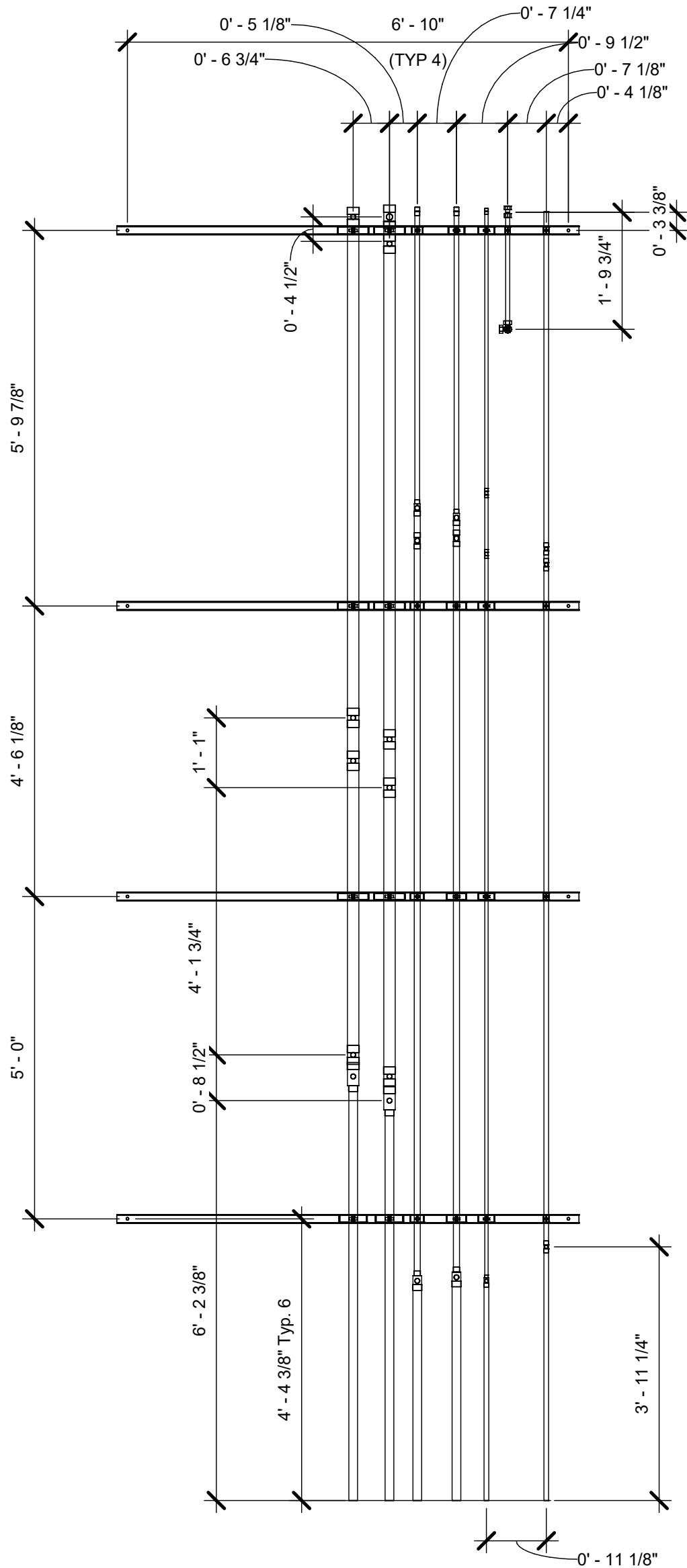


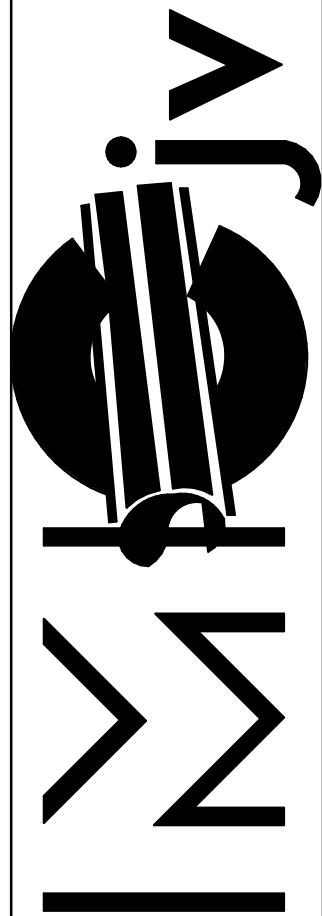
1 AS-L00-035 - ISOMETRIC  
SCALE:



2 AS-L00-035  
SCALE: 1/2" = 1'-0"

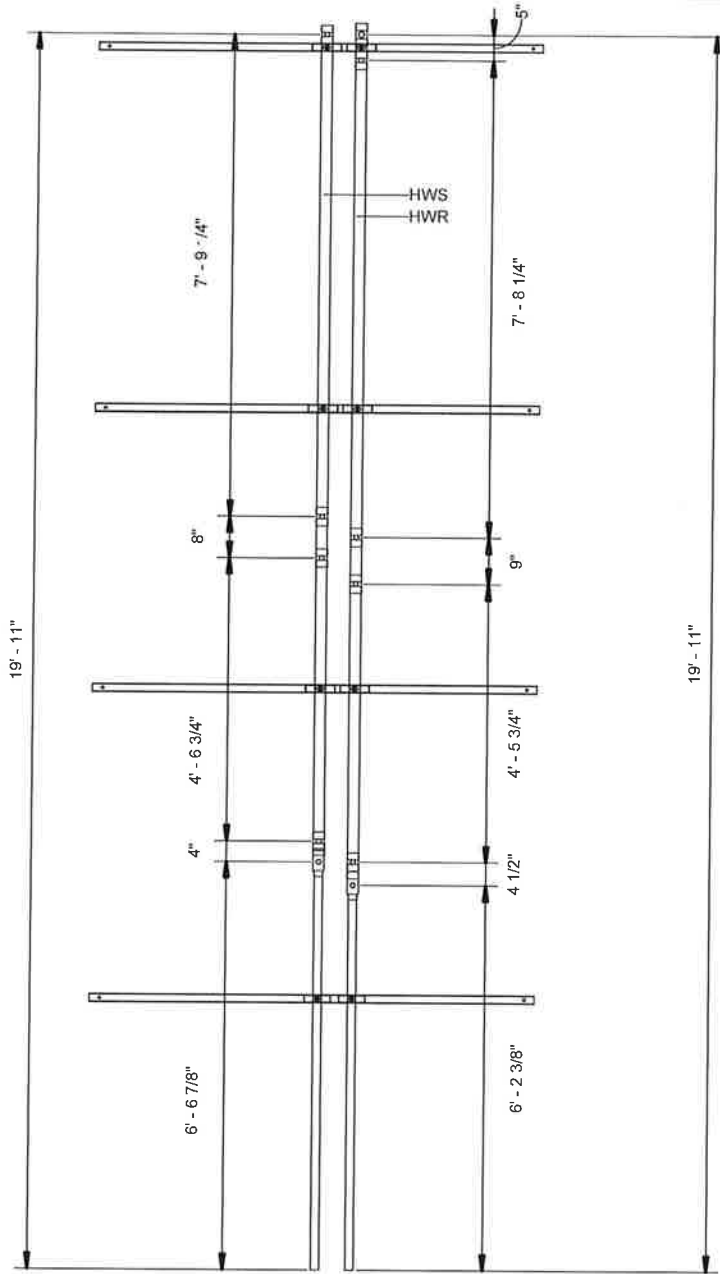
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: AS-L00-035  
Drawn By: Author  
DATE: 03/11/21  
DATE REQ:

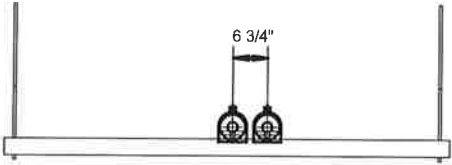


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2 TOP VIEW  
SCALE: 1/2" = 1'-0"



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

1 ISOMETRIC  
SCALE:

A1	A3	B1	B3
A2	A4	B2	B4

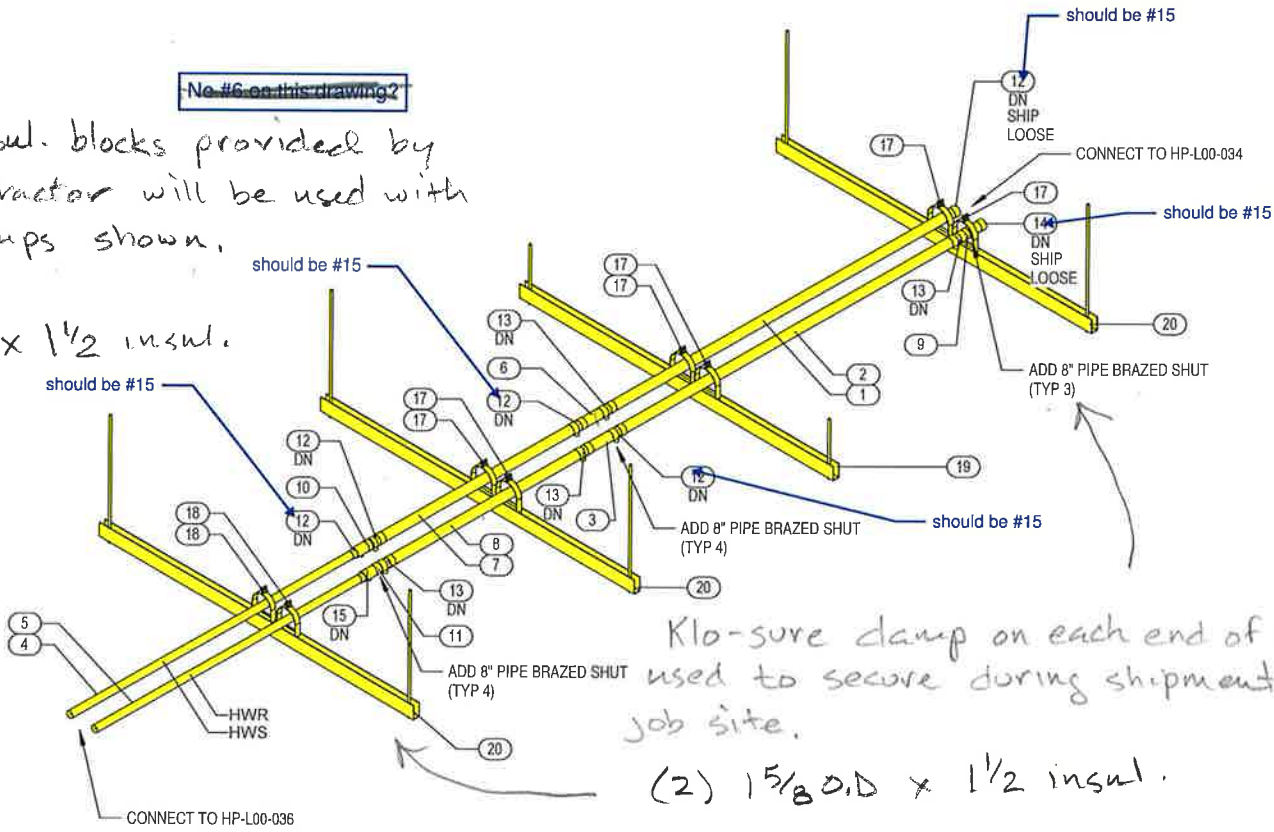
Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	2"	Cerro Type K Hard Copper Pipe	7'-8 3/8"			
2	1	2"	Cerro Type K Hard Copper Pipe	7'-7 3/8"			
3	1	2"	Cerro Type K Hard Copper Pipe	0'-8 1/8"			
4	1	1 1/2"	Cerro Type K Hard Copper Pipe	6'-4 1/2"			
5	1	1 1/2"	Cerro Type K Hard Copper Pipe	6'-0 11/16"			
6	1	2"	Cerro Type K Hard Copper Pipe	0'-7 1/8"			
7	1	2"	Cerro Type K Hard Copper Pipe	4'-5 7/8"			
8	1	2"	Cerro Type K Hard Copper Pipe	4'-4 7/8"			
9	1	2"	Cerro Type K Hard Copper Pipe	0'-3 11/16"			
10	1	2"	Cerro Type K Hard Copper Pipe	0'-3 1/8"			
11	1	2"	Cerro Type K Hard Copper Pipe	0'-2 13/16"			
12	5	2"x3/4"x2"	Nibco Wrot 611R CxCxC Reducing Tee				
13	4	2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
14	1	2"x1"x2"	Nibco Wrot 611R CxCxC Reducing Tee				
15	1	2"x1 1/2"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
16	1	2"x1 1/2"	Nibco Wrot 600-2 Flg Red FTGxC				
17	6	5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
18	2	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
19	1	80"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut	7'-2"		1'-2 1/8"	1'-2 1/8"
20	3	80"	B-Line 1-5/8 GLV 12GA Bk/Bk 2in Slotted Unistrut	7'-2"		2'-6 1/8"	2'-6 1/8"

should be a 2x2x3/4 tee  
should be a 2x2x1 tee  
change to 2

No #6 on this drawing?

Snap-it insul. blocks provided by insul. contractor will be used with strut clamps shown.

(4) 2 1/8 OD x 1 1/2 insul.



(2) 1 5/8 O.D x 1 1/2 insul.

(2) 2 1/8 OD x 1 1/2 insul.

JOB: WASH U NRB  
TICKET: HP-L00-035  
Drawn By: Author  
DATE: 04/26/21



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K16-sure clamps on each end of the rack  
 used to secure during shipment to job site.  
 (1) DCW 1 1/8 OD x 1/2" insul.  
 (1) DCW 7/8 OD x 1/2" insul.  
 (1) DTHW 1 1/8 OD x 1" insul.  
 (1) DTHW 7/8 OD x 1" insul.  
 (2) DHR 5/8 OD x 1" insul.  
 DHR  
 DHW  
 DCW

CONNECT TO PP-L00-036  
 SHIP LOOSE  
 SHIP LOOSE  
 SHIP LOOSE  
 Snap-it insul. blocks provided  
 by insul. contractor will be used  
 with strut clamps shown.

add 8" pipe with pipe  
 brazed shut

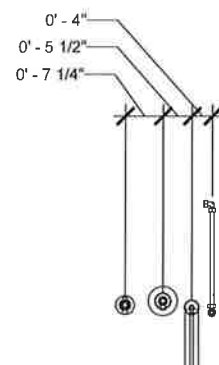
CONNECT TO PP-L00-034

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

-1 1/4"  
 -0 3/4"  
 4'-9"  
 4'-7 1/4"  
 1'-9 3/4"  
 4'-4 1/4"  
 3/4"

1

## SCALE:



2

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

A1	A3	B1	B3
A2	A4	B2	B4

3

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

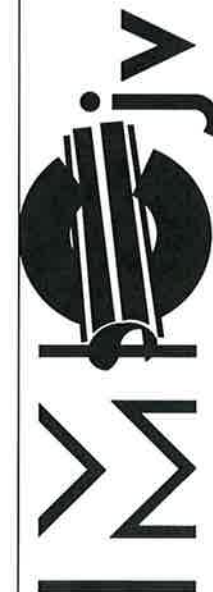
Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Cerro Type L Hard Copper Pipe	4'-8 3/16"			
2	1	3/4"	Cerro Type L Hard Copper Pipe	4'-6 3/8"			
3	1	1/2"	Cerro Type L Hard Copper Pipe	4'-4"			
4	1	1 1/2"	Cerro Type L Hard Copper Pipe	3'-4 7/8"			
5	1	3/4"	Cerro Type L Hard Copper Pipe	3'-4 1/2"			
6	1	1 1/2"	Cerro Type L Hard Copper Pipe	3'-4 3/16"			
7	1	1"	Cerro Type L Hard Copper Pipe	0'-4 15/16"			
8	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-9 3/16"			
9	1	1"	Cerro Type L Hard Copper Pipe	0'-2 11/16"			
10	1	3/4"	Swagelok SS316L 065 Wall Compression Seamless Tubing	1'-7 3/4"			
11	1	1"	Cerro Type L Hard Copper Pipe	11'-4 1/4"			
12	1	1"	Cerro Type L Hard Copper Pipe	11'-4"			
13	1	1/2"	Cerro Type L Hard Copper Pipe	11'-2 3/8"			
14	1	1/2"	Cerro Type L Hard Copper Pipe	0'-11 3/8"			
15	1	1/2"	Cerro Type L Hard Copper Pipe	0'-10 11/16"			
16	1	3/4"	Swagelok SS316 Compression Union Coupling				
17	2	3/4"	Swagelok SS316 Compression Union 90 Elbow				
18	1	3/4"x1/2"x1/2"	Nibco Wrot 611R CxCxC Reducing Tee				
19	4	1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
20	2	1 1/2"x1"x3/4"	Nibco Wrot 611R CxCxC Reducing Tee				
21	2	1/2"	Nibco Wrot 611 CxCxC Tee				
22	2	3/4"	Nibco Wrot 600 Dimpled Slop Coupling CxC				
23	1	1/2"	Nibco Wrot 600 Dimpled Slop Coupling CxC				
24	2	3"	B-Line B2000 ZN Sch 40 Pipe Clamp				
25	1	3"	B-Line B2000 ZN Sch 40 Pipe Clamp		0" - 0"	0" - 0"	0" - 0"
26	4	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
27	1	2.5"	B-Line B2000 ZN Sch 40 Pipe Clamp		0" - 0"	0" - 0"	0" - 0"
28	2	2"	B-Line B2000 ZN Sch 40 Pipe Clamp				
29	1	2"	B-Line B2000 ZN Sch 40 Pipe Clamp		0" - 0"	0" - 0"	0" - 0"
30	1	1.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				
31	1	0.5"	B-Line B2000 ZN Sch 40 Pipe Clamp				

JOB: WASH U NRB

TICKET: PP-L00-035

Drawn By: Author

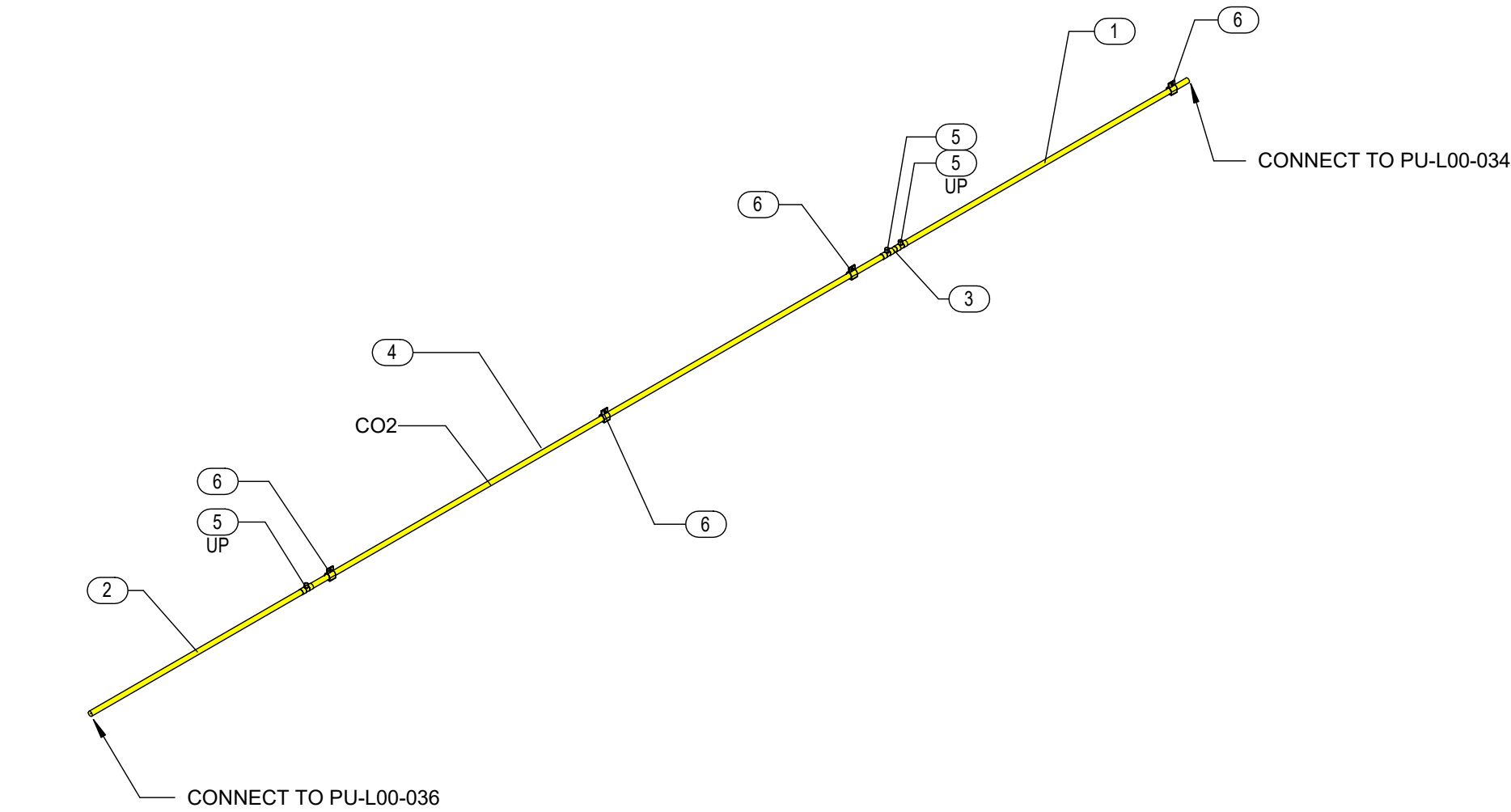
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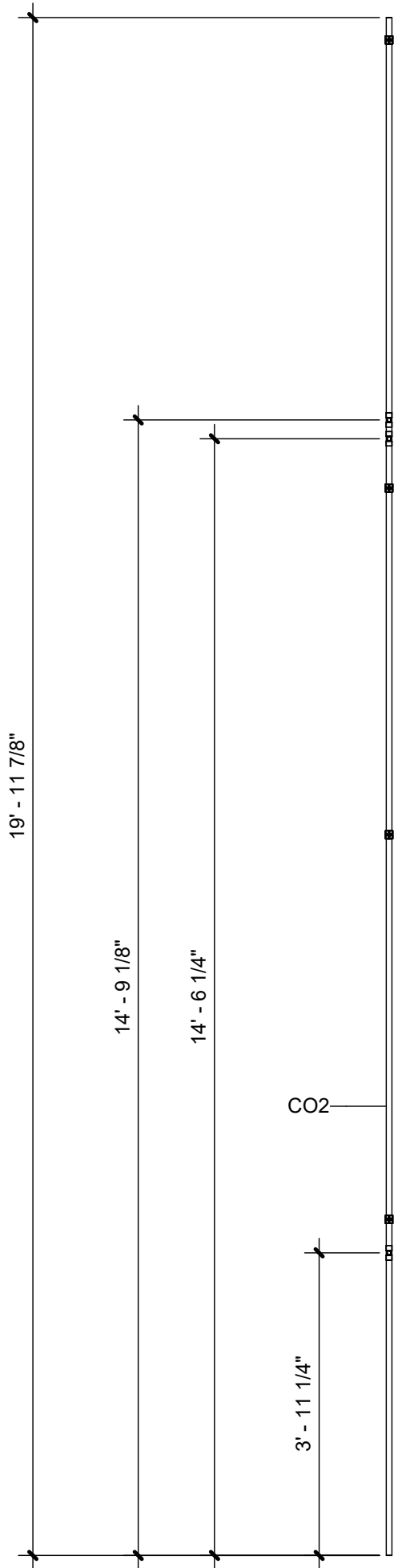
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5/5/2021 2:30:59 PM

Mark	Qty	Size	Description	Length	Strut Width	Rod 1 Length	Rod 2 Length
1	1	3/4"	Cerro Type L Hard Copper - CFOS	5'-2 3/8"			
2	1	3/4"	Cerro Type L Hard Copper - CFOS	3'-10 13/16"			
3	1	3/4"	Cerro Type L Hard Copper - CFOS	0'-2 3/16"			
4	1	3/4"	Cerro Type L Hard Copper - CFOS	10'-6 1/4"			
5	3	3/4"x1/2"	Nibco 611R-CB CFOS Wrot Copper Reducing Tee				
6	4	0.63"	B-Line BVT Series Vibra-Clamp Strut-Mnt Tube - ZN				



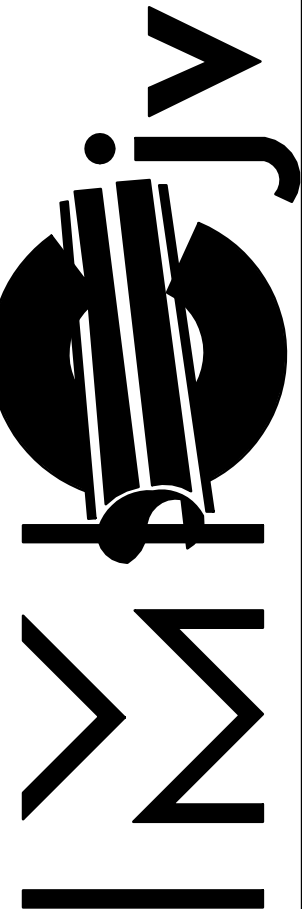
1 ISOMETRIC  
SCALE:



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

A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: PU-L00-035  
Drawn By: Author  
DATE: 05/04/21  
DATE REQ:



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