

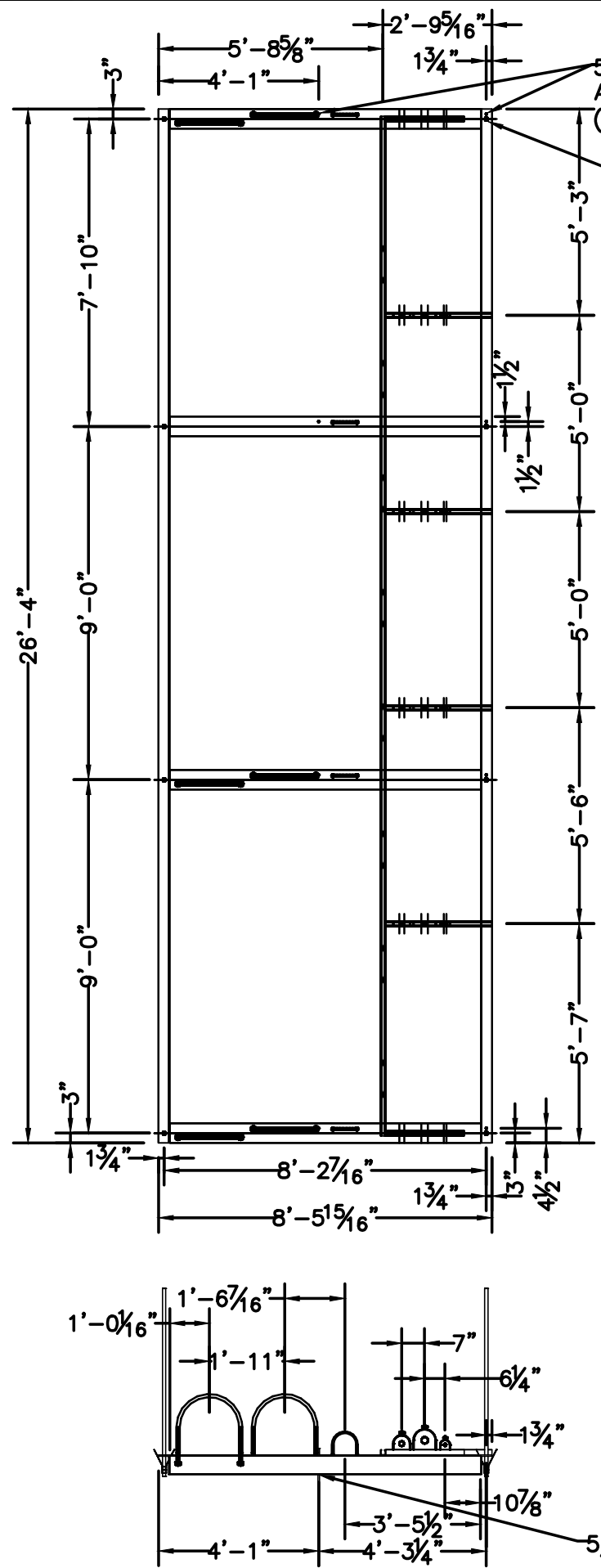
Murphy-PFFS-SPOOL-BOM

Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	1	Std Wt SA-53B CS ERW Pipe PE	Grooved End	Grooved End	36'-0"	432.000	14
2	1	Std Wt SA-53B CS ERW Pipe PE	Grooved End	Grooved End	36'-0"	432.000	14

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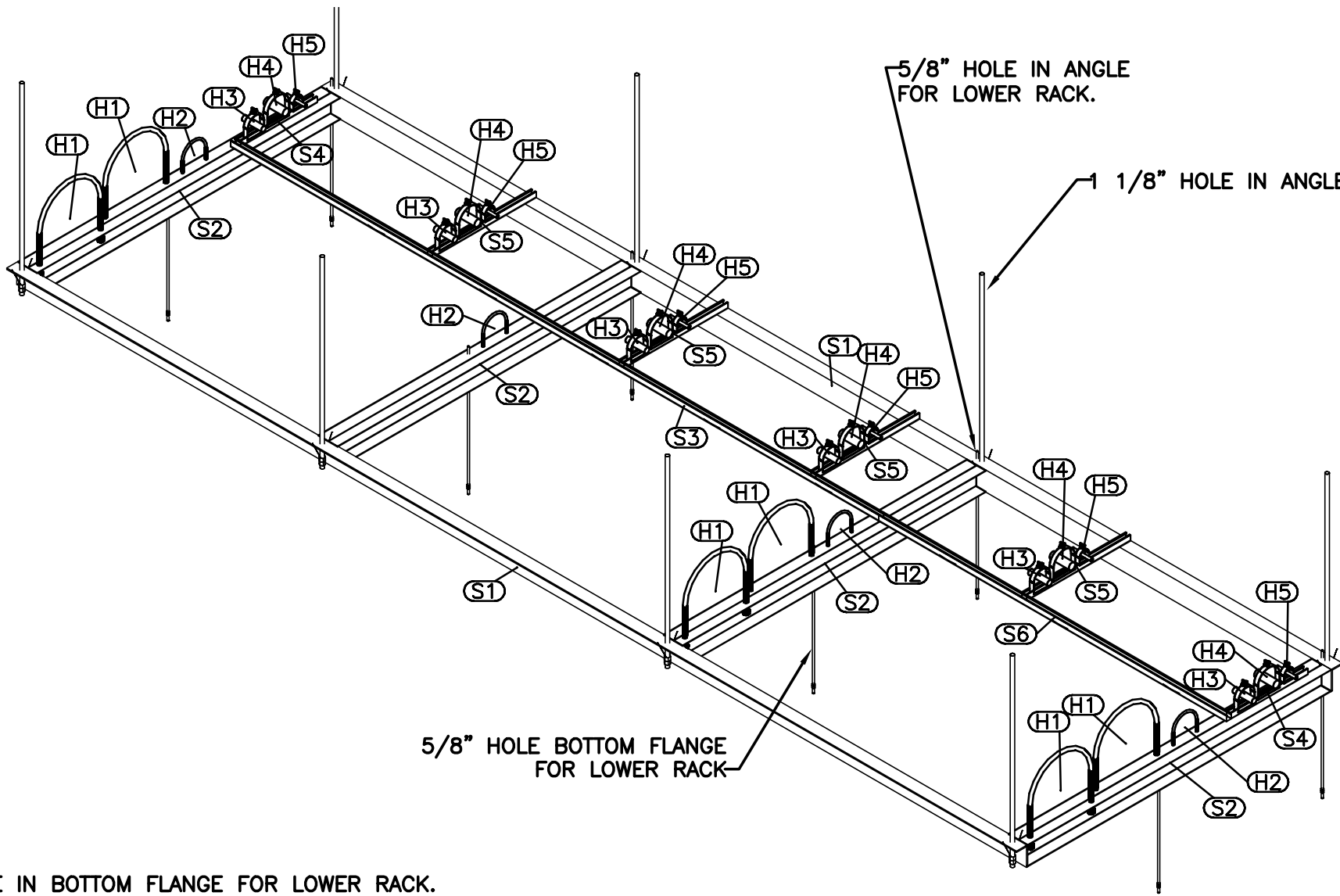
<input type="checkbox"/>	FLANGE WEIGHT/ORIENTATION	QA/QC ACCEPT				WUSM RESEARCH BUILDING			
<input type="checkbox"/>	FITTING ORIENTATION					NRB CUP			
<input type="checkbox"/>	BOLTS/CPLG'S/TH'D TIGHT					PIPE RACKS			
<input type="checkbox"/>	SPOOL IDENTIFICATION					SERVICE NAME			
		SPEC.	ASME	X-RAY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

DRN JMM	5/5/2021	CUP LEVEL 02							
CHK		1							
APP		1							
JOB NO.	210140	1							
REF.DWG.		1							
DRAWING NO./TRACKING NO.	210140-UPL2-2D	QTY.	1	SHT/NO	1 of 2	REV	0		



5/8"Ø HOLES FOR RACK UNDERNEATH IN
ANGLE AND ON UNDERSIDE OF BEAM.
(QTY 6 HOLES TOTAL.)

1 1/8"Ø HOLES FOR 1" ROD.



BOM-STEEL

Item No	Order	Description	Qty	Size	Steel L
H1	Fig137	Fig.137 U-Bolt (4)-Nut Black	6	18	
H2	Fig137	Fig.137 U-Bolt (4)-Nut Black	4	6	
H3-1	Pro-Shield CTS 1-1_2"	1-1/2" CAL-SIL Pipe Shield - CTS	6	1-1/2	
H3-2	B2018 ZN	B2000 ZN Sch 40 Pipe Clamp	6	4-1/2	
H4-1	Pro-Shield CTS 2"	2" CAL-SIL Pipe Shield - CTS	6	2	
H4-2	B2020 ZN	B2000 ZN Sch 40 Pipe Clamp	6	6	
H5-1	Pro-Shield CTS 1"	1" CAL-SIL Pipe Shield - CTS	6	3/4	
H5-2	B2014 ZN	B2000 ZN Sch 40 Pipe Clamp	6	2-1/2	
S1	L6x3-1/2x3/8	ASTM A36 CS Unequal Angle	2	L6x3-1/2x3/8	316"
S2	W6x15	ASTM A36 CS Wide Flange	4	W6x15	95"
S3	B22 GRN	1-5/8 GRN 12GA 2in Slotted Unistrut	1	1-5/8x1-5/8	202 3/4"
S4	B22 GRN	1-5/8 GRN 12GA 2in Slotted Unistrut	2	1-5/8x1-5/8	24"
S5	B22 GRN	1-5/8 GRN 12GA 2in Slotted Unistrut	4	1-5/8x1-5/8	32 1/2"
S6	B22 GRN	1-5/8 GRN 12GA 2in Slotted Unistrut	1	1-5/8x1-5/8	108 3/4"

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FLANGE WEIGHT/ORIENTATION FITTING ORIENTATION BOLTS/CPLG'S/TH'D TIGHT SPOOL IDENTIFICATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	QA/QC ACCEPT			
	SPEC. NA			
	REV 0			
WUSM RESEARCH BUILDING NRB CUP PIPE RACKS	DRN JMM	5/5/2021		
	CHK			
	APP			
	JOB NO. 210140			
REF.DWG. DRAWING NO./TRACKING NO. 210140-UPL2-2D	SERVICE NAME CUP LEVEL 02	QTY. 1	SHT/NO 2 of 2	REV 0
DESCRIPTION		DRN	CHK	APP



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DRN JMM		5/5/2021	WUSM RESEARCH BUILDING NRB CUP PIPE RACKS				QA/QC ACCEPT						<input type="checkbox"/> FLANGE WEIGHT/ORIENTATION											
CHK							<div></div>						SPEC.		ASME		X-RAY		HYDRO TEST		PWHT		COMMENTS	
APP													NA		NA		NA		NA		NA		MURPHY WPS#	
JOB NO.		210140																						
REF.DWG.			SERVICE NAME			CUP LEVEL 02																		
DRAWING NO./TRACKING NO.			QTY.		SHT/NO		REV																	
210140-UPL2-2D-01			1		1 of 1		0																	
									DESCRIPTION															
									REV		DATE						DRN		CHK		APP			

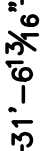


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REV	DATE	DESCRIPTION	DRN	CHK	APP
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0	1	1	20	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
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DRN JMM	5/5/2021	WUSM RESEARCH BUILDING NRB CUP PIPE RACKS		SERVICE NAME CUP LEVEL 02		QTY. 1		SHT/NO 1 of 1		REV 0	
CHK											
APP											
JOB NO.	210140										
REF.DWG.											
DRAWING NO./TRACKING NO. 210140-UPL2-2D-03											

QA/QC ACCEPT				FLANGE WEIGHT/ORIENTATION <input type="checkbox"/>			
				FITTING ORIENTATION <input type="checkbox"/>			
				BOLTS/CPLG'S/TH'D TIGHT <input type="checkbox"/>			
				SPOOL IDENTIFICATION <input type="checkbox"/>			

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



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REV	DATE	DESCRIPTION	DRN	CHK	APP
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0	1	1	40	27	23	10	24	10	13
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