

ITEM OPPORTUNITY SYNOPSIS

Scouting Number:	2024-174
Name of the item to be scouted:	Steel Utility Poles
State item to be used in:	California

Describe the Item:

<p>Please describe the item application/the end use of the item.</p>	<p>1. Poles shall be dulled galvanized steel. 2. Poles shall be dodecagonal in shape. Round shaped steel poles are prohibited. 3. Poles 55-feet and less shall be a single piece and poles 60-feet and greater and less than 100-feet shall be a two piece. All poles shall use a standard embedment of 10% of the pole length plus 2-feet and use native backfill. 4. Poles 60-feet and less shall be drilled with no more than 12 thru holes having a diameter of 11/16", and poles 80-feet and greater shall be drilled with no more than 12 thru holes having a diameter of 3/4". Hole diagram to be provided to successful bidder. 5. All poles shall have clips welded to the face to support removable climbing ladders as shown in WAPA Drawings 43-2218 (Structure with Post Insulators) and 43-2220. Ladders are not to be provided.</p>
--	--

Supplier Information:

Type of Supplier Being Sought (select from the list below):	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	
Reason for Scouting Submission (select from the list below)	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	
Other (Please Specify)	Compliance with Buy American Requirements

Summary of Technical Specifications and Performance Requirements:

<p>Describe the manufacturing processes (elaborate to provide as much detail as possible)</p>	<p>standard industry practices for manufacturing of Class 2 galvanized light duty steel utility poles See attachments for reference</p>
<p>Provide dimensions / size / tolerances / performance specifications of the item</p>	<p>- poles ranging in height from 40' to 90' - Poles shall be dulled galvanized steel. - Poles shall be dodecagonal in shape. Round shaped steel poles are prohibited. - Poles 55-feet and less shall be a single piece and poles 60-feet and greater and less than 100-feet shall be a two piece. All poles shall use a standard embedment of 10% of the pole length plus 2-feet and use native backfill. - Poles 60-feet and less shall be drilled with no more than 12 thru holes having a diameter of 11/16", and poles 80-feet and greater shall be drilled with no more than 12 thru holes having a diameter of 3/4". Hole diagram to be provided to successful bidder. - All poles shall have clips welded to the face to support removable climbing ladders as shown in WAPA Drawings 43-2218 (Structure with Post Insulators) and 43-2220. Ladders are not to be provided.</p>

List required materials needed to make the product, including materials of product components, if applicable	steel metal alloy with as many domestic components as possible
---	--

Are there applicable certification requirements?	
Yes	
No	x
Please explain:	

Are there any applicable regulations that apply to the production of this item?	
Yes	x
No	

Please explain:	Needs to comply to the maximum extent possible with the Buy American Act. WAPA is seeking steel utility poles manufactured with as many domestic components, including and especially iron, as possible.
Are there any other standards / requirements?	
Yes	x
No	
Please explain:	Needs to comply with Western Area Power Construction Standard 6 https://www.wapa.gov/DoingBusiness/SellingToWestern/Documents/ConstructionStandard2016.pdf
NAICS CODES:	
NAICS 1	332312 Fabricated structural metal manufacturing
NAICS 2	
Additional Comments:	
Additional technical comments:	WAPA is seeking a U.S. manufacturer who uses domestic components to produce Class 2 galvanized steel, dodecagonal shaped, utility poles.
Volume and Pricing:	
Estimated Potential Business Volume (i.e. #units per day, month, year):	200 units total
Estimated Target Price/Unit Cost Information:	unit prices will vary depending on the pole height (40 ft - 90 ft).
Delivery Requirements:	
When is it needed by? (Immediate, 30 days, 6 months, etc.)	2 months
Describe packaging requirements (i.e. individually/group packaging, etc.)	industry standard packaging and shipping to location. WAPA will provide unloading services.
Where will this item be shipped?	Elverta, CA and Redding, CA
Additional Comments:	
Is there other information you would like to include?	Department of Energy, Western Area Power Administration, Sierra Nevada Region

Request for Information (For Market Research Purposes Only)
Light Duty Steel Poles – Class 2 Galvanized

Western Area Power Administration (WAPA), Sierra Nevada Region (SNR) is issuing this Request for Information (RFI) to determine the availability of small business firms and other-than-small business firms that have the capability of providing Light Duty Steel Poles as described in attached specifications and drawings.

WAPA anticipates a Firm-Fixed Price contract with a period of performance of approximately one year. WAPA anticipates an IDIQ contract or a PO with a Base quantity of 98 poles to be delivered as soon as possible after award, with an Option of 100 additional poles possibly exercised at established contract prices within the year.

This RFI is for market research purposes only. WAPA is NOT seeking competitive quotes at this time. This RFI does not constitute a Request for Quote (RFQ), Request for Proposal (RFP), or Invitation for Bid (IFB). No reimbursement will be made for any costs associated with providing information to this RFI or any follow-up information requests.

Interested parties having ability to meet this requirement are encouraged to provide feedback via email to Angela Xavier at xavier@WAPA.GOV by 7/9/24, 14:30 Pacific Time. Phone calls will not be accepted. Please provide your response to the following:

- 1) Please fill out and return *RFI Attachment 4 - Pricing Estimate Tables*.

Also provide answers to the following:

- 2) Offeror's name, UEI #, CAGE, address, point of contact, phone number, and e-mail address.
- 3) Offeror's Business Size and type of Small Business, if applicable (Small Business, Woman-Owned Small Business, HUBZone, Service-Disabled Veteran Owned and/or 8(a).
- 4) Whether your company is a manufacturer or a distributor.

If you are a manufacturer, please provide the names of any authorized small distributors.

If you are a distributor, please state the manufacturer(s) of the poles you sell. Please provide any authorized distributor letters.

- 5) Offeror's capability to deliver requirements described in Attachments 1, 2, 3. Please provide specific project experience. Each project should be briefly summarized.
- 6) Lead time(s) After Receipt of Order (ARO) for Delivery.
- 7) GSA Contract information if poles are available on your GSA schedule.
- 8) Warranty information.

Attachments:

RFI Attachment 1-RequirementsSteel-Poles

RFI Attachment 2-Construction Specs43_2218

RFI Attachment 3-Construction Specs43_2220

RFI Attachment 4 - PRICING ESTIMATE-TABLES – PLEASE FILL AND RETURN

**Independent Requirements Document
Western Area Power Administration**

LIGHT DUTY STEEL POLES

1. General

1.1 Scope

This Specification covers light duty poles having a wood pole class size equivalency, and a galvanized finish.

2. Design and Construction

Poles shall be in accordance to WAPA Construction Standard 6 located at:

<https://www.wapa.gov/DoingBusiness/SellingToWestern/Documents/ConstructionStandard2016.pdf>

Clarifications to WAPA Construction Standard 6 are as follows:

1. Poles shall be dulled galvanized steel.
2. Poles shall be dodecagonal in shape. Round shaped steel poles are prohibited.
3. Poles 55-feet and less shall be a single piece and poles 60-feet and greater and less than 100-feet shall be a two piece. All poles shall use a standard embedment of 10% of the pole length plus 2-feet and use native backfill.
4. Poles 60-feet and less shall be drilled with no more than 12 thru holes having a diameter of 11/16", and poles 80-feet and greater shall be drilled with no more than 12 thru holes having a diameter of 3/4". Hole diagram to be provided to successful bidder.
5. All poles shall have clips welded to the face to support removable climbing ladders as shown in WAPA Drawings 43-2218 (Structure with Post Insulators) and 43-2220. Ladders are not to be provided.

2.1 Pole Sizes

Poles shall be Class 2 and provided in the heights as indicated in the table below. Poles shall be delivered to two separate locations as described in section 2.1 and section 3.

BASE AWARD:

Pole Height	Pole Class	Qty Deliver to Elverta	Qty Deliver to Redding	Total Quantity
40'	2	8	6	14
45'	2	39	6	45
50'	2	6	8	14
55'	2	6	6	12
60'	2	4	3	7
85'	2		3	3
90'	2		3	3

CONTRACT OPTION:

Pole Height	Pole Class	Qty Deliver to Redding	Total Quantity
40'	2	5	5
45'	2	85	85
50'	2	8	8
55'	2	2	2

3. Delivery

Poles are to be delivered FOB to the locations below:

DELIVERY LOCATION: ELVERTA, CA

Pole Height	Pole Class	Deliver to Elverta
40'	2	8
45'	2	39
50'	2	6
55'	2	6
60'	2	4
85'	2	
90'	2	

DELIVERY LOCATION: REDDING, CA

Pole Height	Pole Class	Deliver to Redding	Contract Option
40'	2	6	5
45'	2	6	85
50'	2	8	8
55'	2	6	2
60'	2	3	
85'	2	3	
90'	2	3	

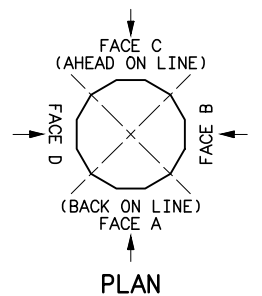
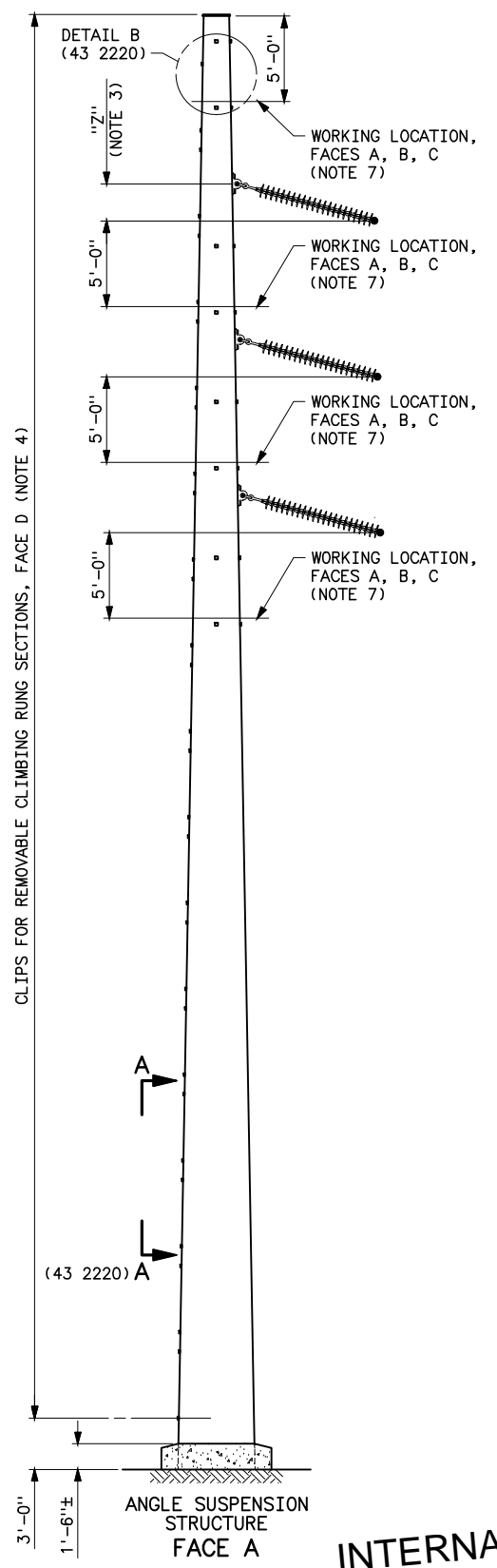
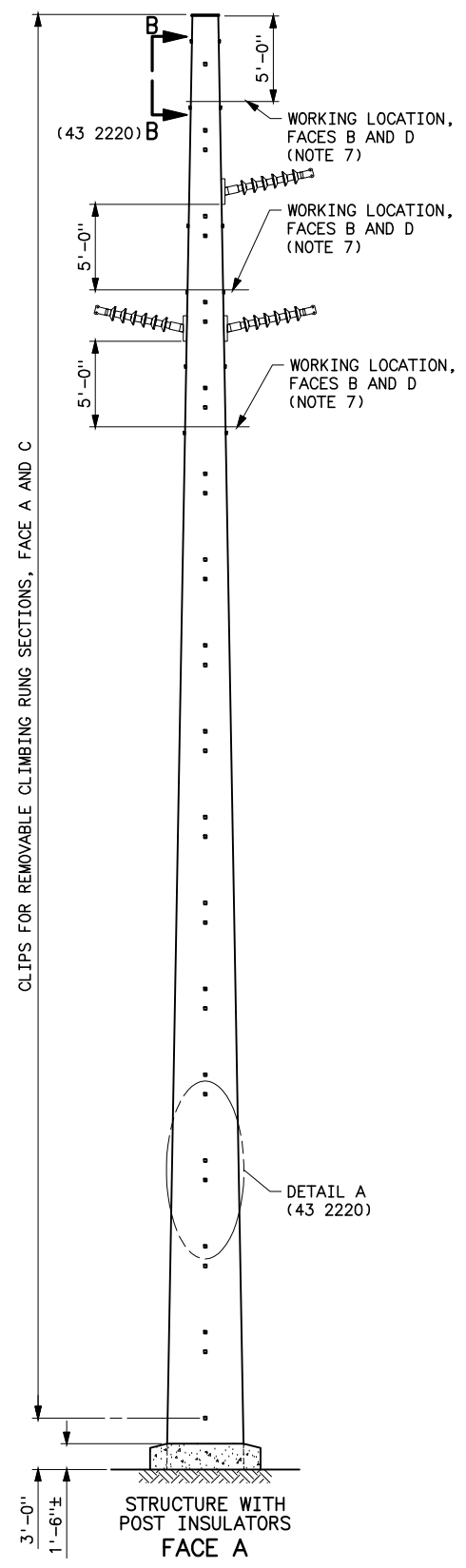
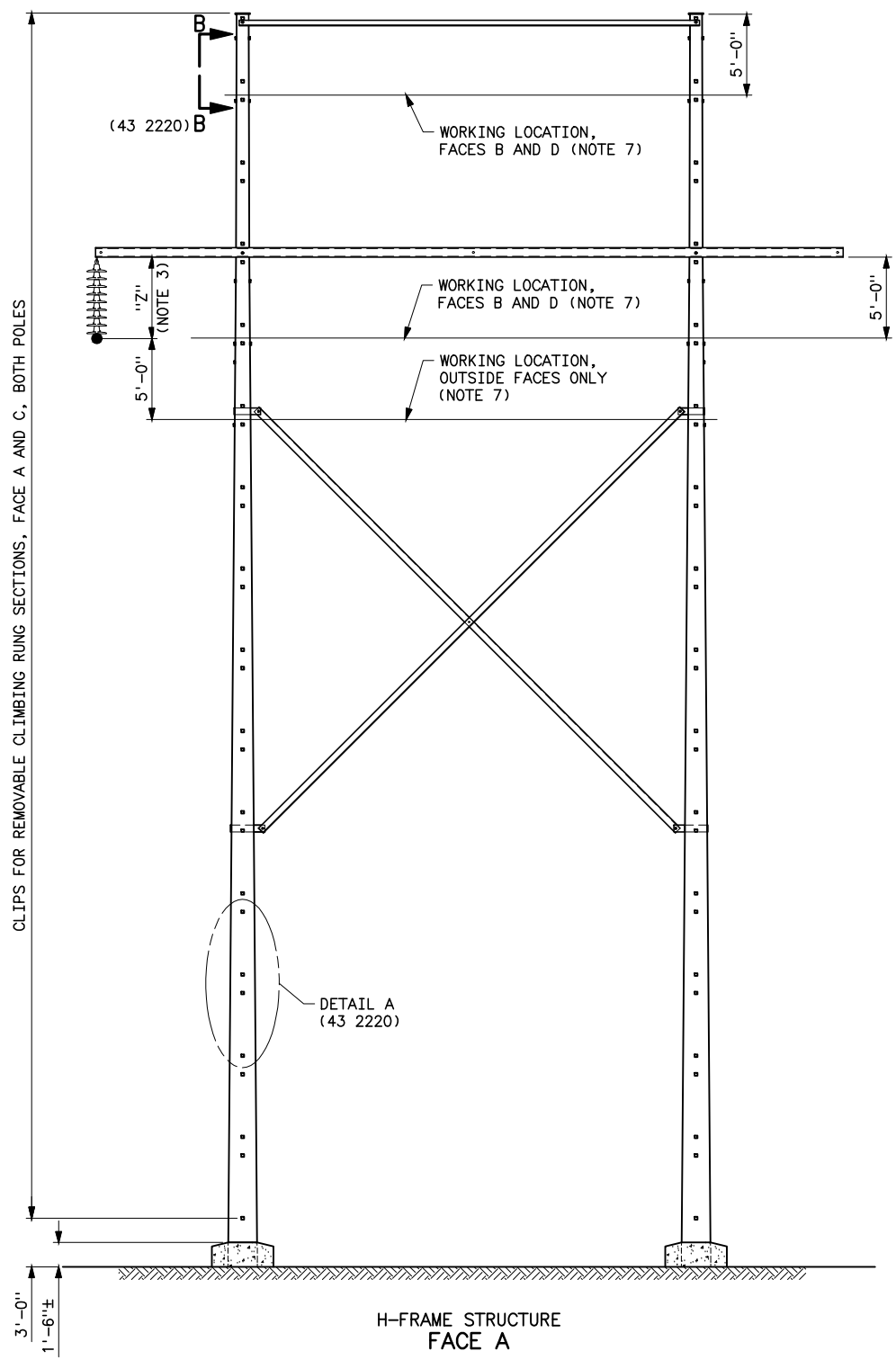
Detailed addresses will be provided to the successful bidder. The successful bidder is responsible for the route of delivery and any associated permitting.

WAPA will provide unloading services.

Pole delivery shall be scheduled Tuesday through Friday 8:00 a.m. to 3:30 p.m., excluding Federal holidays.

Provide two (2) notifications to WAPA personnel prior to delivery. The first notification shall be two (2) weeks prior to delivery and the second notification shall be 48-hours prior to delivery. A detailed list, to include quantity, pole sizes, and weight, shall be furnished 20-days in advance of each delivery.

Plotted By: bperry Apr 22, 2020 - 1:18pm
 C:\Users\BPerry\Desktop\T-Line Projects\10-LD Poles Maintenance Provision\43-2218.dwg Last Saved By: Perry, Bronson on 4/22/2020 1:15 PM



(ALL VIEWS TAKEN LOOKING IN DIRECTION OF ARROW)

NOTES

1. LOCATION OF CLIPS FOR REMOVABLE CLIMBING RUNG SECTIONS SHALL PROVIDE FOR SMOOTH UNOBSTRUCTED CLIMBING FOR THE FULL LENGTH OF ALL POLE SHAFTS.
2. WELDS TO ATTACH MAINTENANCE PROVISIONS TO STRUCTURES SHALL DEVELOP THE ULTIMATE TENSILE STRENGTH OF THE ATTACHED PART.
3. FOR VERTICAL COMPONENT OF INSULATOR LENGTH, "Z", SEE SPECIFICATIONS.
4. FOR ANGLE SUSPENSION STRUCTURES, LOCATE CLIPS FOR REMOVABLE CLIMBING RUNG SECTIONS ON POLE FACE OPPOSITE SUSPENSION INSULATORS.
5. ALTERNATIVE METHODS FOR MAINTENANCE PROVISIONS AND ATTACHMENTS MAY BE SUBMITTED FOR APPROVAL.
6. REMOVABLE CLIMBING RUNG SECTIONS NOT SHOWN FOR CLARITY.
7. CLIPS FOR REMOVABLE CLIMBING RUNG SECTIONS AT WORKING LOCATIONS SHALL BE LOCATED SO THAT THE BOTTOM STEP BOLTS ARE AT THE WORKING LOCATION WHEN THE REMOVABLE CLIMBING RUNG SECTIONS ARE INSTALLED.
8. LOCATIONS OF REMOVABLE CLIMBING RUNG SECTIONS SHALL BE SPACED TO ALLOW REMOVAL OF ANY CLIMBING RUNG SECTION WHILE ADJACENT SECTIONS REMAIN IN PLACE.

REFERENCE DRAWING

MAINTENANCE PROVISIONS - DETAILS-----43 2220

**INTERNAL ENGINEERING REVIEW
 NOT TO BE USED FOR REVIEW SET**

UNITED STATES DEPARTMENT OF ENERGY
 WESTERN AREA POWER ADMINISTRATION
 HEADQUARTERS - LAKEWOOD, COLORADO

**TRANSMISSION LINE
 STRUCTURE STANDARDS
 LIGHT DUTY STEEL POLE STRUCTURES
 MAINTENANCE PROVISIONS - OUTLINES**

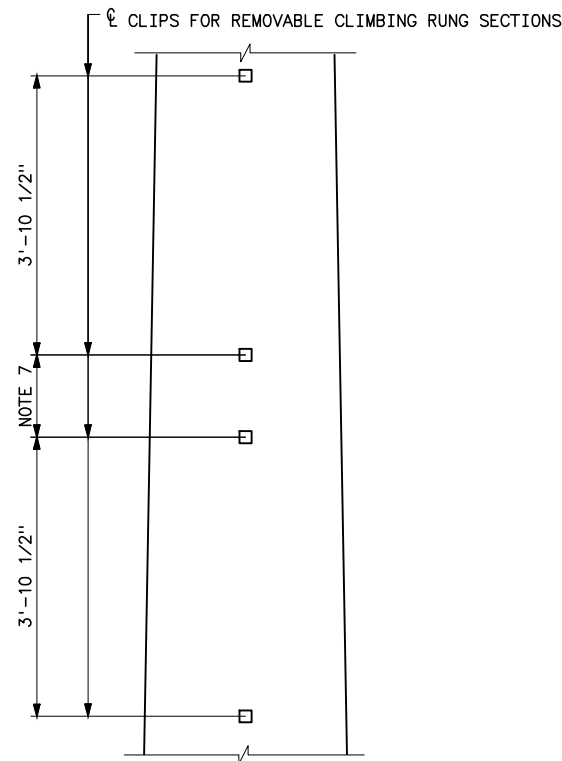
DESIGNED BY: BRONSON PERRY
 APPROVED BY: GINA CRAWFORD
 CIVIL ENGINEERING MANAGER

AS OF: Apr 22, 2020 - 1:18pm

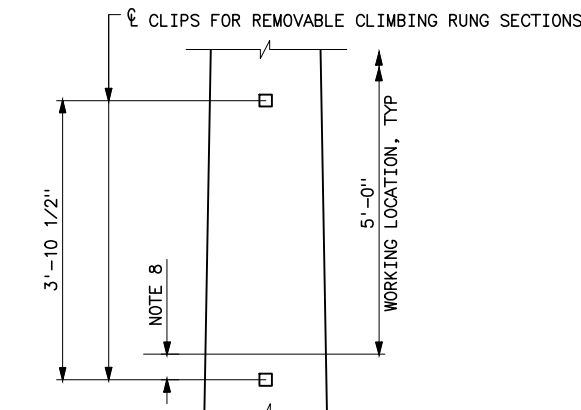
DATE	April 22, 2020	NO.	43	REV.	2218
------	----------------	-----	----	------	------

XREF (S):

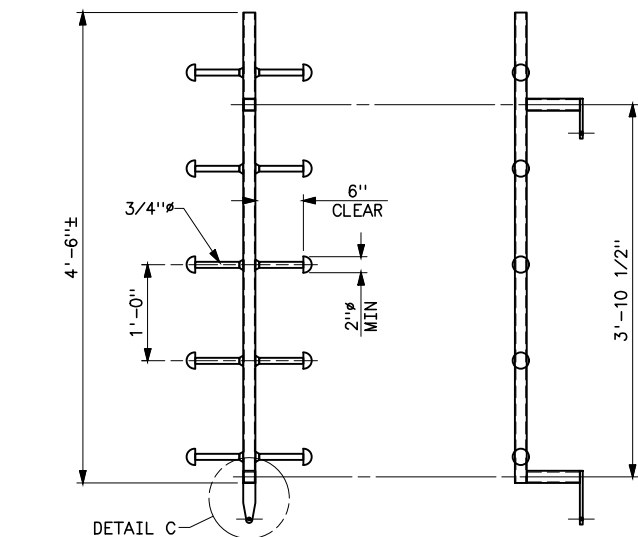
Plotted By: bperry Apr 22, 2020- 1:19pm
 C:\Users\BPerry\Desktop\Line Projects\10-LD Poles Maintenance Provision\43-2220.dwg Last Saved By: Perry, Bronson on 4/22/2020 1:14 PM



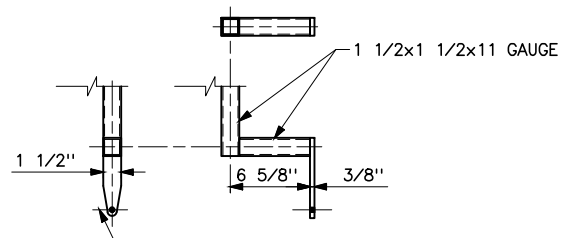
DETAIL A AND SECTION A-A
 TYPICAL CLIPS FOR REMOVABLE CLIMBING RUNG SECTIONS ARRANGEMENT



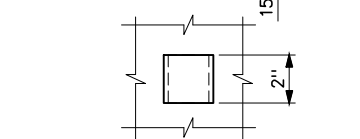
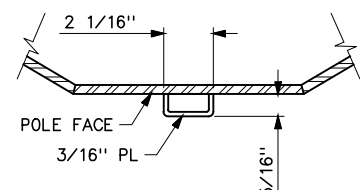
DETAIL B AND SECTION B-B
 TYPICAL CLIPS FOR REMOVABLE CLIMBING RUNG SECTIONS WORKING LOCATION ARRANGEMENT



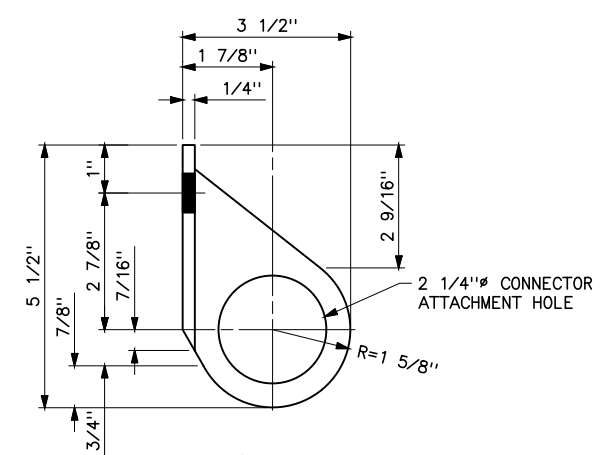
REMOVABLE CLIMBING RUNG SECTION



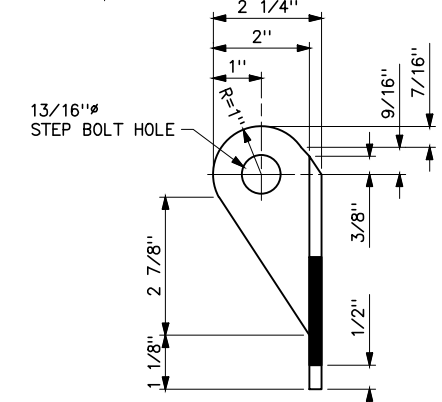
DETAIL C



CLIP FOR REMOVABLE CLIMBING RUNG SECTIONS



RIGHT ANCHORAGE PLATE FOR 3/4" STEP BOLTS (STEEL POLE STRUCTURES)
 MARK 1FP-5R (NOTES 5 AND 6)



LEFT ANCHORAGE PLATE FOR 3/4" STEP BOLTS (STEEL POLE STRUCTURES)
 MARK 1FP-5L (NOTES 5 AND 6)

- NOTES**
1. WELDS TO ATTACH MAINTENANCE PROVISIONS TO STRUCTURES SHALL DEVELOP THE ULTIMATE TENSILE STRENGTH OF THE ATTACHED PART.
 2. STEP BOLTS SHALL BE CORRUGATED, KNURLED, DIMPLED, OR OTHERWISE TREATED TO MINIMIZE SLIPPING. COATING WITH SKID-RESISTANT MATERIAL IS NOT ACCEPTABLE.
 3. DISTANCE FROM CENTERLINE OF STEP BOLTS TO FACE OF POLE SHAFTS FOR REMOVABLE CLIMBING RUNG SECTIONS SHALL BE 7 INCHES.
 4. INSIDE BEND RADIUS FOR 1/4" PLATE: 3/8".
 5. ANCHORAGE PLATE MARK NUMBER - KEY TO DESIGNATIONS:
 - FP DENOTES "FLANGE PLATES";
 - 5 DENOTES STRENGTH OF PLATE IN KIPS;
 - R AND L DENOTE RIGHT AND LEFT ANCHORAGE PLATE.
 6. INSTALLATION INSTRUCTIONS:
 - INSTALL ANCHORAGE PLATES FLUSH WITH CENTER OF ATTACHMENT.
 - SECURE ANCHORAGE PLATE TO ATTACHMENT USING 3/4" STEP BOLT, 1 NUT ON THE OUTSIDE OF THE PLATE AND 1 NUT AND LOCKNUT ON THE INSIDE OF THE ATTACHMENT.
 - ENSURE THAT PLATES DO NOT MOVE AFTER INSTALLATION.
 7. LOCATIONS OF REMOVABLE CLIMBING RUNG SECTIONS SHALL BE SPACED TO ALLOW REMOVAL OF ANY CLIMBING RUNG SECTION WHILE ADJACENT SECTIONS REMAIN IN PLACE.
 8. CLIPS FOR REMOVABLE CLIMBING RUNG SECTIONS AT WORKING LOCATIONS SHALL BE LOCATED SO THAT THE BOTTOM STEP BOLTS ARE AT THE WORKING LOCATION WHEN THE REMOVABLE CLIMBING RUNG SECTIONS ARE INSTALLED.

REFERENCE DRAWING
 MAINTENANCE PROVISIONS -
 OUTLINES - - - - - 43 2218 & 2019

INTERNAL ENGINEERING REVIEW
NOT TO BE USED FOR REVIEW SET

WESTERN AREA POWER ADMINISTRATION
 HEADQUARTERS - LAKEWOOD, COLORADO
TRANSMISSION LINE
 STRUCTURE STANDARDS
 LIGHT DUTY STEEL POLE STRUCTURES
 MAINTENANCE PROVISIONS - DETAILS

DRAWING

AS OF: Apr 22, 2020- 1:19pm

DESIGNED BY: BRONSON PERRY
 APPROVED BY: GINA CRAWFORD
 CIVIL ENGINEERING MANAGER

BASE AWARD:

Pole Height	Pole Class	Qty Unit Extended Prices			Qty Unit Extended		
		Deliver to Elverta	Prices to Elverta	to Elverta	Deliver to Redding	Prices to Redding	Prices to Redding
40'	2	8		\$0.00	6		\$0.00
45'	2	39		\$0.00	6		\$0.00
50'	2	6		\$0.00	8		\$0.00
55'	2	6		\$0.00	6		\$0.00
60'	2	4		\$0.00	3		\$0.00
85'	2				3		\$0.00
90'	2				3		\$0.00
TOTALS		63		\$0.00	35		

CONTRACT OPTION:

Pole Height	Pole Class	Qty Unit Total Extended		
		Deliver to Redding	Prices to Redding	Price Deliver to Redding by Pole Height
40'	2	5		\$0.00
45'	2	85		\$0.00
50'	2	8		\$0.00
55'	2	2		\$0.00
TOTALS		100		\$0.00

Total Quantity Elverta + Redding	Total Extended Price by Pole Height
14	\$0.00
45	\$0.00
14	\$0.00
12	\$0.00
7	\$0.00
3	\$0.00
3	\$0.00
98	\$0.00