



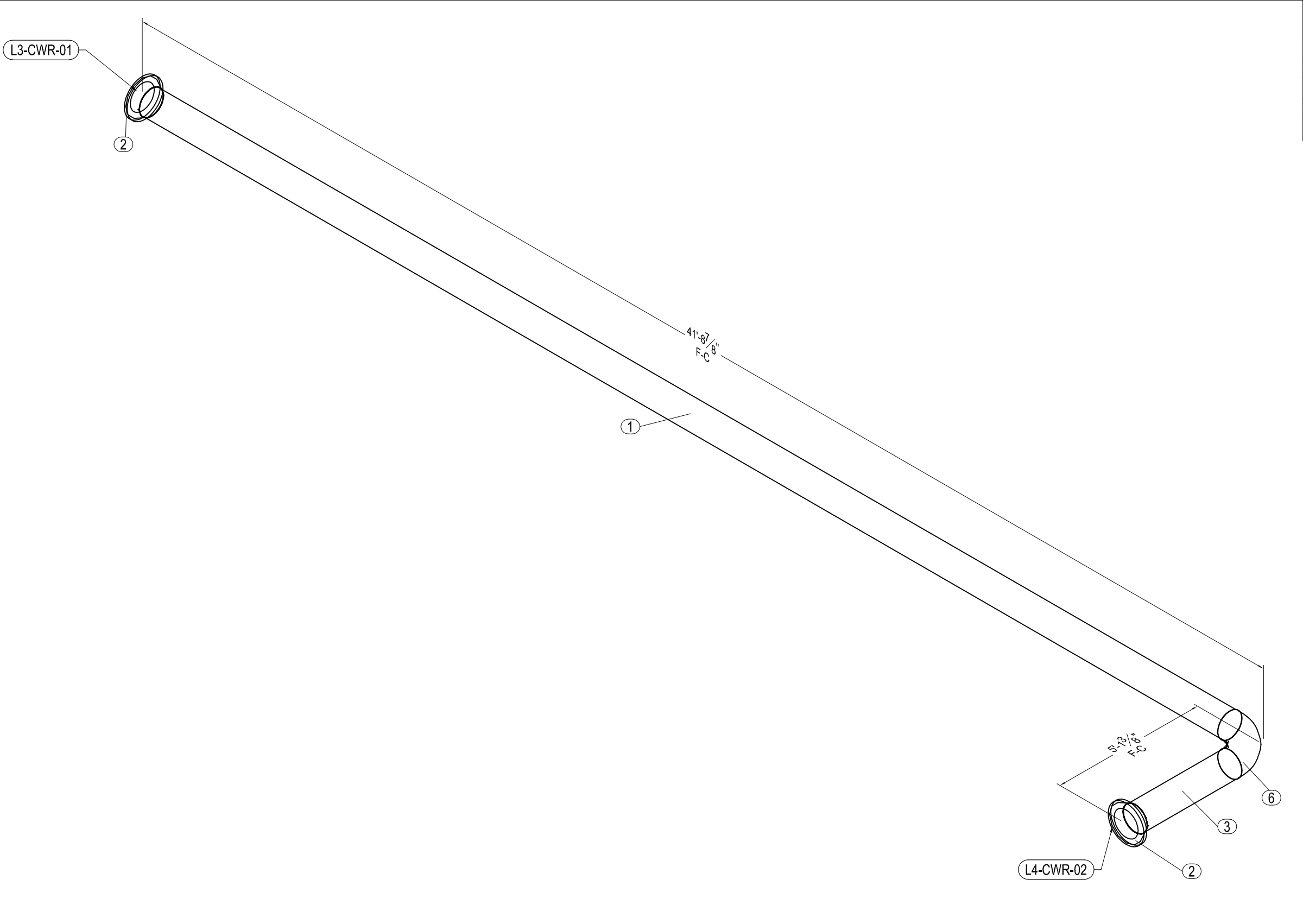
MP Bill of Material						
No.	Qty	Size	Length	Item	Service	
1	1	10	1'-5 1/4"	PIPE BLK STL S40 A53 ERW	CWR-SP13	
2	1	10	11'-2"	PIPE BLK STL S40 A53 ERW	CWR-SP13	
3	1	10	20'-0"	PIPE BLK STL S40 A53 ERW	CWR-SP13	
4	1	10		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13	
5	2	10		ELBOW 90 LR BLK STL S40 BW	CWR-SP13	

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

	WELD BOX
	SLOPE BOX
	VALVE TAG NO.
	MAT'L LIST & CUT LIST
	SLOPE DIR.

REF.PLAN:	CHW-ISO-MAP
DRAWING NUMBER:	L3-CWR-01
	



MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	40'-1 9/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
2	2	10		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
3	1	10	3'-6 1/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
6	1	10		ELBOW 90 LR BLK STL S40 BW	CWR-SP13

LINEAR FEET OF PIPE = 43'-7 3/4"

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

WELD BOX

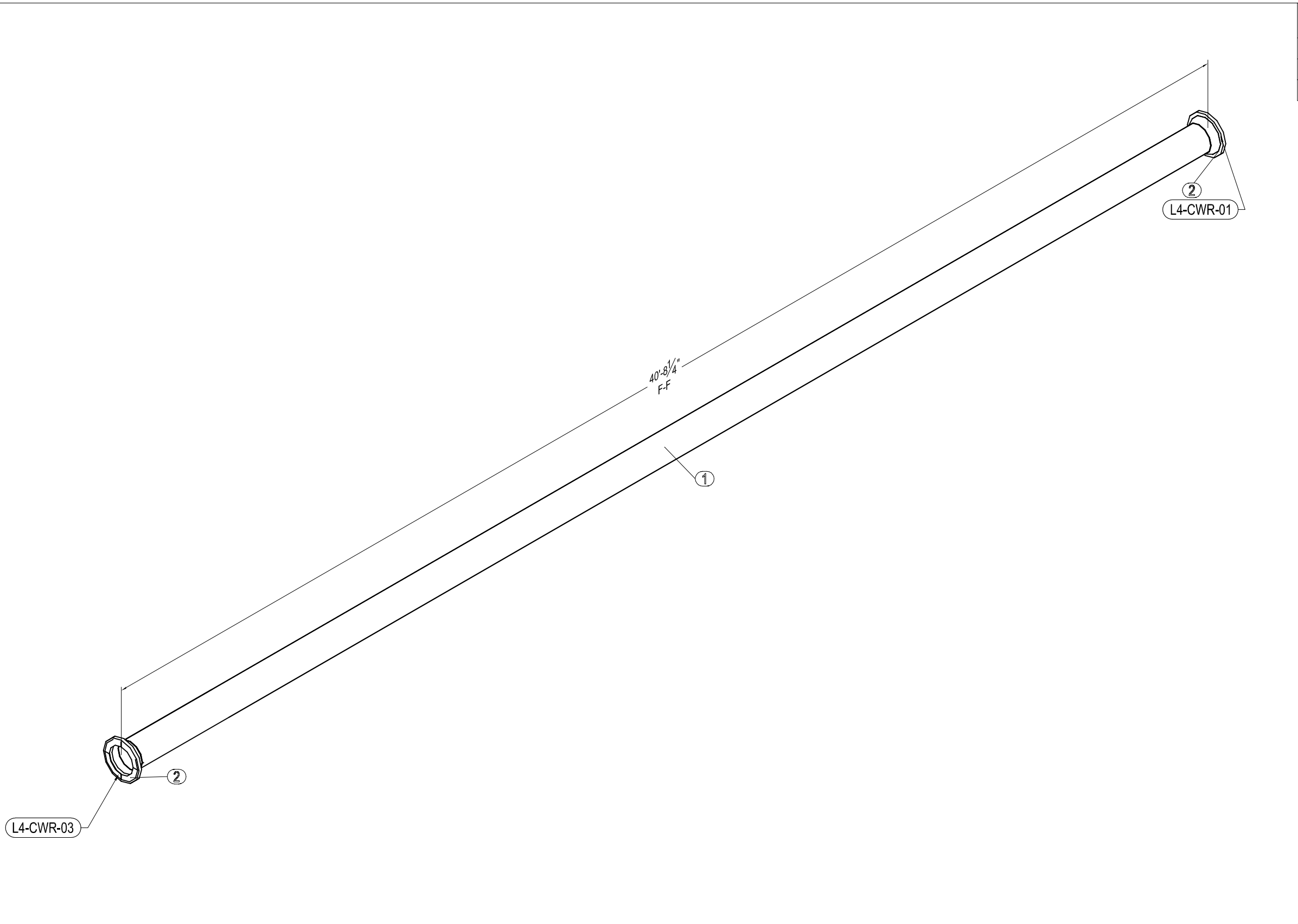
SLOPE BOX

VALVE TAG NO.

MAT'L LIST & CUT LIST

SLOPE DIR.

REF.PLAN:	CWSR-ISO-MAP-L4
DRAWING NUMBER:	L4-CWR-01
M C Murray Company	



LINEAR FEET OF PIPE = 40'-0"

MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	1	10	40'-0"	PIPE BLK STL S40 A53 ERW	CWR-SP13
2	2	10		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

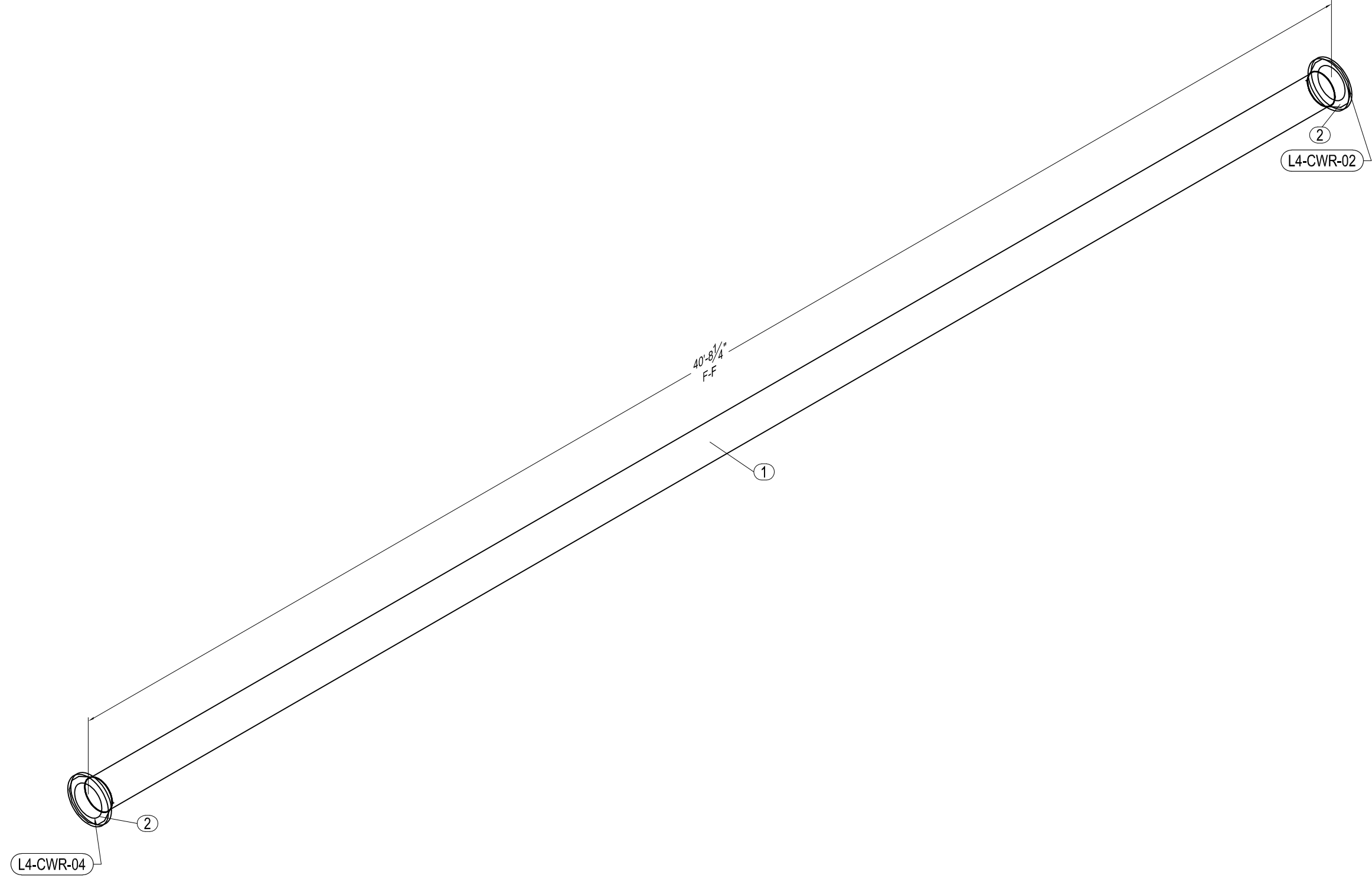
- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST
& CUT LIST
- SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWR-02



MP Bill of Material						
No.	Qty	Size	Length	Item		Service
1	1	10	40'-0"	PIPE BLK STL S40 A53 ERW		CWR-SP13
2	2	10		FLANGE WN 150LB BLK STL S40 RF		CWR-SP13



BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

WELD BOX

SLOPE BOX

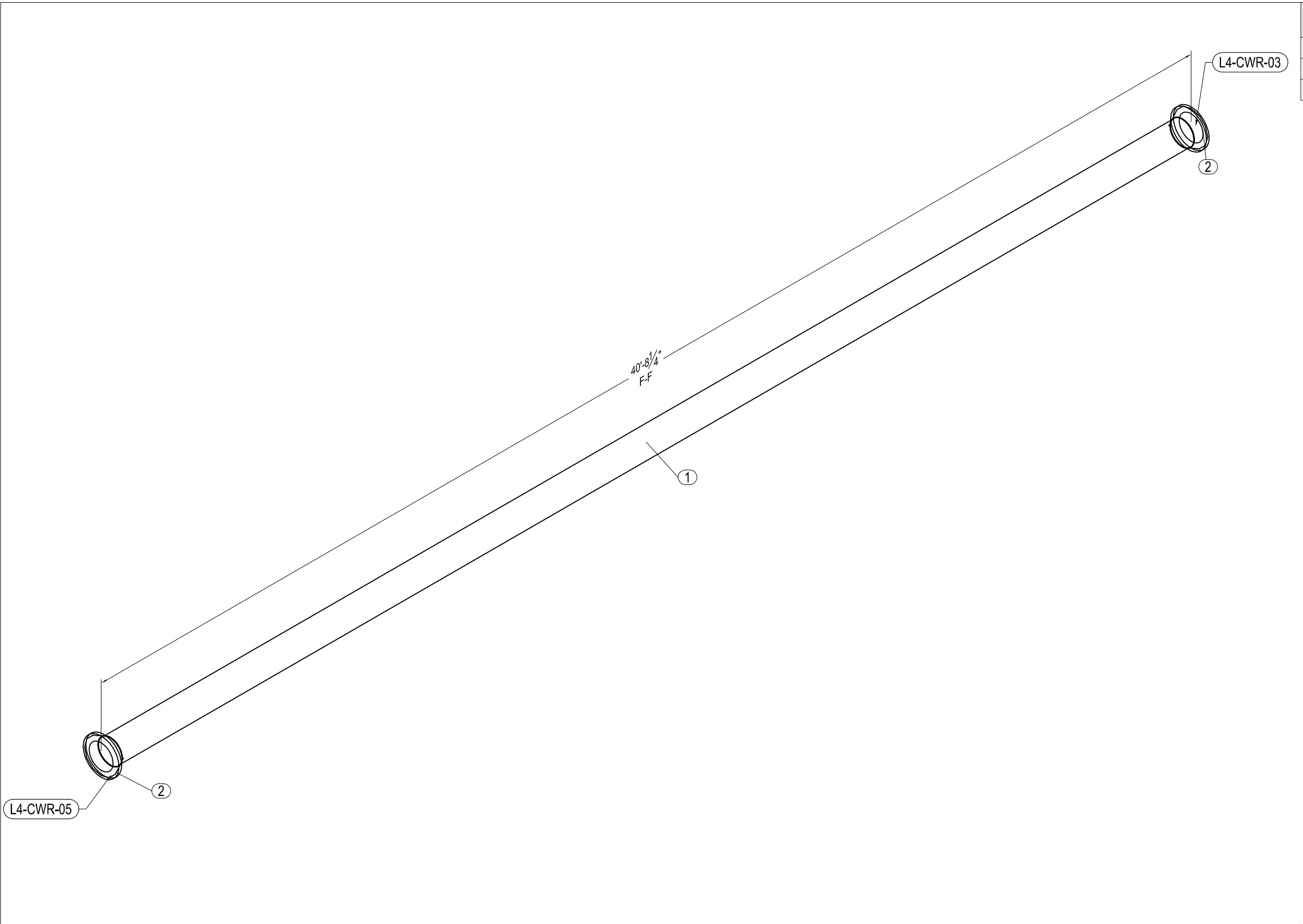
VALVE TAG NO.

MAT'L LIST
& CUT LIST

SLOPE DIR.

REF.PLAN:	CWSR-ISO-MAP-L4
DRAWING NUMBER:	L4-CWR-03

MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	40'-0"	PIPE BLK STL S40 A53 ERW	CWR-SP13
2	2	10		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13



LINEAR FEET OF PIPE = 40'-0"

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

WELD BOX

SLOPE BOX

VALVE TAG NO.

MAT'L LIST & CUT LIST

SLOPE DIR.

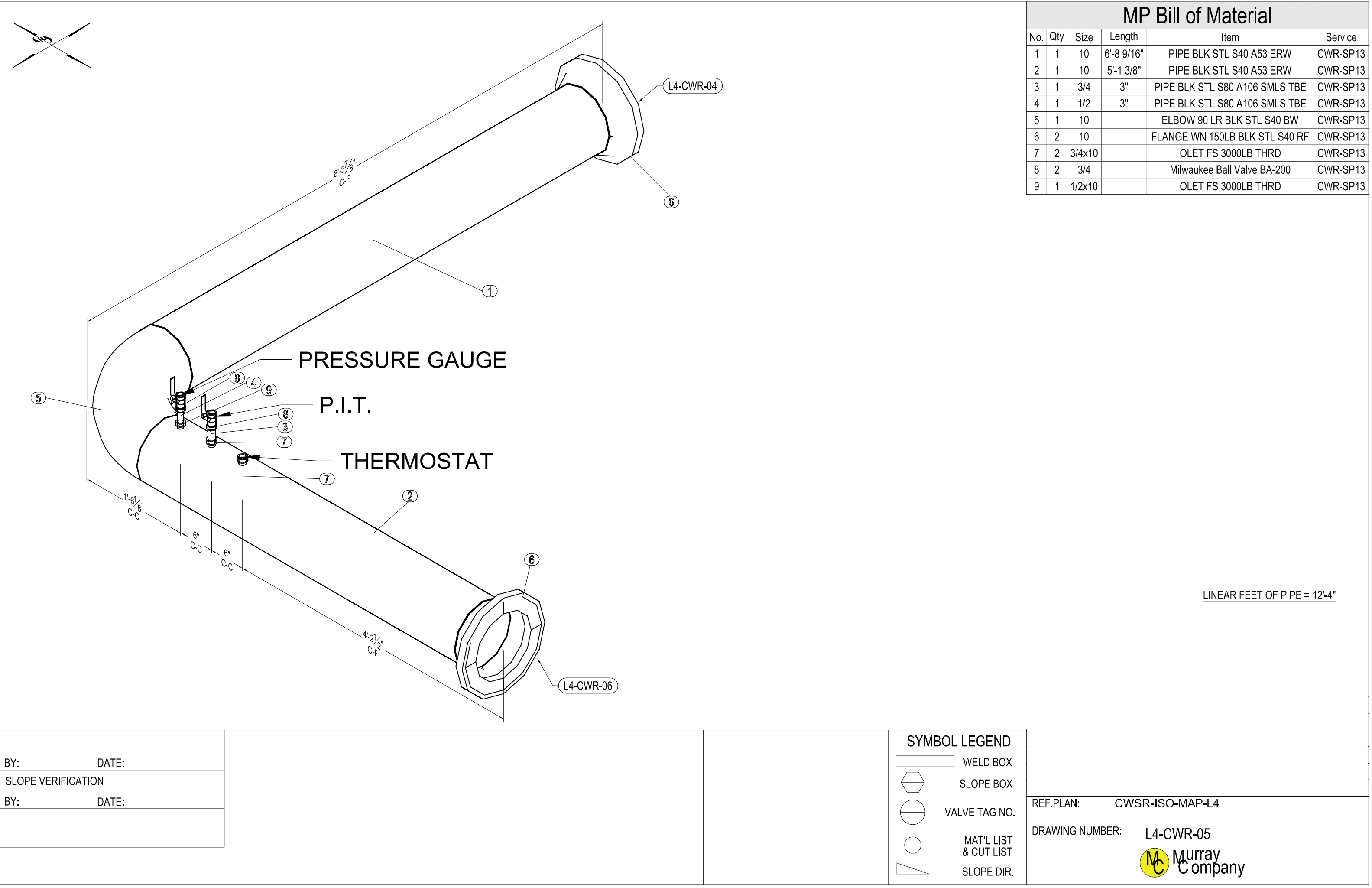
REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWR-04

M

C

Murray Company



MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	6'-8 9/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
2	1	10	5'-1 3/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
3	1	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWR-SP13
4	1	1/2	3"	PIPE BLK STL S80 A106 SMLS TBE	CWR-SP13
5	1	10		ELBOW 90 LR BLK STL S40 BW	CWR-SP13
6	2	10		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
7	2	3/4x10		OLET FS 3000LB THRD	CWR-SP13
8	2	3/4		Milwaukee Ball Valve BA-200	CWR-SP13
9	1	1/2x10		OLET FS 3000LB THRD	CWR-SP13

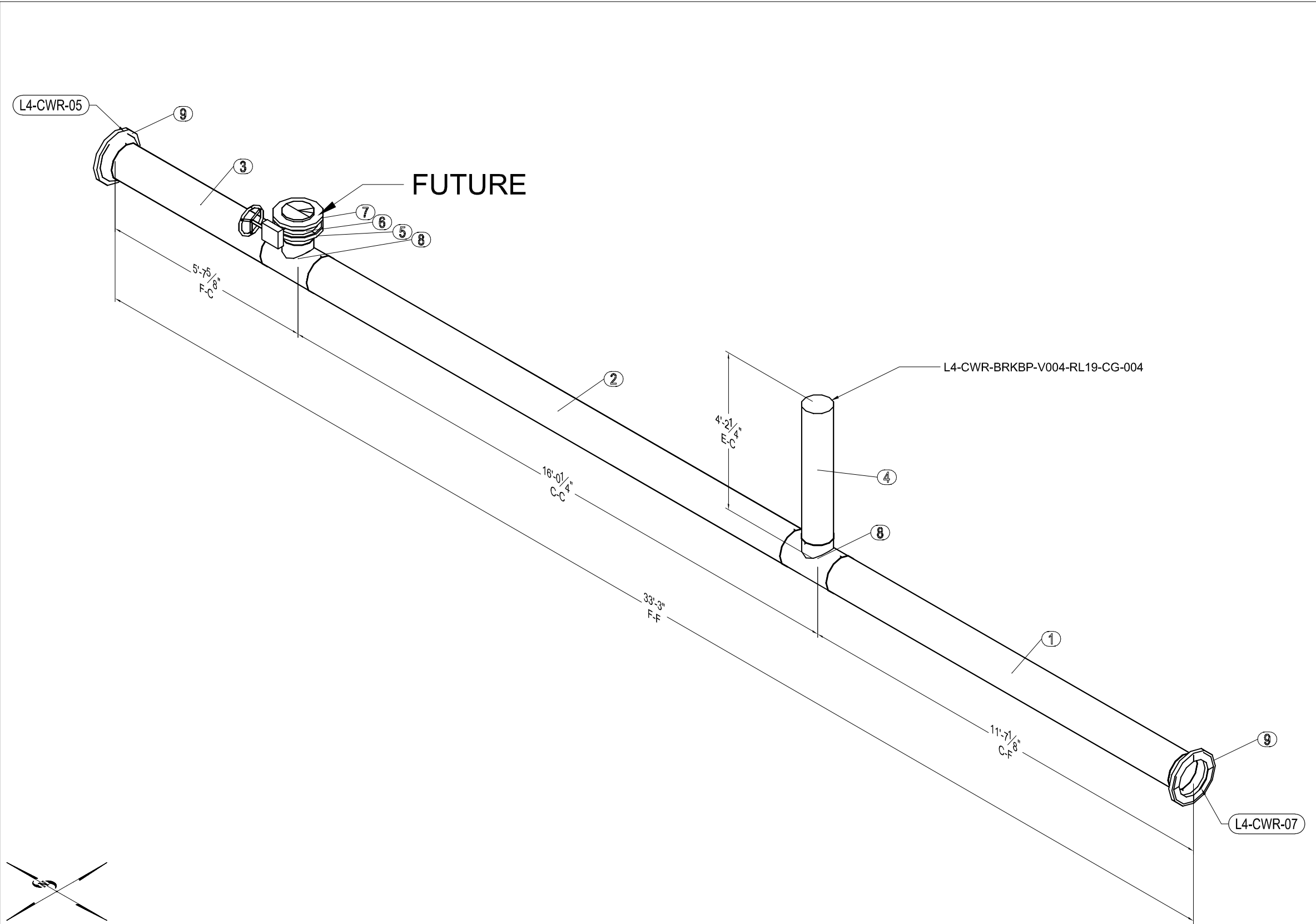
LINEAR FEET OF PIPE = 12'-4"

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

	WELD BOX
	SLOPE BOX
	VALVE TAG NO.
	MAT'L LIST & CUT LIST
	SLOPE DIR.

REF.PLAN:	CWSR-ISO-MAP-L4
DRAWING NUMBER:	L4-CWR-05



MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	10'-6 5/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
2	1	10	14'-7"	PIPE BLK STL S40 A53 ERW	CWR-SP13
3	1	10	4'-6 7/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
4	1	8	3'-6 3/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
5	1	8		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
6	1	8		Milwaukee BFV ML333E 2-12in	CWR-SP13
7	1	8		FLANGE BLIND 150LB BLK STL S40 RF	CWR-SP13
8	2	10x8		TEE (RED) BLK STL S40 BW	CWR-SP13
9	2	10		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13

LINEAR FEET OF PIPE = 33'-2 3/8"

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

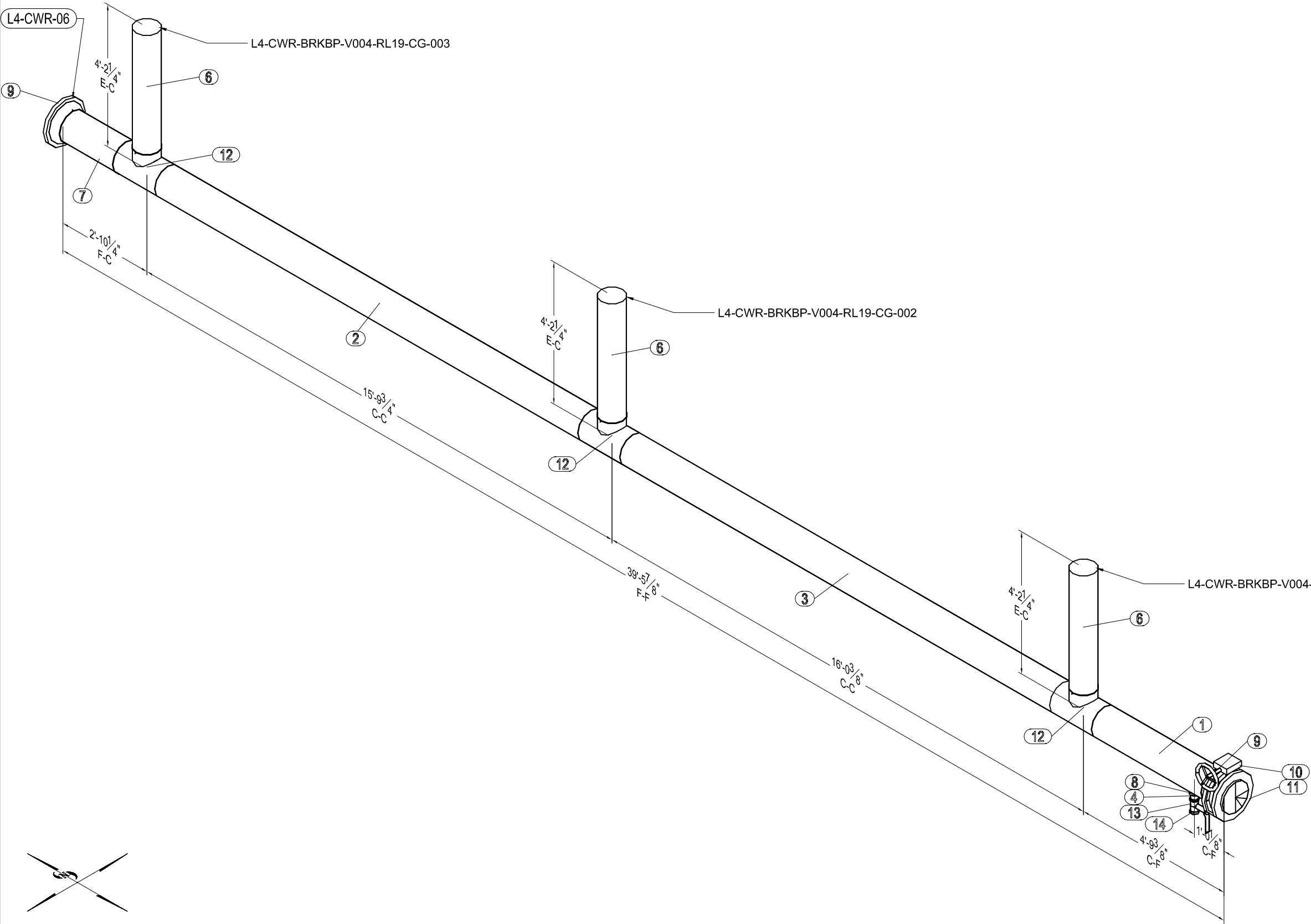
SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST
& CUT LIST
- SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWR-06





MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	1	10	3'-8 5/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
2	1	10	14'-4 9/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
3	1	10	14'-7 5/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
4	1	2	3"	PIPE BLK STL S80 A106 SMLS TBE	CWR-SP13
6	3	8	3'-6 3/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
7	1	10	1'-9 9/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
8	1	2x10		OLET FS 3000LB THRD	CWR-SP13
9	2	10		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
10	1	10		Milwaukee BFV ML333E 2-12in	CWR-SP13
11	1	10		FLANGE BLIND 150LB BLK STL S40 RF	CWR-SP13
12	3	10x8		TEE (RED) BLK STL S40 BW	CWR-SP13
13	1	2		Millwaukee Ball Valve BA-400S-XH	CWR-SP13
14	1	2		Fig. 388 Square Head Plugs (Solid)	CWR-SP13

LINEAR FEET OF PIPE = 45'-3 1/2"

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

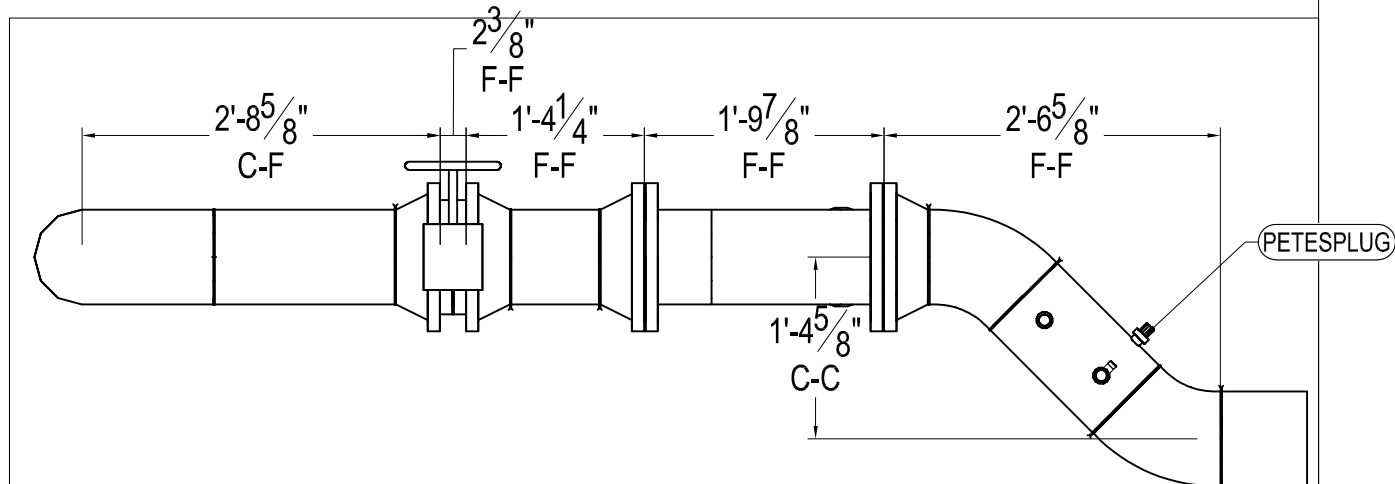
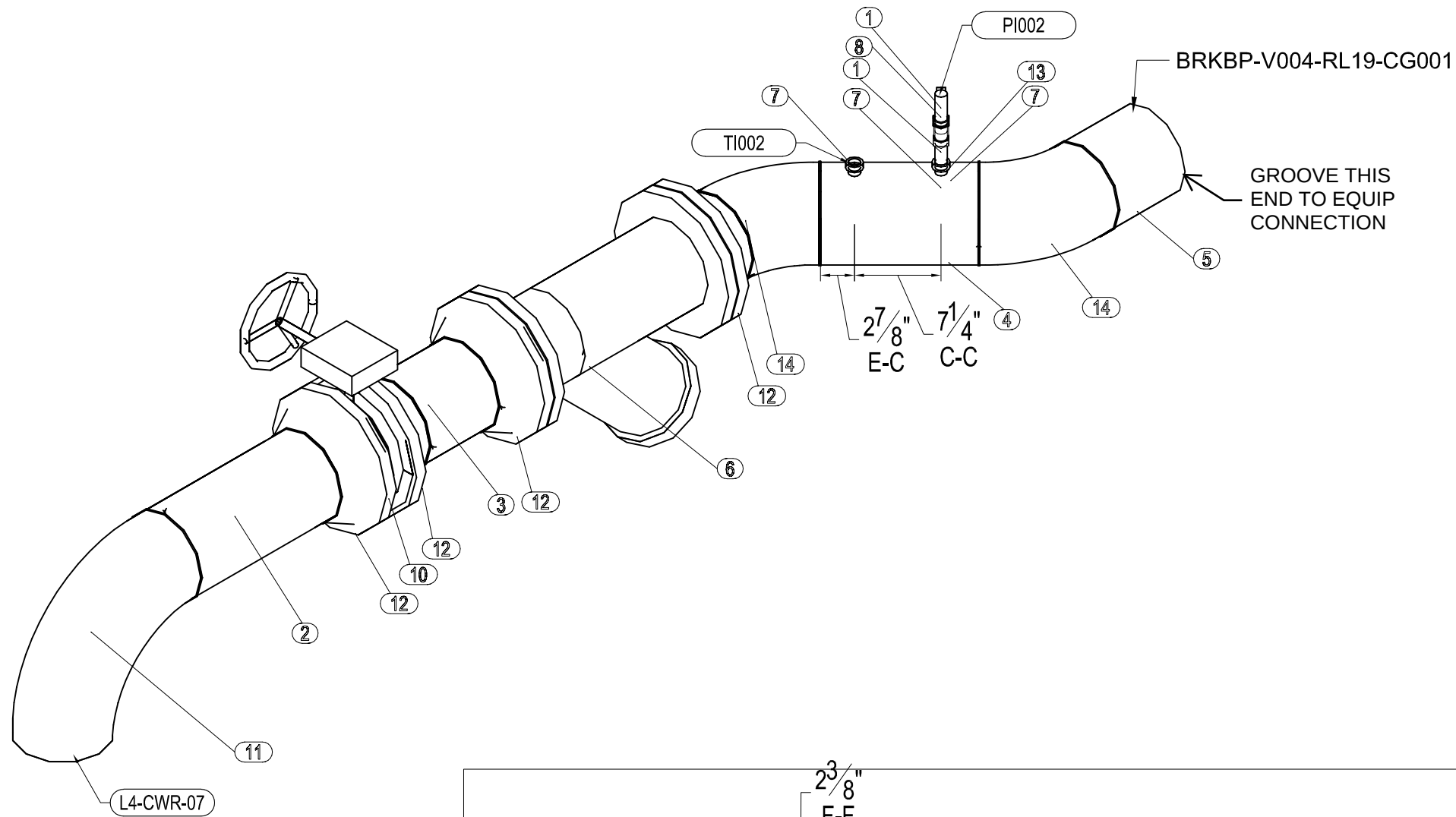
SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST
& CUT LIST
- SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWR-07





PLAN VIEW

BY: _____ DATE: _____

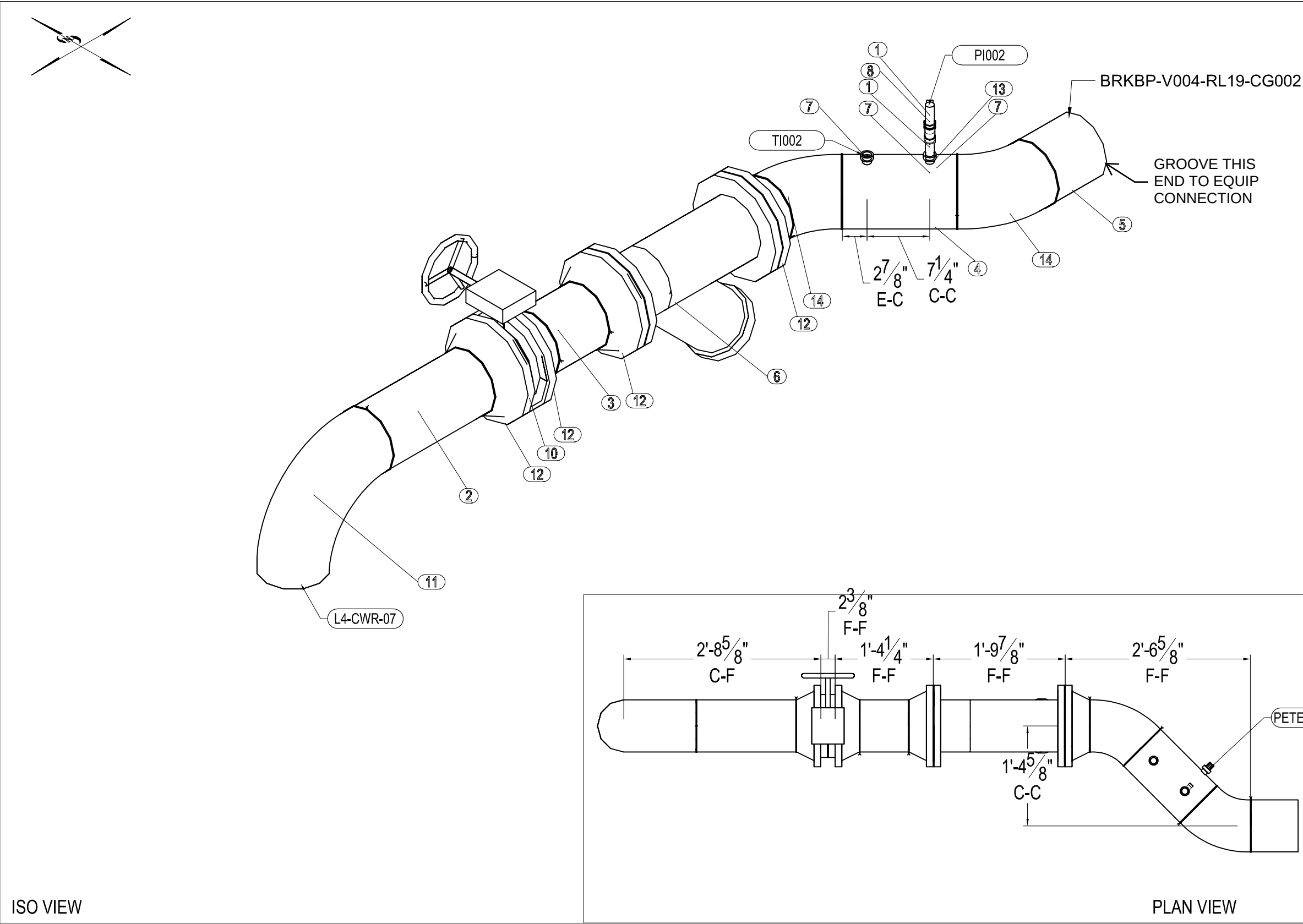
	WELD BOX
	SLOPE BOX
	VALVE TAG NO.
	MAT'L LIST & CUT LIST
	SLOPE DIR.

DRAWING NUMBER: L4-CWR-BRKBP69-V004-RL19-CG-001



No.	Qty	Size	Length	Item	Service
1	2	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWR-SP13
2	1	8	1'-4 7/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
3	1	8	8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
4	1	8	1'-1 1/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
5	1	8	7 3/4"	PIPE BLK STL S40 A53 ERW	CWR-SP13
6	1	8		Mueller-758	CWR-SP13
7	3	3/4x8		OLET FS 3000LB THRD	CWR-SP13
8	1	3/4		Milwaukee Ball Valve BA-200	CWR-SP13
10	1	8		Milwaukee BfV ML333E 2-12in	CWR-SP13
11	1	8		ELBOW 90 LR BLK STL S40 BW	CWR-SP13
12	4	8		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
13	1	1/2		Pete's Plug II Neoprene Core	CWR-SP13
14	2	8		ELBOW 45 LR BLK STL S40 BW	CWR-SP13

LINEAR FEET OF PIPE = 4'-3 3/8"



MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	2	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWR-SP13
2	1	8	1'-4 7/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
3	1	8	8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
4	1	8	1'-1 1/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
5	1	8	7 3/4"	PIPE BLK STL S40 A53 ERW	CWR-SP13
6	1	8		Mueller-758	CWR-SP13
7	3	3/4x8		OLET FS 3000LB THRD	CWR-SP13
8	1	3/4		Milwaukee Ball Valve BA-200	CWR-SP13
10	1	8		Milwaukee BFV ML333E 2-12in	CWR-SP13
11	1	8		ELBOW 90 LR BLK STL S40 BW	CWR-SP13
12	4	8		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
13	1	1/2		Pete's Plug II Neoprene Core	CWR-SP13
14	2	8		ELBOW 45 LR BLK STL S40 BW	CWR-SP13

LINEAR FEET OF PIPE = 4'-3 3/8"

ISO VIEW

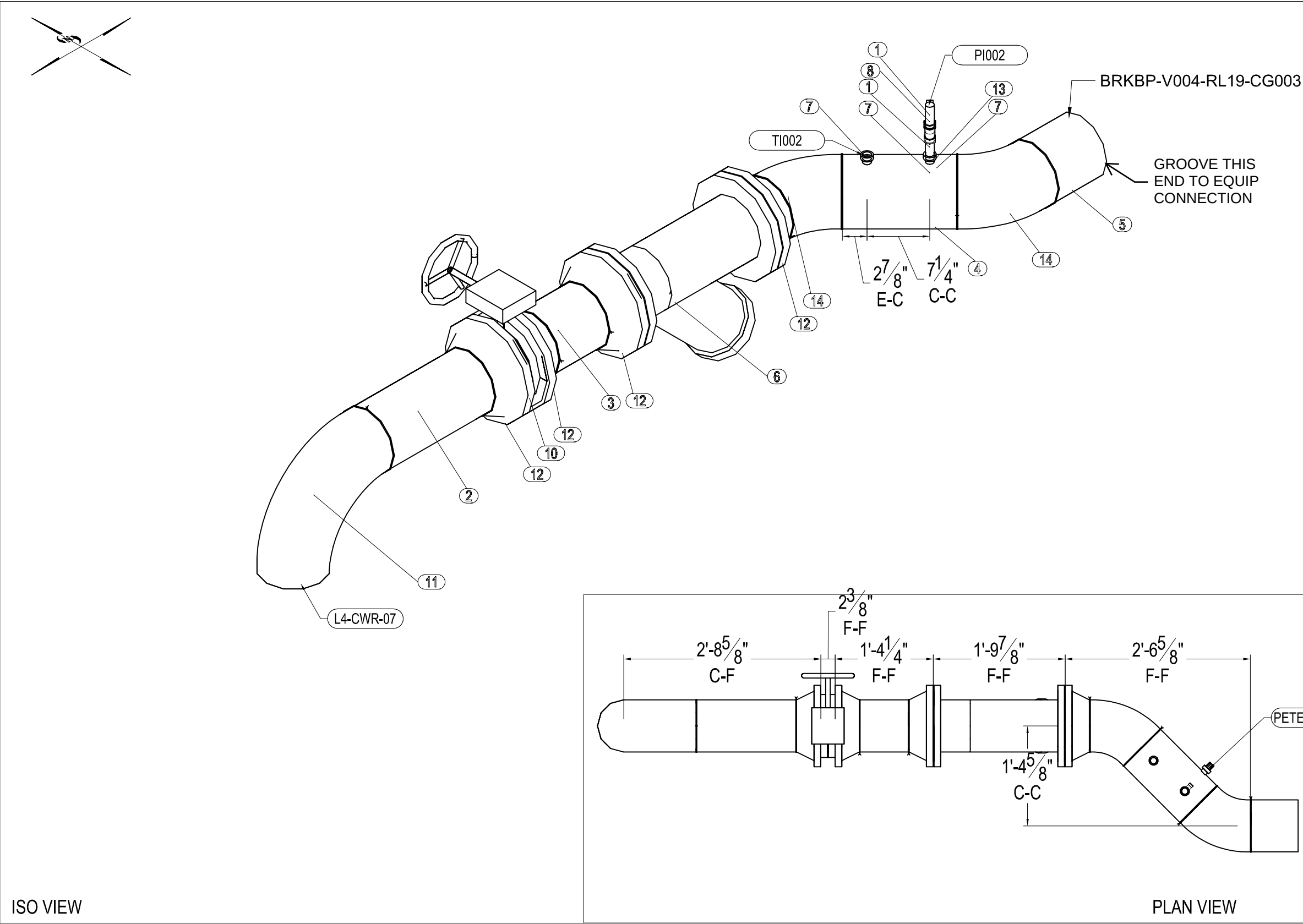
PLAN VIEW

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST & CUT LIST
- SLOPE DIR.

REF.PLAN:	CWSR-ISO-MAP-L4
DRAWING NUMBER:	L4-CWR-BRKBP69-V004-RL19-CG-002



MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	2	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWR-SP13
2	1	8	1'-4 7/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
3	1	8	8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
4	1	8	1'-1 1/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
5	1	8	7 3/4"	PIPE BLK STL S40 A53 ERW	CWR-SP13
6	1	8		Mueller-758	CWR-SP13
7	3	3/4x8		OLET FS 3000LB THRD	CWR-SP13
8	1	3/4		Milwaukee Ball Valve BA-200	CWR-SP13
10	1	8		Milwaukee BFV ML333E 2-12in	CWR-SP13
11	1	8		ELBOW 90 LR BLK STL S40 BW	CWR-SP13
12	4	8		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
13	1	1/2		Pete's Plug II Neoprene Core	CWR-SP13
14	2	8		ELBOW 45 LR BLK STL S40 BW	CWR-SP13

LINEAR FEET OF PIPE = 4'-3 3/8"

ISO VIEW

PLAN VIEW

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

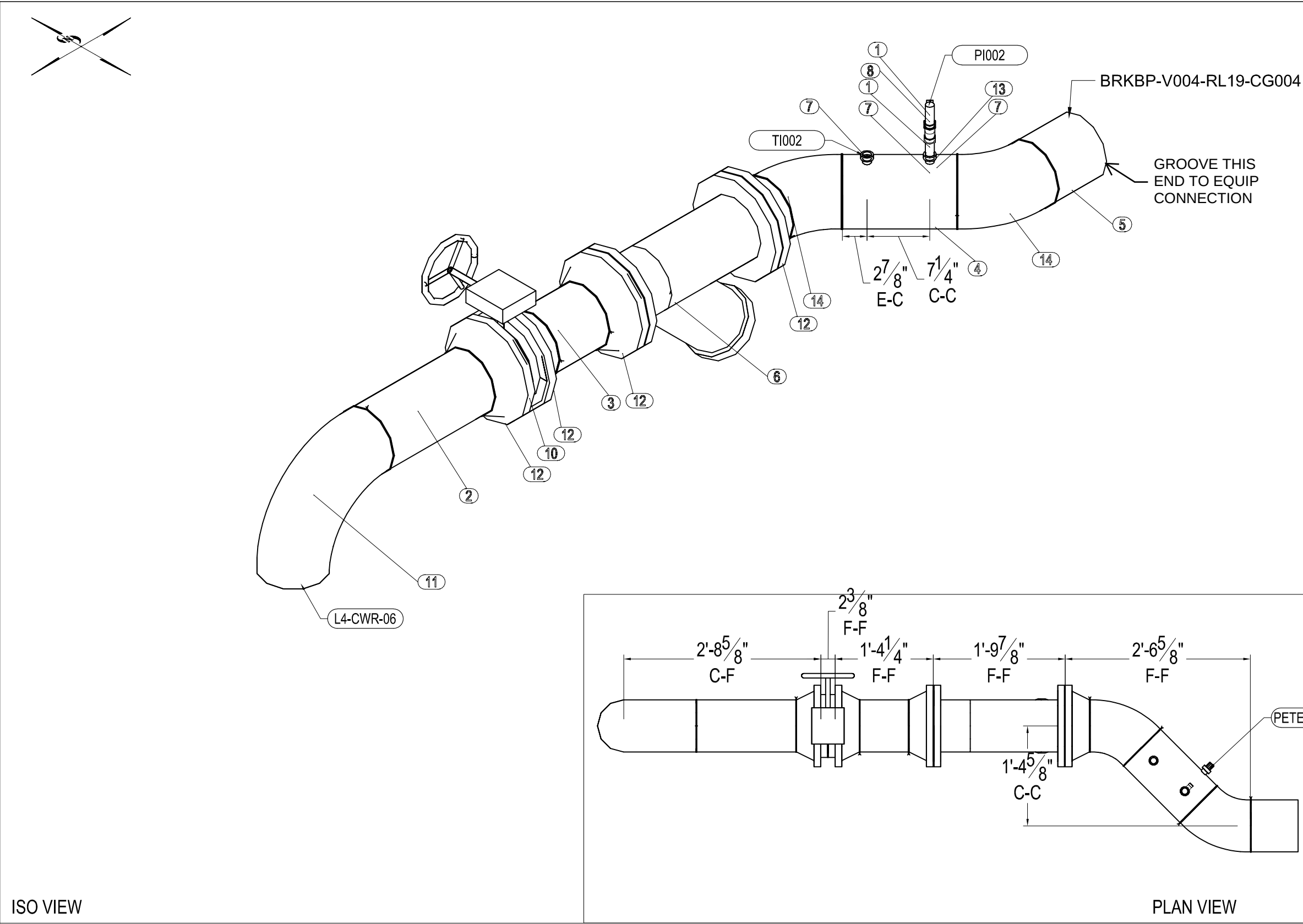
SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST & CUT LIST
- SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWR-BRKBP69-V004-RL19-CG-003





ISO VIEW

PLAN VIEW

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND	
	WELD BOX
	SLOPE BOX
	VALVE TAG NO.
	MAT'L LIST & CUT LIST
	SLOPE DIR.

MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	2	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWR-SP13
2	1	8	1'-4 7/16"	PIPE BLK STL S40 A53 ERW	CWR-SP13
3	1	8	8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
4	1	8	1'-1 1/8"	PIPE BLK STL S40 A53 ERW	CWR-SP13
5	1	8	7 3/4"	PIPE BLK STL S40 A53 ERW	CWR-SP13
6	1	8		Mueller-758	CWR-SP13
7	3	3/4x8		OLET FS 3000LB THRD	CWR-SP13
8	1	3/4		Milwaukee Ball Valve BA-200	CWR-SP13
10	1	8		Milwaukee BFV ML333E 2-12in	CWR-SP13
11	1	8		ELBOW 90 LR BLK STL S40 BW	CWR-SP13
12	4	8		FLANGE WN 150LB BLK STL S40 RF	CWR-SP13
13	1	1/2		Pete's Plug II Neoprene Core	CWR-SP13
14	2	8		ELBOW 45 LR BLK STL S40 BW	CWR-SP13

LINEAR FEET OF PIPE = 4'-3 3/8"



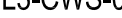


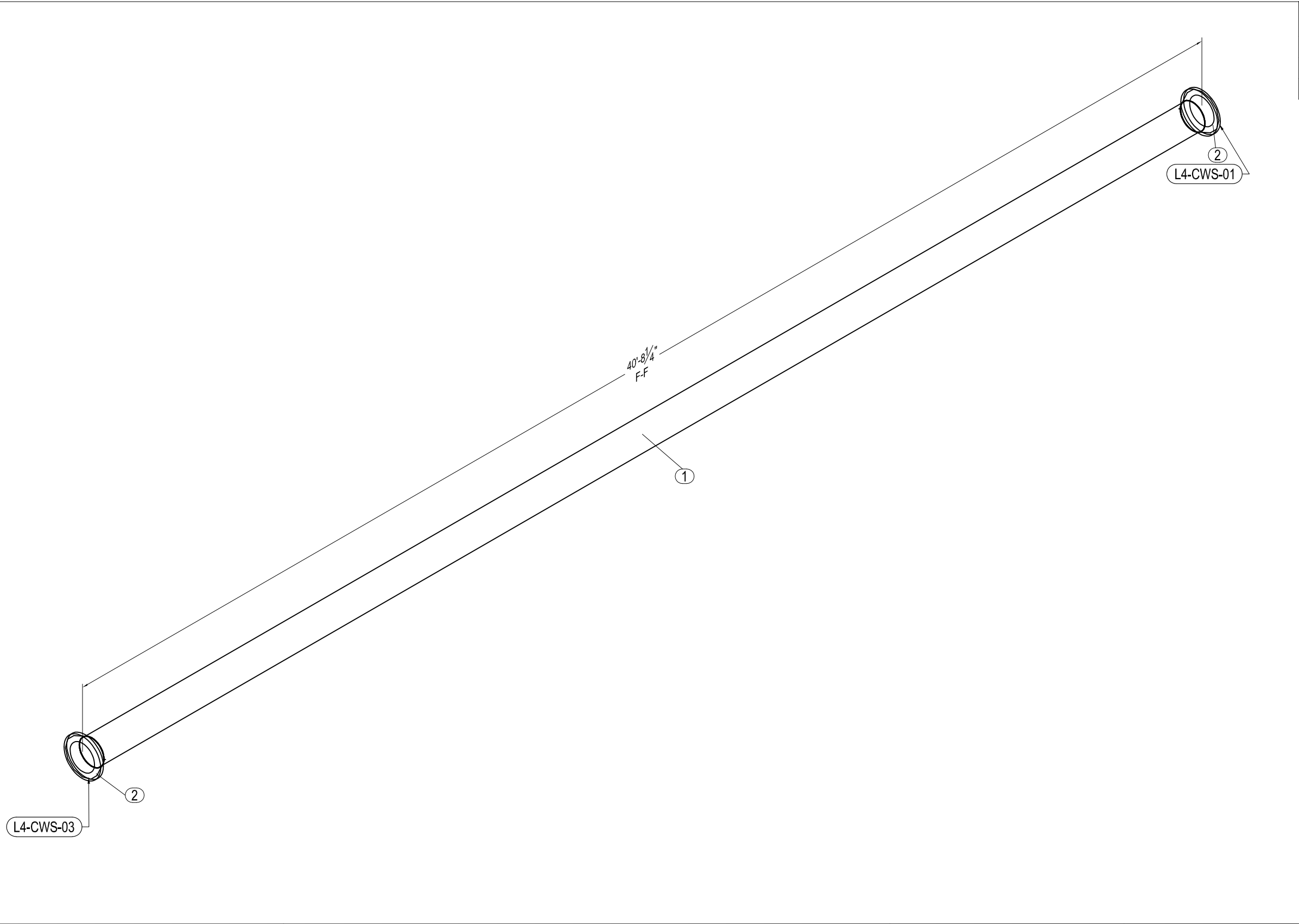
MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	1'-5 1/4"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	1	10	20'-0"	PIPE BLK STL S40 A53 ERW	CWS-SP13
3	1	10	12'-8 1/8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
4	2	10		ELBOW 90 LR BLK STL S40 BW	CWS-SP13
5	1	10		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

	WELD BOX
	SLOPE BOX
	VALVE TAG NO.
	MAT'L LIST & CUT LIST
	SLOPE DIR.

REF.PLAN:	CHW-ISO-MAP
DRAWING NUMBER:	L3-CWS-01
	



LINEAR FEET OF PIPE = 40'-0"

MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	40'-0"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	2	10		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13

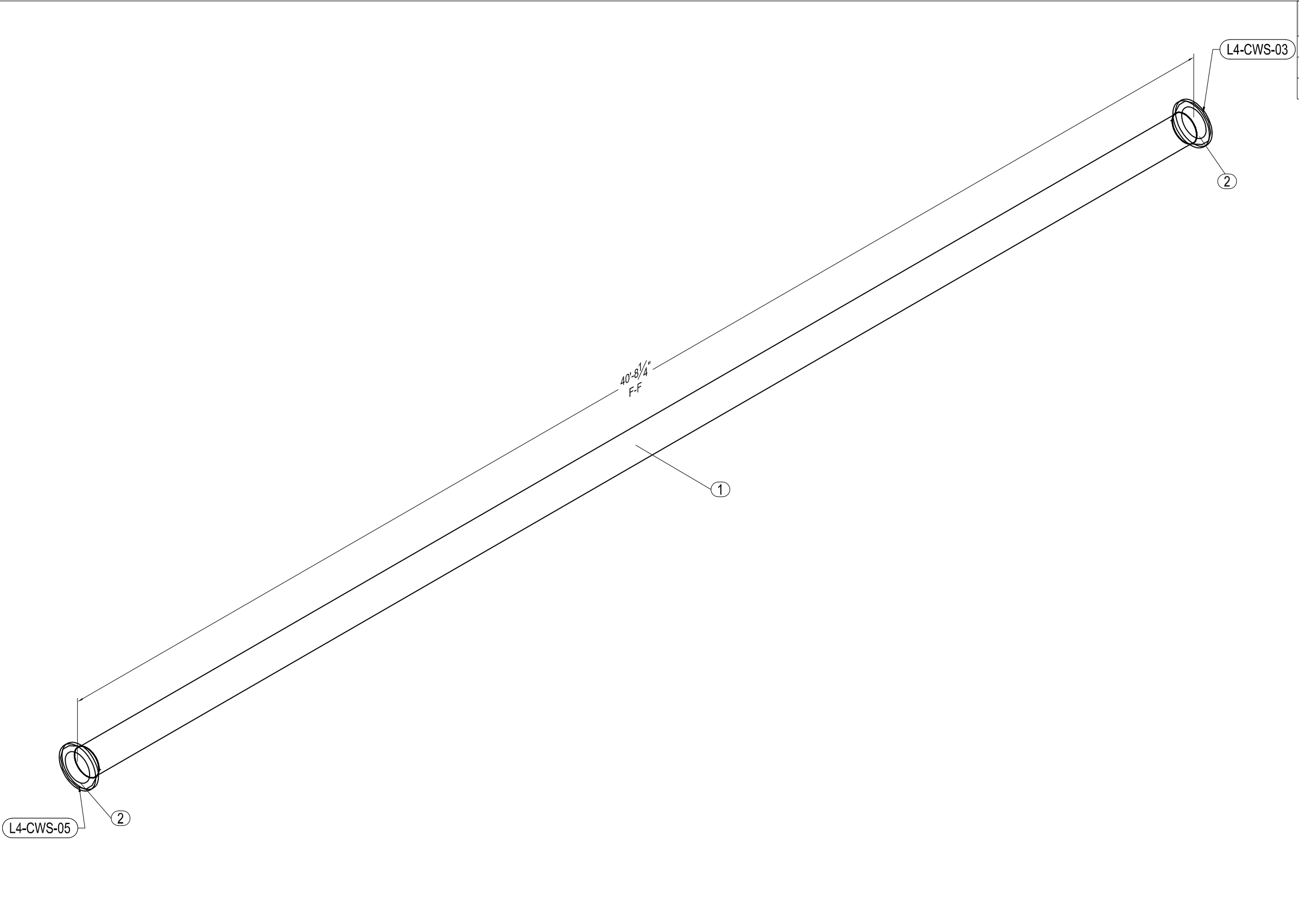
BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

REF.PLAN: CWSR-ISO-MAP-L4	
DRAWING NUMBER:	L4-CWS-02
Murray Company	

SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST & CUT LIST
- SLOPE DIR.

MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	40'-0"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	2	10		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13



BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

SYMBOL LEGEND

WELD BOX

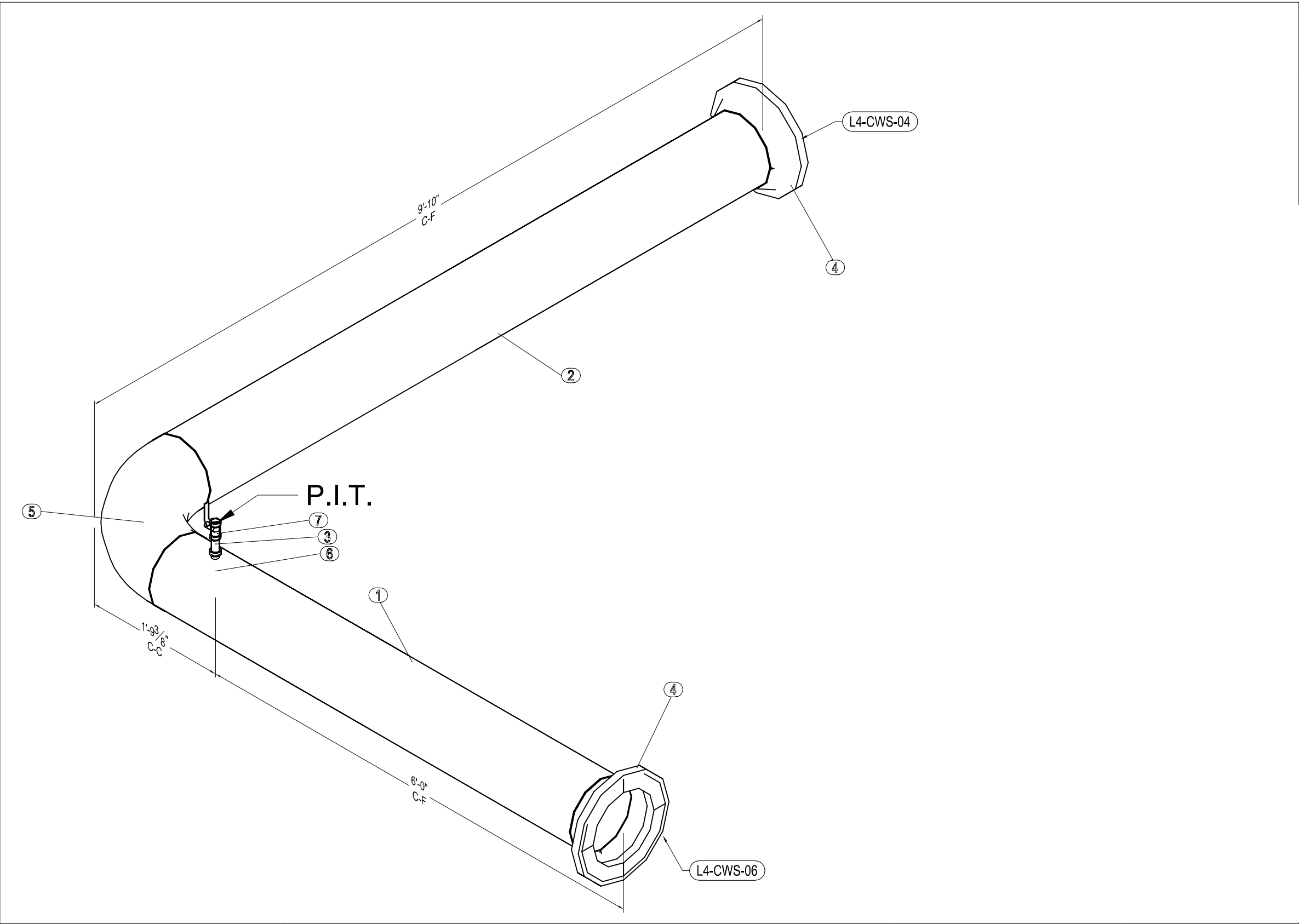
SLOPE BOX

VALVE TAG NO.

MAT'L LIST
& CUT LIST

SLOPE DIR.

REF.PLAN:	CWSR-ISO-MAP-L4
DRAWING NUMBER:	L4-CWS-04
MC Murray Company	



LINEAR FEET OF PIPE = 14'-7 7/8"

MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	6'-2 1/8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	1	10	8'-2 11/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
3	1	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWS-SP13
4	2	10		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13
5	1	10		ELBOW 90 LR BLK STL S40 BW	CWS-SP13
6	1	3/4x10		OLET FS 3000LB THRD	CWS-SP13
7	1	3/4		Milwaukee Ball Valve BA-200	CWS-SP13

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

SYMBOL LEGEND

WELD BOX

SLOPE BOX

VALVE TAG NO.

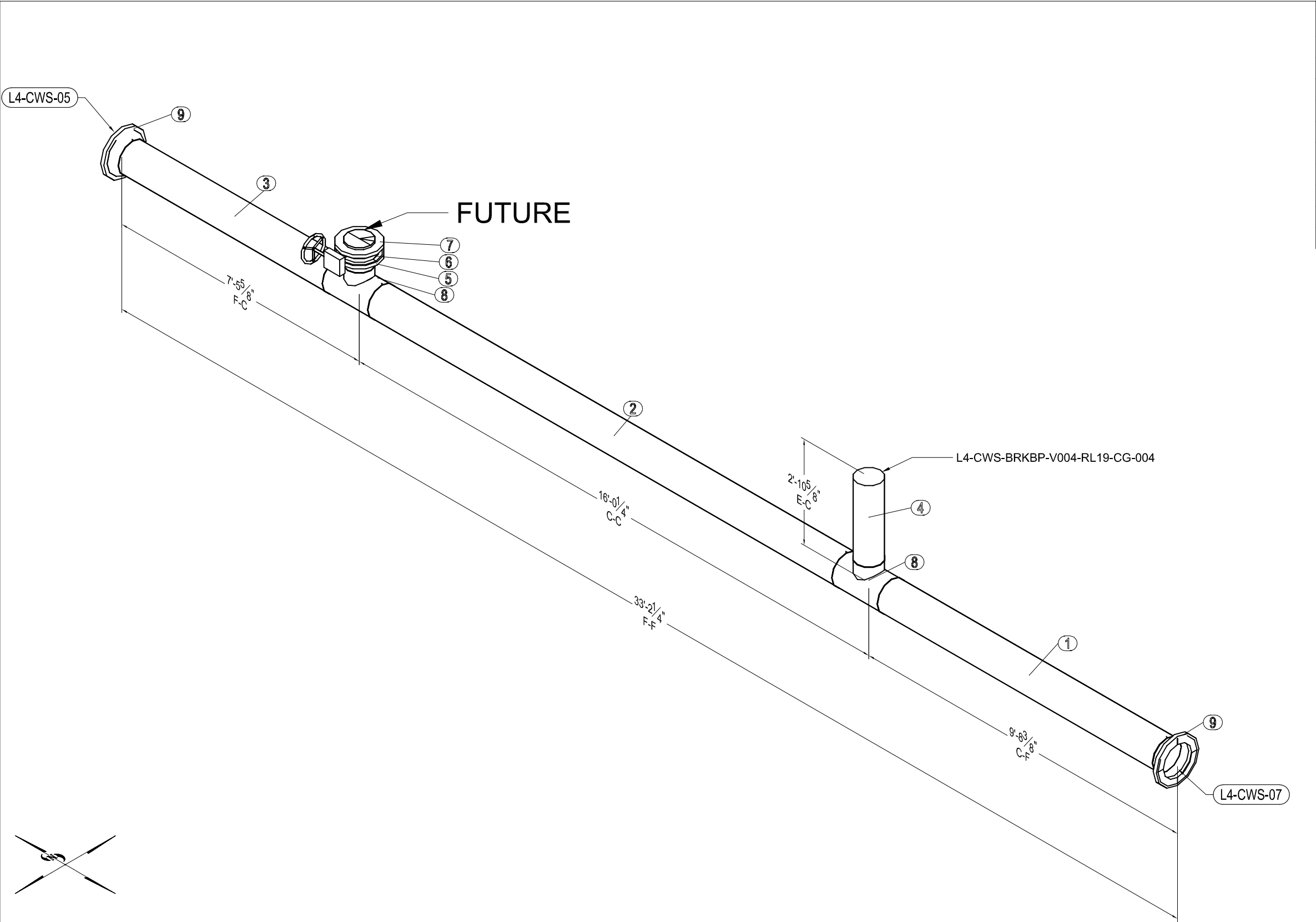
MAT'L LIST & CUT LIST

SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWS-05

Murray Company



MP Bill of Material					
No.	Qty	Size	Length	Item	Service
1	1	10	8'-7 11/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	1	10	14'-7"	PIPE BLK STL S40 A53 ERW	CWS-SP13
3	1	10	6'-4 7/8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
4	1	8	2'-2 9/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
5	1	8		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13
6	1	8		Milwaukee BFV ML333E 2-12in	CWS-SP13
7	1	8		FLANGE BLIND 150LB BLK STL S40 RF	CWS-SP13
8	2	10x8		TEE (RED) BLK STL S40 BW	CWS-SP13
9	2	10		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13

LINEAR FEET OF PIPE = 31'-10"

BY:	DATE:
SLOPE VERIFICATION	
BY:	DATE:

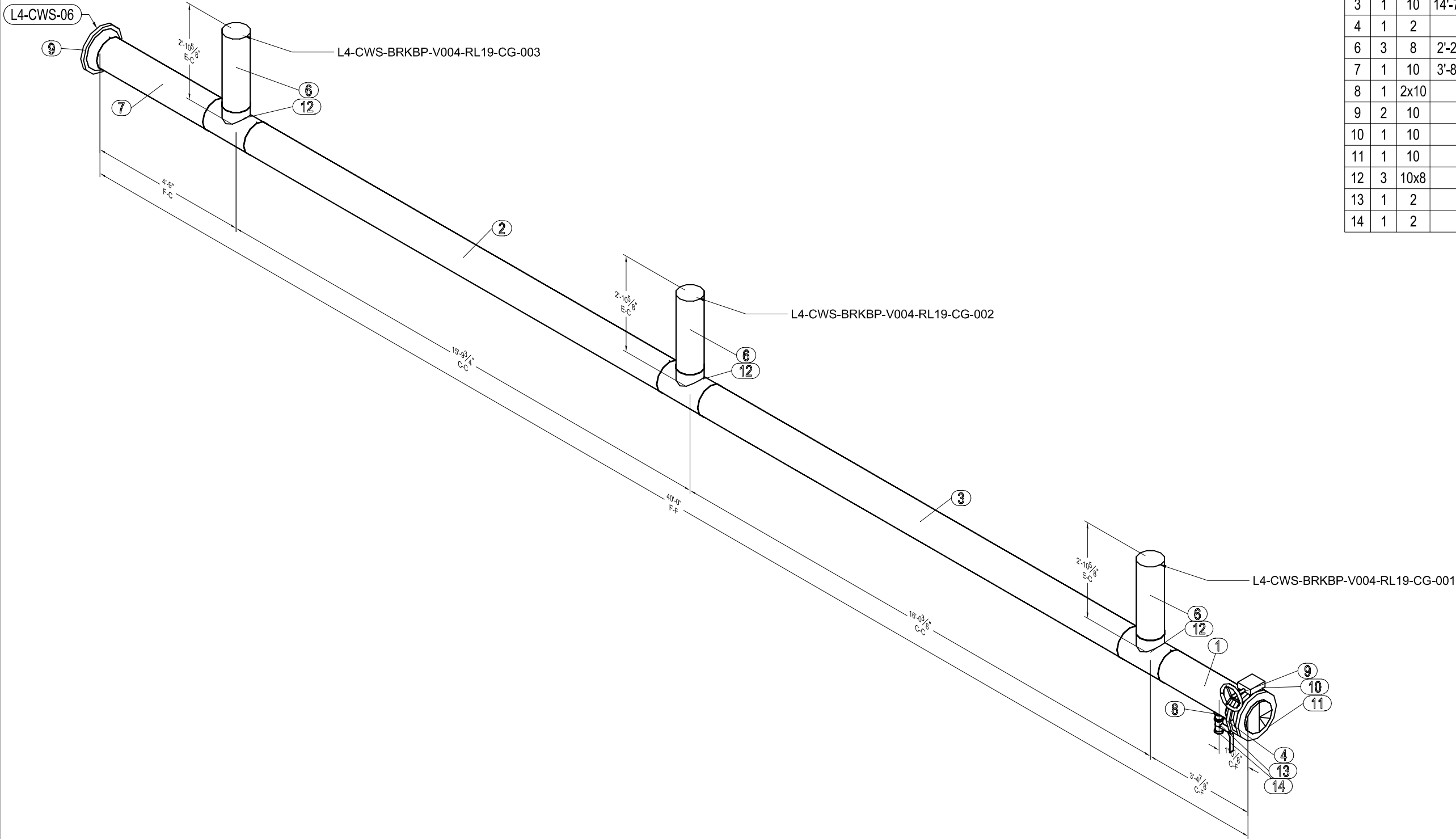
SYMBOL LEGEND

-  WELD BOX
-  SLOPE BOX
-  VALVE TAG NO.
-  MAT'L LIST & CUT LIST
-  SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWS-06





LINEAR FEET OF PIPE = 41'-10 5/8"

MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	1	10	2'-4 1/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	1	10	14'-4 9/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
3	1	10	14'-7 3/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
4	1	2	3"	PIPE BLK STL S80 A106 SMLS TBE	CWS-SP13
6	3	8	2'-2 9/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
7	1	10	3'-8 3/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
8	1	2x10		OLET FS 3000LB THRD	CWS-SP13
9	2	10		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13
10	1	10		Milwaukee BFV ML333E 2-12in	CWS-SP13
11	1	10		FLANGE BLIND 150LB BLK STL S40 RF	CWS-SP13
12	3	10x8		TEE (RED) BLK STL S40 BW	CWS-SP13
13	1	2		Millwaukee Ball Valve BA-400S-XH	CWS-SP13
14	1	2		Fig. 388 Square Head Plugs (Solid)	CWS-SP13

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

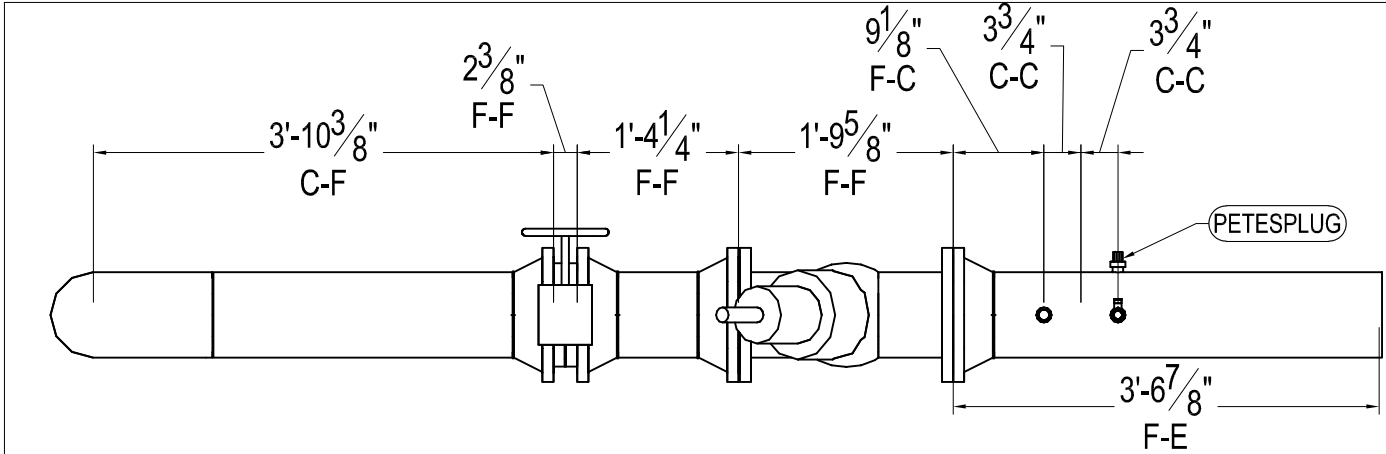
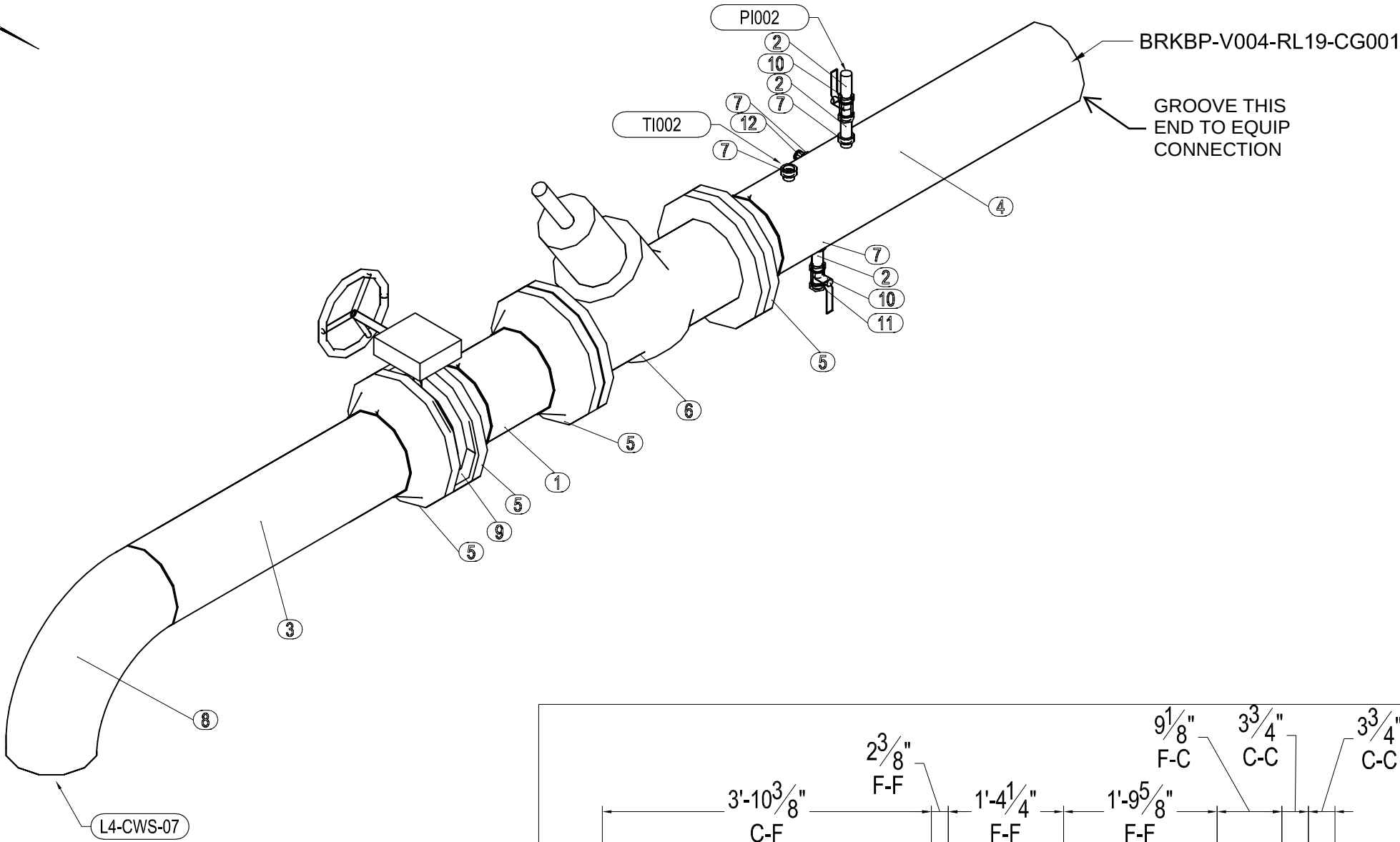
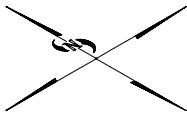
SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST
& CUT LIST
- SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWS-07





LINEAR FEET OF PIPE = 7'-2 1/4"

MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	1	8	8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	3	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWS-SP13
3	1	8	2'-6 1/8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
4	1	8	3'-3 1/16"	Sch 40 A-53 Blk Pipe PExG	CWS-SP13
5	4	8		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13
6	1	CB-8F		B&G Flanged Circuit Setter	CWS-SP13
7	4	3/4x8		OLET FS 3000LB THRD	CWS-SP13
8	1	8		ELBOW 90 LR BLK STL S40 BW	CWS-SP13
9	1	8		Milwaukee BFV ML333E 2-12in	CWS-SP13
10	2	3/4		Milwaukee Ball Valve BA-200	CWS-SP13
11	1	3/4		Fig. 388 Square Head Plugs (Solid)	CWS-SP13
12	1	1/2		Pete's Plug II Neoprene Core	CWS-SP13

ISO VIEW

PLAN VIEW

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

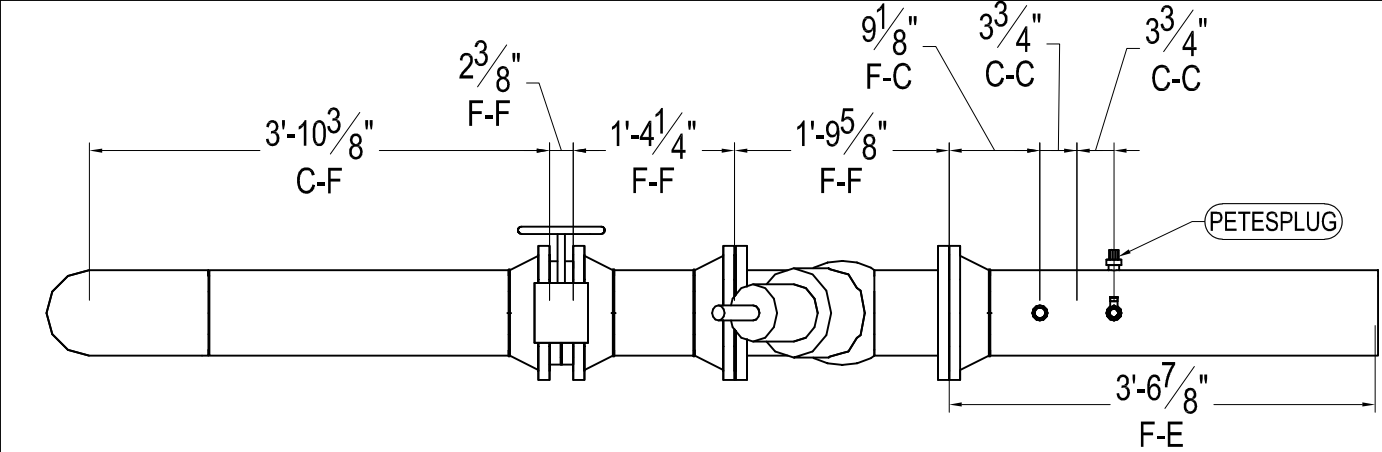
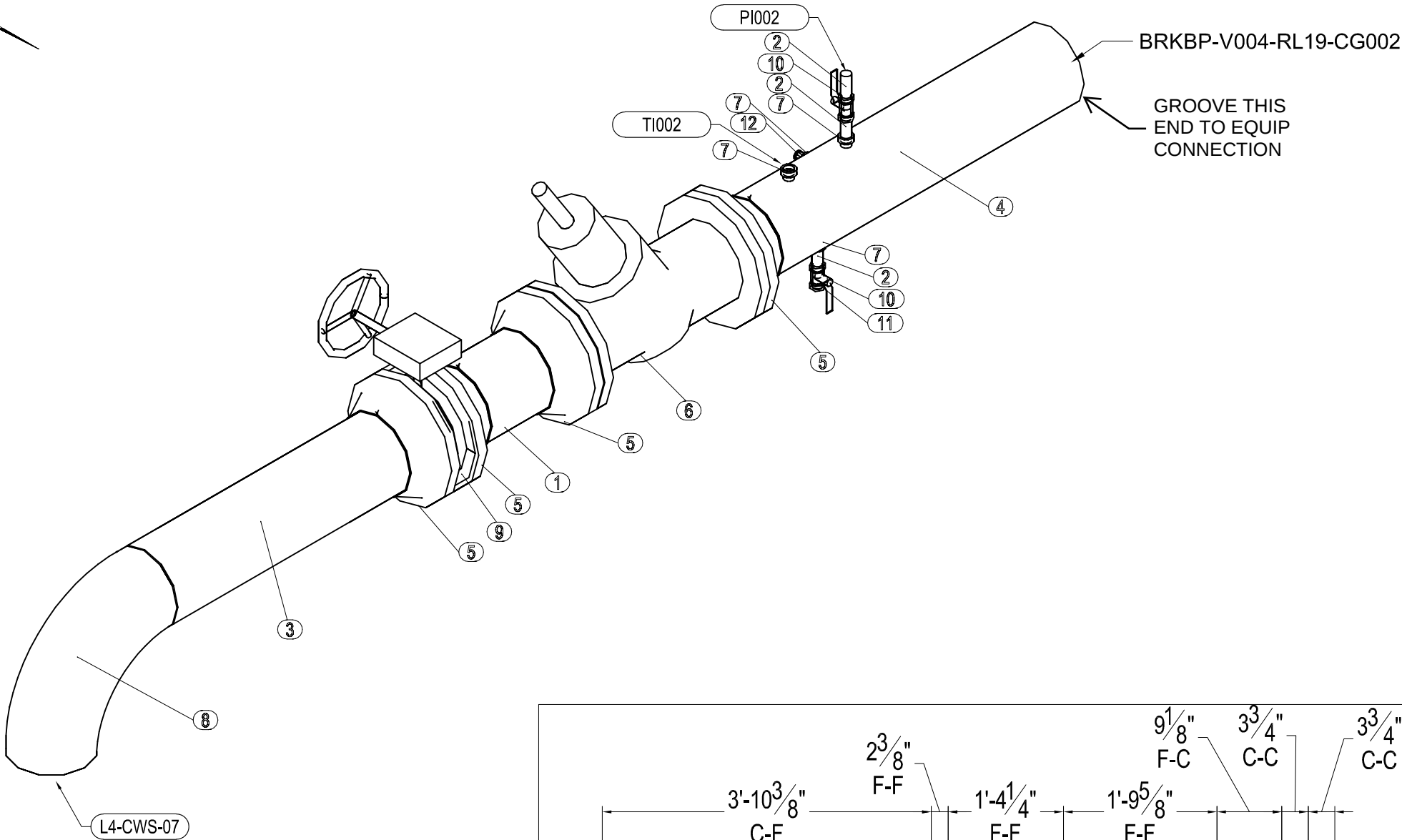
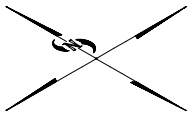
SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST
& CUT LIST
- SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWS-BRKBP69-V004-RL19-CG-001





ISO VIEW

PLAN VIEW

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

SYMBOL LEGEND

-  WELD BOX
-  SLOPE BOX
-  VALVE TAG NO.
-  MAT'L LIST & CUT LIST
-  SLOPE DIR.

MP Bill of Material

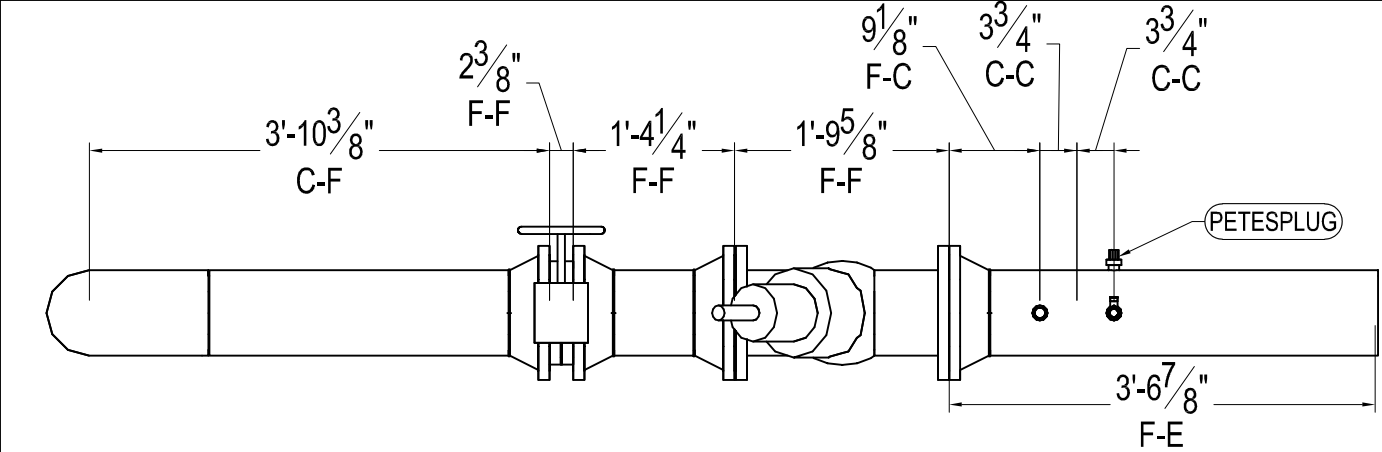
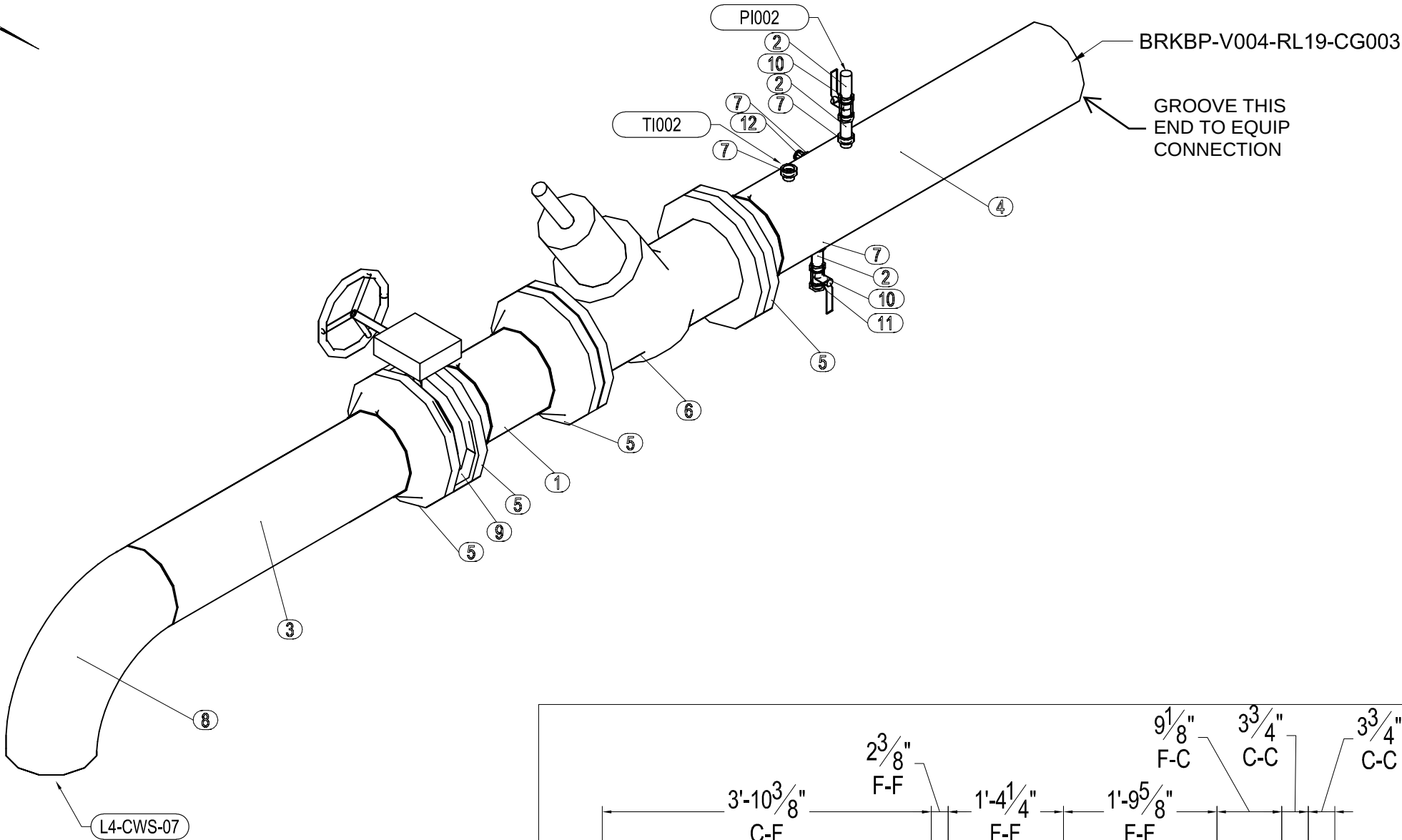
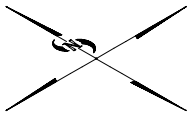
No.	Qty	Size	Length	Item	Service
1	1	8	8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	3	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWS-SP13
3	1	8	2'-6 1/8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
4	1	8	3'-3 1/16"	Sch 40 A-53 Blk Pipe PEXG	CWS-SP13
5	4	8		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13
6	1	CB-8F		B&G Flanged Circuit Setter	CWS-SP13
7	4	3/4x8		OLET FS 3000LB THRD	CWS-SP13
8	1	8		ELBOW 90 LR BLK STL S40 BW	CWS-SP13
9	1	8		Milwaukee BFV ML333E 2-12in	CWS-SP13
10	2	3/4		Milwaukee Ball Valve BA-200	CWS-SP13
11	1	3/4		Fig. 388 Square Head Plugs (Solid)	CWS-SP13
12	1	1/2		Pete's Plug II Neoprene Core	CWS-SP13

LINEAR FEET OF PIPE = 7'-2 1/4"

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWS-BRKBP69-V004-RL19-CG-002





MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	1	8	8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	3	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWS-SP13
3	1	8	2'-6 1/8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
4	1	8	3'-3 1/16"	Sch 40 A-53 Blk Pipe PEXG	CWS-SP13
5	4	8		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13
6	1	CB-8F		B&G Flanged Circuit Setter	CWS-SP13
7	4	3/4x8		OLET FS 3000LB THRD	CWS-SP13
8	1	8		ELBOW 90 LR BLK STL S40 BW	CWS-SP13
9	1	8		Milwaukee BFV ML333E 2-12in	CWS-SP13
10	2	3/4		Milwaukee Ball Valve BA-200	CWS-SP13
11	1	3/4		Fig. 388 Square Head Plugs (Solid)	CWS-SP13
12	1	1/2		Pete's Plug II Neoprene Core	CWS-SP13

LINEAR FEET OF PIPE = 7'-2 1/4"

ISO VIEW

PLAN VIEW

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

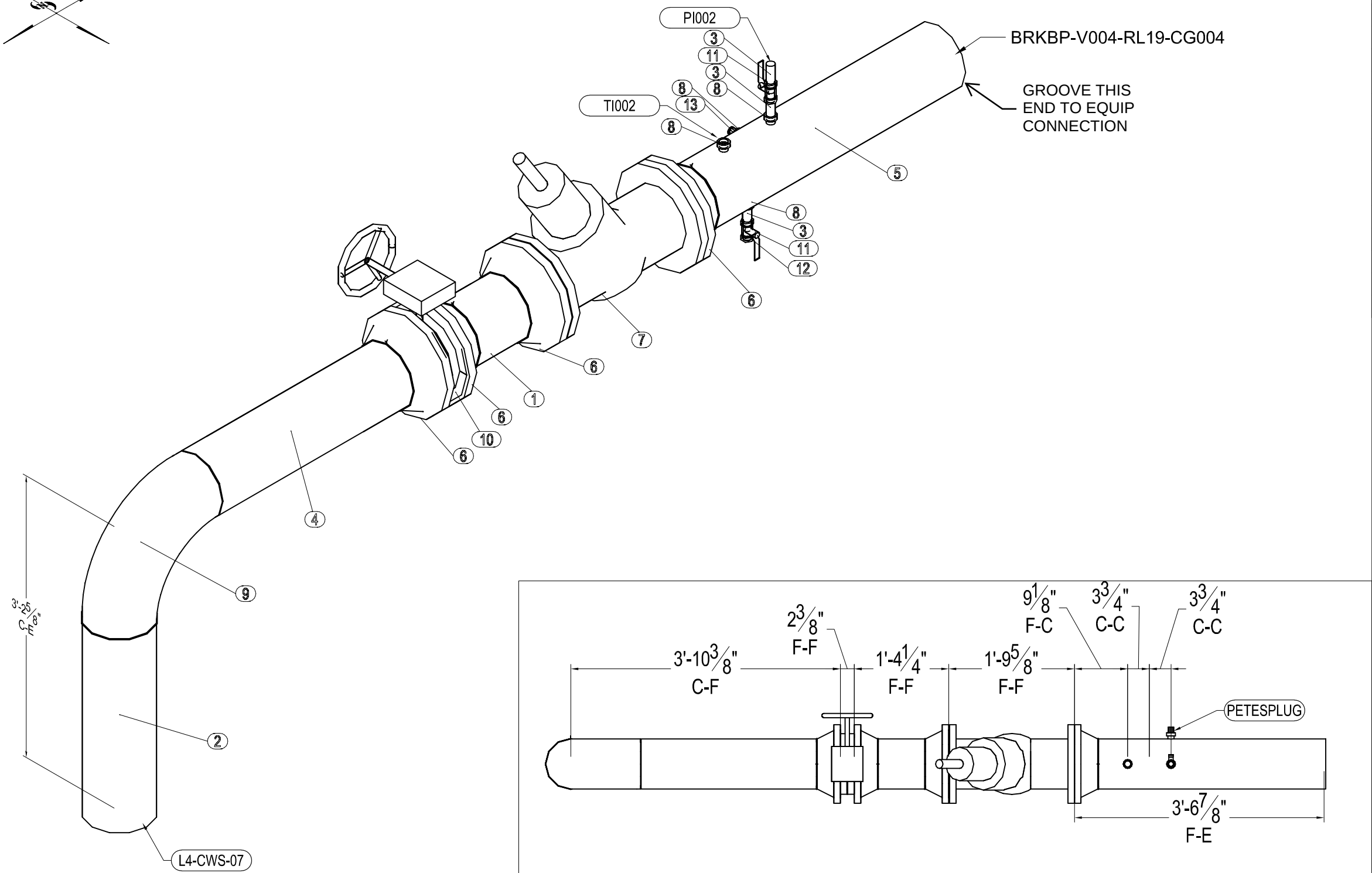
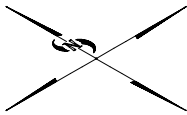
SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST & CUT LIST
- SLOPE DIR.

REF.PLAN: CWSR-ISO-MAP-L4

DRAWING NUMBER: L4-CWS-BRKBP69-V004-RL19-CG-003





ISO VIEW

PLAN VIEW

BY: DATE:

SLOPE VERIFICATION

BY: DATE:

SYMBOL LEGEND

- WELD BOX
- SLOPE BOX
- VALVE TAG NO.
- MAT'L LIST & CUT LIST
- SLOPE DIR.

MP Bill of Material

No.	Qty	Size	Length	Item	Service
1	1	8	8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
2	1	8	2'-2 9/16"	PIPE BLK STL S40 A53 ERW	CWS-SP13
3	3	3/4	3"	PIPE BLK STL S80 A106 SMLS TBE	CWS-SP13
4	1	8	2'-6 1/8"	PIPE BLK STL S40 A53 ERW	CWS-SP13
5	1	8	3'-3 1/16"	Sch 40 A-53 Blk Pipe PEXG	CWS-SP13
6	4	8		FLANGE WN 150LB BLK STL S40 RF	CWS-SP13
7	1	CB-8F		B&G Flanged Circuit Setter	CWS-SP13
8	4	3/4x8		OLET FS 3000LB THRD	CWS-SP13
9	1	8		ELBOW 90 LR BLK STL S40 BW	CWS-SP13
10	1	8		Milwaukee BFV ML333E 2-12in	CWS-SP13
11	2	3/4		Milwaukee Ball Valve BA-200	CWS-SP13
12	1	3/4		Fig. 388 Square Head Plugs (Solid)	CWS-SP13
13	1	1/2		Pete's Plug II Neoprene Core	CWS-SP13

LINEAR FEET OF PIPE = 9'-4 3/4"



Murray
Company