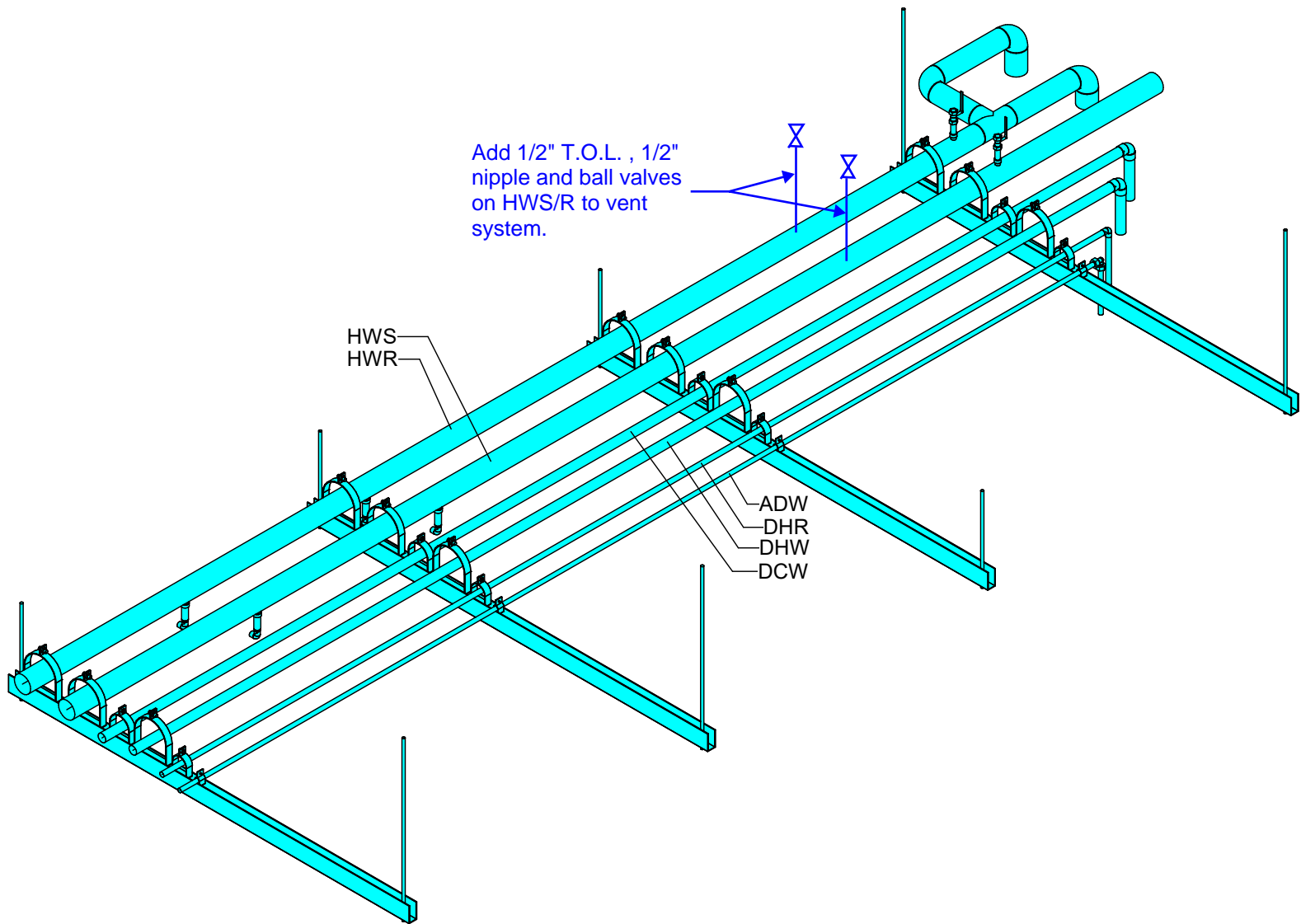


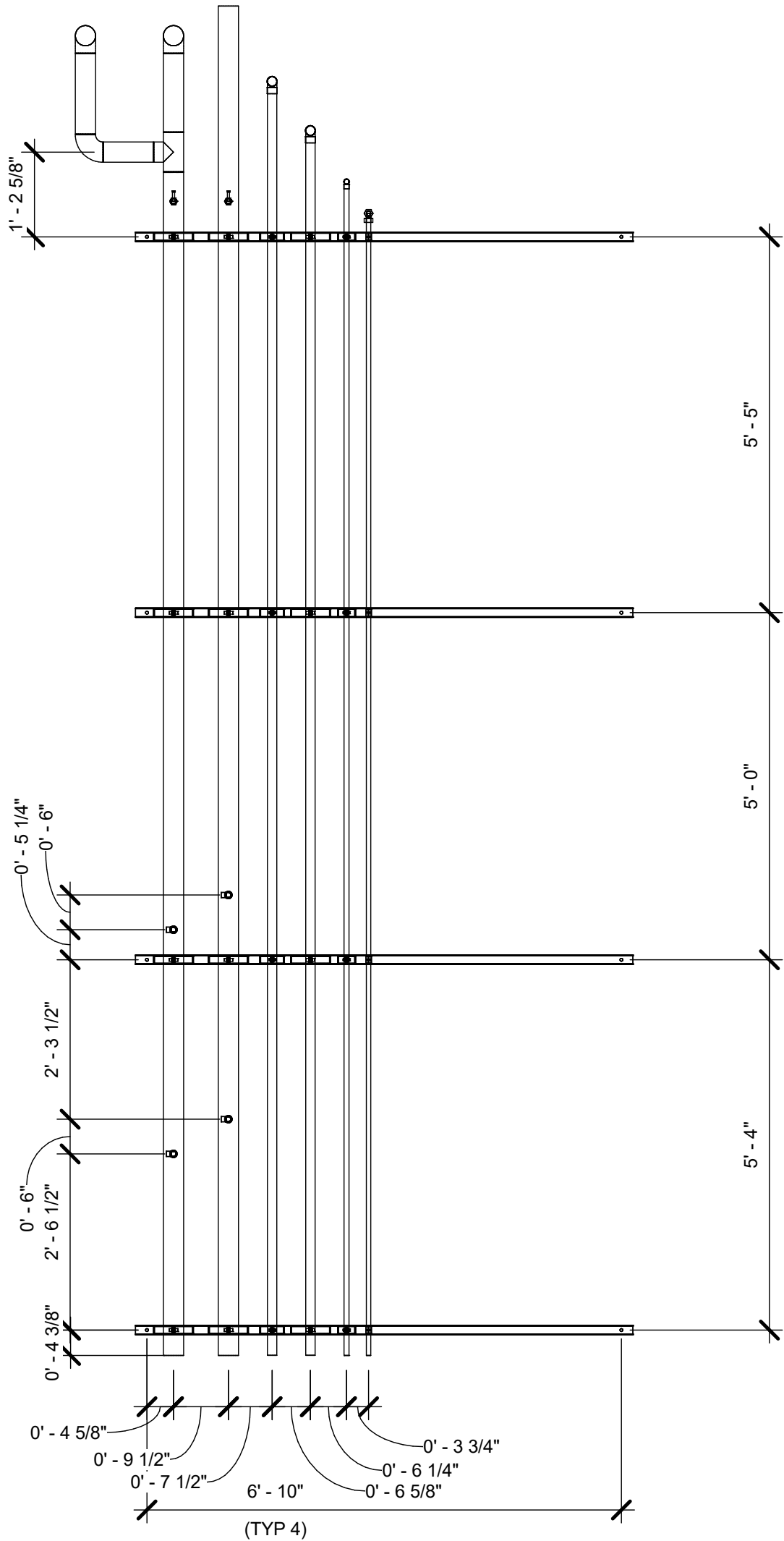
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7/13/2021 10:23:18 AM



1 AS-L00-038 - ISOMETRIC
AS-L00-038 SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

2 AS-L00-038
AS-L00-038 SCALE: 1/2" = 1'-0"

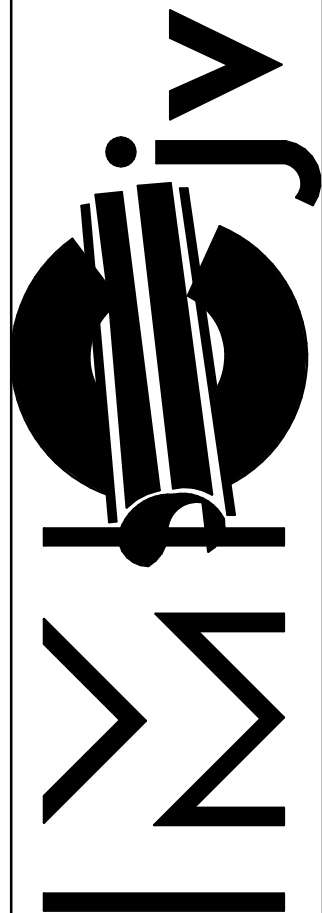


JOB: WASH U NRB

TICKET: AS-L00-038

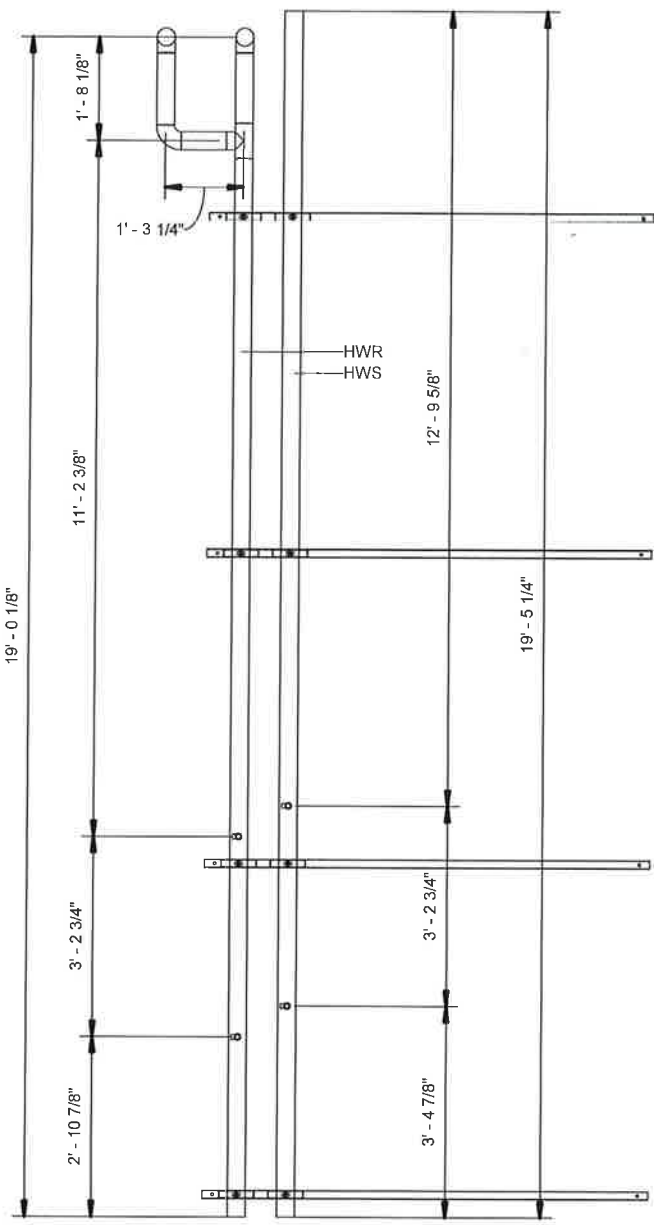
Drawn By: Author

DATE: 03/11/21 DATE REQ:

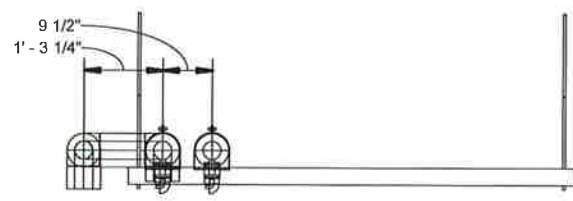


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BIM 360//WUSM NRB/MUSM RB HPF-MT
5/7/2021 11:38:05 AM



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

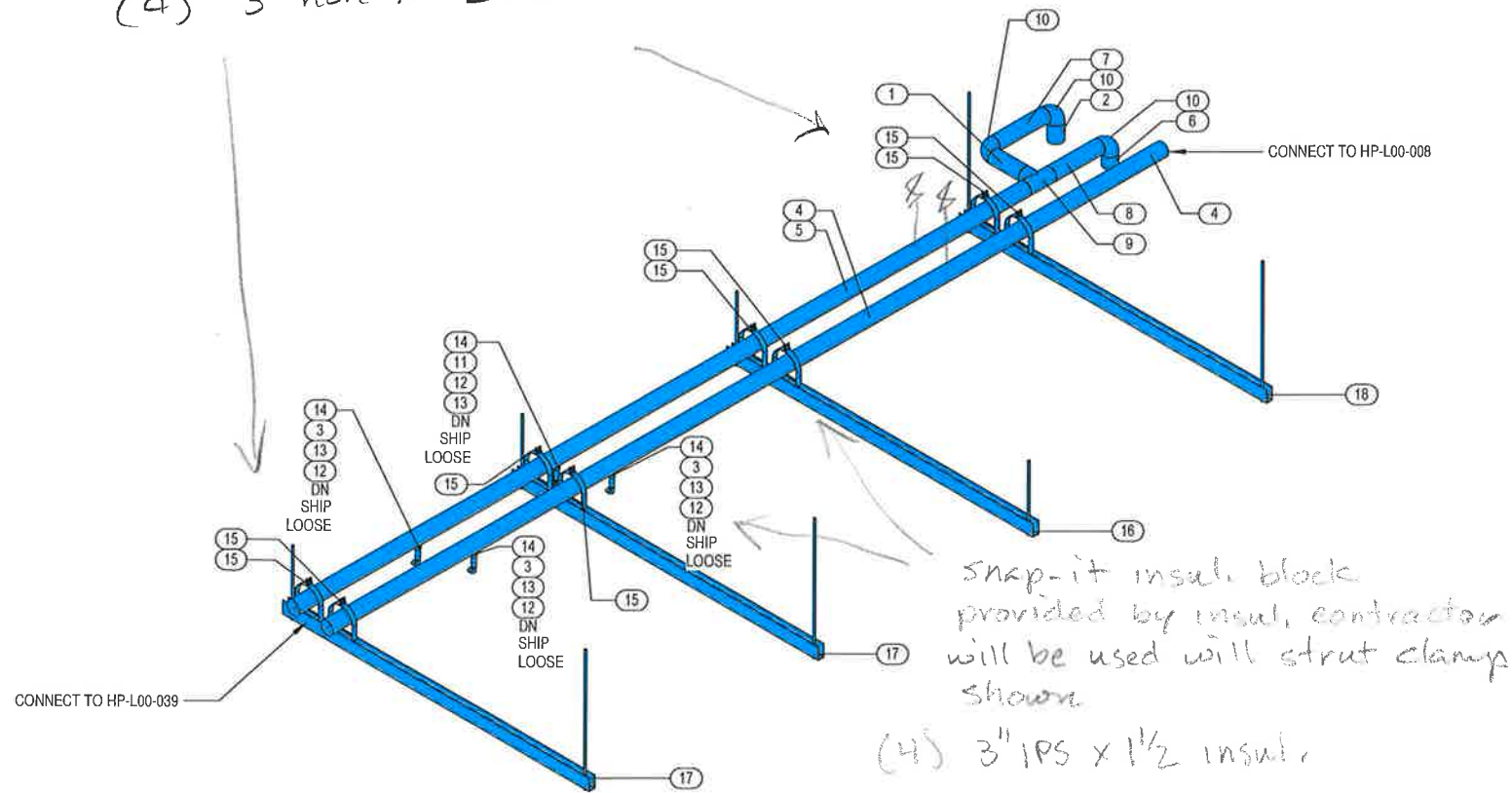


3 FRONT ELEVATION
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4

1 ISOMETRIC
SCALE:

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



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'-8 9/16"			
2	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-4 3/8"			
3	3	3/4"	Victaulic No.647 TT Dielectric Transition Fitting	0'-3"			
4	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	19'-5 1/4"			
5	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	17'-0 1/2"			
6	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	0'-2 7/8"			
7	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	1'-1 7/8"			
8	1	3"	Chicago Area Sch 40 SA-53B CS ERW Pipe PE	1'-1 1/2"			
9	1	3"	Weldbend Std Wt SA234 WPB CS BW TEE				
10	3	3"	Weldbend Std Wt SA234 WPB CS BW SR 90 Deg Ell				
11	1	3/4"	Victaulic No.647 TT Dielectric Transition Fitting				
12	4	3/4"	Nibco Wrot 607 90 Deg Ell CxC				
13	4	3/4"	Nibco Wrot 603-2 Ftg Adapter CxF				
14	4	3"x3/4"	Anvil 3000# FS Thread-O-Let				
15	8	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
16	1	80"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		7' - 2"	1' - 6"	1' - 6"
17	2	80"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		7' - 2"	1' - 6"	2' - 10"
18	1	80"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut		7' - 2"	2' - 10"	2' - 10"

19	2	3 x 1/2	Thread - o - let				
20	2	1/2	Sch. 80, CS nipple				
21	2	1/2	Apollo 77C-140 Brz 2pc FP, SS, -Vntd - B&S Ball valve thrd.				
22	2	1/2	C.S. PLUG				

JOB: WASH U NRB

TICKET: HP-L00-038

Drawn By: Author

DATE REC: 04/26/21

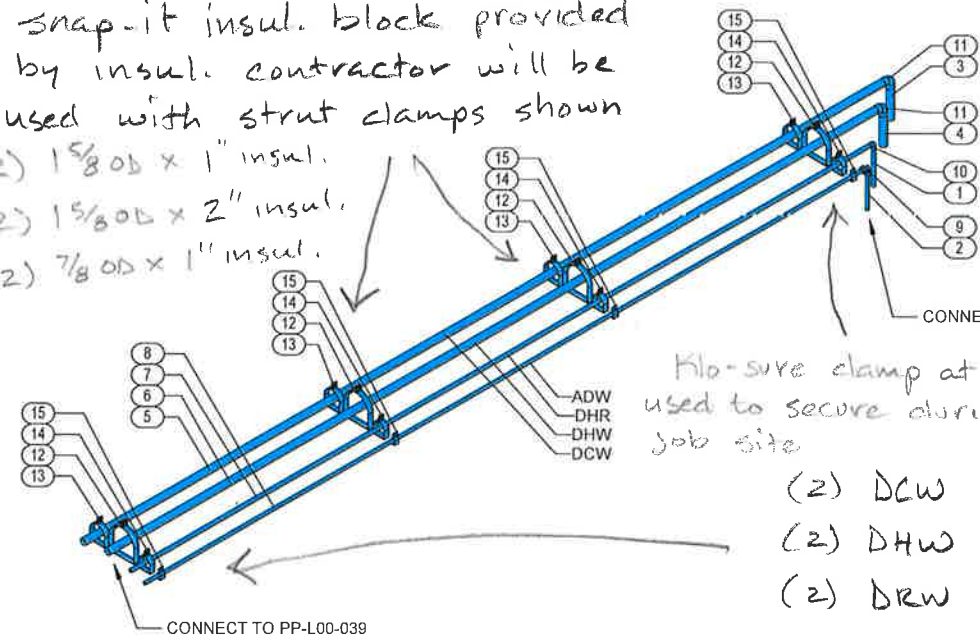


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BIM 360/AVUSM NRBWUSM RB PLF-M
5/7/2021 9:17:14 AM

snap-it insul. block provided
by insul. contractor will be
used with strut clamps shown

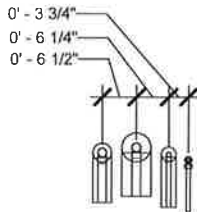
- (2) 1 5/8 OD x 1" insul.
- (2) 1 5/8 OD x 2" insul.
- (2) 7/8 OD x 1" insul.



Kilo-sure clamp at each end of rack
used to secure during shipment to
job site

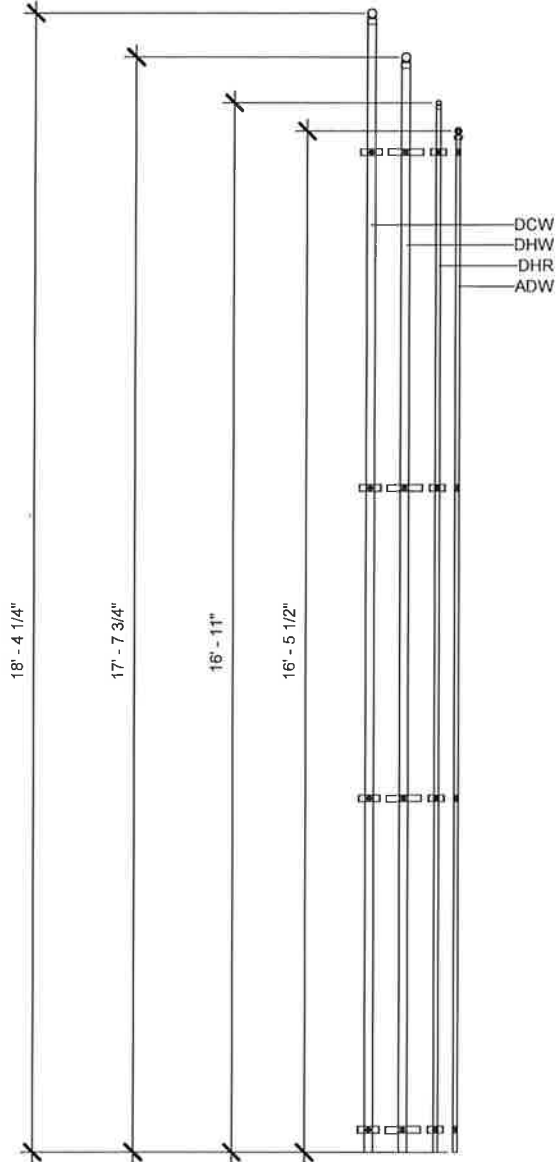
- (2) DCW 1 5/8 OD x 1" insul.
- (2) DHW 1 5/8 OD x 2" insul.
- (2) DRW 7/8 OD x 1" insul.

1 ISOMETRIC
SCALE:



4 FRONT ELEVATION
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'-9 11/16"			
2	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	0'-9 3/8"			
3	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-8 5/8"			
4	1	1 1/2"	Cerro Type L Hard Copper Pipe	0'-8 3/8"			
5	1	1 1/2"	Cerro Type L Hard Copper Pipe	18'-3 3/16"			
6	1	1 1/2"	Cerro Type L Hard Copper Pipe	17'-6 11/16"			
7	1	3/4"	Cerro Type L Hard Copper Pipe	16'-10 3/8"			
8	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	16'-4 13/16"			
9	1	3/4"	Swagelok SS316 Compression Union 90 Elbow				
10	1	3/4"	Nibco Wrot 607 90 Deg Ell CxC				
11	2	1 1/2"	Nibco Wrot 607 90 Deg Ell CxC				
12	4	6"	B-Line B2000 ZN Sch 40 Pipe Clamp				
13	4	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
14	4	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
15	4	0.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				



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

A1	A3	B1	B3
A2	A4	B2	B4



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JOB: WASH U NRB
TICKET: PP-L00-038
Drawn By: Author
DATE: 04/07/21

DATE REQ: