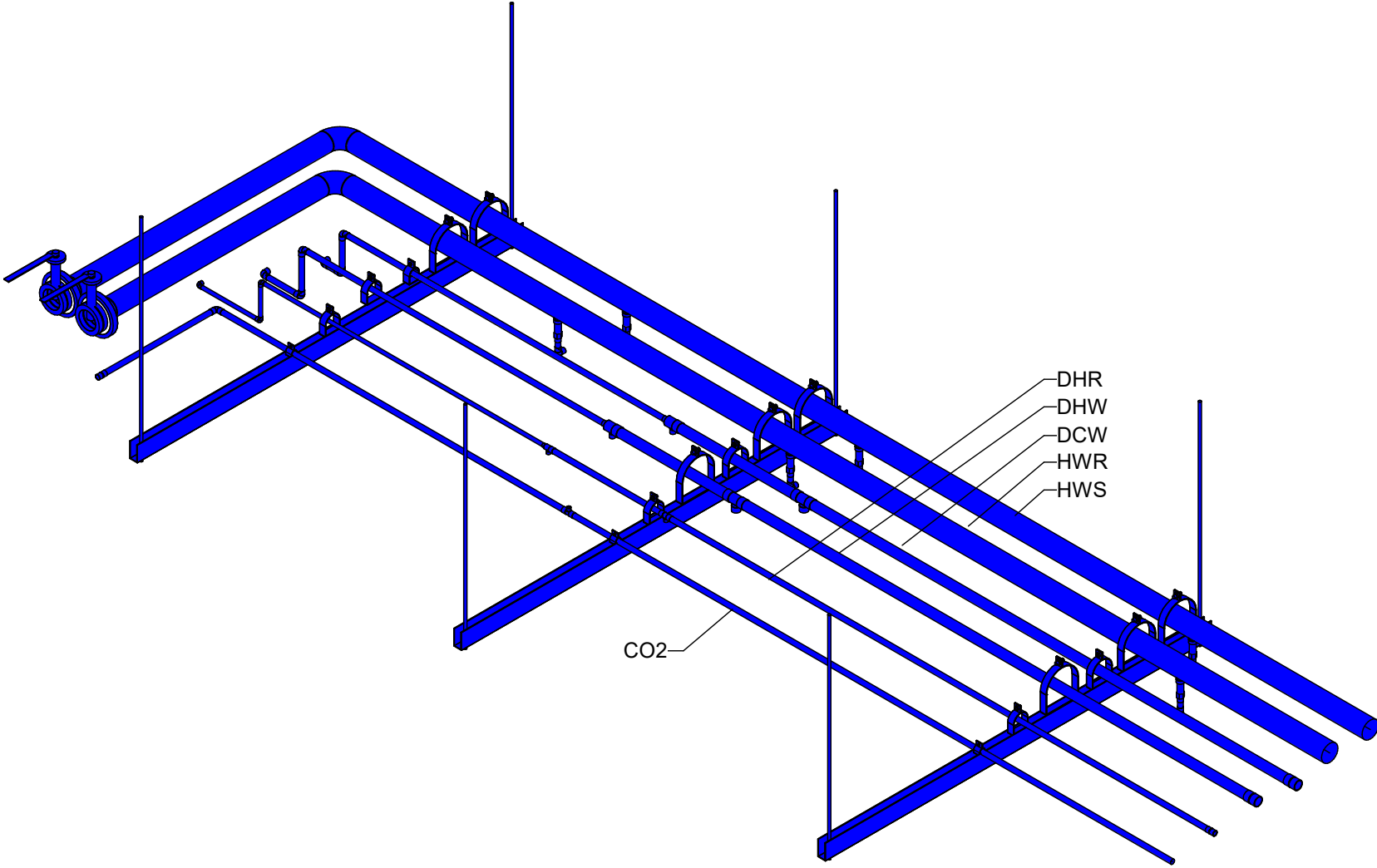
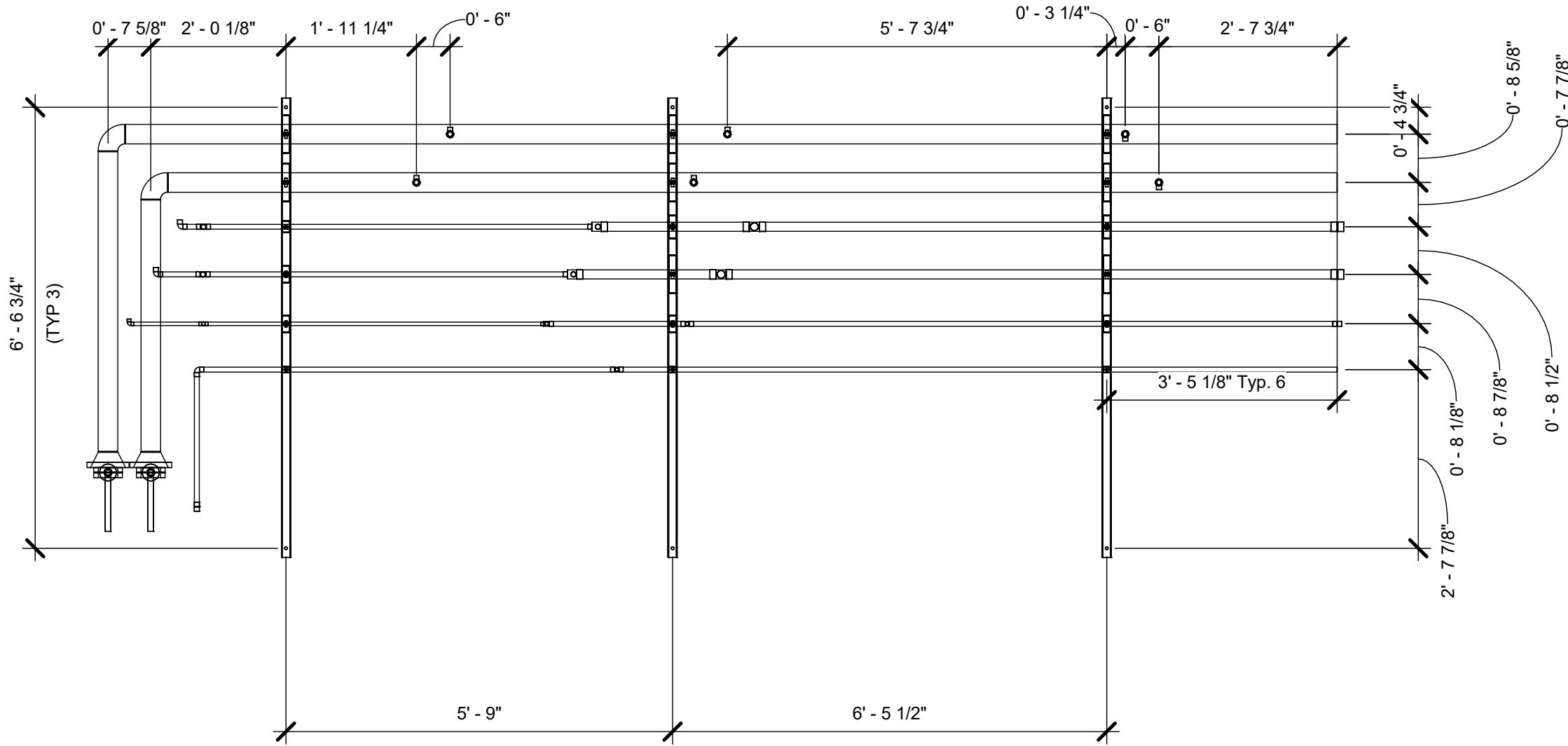


BIM 360//WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
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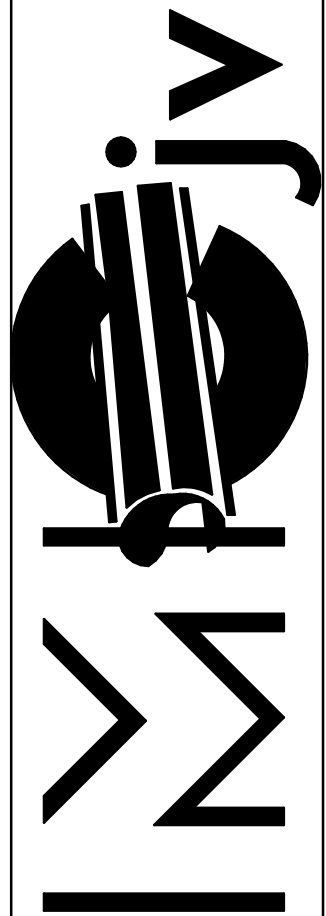
1 AS-L00-007 - ISOMETRIC
AS-L00-007 SCALE:



2 AS-L00-007
AS-L00-007 SCALE: 1/2" = 1'-0"

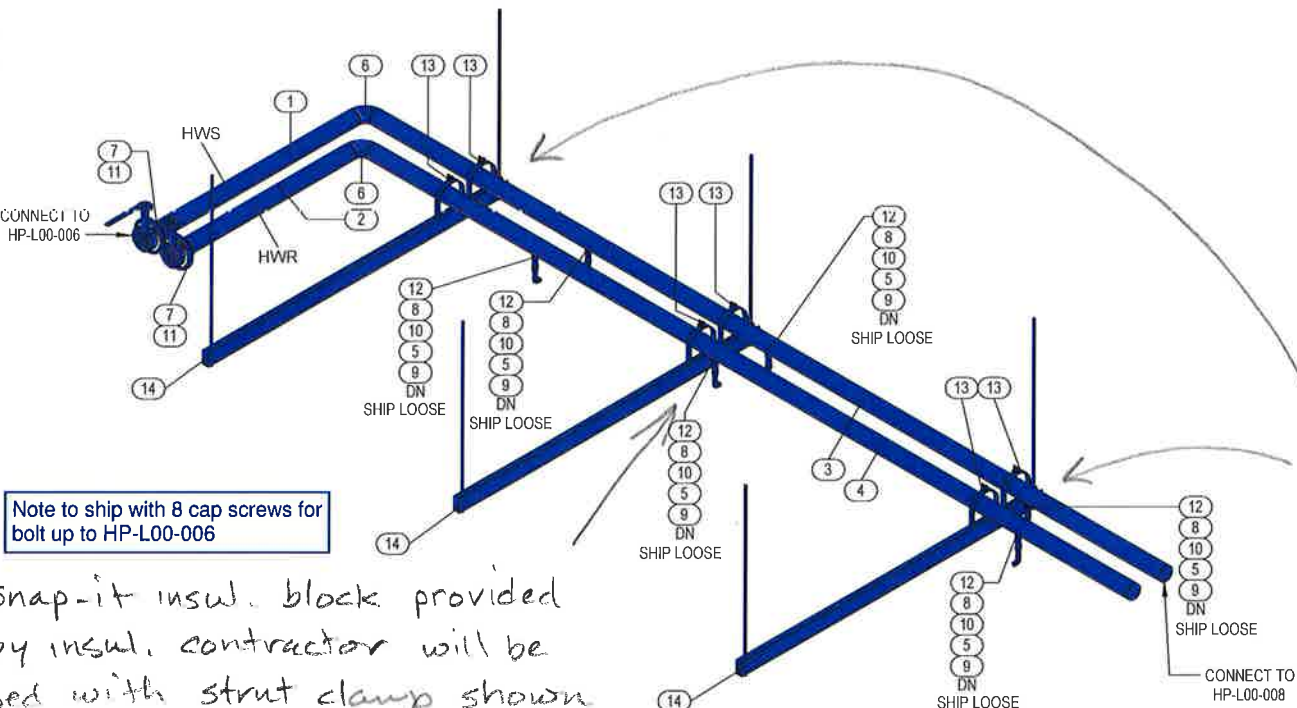
A1	A3	B1	B3
A2	A4	B2	B4

JOB:	WASH U NRB
TICKET:	AS-L00-007
Drawn By: Author	
DATE: 03/11/21	DATE REQ:



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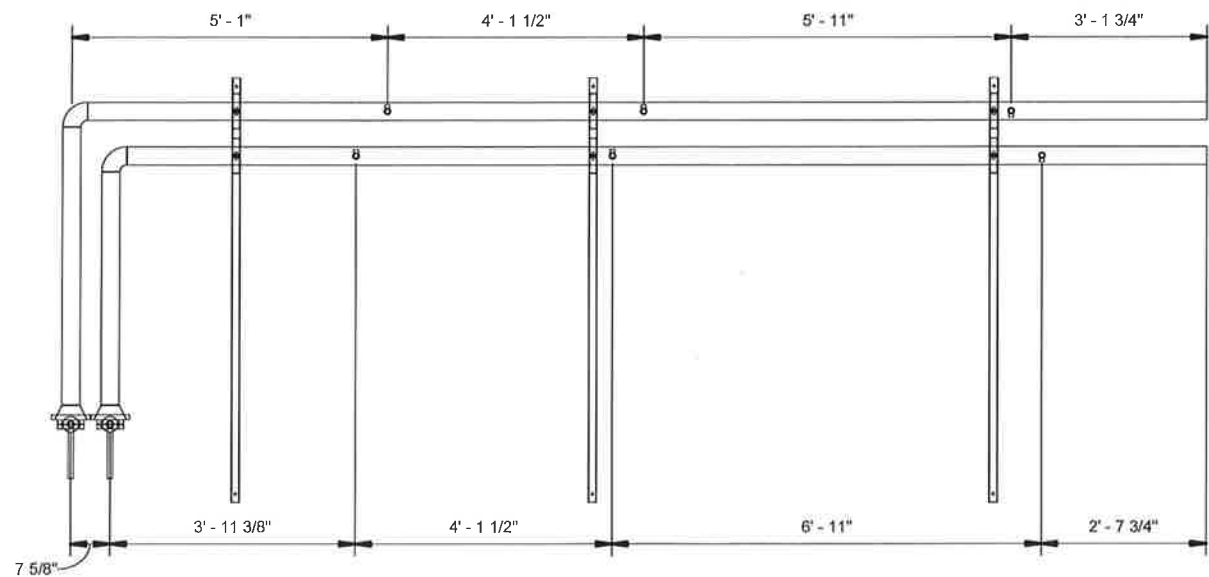
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5/5/2021 4:17:08 PM



Note to ship with 8 cap screws for bolt up to HP-L00-006

Snap-it insul. block provided by insul. contractor will be used with strut clamp shown (2) 3" IPS x 1 1/2" insul.

1 ISOMETRIC
SCALE:

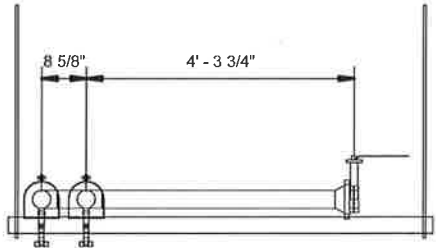


2 TOP VIEW
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

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	4'-5 1/2"			
2	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	3'-8 7/8"			
3	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	18'-0 1/4"			
4	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	17'-4 5/8"			
5	6	3/4"	Cerro Type K Hard Copper Pipe	0'-2 9/16"			
6	2	3"	Weldbend Std Wt SA234 WPB CS BW SR 90 Deg Ell				
7	2	3"	Weldbend 150lb RF Sch 40 Bore SA105 CS WN Flg				
8	0	3/4"	Victaulic No. 647 TT Dielectric Transition Fitting				
9	6	3/4"	Nibco Wrot 607 90 Deg Ell CxC				
10	6	3/4"	Nibco Wrot 603 Adapter CxC				
11	2	3"	Nibco N200235 Butterfly Valve				
12	6	3"x3/4"	Anvil 3000# FS Thread-O-Let				
13	6	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
14	3	76 3/4"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		6' - 10"	3' - 9"	3' - 9"

Klo-sure clamps at each end of rack used to secure during shipment to job site.
(4) 3" nom. x 1 1/2" insul.



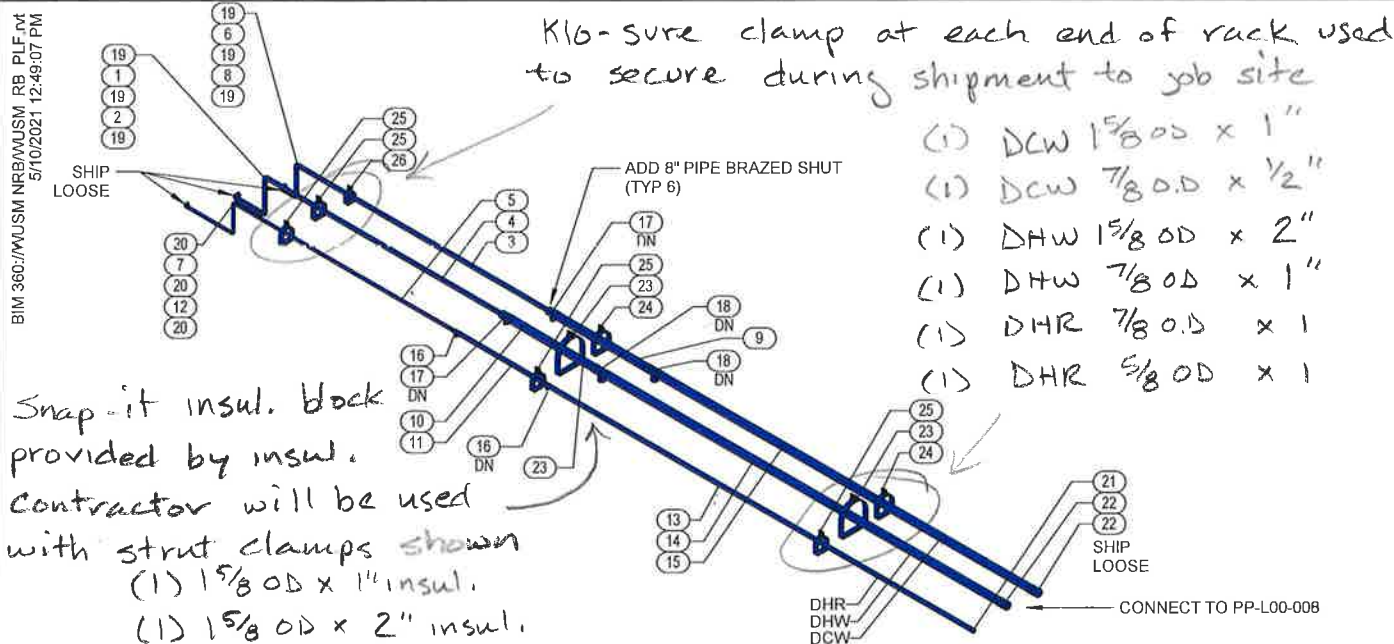
3 LEFT ELEVATION
SCALE: 1/2" = 1'-0"

JOB: WASH U NRB
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DATE: 04/26/21



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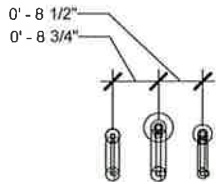
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Snap-it insul. block provided by insul. Contractor will be used with strut clamps shown

- (1) 1 5/8 OD x 1" insul.
- (1) 1 5/8 OD x 2" insul.
- (1) 7/8 OD x 1" insul.

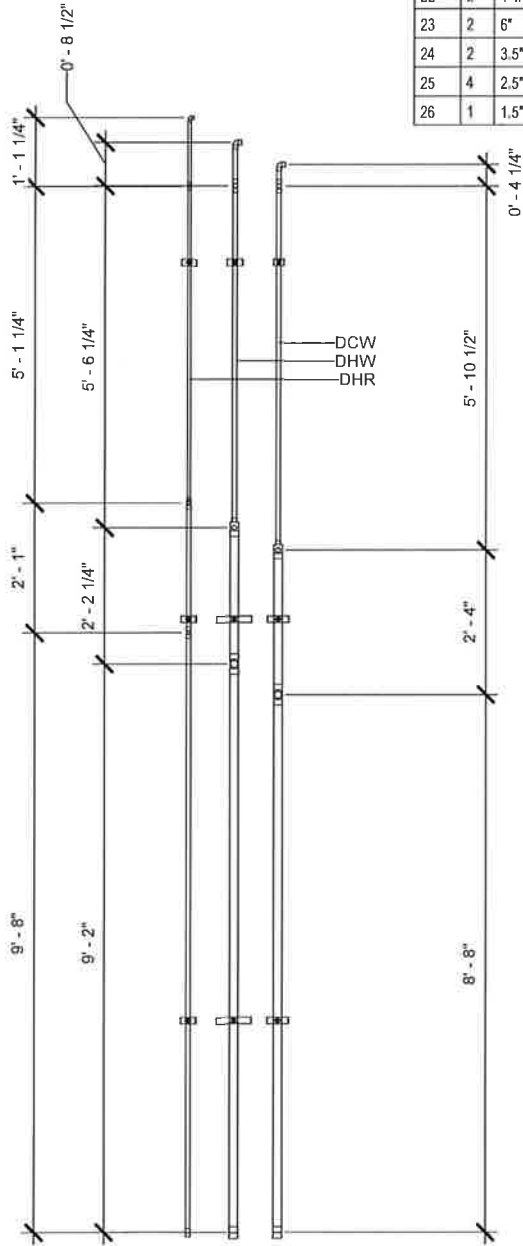
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

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'-7 15/16"			
2	1	3/4"	Cerro Type L Hard Copper Pipe	0'-7 7/16"			
3	1	3/4"	Cerro Type L Hard Copper Pipe	5'-8 13/16"			
4	1	3/4"	Cerro Type L Hard Copper Pipe	5'-4 9/16"			
5	1	1/2"	Cerro Type L Hard Copper Pipe	5'-0 3/8"			
6	1	3/4"	Cerro Type L Hard Copper Pipe	0'-6 11/16"			
7	1	1/2"	Cerro Type L Hard Copper Pipe	0'-6 5/8"			
8	1	3/4"	Cerro Type L Hard Copper Pipe	0'-3 3/16"			
9	1	1 1/2"	Cerro Type L Hard Copper Pipe	2'-2 7/16"			
10	1	1 1/2"	Cerro Type L Hard Copper Pipe	2'-0 7/8"			
11	1	3/4"	Cerro Type L Hard Copper Pipe	2'-0 1/4"			
12	1	1/2"	Cerro Type L Hard Copper Pipe	1'-0 5/8"			
13	1	3/4"	Cerro Type L Hard Copper Pipe	9'-7 5/8"			
14	1	1 1/2"	Cerro Type L Hard Copper Pipe	9'-1 1/16"			
15	1	1 1/2"	Cerro Type L Hard Copper Pipe	8'-7 1/8"			
16	2	3/4"x1/2"x12"	Nibco Wrot 611R CxCxC Reducing Tee				
17	2	1 1/2"x3/4"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
18	2	1 1/2"x1 1/4"	Nibco Wrot 611R CxCxC Reducing Tee				
19	6	3/4"	Nibco Wrot 607 90 Deg Ell CxC				
20	3	1/2"	Nibco Wrot 607 90 Deg Ell CxC				
21	1	3/4"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
22	2	1 1/2"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
23	2	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
24	2	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
25	4	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
26	1	1.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				

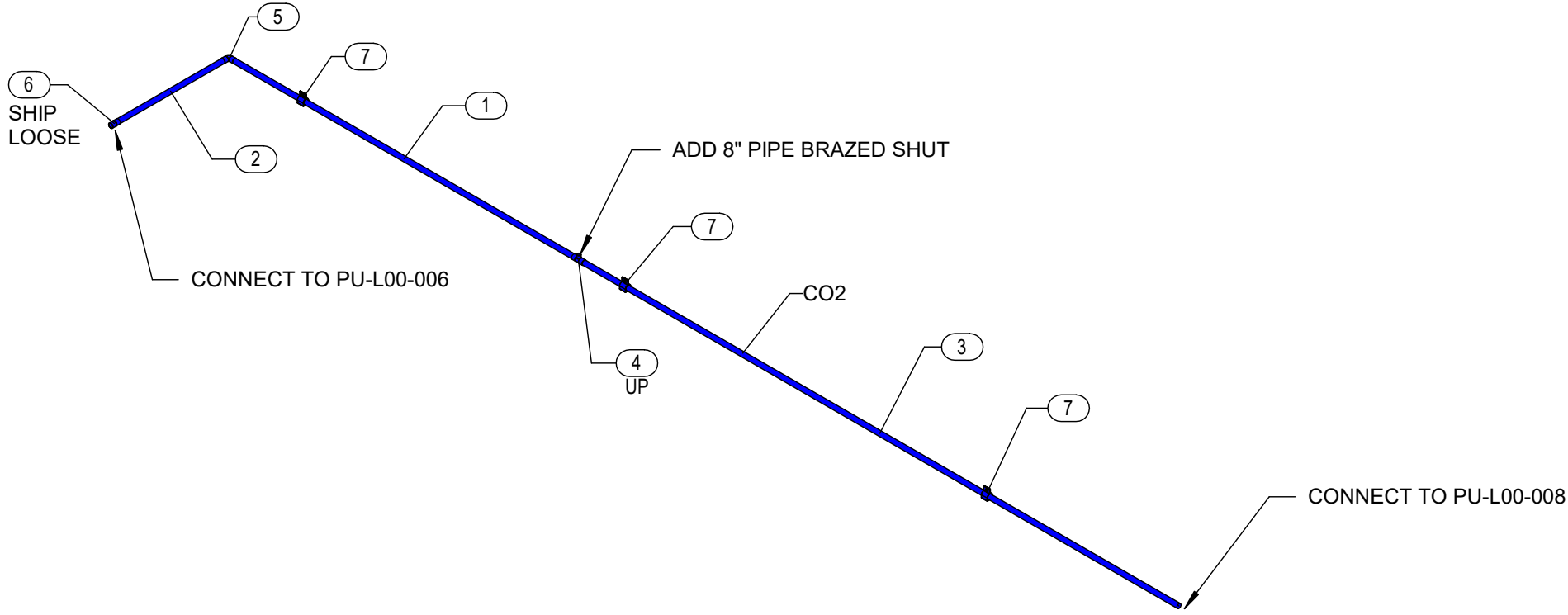


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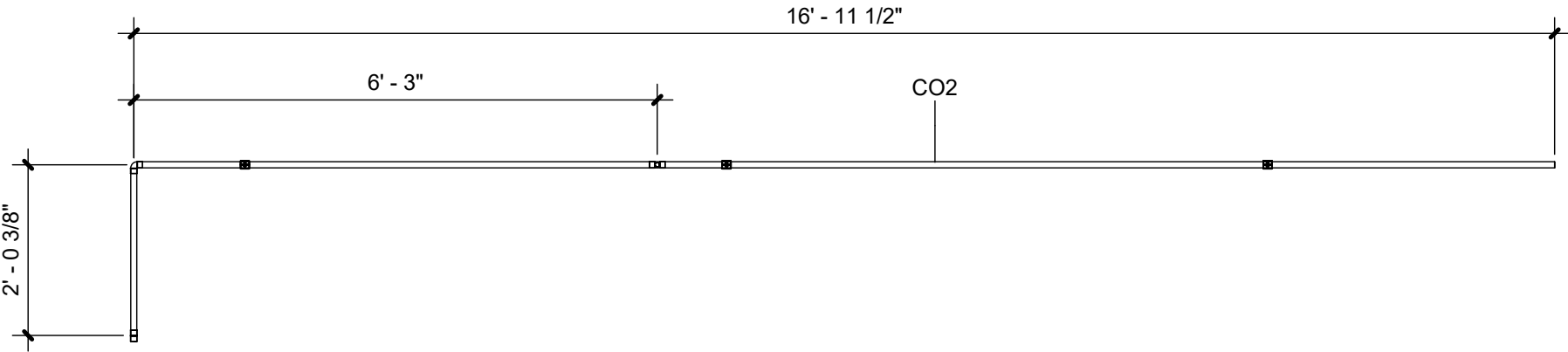
JOB: WASH U NRB
TICKET: PP-L00-007
Drawn By: Author
DATE: 04/01/21

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Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Cerro Type L Hard Copper - CFOS	6'-2 1/8"			
2	1	3/4"	Cerro Type L Hard Copper - CFOS	1'-11 15/16"			
3	1	3/4"	Cerro Type L Hard Copper - CFOS	10'-8 3/16"			
4	1	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee				
5	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow				
6	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Staked Stop				
7	3	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				



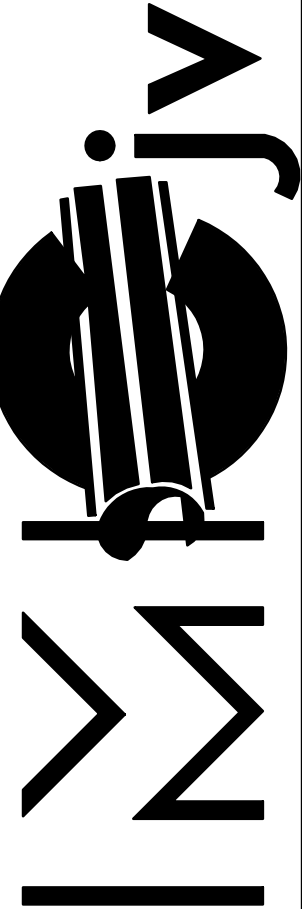
1 ISOMETRIC
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: PU-L00-007
Drawn By: Author
DATE: 05/04/21
DATE REQ:



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