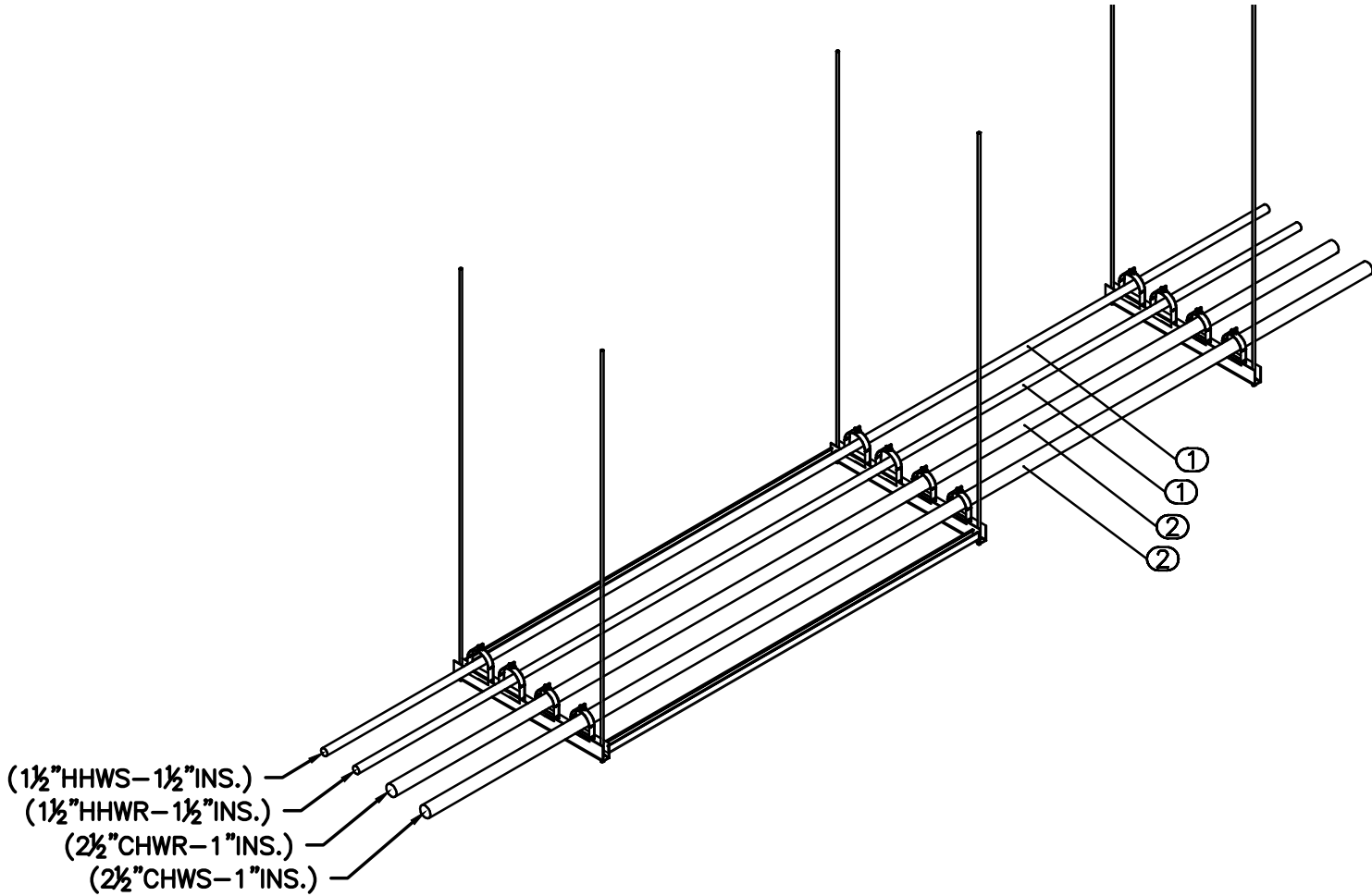


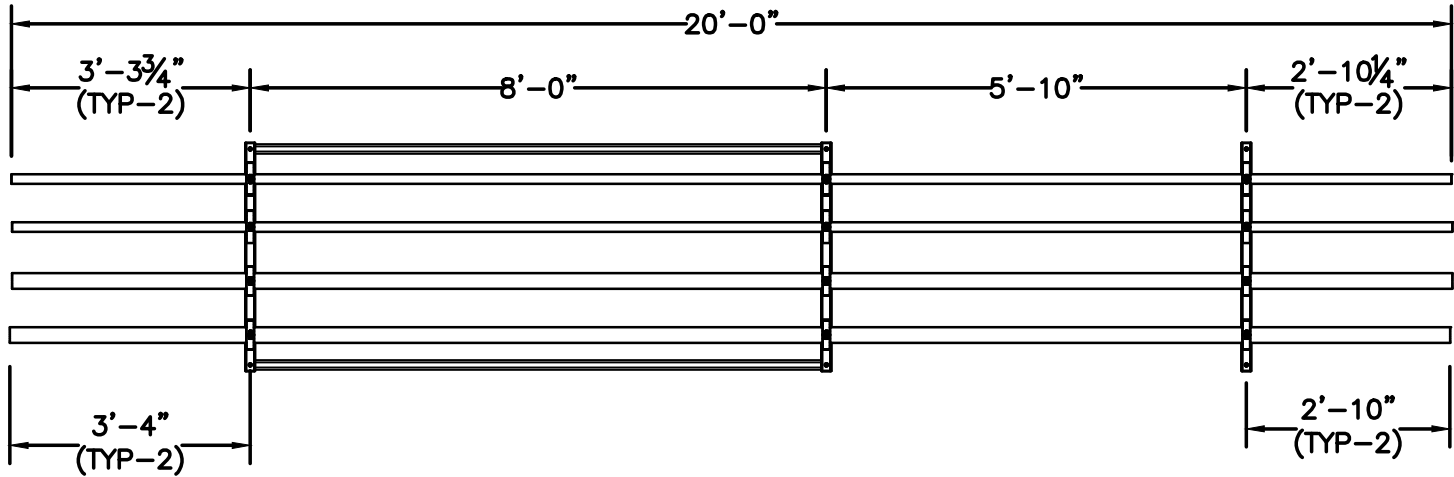
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C:\Users\bwelch\Desktop\WASH U\210140-A-UPL3-A04.dwg
08/24/2021 - 9:27am
bwelch



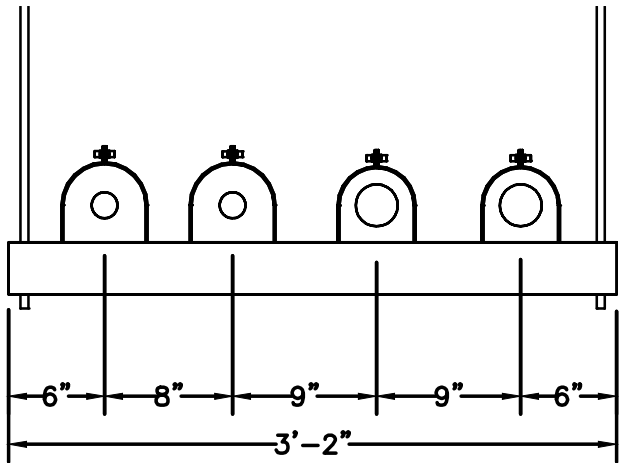
ISOMETRIC VIEW
SCALE: N.T.S.

1



PLAN VIEW
SCALE: N.T.S.

2



ELEVATION VIEW
SCALE: N.T.S.

3

Murphy-PFFS-SPOOL-BOM

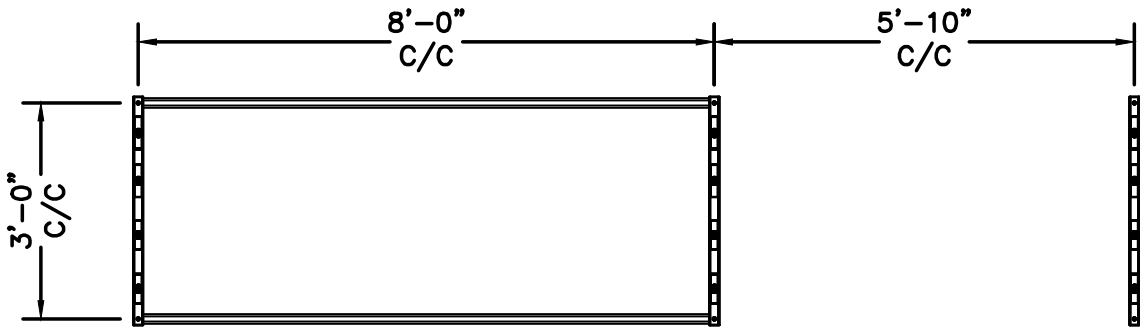
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1	2	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	20'-0"	240.000	1-1/2
2	2	Type K Hard Copper Pipe	Copper Ftg	Copper Ftg	20'-0"	240.000	2-1/2

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St. Louis, MO 63132-2303
314-997-6600 phone
BIMCAD@murphy-stl.com

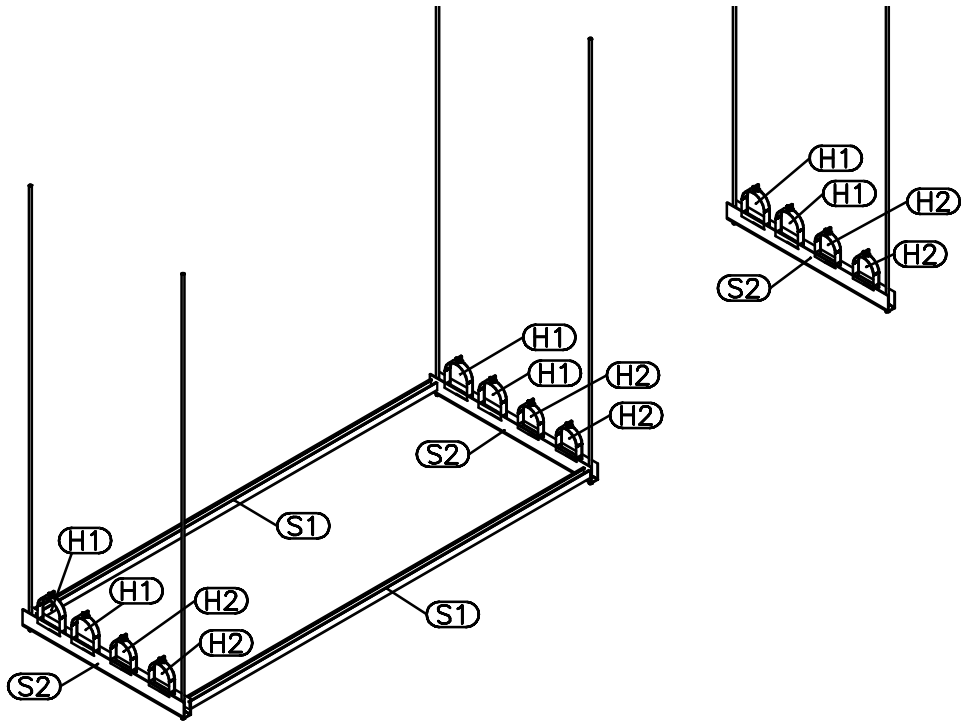
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	SPEC.	ASME	X-RAY	HYDRO TEST	PWHT	MURPHY WPS#			
	NA	NA	NA	NA	NA				
	0	REV	DATE	DESCRIPTION					
							DRN	CHK	APP

DRN	BW	8/22/2021	WUSM RESEARCH BUILDING		
CHK			NRB		
APP			LVLO3 AHU SPOOLS		
JOB NO.	210140		SERVICE NAME	RACK UPL3-A04	
REF.DWG.	WUSM C-03		QTY.	SHT/NO	REV
DRAWING NO./TRACKING NO.			1	1 of 1	0
210140-A-UPL3-A04					



PLAN VIEW
SCALE: N.T.S.

2

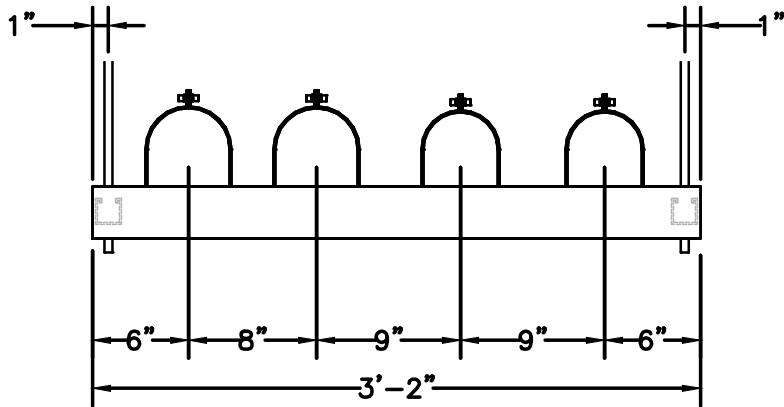


ISOMETRIC VIEW
SCALE: N.T.S.

1

BOM-STEEL

Item No	Order	Description	Qty	Size	Steel L
H1	929162	Klo-Shure Strut Clamp 1-1/2in Insul Cplg - Fiberglass_CTS	6	1-1/2	
H2	928262	Klo-Shure Strut Clamp 1in Insul Cplg - Fiberglass_CTS	6	2-1/2	
S1	B22 YZN	1-5/8 GALV 12GA 2in Slotted Unistrut	2	1-5/8x1-5/8	94 1/2"
S2	B22SHAGLV	1-5/8 GALV 12GA Bk/Bk 2in Slotted Unistrut	3	1-5/8x3-1/4	



ELEVATION VIEW
SCALE: N.T.S.

3

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<input type="checkbox"/> FLANGE WEIGHT/ORIENTATION <input type="checkbox"/> FITTING ORIENTATION <input type="checkbox"/> BOLTS/CPLG'S/TH'D TIGHT <input type="checkbox"/> SPOOL IDENTIFICATION	QA/QC ACCEPT				SPEC. NA				ASME NA				X-RAY NA				HYDRO TEST NA				PWHT NA				COMMENTS				
																									MURPHY WPS#				
	0																												
	REV				DATE																DESCRIPTION				DRN		CHK		APP

DRN	BW	8/22/2021	WUSM RESEARCH BUILDING											
CHK			NRB											
APP			LVLO3 AHU SPOOLS											
JOB NO.	210140		SERVICE NAME											
REF.DWG.	WUSM C-03		RACK UPL3-A04-STEEL											
DRAWING NO./TRACKING NO.	210140-A-UPL3-A04-STL	1	QTY.	1	SHT/NO	1	OF	1	REV	0				