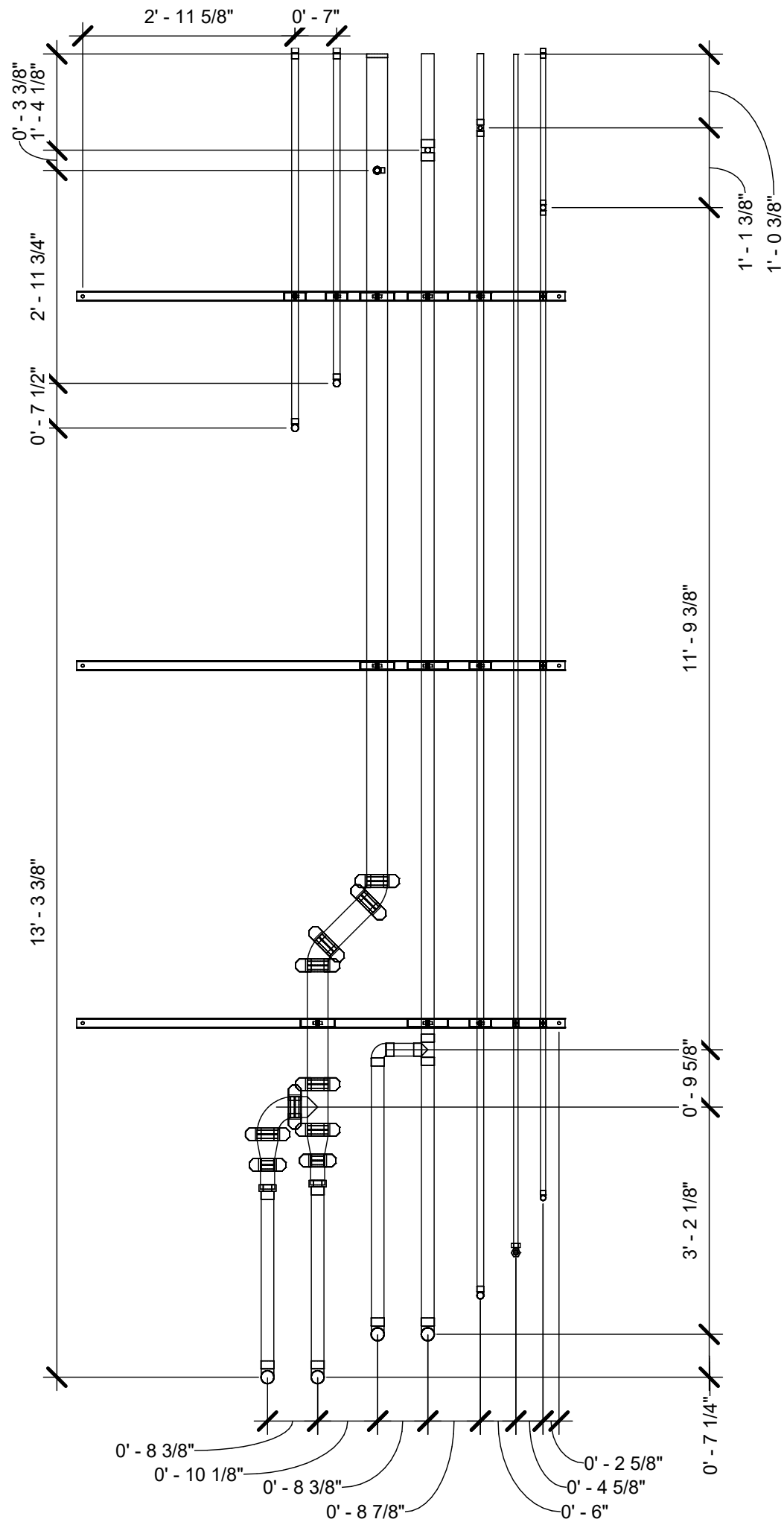


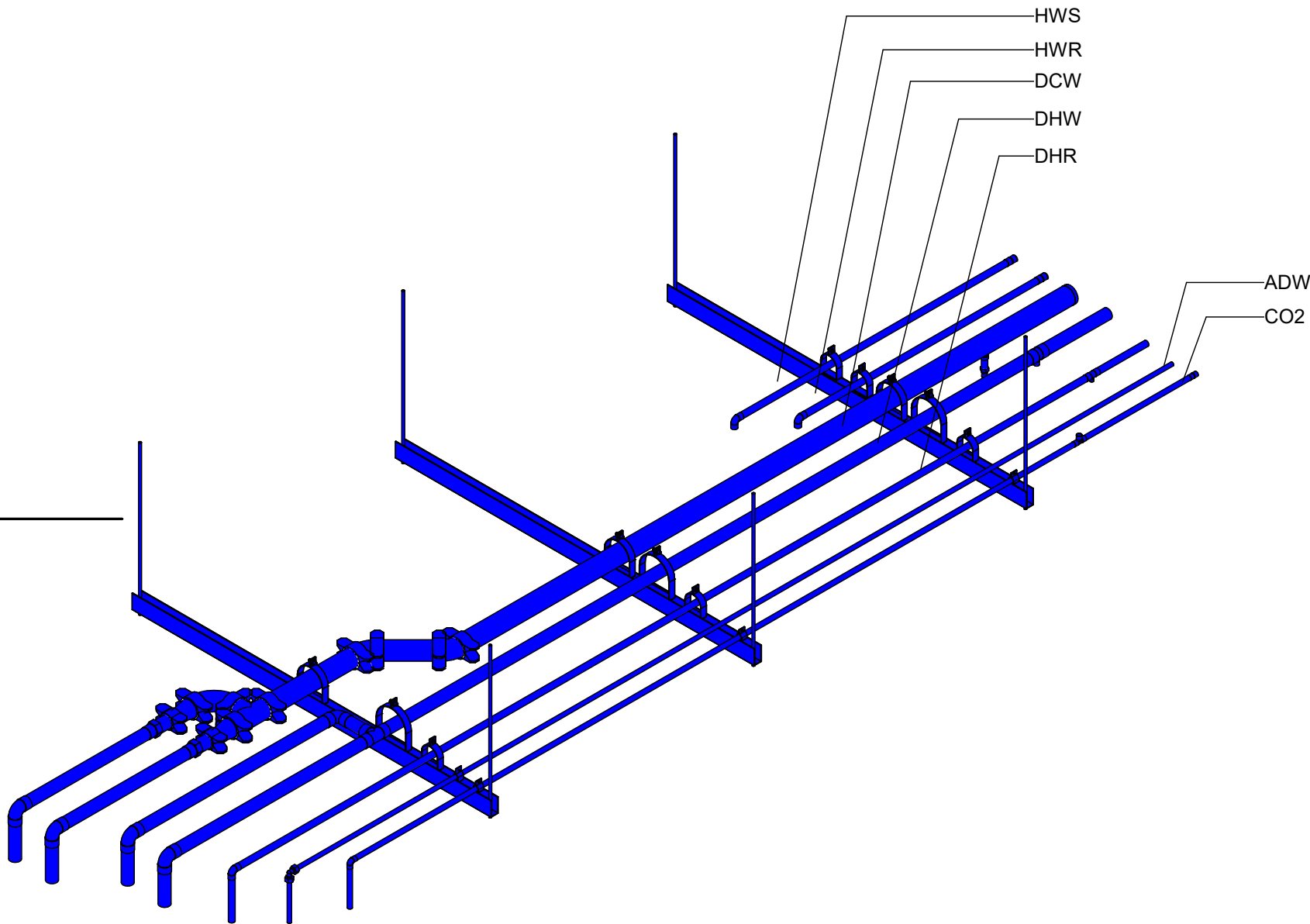
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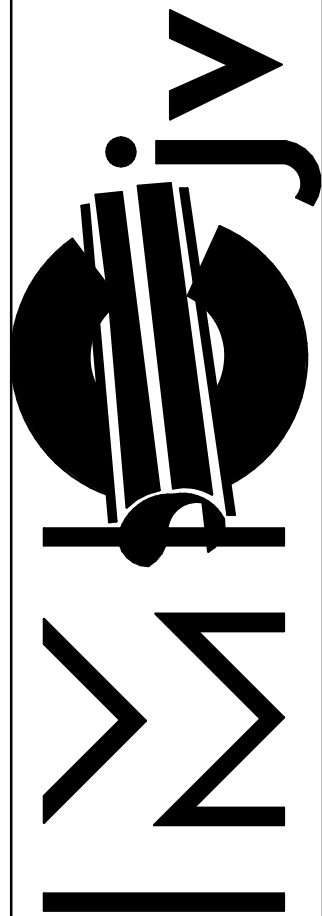
1 AS-L00-047
AS-L00-047 SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

2 AS-L00-047 - ISOMETRIC
AS-L00-047 SCALE:

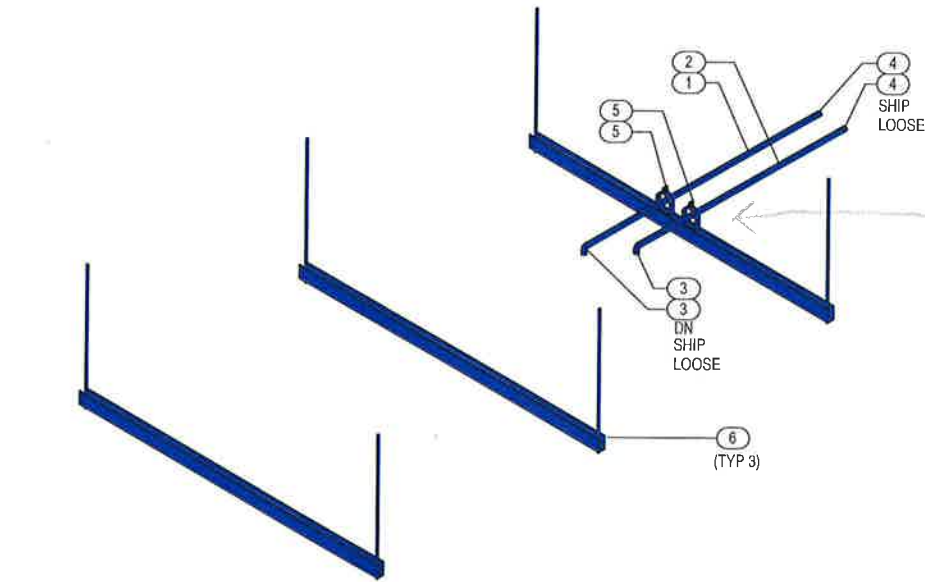


JOB: WASH U NRB
TICKET: AS-L00-047
Drawn By: Author
DATE: 03/11/21 DATE REQ:



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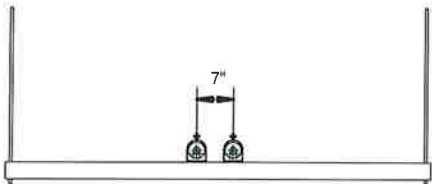
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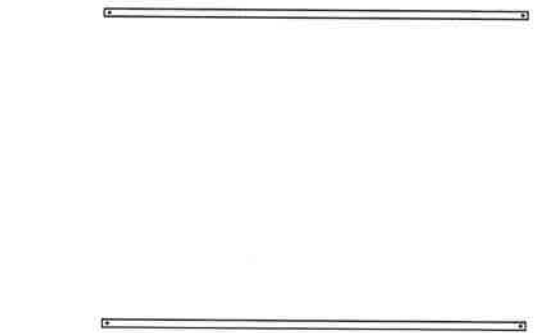
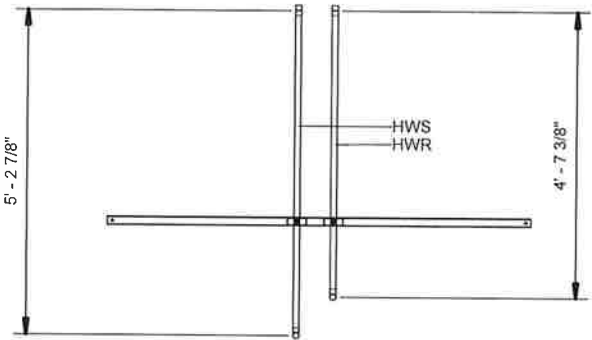
(2) 1 1/8 O.D. x 1" insul Kilo-sure clamp used for shipment of rack to job site

Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	1"	Cerro Type K Hard Copper Pipe	5'-2 3/16"			
2	1	1"	Cerro Type K Hard Copper Pipe	4'-6 11/16"			
3	2	1"	Nibco Wrot 607 90 Deg Ell CxC				
4	2	1"	Nibco Wrot 600 Dimpled Stop Coupling CxC				
5	2	3"	B-Line B2000 ZN Sch 40 Pipe Clamp				
6	3	78"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		6" - 10"	2' - 10"	2' - 10"

1 ISOMETRIC
SCALE:



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



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

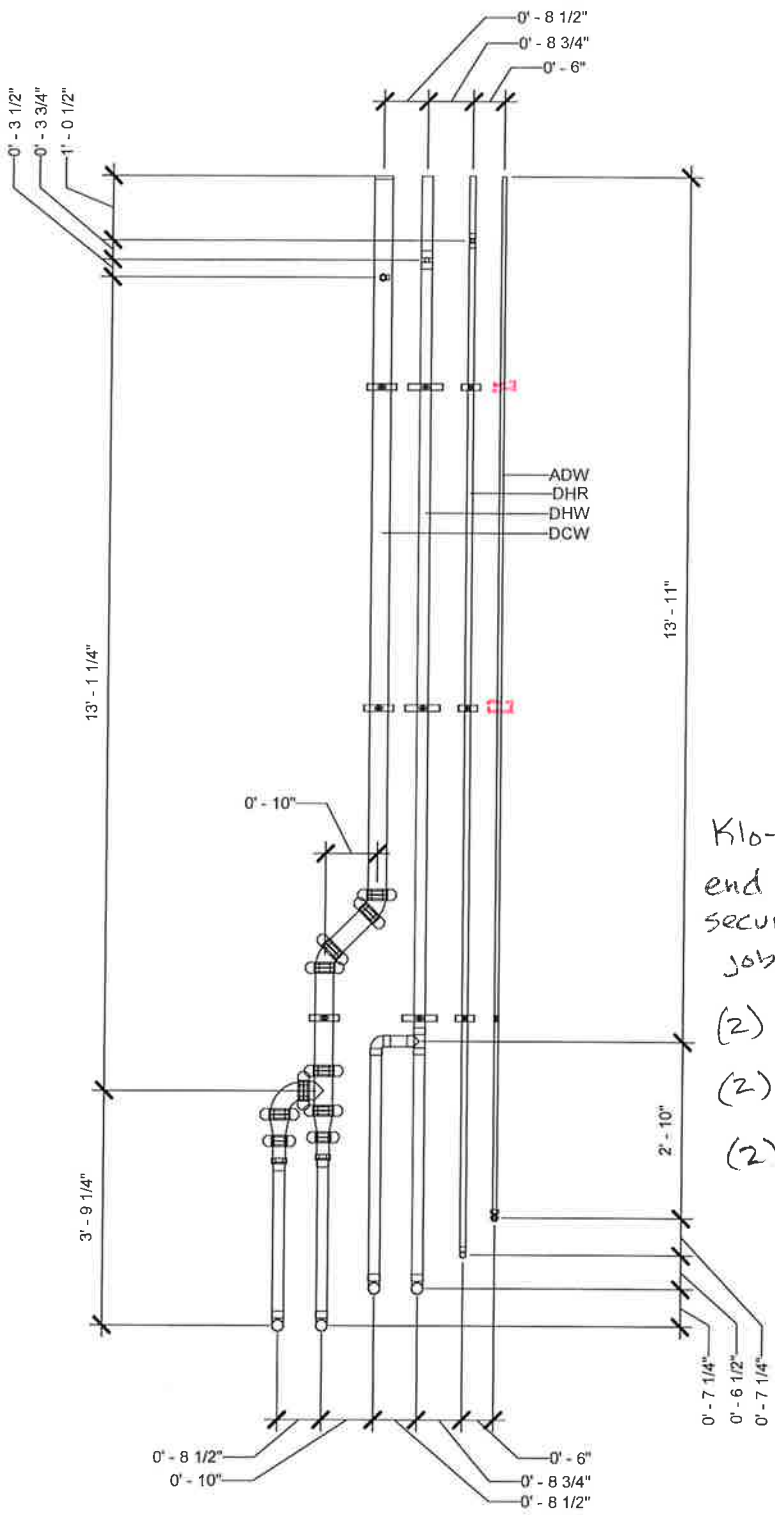
JOB: WASH U NRB
TICKET: HP-L00-047
Drawn By: Author
DATE: 05/11/21



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A1	A3	B1	B3
A2	A4	B2	B4

BIM 360://WUSM NRB/WUSM RB PLF.rvt
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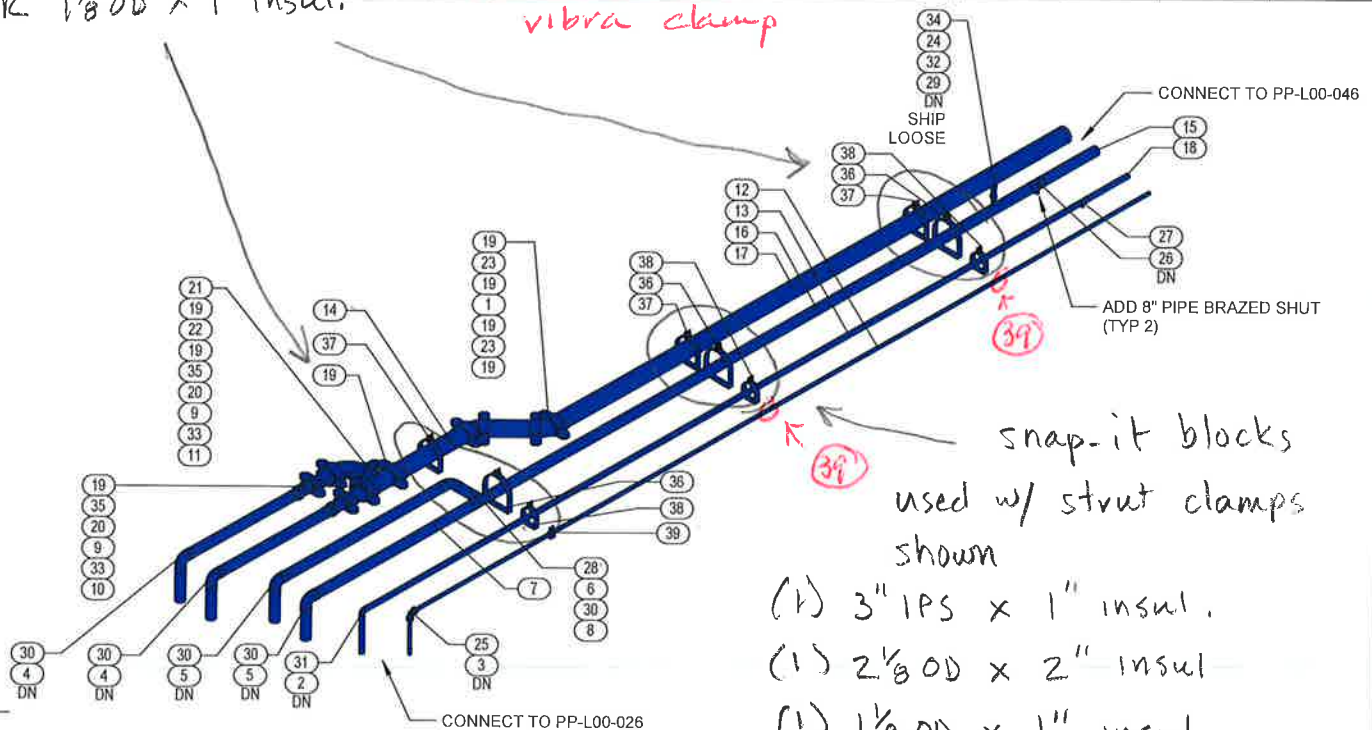


2 TOP VIEW
SCALE: 1/2" = 1'-0"

1 ISOMETRIC
SCALE:

Klo-sure clamps on each
end of rack used to
secure during shipment to
job site
(2) DCW 3"nom. x 1" insul.
(2) DHW 2 1/8 OD x 2" insul.
(2) DHR 1 1/8 OD x 1" insul.

Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3"	Brismet Sch 10S A312 EFW 304 PIPE	0'-9 13/16"			
2	1	1"	Cerro Type L Hard Copper Pipe	0'-9 5/16"			
3	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-9 3/16"			
4	2	2"	Cerro Type L Hard Copper Pipe	0'-8 3/8"			
5	2	2"	Cerro Type L Hard Copper Pipe	0'-7 13/16"			
6	1	2"	Cerro Type L Hard Copper Pipe	0'-6"			
7	1	2"	Cerro Type L Hard Copper Pipe	3'-9 1/16"			
8	1	2"	Cerro Type L Hard Copper Pipe	3'-8 15/16"			
9	2	2"	Victaulic CF Nip No 47 GT	0'-4"			
10	1	2"	Cerro Type L Hard Copper Pipe	2'-6 1/2"			
11	1	2"	Cerro Type L Hard Copper Pipe	2'-5 13/16"			
12	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	16'-8 9/16"			
13	1	1"	Cerro Type L Hard Copper Pipe	16'-2 7/8"			
14	1	3"	Brismet Sch 10S A312 EFW 304 PIPE	1'-7 3/4"			
15	1	2"	Cerro Type L Hard Copper Pipe	1'-3 3/4"			
16	1	2"	Cerro Type L Hard Copper Pipe	12'-5 1/4"			
17	1	3"	Brismet Sch 10S A312 EFW 304 PIPE	11'-6 13/16"			
18	1	1"	Cerro Type L Hard Copper Pipe	1'-0"			
19	8	3"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl				
20	2	2"	Victaulic Style 107N QuickVic EHP Pnt Rigid Cpl				
21	1	3"	Victaulic Sch 10S 316L A-403 GRV Tee No 420-SS				
22	1	3"	Victaulic Sch 10S 316L A-403 GRV 90 Deg Ell No 410-SS				
23	2	3"	Victaulic Sch 10S 316L A-403 GRV 45 Deg Ell No 411-SS				
24	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting				
25	1	3/4"	Swagelok SS316 Compression Union 90 Elbow				
26	1	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
27	1	1"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee				
28	1	2"	Nibco Wrot 611 CxCxC Tee				
29	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC				
30	5	2"	Nibco Wrot 607 90 Deg Ell CxC				
31	1	1"	Nibco Wrot 607 90 Deg Ell CxC				
32	1	3/4"	Nibco Wrot 603-2 Flg Adapter CxF				
33	2	2"	Nibco Wrot 603 Adapter CxF				
34	1	3"x3/4"	Merit Brass 3000# 316L SS Thread-O-Let				
35	2	3"x2"	Victaulic Sch 10S 316L A-403 GRV Conc Red No 450-SS				
36	3	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
37	3	5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
38	3	3"	B-Line B2000 ZN Sch 40 Pipe Clamp				
39	1	0.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				



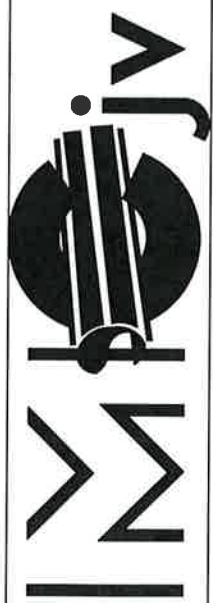
snap-it blocks
used w/ strut clamps
shown
(1) 3" IPS x 1" insul.
(1) 2 1/8 OD x 2" insul
(1) 1 1/8 OD x 1" insul

JOB: WASH U NRB

TICKET: PP-L00-047

Drawn By: Author

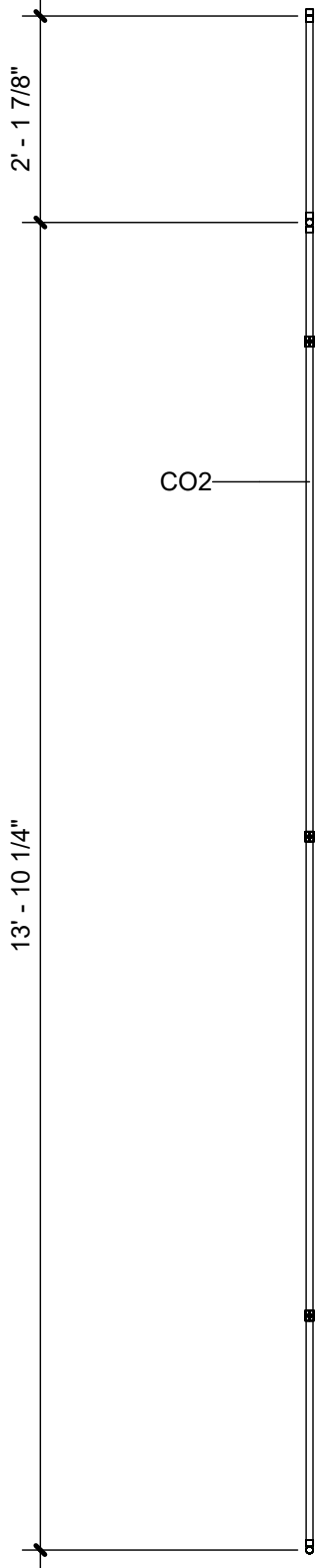
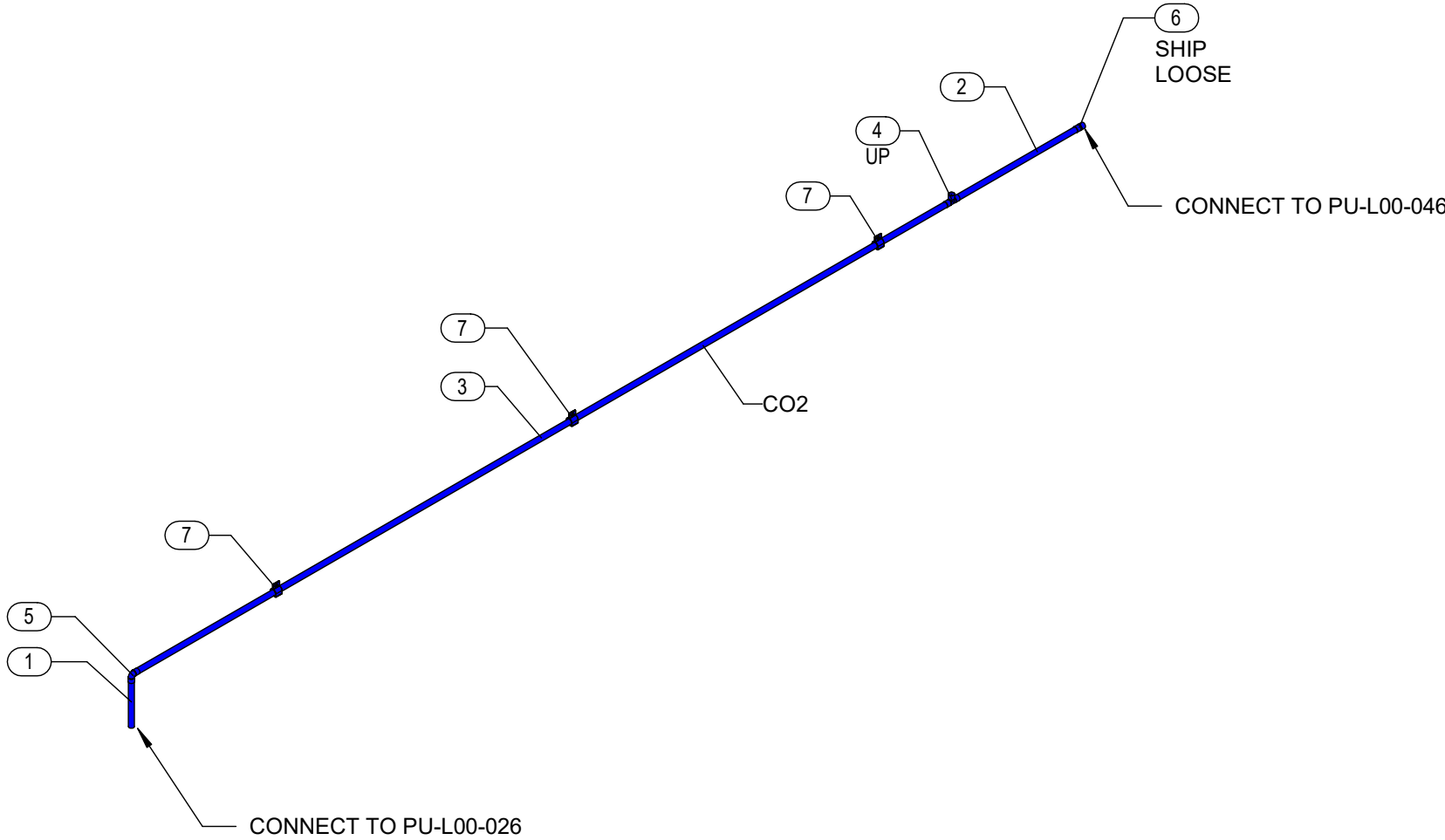
DATE REQ: 05/17/21



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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	0'-8 5/8"			
2	1	3/4"	Cerro Type L Hard Copper - CFOS	2'-1 3/8"			
3	1	3/4"	Cerro Type L Hard Copper - CFOS	13'-9 1/4"			
4	1	3/4"	Nibco 611-CB CFOS Wrot Copper Tee				
5	1	3/4"	Nibco 607-CB CFOS Wrot 90 Elbow				
6	1	3/4"	Nibco 600-DS-CB CFOS Wrot Copper Coupling Slaked Stop				
7	3	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				

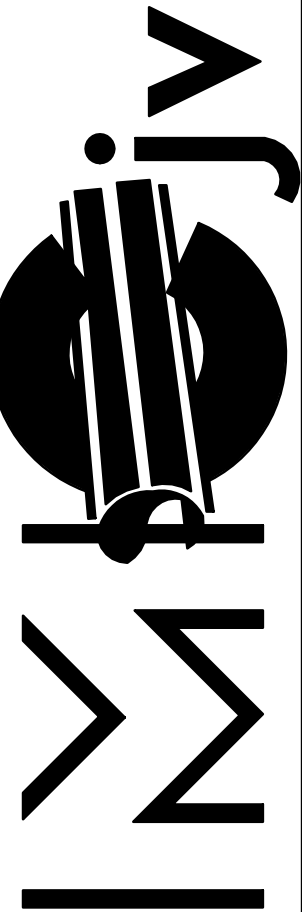


1 ISOMETRIC
SCALE:

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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB
TICKET: PU-L00-047
Drawn By: Author
DATE: 05/11/21
DATE REQ:



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