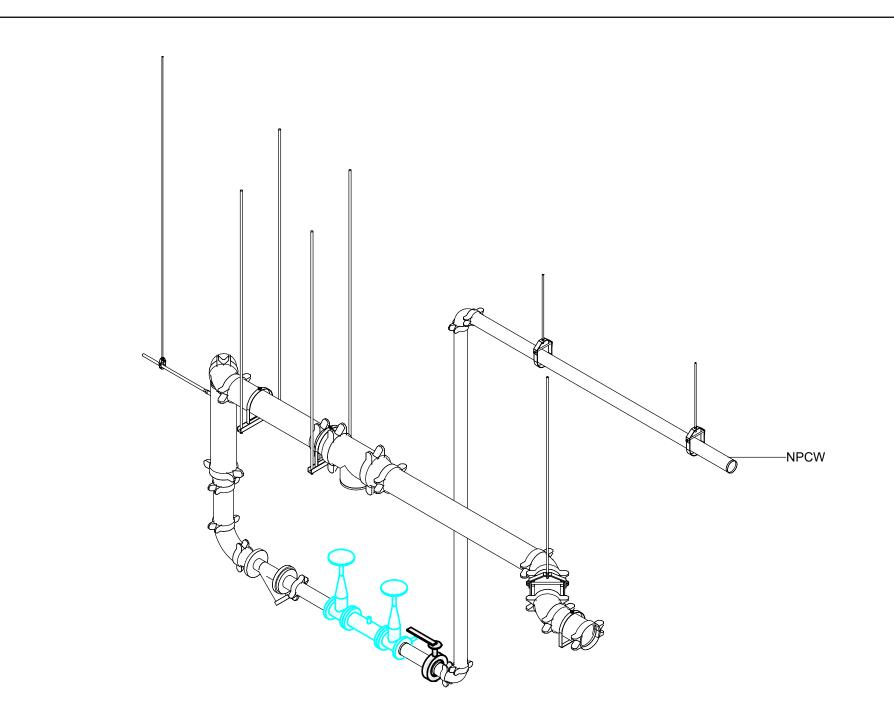
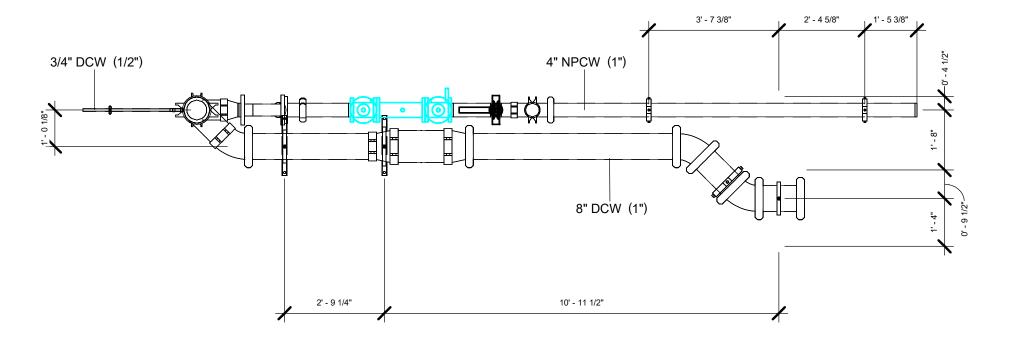
MANIFOLDED/SEALED/WRAP



DATE:

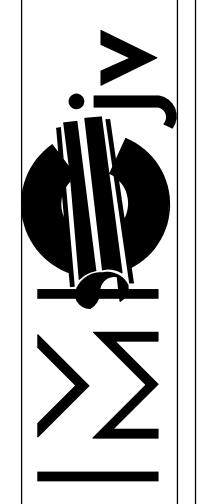
2 AS-L01-043 AS-L01-043SCALE:



AS-L01-043 AS-L01-043SCALE: 3/8" = 1'-0"

A1	А3	B1	В3
A2	A4	B2	B4

BIM 360://WUSM NRB/WUSM\_RB\_SPOOLING MASTER.rvt 9/17/2021 8:37:22 AM



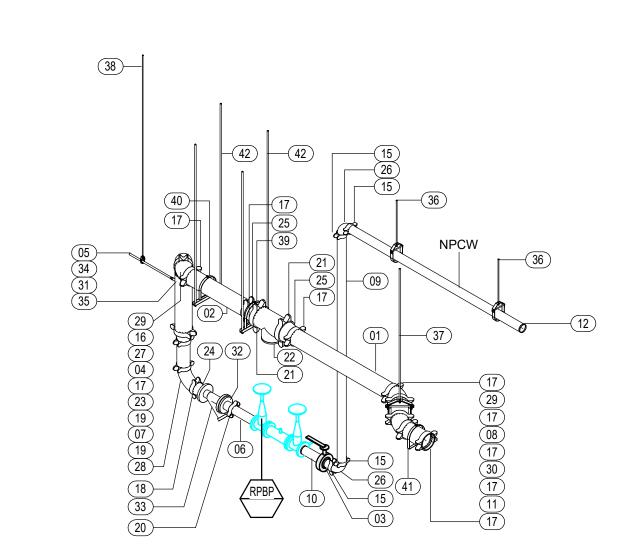
JOB: WASH U NRB

тіскет: AS-L01-043

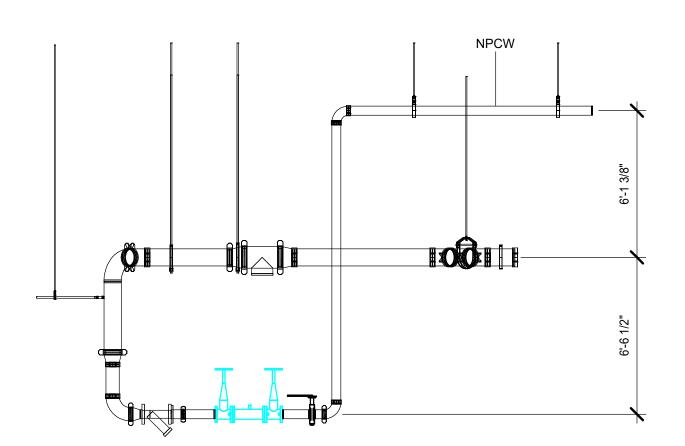
1233 N. Price Rd. St. Louis, Mo 63132-2303 314-997-6600 phone BIM 360://WUSM NRB/WUSM RB PLF.rvt 9/17/2021 8:36:52 AM

PP-L01-043

DATE:



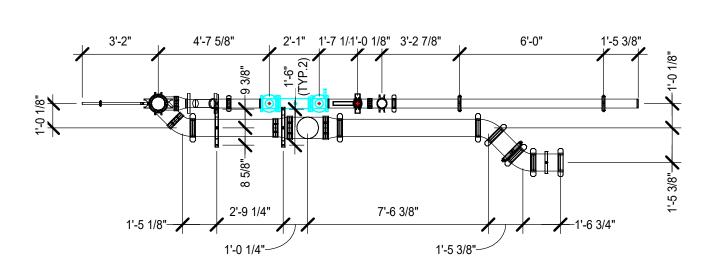
**ISOMETRIC** 1



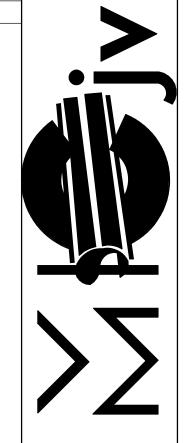
**FRONT ELEVATION** 

A1	A3	B1	В3
A2	A4	B2	B4

1	Mark	Qty	Size	Description	Length	Strut Width	Rod 1	Rod 2	Insulation	
1	01	1	8"	Brismet Sch 10S A312 EFW 304 PIPE	5'-8 7/8"				1"	
A	02	1	8"	Brismet Sch 10S A312 EFW 304 PIPE	3'-5 1/16"				1"	
DS	03	1	4"	Brismet Sch 10S A312 EFW 304 PIPE DWV	0'-4 13/16"				1"	
06	04	1	8"	Brismet Sch 10S A312 EFW 304 PIPE	2'-11 3/8"				1"	
07	05	1	3/4"	Cerro Type L Hard Copper Pipe	2'-5 13/16"				1/2"	
Dec   1	06	1	4"	Brismet Sch 10S A312 EFW 304 PIPE	1'-3 13/16"				1"	
1	07	1	6"	Brismet Sch 10S A312 EFW 304 PIPE	1'-3 5/8"				1"	
10	08	1	8"	Brismet Sch 10S A312 EFW 304 PIPE	1'-2 1/16"				1"	
11	09	1	4"	Brismet Sch 10S A312 EFW 304 PIPE DWV	11'-7 9/16"				1"	
13	10	1	4"	Brismet Sch 10S A312 EFW 304 PIPE	1'-1 11/16"				1"	
13	11	1	8"	Brismet Sch 10S A312 EFW 304 PIPE	1'-1 1/2"				1"	<b>ZB</b>
14	12	1	4"	Brismet Sch 10S A312 EFW 304 PIPE DWV	10'-2 1/16"				1"	Ż
17   9   8"   Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl	13	1	6"	Butterfly Valve - 2-12 Inch					0"	
17   9   8"   Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl	14	1	4"	A-RPBP - 2.5-10 Inch					0"	SH
17   9   8"   Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl	15	4	4"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl DWV					1"	AS
18	16	1	8"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl						>
19   2   6"   Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl   1"   1"   1"   1"   1"   1"   1"   1	17	9	8"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl					1"	.i.
20	18	1	6"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl						9
21   2   10"   Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl   1"   1"   10"   Victaulic Sch 10S 316L A-403 GRV Tee No 420-SS   1"   1"   1"   1"   1"   1"   1"	19	2	6"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl					1"	
22	20	1	4"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl					1"	
23	21	2	10"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl					1"	
1 6"x4"   Victaulic Sch 10S 316L A-403 GRV Conc Red No 450-SS   1"   1"   1"   1"   1"   1"   1"	22	1	10"	Victaulic Sch 10S 316L A-403 GRV Tee No 420-SS					1"	
25	23	1	8"x6"	Victaulic Sch 10S 316L A-403 GRV Conc Red No 450-SS						
26   2   4"   Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS DWV     27   1   8"   Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS     28   1   6"   Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS     29   2   8"   Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS     30   1   8"   Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS     31   1   3/4"   Victaulic No.647 TT Dielectric Transition Fitting   1/2"     32   1   4"   Victaulic No.647 RF 304L Sch10 Flange Adapter Nipple   1"     33   1   4"   Victaulic No.647 RF 304L Sch10 Flange Adapter Nipple   1"     34   1   3/4"   Nibcow Flanged Y-Strainer   1/2"     34   1   3/4"   Nibco Wrot 603 Adapter CxF   1/2"     35   1   3"x3/4"   Merit Brass 3000# 316L SS Thread-O-Let   0"   2"-2 3/4"   0"     36   2   6"   B-Line B3100 Clevis Hanger - HDG   0"   6"-8 3/8"   0"     37   1   10"   B-Line B3100 Clev	24	1	6"x4"	Victaulic Sch 10S 316L A-403 GRV Conc Red No 450-SS						
27   1   8"   Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS     28   1   6"   Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS     29   2   8"   Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS     30   1   8"   Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS     31   1   3/4"   Victaulic No.647 TT Dielectric Transition Fitting   1/2"     32   1   4"   Victaulic No.445R RF 304L Sch10 Flange Adapter Nipple   1"     33   1   4"   Sureflow Flanged Y-Strainer   1"     34   1   3/4"   Nibco Wrot 603 Adapter CxF   1/2"     35   1   8"x3/4"   Merit Brass 3000# 316L SS Thread-O-Let   1/2"     36   2   6"   B-Line B3100 Clevis Hanger - HDG   0"   2'-2 3/4"   0"     37   1   10"   B-Line B3100 Clevis Hanger - HDG   0"   10'-3 1/4"   0"     38   1   11/2"   B-Line B2000 ZN Sch 40 Pipe Clamp DWV   0"   10'-3 1/4"   0"     40   1   10"<	25	2	10"x8"	Victaulic Sch 10S 316L A-403 GRV Conc Red No 450-SS					1"	
28   1   6"   Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS      29   2   8"   Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS      30   1   8"   Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS      31   1   3/4"   Victaulic No.647 TT Dielectric Transition Fitting      32   1   4"   Victaulic No 445R RF 304L Sch10 Flange Adapter Nipple      33   1   4"   Sureflow Flanged Y-Strainer      34   1   3/4"   Nibco Wrot 603 Adapter CxF      35   1   8"x3/4"   Merit Brass 3000# 316L SS Thread-O-Let      36   2   6"   B-Line B3100 Clevis Hanger - HDG   0"   2'-2'3/4"   0"     37   1   10"   B-Line B3100 Clevis Hanger - HDG   0"   6'-8'3/8"   0"     38   1   11/2"   B-Line B2000 ZN Sch 40 Pipe Clamp DWV       40   1   10"   B-Line B2000 ZN Sch 40 Pipe Clamp DWV	26	2	4"	Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS DWV						
29	27	1	8"	Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS						
30	28	1	6"	Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS						
31   1   3/4"   Victaulic No.647 TT Dielectric Transition Fitting   1/2"   32   1   4"   Victaulic No.445R RF 304L Sch10 Flange Adapter Nipple   1"   33   1   4"   Sureflow Flanged Y-Strainer     1/2"   34   1   3/4"   Nibco Wrot 603 Adapter CxF   1/2"   35   1   8"x3/4"   Merit Brass 3000# 316L SS Thread-O-Let   1/2"   36   2   6"   B-Line B3100 Clevis Hanger - HDG   0"   2'-2 3/4"   0"   37   1   10"   B-Line B3100 Clevis Hanger - HDG   0"   6'-8 3/8"   0"   38   1   11/2"   B-Line B3100 Clevis Hanger - HDG   0"   10'-3 1/4"   0"   39   1   12"   B-Line B2000 ZN Sch 40 Pipe Clamp DWV   10"   B-Line B2000 ZN Sch 40 Pipe Clamp DWV   40   1   10"   B-Line B2000 ZN Sch 40 Pipe Clamp DWV   41   1   10"   B-Line B2000 ZN Sch 40 Pipe Clamp	29	2	8"	Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS						
32 1 4" Victaulic No 445R RF 304L Sch10 Flange Adapter Nipple 1"   33 1 4" Sureflow Flanged Y-Strainer 1/2"   34 1 3/4" Nibco Wrot 603 Adapter CxF 1/2"   35 1 8"x3/4" Merit Brass 3000# 316L SS Thread-O-Let 1/2"   36 2 6" B-Line B3100 Clevis Hanger - HDG 0" 2'-2 3/4" 0"   37 1 10" B-Line B3100 Clevis Hanger - HDG 0" 6'-8 3/8" 0"   38 1 1 1/2" B-Line B3100 Clevis Hanger - HDG 0" 10'-3 1/4" 0"   39 1 12" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" 10'-3 1/4" 0"   40 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" 0" 0"   41 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp 0" 0" 0" 0"	30	1	8"	Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS					1"	
33	31	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting					1/2"	
34 1 3/4" Nibco Wrot 603 Adapter CxF 1/2"   35 1 8"x3/4" Merit Brass 3000# 316L SS Thread-O-Let 1/2"   36 2 6" B-Line B3100 Clevis Hanger - HDG 0" 2'-2 3/4" 0"   37 1 10" B-Line B3100 Clevis Hanger - HDG 0" 6'-8 3/8" 0"   38 1 1 1/2" B-Line B3100 Clevis Hanger - HDG 0" 10'-3 1/4" 0"   39 1 12" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" 10'-3 1/4" 0"   40 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp 0" 0" 0" 0"   41 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp 0" 0" 0" 0" 0"	32	1	4"	Victaulic No 445R RF 304L Sch10 Flange Adapter Nipple					1"	
35 1 8"x3/4" Merit Brass 3000# 316L SS Thread-O-Let 1/2"   36 2 6" B-Line B3100 Clevis Hanger - HDG 0" 2`-2 3/4" 0"   37 1 10" B-Line B3100 Clevis Hanger - HDG 0" 6`-8 3/8" 0"   38 1 1 1/2" B-Line B3100 Clevis Hanger - HDG 0" 10`-3 1/4" 0"   39 1 12" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" 0" 0"   40 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" 0" 0"   41 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp 0" 0" 0"	33	1	4"	Sureflow Flanged Y-Strainer						
36 2 6" B-Line B3100 Clevis Hanger - HDG 0" 2'-2 3/4" 0"   37 1 10" B-Line B3100 Clevis Hanger - HDG 0" 6'-8 3/8" 0"   38 1 1 1/2" B-Line B3100 Clevis Hanger - HDG 0" 10'-3 1/4" 0"   39 1 12" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" 0"   40 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp 0" 0"   41 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp 0" 0"	34	1	3/4"	Nibco Wrot 603 Adapter CxF					1/2"	
37	35	1	8"x3/4"	Merit Brass 3000# 316L SS Thread-O-Let					1/2"	
38 1 1 1/2" B-Line B3100 Clevis Hanger - HDG 0" 10`-3 1/4" 0"   39 1 12" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" 0" 10`-3 1/4" 0"   40 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp DWV 0" </td <td>36</td> <td>2</td> <td>6"</td> <td>B-Line B3100 Clevis Hanger - HDG</td> <td></td> <td>0"</td> <td>2`-2 3/4"</td> <td>0"</td> <td></td> <td></td>	36	2	6"	B-Line B3100 Clevis Hanger - HDG		0"	2`-2 3/4"	0"		
39	37	1	10"	B-Line B3100 Clevis Hanger - HDG		0"	6`-8 3/8"	0"		
40	38	1	1 1/2"	B-Line B3100 Clevis Hanger - HDG		0"	10`-3 1/4"	0"		
41 1 10" B-Line B2000 ZN Sch 40 Pipe Clamp	39	1	12"	B-Line B2000 ZN Sch 40 Pipe Clamp DWV						
	40	1	10"	B-Line B2000 ZN Sch 40 Pipe Clamp DWV						
42 2 16" B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut 1`-8" 9`-7" 8`-3"	41	1	10"	B-Line B2000 ZN Sch 40 Pipe Clamp						
	42	2	16"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut		1`-8"	9`-7"	8`-3"		



**TOP VIEW**SCALE: 1/4" = 1'-0"



тіскет: PP-L01-043

Drawn By: Author DATE: 09/03/21

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