

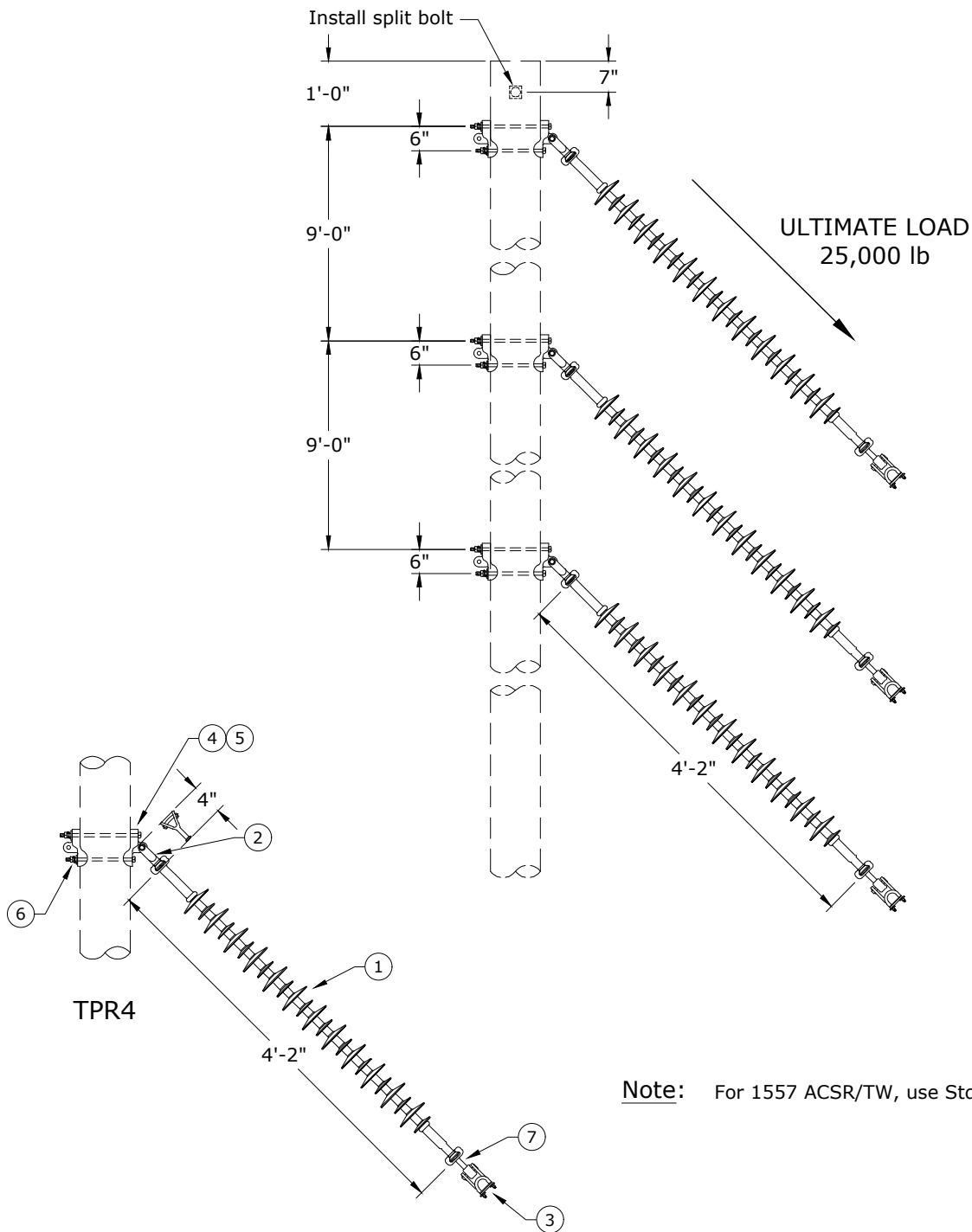
1800

TRANSMISSION

2/11/2025

~	TC22, -P	115kV Vertical Turn - 30° to 60°
~	TC25, -LC, -P	115kV Vertical Double Deadend - 0°
~	TC41, -P	115kV Vertical Deadend
~	TC44, -P	115kV Vertical Double Deadend - 60° to 90°
~	TFT1,TFT1LC	115kV Flat Top
C	THPA, -LC	115kV Twiggy - 0° to 4°
~	THPB, -LC	115kV Reverse Twiggy - 5° to 20°
~	TSW, -P	115kV Opposing Phase Vertical Switch
C	TV21, -LC	115kV Opposing Phase w/Post Top
~	TV22, -LC	115kV Opposing Phase - 0° to 4°
~	TV23, -LC	115kV Vertical - 0° to 10°
C	TV24, -LC	115kV Vertical w/Post Top - 0° to 4°
~	TV25	115kV Vertical - 11° to 30°

N New Standard
R Redrawn Standard
C Changed Standard
~ No Change



Rev. 2 - Updated material, removed static wire, and added note.

ITEM NO.	DESCRIPTION	TC22		TC22P *	
		TPR4(3)		TPR4P(3)	
		QTY.	S/N	QTY.	S/N
1	Insulator, Suspension, Polymer, 115kV, 30,000 lb Ultimate	3	2350	3	2350
2	Clevis, Y-Ball, 30,000 lb Ultimate	3	320	3	320
3	Clamp, Suspension, Socket, 336 ACSR To 900 ACSR Bare, 25,400 lb Ult	3	307	3	308
4	Plate, Pole Eye, Heavy, 36,000 lb Ultimate	6	1908	6	1908
5	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	6	1901	6	1901
6	Washer, Lock, Spring, Double Coil, Galv., 7/8"	6	2351	6	2351
7	Socket/Eye, 13/16" Eye, 1" Wide Base	3	1681	3	1681



CONSTRUCTION STANDARDS

115kV TRANSMISSION
VERTICAL TURN-30° TO 60°
336 ACSR TO 900 ACSR BARE

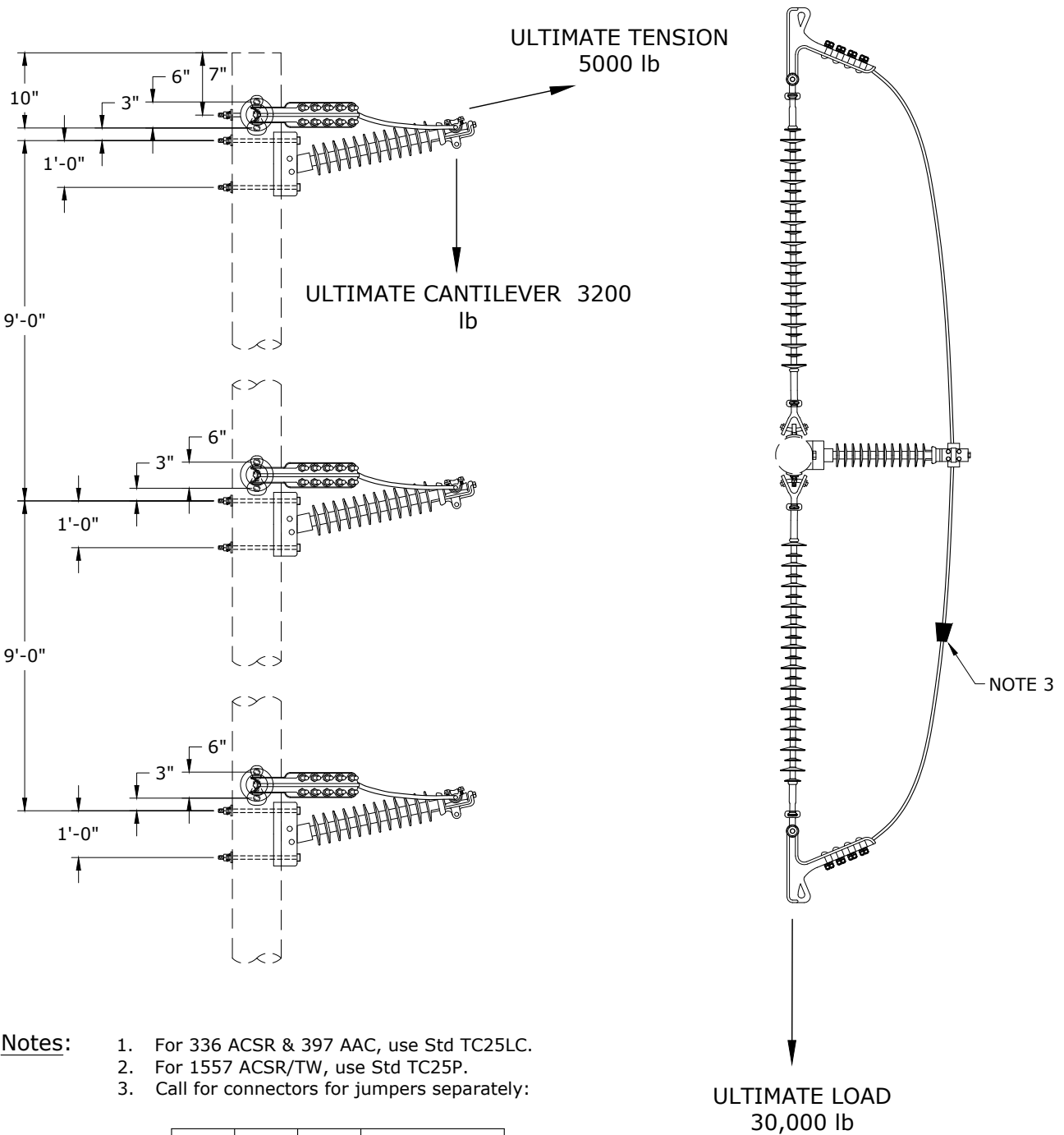
PAGE:
1 of 1

TC22, TC22P

CAD FILE:
TC22

REVISIONS

REV	DATE	ENGR	OPS
1	8/01	REDRAWN	IN CAD
2	8/23/17	CM	DK
APP:		SECTION	
DATE: 8/5/66		1800	



Notes:

1. For 336 ACSR & 397 AAC, use Std TC25LC.
2. For 1557 ACSR/TW, use Std TC25P.
3. Call for connectors for jumpers separately:

Wire Size	S/N	Qty	Type
336	2501	3	Wedge
397	2501	3	Wedge
795	2477	3	Wedge
900	2451	3	Compression
1557	2778	3	Compression

Rev. 4 - Changed machine bolts to DA bolts.



CONSTRUCTION STANDARDS

115KV TRANSMISSION
VERTICAL DOUBLE DEADEND
795 AAC TO 900 ACSR BARE

PAGE:
1 of 2

TC25,TC25LC,TC25P

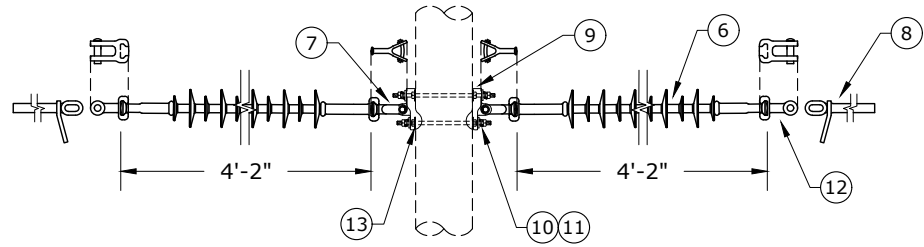
CAD FILE:
TC25

REVISIONS

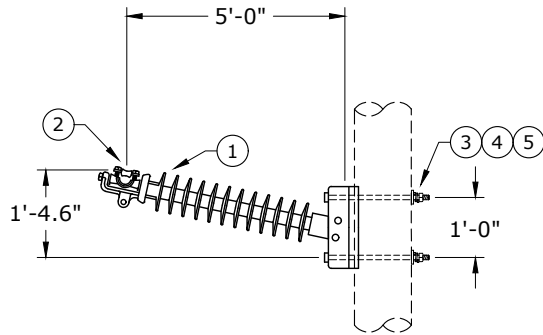
△ R	DATE	ENGR	OPS
1	8/01	REDRAWN	IN CAD
2	8/23/17	CM	DK
3	5/4/20	JK	
4	12/28/20	KJP	

APP: PS/RW
DATE: 2/70

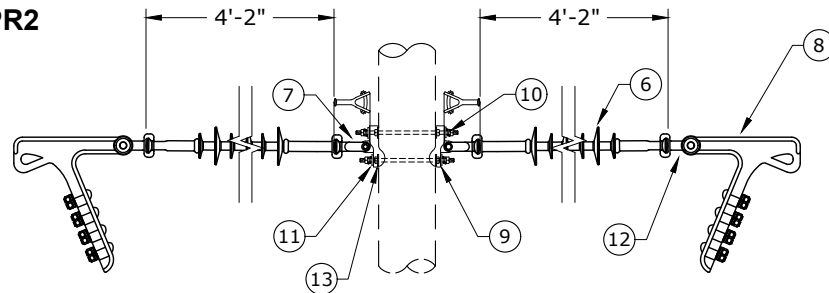
SECTION
1800



TPR6P



TPR2



TPR6

Rev. 4 - Changed machine bolts to DA bolts.

ITEM NO.	DESCRIPTION	TC25		TC25LC*		TC25P *	
		TPR2 (3)		TPR2LC (3)		TPR2 (3)	
		QTY.	S/N	QTY.	S/N	QTY.	S/N
1	Insulator, Line Post Horz, 115kV, 3200 lb Ult Cantilever	3	2346	3	2346	3	2346
2	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	3	317	3	316	3	317
3	Bolt, Machine, 7/8" x 16", Galv, 25,400 lb Ultimate	6	1901	6	1901	6	1901
4	Washer, Curved, Cast, 4" x 6"	6	1911	6	1911	6	1911
5	Washer, Lock, Spring, Double Coil, Galv, 7/8"	6	2351	6	2351	6	2351
ITEM NO.	DESCRIPTION	TPR6(3)		TPR6(3)		TPR6P(3)	
		QTY.	S/N	QTY.	S/N	QTY.	S/N
		QTY.	S/N	QTY.	S/N	QTY.	S/N
6	Insulator, Suspension, Polymer, 115kV, 30,000 lb Ultimate	6	2350	6	2350	6	2350
7	Clevis, Y-Ball, 30,000 lb Ultimate	6	320	6	320	6	320
8	Clamp, Strain/ Deadend, Compression	6	2467	6	2467	6	2421
9	Plate, Pole Eye, 36,000 lb Ultimate	6	1908	6	1908	6	1908
10	Bolt, Double Arm, 7/8" x 20", Galv, 25,400 lb Ultimate	6	2980	6	2980	6	2980
11	Washer, Lock, Spring, Double Coil, Galv, 7/8"	12	2351	12	2351	12	2351
12	Socket/Eye, 13/16" Eye, 1" Wide Base/ Clevis, Socket	6	1681	6	1681	6	333
13	Washer, Flat Round Galv, 7/8"	12	2978	12	2978	12	2978



CONSTRUCTION STANDARDS

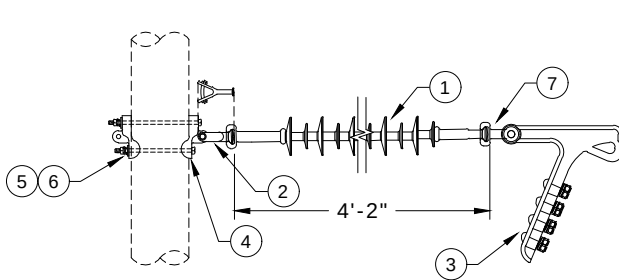
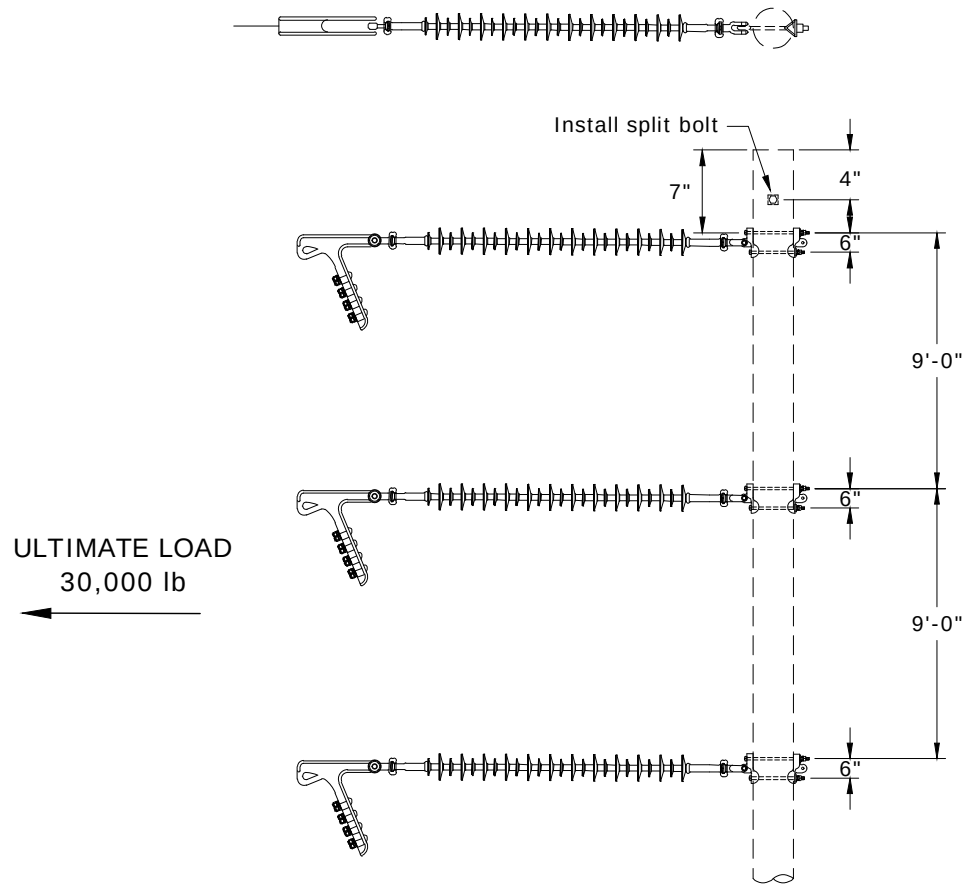
115kV TRANSMISSION
VERTICAL DOUBLE DEADEND
795 AAC TO 900 ACSR BARE

PAGE:
2 of 2

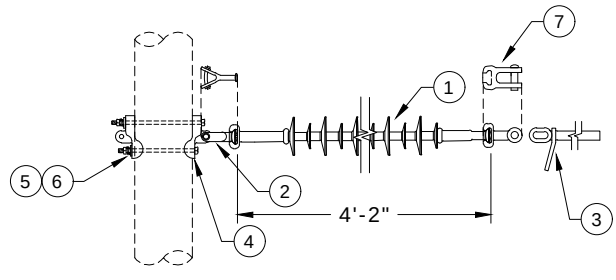
TC25,TC25LC,TC25P

CAD FILE:
TC25

REVISIONS			
R	DATE	ENGR	OPS
1	8/01	REDRAWN	IN CAD
2	8/23/17	CM	DK
3	5/4/20	JK	
4	12/28/20	KJP	
APP: PS/RW			
DATE: 2/70			
SECTION 1800			



TPR5



TPR5P

Note: For 1557 ACSR/TW, use Std TC41P.

Rev. 2 - Updated material, removed static wire, added note and TC41P.

ITEM NO.	DESCRIPTION	TC41		TC41P	
		TPR5 (3)		TPR5P (3)	
		QTY.	S/N	QTY.	S/N
1	Insulator, Suspension, Polymer, 115kV, 30,000 lb Ultimate	3	2350	3	2350
2	Clevis, Y-Ball, 30,000 lb Ultimate	3	320	3	320
3	Clamp, Strain, 336 ACSR To 900 ACSR Bare, D.E., 30,000 lb Ultimate	3	2467	3	2421
4	Plate, Pole Eye, 36,000 lb Ultimate	6	1908	6	1908
5	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	6	1901	6	1901
6	Washer, Lock, Spring, Double Coil, Galv., 7/8"	6	2351	6	2351
7	Socket/Eye, 13/16" Eye, 1" Wide Base	3	1681	3	333



CONSTRUCTION STANDARDS

115kV TRANSMISSION
VERTICAL DEADEND
336 ACSR TO 900 ACSR BARE

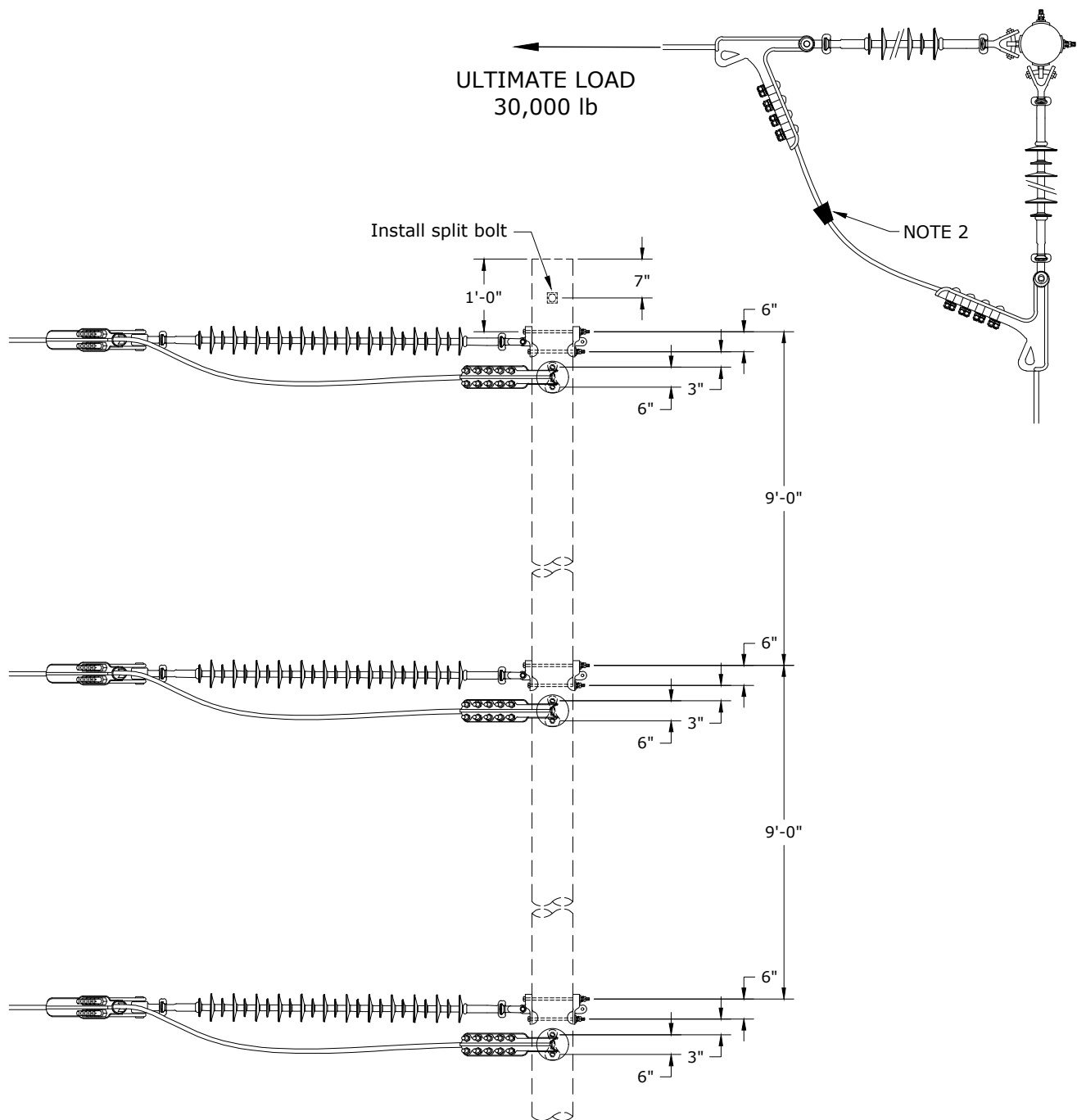
PAGE:
1 of 1

TC41,TC41P

CAD FILE:
TC41

REVISIONS

Δ	DATE	ENGR	OPS
1	8/01	REDRAWN	IN CAD
2	8/23/17	CM	DK
APP: DATE: 8/5/66			
SECTION			1800



- Notes:**
1. For 1557 ACSR/TW, use Std TC44P.
 2. Call for connectors for jumpers separately:

Wire Size	S/N	Qty	Type
336	2501	3	Wedge
397	2501	3	Wedge
795	2477	3	Wedge
900	2451	3	Compression
1557	2778	3	Compression

Rev. 2 - Updated material, removed static wire, added note and TC44P.



CONSTRUCTION STANDARDS

115kV TRANSMISSION
VERTICAL DOUBLE DEADEND-60° TO 90°
336 ACSR TO 900 ACSR BARE

PAGE:
1 of 2

TC44,TC44P

CAD FILE:
TC44

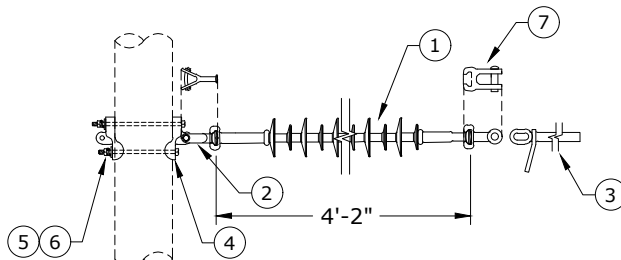
REVISIONS

△ R	DATE	ENGR	OPS
1	8/01	REDRAWN	IN CAD
2	8/23/17	CM	DK

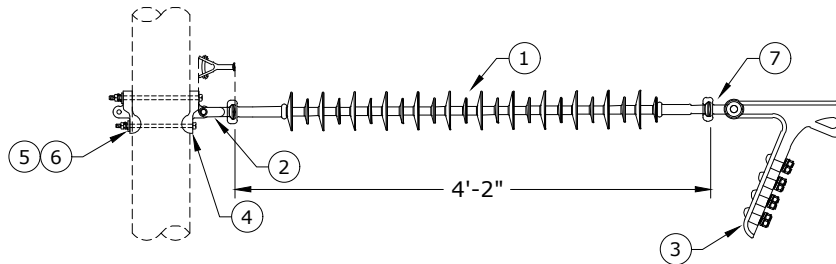


APP:
DATE: 8/5/66

SECTION
1800



TPR5P



TPR5

Rev. 2 - Updated material, removed static wire, added note and TC44P.

ITEM NO.	DESCRIPTION	TC44		TC44P *	
		TPR5 (6)		TPR5P (6)	
		QTY.	S/N	QTY.	S/N
1	Insulator, Suspension, Polymer, 115kV, 30,000 lb Ultimate	6	2350	6	2350
2	Clevis, Y-Ball, 30,000 lb Ultimate	6	320	6	320
3	Clamp, Strain, 336 ACSR To 900 ACSR Bare, D.E., 30,000 lb Ultimate	6	2467	6	2421
4	Plate, Pole Eye, 36,000 lb Ultimate	12	1908	12	1908
5	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	12	1901	12	1901
6	Washer, Lock, Spring, Double Coil, Galv., 7/8"	12	2351	12	2351
7	Socket/Eye, 13/16" Eye, 1" Wide Base	6	1681	6	333



CONSTRUCTION STANDARDS

115kV TRANSMISSION
VERTICAL DOUBLE DEADEND-60° TO 90°
336 ACSR TO 900 ACSR BARE

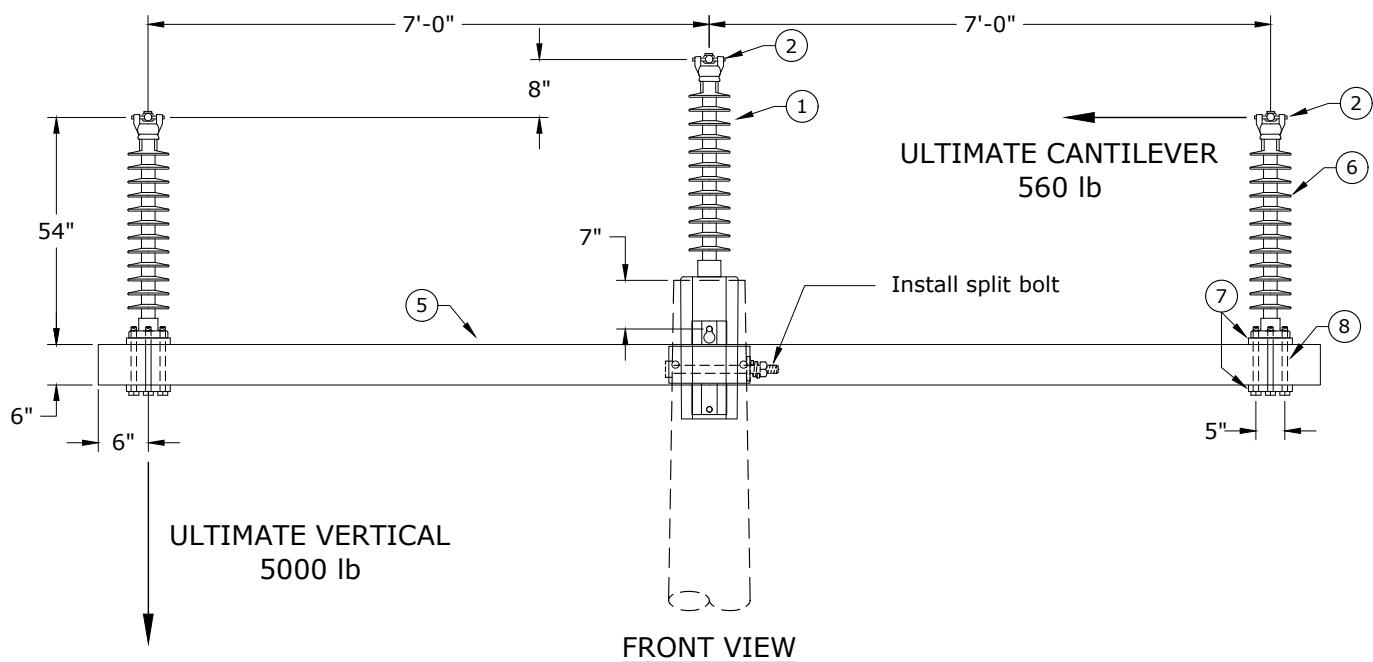
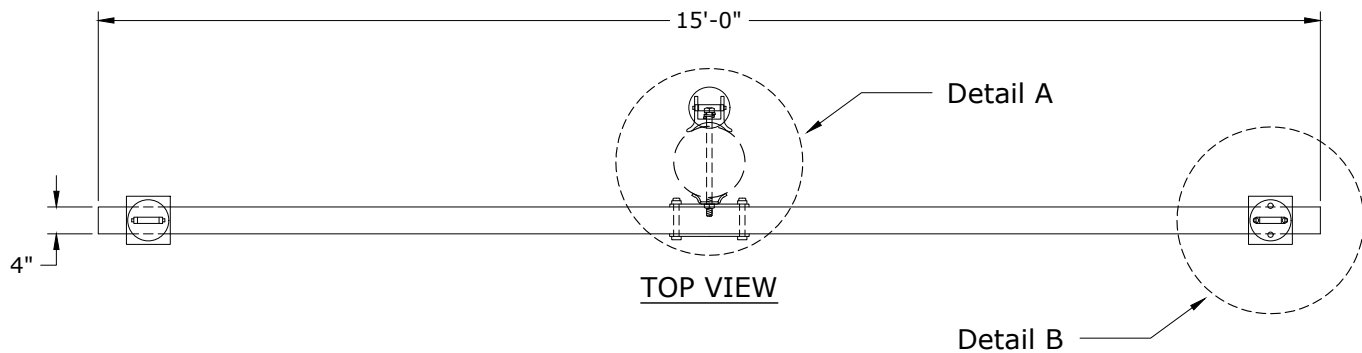
PAGE:
2 of 2

TC44,TC44P

CAD FILE:
TC44

REVISIONS

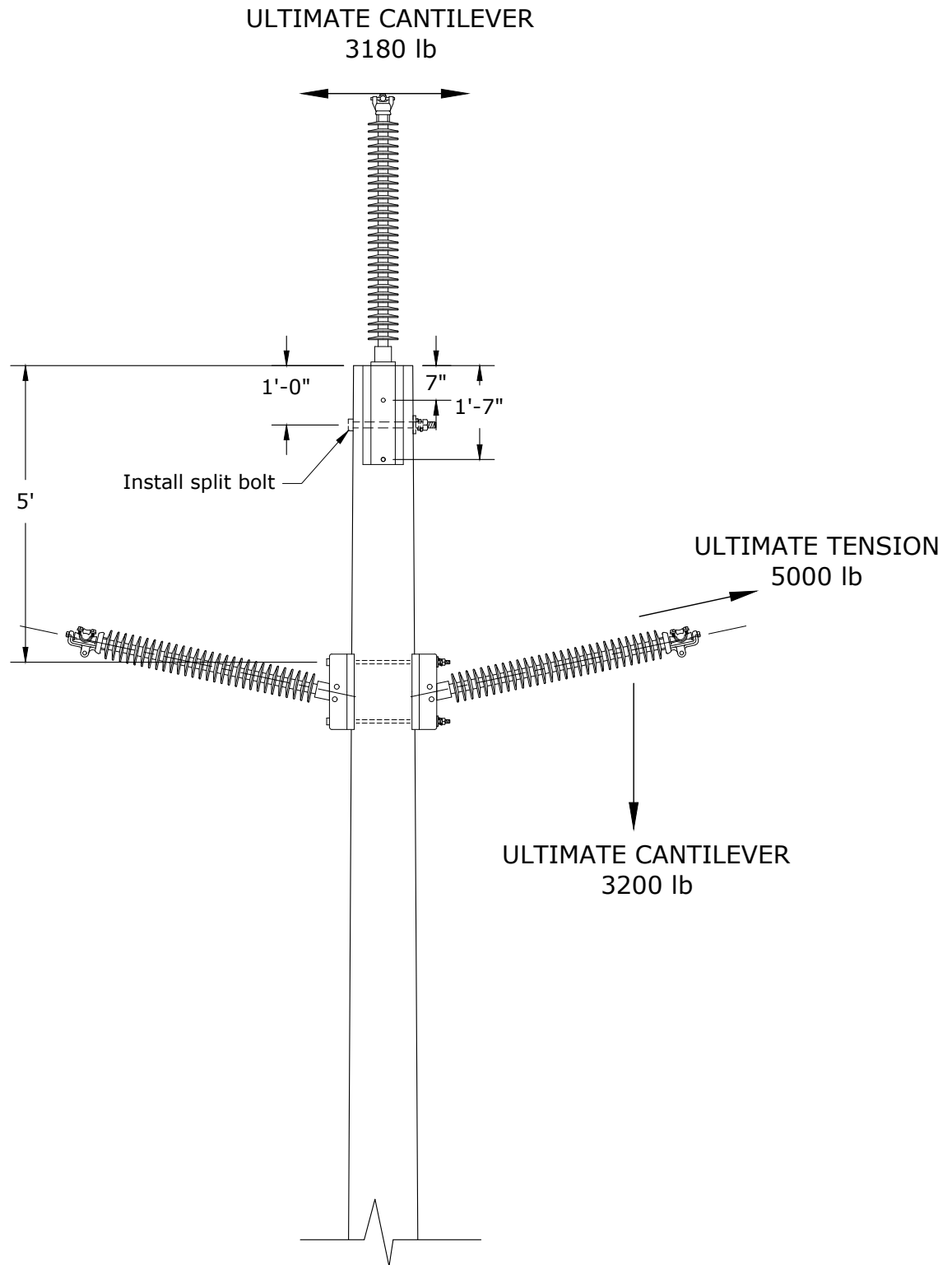
Δ	DATE	ENGR	OPS
1	8/01	REDRAWN	IN CAD
2	8/23/17	CM	DK
Δ			
APP:			SECTION
DATE: 8/5/66			1800



CONSTRUCTION STANDARDS

115kV TRANSMISSION
FLAT TOP
795 AAC TO 1557 ACSR/TW

REVISIONS			
	DATE	ENGR	OPS
APP:	CM/GM	SECTION	
DATE:	11/19/20	1800	



Note: For 336 ACSR and 397 AAC, use Std THPALC.

Rev. 4- Updated spacing to make equilateral distance between transmission cable.



CONSTRUCTION STANDARDS

115kV TRANSMISSION
TWIGGY FRAMING-0° TO 4°
795 AAC TO 1557 ACSR/TW

PAGE:
1 of 2

THPA, THPALC

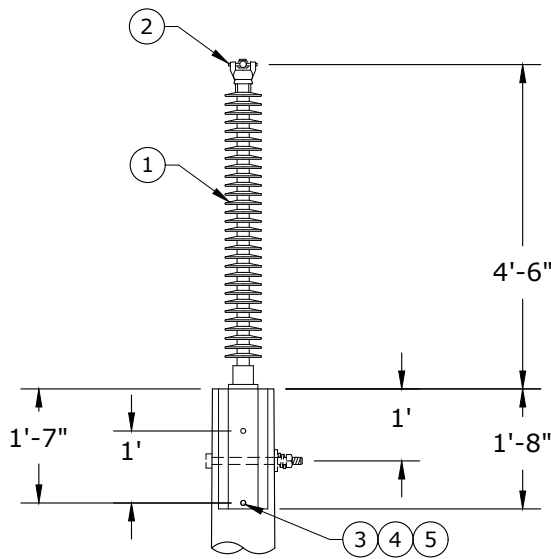
CAD FILE:
xTHPA

REVISIONS

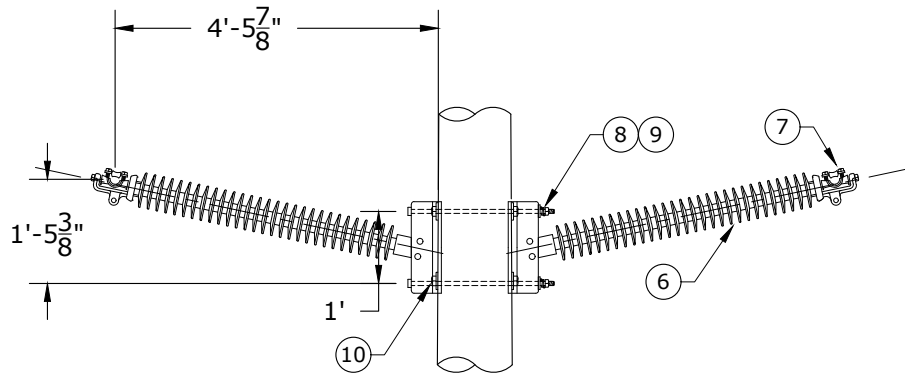
△ R	DATE	ENGR	OPS
1	8/23/17	CM	DK
2	5/4/20	JK	
3	12/28/20	KJP	
4	2/11/25	CM	GM

APP: TRO
DATE: 8/96

SECTION
1800



TPR1



TPR3

Rev. 4- Updated spacing to make equilateral distance between transmission cable.

ITEM NO.	DESCRIPTION	THPA TPR1		THPALC TPR1LC	
		QTY.	S/N	QTY.	S/N
1	Insulator, Line Post Vertical, 115kV, 3180 lb Ultimate Cantilever	1	2345	1	2345
2	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	1	317	1	316
3	Bolt, Machine, 7/8" x 16", Galv, 25,400 lb Ultimate Tensile	2	1901	2	1901
4	Washer, Curved, Cast, 4" x 6"	2	1911	2	1911
5	Washer, Lock, Spring, Double Coil, Galv, 7/8"	2	2351	2	2351
ITEM NO.	DESCRIPTION	TPR3		TPR3LC	
		QTY.	S/N	QTY.	S/N
6	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	2	2346	2	2346
7	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	2	317	2	316
8	Bolt, Double Arm, 7/8" x 26", Galv, 25,400 lb Ultimate Tensile	2	2983	2	2983
9	Washer, Lock, Spring, Double Coil, Galv, 7/8"	4	2351	4	2351
10	Washer, Flat Round, Galv, 7/8"	4	2978	4	2978



CONSTRUCTION STANDARDS

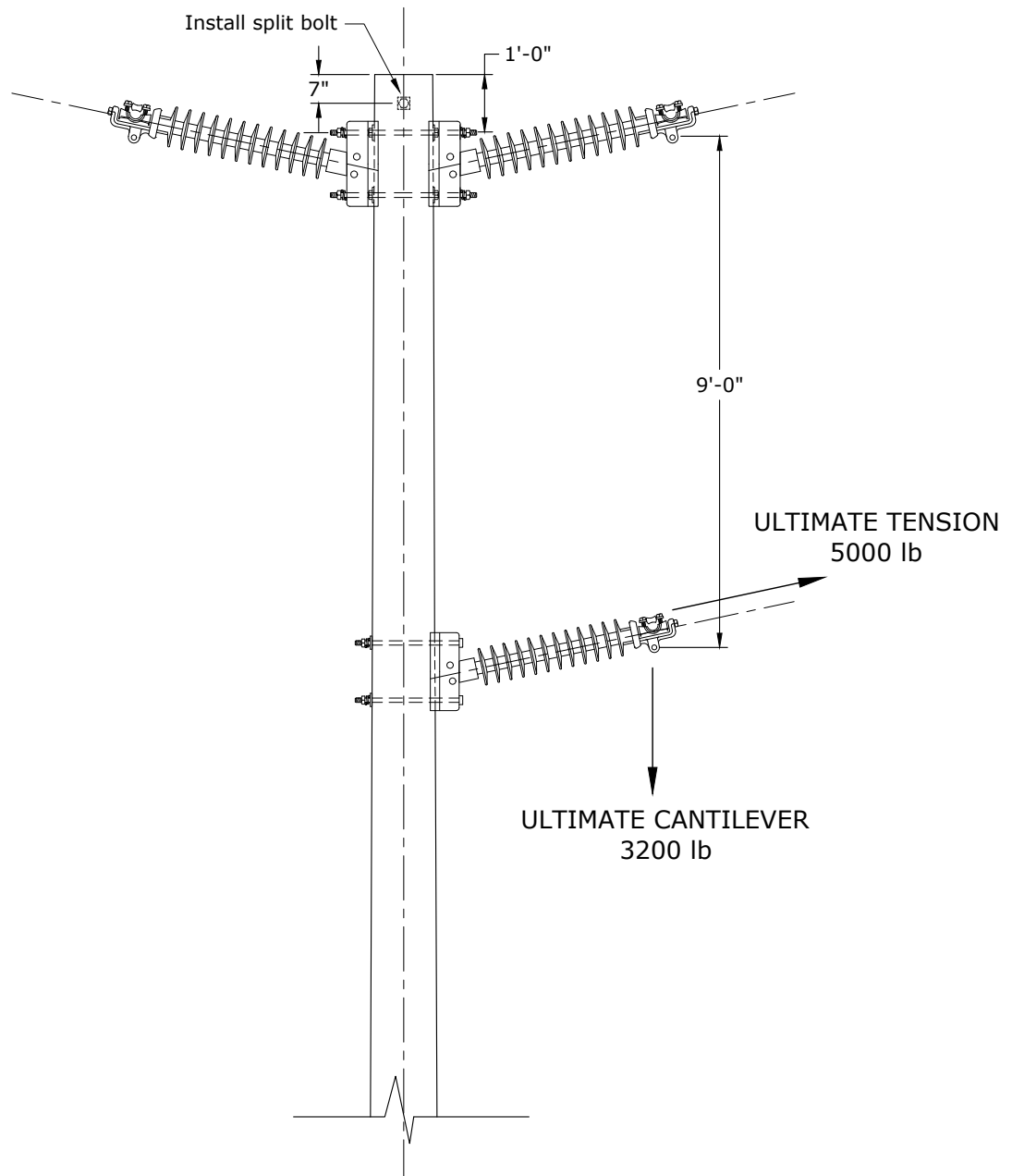
115kV TRANSMISSION
TWIGGY FRAMING-0° TO 4°
795 AAC TO 1557 ACSR/TW

PAGE:
2 of 2

THPA, THPALC

CAD FILE:
THPA

REVISIONS			
R	DATE	ENGR	OPS
1	8/23/17	CM	DK
2	5/4/20	JK	
3	12/28/20	KJP	
4	2/11/25	CM	GM
APP: TRO			
DATE: 8/96			
SECTION 1800			



Note: For 336 ACSR and 397 AAC, use Std THPBLC.

Rev. 2 - Changed machine bolts to DA bolts.



CONSTRUCTION STANDARDS

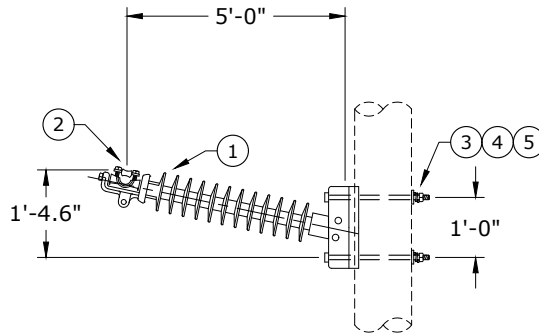
115KV TRANSMISSION
REVERSE TWIGGY-5° TO 20°
795 AAC TO 1557 ACSR/TW

PAGE:
1 of 2

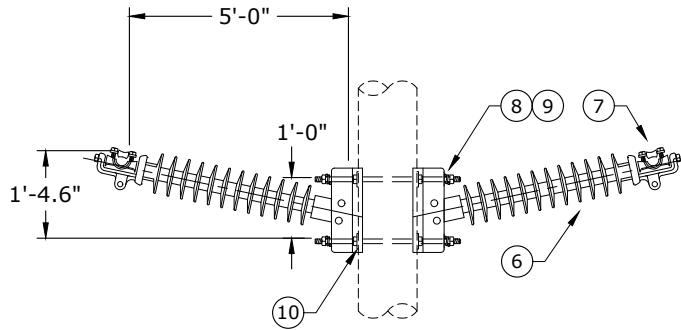
THPB, THPBLC

CAD FILE:
THPB

REVISIONS			
△	DATE	ENGR	OPS
1	5/4/20	JK	
2	12/28/20	KJP	
APP: CM/DK		SECTION	
DATE: 8/23/17		1800	



TPR2



TPR3

Rev. 2 - Changed machine bolts to DA bolts.

ITEM NO.	DESCRIPTION	THPB TPR2		THPBL TPR2LC	
		QTY.	S/N	QTY.	S/N
1	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	1	2346	1	2346
2	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	1	317	1	316
3	Bolt, Machine, 7/8" x 16", Galv, 25,400 lb Ultimate Tensile	2	1901	2	1901
4	Washer, Curved, Cast, 4" x 6"	2	1911	2	1911
5	Washer, Lock, Spring, Double Coil, Galv., 7/8"	2	2351	2	2351
ITEM NO.	DESCRIPTION	TPR3		TPR3LC	
		QTY.	S/N	QTY.	S/N
6	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	2	2346	2	2346
7	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	2	317	2	316
8	Bolt, Double Arm, 7/8" x 26", Galv, 25,400 lb Ultimate Tensile	2	2983	2	2983
9	Washer, Lock, Spring, Double Coil, Galv, 7/8"	4	2351	4	2351
10	Washer, Flat Round, Galv, 7/8"	4	2978	4	2978



CONSTRUCTION STANDARDS

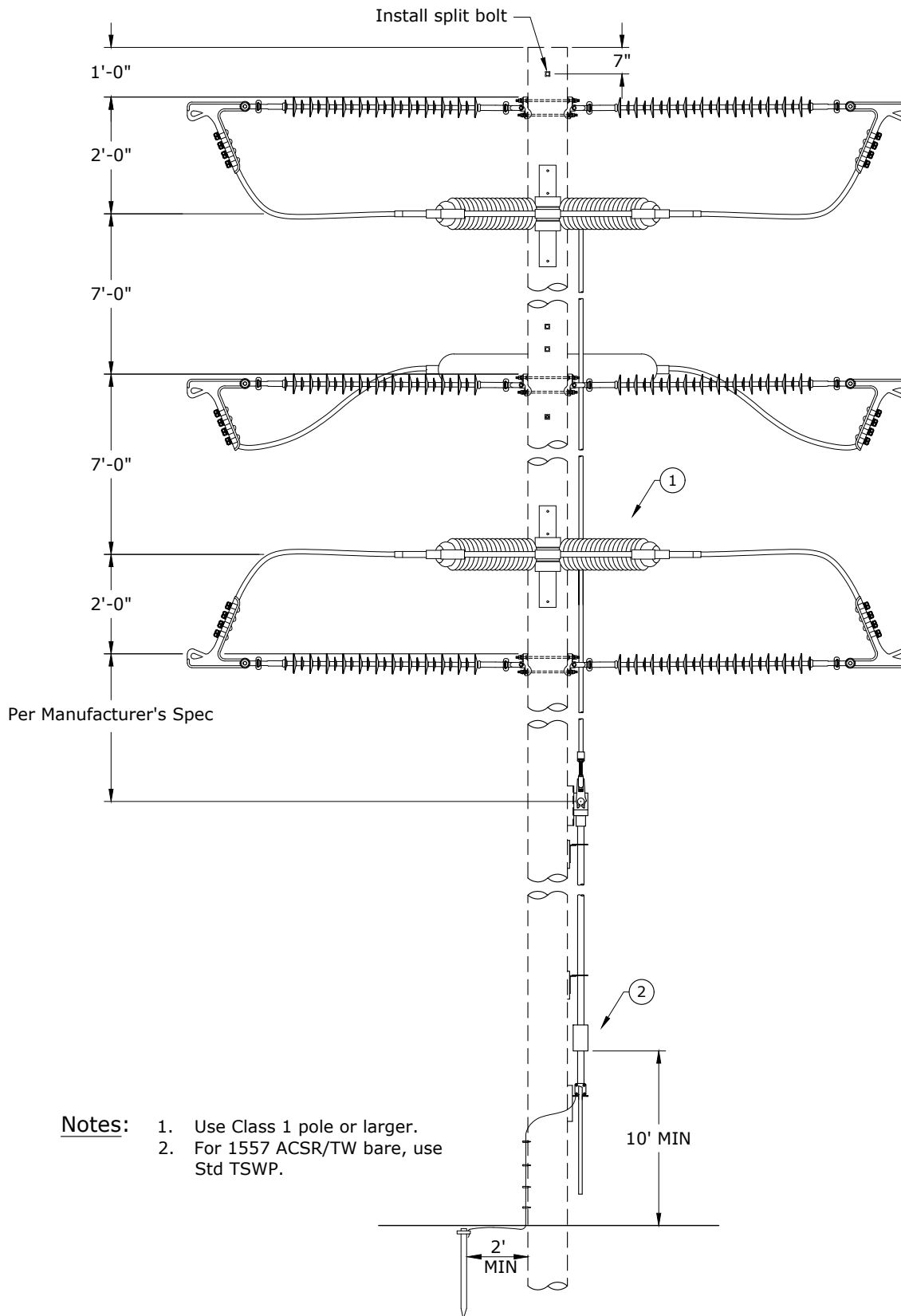
115KV TRANSMISSION
REVERSE TWIGGY-5° TO 20°
795 AAC TO 1557 ACSR/TW

PAGE:
2 of 2

THPB,THPBL

CAD FILE:
THPB

REVISIONS			
Δ	DATE	ENGR	OPS
1	5/4/20	JK	
2	12/28/20	KJP	
APP: CM/DK		SECTION	
DATE: 8/23/17		1800	



- Notes:**
1. Use Class 1 pole or larger.
 2. For 1557 ACSR/TW bare, use Std TSWP.

Rev. 5 - Changed machine bolts to DA bolts.



CONSTRUCTION STANDARDS

115kV TRANSMISSION
OPPOSING PHASE VERTICAL SWITCH
336 ACSR TO 900 ACSR

PAGE:
1 of 2

TSW, TSWP

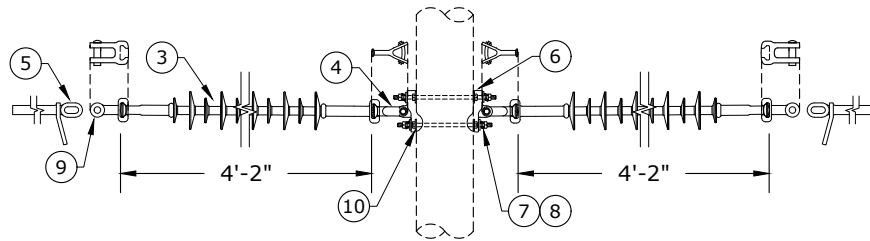
CAD FILE:
TSW

REVISIONS

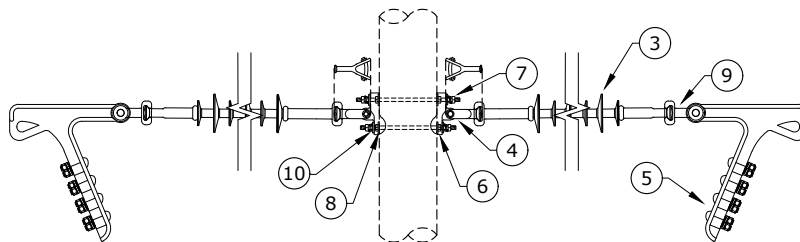
R	DATE	ENGR	OPS
2	3/24/72	RHJ	
3	11/7/73	CMK	
4	8/23/17	DK	
5	12/29/20	KJP	

APP: PS/RV
DATE: 2/66

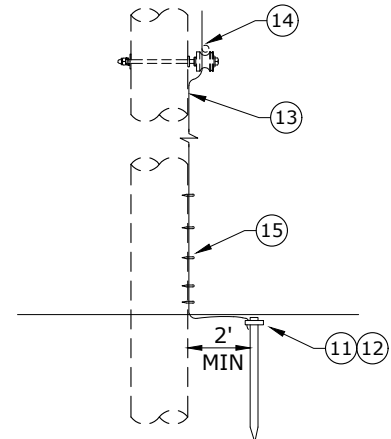
SECTION
1800



TPR6P



TPR6



N1

Rev. 5 - Changed machine bolts to DA bolts.

ITEM NO.	DESCRIPTION	TSW SWITCH		TSWP SWITCH	
		QTY	S/N	QTY	S/N
1	Switch, AB Vert. 1200A 115kV, Phase Over Phase	1	1273	1	1273
2	Insulator, Control Rod, 2" IPS	1	2989	1	2989
ITEM NO.	DESCRIPTION	TPR6 (3)		TPR6P (3)	
		QTY	S/N	QTY	S/N
3	Insulator, Suspension, Polymer, 115kV, 30,000 lb Ultimate	6	2350	6	2350
4	Clevis, Y-Ball, 30,000 lb Ultimate	6	320	6	320
5	Clamp, Strain/ Deadend, Compression	6	2467	6	2421
6	Plate, Pole Eye, 36,000 lb Ultimate	6	1908	6	1908
7	Bolt, Double Arm, 7/8" x 20", Galv., 25,400 lb Ultimate	6	2980	6	2980
8	Washer, Lock, Spring, Double Coil, Galv, 7/8"	12	2351	12	2351
9	Socket/Eye, 13/16" Eye, 1" Wide Base/ Clevis, Socket	6	1681	6	333
10	Washer, Flat Round Galv, 7/8"	12	2978	12	2978
ITEM NO.	DESCRIPTION	N1		N1	
		QTY	S/N	QTY	S/N
11	Rod, Ground, 5/8" x 8'	1	1124	1	1124
12	Clamp, Ground Rod, 5/8", Small, Bronze	1	281	1	281
13	Conductor, Copper-Clad Steel, #4 Cu Equivalent	36	1512	36	1512
14	Connector, H-Tap, Al/Cu, Run #2-2/0 Str - Tap #6-#1 Str	1	413	1	413
15	Staple, Ground Wire, Barbed, Galv, 1 1/2"	24	2707	24	2707



CONSTRUCTION STANDARDS

115KV TRANSMISSION
OPPOSING PHASE VERTICAL SWITCH
336 ACSR TO 900 ACSR

PAGE:
2 of 2

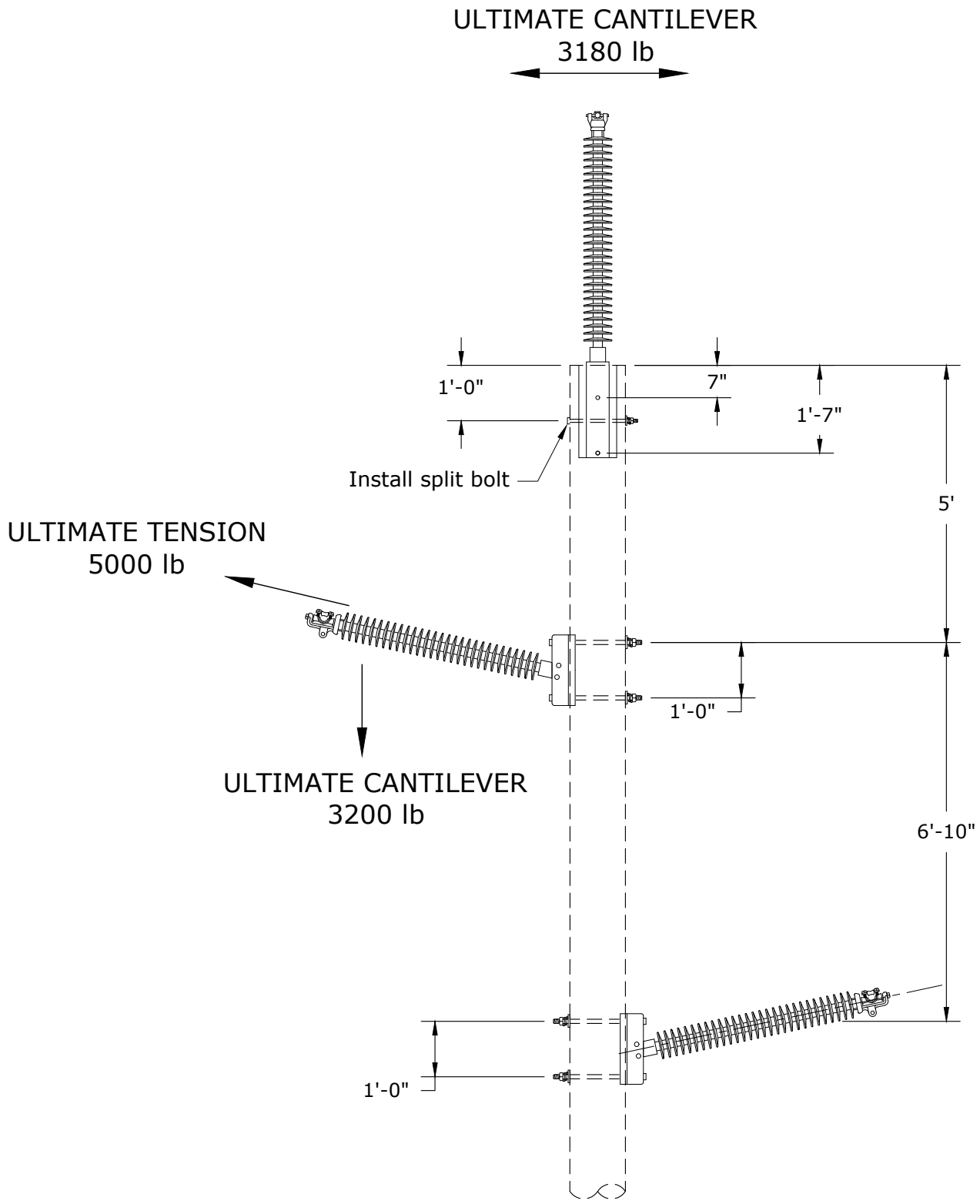
TSW,TSWP

CAD FILE:
TSW

REVISIONS			
R	DATE	ENGR	OPS
2	3/24/72	RHJ	
3	11/7/73	CMK	DK
4	8/23/17	DK	
5	12/29/20	KJP	

APP: PS/RV
DATE: 2/66

SECTION
1800



Note: For 336 ACSR and 397 AAC, use Std TV21LC.

Rev. 3- Updated spacing to make equilateral distance between transmission cable.



CONSTRUCTION STANDARDS

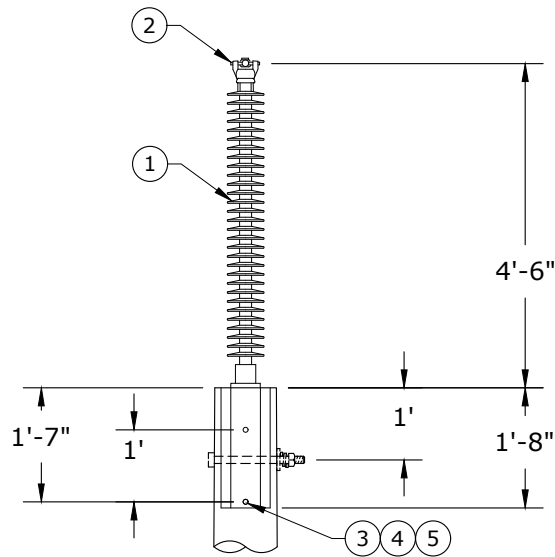
115kV TRANSMISSION
OPPOSING PHASE W/ POST TOP
795 AAC TO 1557 ACSR/TW

PAGE:
1 of 2

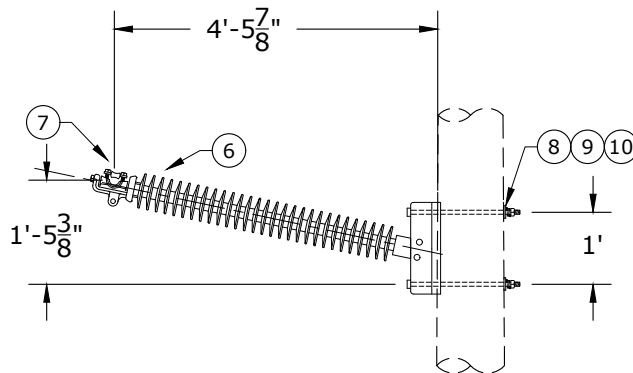
TV21,TV21LC

CAD FILE:
xTV21

REVISIONS			
△ R	DATE	ENGR	OPS
0	8/01	REDRAWN	IN CAD
1	8/23/17	CM	DK
2	5/4/20	JK	
3	2/11/25	CM	GM
APP:		SECTION	
DATE: 2/68		1800	



TPR1



TPR2

Rev. 3- Updated spacing to make equilateral distance between transmission cable.

ITEM NO.	DESCRIPTION	TV21		TV21LC*	
		TPR1		TPR1LC	
		QTY.	S/N	QTY.	S/N
1	Insulator, Line Post Vertical, 115kV, 3180 lb Ultimate Cantilever	1	2345	1	2345
2	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	1	317	1	316
3	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	2	1901	2	1901
4	Washer, Curved, Cast, 4" x 6"	2	1911	2	1911
5	Washer, Lock, Spring, Double Coil, Galv., 7/8"	2	2351	2	2351
ITEM NO.	DESCRIPTION	TPR2 (2)		TPR2LC (2)	
		QTY.	S/N	QTY.	S/N
		QTY.	S/N	QTY.	S/N
6	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	2	2346	2	2346
7	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	2	317	2	316
8	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	4	1901	4	1901
9	Washer, Curved, Cast, 4" x 6"	4	1911	4	1911
10	Washer, Lock, Spring, Double Coil, Galv., 7/8"	4	2351	4	2351



CONSTRUCTION STANDARDS

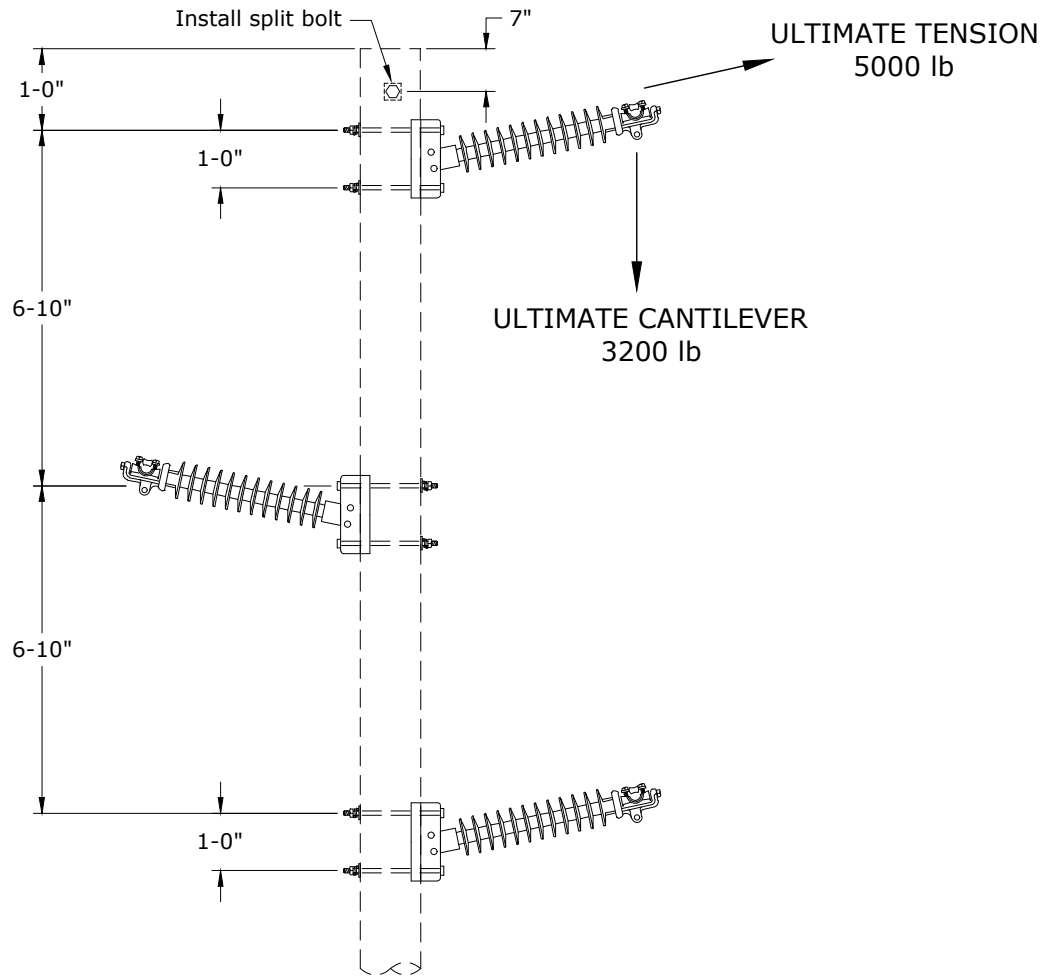
115kV TRANSMISSION
OPOOSING PHASE W/ POST TOP
795 AAC TO 1557 ACSR/TW

PAGE:
2 of 2

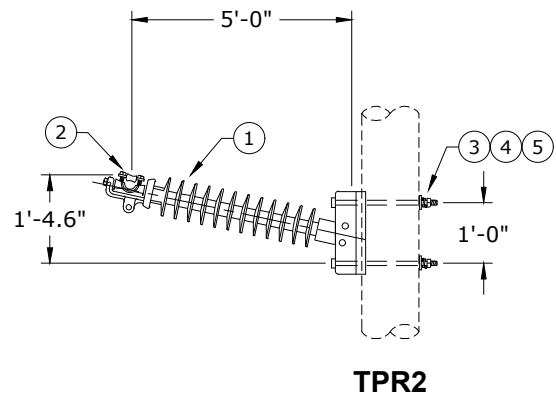
TV21,TV21LC

CAD FILE:
TV21

REVISIONS			
R	DATE	ENGR	OPS
0	8/01	REDRAWN	IN CAD
1	8/23/17	CM	DK
2	5/4/20	JK	
3	2/11/25	CM	GM
APP:		SECTION	
DATE: 2/68		1800	



Note: For 336 ACSR and 397 AAC, use Std TC22LC.



TPR2

Rev. 2- Updated Ultimate Cantilever rating.

ITEM NO.	DESCRIPTION	TV22		TV22LC	
		TPR2 (3)		TPR2LC (3)	
		QTY.	S/N	QTY.	S/N
1	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	3	2346	3	2346
2	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	3	317	3	316
3	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	6	1901	6	1901
4	Washer, Curved, Cast, 4" x 6"	6	1911	6	1911
5	Washer, Lock, Spring, Double Coil, Galv., 7/8"	6	2351	6	2351



CONSTRUCTION STANDARDS

115kV TRANSMISSION
OPPOSING PHASE-0° TO 4°
795 AAC TO 1557 ACSR/TW

PAGE:
1 of 1

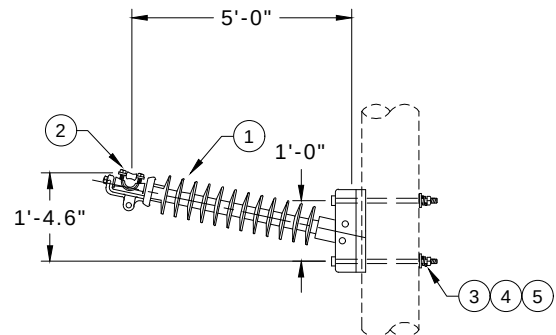
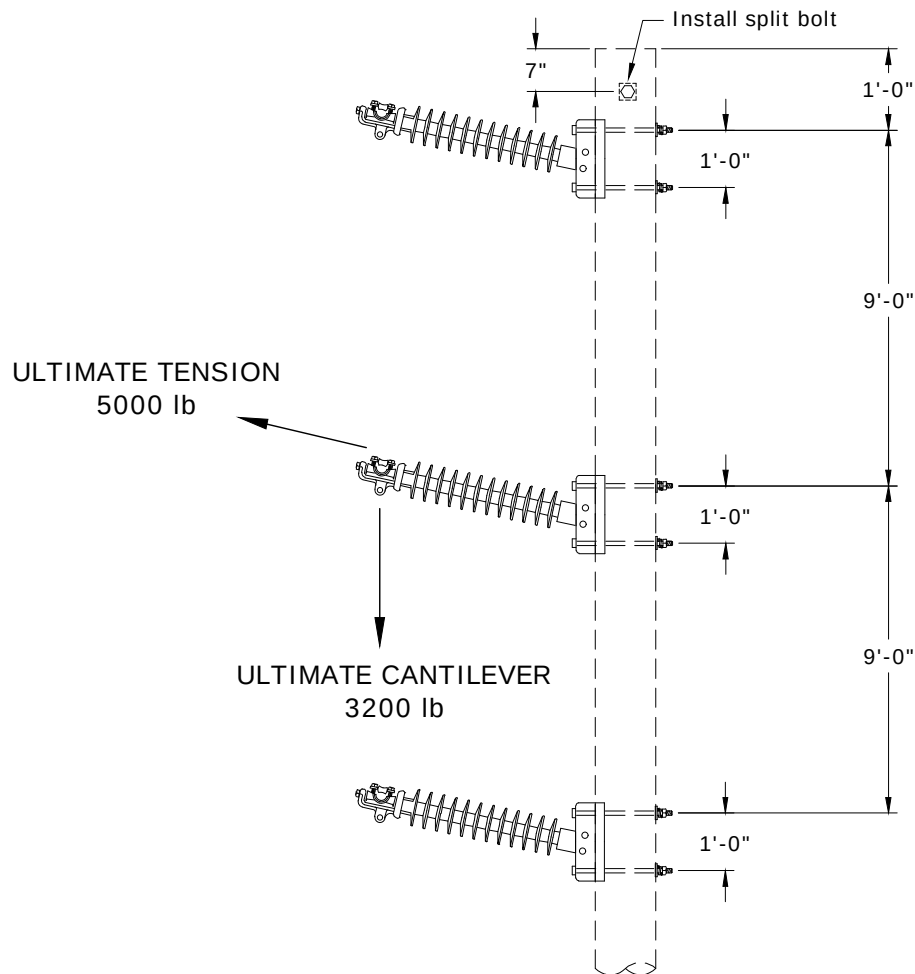
TV22,TV22LC

CAD FILE:
TV22

REVISIONS

DATE	ENGR	OPS
8/01	REDRAWN	IN CAD
8/23/17	CM	DK
5/4/20	JK	

APP:	SECTION
DATE: 1/77	1800



Note: For 336 ACSR and 397 AAC, use Std TV23LC.

TPR2

Rev. 2- Updated Ultimate Cantilever rating.

ITEM NO.	DESCRIPTION	TV23		TV23LC	
		TPR2 (3)		TPR2LC (3)	
		QTY.	S/N	QTY.	S/N
1	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	3	2346	3	2346
2	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	3	317	3	316
3	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	6	1901	6	1901
4	Washer, Curved, Cast, 4" x 6"	6	1911	6	1911
5	Washer, Lock, Spring, Double Coil, Galv., 7/8"	6	2351	6	2351



CONSTRUCTION STANDARDS

115kV TRANSMISSION
VERTICAL-0° TO 10°
795 AAC TO 1557 ACSR/TW

PAGE:
1 of 1

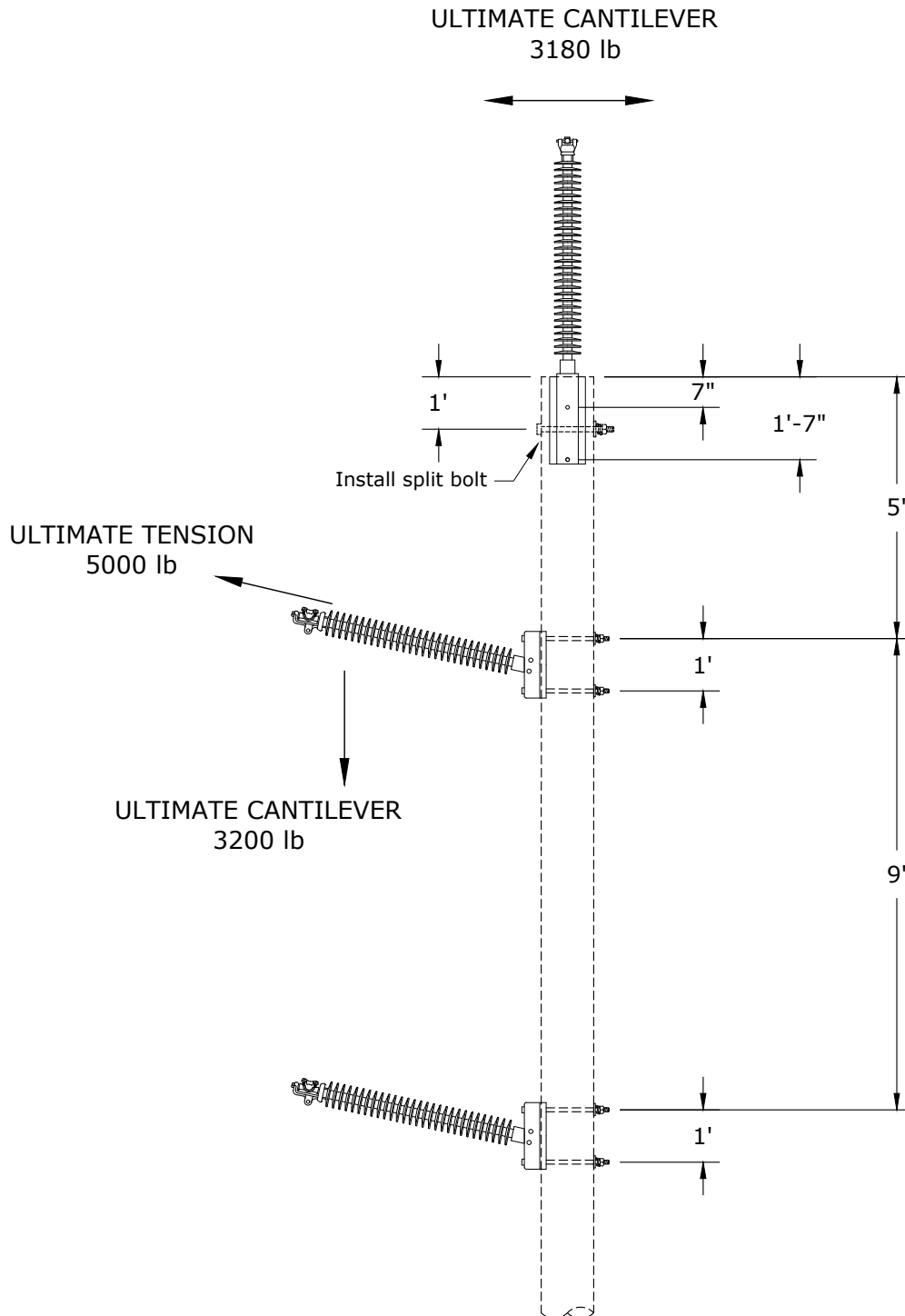
TV23,TV23LC

CAD FILE:
TV23

REVISIONS

DATE	ENGR	OPS
8/01	REDRAWN	IN CAD
8/23/17	CM	DK
5/4/20	JK	

APP:	SECTION
DATE: 8/5/66	1800



Note: For 336 ACSR and 397 AAC, use Std TV24LC.

Rev. 3- Updated spacing to make equilateral distance between transmission cable.



CONSTRUCTION STANDARDS

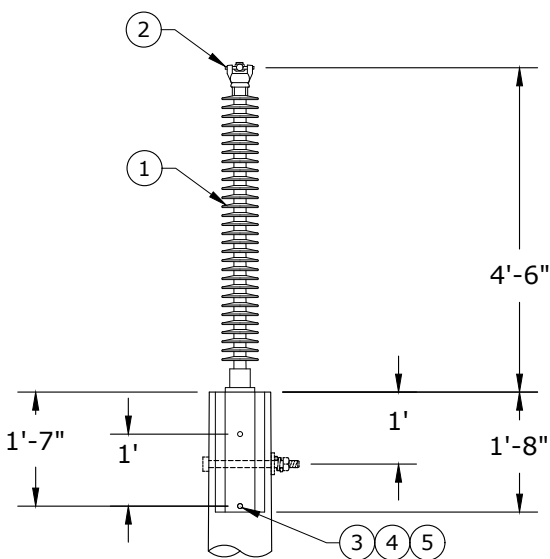
115KV TRANSMISSION
VERTICAL W/ POST TOP
795 AAC TO 1557 ACSR/TW

PAGE:
1 of 2

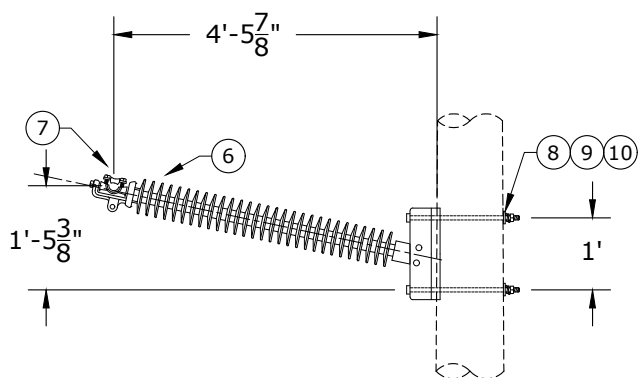
TV24,TV24LC

CAD FILE:
xTV24

REVISIONS			
△R	DATE	ENGR	OPS
0	8/01	REDRAWN	IN CAD
1	8/23/17	CM	DK
2	5/4/20	JK	
3	2/11/25	CM	GM
APP:			SECTION
DATE: 2/66			1800



TPR1



TPR2

Rev. 3- Updated spacing to make equilateral distance between transmission cable.

ITEM NO.	DESCRIPTION	TV24 TPR1		TV24LC TPR1LC	
		QTY.	S/N	QTY.	S/N
1	Insulator, Line Post Vertical, 115kV, 3180 lb Ultimate Cantilever	1	2345	1	2345
2	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	1	317	1	316
3	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	2	1901	2	1901
4	Washer, Curved, Cast, 4" x 6"	2	1911	2	1911
5	Washer, Lock, Spring, Double Coil, Galv., 7/8"	2	2351	2	2351
ITEM NO.	DESCRIPTION	TPR2 (2)		TPR2LC (2)	
		QTY.	S/N	QTY.	S/N
6	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	2	2346	2	2346
7	Clamp, Clamptop, 795 AAC To 1557 ACSR/TW Bare	2	317	2	316
8	Bolt, Machine, 7/8" x 16", Galv., 25,400 lb Ultimate Tensile	4	1901	4	1901
9	Washer, Curved, Cast, 4" x 6"	4	1911	4	1911
10	Washer, Lock, Spring, Double Coil, Galv., 7/8"	4	2351	4	2351



CONSTRUCTION STANDARDS

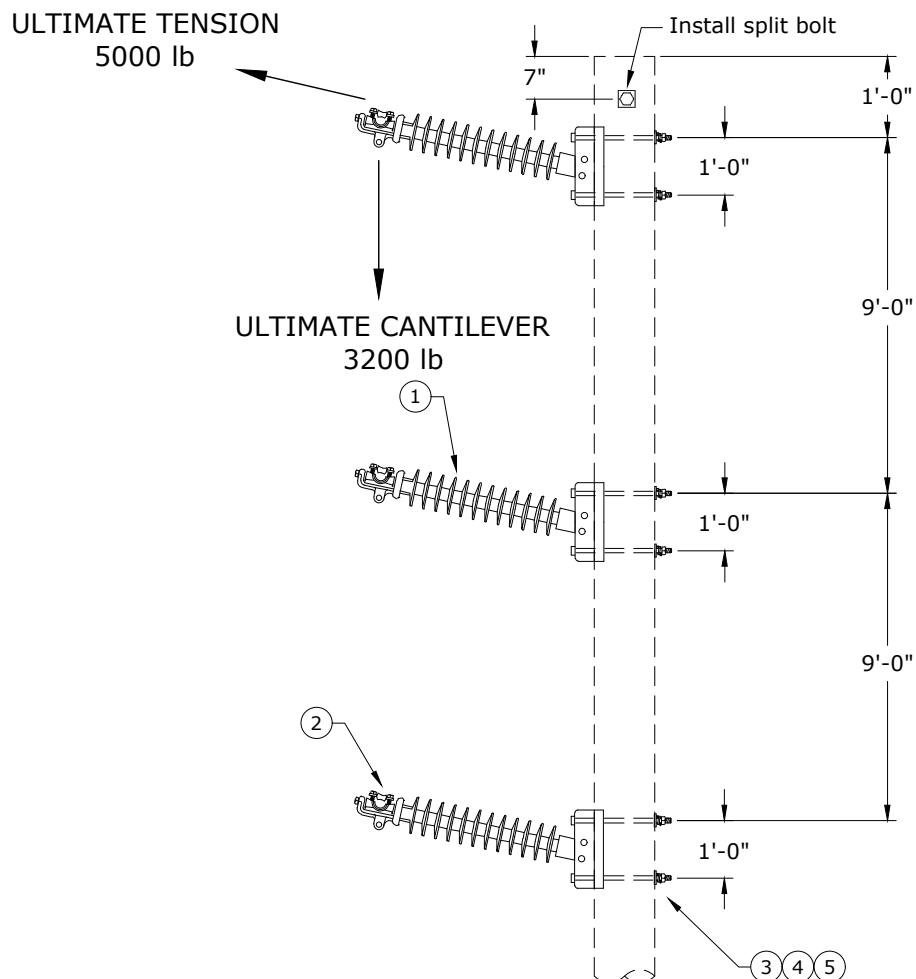
115kV TRANSMISSION
VERTICAL W/ POST TOP
795 AAC TO 1557 ACSR/TW

PAGE:
2 of 2

TV24,TV24LC

CAD FILE:
TV24

REVISIONS			
R	DATE	ENGR	OPS
0	8/01	REDRAWN	IN CAD
1	8/23/17	CM	DK
2	5/4/20	JK	
3	2/11/25	CM	GM
APP:		SECTION	
DATE: 2/66		1800	



Rev. 1 - Updated Ultimate Cantilever rating.

ITEM NO.	DESCRIPTION	TV25	
		QTY.	S/N
1	Insulator, Line Post Horizontal, 115kV, 3200 lb Ultimate Cantilever	3	2346
2	Clamp, Strain, 336 ACSR to 1557 ACSR/TW	3	2467
3	Bolt, Machine, 7/8" x 16", Galv., 25,400 Ultimate Tensile	6	1901
4	Washer, Curved, Cast, 4" x 6"	6	1911
5	Washer, Lock, Spring, Double Coil, Galv., 7/8"	6	2351



CONSTRUCTION STANDARDS

115kV TRANSMISSION
VERTICAL-11° TO 30°
336 ACSR TO 1557 ACSR/TW

PAGE:
1 of 1

TV25

CAD FILE:
TV25

REVISIONS

DATE	ENGR	OPS
5/4/20	JK	

APP:	CM/DK	SECTION
DATE: 8/23/17		1800