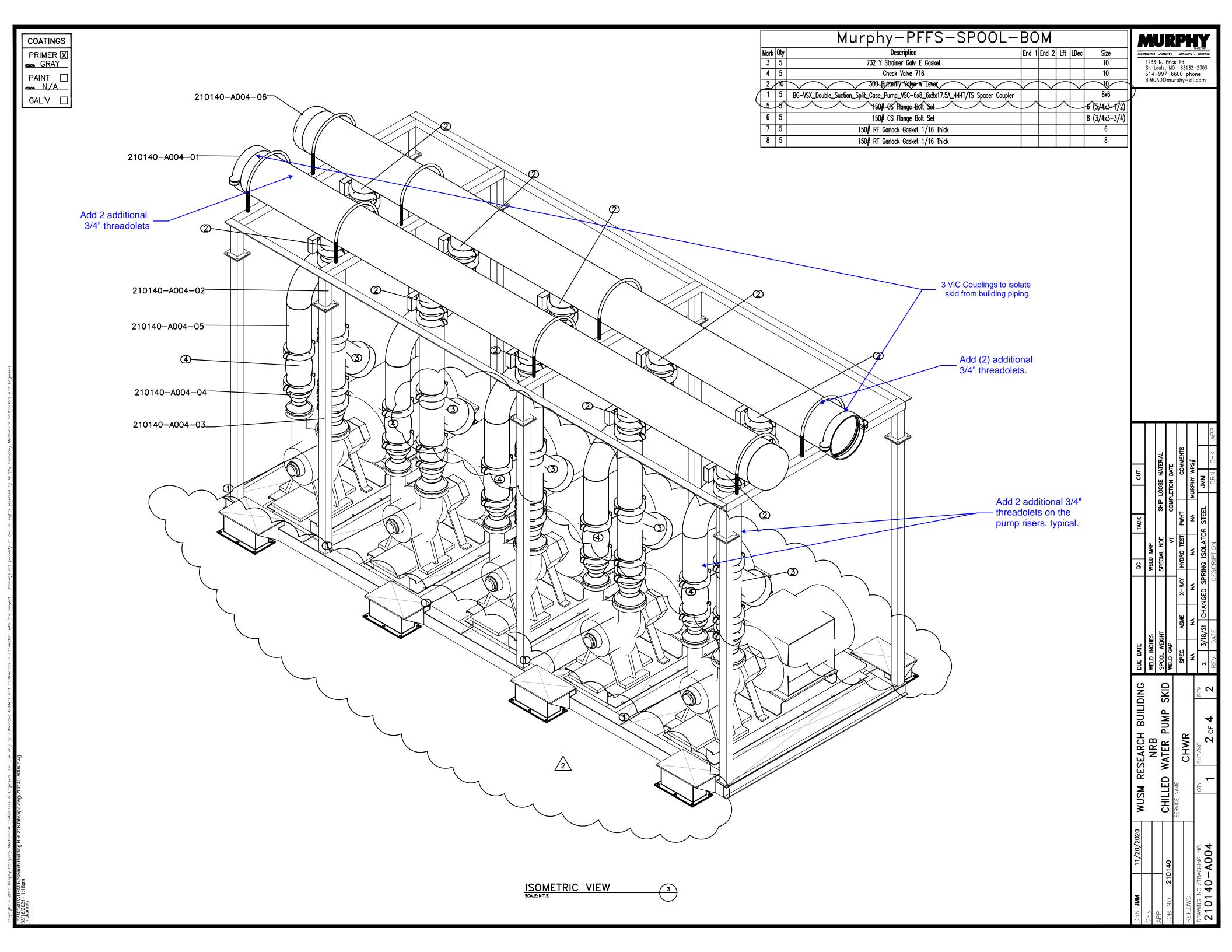
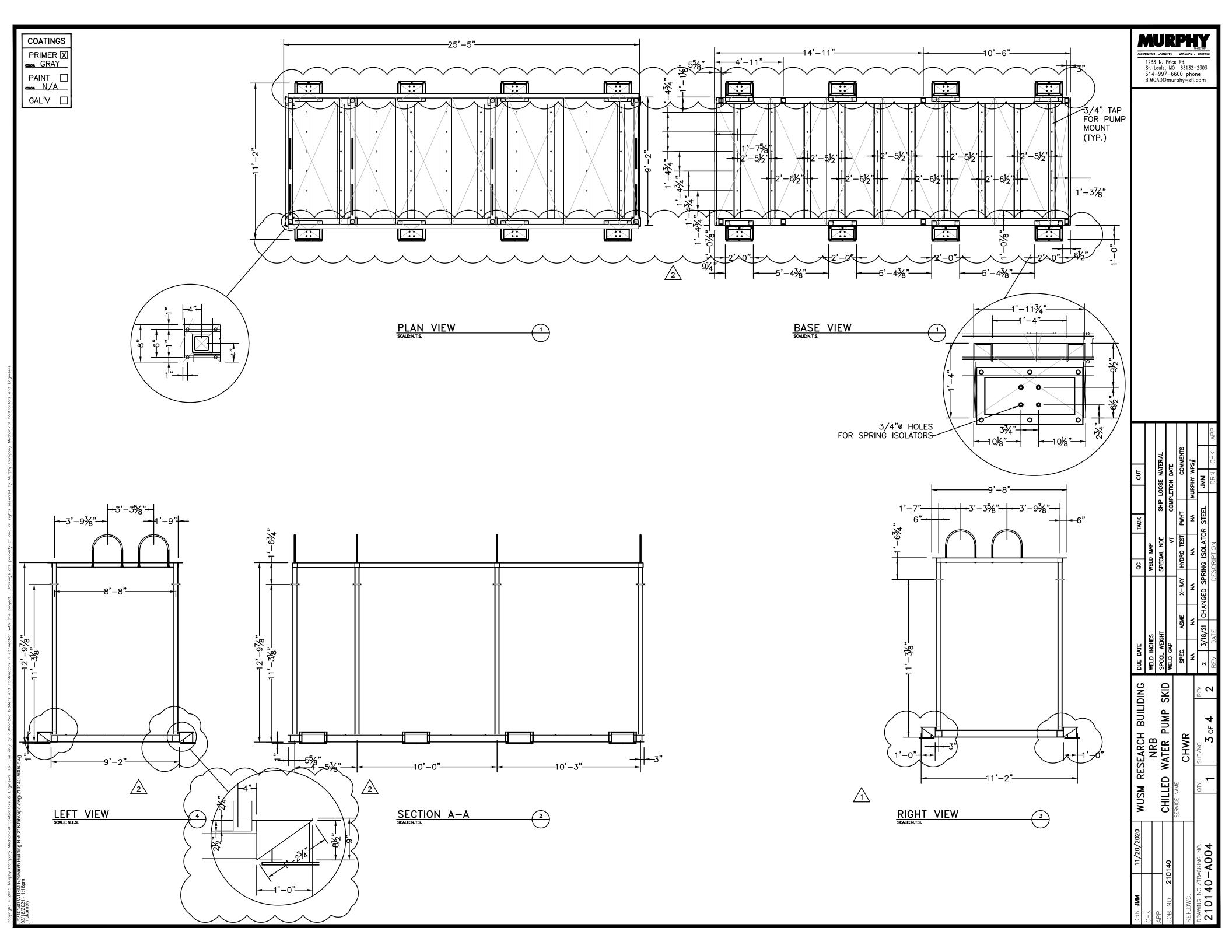
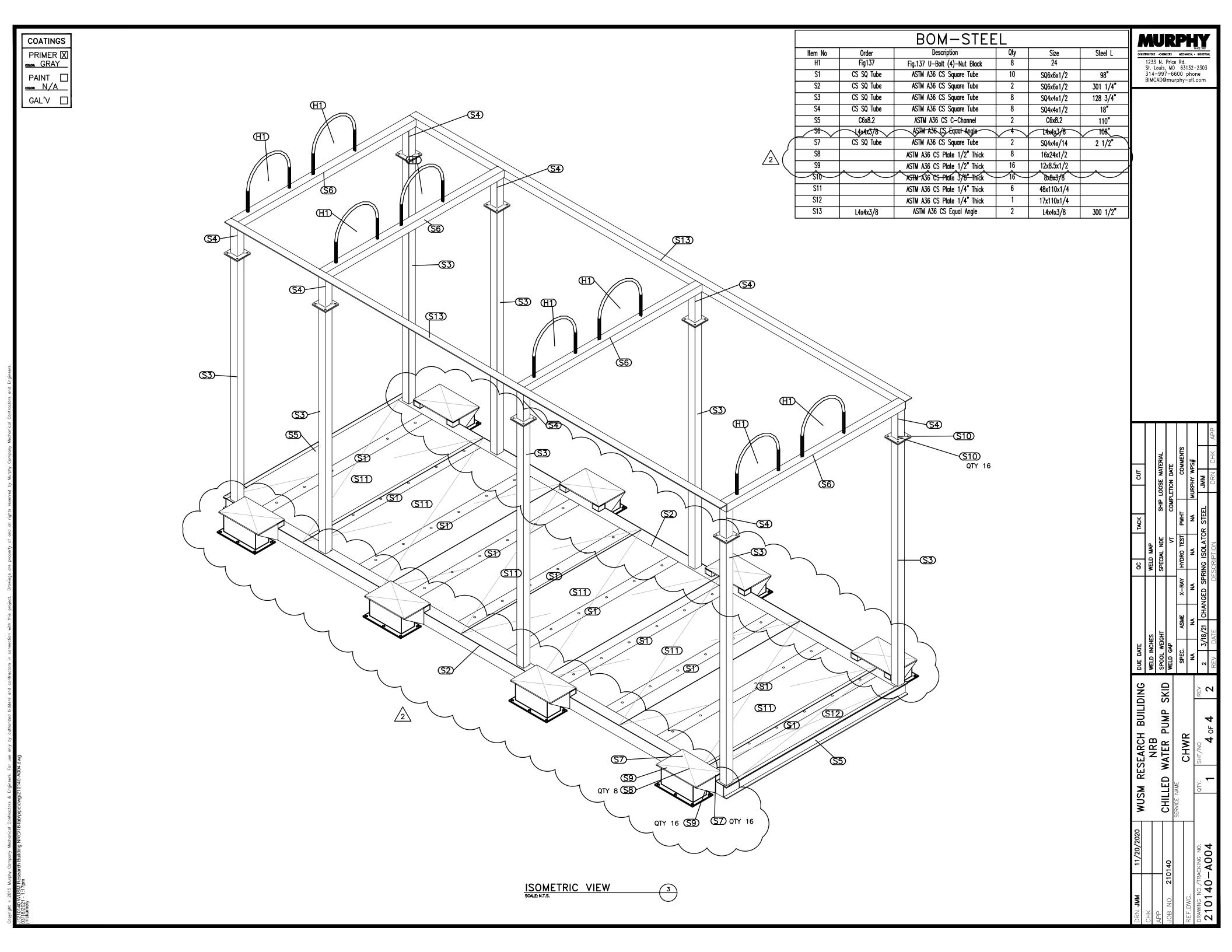


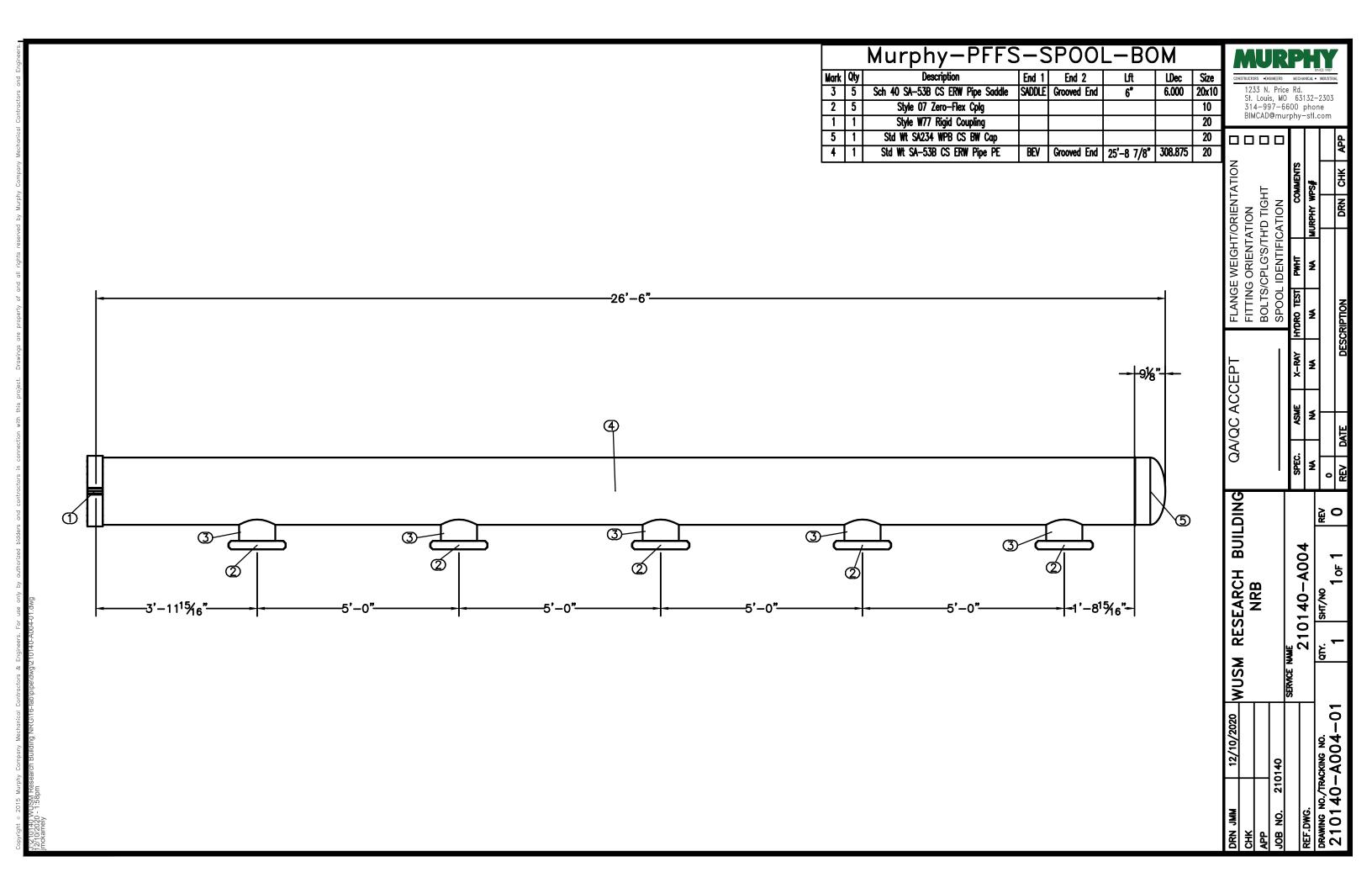
<b>MURPHY</b> SINCE 1907
STRUCTORS -ENGINEERS MECHANICAL - INDUSTRIAL
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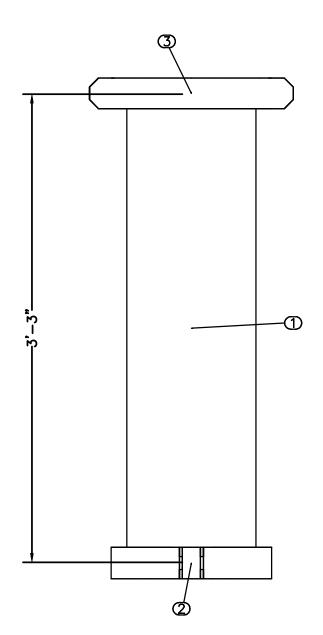
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	SERVICE INAME			SPEC.		ASME	X-RAY	X-RAY HYDRO TEST PWHT	THWH		§	COMMENTS		
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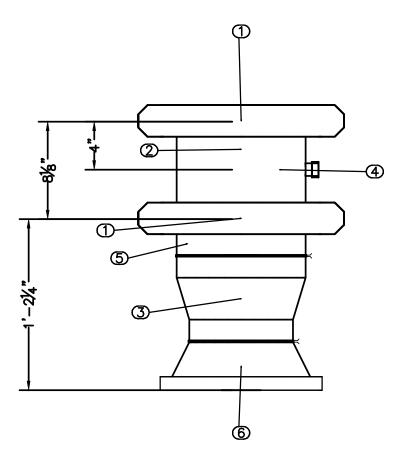
		Murphy-PFFS	S-SPC	)OL-I	301	M	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
3	5	Style 07 Zero-Flex Cplg					10
2	5	Style 77 PNT FS-Gskt Flex Cplg					10
1	5	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	Grooved End	3'-3"	39.022	10

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constructors engineers mechanical industrial 1233 N. Price Rd.

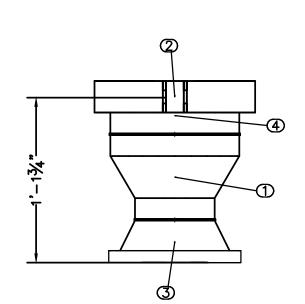
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t. Louis, MO	63132-2303
14-997-66	00 phone
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		אא					BOLTS/	'CPLG'S/T	BOLTS/CPLG'S/TH'D TIGHT		
40							SPOOL	SPOOL IDENTIFICATION	CATION		
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		Murphy-PFFS	-SP(	00L-	BO	М		
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size	
3	5	Std Wt SA234 WPB CS BW CONC RED					10x8	
6	5	150lb RF Sch 40 Bore SA105 CS WN Flg					8	
1	10	Style 77 PNT FS-Gskt Flex Cplg					10	
4	5	3000# FS Thread-0-Let			1 1/16"	1.063	3/4x10	E
2	5	Sch 40 SA-53B CS ERW Pipe PE	Grooved End	Grooved End	8"	8.000	10	
5	5	Sch 40 SA-53B CS ERW Pipe PE	BEV	Grooved End	3"	3.000	10	

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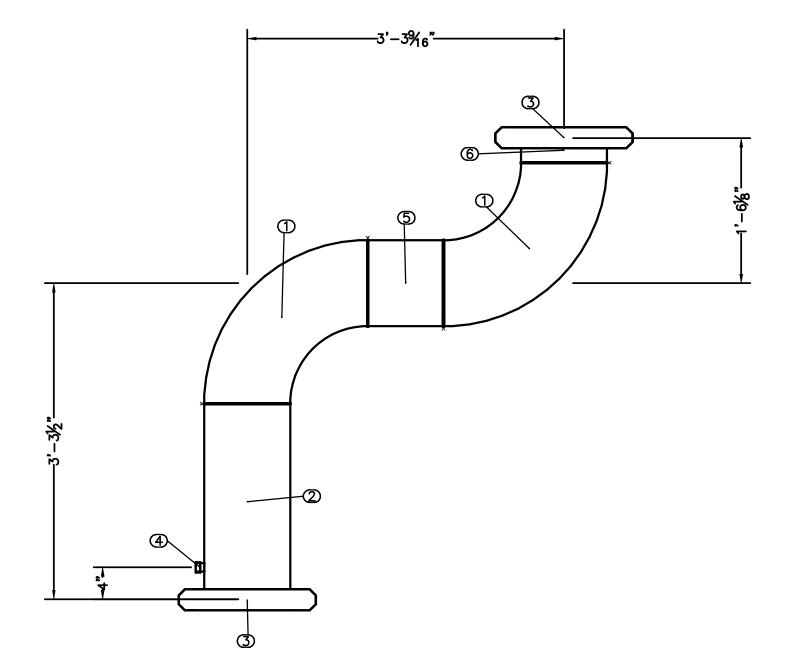


		Murphy-PFFS-S	PO	OL-B	Ol	M	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
1	5	Std Wt SA234 WPB CS BW CONC RED					10x6
3	5	150lb RF Sch 40 Bore SA105 CS WN Flg					6
2	5	Style 77 PNT FS-Gskt Flex Cplg					10
4	5	Sch 40 SA-53B CS ERW Pipe PE	BEV	Grooved End	3*	3.000	10

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		מצע				BOLTS/	BOLTS/CPLG'S/TH'D TIGHT	'D TIGHT		ICAD
			1			SPOOL	SPOOL IDENTIFICATION	ATION		
SERMCE NAME	NAME		SPEC.		ASME   X-RAY  HYDRO TEST  PWHT	HYDRO TEST	PWHT	COMMENTS	ړ	· ′
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		Murphy-PFFS-	-SI	POOL	-BC	M	
Mark	Qty	Description	End 1	End 2	Lft	LDec	Size
3	10	Style 77 PNT FS-Gskt Flex Cplg					10
1	10	Std Wt SA234 WPB CS BW LR 90 Deg EII					10
4	5	3000# FS Thread-0-Let			1 1/16"	1.063	3/4x10
5	5	Sch 40 SA-53B CS ERW Pipe PE	BEV	BEV	9 5/16"	9.341	10
2	5	Sch 40 SA-53B CS ERW Pipe PE	BEV	Grooved End	2'-0 3/8"	24.397	10
6	5	Sch 40 SA-53B CS ERW Pipe PE	BEV	Grooved End	3*	3.000	10

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FLANGE WEIGHT/ORIENTATION
FITTING ORIENTATION
BOLTS/CPLG'S/TH'D TIGHT
SPOOL IDENTIFICATION

QA/QC ACCEPT

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