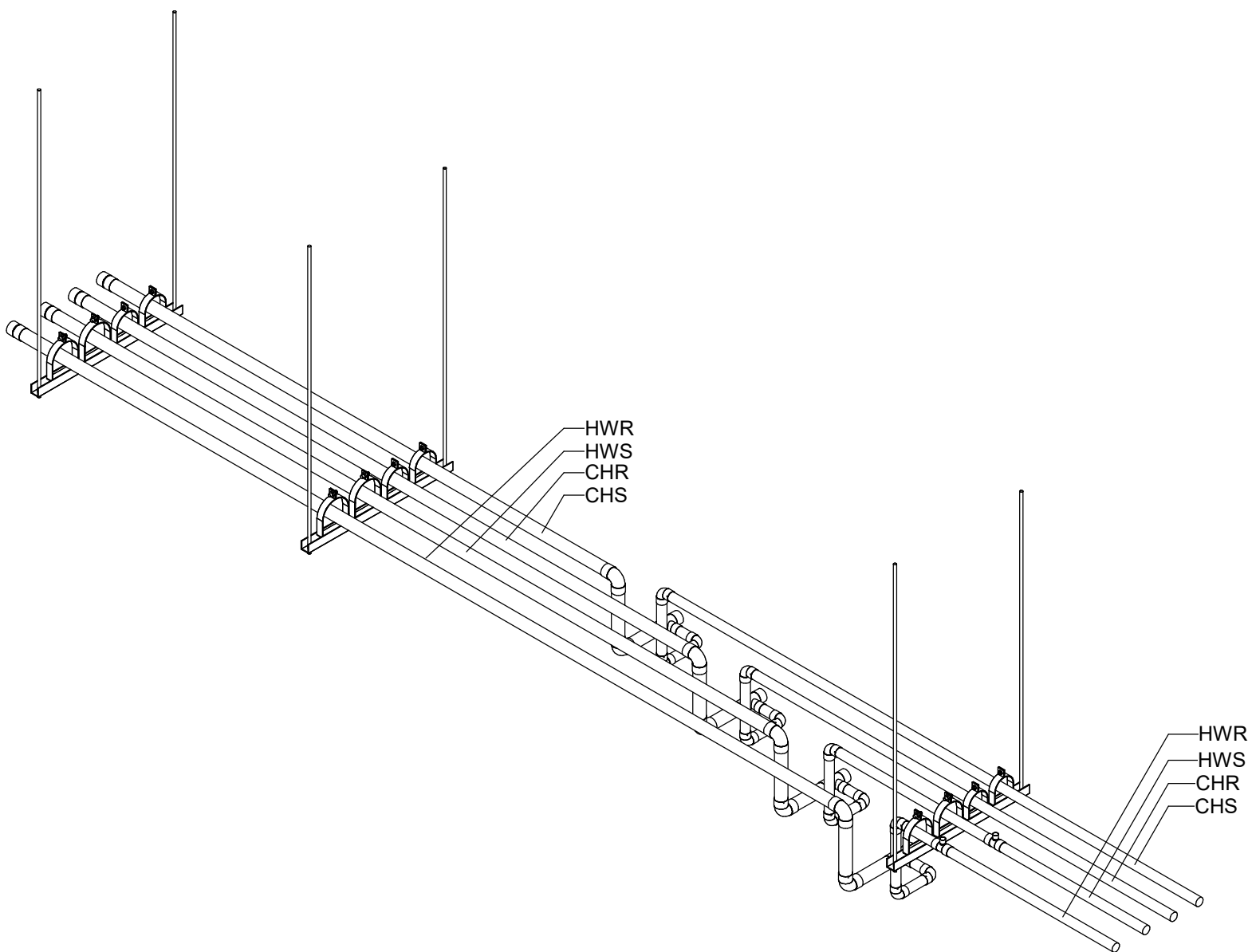
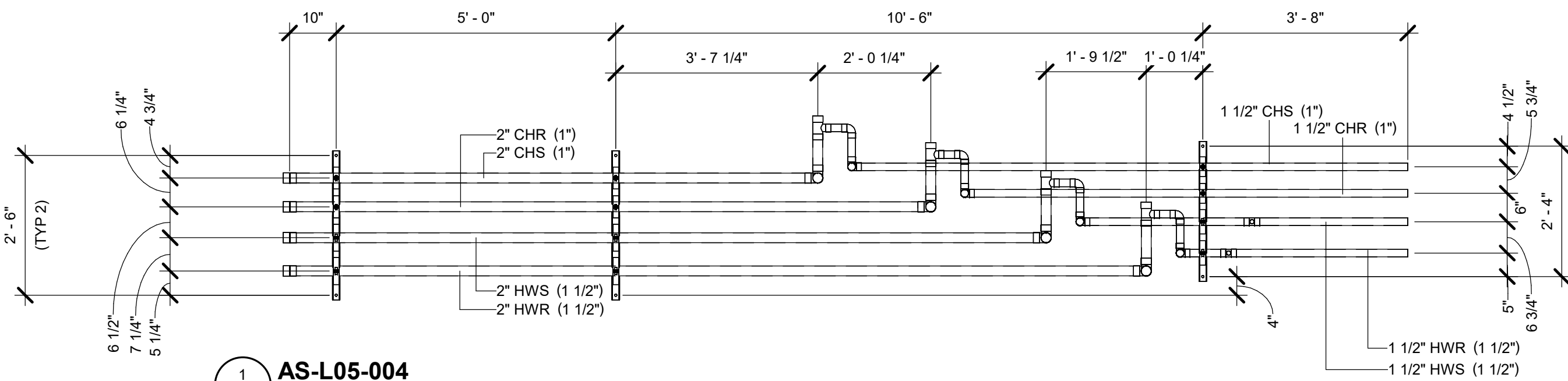


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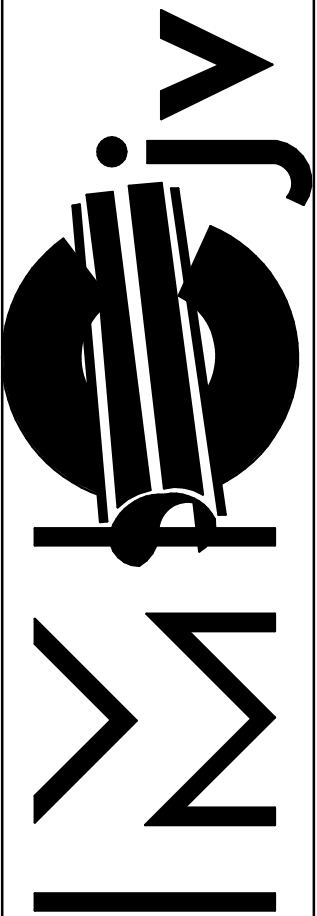


2 AS-L05-004  
SCALE:



1 AS-L05-004  
SCALE: 1/2" = 1'-0"

A1	A3	B1	B3
A2	A4	B2	B4



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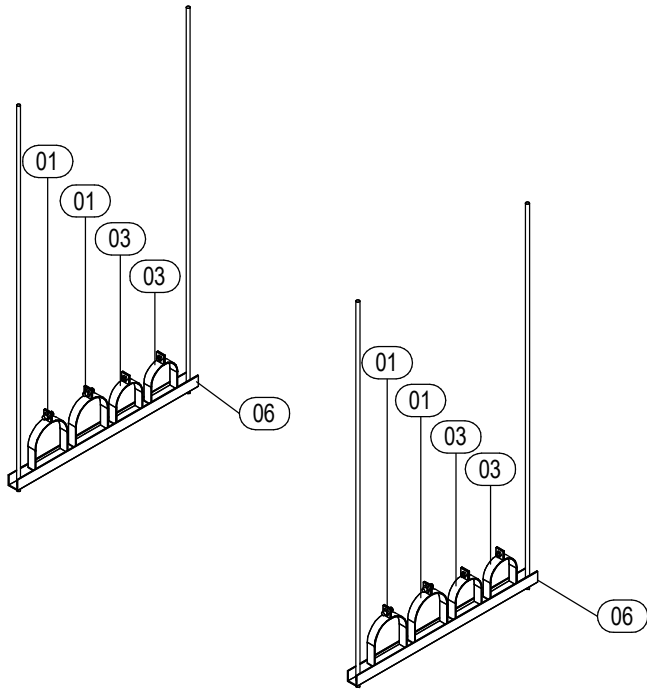
JOB: WASH U NRB

TICKET: AS-L05-004

Drawn By: Author

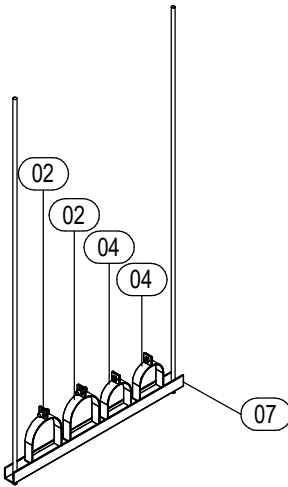
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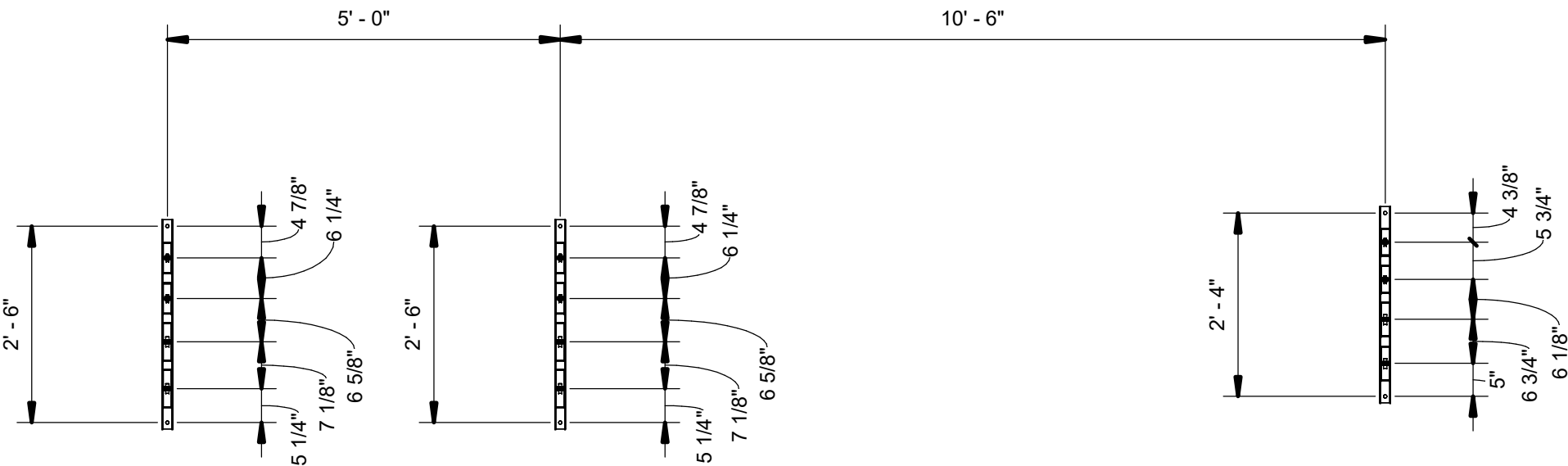


Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	4	5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
02	2	4.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
03	4	4"	B-Line B2000 ZN Sch 40 Pipe Clamp					
04	2	3.5"	B-Line B2000 ZN Sch 40 Pipe Clamp					
05	1	30"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut					
06	2	28"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut					
07	1	26"	B-Line 1-5/8 GRN 12GA 2in Slotted Unistrut					

01	4	5 1/8"	B-LINE #2062
02	2	4 5/8"	B-LINE #2058
03	4	4 1/8"	B-LINE #2054
04	2	3 5/8"	B-LINE #2050



1 ISOMETRIC



2 TOP VIEW

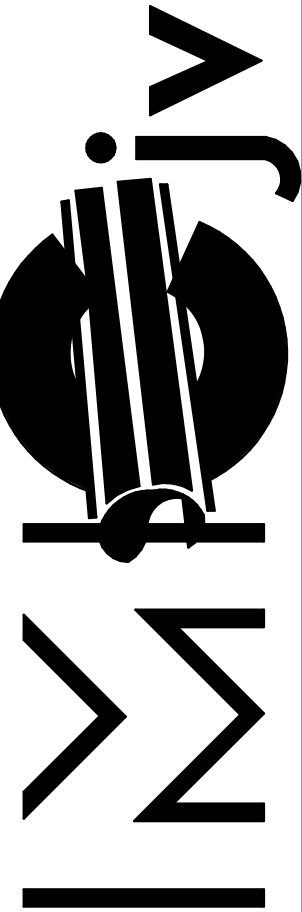
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A2	A4	B2	B4

JOB: WASH U NRB

TICKET: HPHGR-L05-004

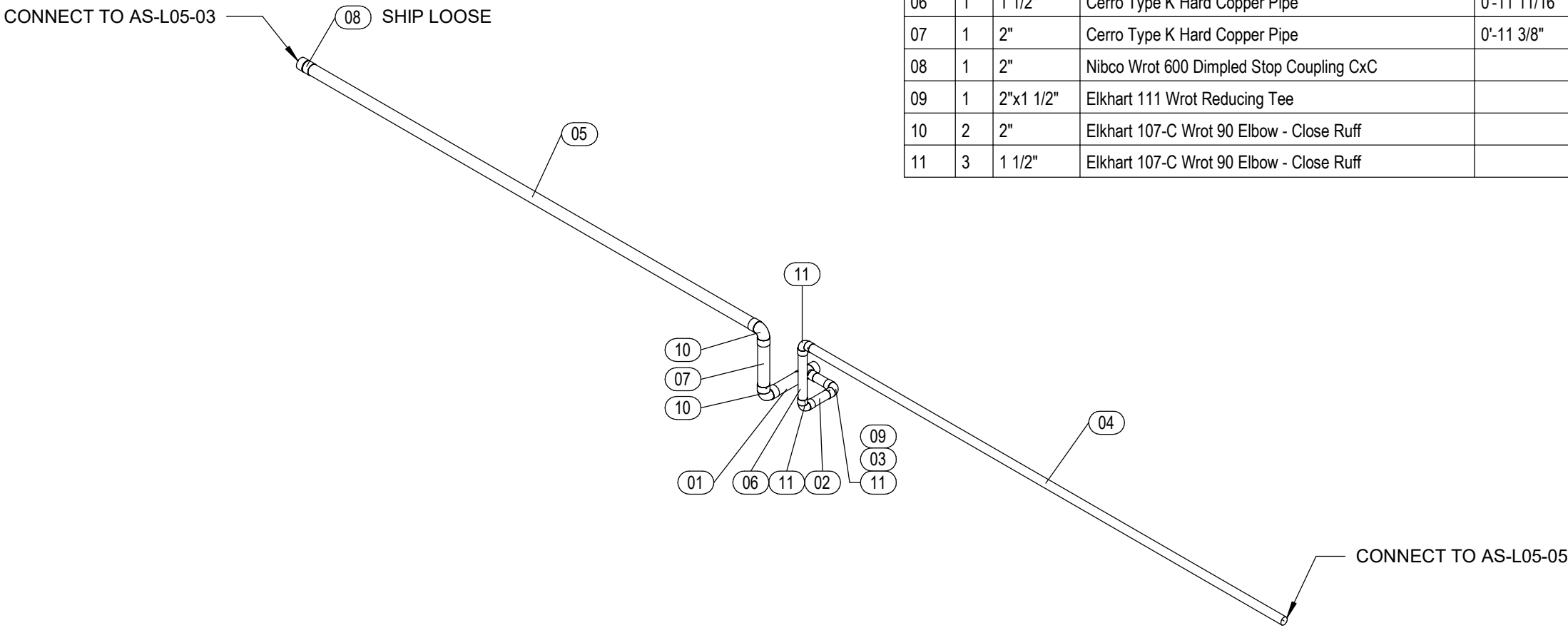
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DATE: 10/21/21 DATE REQ:



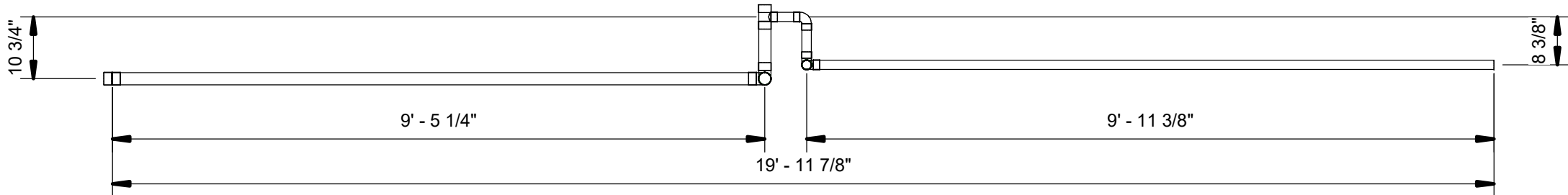
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St. Louis, Mo 63132-2303  
314-997-6600 phone

BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
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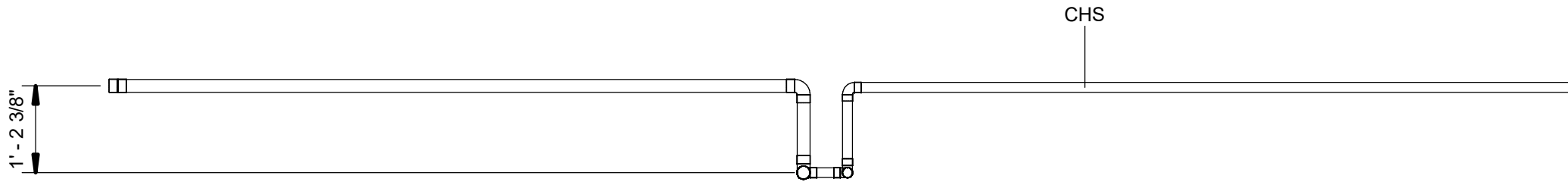


Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	0'-8 1/2"				1"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-6"				1"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-5"				1"
04	1	1 1/2"	Cerro Type K Hard Copper Pipe	9'-10 3/16"				1"
05	1	2"	Cerro Type K Hard Copper Pipe	9'-3 13/16"				1"
06	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-11 11/16"				1"
07	1	2"	Cerro Type K Hard Copper Pipe	0'-11 3/8"				1"
08	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
09	1	2"x1 1/2"	Elkhart 111 Wrot Reducing Tee					1"
10	2	2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1"
11	3	1 1/2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1"

1 ISOMETRIC



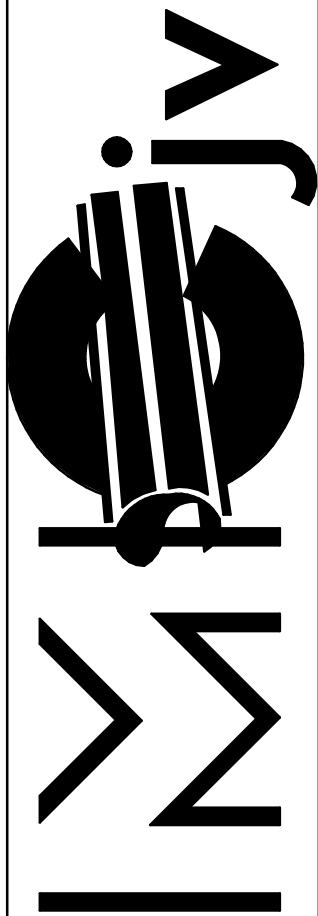
2 TOP VIEW



3 LEFT ELEVATION

A1	A3	B1	B3
A2	A4	B2	B4

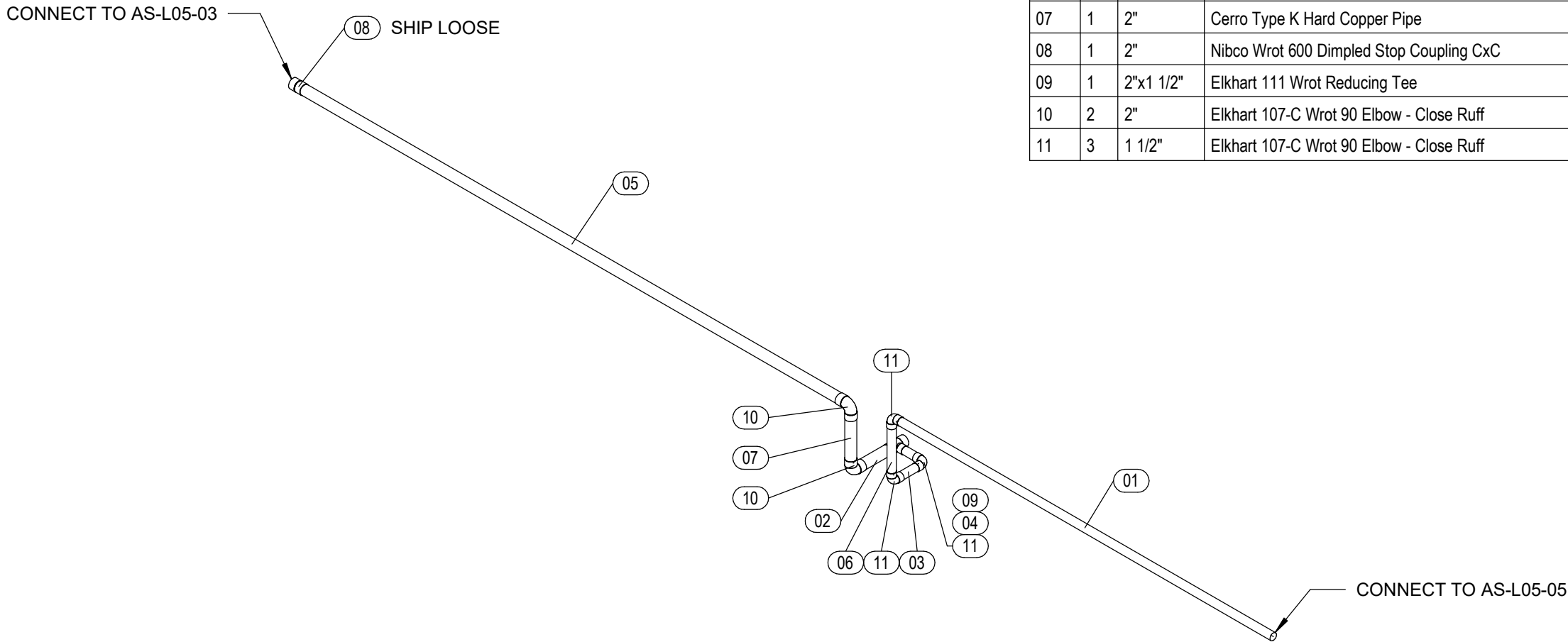
JOB: WASH U NRB  
TICKET: CHS-L05-004  
Drawn By: Author  
DATE: 10/21/21  
DATE REQ:



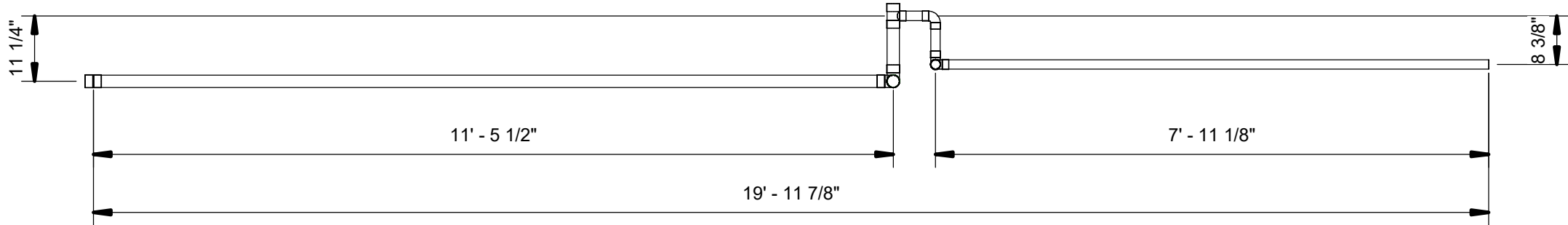
1233 N. Price Rd.  
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BIM 360://WUSM NRBWUSM\_RB\_HPF.rvt  
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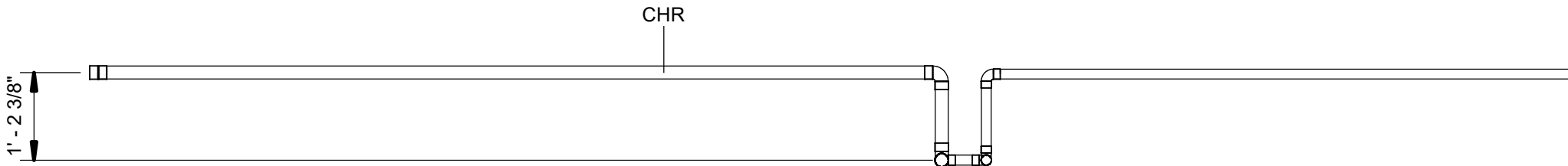
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	1 1/2"	Cerro Type K Hard Copper Pipe	7'-9 15/16"				1"
02	1	2"	Cerro Type K Hard Copper Pipe	0'-9"				1"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-6"				1"
04	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-5"				1"
05	1	2"	Cerro Type K Hard Copper Pipe	11'-4 1/16"				1"
06	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-11 3/4"				1"
07	1	2"	Cerro Type K Hard Copper Pipe	0'-11 3/8"				1"
08	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1"
09	1	2"x1 1/2"	Elkhart 111 Wrot Reducing Tee					1"
10	2	2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1"
11	3	1 1/2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1"



1 ISOMETRIC



2 TOP VIEW



3 LEFT ELEVATION

A1	A3	B1	B3
A2	A4	B2	B4

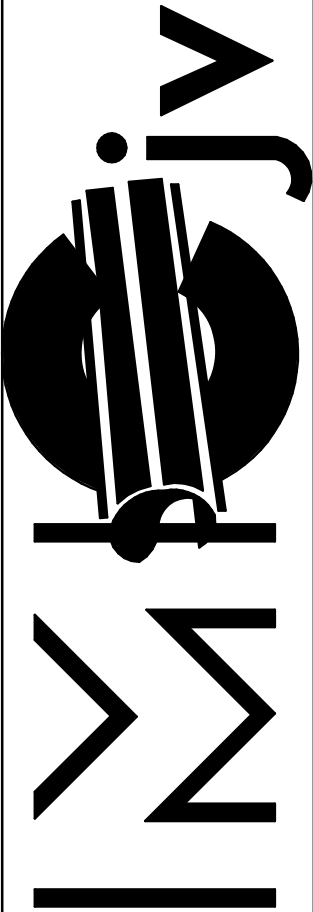
JOB: WASH U NRB

TICKET: CHR-L05-004

Drawn By: Author

DATE: 10/21/21

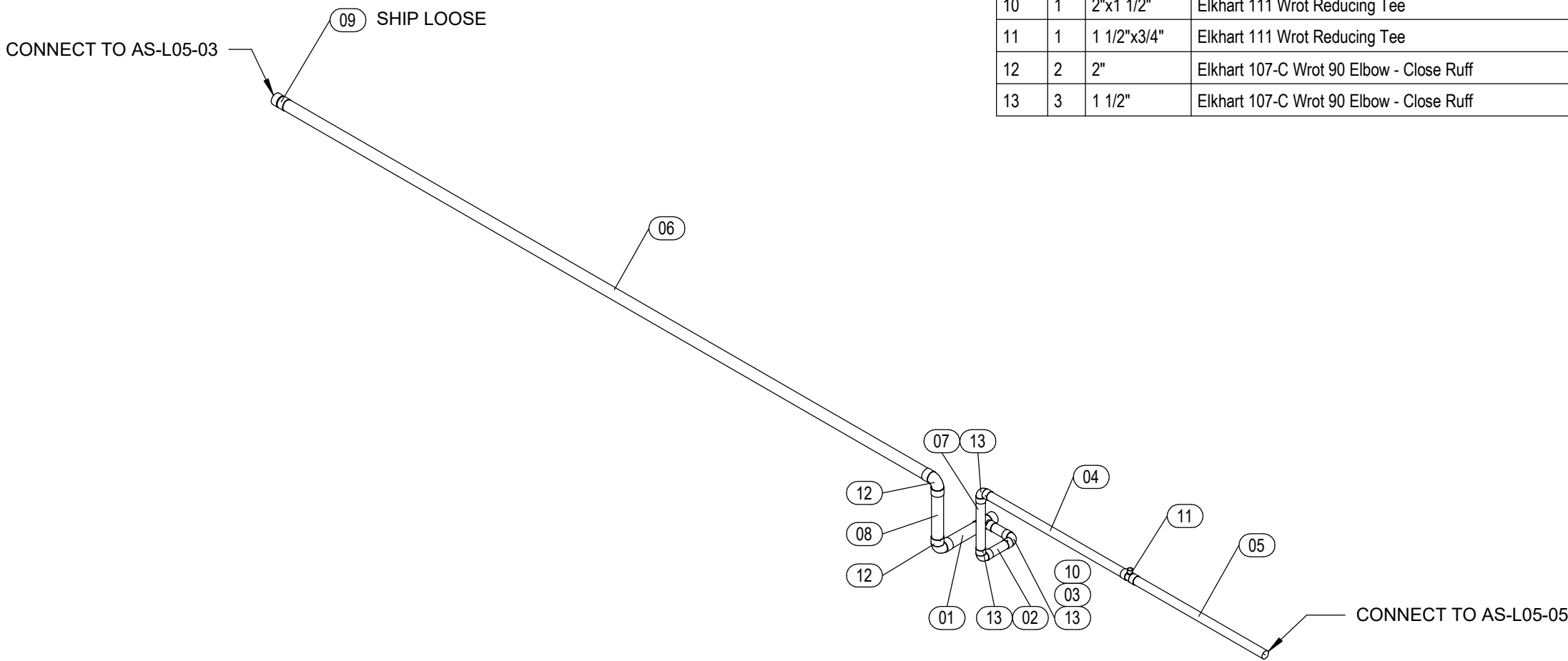
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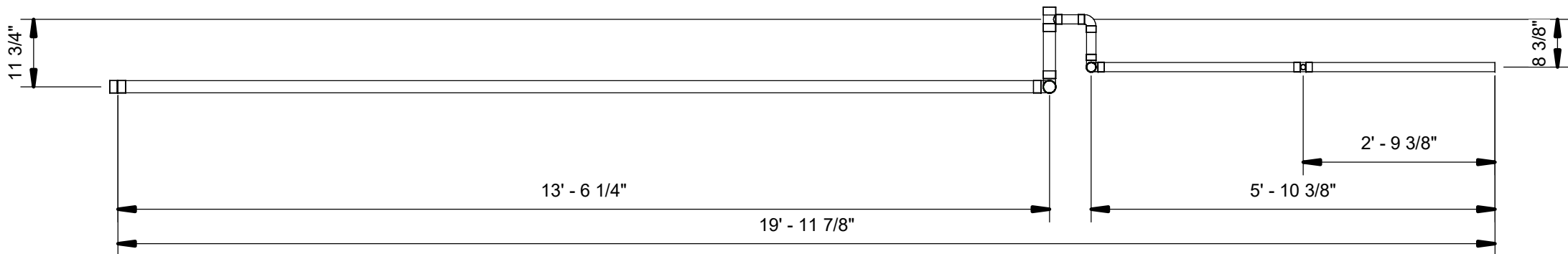
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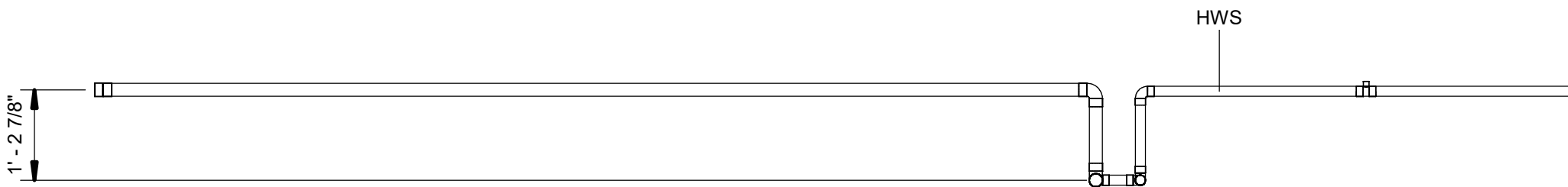
Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	0'-9 9/16"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-6"				1 1/2"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-5"				1 1/2"
04	1	1 1/2"	Cerro Type K Hard Copper Pipe	2'-11 1/4"				1 1/2"
05	1	1 1/2"	Cerro Type K Hard Copper Pipe	2'-8 15/16"				1 1/2"
06	1	2"	Cerro Type K Hard Copper Pipe	13'-4 13/16"				1 1/2"
07	1	1 1/2"	Cerro Type K Hard Copper Pipe	1'-0 1/4"				1 1/2"
08	1	2"	Cerro Type K Hard Copper Pipe	0'-11 7/8"				1 1/2"
09	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"
10	1	2"x1 1/2"	Elkhart 111 Wrot Reducing Tee					1 1/2"
11	1	1 1/2"x3/4"	Elkhart 111 Wrot Reducing Tee					1 1/2"
12	2	2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1 1/2"
13	3	1 1/2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1 1/2"



1 ISOMETRIC



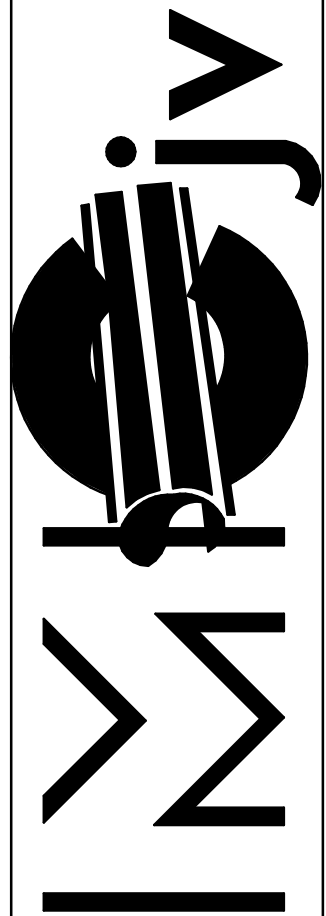
2 TOP VIEW



3 LEFT ELEVATION

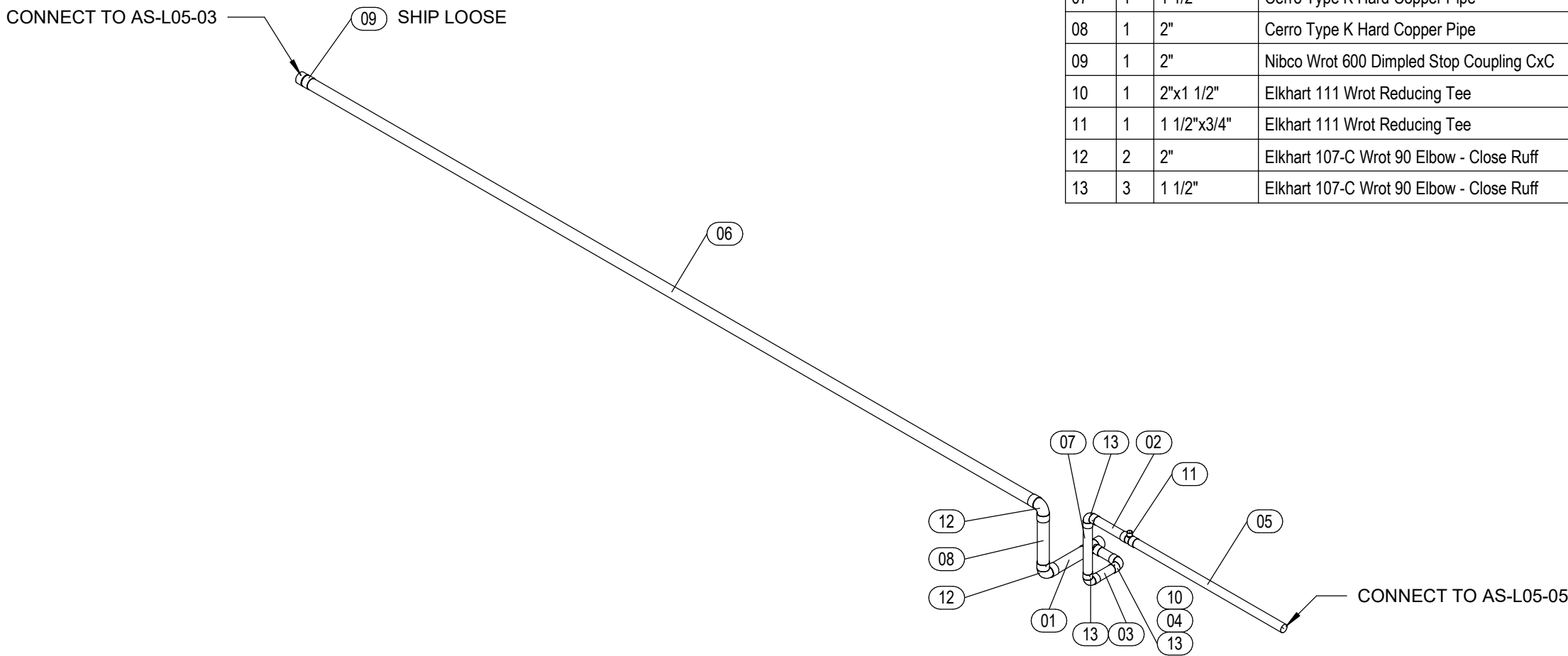
A1	A3	B1	B3
A2	A4	B2	B4

JOB: WASH U NRB  
TICKET: HWS-L05-004  
Drawn By: Author  
DATE: 10/21/21  
DATE REQ:



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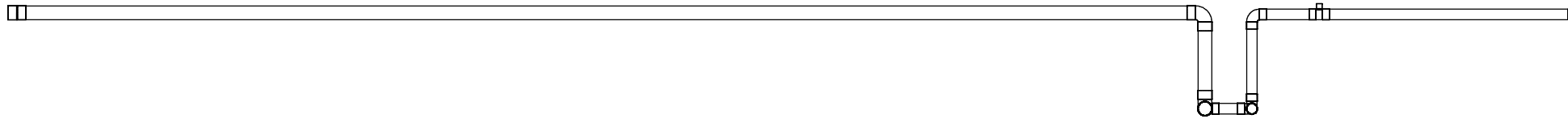


Mark	Qty	Size	Description	Length	Strut Width	Rob 1	Rob 2	Insulation
01	1	2"	Cerro Type K Hard Copper Pipe	0'-9 15/16"				1 1/2"
02	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-8 11/16"				1 1/2"
03	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-6"				1 1/2"
04	1	1 1/2"	Cerro Type K Hard Copper Pipe	0'-5"				1 1/2"
05	1	1 1/2"	Cerro Type K Hard Copper Pipe	3'-2"				1 1/2"
06	1	2"	Cerro Type K Hard Copper Pipe	15'-2 5/16"				1 1/2"
07	1	1 1/2"	Cerro Type K Hard Copper Pipe	1'-0 3/16"				1 1/2"
08	1	2"	Cerro Type K Hard Copper Pipe	0'-11 7/8"				1 1/2"
09	1	2"	Nibco Wrot 600 Dimpled Stop Coupling CxC					1 1/2"
10	1	2"x1 1/2"	Elkhart 111 Wrot Reducing Tee					1 1/2"
11	1	1 1/2"x3/4"	Elkhart 111 Wrot Reducing Tee					1 1/2"
12	2	2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1 1/2"
13	3	1 1/2"	Elkhart 107-C Wrot 90 Elbow - Close Ruff					1 1/2"

1 ISOMETRIC



2 TOP VIEW



3 LEFT ELEVATION

A1	A3	B1	B3
A2	A4	B2	B4

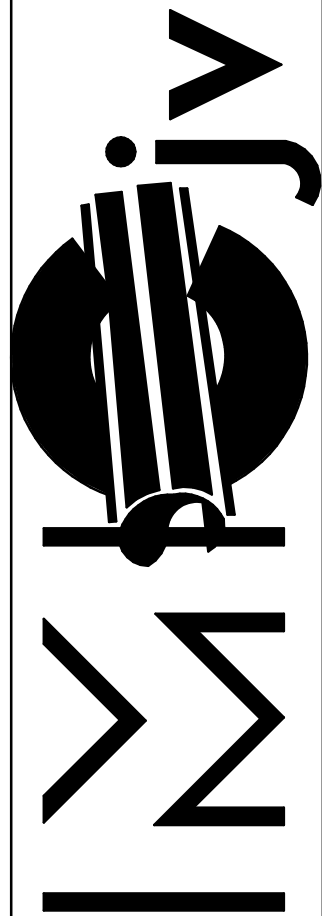
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TICKET: HWR-L05-004

Drawn By: Author

DATE: 10/21/21

DATE REQ:



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