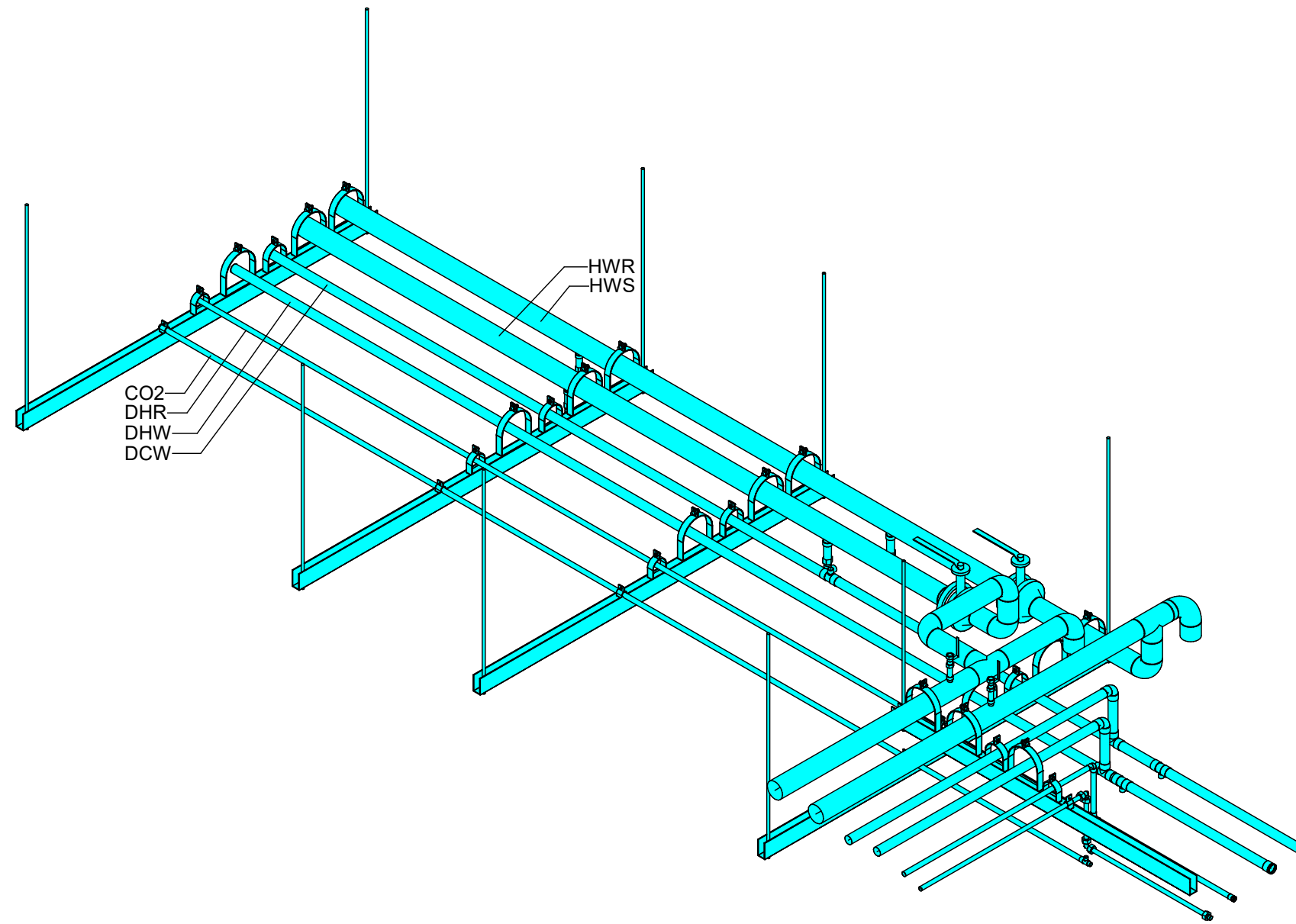
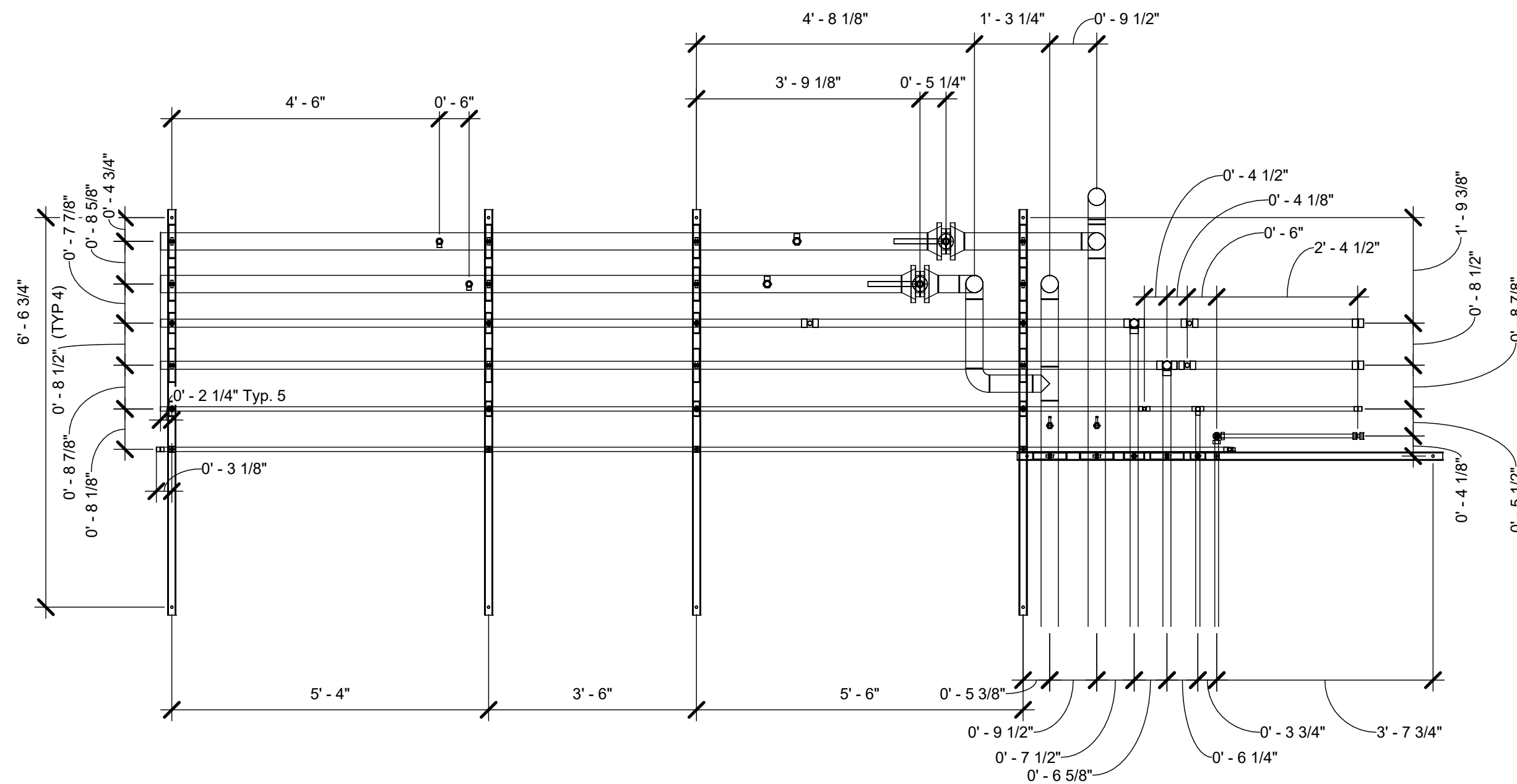


BIM 360://WUSM NRB/WUSM_RB_SPOOLING MASTER.rvt
7/9/2021 9:43:23 AM



2 AS-L00-008 - ISOMETRIC
AS-L00-008 SCALE:



1 **AS-L00-008**
AS-L00-008 SCALE: 1/2" = 1'-0"

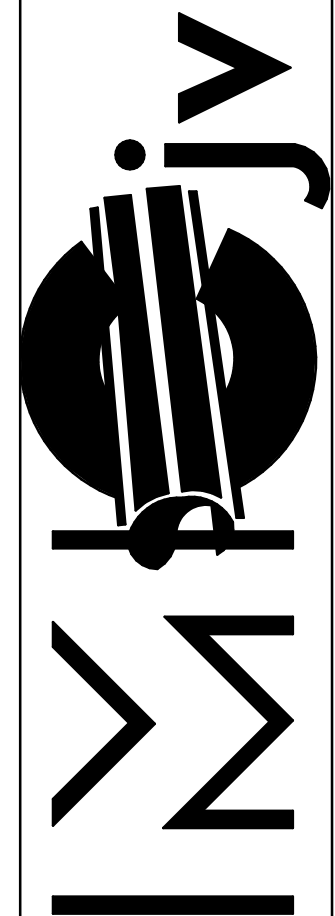
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB

TICKET: AS-L00-008

Drawn By: Author

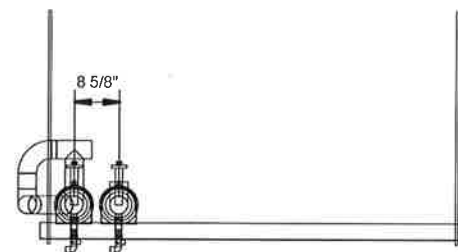
DATE: 03/11/21	DATE REQ:
----------------	-----------



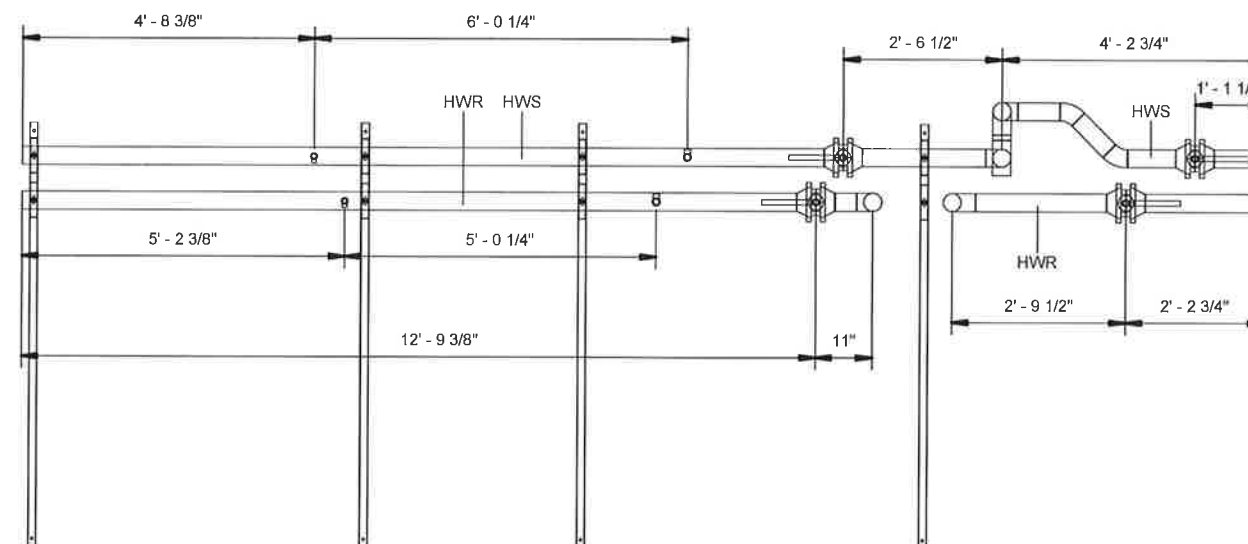
1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone



Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-9 11/16"			
2	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-9 1/8"			
3	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-8 1/2"			
4	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-8"			
5	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-4 1/8"			
6	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-4"			
7	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	2'-1 1/8"			
8	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	1'-11 9/16"			
9	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	1'-10 15/16"			
10	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-2 7/8"			
11	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	12'-10 15/16"			
12	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	12'-5 11/16"			
13	2	1"	Cerro Type K Hard Copper Pipe	0'-1 5/16"			
14	2	3/4"	Cerro Type K Hard Copper Pipe	0'-1 1/16"			
15	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	7/8"			
16	1	3"	Weldbend Std Wt SA234 WPB CS BW TEE				
17	3	3"	Weldbend Std Wt SA234 WPB CS BW SR 90 Deg Ell				
18	2	3"	Weldbend Std Wt SA234 WPB CS BW LR 90 Deg Ell				
19	2	3"	Weldbend Std Wt SA234 WPB CS BW 45 Deg Ell				
20	8	3"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg				
21	2	3/4"	Victaulic No.647 TT Dielectric Transition Fitting				
22	2	1"	Victaulic No.647 TT Dielectric Transition Fitting				
23	2	3/4"	Nibco Wrot 607 90 Deg Ell CxC				
24	2	1"	Nibco Wrot 607 90 Deg Ell CxC				
25	2	3/4"	Nibco Wrot 603 Adapter CxF				
26	2	1"	Nibco Wrot 603 Adapter CxF				
27	4	3"	Nibco N200235 Butterfly Valve				
28	8	3"	Generic 150lb CS Flange Cap Screw Set				
29	2	3"x3/4"	Anvil 3000# FS Thread-O-Let				
30	2	3"x1"	Anvil 3000# FS Thread-O-Let				
31	8	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
32	4	76 3/4"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		6" - 10"	3" - 8"	3" - 9"



3 LEFT ELEVATION
SCALE: 1/2" = 1'-0"



2 **TOP VIEW**
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

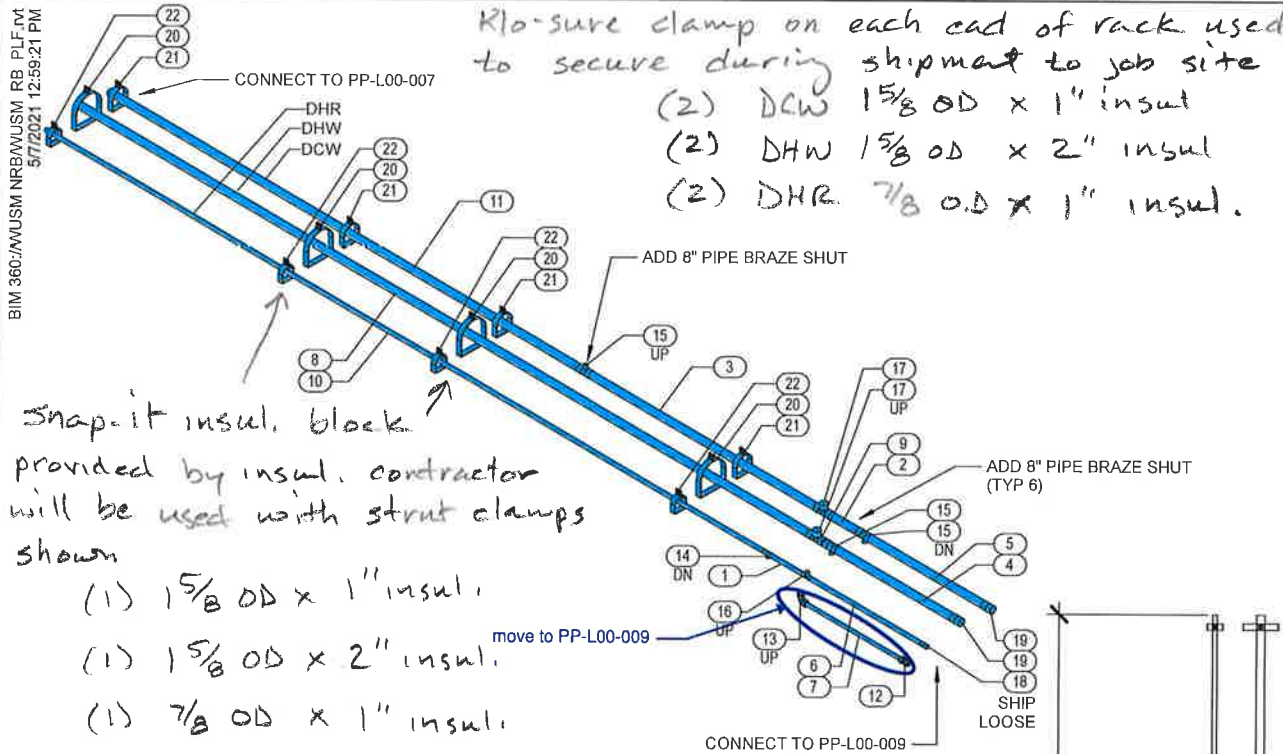
JOB: WASH U NRB

TICKET: HP-L00-008

Drawn By: Author
DATE: 04/26/21

1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://VUSM NRB/WUSM RB PLF.M
5/7/2021 12:59:21 PM

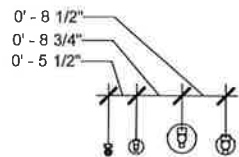


1 ISOMETRIC

SCALE:

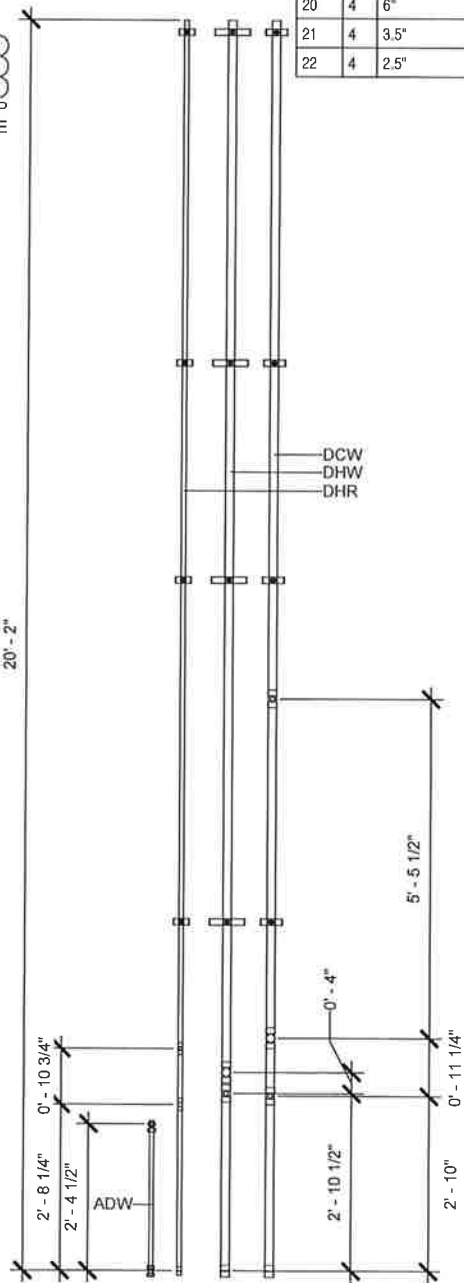
2 FRONT ELEVATION

SCALE: 1/2" = 1'-0"



3 TOP VIEW

SCALE: 1/2" = 1'-0"



Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Cerro Type L Hard Copper Pipe	0'-10"			
2	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-9 11/16"			
3	1	1 1/2"	Cerro Type L Hard Copper Pipe	5'-4"			
4	1	1 1/2"	Cerro Type L Hard Copper Pipe	2'-9 7/8"			
5	1	1 1/2"	Cerro Type L Hard Copper Pipe	2'-9 3/8"			
6	1	3/4"	Cerro Type L Hard Copper Pipe	2'-7 7/8"			
7	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	2'-3 7/8"			
8	1	1 1/2"	Cerro Type L Hard Copper Pipe	16'-10 3/8"			
9	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-2 9/16"			
10	1	3/4"	Cerro Type L Hard Copper Pipe	16'-6 7/16"			
11	1	1 1/2"	Cerro Type L Hard Copper Pipe	10'-10 5/8"			
12	1	3/4"	Swagelok SS316 Compression Union Coupling				
13	1	3/4"	Swagelok SS316 Compression Union 90 Elbow				
14	1	3/4"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee				
15	3	1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
16	1	3/4"	Nibco Wrot 611 CxCxC Tee				
17	2	1 1/2"	Nibco Wrot 611 CxCxC Tee				
18	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
19	2	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
20	4	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
21	4	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
22	4	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				

JOB: WASH U NRB

TICKET: PP-L00-008

Drawn By: Author

DATE: 04/01/21

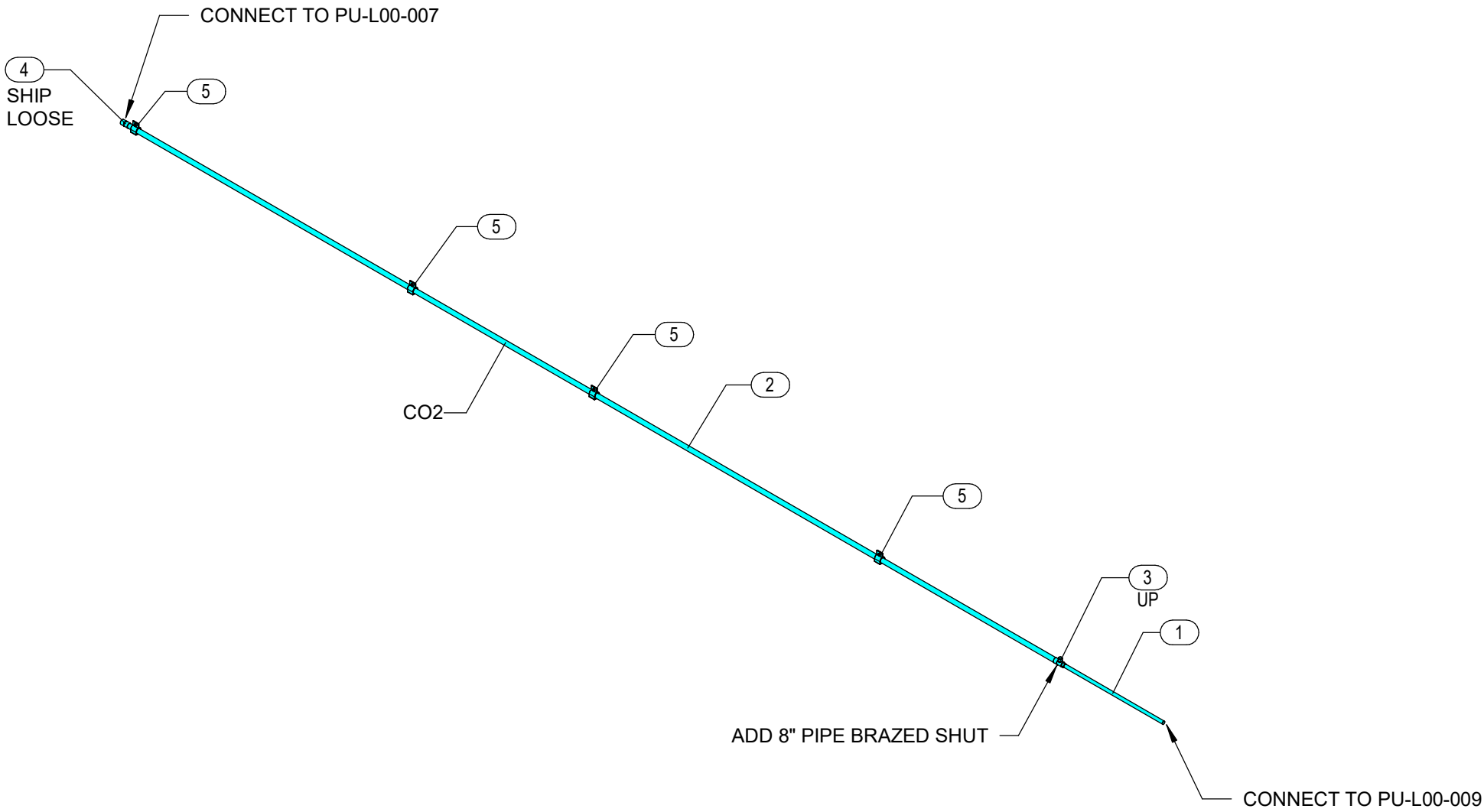
DATE REC:



1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone

BIM 360://WUSM NRBWUSM_RB_PUF.rvt
5/7/2021 10:30:12 AM

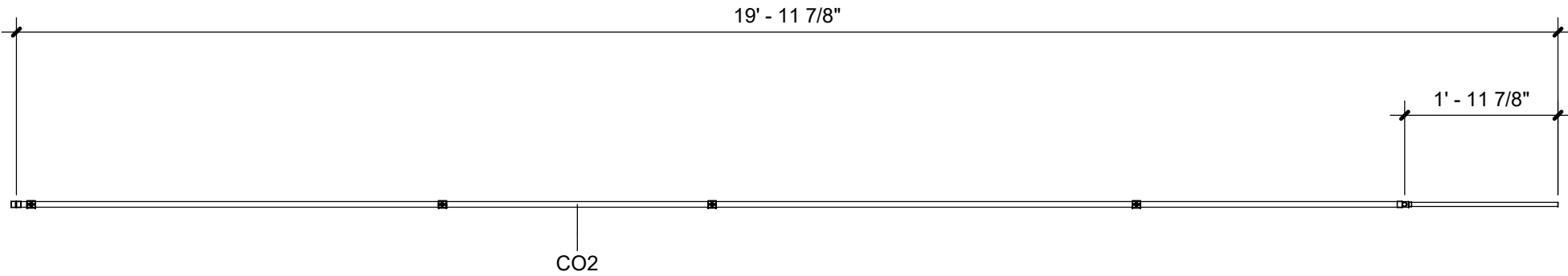
Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	1/2"	Cerro Type L Hard Copper - CFOS	1'-11 1/4"			
2	1	3/4"	Cerro Type L Hard Copper - CFOS	17'-11 5/8"			
3	1	3/4"x1/2"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee				
4	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop				
5	4	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				



1

ISOMETRIC

SCALE:



2

TOP VIEW

SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

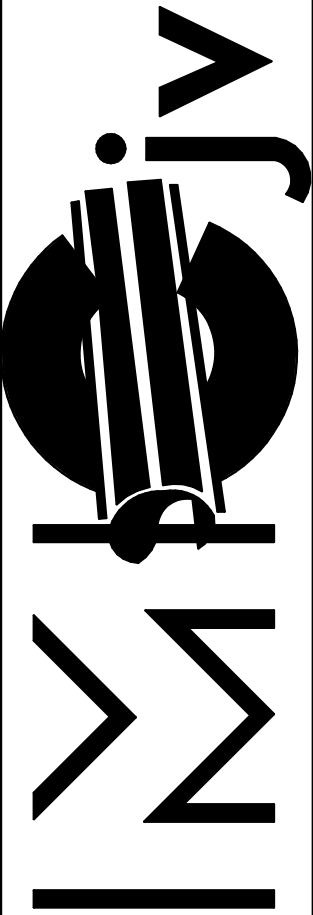
JOB: WASH U NRB

TICKET: PU-L00-008

Drawn By: Author

DATE: 05/04/21

DATE REQ:



1233 N. Price Rd.
St. Louis, Mo 63132-2303
314-997-6600 phone