEATERS AS INDICATED ON DWGS.

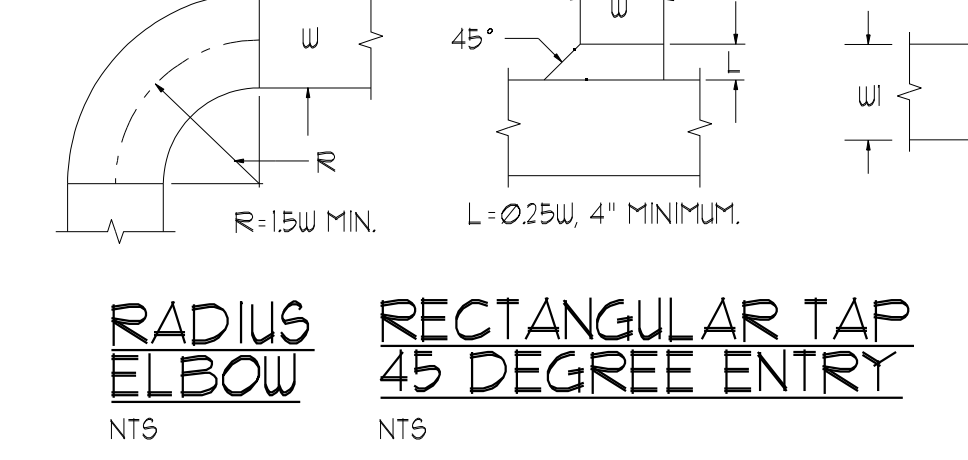


**RECT. ELBOW W/TURNING VANES**  
 NT5



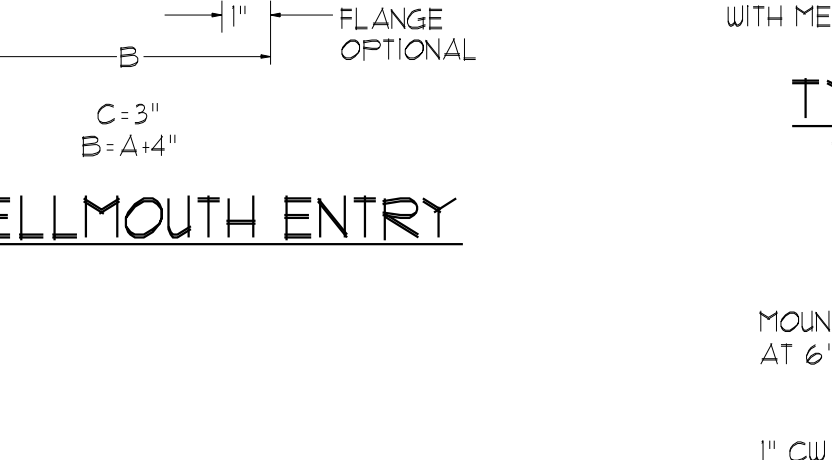
**OFFSET TYPE 1 (ANGLED)**  
 NT5

**CONCENTRIC TRANSITION**  
 NT5



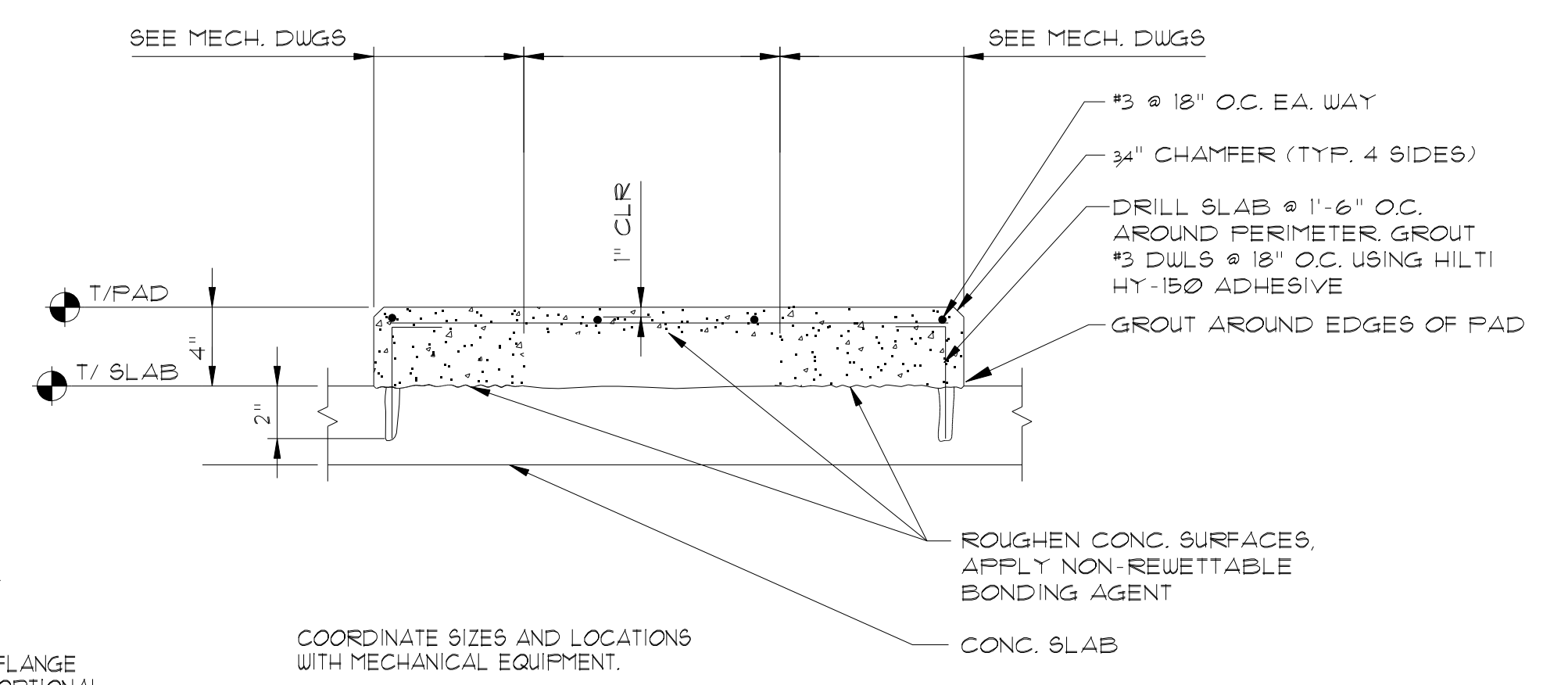
**RADIUS ELBOW**  
 NT5

**RECTANGULAR TAP 45 DEGREE ENTRY**  
 NT5



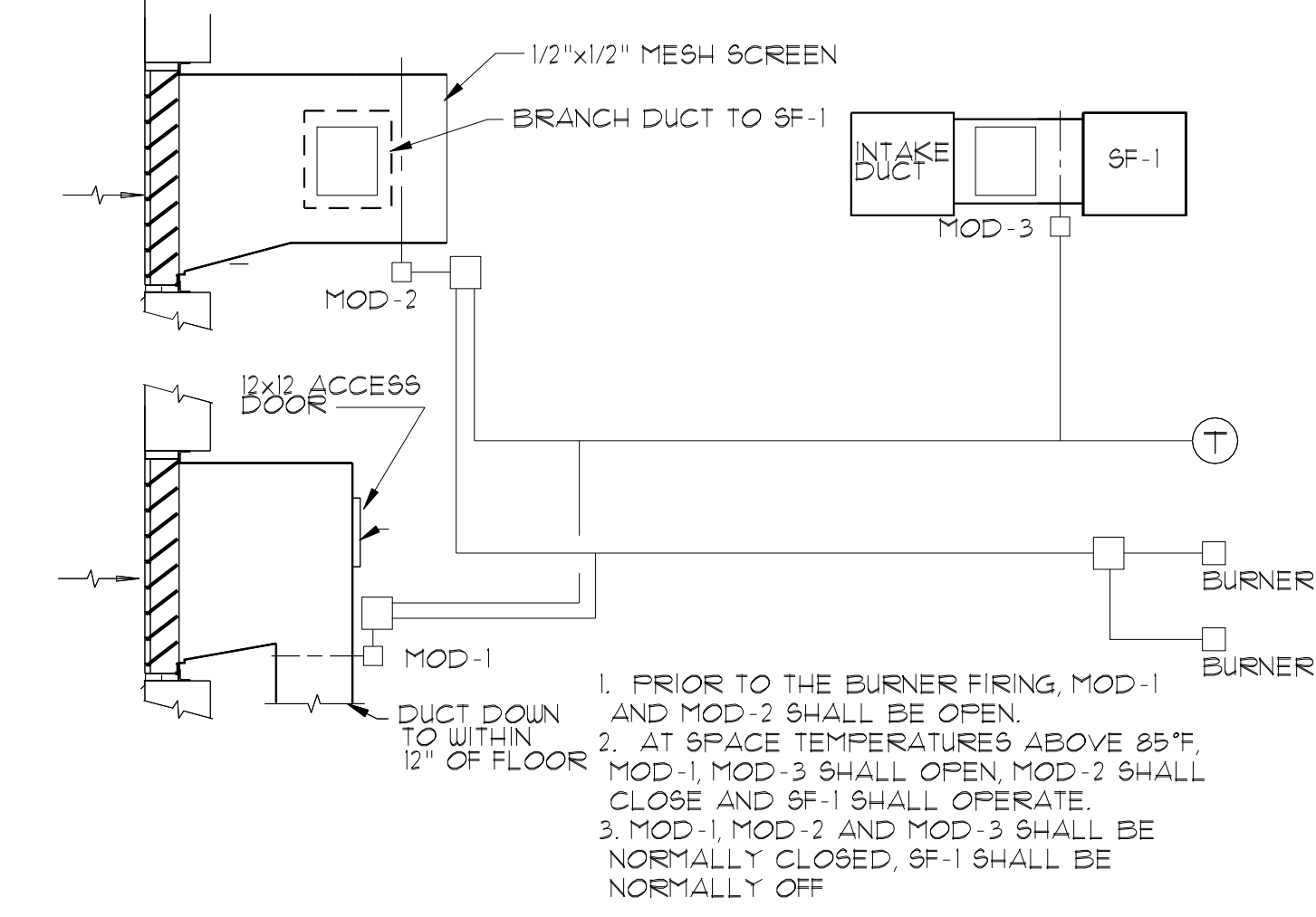
**OFFSET TYPE 2 (MITERED)**  
 NT5

**ECCENTRIC TRANSITION**  
 NT5



**TYP. CONCRETE PAD ON SLAB**  
 NT5

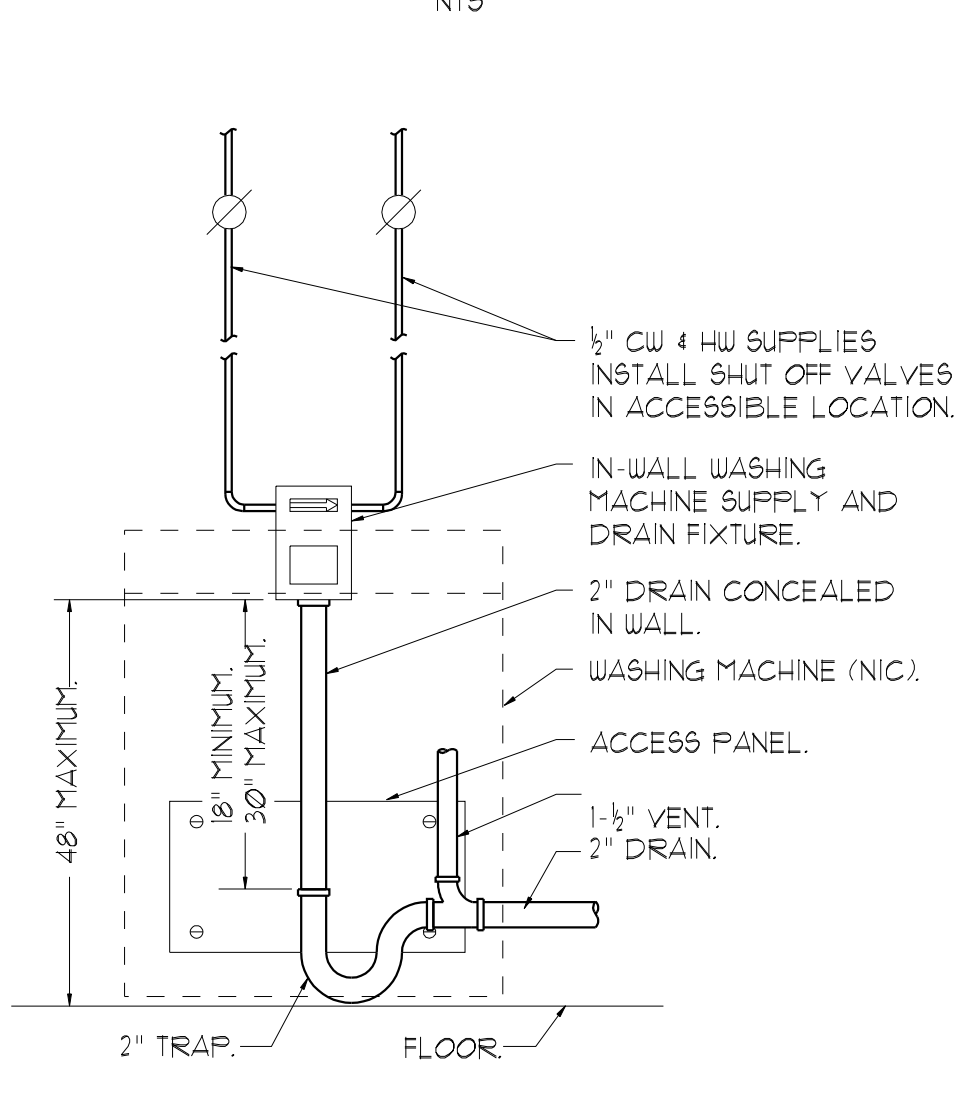
COORDINATE SIZES AND LOCATIONS WITH MECHANICAL EQUIPMENT.  
 PADS BY GENERAL CONTRACTOR



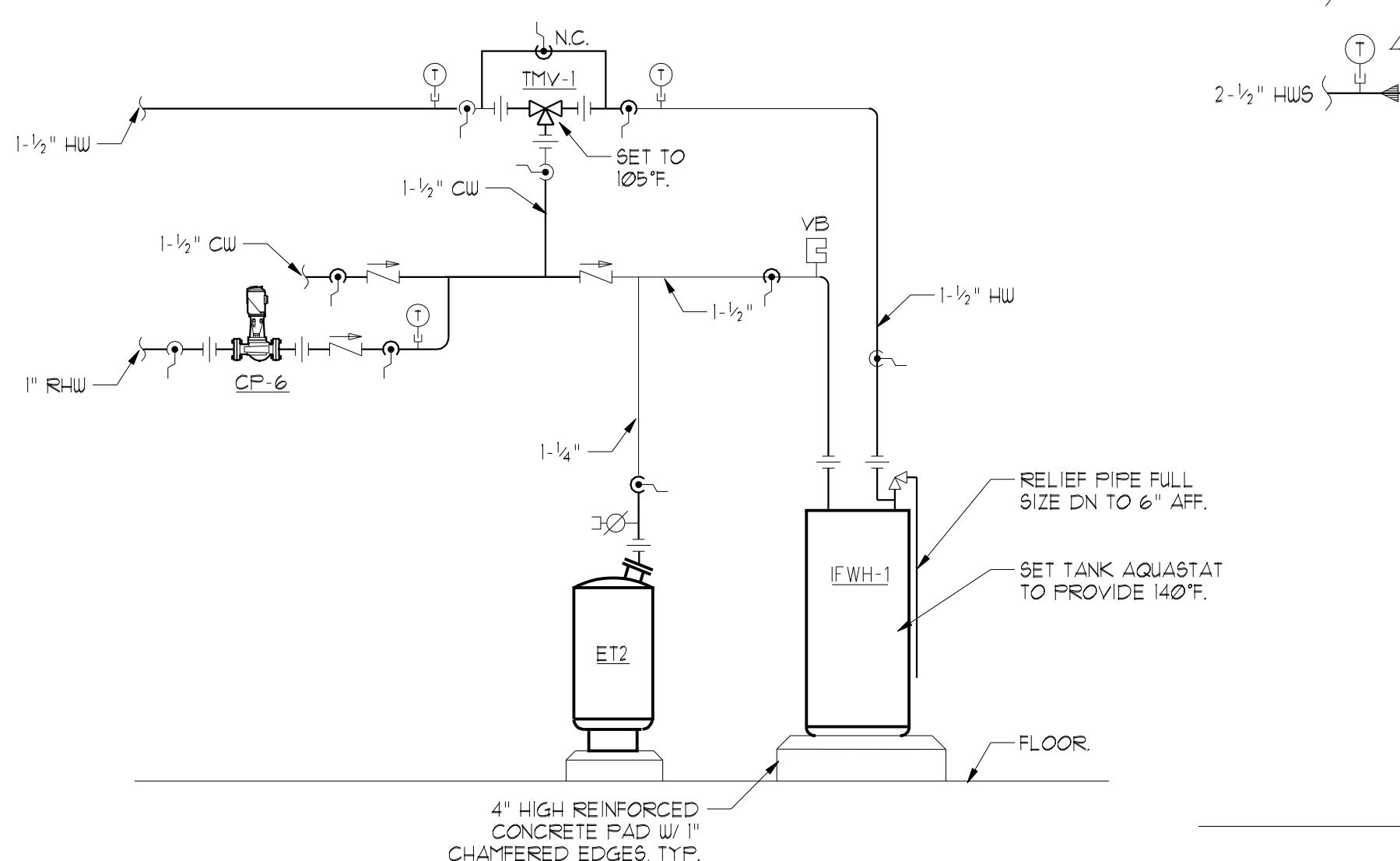
**MECHANICAL ROOM VENTILATION DETAIL**  
 NT5

1. PRIOR TO THE BURNER FIRING, MOD-1 AND MOD-2 SHALL BE OPEN.  
 2. AT SPACE TEMPERATURES ABOVE 85°F, MOD-1, MOD-3 SHALL OPEN, MOD-2 SHALL CLOSE AND SF-1 SHALL OPERATE.  
 3. MOD-1, MOD-2 AND MOD-3 SHALL BE NORMALLY CLOSED, SF-1 SHALL BE NORMALLY OFF.

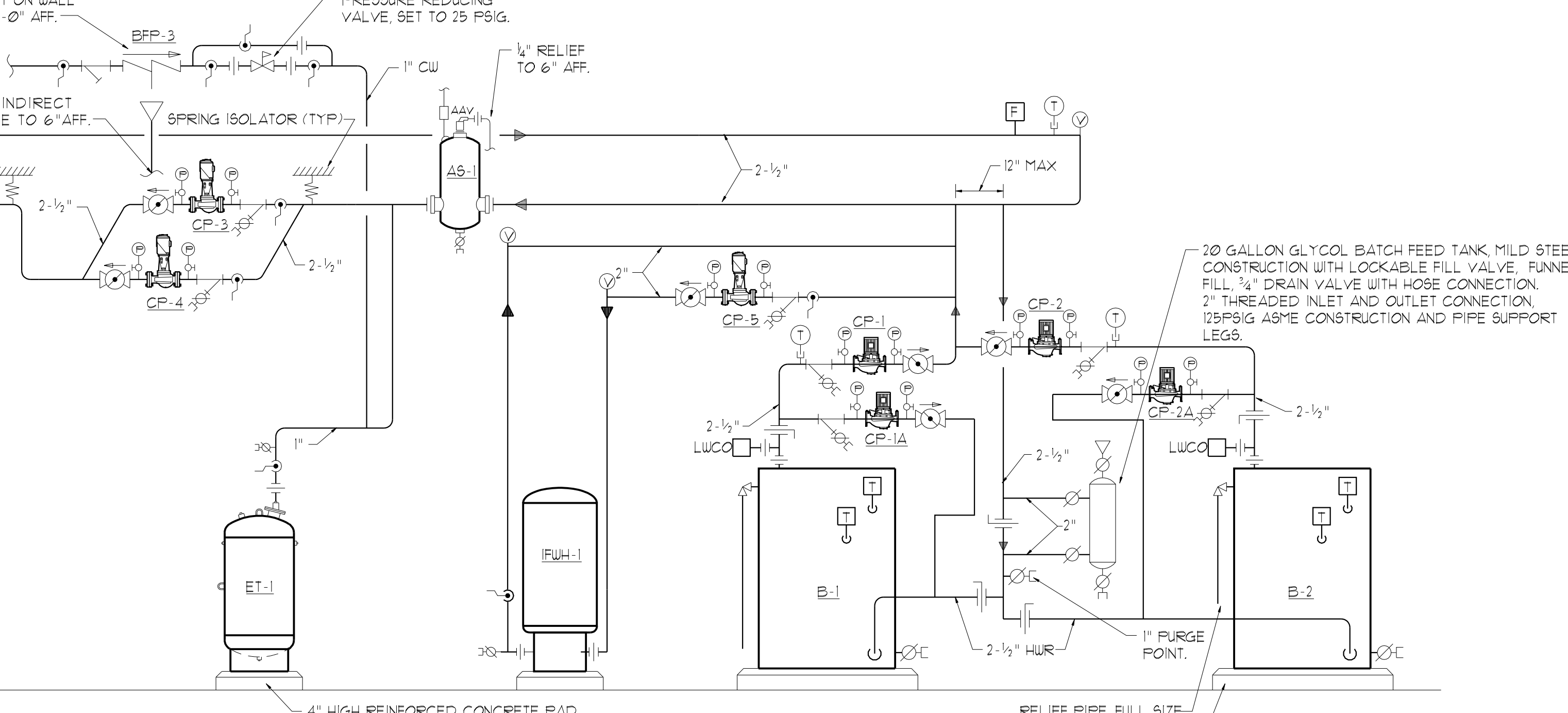
**LOW PRESSURE DUCT CONSTRUCTION DETAILS - TYPICAL**  
 NT5



**WASHING MACHINE HOOK-UP DETAIL**  
 NT5



**DOMESTIC HOT WATER PIPING SCHEMATIC**  
 NT5



**BOILER PIPING SCHEMATIC**  
 NT5

RELIEF PIPE, FULL SIZE DOWN TO 6\"/>

Owner: **FORE RIVER HOUSING LP**  
 C/O AVESTA  
 307 CUMBERLAND AVE  
 PORTLAND, MAINE 04101

Client:

**FORE RIVER APARTMENTS**  
 63 Frederic Street  
 Portland, Maine

Project No: 04416 FRA

Drawing Title:

**MECHANICAL DETAILS**

Scale: AS NOTED

Date: 02/21/2005

Revisions:

- ▲
- ▲
- ▲
- ▲
- ▲

Drawing Number:

**M3.4**