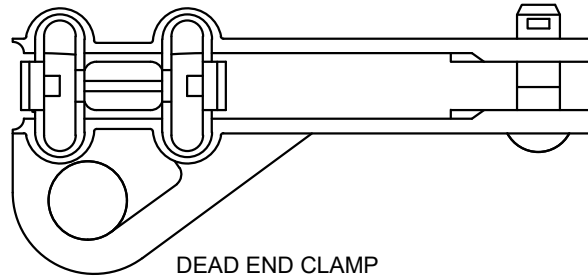


# 1240

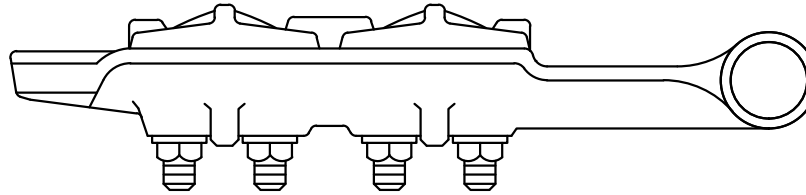
## CONDUCTOR HARDWARE

### CONTAINS

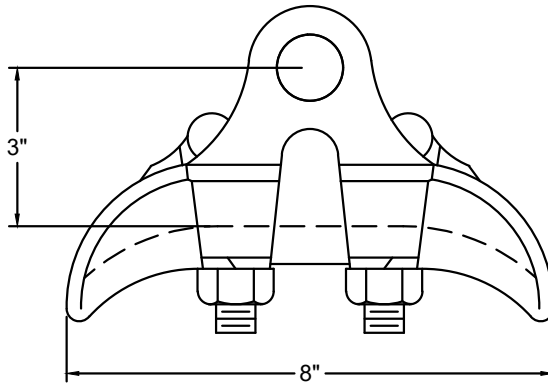
- 1240-01 DEADEND CLAMP ACSR, AAC/SR, AAC
- 1240-02 DEADEND AUTO CU #6 AND CU 4/0 STRANDED
- 1240-03 DEADEND PREFORMED WEDGE/MID-SPAN
- 1240-04 TIES PREFORMED SINGLE AND DOUBLE
- 1240-05 TIES PREFORMED SIDE SINGLE/DOUBLE
- 1240-06 ARMOR RODS
- 1240-07 SPLICE PREFORMED
- 1240-08 SPLICE AUTO-OH
- 1240-09 SPLICE COMPRESSION AL/CU
- 1240-10 SPLICE MECHANICAL OH
- 1240-15 SPLICE COLD AL/CU 15KV
- 1240-30 DUCT SEAL PUTTY & FOAM INSULATING SEALANT
- 1240-35 CABLE RACKS AND SUPPORTS
- 1240-40 FIRE PROOFING TAPE



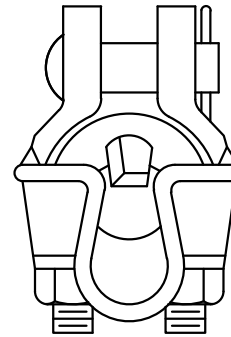
DEAD END CLAMP  
 (2 BOLT/COTTER PIN)  
 1240-01-01 1/0-4/0  
 1240-01-02 336



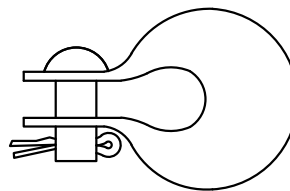
DEAD END CLAMP  
 1240-01-07 795



SWING SHOE  
 1240-01-20 1/0-4/0  
 1240-01-21 795



NOTE:  
 ALWAYS TIGHTEN NUTS  
 ON THE U-BOLTS EVENLY  
 TO AVOID DAMAGING THE  
 CONDUCTOR.

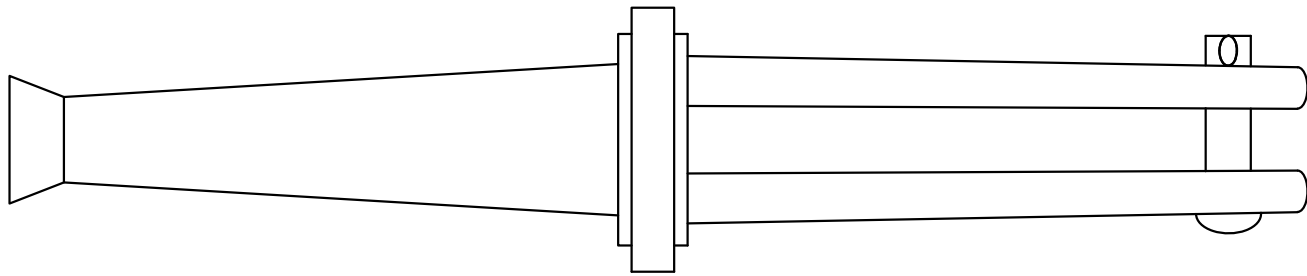


CLEVIS THIMBLE  
 1240-01-25

CU-REF	CU-ID	CU-DESCRIPTION
12400101	DECL1/0-4/0	DEAD END CLAMP 1/0- 4/0
12400105	DECL336	DEAD END CLAMP 336
12400107	DECL795	DEAD END CLAMP 795
12400120	SWINGSH1/0-4/0	SWING SHOE 1/0- 4/0
12400121	SWINGSH795	SWING SHOE 795
12400125	CLEVISTHIMBLE	CLEVIS THIMBLE

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1240-02-01 #6 CU SOLID  
 1240-02-02 #6A COPPERWELD  
 1240-02-20 4/0 CU STR

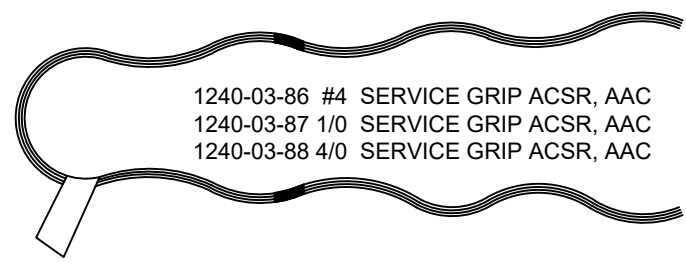
CU-REF	CU-ID	CU-DESCRIPTION
12400201	DEAUTO6CUSLD	DEADEND AUTO #6 CU SOLID
12400202	DEAUTO6ACW	DEADEND AUTO #6A COPPERWELD
12400220	DEAUTO4/0CUSTR	DEADEND AUTO 4/0 CU STR

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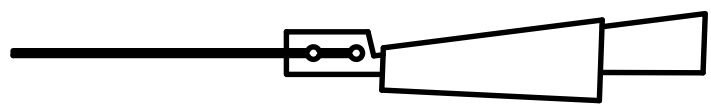


- 1240-03-01 #6A CW
- 1240-03-06 #2 CU STR
- 1240-03-10 #2A CW-1/0 CU STR
- 1240-03-11 1/0 ACSR
- 1240-03-12 1/0 ACSR RED TEN
- 1240-03-20 2/0 CU STR

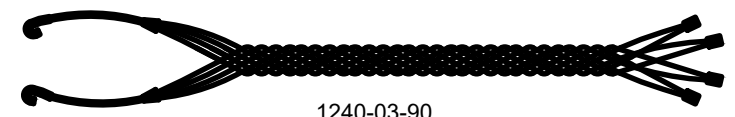
- 1240-03-21 2/0 CU WEATHERPROOF
- 1240-03-40 4/0 AAC/ACSR
- 1240-03-41 4/0 CU STR
- 1240-03-42 4/0 CU WEATHERPROOF
- 1240-03-50 336 ACSR
- 1240-03-55 350 AL RED TEN
- 1240-03-70 795 RED TEN



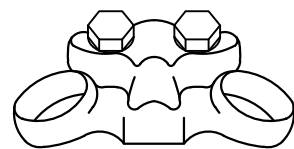
- 1240-03-86 #4 SERVICE GRIP ACSR, AAC
- 1240-03-87 1/0 SERVICE GRIP ACSR, AAC
- 1240-03-88 4/0 SERVICE GRIP ACSR, AAC



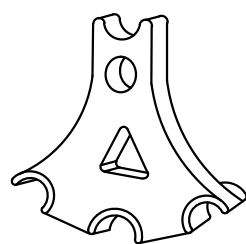
- 1240-03-81 #4
- 1240-03-82 1/0
- 1240-03-83 4/0



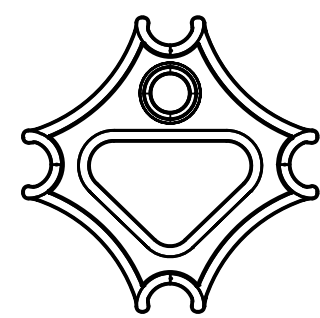
1240-03-90  
350-750 MCM



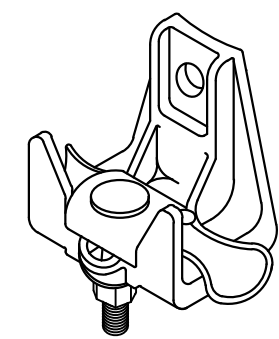
- 1240-03-60 RUN #2-4/0 TAP #6-1/0
- 1240-03-65 RUN #4-336 TAP N/A



1240-03-72



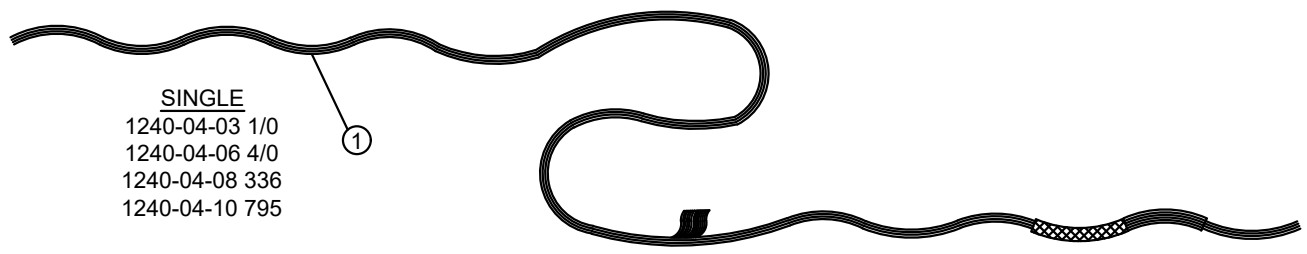
1240-03-74



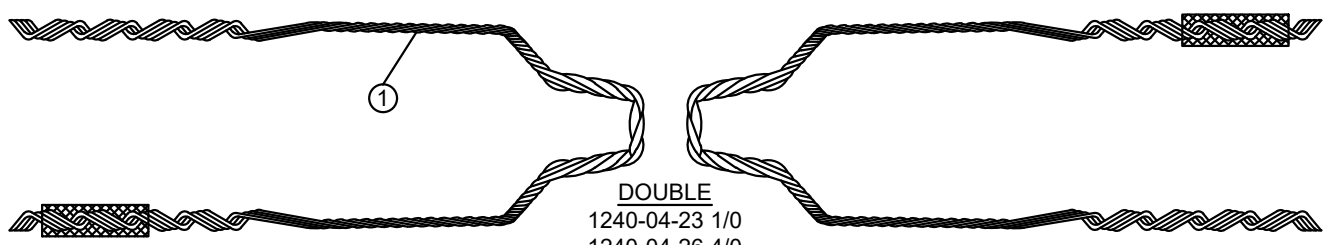
1240-03-76

CU-REF	CU-ID	CU-DESCRIPTION
12400301	DEPRF6ACW	DEADEND PREFM #6A COPPERWELD
12400306	DEPRF2CUSTR	DEADEND PREFM # 2 CU STRD
12400310	DEPRF2ACW-1/0CUSTR	DEADEND PREFM #2A CW- 1/0 CU STR
12400311	DEPRF1/0ACSR	DEADEND PREFM 1/0 ACSR
12400312	DEPRF1/0ACSRRT	DEADEND PREFM 1/0 ACSR REDUCED TEN
12400320	DEPRF2/0CUSTR	DEADEND PREFM 2/0 CU STR
12400321	DEPRF2/0CUSTRWP	DEADEND PREFM 2/0 CU STR WEATHERPROOF
12400340	DEPRF4/0AAC/ACSR	DEADEND PREFM 4/0 AAC/ACSR
12400341	DEPRF4/0CUSTR	DEADEND PREFM 4/0 CU STR
12400342	DEPRF4/0CUSTRWP	DEADEND PREFM 4/0 CU STR WEATHERPROOF
12400350	DEPRF336ACSR	DEADEND PREFM 336 ACSR
12400355	DEPRF350ALRT	DEADEND PREFM 350 AL REDUCED TEN
12400360	CLMPMIDSPANR2-4/0T6-1/0	CLAMP MID- SPAN RUN #2- 4/0 TAP #6- 1/0
12400365	CLMPMIDSPANR4-336TN/A	CLAMP MID- SPAN RUN #4 TO 336.4 TAP N- A
12400370	DEPRF795RT	DEADEND PREFM 795 REDUCED TEN
12400372	SPACERMIDSPANSECTPX	SPACER MID- SPAN SEC FOR TRIPLEX
12400374	SPACERMIDSPANSECQUAD	SPACER MID- SPAN SEC FOR QUADRUPLEX
12400376	CLMPTPXMESSANGER1/0-4/0	CLAMP TRIPLEX MESSANGER FOR 1/0 THRU 4/0
12400381	DEWEDGE4	DEADEND WEDGE #4
12400382	DEWEDGE1/0	DEADEND WEDGE 1/0
12400383	DEWEDGE4/0	DEADEND WEDGE 4/0
12400386	DESERGRIP#4ACSR	DEADEND SERVICE GRIP FOR #4 ACSR
12400387	DESERGRIP1/0ACSR	DEADEND SERVICE GRIP PREFORM FOR 1/0 ACS
12400388	DESERGRIP4/0ACSR	DEADEND SERVICE GRIP PREFORM 4/0 ACSR
12400390	DEGP350/750	DEADEND GRIP FOR 350- 750 MCM

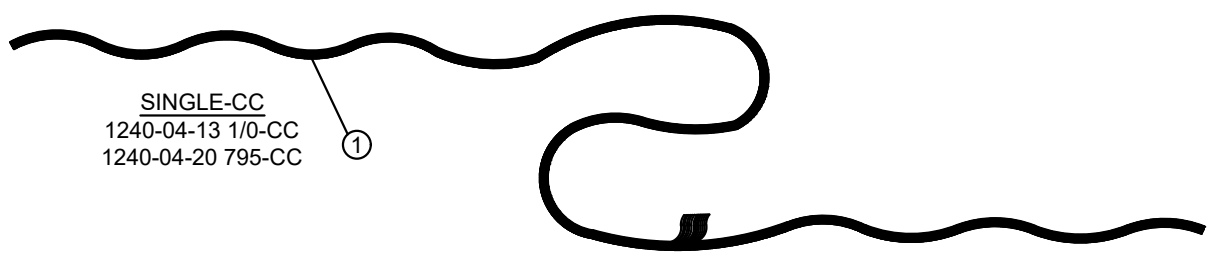
REV\_DATE:  
04/01/26



SINGLE  
1240-04-03 1/0  
1240-04-06 4/0  
1240-04-08 336  
1240-04-10 795



DOUBLE  
1240-04-23 1/0  
1240-04-26 4/0  
1240-04-28 336  
1240-04-30 795



SINGLE-CC  
1240-04-13 1/0-CC  
1240-04-20 795-CC



DOUBLE-CC  
1240-04-33 1/0-CC  
1240-04-40 795-CC

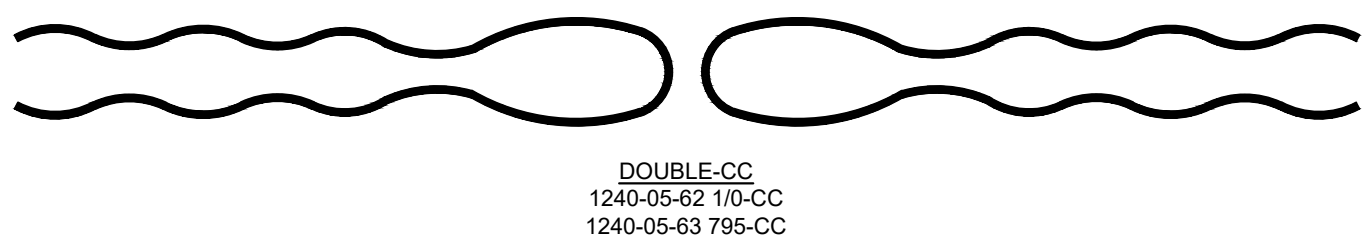
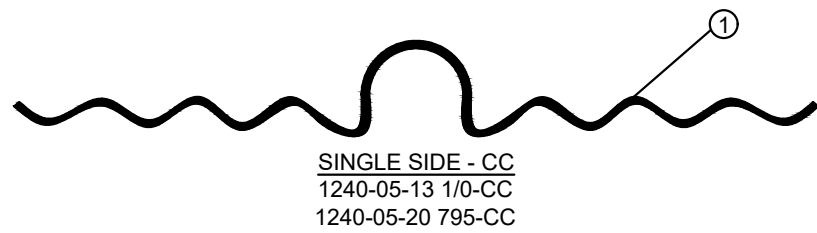
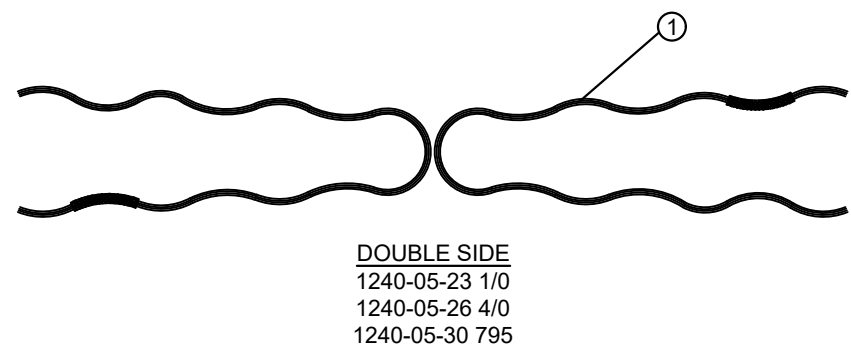
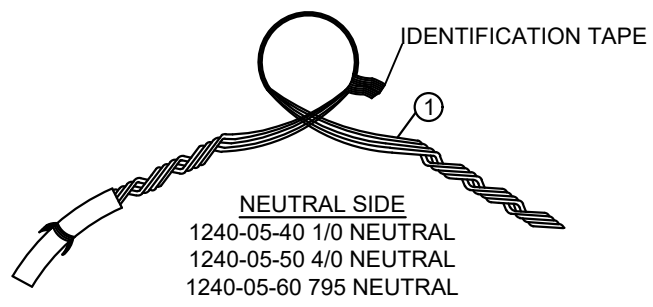
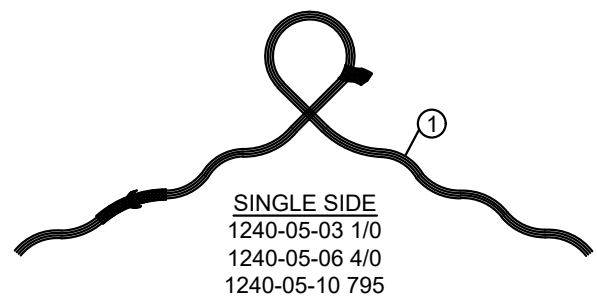
**NOTES:**

1. READ THE IDENTIFICATION TAPE TO ENSURE PROPER SIZE TIE IS SELECTED FOR THE SPECIFIC CONDUCTOR.
2. THE RUBBER TIE PAD IS DESIGNED TO PROTECT THE CONDUCTOR FROM THE INSULATOR AS WELL AS THE TIE.

CU-REF	CU-ID	CU-DESCRIPTION
12400403	TIESPRFSG1/0	TIES PREFM SGL 1/0
12400406	TIESPRFSG4/0	TIES PREFM SGL 4/0
12400408	TIESPRFSG336	TIES PREFM SGL 336
12400410	TIESPRFSG795	TIES PREFM SGL 795
12400413	TIESCTDPRFSG1/0-CC	TIES COATED PREFORM SNGL PIN CONSTRUCTION 1/0 ACSR - CC
12400420	TIESCTDPRFSG795-CC	TIES COATED PREFORM SINGLE PIN CONSTRUCTION 795 ALUM - CC
12400423	TIESPRFDBL1/0	TIES PREFM DBL 1/0
12400426	TIESPRFDBL4/0	TIES PREFM DBL 4/0
12400428	TIESPRFDBL336	TIES PREFM DBL 336
12400430	TIESPRFDBL795	TIES PREFM DBL 795
12400433	TIESCTDPRFDBL1/0-CC	TIES COATED PREFORM DBL PIN CONSTRUCTION 1/0 ACSR - CC
12400440	TIESCTDPRFDBL795-CC	TIES COATED PREFORM DBL PIN CONSTRUCTION # 795 ALUM - CC

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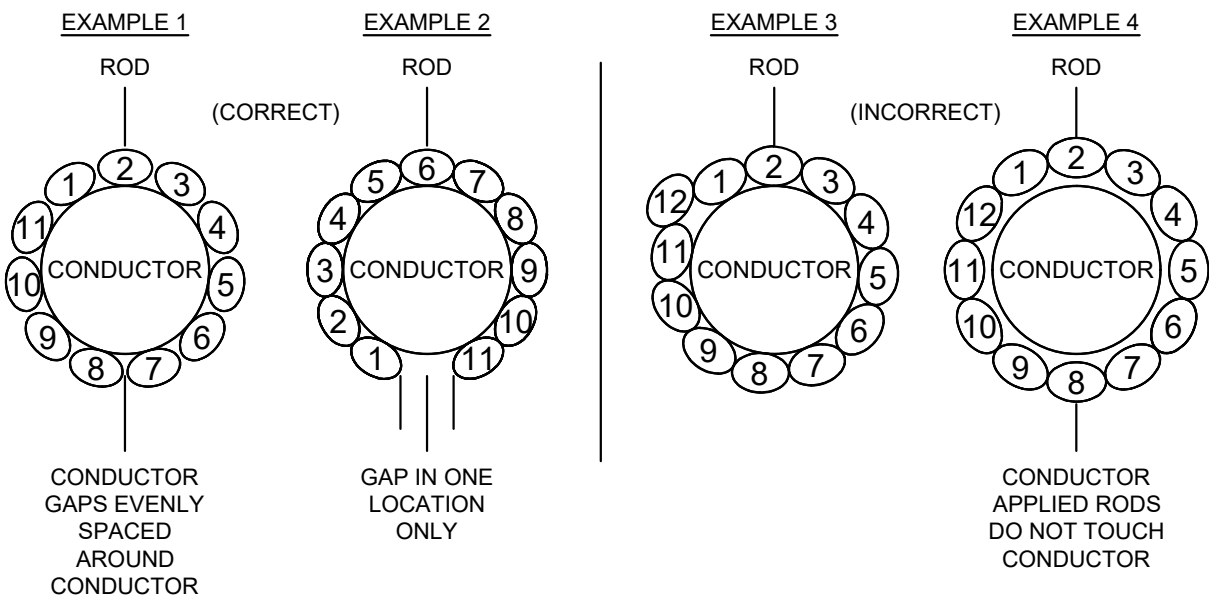
CU-REF	CU-ID	CU-DESCRIPTION
12400503	TIESPRFSIDESGL1/0	TIES PREFM SIDE SGL 1/0
12400506	TIESPRFSIDESGL4/0	TIES PREFM SIDE SGL 4/0
12400510	TIESPRFSIDESGL795	TIES PREFM SIDE SGL 795
12400513	TIESCTDPRFSIDESGL1/0-CC	TIES COATED PREFORM SIDE COATED PREFORM 1/0 ALUM SNGL - CC
12400520	TIESCTDPRFSIDESGL795-CC	TIES COATED PREFORM SIDE COATED PREFORM 795 ALUM SNGL - CC
12400523	TIESPRFSIDEDBL1/0	TIES PREFM SIDE DBL 1/0
12400526	TIESPRFSIDEDBL4/0	TIES PREFM SIDE DBL 4/0
12400530	TIESPRFSIDEDBL795	TIES PREFM SIDE DBL 795
12400540	TIESPRFSIDE1/0N	TIES PREFM SIDE 1/0 NEUTRAL
12400550	TIESPRFSIDE4/0N	TIES PREFM SIDE 4/0 NEUTRAL
12400560	TIESPRFSIDE795N	TIES PREFM SIDE 795 NEUTRAL
12400562	TIESCTDPRFSIDEDBL1/0-CC	TIES COATED PREFORM SIDE DBL 1/0 ACSR - CC
12400563	TIESCTDPRFSIDEDBL795-CC	TIES COATED PREFORM SIDE DBL 795 AAC - CC

CONDUCTORS AND HARDWARE  
 CONDUCTOR HARDWARE  
**ARMOR RODS**



①

- 1240-06-03 1/0
- 1240-06-06 4/0
- 1240-06-08 336
- 1240-06-10 795
- 1240-06-11 795 ACSR



AFTER APPLICATION OF CORRECT NUMBER OF RODS, A SLIGHT GAP BETWEEN THE RODS SHOULD BE PRESENT.  
 STUDY THE ABOVE EXAMPLE.

**EXAMPLE 1:**  
 EXCELLENT APPLICATION.

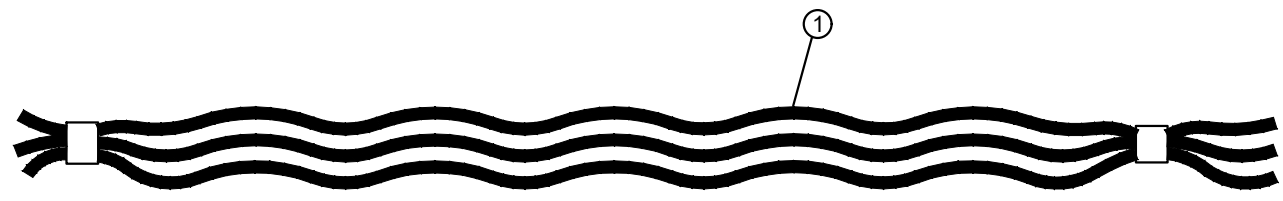
**EXAMPLE 2:**  
 SATISFACTORY, BUT MAY LEAD TO APPLYING AN EXTRA, UNNECESSARY ROD.

**EXAMPLE 3:**  
 EXTRA ROD PRODUCES BRIDGING CONDITION LEADING TO POTENTIAL ROD ABRASION.

**EXAMPLE 4:**  
 EXTRA ROD, EXPANDED TUBE CONDITION WHICH AFFORDS LITTLE PROTECTION, ALLOWS SEVERE ABRASION, AND OTHER CONDUCTOR DAMAGE.

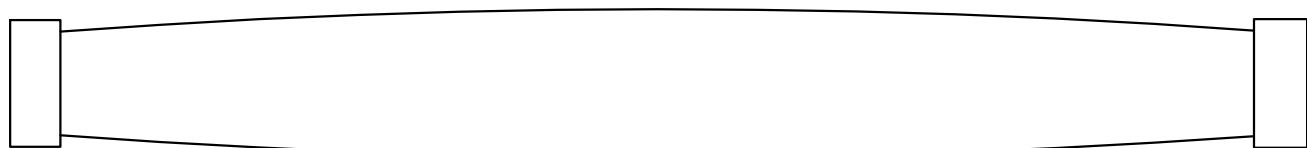
GENERAL RULE FOR ADDING AN EXTRA ARMOR ROD: WHEN IN DOUBT, LEAVE IT OUT.

CU-REF	CU-ID	CU-DESCRIPTION
12400603	ARMOROD1/0	ARMOR RODS 1/0
12400606	ARMOROD4/0	ARMOR RODS 4/0
12400608	ARMOROD336	ARMOR RODS 336
12400610	ARMOROD795	ARMOR RODS 795
12400611	ARMOROD795ACSR	ARMOR RODS 795 ACSR



1240-07-01 #6A COPPERWELD  
 1240-07-03 #2 CU STR  
 1240-07-05 #2A CW-1/0 CU STR

CU-REF	CU-ID	CU-DESCRIPTION
12400701	SPLPRF6ACW	SPLICE PREFM #6A COPPERWELD
12400703	SPLPRF2CUSTR	SPLICE PREFM 2 CU STR
12400705	SPLPRF2ACW-1/0CUSTR	SPLICE PREFM #2A CW- 1/0 CU STR



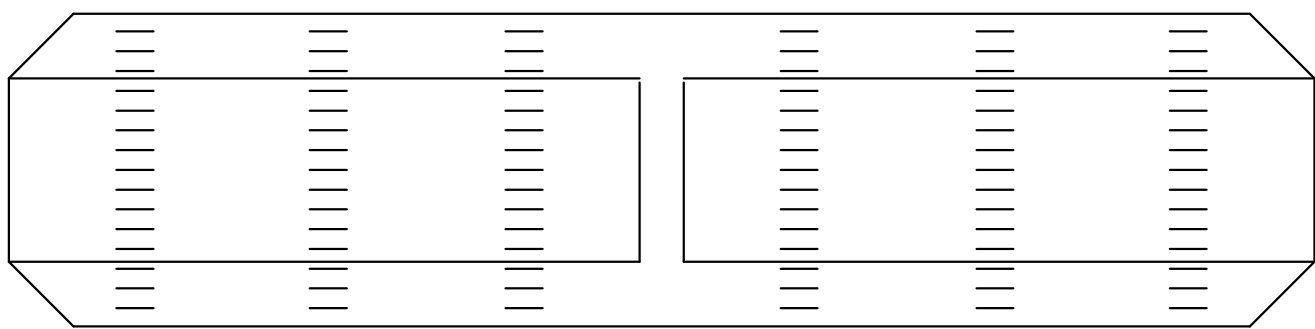
NOTES:

1. AUTOMATIC SPLICES ARE TO BE USED FOR SECONDARY ONLY.
2. AUTOMATIC SPLICES ARE TO BE USED ONLY IN FULL TENSION SPANS. SLACK OR REDUCED CONDUCTOR TENSION WILL NOT PROVIDE SUFFICIENT FORCE ON THE JAWS INSIDE THE SPLICE FOR PROPER CONTACT.
3. ALWAYS CLEAN THE CONDUCTOR BEFORE ATTEMPTING TO INSTALL THE SPLICE. EVEN NEW CONDUCTOR HAS ENOUGH OXIDATION TO CAUSE A SPLICE TO FAIL PREMATURELY.
4. SPLICES ARE EQUIPPED WITH A SMALL CUP AT EACH END TO HOLD ALL OF THE STRANDS TOGETHER AND GUIDE THE CONDUCTOR THROUGH THE SPLICE.
5. DO NOT ATTEMPT TO USE SPLICE WITHOUT THE FACTORY-INSTALLED GUIDES.

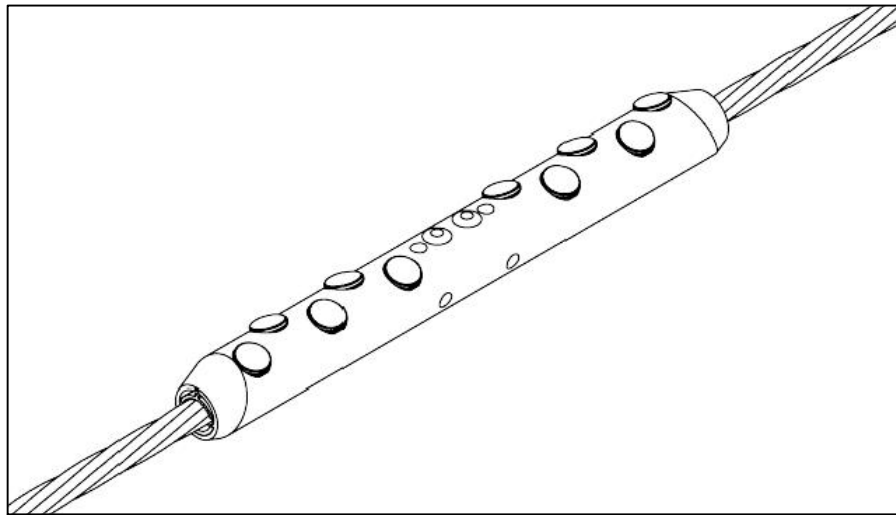
1240-08-01 #6 CU SOLID  
 1240-08-03 #6A CW  
 1240-08-12 1/0 CU STR  
 1240-08-13 1/0 ACSR (SECONDARY ONLY)  
 1240-08-15 2/0 CU STR  
 1240-08-21 4/0 CU STR

CU-REF	CU-ID	CU-DESCRIPTION
12400801	SPLAUTO6CUSLD	SPLICE AUTO #6 CU SOLID
12400803	SPLAUTO6ACW	SPLICE AUTO #6A CW
12400812	SPLAUTO1/0CUSTR	SPLICE AUTO 1/0 CU STR
12400813	SPLAUTO1/0ACSR	SPLICE AUTO 1/0 ACSR
12400815	SPLAUTO2/0CUSTR	SPLICE AUTO 2/0 CU STR
12400821	SPLAUTO4/0CUSTR	SPLICE AUTO 4/0 CU STR

CONDUCTORS AND HARDWARE  
 CONDUCTOR HARDWARE  
 SPLICE COMPRESSION AL/CU

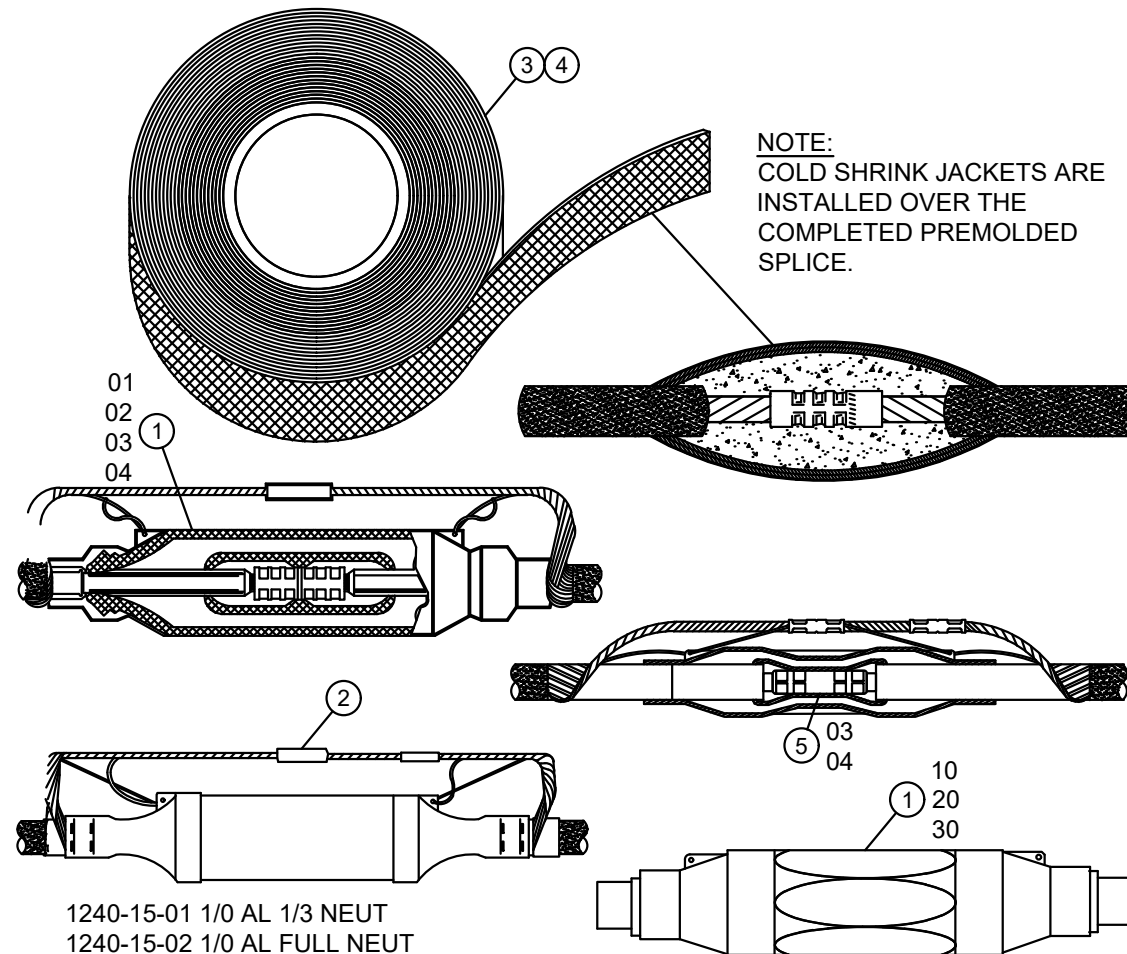


CU-REF	CU-ID	CU-DESCRIPTION
12400901	SPLCOMP6CUSTR	SPLICE COMP #6 CU STR
12400902	SPLCOMP6CUSLD	SPLICE COMP #6 CU SOLID
12400905	SPLCOMP4CUSTR	SPLICE COMP #4 CU STR
12400906	SPLCOMP4CUSLD	SPLICE COMP #4 CU SOLID
12400907	SPLCOMP4ACSR	SPLICE COMP #4 ACSR
12400910	SPLCOMP2CUSTR	SPLICE COMP #2 CU STR
12400911	SPLCOMP2CUSLD	SPLICE COMP #2 CU SOLID
12400912	SPLCOMPFT2CU7STR	SPLICE COMP FULL TENSION #2 CU 7 STR
12400915	SPLCOMP1/0CUSTR	SPLICE COMP 1/0 CU STR
12400916	SPLCOMP1/0ACSR	SPLICE COMP 1/0 ACSR
12400920	SPLCOMP2/0CUSTR	SPLICE COMP 2/0 CU STR
12400925	SPLCOMP3/0AL	SPLICE COMP 3/0 AL
12400930	SPLCOMP4/0CUSTR	SPLICE COMP 4/0 CU STR
12400931	SPLCOMP4/0ACSR	SPLICE COMP 4/0 ACSR
12400932	SPLCOMP4/0ACSRCOR	SPLICE COMP 4/0 ACSR W/CORE
12400933	SPLCOMP4/0AAC	SPLICE COMP 4/0 AAC
12400940	SPLCOMP250CUSTR	SPLICE COMP 250 CU STR
12400945	SPLCOMP336ACSR	SPLICE COMP 336 ACSR
12400950	SPLCOMP350CUSTR	SPLICE COMP 350 CU STR
12400951	SPLCOMP350AL	SPLICE COMP 350 AL
12400955	SPLCOMP400CUSTR	SPLICE COMP 400 CU STR
12400960	SPLCOMP500CUSTR	SPLICE COMP 500 CU STR
12400980	SPLCOMP795MCM	SPLICE COMP 795 MCM



1240-10-01  
 1240-10-02  
 1240-10-03  
 1240-10-04

CU-REF	CU-ID	CU-DESCRIPTION
12401001	SPLMEC1/0ACSR	SPLICE MEC 1/0 ACSR
12401003	SPLMEC4/0ACSR	SPLICE MEC 4/0 ACSR
12401004	SPLMEC336ACSR	SPLICE MEC 336 ACSR
12401002	SPLMEC795ACSR	SPLICE MEC 795 ACSR



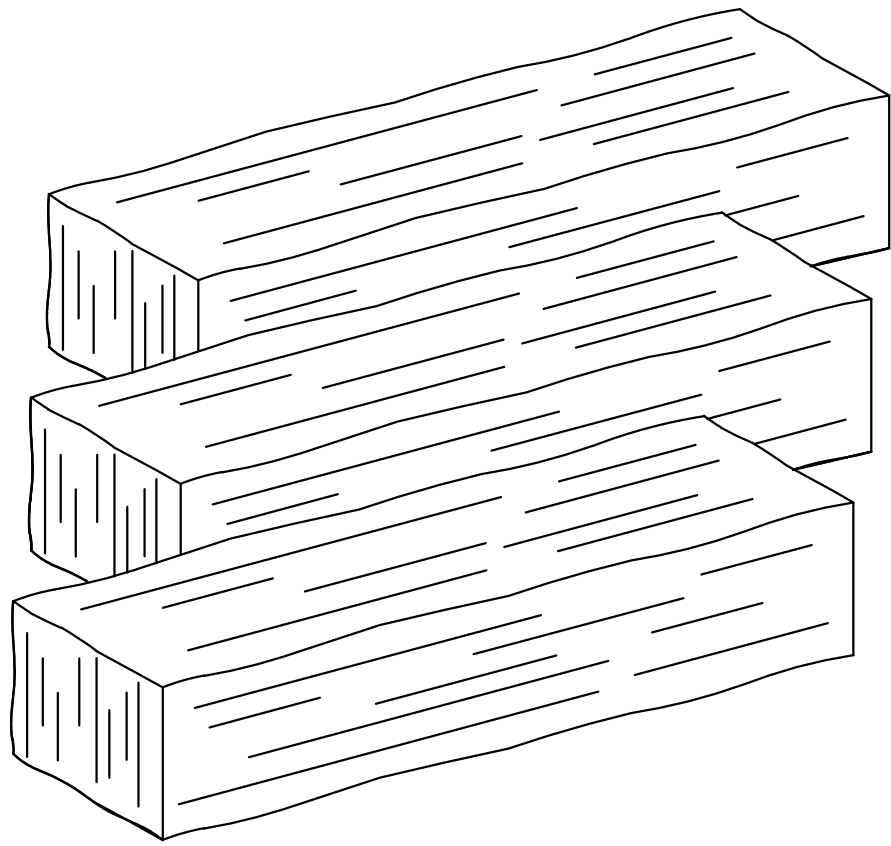
NOTE:  
COLD SHRINK JACKETS ARE  
INSTALLED OVER THE  
COMPLETED PREMOLDED  
SPLICE.

- 1240-15-01 1/0 AL 1/3 NEUT
- 1240-15-02 1/0 AL FULL NEUT
- 1240-15-03 1/0-2 CU/AL 1/3 NEUT
- 1240-15-04 1/0-2 CU/AL FULL NEUT
  
- 1240-15-10 4/0-500 CU SPLICE KIT 15KV
- 1240-15-12 1000 CU SPLICE KIT 15KV
- 1240-15-14 1/0 CU SPLICE KIT 35KV

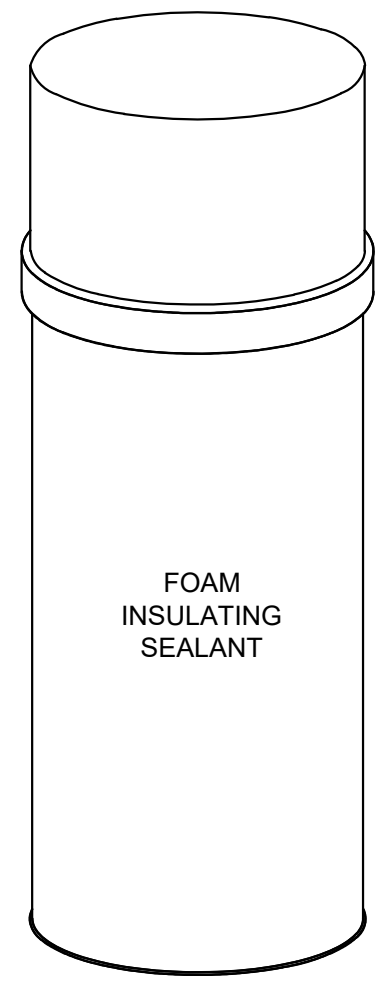
**NOTES:**

1. SEE MANUFACTURERS INSTRUCTIONS FOR GENERAL INSTALLATION INSTRUCTIONS OF PREMOLDED JOINTS WITH COLD SHRINK JACKETS.
2. USE PREMOLDED RUBBER JOINTS ON 1/0 AWG AL.
3. OBSERVE THE SPACE REQUIREMENTS OF PRIMARY JOINTS AS SHOWN IN APPROPRIATE HANDHOLE FOR EACH JOINT.
4. PRIOR TO INSTALLING ALUMINUM CONDUCTOR CONNECTORS, CLEAN THE CONDUCTOR WITH A WIRE BRUSH TO REMOVE OXIDES.
5. IMMEDIATELY APPLY A NON-GRIT INHIBITOR TO THE CONTACT SURFACE OF THE CONNECTOR. CONNECTORS GENERALLY COME WITH FACTORY APPLIED INHIBITOR.
6. WATERPROOF ALL SPLICES WITH 2 OVER-LAPPED LAYERS OF RUBBER TAPE AND 2 LAYERS OF VINYL TAPE.

CU-REF	CU-ID	CU-DESCRIPTION
12401501	SPLCS1/0AL15KV1/3N	SPL CLD SRK 1/0 AL 15KV 1/3 NU
12401502	SPLCS1/0A15KVFN	SPL CLD SRK 1/0 AL 15KV FULL NU
12401503	SPLCS1/0-2CUAL15KV1/3N	SPL CLD SRK 1/0- #2 CU/AL 15KV 1/3 NU
12401504	SPLCS1/0-2CUAL15KVFN	SPL CLD SRK 1/0- #2 CU/AL 15KV FULL NU
12401510	SPLCS4/0-500CU15KVSHRBLT	SPL CLD SRK 15KV 4/0- 500 SHEAR BLT C ONN
12401512	SPLCS1KCU15KV	SPL CLD SRK 1000 KCMIL CU 15KV SHEAR BLT
12401514	SPLCS1/0CU35KVW/TP	SPLCCS 1/0 AWG CU 35KV W/TP SHEAR BLT



DUCT SEAL PUTTY  
1245-30-10



FOAM  
INSULATING  
SEALANT

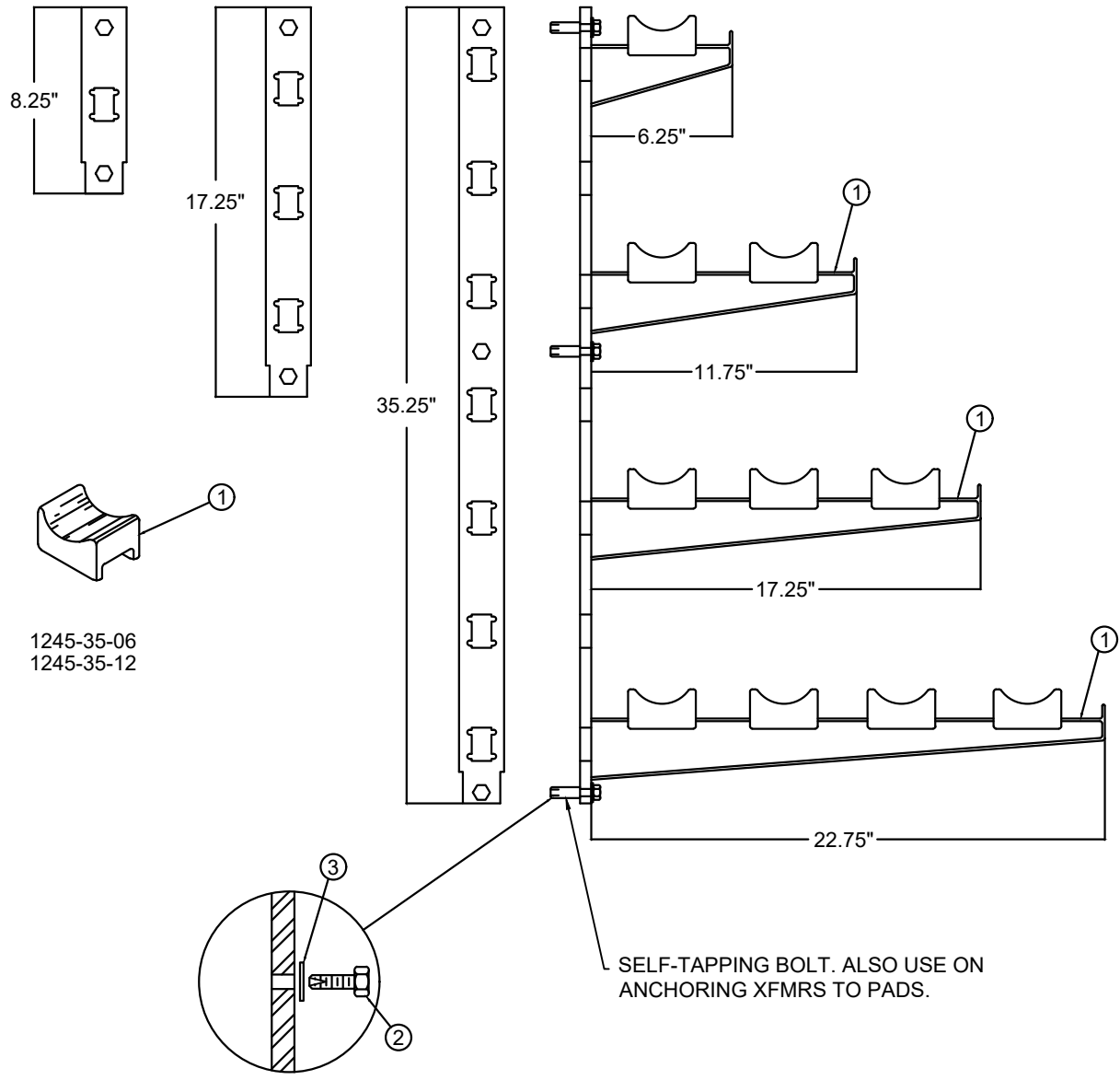
1245-30-20

NOTES:

1. USE DUCT SEAL PUTTY TO SEAL CONDUITS TO PROTECT FROM MOISTURE AND RODENTS.
2. USE FOAM-INSULATING SEALANT TO PREVENT WATER FLOW THROUGH A SERVICE CONDUIT WHERE THE SERVING TRANSFORMER OR HANDHOLE IS AT A HIGHER ELEVATION THAN THE SERVICE PANEL.

CU-REF	CU-ID	CU-DESCRIPTION
12403010	COMDUCTSEAL5LB	COMPOUND DUCT SEAL PUTTY 5LB
12403020	SEALINSULAEROCAN	DUCT SEAL FOR SERVICE LATERAL

REV\_DATE:  
04/01/26

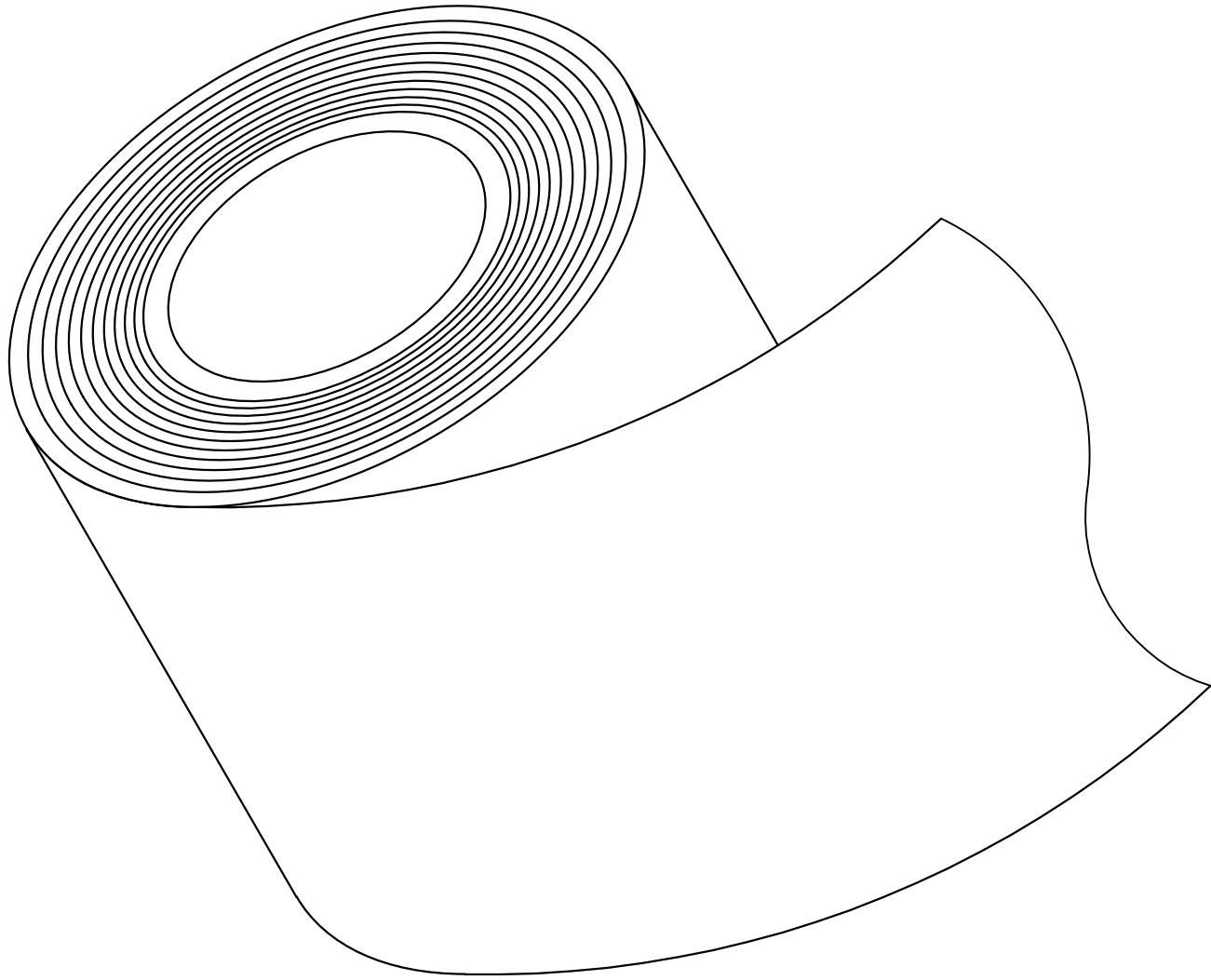


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- NOTES:
1. INSTALL INSULATORS ON CABLE RACKS AND SUPPORTS.
  2. INSTALL CABLE RACKS IN MANHOLES WITH MULTIPLE RUNS OF CABLE TO PROVIDE ADEQUATE WORKING SPACE.

CU-REF	CU-ID	CU-DESCRIPTION
12403506	INSLFORCBLRK1-7/16INR	INSULATOR CABLE RACK FOR URD TYPE CABLE
12403512	INSLFORCBLRK2-11/16INR	INSULATOR CABLE RACK FOR POWER CABLE
12403511	RACK1PNT	RACK 1 POINT
12403513	RACK3PNT	RACK 3 POINT
12403517	RACK7PNT	RACK 7 POINT
12403521	INSSUPPORT1	SUPPORT 1 INSULATOR
12403522	INSSUPPORT2	SUPPORT 2 INSULATOR
12403523	INSSUPPORT3	SUPPORT 3 INSULATOR
12403524	INSSUPPORT4	SUPPORT 4 INSULATOR



1240-40-10

CU-REF	CU-ID	CU-DESCRIPTION
12404010	TAPEARCFIREPROOF	TAPE, ARC AND FIREPROOFING