

**I. MATERIALS**

- A. THE 20' ALUMINUM MOUNTING BRACKET, FOR WOOD POLE, SHALL BE TRUSS STYLE WITH 4" O.D. X 0.125" WALL 6063-T6 ALLOY TUBE UPPER ARM AND BRACE. THE BRACKET SHALL HAVE A 2" SLIP-FITTER, A 36" RISE AND BE SUITED FOR USE WITH LUMINAIRES WEIGHING UP TO 75 LBS. HAVING PROJECTED AREAS OF 1.6 SQUARE FEET. THE REQUIRED POLE MOUNTING SPACE SHALL NOT EXCEED 30." THE COMPLETE BRACKET SHALL HAVE A SATIN ETCH FINISH. THE 20 FOOT BRACKET SHALL BE P & K POLE PRODUCTS # WEHT 2036 OR APPROVED EQUAL.
- B. THE WIRE SHALL BE #10 AWG 7 STRAND, 600V TYPE XHHW SINGLE CONDUCTOR.
- C. THE COMPRESSION CONNECTORS SHALL BE BURNDY #YPC2A8U OR APPROVED EQUAL.

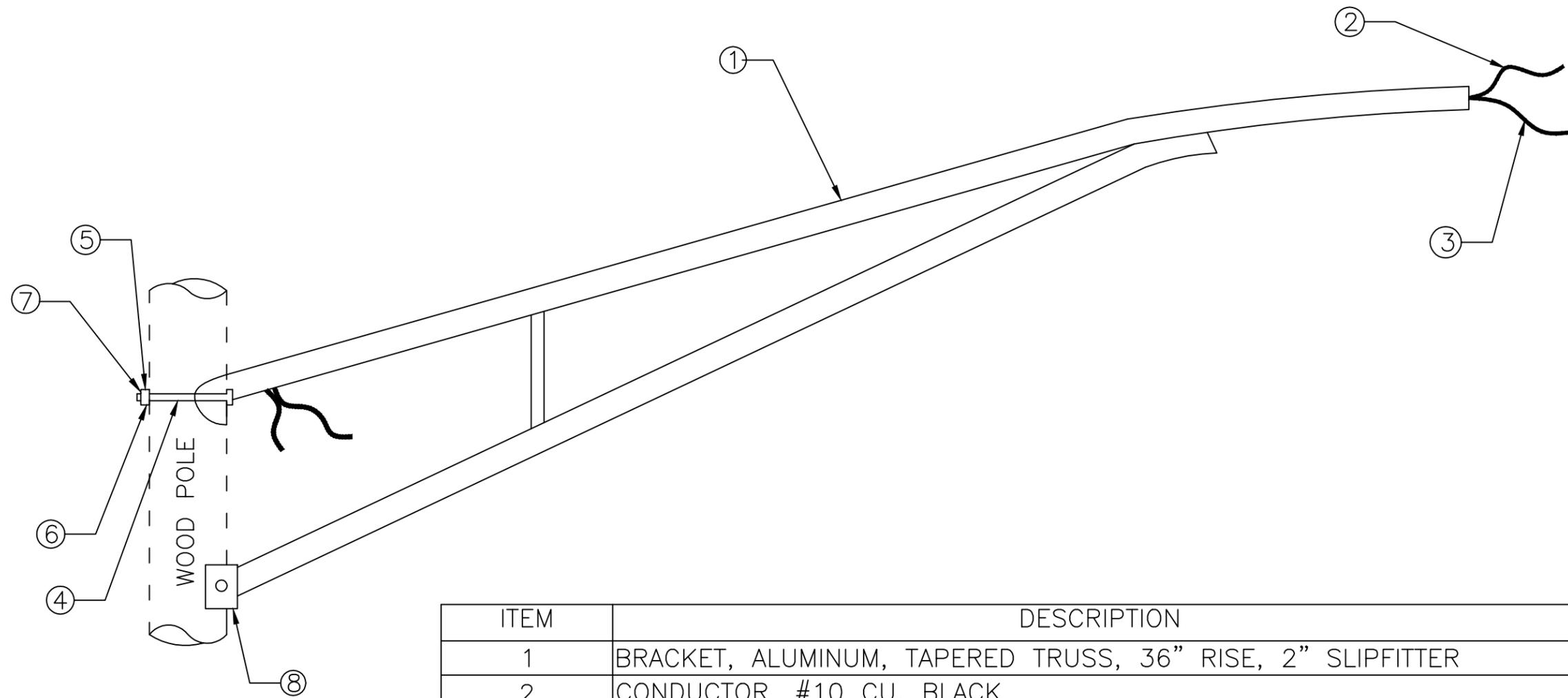
**II. INSTALLATION**

- A. THE INSTALLATION SHALL BE AS SHOWN IN THE CONTRACT DRAWINGS OR INDICATED IN THE FIELD BY THE FIELD ENGINEER.
- B. THE MOUNTING HEIGHT TO LIGHT CENTER SHALL BE 28' UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DRAWINGS OR INDICATED BY THE FIELD ENGINEER.
- C. ANY RELOCATION OF EXISTING FACILITIES REQUIRED FOR PROPER CLEARANCES SHALL BE OBTAINED BY THE CONTRACTOR AND INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.
- D. THIS ITEM SHALL INCLUDE THE FURNISHING AND INSTALLING OF THE BRACKET ARM, THE WIRING INTERNAL TO THE ARM AND THE CONNECTION OF THE WIRING TO THE CIRCUIT AND LUMINAIRE. THE LUMINAIRE AND CIRCUIT SHALL BE PROVIDED AND PAID AS SEPARATE ITEMS AND ARE NOT INCLUDED IN THIS SPECIFICATION.

**III. BASIS OF PAYMENT**

ITEM	UNIT	DESCRIPTION
MIS-102	EACH	BRACKET, 20' ALUMINUM, FOR WOOD POLE

<b>MIS-102</b>	DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER CITY OF COLUMBUS, OHIO		
	<b>BRACKET, 20' ALUMINUM, FOR WOOD POLE</b>		
	DRAWN BY: BEN	DATE: 1/1/2018	
	APPROVED: <i>[Signature]</i>		
SCALE: NONE	SHEET: 1 OF 2	102	



ITEM	DESCRIPTION	QTY
1	BRACKET, ALUMINUM, TAPERED TRUSS, 36" RISE, 2" SLIPFITTER	1 EA
2	CONDUCTOR, #10 CU. BLACK	24 FT
3	CONDUCTOR, #10 CU. WHITE	24 FT
4	BOLT, MACHINE 5/8" x LENGTH AS REQUIRED	1 EA
5	WASHER, SQ. CURVED 2-1/4" x 2-1/4" x 3/16", 11/16" DIA. HOLE	1 EA
6	WASHER, LOCK 11/16" DIA. HOLE, DOUBLE COIL	1 EA
7	NUT, SQUARE 5/8" -11 UNC (INCLUDED WITH MACHINE BOLT)	1 EA
8	SCREW, LAG 1/2" x 4"	2 EA
9	CONNECTOR, COMPRESSION (NOT SHOWN SIZE AS REQUIRED)	2 EA

<b>MIS-102</b>	DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER CITY OF COLUMBUS, OHIO		
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SCALE: NONE	SHEET: 2 OF 2	102	