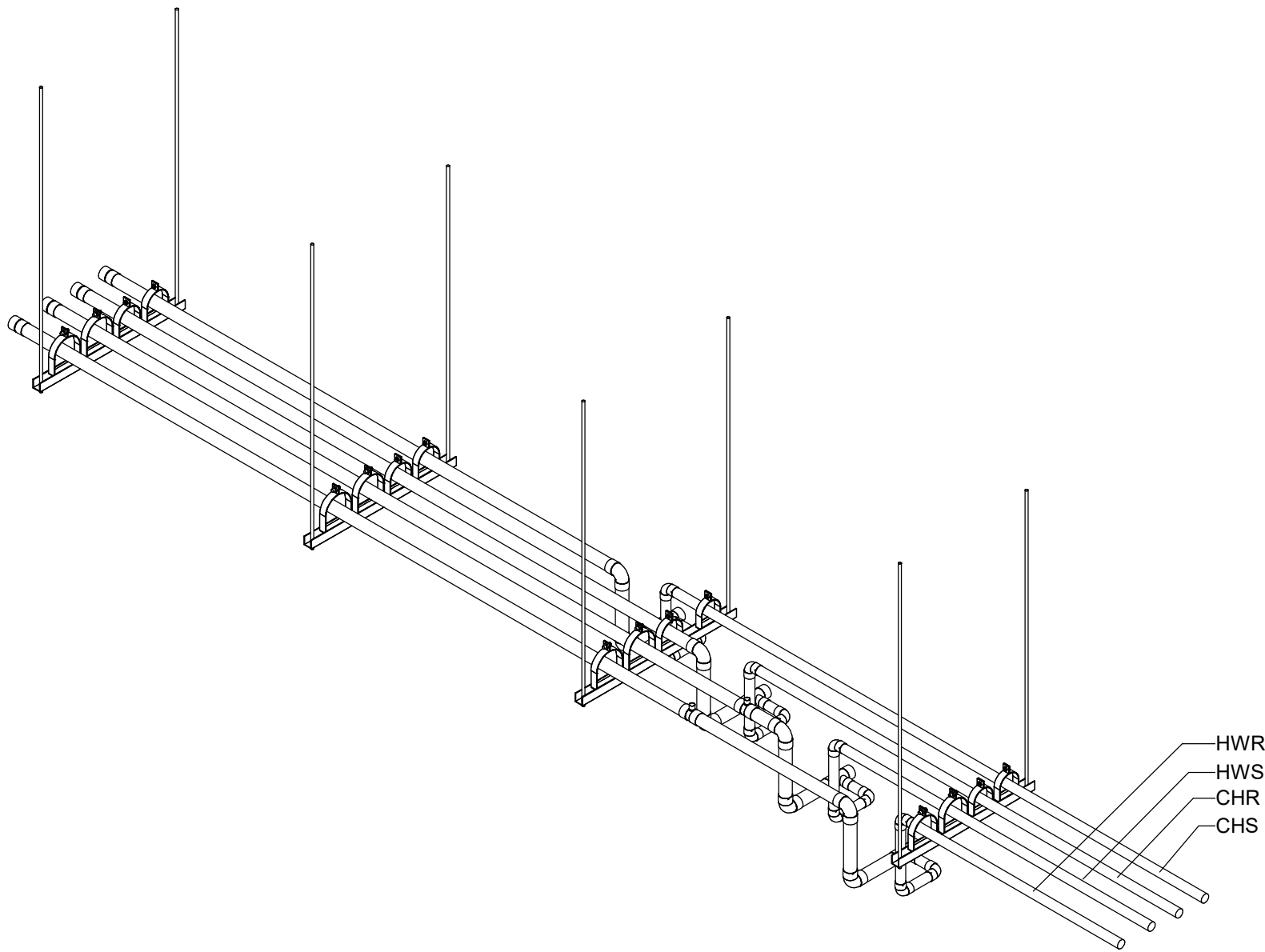
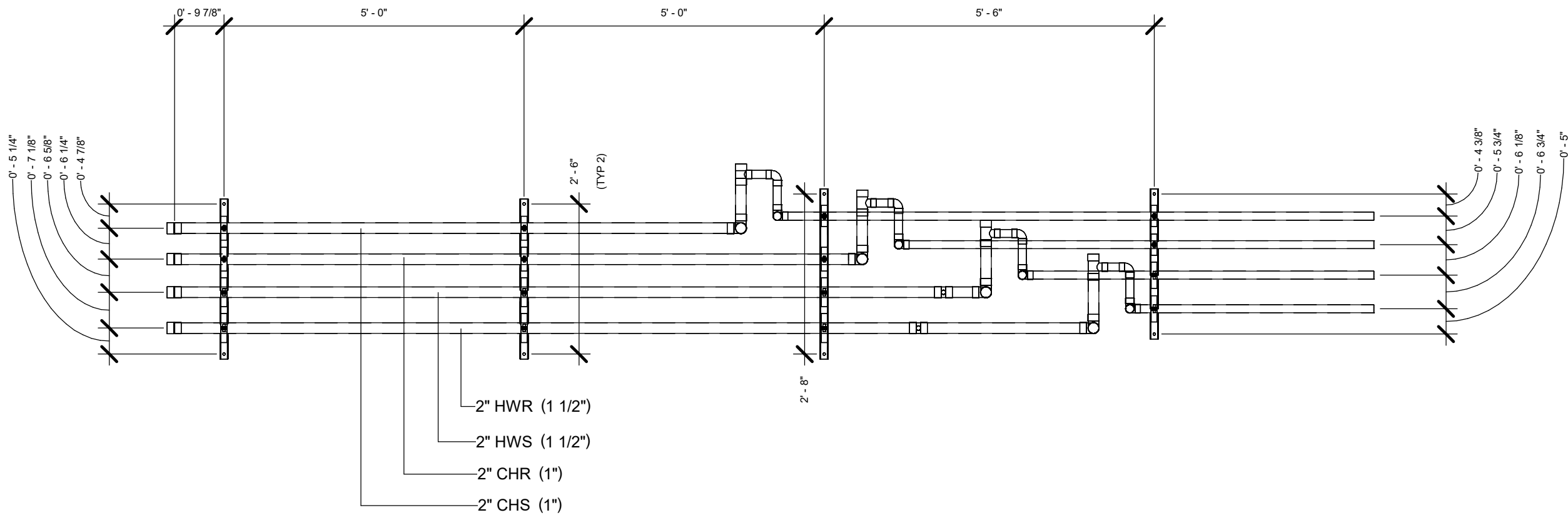


BIM 360//WUSM NRBWUSM_RB_SPOOLING MASTER.rvt
10/5/2021 10:12:41 AM



2 AS-L04-004 - ISOMETRIC
AS-L04-004 SCALE:



1 AS-L04-004
AS-L04-004 SCALE: 1/2" = 1'-0"

| | | | |
|----|----|----|----|
| A1 | A3 | B1 | B3 |
| A2 | A4 | B2 | B4 |



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JOB: WASH U NRB

TICKET: AS-L04-004

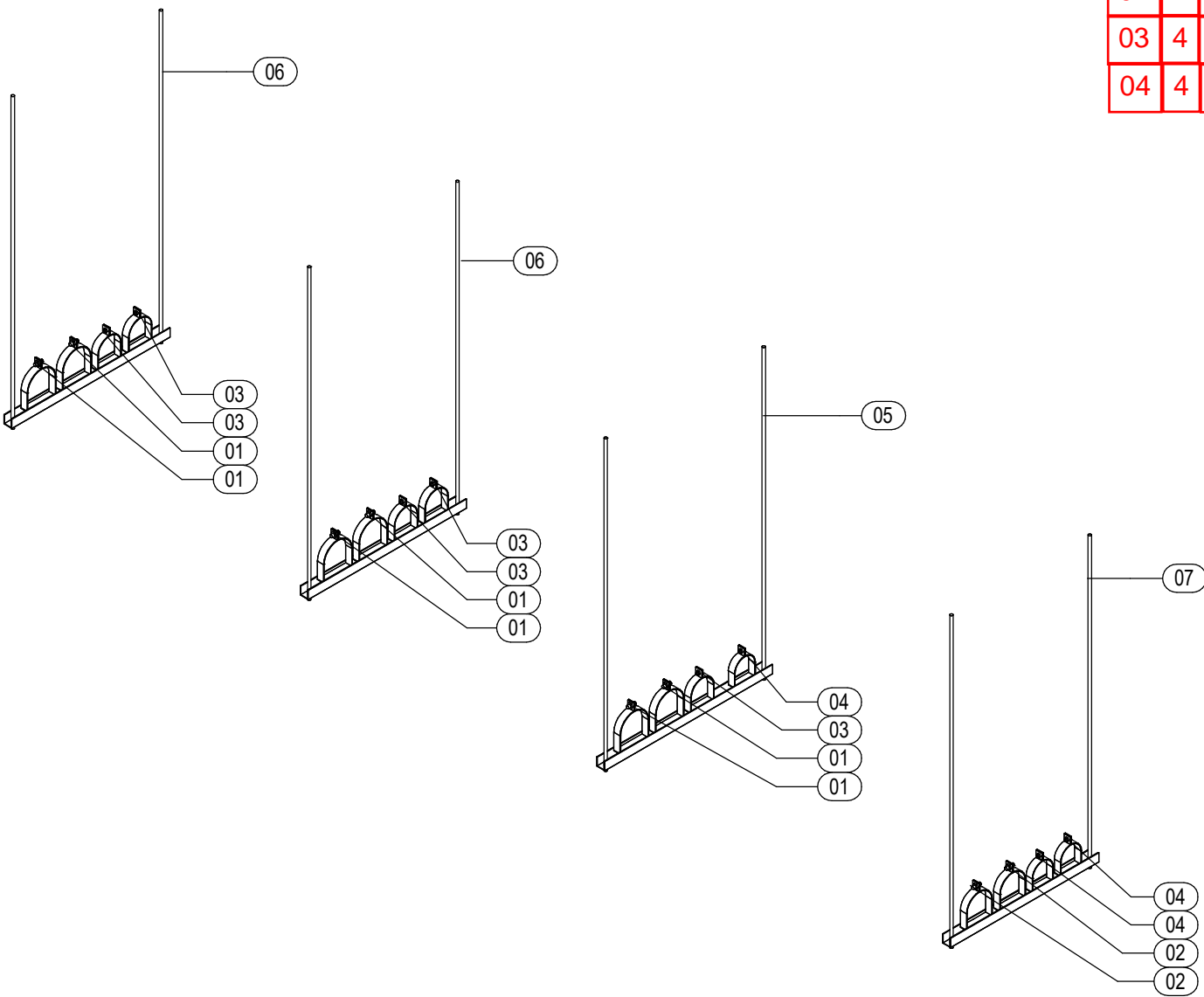
Drawn By: Author

DATE: 10/01/21 DATE REQ:

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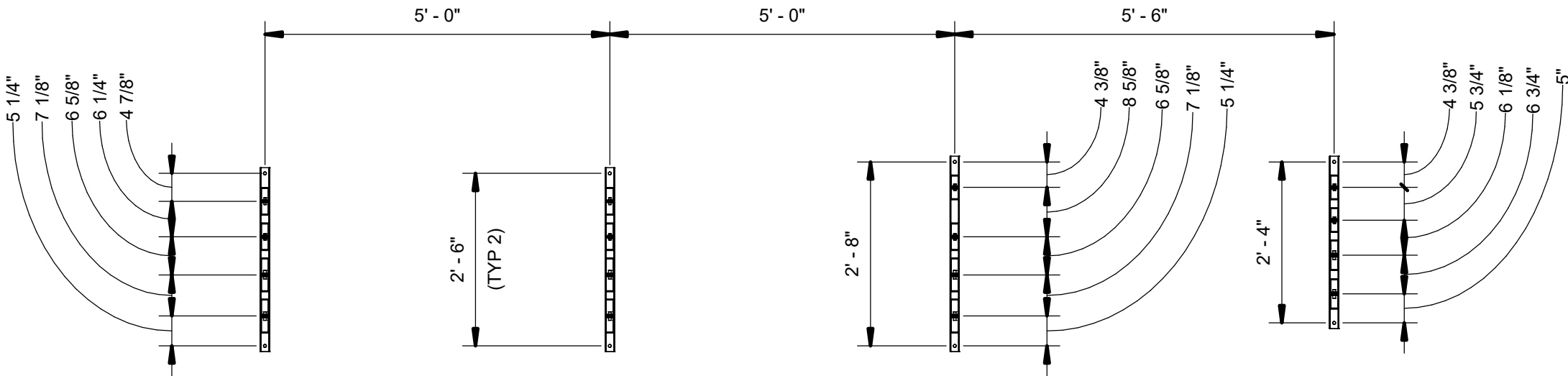
| Mark | Qty | Size | Description | Length | Strut Width | Rob 1 | Rob 2 | Insulation |
|------|-----|------|--|--------|-------------|---------------|---------------|------------|
| 01 | 6 | 5" | B-Line B2000 ZN Sch 40 Pipe Clamp | | | | | |
| 02 | 2 | 4.5" | B-Line B2000 ZN Sch 40 Pipe Clamp | | | | | |
| 03 | 5 | 4" | B-Line B2000 ZN Sch 40 Pipe Clamp | | | | | |
| 04 | 3 | 3.5" | B-Line B2000 ZN Sch 40 Pipe Clamp | | | | | |
| 05 | 1 | 30" | B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut | | 2' - 10" | 4' - 10 5/16" | 4' - 10 5/16" | |
| 06 | 2 | 28" | B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut | | 2' - 8" | 4' - 10 5/16" | 4' - 10 5/16" | |
| 07 | 1 | 26" | B-Line 1-5/8 GLV 12GA 2in Slotted Unistrut | | 2' - 6" | 4' - 10 5/16" | 4' - 10 5/16" | |

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



1 ISOMETRIC

SCALE:



2 TOP VIEW

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

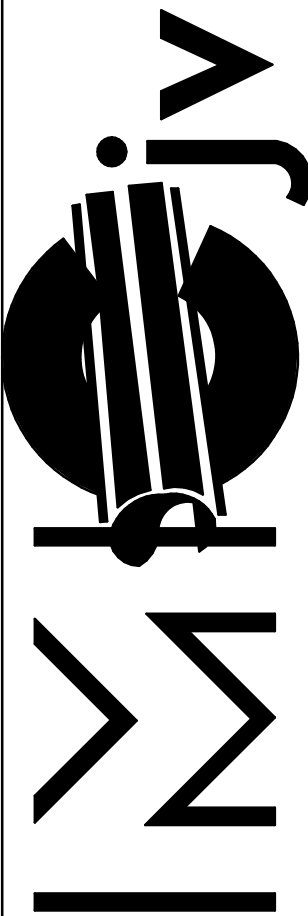
| | | | |
|----|----|----|----|
| A1 | A3 | B1 | B3 |
| A2 | A4 | B2 | B4 |

JOB: WASH U NRB

TICKET: HPHGR-L04-004

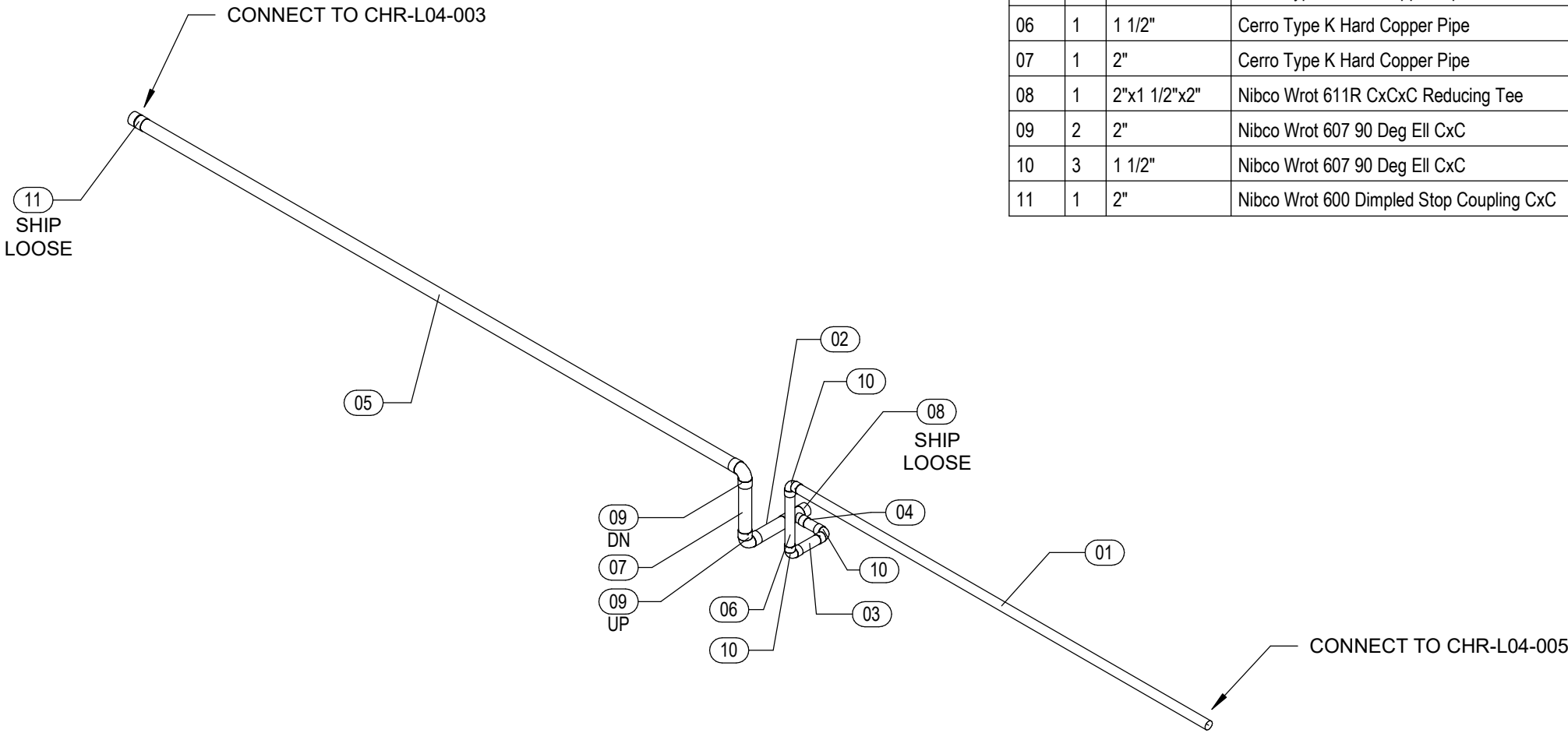
Drawn By: Author

DATE REQ: 09/30/21



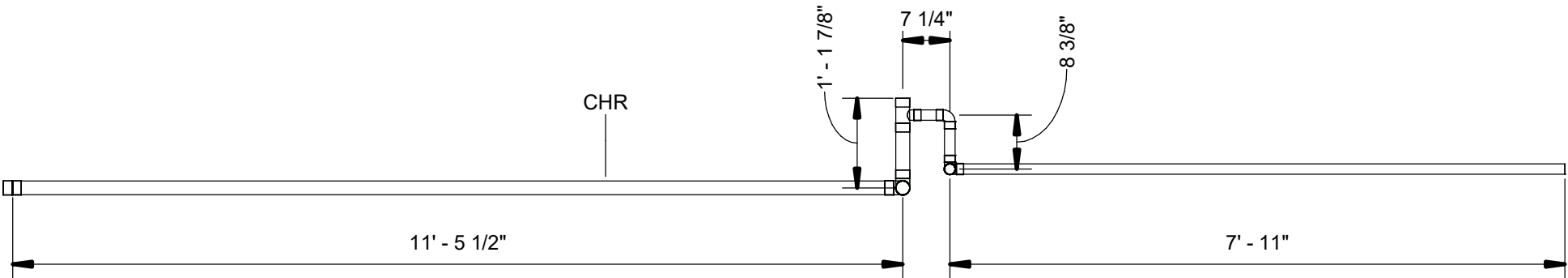
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10/6/2021 10:17:16 AM

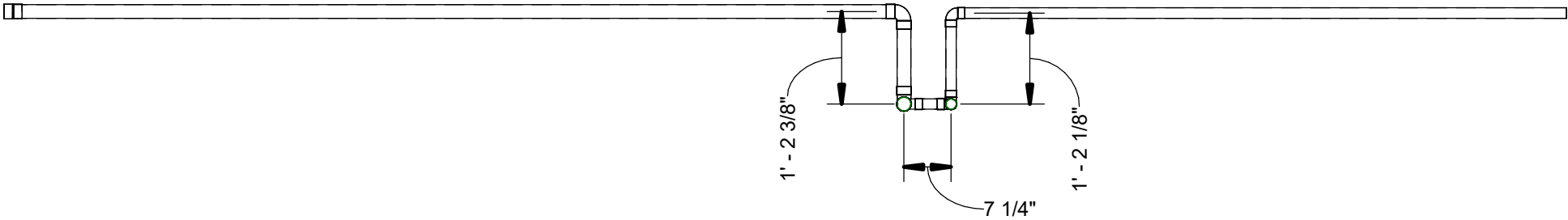


| Mark | Qty | Size | Description | Length | Strut Width | Rob 1 | Rob 2 | Insulation |
|------|-----|--------------|--|-------------|-------------|-------|-------|------------|
| 01 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 7'-10" | | | | 1" |
| 02 | 1 | 2" | Cerro Type K Hard Copper Pipe | 0'-8 9/16" | | | | 1" |
| 03 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 0'-6 1/4" | | | | 1" |
| 04 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 0'-4 1/2" | | | | 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 | 1'-0" | | | | 1" |
| 07 | 1 | 2" | Cerro Type K Hard Copper Pipe | 0'-11 1/2" | | | | 1" |
| 08 | 1 | 2"x1 1/2"x2" | Nibco Wrot 611R CxCxC Reducing Tee | | | | | 1" |
| 09 | 2 | 2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1" |
| 10 | 3 | 1 1/2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1" |
| 11 | 1 | 2" | Nibco Wrot 600 Dimpled Stop Coupling CxC | | | | | 1" |

1 ISOMETRIC
SCALE:



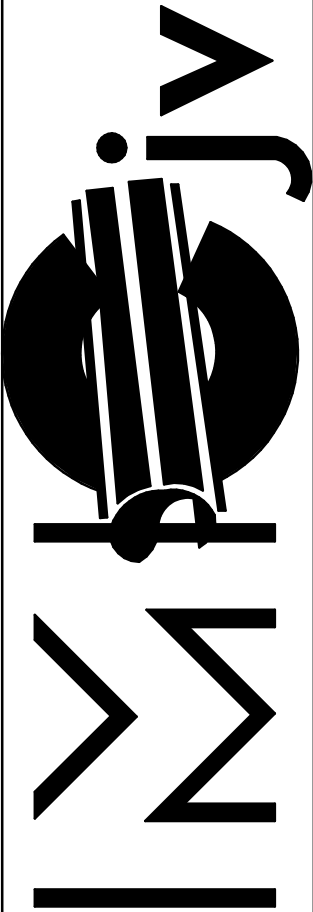
2 TOP VIEW
SCALE: 1/2" = 1'-0"



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

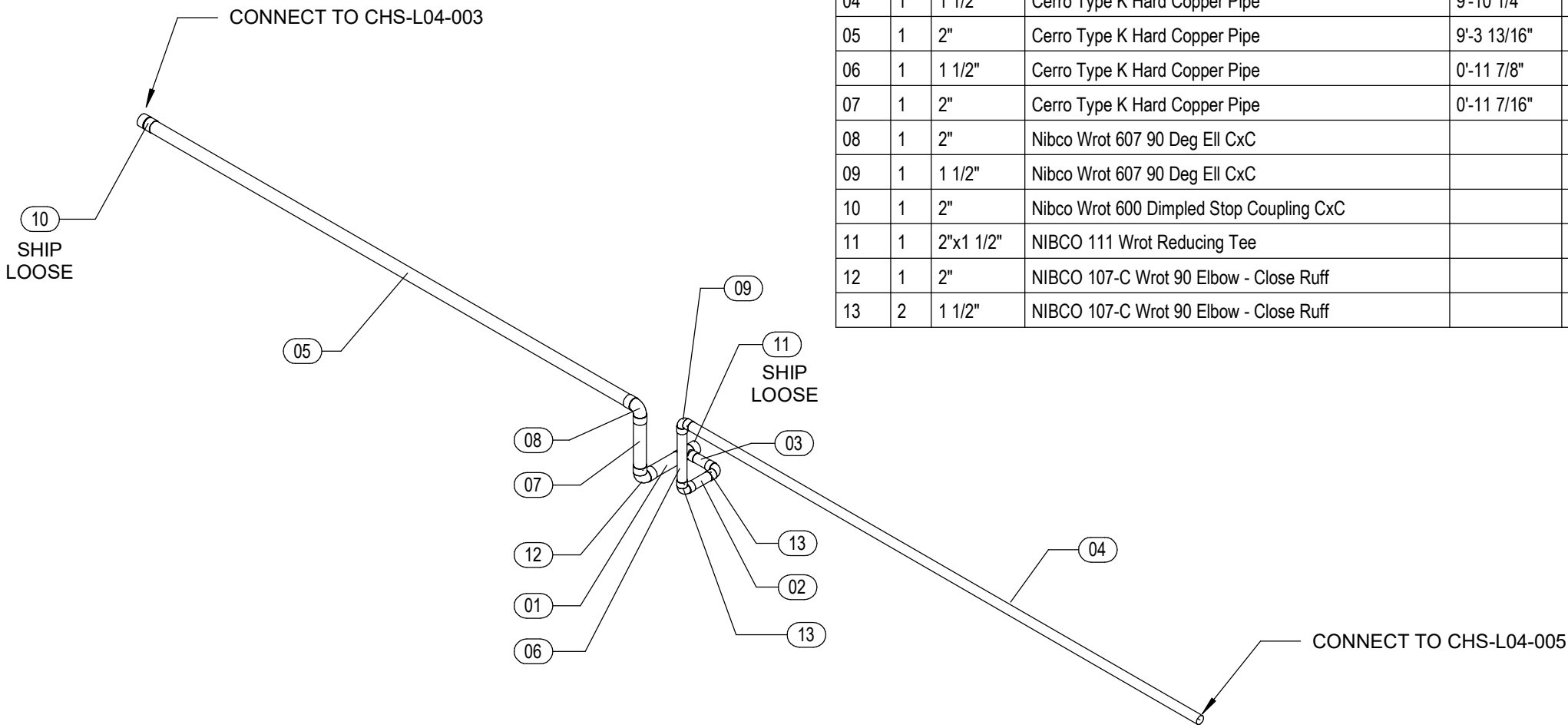
| | | | |
|----|----|----|----|
| A1 | A3 | B1 | B3 |
| A2 | A4 | B2 | B4 |

JOB: WASH U NRB
TICKET: CHR-L04-004
Drawn By: Author
DATE: 09/30/21



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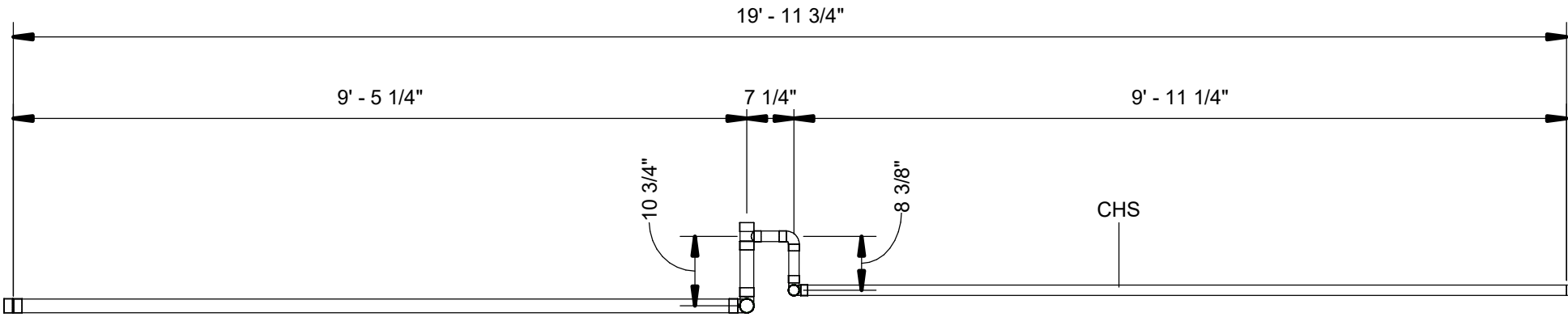
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10/6/2021 10:20:08 AM



| 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 1/4" | | | | 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 7/8" | | | | 1" |
| 07 | 1 | 2" | Cerro Type K Hard Copper Pipe | 0'-11 7/16" | | | | 1" |
| 08 | 1 | 2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1" |
| 09 | 1 | 1 1/2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1" |
| 10 | 1 | 2" | Nibco Wrot 600 Dimpled Stop Coupling CxC | | | | | 1" |
| 11 | 1 | 2"x1 1/2" | NIBCO 111 Wrot Reducing Tee | | | | | 1" |
| 12 | 1 | 2" | NIBCO 107-C Wrot 90 Elbow - Close Ruff | | | | | 1" |
| 13 | 2 | 1 1/2" | NIBCO 107-C Wrot 90 Elbow - Close Ruff | | | | | 1" |

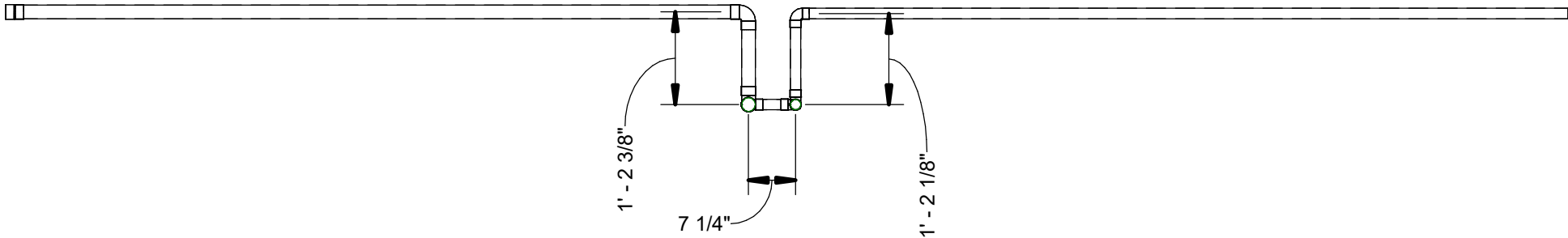
1 ISOMETRIC

SCALE:



2 TOP VIEW

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

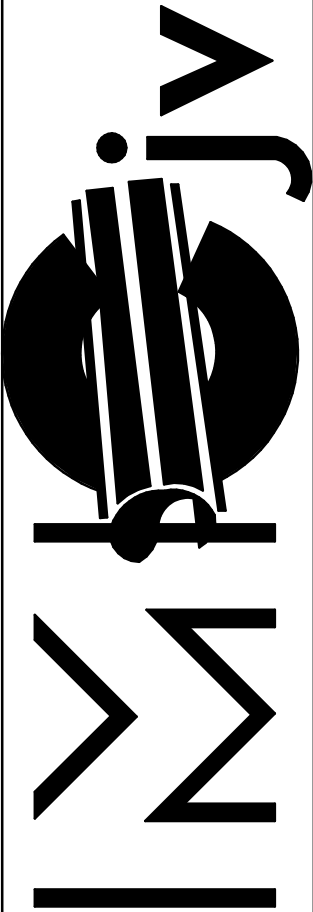


3 FRONT ELEVATION

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

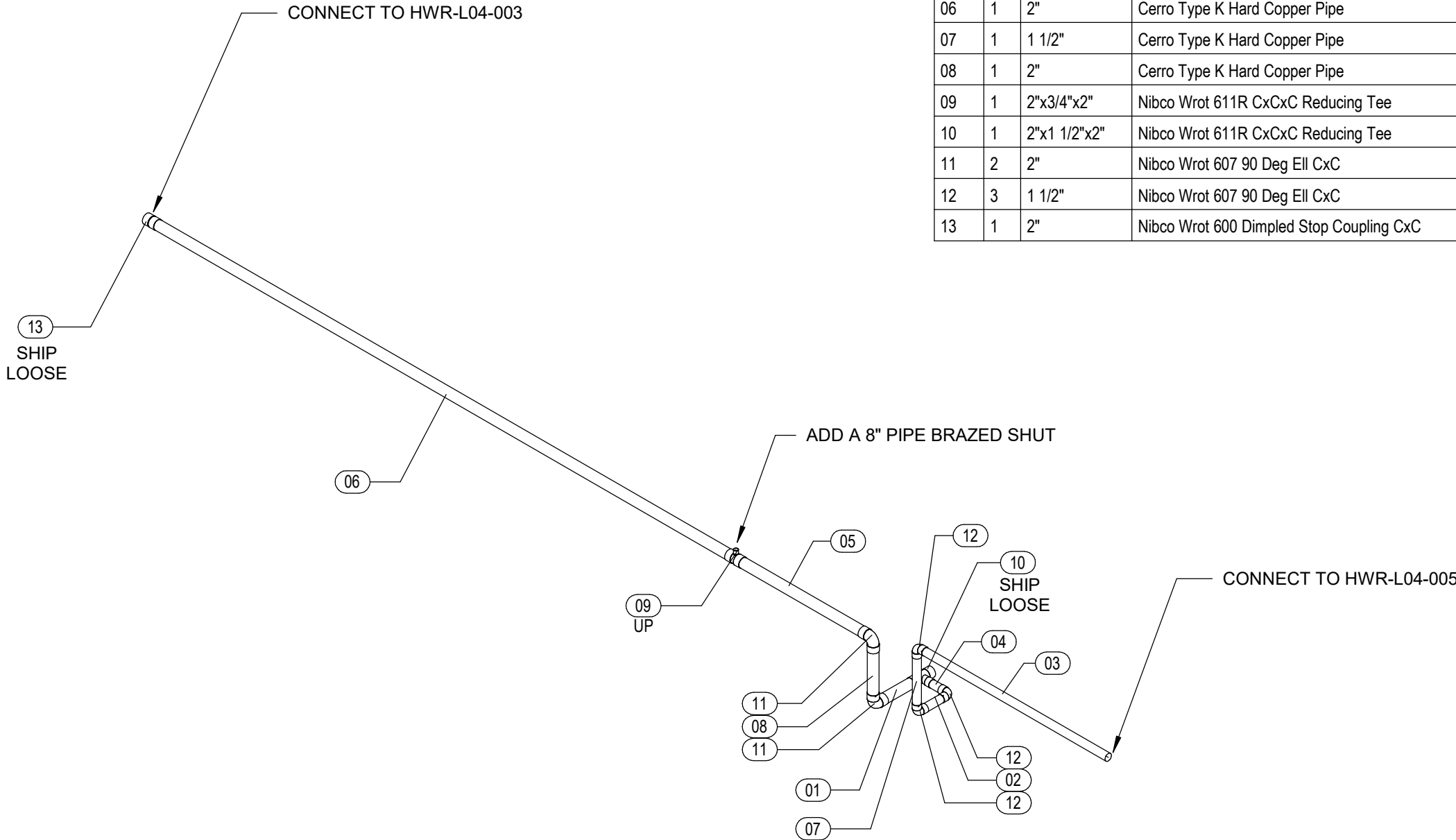
| | | | |
|----|----|----|----|
| A1 | A3 | B1 | B3 |
| A2 | A4 | B2 | B4 |

JOB: WASH U NRB
TICKET: CHS-L04-004
Drawn By: Author
DATE: 09/30/21



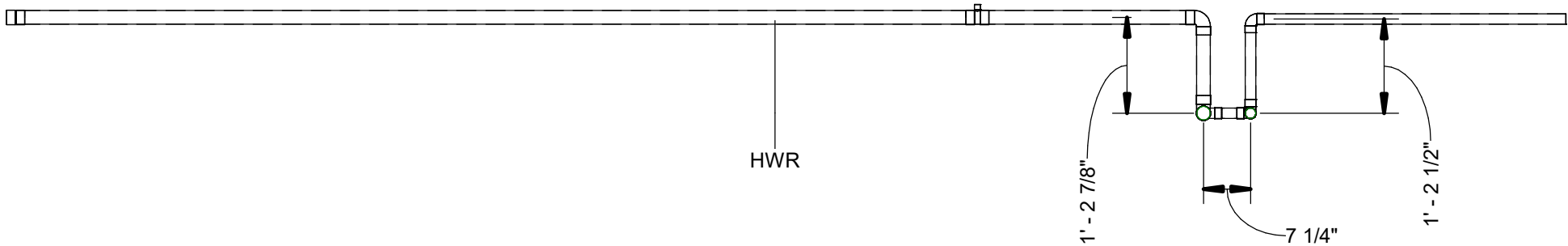
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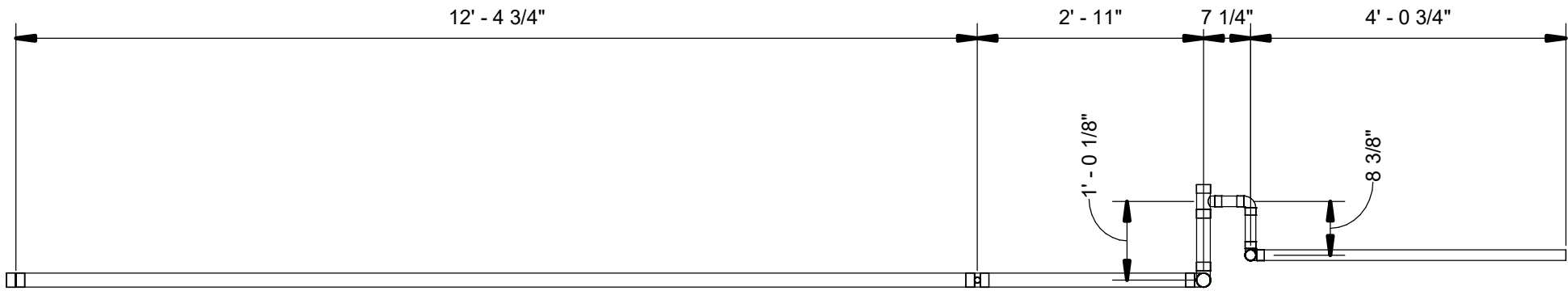


| Mark | Qty | Size | Description | Length | Strut Width | Rob 1 | Rob 2 | Insulation |
|------|-----|--------------|--|------------|-------------|-------|-------|------------|
| 01 | 1 | 2" | Cerro Type K Hard Copper Pipe | 0'-9 1/2" | | | | 1 1/2" |
| 02 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 0'-6 1/4" | | | | 1 1/2" |
| 03 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 3'-11 3/4" | | | | 1 1/2" |
| 04 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 0'-4 1/2" | | | | 1 1/2" |
| 05 | 1 | 2" | Cerro Type K Hard Copper Pipe | 2'-9 1/8" | | | | 1 1/2" |
| 06 | 1 | 2" | Cerro Type K Hard Copper Pipe | 12'-4 1/4" | | | | 1 1/2" |
| 07 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 1'-0 1/2" | | | | 1 1/2" |
| 08 | 1 | 2" | Cerro Type K Hard Copper Pipe | 1'-0" | | | | 1 1/2" |
| 09 | 1 | 2"x3/4"x2" | Nibco Wrot 611R CxCxC Reducing Tee | | | | | 1 1/2" |
| 10 | 1 | 2"x1 1/2"x2" | Nibco Wrot 611R CxCxC Reducing Tee | | | | | 1 1/2" |
| 11 | 2 | 2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1 1/2" |
| 12 | 3 | 1 1/2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1 1/2" |
| 13 | 1 | 2" | Nibco Wrot 600 Dimpled Stop Coupling CxC | | | | | 1 1/2" |

1 ISOMETRIC
SCALE:



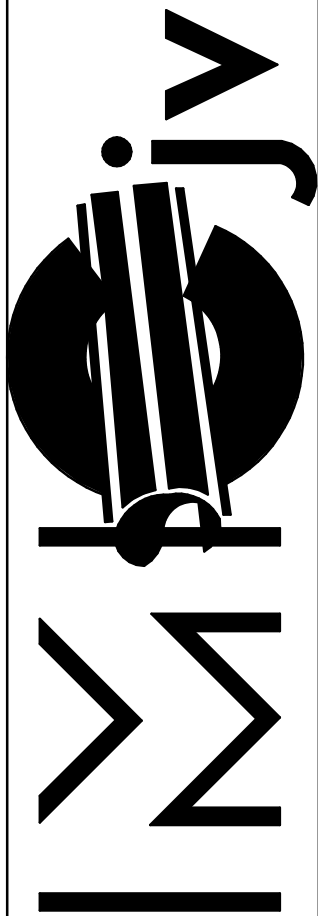
2 FRONT ELEVATION
SCALE: 1/2" = 1'-0"



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

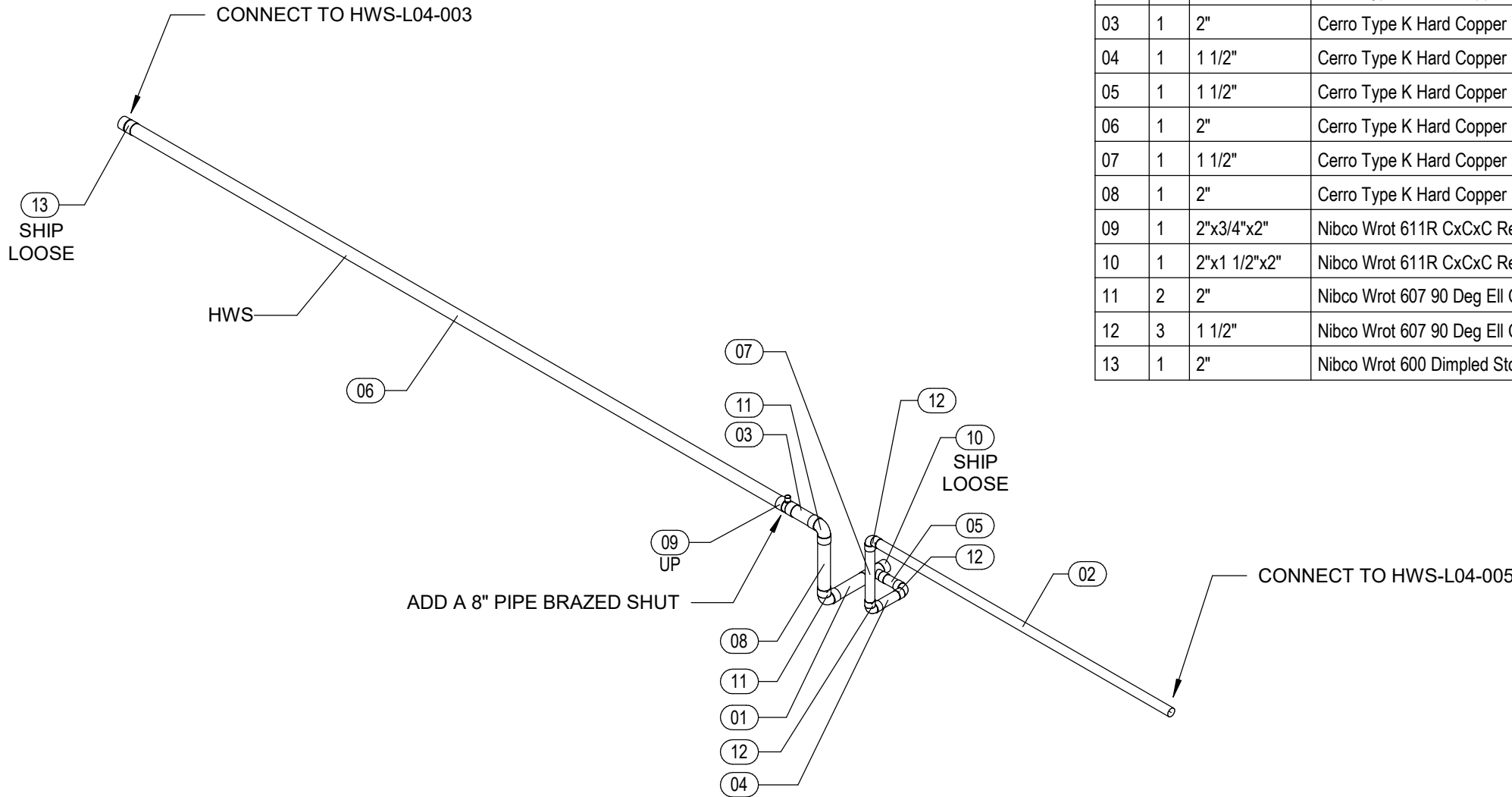
| | | | |
|----|----|----|----|
| A1 | A3 | B1 | B3 |
| A2 | A4 | B2 | B4 |

| | |
|------------------|-------------|
| JOB: | WASH U NRB |
| TICKET: | HWR-L04-004 |
| Drawn By: Author | |
| DATE: 09/30/21 | DATE REQ: |



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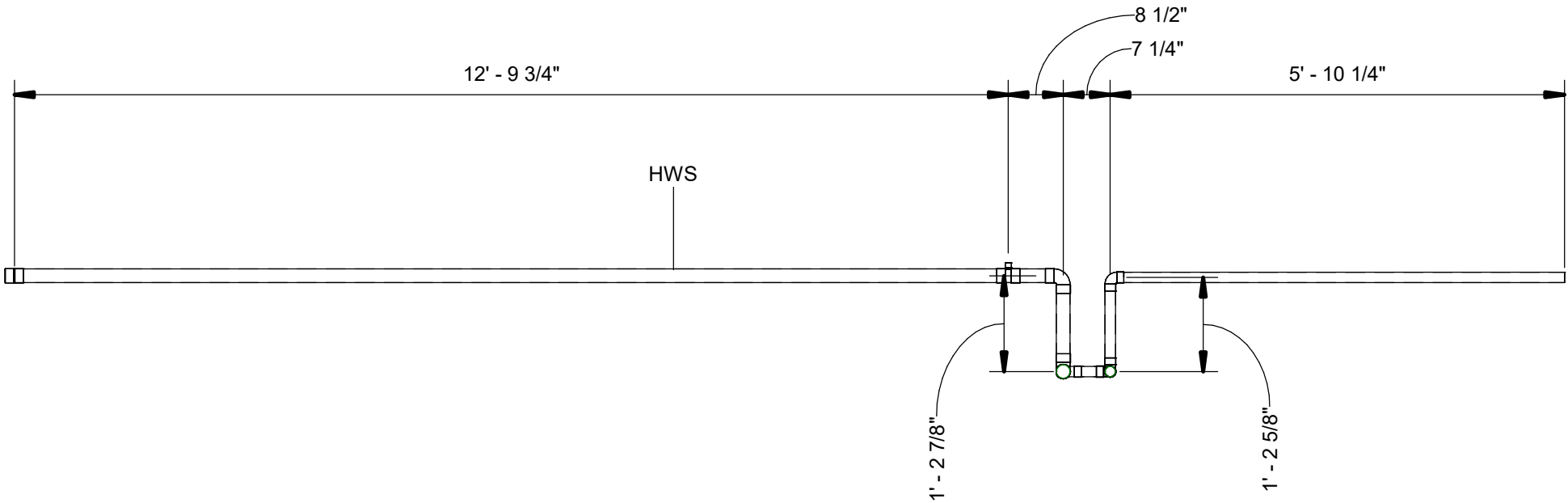
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| Mark | Qty | Size | Description | Length | Strut Width | Rob 1 | Rob 2 | Insulation |
|------|-----|--------------|--|------------|-------------|-------|-------|------------|
| 01 | 1 | 2" | Cerro Type K Hard Copper Pipe | 0'-9 1/8" | | | | 1 1/2" |
| 02 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 5'-9 1/4" | | | | 1 1/2" |
| 03 | 1 | 2" | Cerro Type K Hard Copper Pipe | 0'-6 5/8" | | | | 1 1/2" |
| 04 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 0'-6 1/4" | | | | 1 1/2" |
| 05 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 0'-4 1/2" | | | | 1 1/2" |
| 06 | 1 | 2" | Cerro Type K Hard Copper Pipe | 12'-9 1/4" | | | | 1 1/2" |
| 07 | 1 | 1 1/2" | Cerro Type K Hard Copper Pipe | 1'-0 1/2" | | | | 1 1/2" |
| 08 | 1 | 2" | Cerro Type K Hard Copper Pipe | 1'-0" | | | | 1 1/2" |
| 09 | 1 | 2"x3/4"x2" | Nibco Wrot 611R CxCxC Reducing Tee | | | | | 1 1/2" |
| 10 | 1 | 2"x1 1/2"x2" | Nibco Wrot 611R CxCxC Reducing Tee | | | | | 1 1/2" |
| 11 | 2 | 2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1 1/2" |
| 12 | 3 | 1 1/2" | Nibco Wrot 607 90 Deg Ell CxC | | | | | 1 1/2" |
| 13 | 1 | 2" | Nibco Wrot 600 Dimpled Stop Coupling CxC | | | | | 1 1/2" |

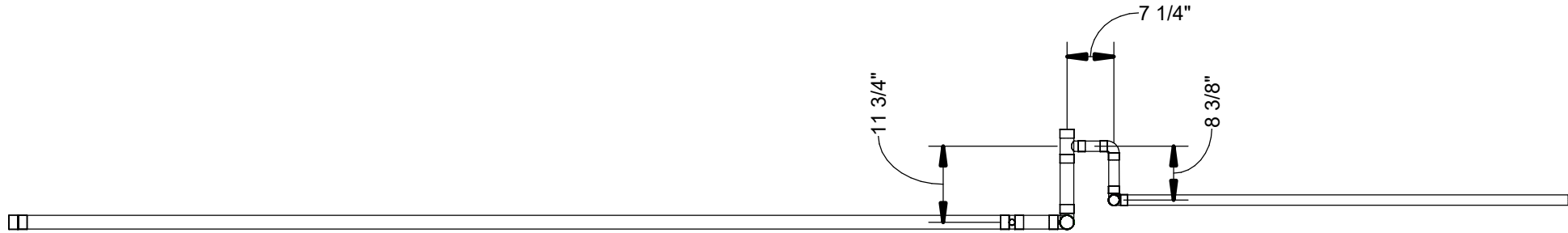
1 ISOMETRIC

SCALE:



2 FRONT ELEVATION

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

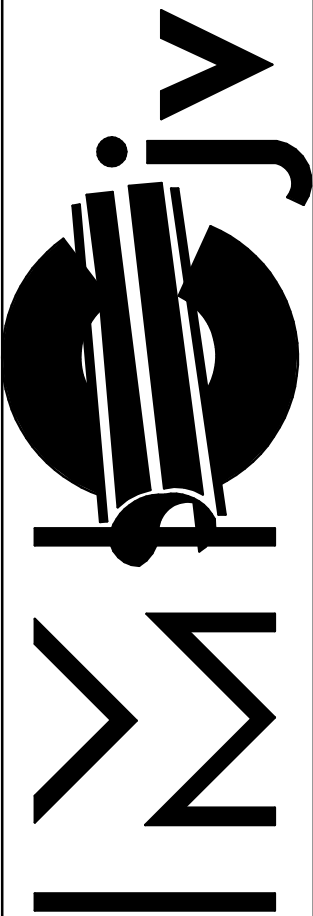


3 TOP VIEW

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

| | | | |
|----|----|----|----|
| A1 | A3 | B1 | B3 |
| A2 | A4 | B2 | B4 |

JOB: WASH U NRB
TICKET: HWS-L04-004
Drawn By: Author
DATE: 09/30/21



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