

Project Summary

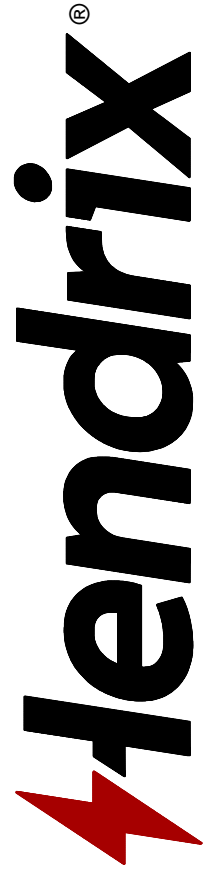
Cable: 477 Kcmil, AAC 15kV Black 3 layer
Messenger: 19 No.8 AW
Spacer: RTL-15DM

Span: 396 feet
Poles Added: 2

- General Notes:
1. Weather Case NESC Heavy. Grade B Construction. See data in Sag Tension spreadsheet for details.
 2. Wires displayed at 32°F, 1/2inch radial ice, creep.
 3. Messenger wire are assumed to act as the neutral, capacity equivalent to 1/0 AAC.
 4. Elevation data is taken from USGS Basemap and Google Earth, coordinate system UTM Zone 19N in ft.

Messenger Cuts: 550

DRAFT



53 OLD WILTON RD. ■ MILFORD, NH 03055 ■ (603) 673-2040
ISSUE DATE: 8/30/2018
DESIGNED BY: JAP

PROJECT NO. 14405
DESIGN NO. 4458
UTILITY NO. AE-112-E0

Liberty Utilites

1-93 Crossing at Brookdale Rd, Salem NH

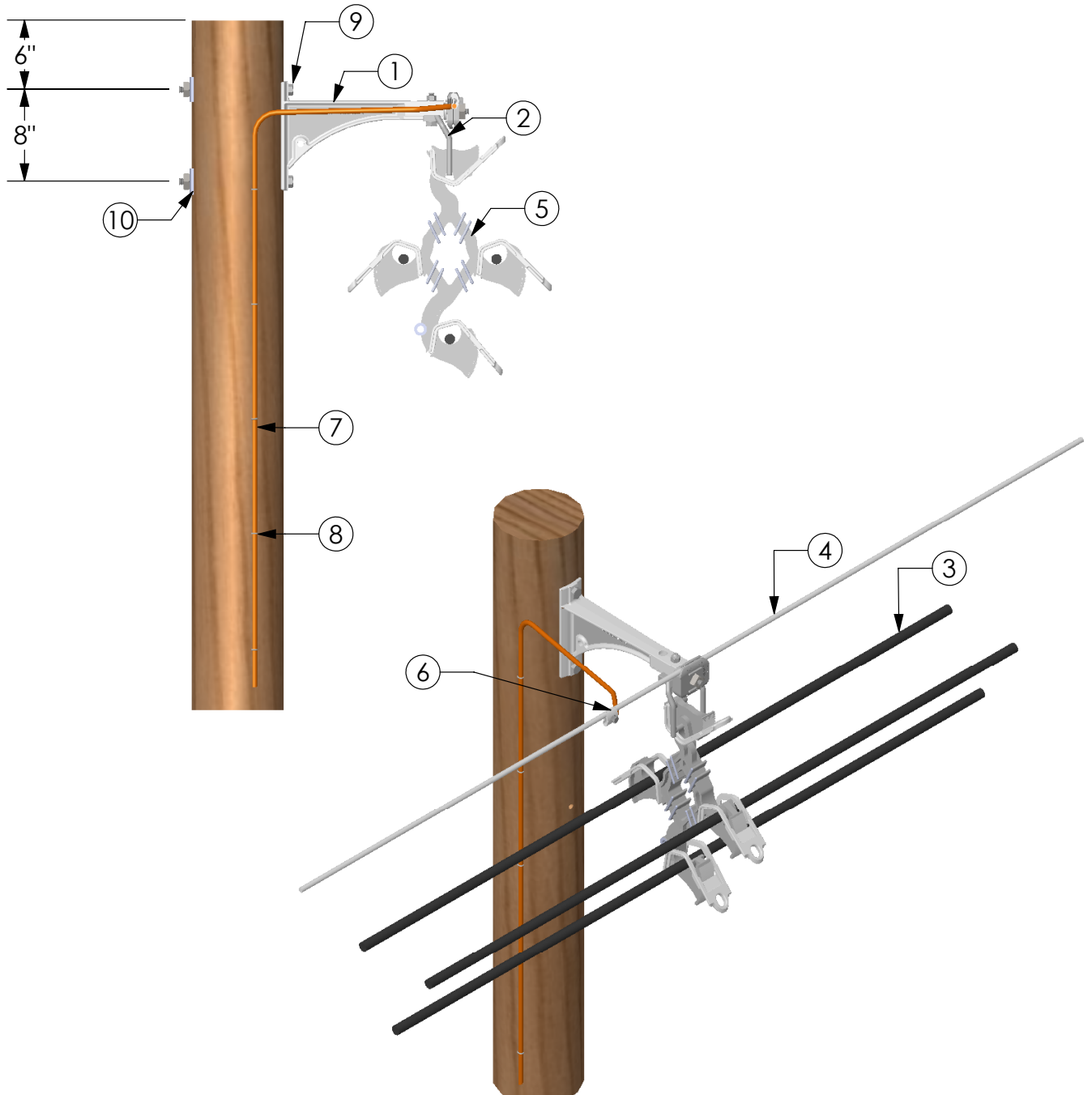
REVISIONS

DESCRIPTION
Released for Customer Review

REV DATE
1 8/30/2018

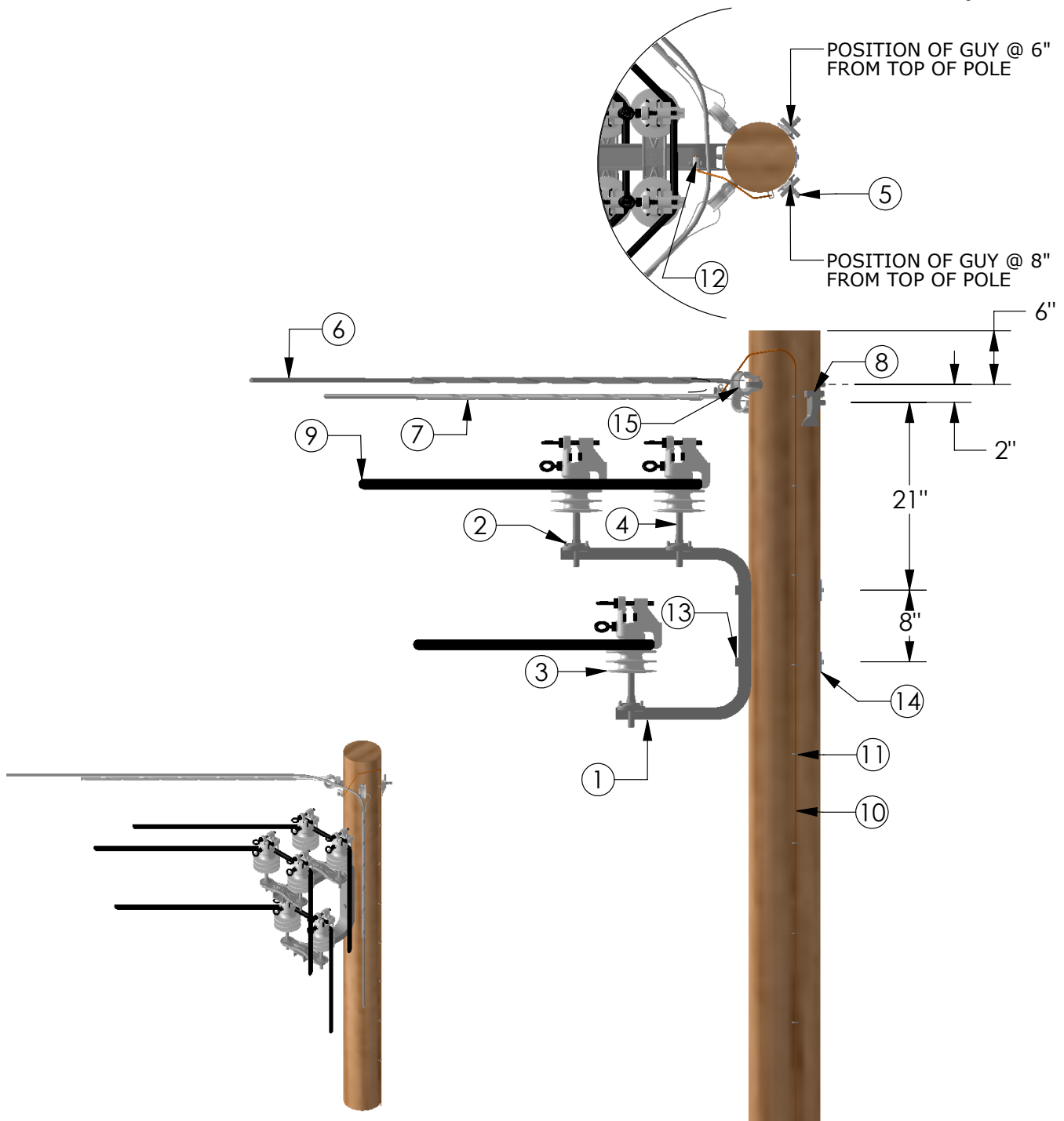


SHEET 2 OF 2



ITEMS IN RED NOT SUPPLIED BY HENDRIX

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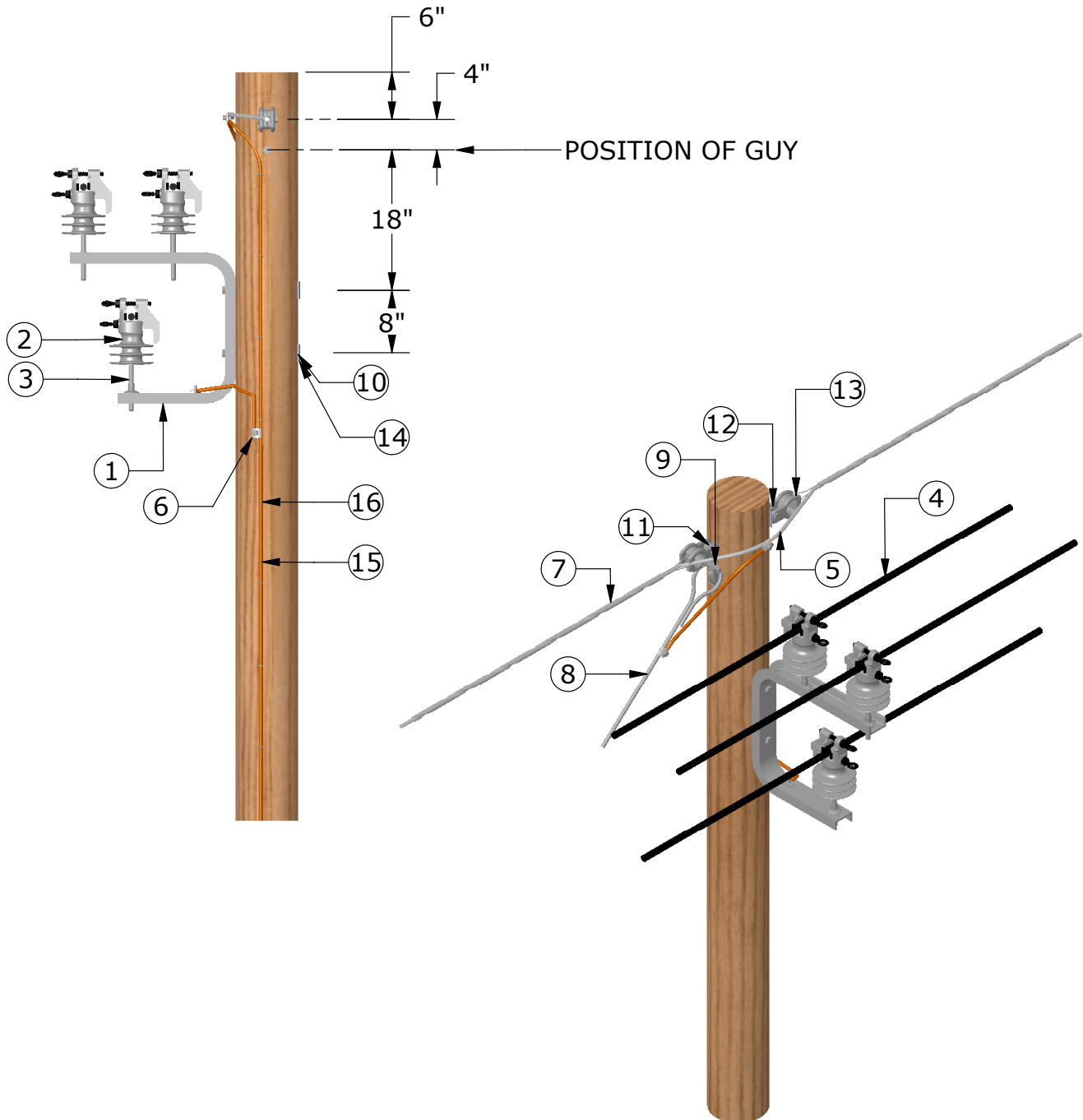


ITEMS IN RED NOT SUPPLIED BY HENDRIX

ITEM	DESCRIPTION	QTY	DESIGN PARAMETERS
1	ANGLE BRACKET, HENDRIX TYPE BA3 - 15	1	15kV
2	DOUBLE INSULATED PLATE, HENDRIX TYPE 2IP	3	61° -90° ANGLES
3	INSULATOR TYPE, HENDRIX HPI-15VTP	6	TITLE
4	INSULATOR PIN, HENDRIX TYPE SSP-2	6	CONSTRUCTION USING BA3-15 AND 2IP PLATES
5	EYEBOLT, 3/4" X REQ. LENGTH	2	DRAWING NO. REV
6	MESSENGER (SIZE AND TYPE AS REQUIRED)	AS REQ	AC1246-01 2
7	PRESHAPED MESSENGER GRIP	2	DATE
8	GUY HOOK, CONTINENTAL NO. GA-56X, OR EQUAL	2	8/16/06
9	HENDRIX AERIAL CABLE (SIZE AND VOLTAGE AS REQUIRED)	AS REQ	
10	GROUND WIRE, SOFT DRAWN COPPER, SOLID, #6 AWG	AS REQ	
11	GROUND WIRE STAPLE	AS REQ	
12	CONNECTOR (SIZE AND TYPE AS REQUIRED)	1	
13	MACHINE BOLT 5/8" X REQ. LENGTH	2	
14	SQUARE WASHER, 2-1/4" X 2-1/4" X 3/16", MIN.	2	
15	THIMBLE CLEVIS, HENDRIX TYPE HDTC	2	

Hendrix
 AERIAL CABLE SYSTEMS

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ITEMS IN RED NOT SUPPLIED BY HENDRIX

ITEM	DESCRIPTION	QTY	DESIGN PARAMETERS
1	ANGLE BRACKET, HENDRIX TYPE BA3-15	1	15kV
2	INSULATOR, HENDRIX TYPE HPI-15VTP	3	TANGENT CONSTRUCTION
3	INSULATOR PIN, HENDRIX TYPE SSP-2	3	
4	HENDRIX AERIAL CABLE, (SIZE AND VOLTAGE RATING AS REQ.)	AS REQ.	TITLE
5	MESSENGER, (SIZE AND TYPE AS REQ.)	AS REQ.	MESSENGER DEAD-END FOR LONG SPANS
6	CONNECTORS, (SIZE AND TYPE AS REQ.)	AS REQ.	
7	PRESHAPED MESSENGER GRIP	2	
8	GUY STRAND, (SIZE AND TYPE AS REQ.)	1	DRAWING NO. REV
9	GUY HOOK, CONTINENTAL NO. GA-56X, OR EQUAL	AS REQ.	AC1249-01 2
10	MACHINE BOLT, 5/8" X REQ. LENGTH	3	DATE
11	EYE BOLT 3/4" X REQ. LENGTH	1	9/6/06
12	EYE NUT 3/4" X REQ. LENGTH	1	
13	HEAVY DUTY THIMBLE CLEVIS, HENDRIX CATALOG NO. HDTC	2	
14	SQUARE WASHER, 2-1/4" X 2-1/4" X 3/16" MIN.	3	
15	GROUND WIRE, SOFT DRAWN COPPER, SOLID, #6 AWG MIN	4	
16	GROUND WIRE STAPLES	AS REQ.	

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