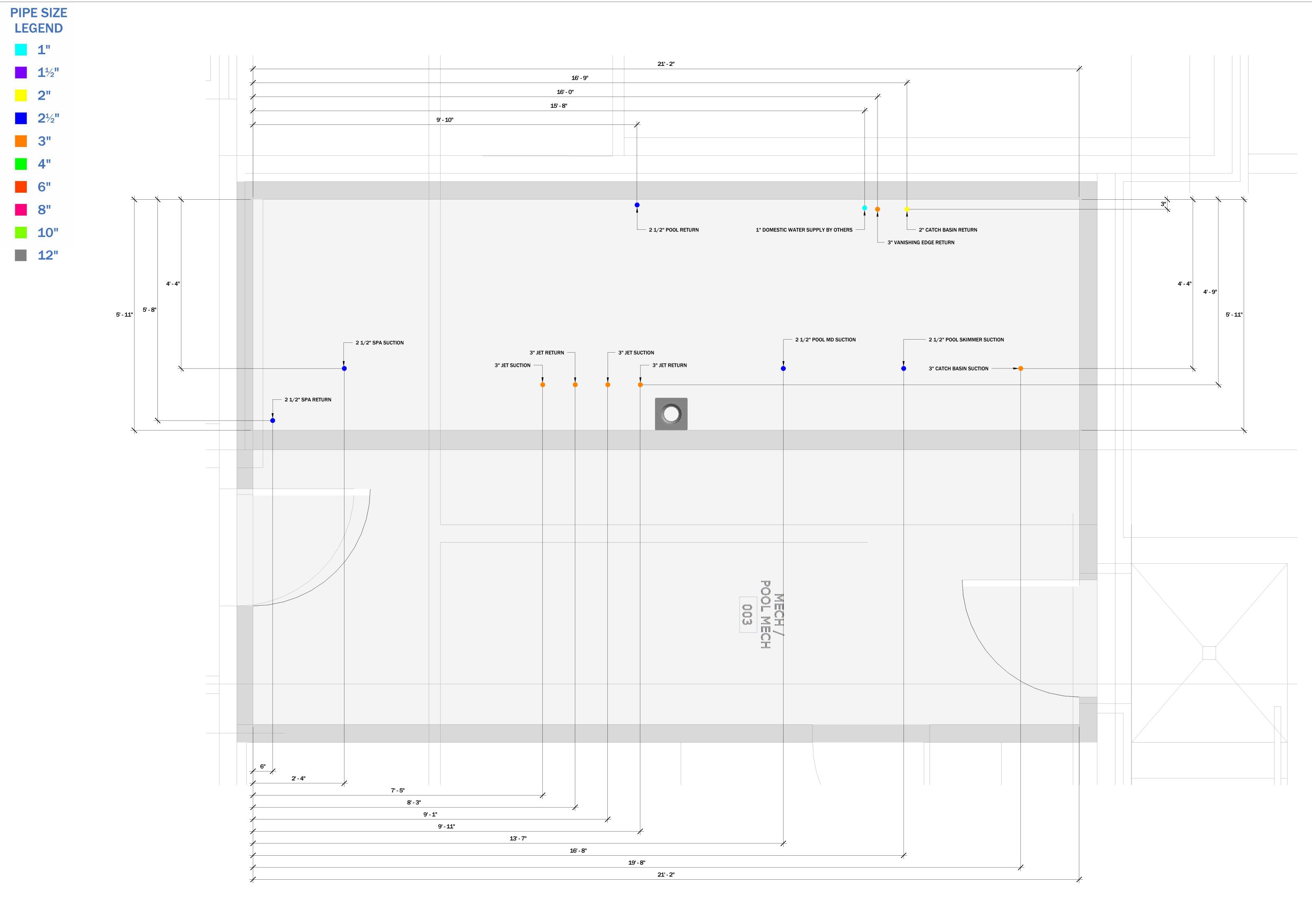


IAD HYDRAULIC DESIGN SAMPLE  $\mathbf{H}$ IER F

IÀD

- Innovative Aquatic Designs 🚽

Sheet Name EQUIPMENT LAYOUT PLAN scale: 1" = 1'-0" Sheet No. **SP66** Date issued 12/03/2024

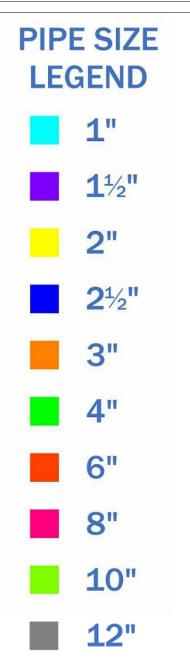




# IAD HYDRAULIC DESIGN SAMPLE TIER 1

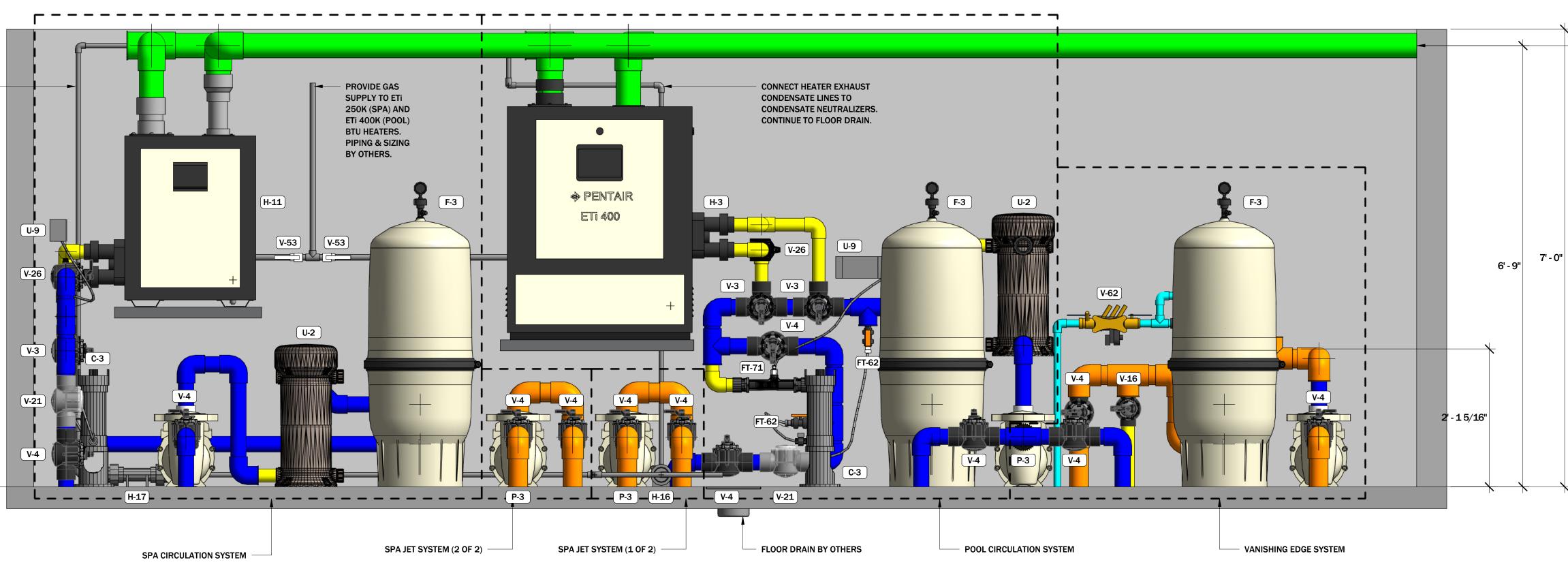
Sheet Name EQUIPMENT PIPING STUB-UP PLAN

<u>Scale: 1" = 1'-0"</u> Sheet No. **SP6.1** Date issued 12/03/2024



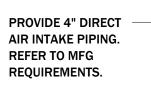
**E-4 E-2** 

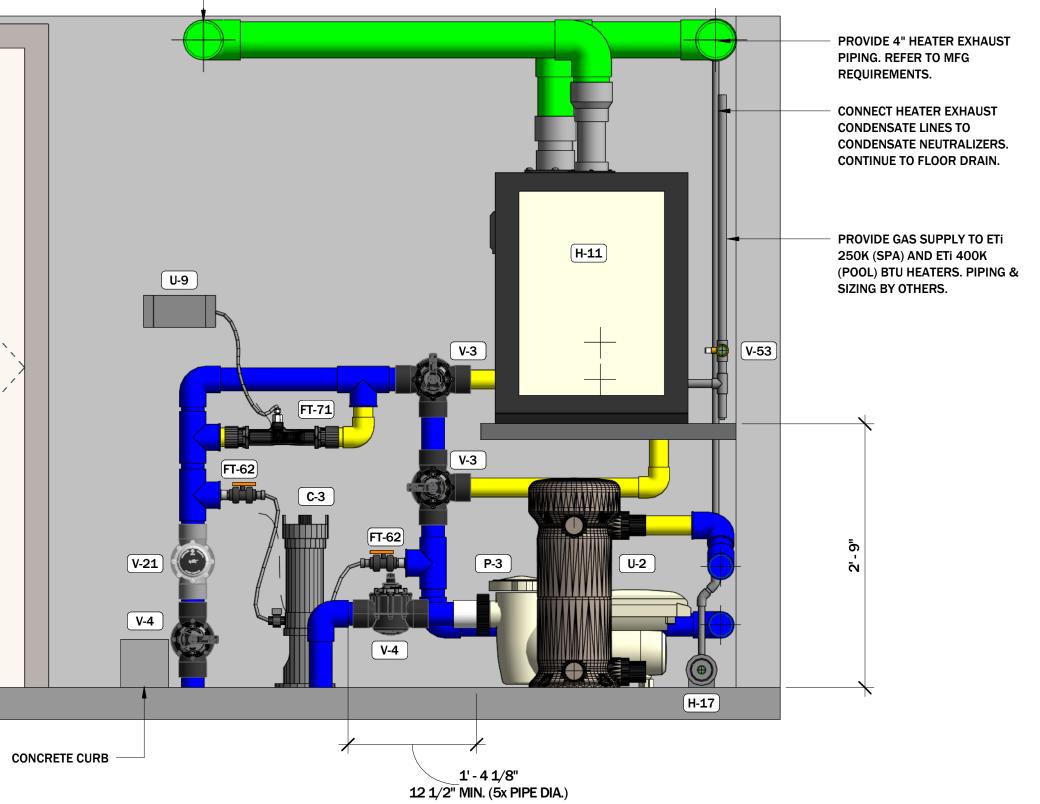
1 SPA EQUIPMENT ELEVATION 1" = 1'-0"



CONNECT HEATER EXHAUST CONDENSATE LINES TO CONDENSATE NEUTRALIZERS. CONTINUE TO FLOOR DRAIN.





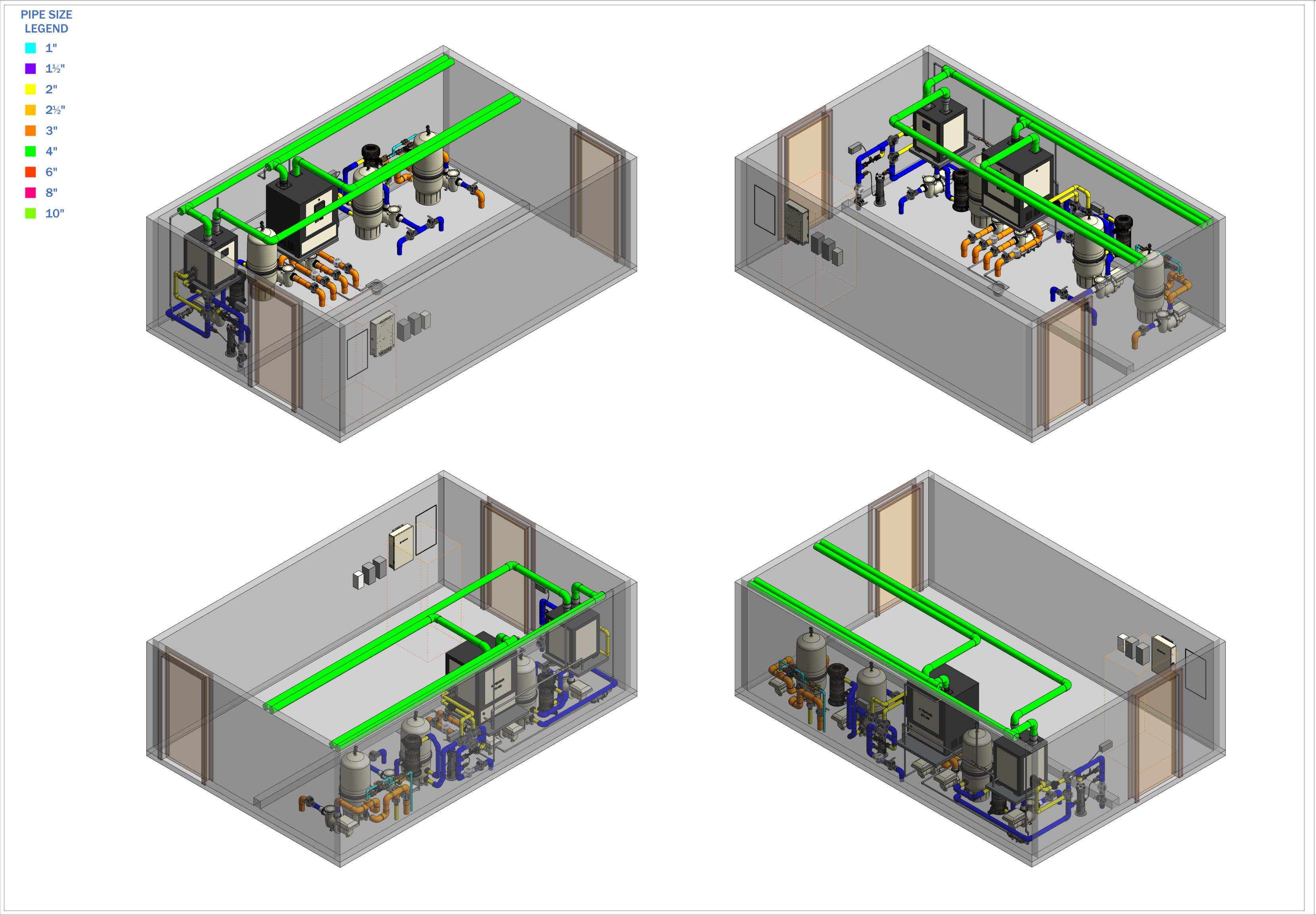




### SAMPLE HYDRAULIC DESIGN $\mathbf{H}$ IER IAD

PROVIDE SEPARATE HEATER EXHAUST VENTING AND DIRECT AIR INTAKE FOR EACH HEATER. REFER TO MFG. REQUIREMENTS.

> Sheet Name EQUIPMENT ROOM ELEVATION scale: 1" = 1'-0" Sheet No. SP6.2 Date issued 12/03/2024





## IAD HYDRAULIC DESIGN SAMPLE TIER 1

Sheet Name 3D EQUIPMENT ROOM Scale: Sheet No. SP7 Date issued 12/03/2024

		Equipment Schedule		
Keynote	Name	Manufacturer	Model #	Quantity
A-2	Equipment Name	Jandy	Model Number	1
C-3	Equipment Name	Pentair	Model Number	2
E-2	Equipment Name	Intermatic	Model Number	2
E-4	Equipment Name	Pentair	Model Number	1
F-3	Equipment Name	Pentair	Model Number	3
FT-62	Equipment Name	Spears, Asahi, Watts	Model Number	4
FT-71	Equipment Name	Paramount	Model Number	2
H-3	Equipment Name	Pentair	Model Number	1
H-11	Equipment Name	Pentair	Model Number	1
H-16	Equipment Name	Pentair	Model Number	1
H-17	Equipment Name	Pentair	Model Number	1
P-3	Equipment Name	Pentair	Model Number	5
U-2	Equipment Name	Paramount	Model Number	2
U-9	Equipment Name	Ultrapure	Model Number	2
V-3	Equipment Name	Jandy	Model Number	4
V-4	Equipment Name	Jandy	Model Number	12
V-7	Equipment Name	Asahi	Model Number	3
V-8	Equipment Name	Asahi	Model Number	4
V-16	Equipment Name	Pentair	Model Number	1
V-21	Equipment Name	Jandy	Model Number	4
V-26	Equipment Name	H2Flow	Model Number	2
V-26	Equipment Name	Jandy	Model Number	1
V-53	Equipment Name	Watts	Model Number	2
V-62	Equipment Name	Zurn Wilkins	Model Number	1

Pipe Fitting Schedule					
Fitting type	Size	Count			
Coupling - PVC	3"-3"	9			
Elbow - PVC - Sch 40	1"-1"	3			
Elbow - PVC - Sch 40	1/2"-1/2"	12			
Elbow - PVC - Sch 40	2 1/2"-2 1/2"	24			
Elbow - PVC - Sch 40	2"-2"	11			
Elbow - PVC - Sch 40	3"-3"	19			
Elbow - PVC - Sch 40	3/4"-3/4"	2			
Elbow - PVC - Sch 40	4"-4"	6			
Plug - PVC - Sch 40	3/4"	2			
Reducer Bushing	1"-1"	4			
Reducer Bushing	2 1/2"-1"	4			
Reducer Bushing	2 1/2"-2"	12			
Reducer Bushing	3"-1"	1			
Reducer Bushing	3"-2 1/2"	2			
Reducer Bushing	3"-2"	2			
Reducer Bushing	4"-1/2"	2			
Tee - PVC - Sch 40	1"-1"-1"	2			
Tee - PVC - Sch 40	2 1/2"-2 1/2"-2 1/2"	9			
Tee - PVC - Sch 40	3"-3"-3"	2			
Tee - PVC - Sch 40	3/4"-3/4"-3/4"	3			
Tee - PVC - Sch 40	4"-4"-4"	2			
Transition - Welded	2"-3/8"	2			

Pipe Schedule						
Size	Туре	Length				
1"	PVC - SCH 40	7'				
1/2"	PVC - SCH 40	33'				
2 1/2"	PVC - SCH 40	29'				
2"	PVC - SCH 40	15'				
3"	PVC - SCH 40	10'				
3/4"	PVC - SCH 40	11'				
4"	PVC - SCH 40	71'				



## IAD HYDRAULIC DESIGN SAMPLE TIER 1

