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# Progressive Engineering Consultants, Inc.

**REQUEST FOR PROPOSAL  
FOR STEEL POLES  
FOR THE  
100 kV TRANSMISSION LINE  
TO  
HUNTER INDUSTRIAL PARK**

**PIEDMONT MUNICIPAL POWER AGENCY  
GREER, SOUTH CAROLINA**

RESPECTFULLY SUBMITTED BY:



A handwritten signature in black ink that reads "Michael A. Dawson".

P.O. Box 690638 Charlotte, North Carolina 28227-7011  
Telephone (704) 545 - 7327  
[progress@pecinc.net](mailto:progress@pecinc.net)



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**ADVERTISEMENT FOR PROPOSALS**  
**SECTION AP**

**ADVERTISEMENT FOR PROPOSALS**

**Piedmont Municipal Power Agency  
121 Village Drive  
Greer, South Carolina 29651**

Progressive Engineering Consultants shall receive sealed proposals via email, on behalf of the Piedmont Municipal Power Agency of Greer, South Carolina for furnishing the Steel Poles for the 100 kV Transmission Line to Hunter Industrial Park, as specified. **Proposals shall be received via email on or before 5:00 p.m. local time on Wednesday, March 11, 2026.** Bids shall be submitted via email to [progress@pecinc.net](mailto:progress@pecinc.net).

**The Contract Documents may be examined at the following locations:**

**Piedmont Municipal Power Agency** Greer, South Carolina  
**Progressive Engineering Consultants, Inc.** Charlotte, North Carolina

Documentation may be obtained by contacting the office of Progressive Engineering Consultants, Inc., P.O. Box 690638, Charlotte, North Carolina, 28227, Telephone No. 704-545-7327.

A certified check or cashier’s check, payable to the Piedmont Municipal Power Agency, or a satisfactory Bid Bond executed by a Corporate Surety licensed under the laws of South Carolina to execute such bonds, in the amount equal to five (5) percent of the total bid price shall be submitted with each proposal. Proposals may not be withdrawn for ninety (90) days after the date of receipt.

The bid deposit shall be retained by the Piedmont Municipal Power Agency if the successful bidder fails to execute the contract or fails to provide the required bonds, within ten (10) days of the award of the contract.

The successful bidder shall be required to furnish a separate one hundred percent (100%) Performance Bond on the forms included as part of the Contract Documents. The Performance Bond shall be in full force and effect for one (1) year after the date of final acceptance of the equipment by the PMPA.

The Piedmont Municipal Power Agency invites and encourages participation in this bidding process by minority business enterprises. The Piedmont Municipal Power Agency reserves the right to reject any or all proposals and to accept any combination of proposals which are deemed to be in the best interest of the Agency.

**PIEDMONT MUNICIPAL POWER AGENCY  
GREER, SOUTH CAROLINA**

\_\_\_\_\_

By

\_\_\_\_\_

Title

**NOTICE AND INSTRUCTIONS TO BIDDERS**  
**SECTION NIB**

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**NOTICE AND INSTRUCTIONS TO BIDDERS****Notice**

Progressive Engineering Consultants, Inc. will receive proposals, *via email*, on behalf of the Piedmont Municipal Power Agency of Greer, South Carolina (hereinafter called the “Purchaser”) to furnish the Steel Poles for the 100 kV Transmission Line to Hunter Industrial Park. **Proposals should be received VIA EMAIL no later than 5:00 p.m. on Wednesday, March 11, 2026.** The proposals will be publicly opened and read at the following location, date, and time.

**Location:** Progressive Engineering Consultants, Inc.  
4700-D1 Lebanon Road  
Charlotte, NC 28227  
Attn: Robert F. Thomas, Jr.

**Time:** 11:00 a.m. (*local time*)  
**Thursday, March 12, 2026**

*Proposals received after the time specified shall be returned unopened.*

A complete set of Contract Documents may be obtained from the office of Progressive Engineering Consultants, Inc., P.O. Box 690638, Charlotte, North Carolina, 28227, Telephone No. (704) 545-7327.

**Instructions**

Proposals and all supporting documents required to be attached thereto must be submitted via email, to the attention of Robert F. Thomas, Jr. at [progress@pecinc.net](mailto:progress@pecinc.net).

The name and address of the bidder, as well as the date and time of the opening of the proposals, must appear on all documentation submitted. Proposals shall also be marked "**Sealed Proposals for the Purchase of Steel Poles for the 100 kV Transmission Line to Hunter Industrial Park**". Bidders will be required to comply with all applicable statutes, regulations, etc., as set forth by the State of South Carolina and those attached to and made a part of these bid documents.

Each proposal must be accompanied by a certified check on a bank that is a member of the FDIC, payable to the order of the Purchaser, or a Bidder's Bond acceptable to the Purchaser and running in favor of the Purchaser, in an amount equal to (5%) of the maximum proposal price. If a proposal is accepted, the Bidder agrees that by filing its proposal together with such check or Bidder's Bond in consideration of the Purchaser receiving and considering such proposal, said proposal shall be firm and binding upon each such Bidder and such check or Bidder's Bond shall be held by the Purchaser for a period not to exceed ninety (90) days from the date set for the opening of the proposals.

The successful Bidder will be required to enter into a contract with the Purchaser and to furnish a one hundred percent (100%) Performance Bond on the form included as a part of these documents, in a penal sum equal to the contract price and with Surety satisfactory to the Purchaser's Attorney. Contract and Performance Bonds are not to be completed at the time of this proposal and are included in order to advise the Bidder as to form.

Any conditions, requirements or restrictions included as part of the Bidder's Proposal as set forth in these Notice and Instructions to Bidders may result in the proposal being deemed non-responsive.

The Bidder's proposal shall include transportation charges to the site located in Laurens, South Carolina.

Each Bidder shall show, as a separate item, the amounts which will be paid by the successful Bidder as a result of taxes imposed by any taxing authority for the sale, purchase, or use of these materials, supplies, and equipment included in the taxable items furnished.

The Purchaser reserves the right to waive minor irregularities or minor errors in the proposal which appear to have been made through inadvertence, provided such irregularities or errors so waived are corrected on the proposal prior to its acceptance by the Purchaser. The Purchaser also reserves the right to reject any and all proposals and to accept any proposal which is deemed to be in the best interest of the Purchaser.

The quantities shipped shall be the same as the quantities bid. Any items received in excess of the bid quantities shall not increase the bid price.

The proposal form shall be completed exactly as presented with all prices, terms and signatures as required. Any proposal which is not properly completed shall be deemed non-responsive and shall not be considered for contract award.

The Piedmont Municipal Power Agency invites and encourages participation in this bidding process by Minority and Women-Owned Business Enterprises.

Specifications may be obtained at the office of the Purchaser's Engineer, Progressive Engineering Consultants, Inc., PO Box 690638, Charlotte, NC 28227-7011, or by calling (704) 545-7327.

**PIEDMONT MUNICIPAL POWER AGENCY**  
**GREER, SOUTH CAROLINA**  
**(Owner)**

**PROGRESSIVE ENGINEERING CONSULTANTS, INC.**  
**(Engineer)**

Date: February 18, 2026

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**BIDDERS PROPOSAL**  
**SECTION BP**

**BIDDER'S PROPOSAL**

To: Piedmont Municipal Power Association  
Greer, South Carolina

Gentlemen:

The undersigned has carefully examined the attached form of Notice and Instructions to Bidders, Bidders' Proposal (Material List), Contract and Bond and hereby declares that he will furnish the 100 kV Transmission Line material, equipment, and services as specified on the attached Bill of Materials.

*\*Please see the attached list of Steel Poles.*

*\*Please use the following link to the excel spreadsheet for proposal completion and submission.*

**[Link: Pole List - 100 kV Transmission Line](#)**

**Applicable Price Terms:**

**Exceptions:**

\_\_\_\_\_  
Bidder

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
City State Zip

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone

\_\_\_\_\_  
Email

\_\_\_\_\_  
Date

### 100 kV Transmission Line Poles

Item #	STR#	Description	Manufacturer	QTY.	Unit	Unit Price	Extended Price	Standard Package Qty	Lead Time
1	T1	70'-CUSTOM GALVANIZED STEEL	Valmont	1	EA				
2	T2	95'-H2 GALVANIZED STEEL	Valmont	1	EA				
3	T3	100'-1 GALVANIZED STEEL	Valmont	1	EA				
4	T4	90'-H3 GALVANIZED STEEL	Valmont	1	EA				
5,8	T6,T9	75'-1 GALVANIZED STEEL	Valmont	2	EA				
6	T7	75'-H1 GALVANIZED STEEL	Valmont	1	EA				
7	T8	70'-H1 GALVANIZED STEEL	Valmont	1	EA				
9,11,12	T10,T12,T13	80'-H1 GALVANIZED STEEL	Valmont	3	EA				
10	T11	90'-H1 GALVANIZED STEEL	Valmont	1	EA				
13	T14	100'-H1 GALVANIZED STEEL	Valmont	1	EA				
14	T15	95'-H5 GALVANIZED STEEL	Valmont	1	EA				
15	T16	85'-H3 GALVANIZED STEEL	Valmont	1	EA				
16,19	T17,T20	95'-H3 GALVANIZED STEEL	Valmont	2	EA				
17	T18	85'-CUSTOM GALVANIZED STEEL	Valmont	1	EA				
18	T19	110'-H4 GALVANIZED STEEL	Valmont	1	EA				
20	T21	110'-H2 GALVANIZED STEEL	Valmont	1	EA				
21	T22	125'-H4 GALVANIZED STEEL	Valmont	1	EA				
22	T23	125'-H10 GALVANIZED STEEL	Valmont	1	EA				
23	T24	95'-H10 GALVANIZED STEEL	Valmont	1	EA				
24	T25	80'-H6 GALVANIZED STEEL	Valmont	1	EA				

**CONTRACT**

**SECTION C**

**CONTRACT FOR  
MATERIAL FOR THE 100 kV TRANSMISSION LINE TO  
HUNTER INDUSTRIAL PARK**

**THIS AGREEMENT** made and contracted this \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_, between Piedmont Municipal Power Agency, Greer, South Carolina (hereinafter called the Purchaser), party of the first part, and \_\_\_\_\_ hereinafter called the Materialman, party of the second part.

**WITNESSETH:** That for and in consideration of the payments and agreements to be made and performed by the Purchaser, and under penalty expressed in the bond bearing even date with these presents, and hereunto annexed, the Materialman at its own proper cost and expense, and with skill and diligence, will furnish \_\_\_\_\_, as shown on the attached Bill of Materials, for the total sum of \_\_\_\_\_ **US\$ Dollars (\$ \_\_\_\_\_)**, *plus any applicable State and Local Sales Tax*, and furnish same in accordance with the Notice and Instructions to Bidders, Proposal and Specifications attached in full compliance with the agreement.

**ITEM 2.** And the said Materialman agrees to accept the price stated under Item 1 above in full compensation for the performance of this contract.

**ITEM 3.** This contract together with the aforementioned documents constitutes the entire agreement between the Purchaser and the Materialman.

**ITEM 4.** On completion of this contract by the Materialman and acceptance by the Purchaser as being in accordance with all portions of this contract, the Purchaser shall pay the above-named contract price as follows: \_\_\_\_\_

**ITEM 5.** The Materialman shall be responsible for all fees or claims for any patented invention used by him and shall defend any suit or proceeding for infringement of any patent or patents covering materials purchased hereunder which may be brought against the Purchaser and shall hold said Purchaser harmless for use or infringement of any patented thing or method used in connection with any article, equipment, device, or thing furnished or constructed hereunder.

IN WITNESS, WHEREOF, the parties hereto have caused this contract to be signed and sealed, all as of the date and year first written:

Executed in three (3) counterparts.

ATTEST:

\_\_\_\_\_  
(Materialman)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

**AFFIX  
SEAL**

**PIEDMONT MUNICIPAL POWER AGENCY  
GREER, SOUTH CAROLINA**  
\_\_\_\_\_  
(Party of the First Part)

ATTEST:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

**AFFIX  
SEAL**

**BOND**  
**SECTION B**

**BOND**

**KNOW ALL MEN that we, \_\_\_\_\_**  
**\_\_\_\_\_, County of \_\_\_\_\_, State of \_\_\_\_\_, hereinafter called the**  
**Principal, and \_\_\_\_\_**  
**\_\_\_\_\_ hereinafter called the Surety or Sureties, are held,**  
**and firmly bound to the Piedmont Municipal Power Agency of Greer, South Carolina,**  
**hereinafter called the Purchaser, in the sum of \_\_\_\_\_**  
**\_\_\_\_\_ US\$ Dollars (\$ \_\_\_\_\_), plus any applicable State and Local Sales Tax, for payment**  
**whereof the Principal and the Surety or Sureties bind themselves, their heirs, executors,**  
**administrators, successors, and assigns, jointly and severally, firmly by these presents.**

**WHEREAS, the Principal has, by means of a written Agreement, dated the \_\_\_\_ day of**  
**\_\_\_\_\_, 20\_\_ entered into a contract or agreement with the Purchaser for the purchase of steel**  
**poles as listed in the attached Bill of Materials, a copy of which Agreement is hereto attached**  
**and made a part hereof:**

**NOW THEREFORE, the condition of this obligation is such, that if the Principal shall**  
**faithfully perform the said contract on his, its, or their part, and satisfy all claims and demands**  
**incurred for the same and shall fully indemnify and save harmless the Purchaser from all cost**  
**and damage which the Purchaser may suffer by reason of failure to do so, and shall fully**  
**reimburse and repay the Purchaser all outlay and expense which the Purchaser may incur in**  
**making good any such default, and shall pay all persons who have contracts with the Principal,**  
**or any sub-contractor of the said Principal for labor, or material, or both, then this obligation**  
**shall be null and void, otherwise, it shall remain in full force and effect.**

**And said SURETY, for value received, hereby stipulates, and agrees that no change,**  
**extension of time, alteration, or addition to the terms of the contract or to the work to be**  
**performed thereunder or the specifications accompanying the same shall in any wise affect its**  
**obligations on this bond, and it does hereby waive notice of any such change, extension of time,**  
**alteration, or addition to the terms of the contract of to the work or to the specifications.**

IN TESTIMONY WHEREOF witness the hands and seals of the parties hereto on this day of \_\_\_\_\_, 20\_\_\_\_\_.

Executed in three counterparts.

ATTEST:

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Print Name  
\_\_\_\_\_  
Title

\_\_\_\_\_  
(Principal/Materialman)  
\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Print Name  
\_\_\_\_\_  
Title

**AFFIX  
SEAL**

By \_\_\_\_\_  
(Witness as to Surety)

\_\_\_\_\_  
(Surety Company)  
\_\_\_\_\_  
Signature

Countersigned:

\_\_\_\_\_  
(Licensed Resident Agent)

\_\_\_\_\_  
Print Name  
\_\_\_\_\_  
Title

**AFFIX  
SEAL**

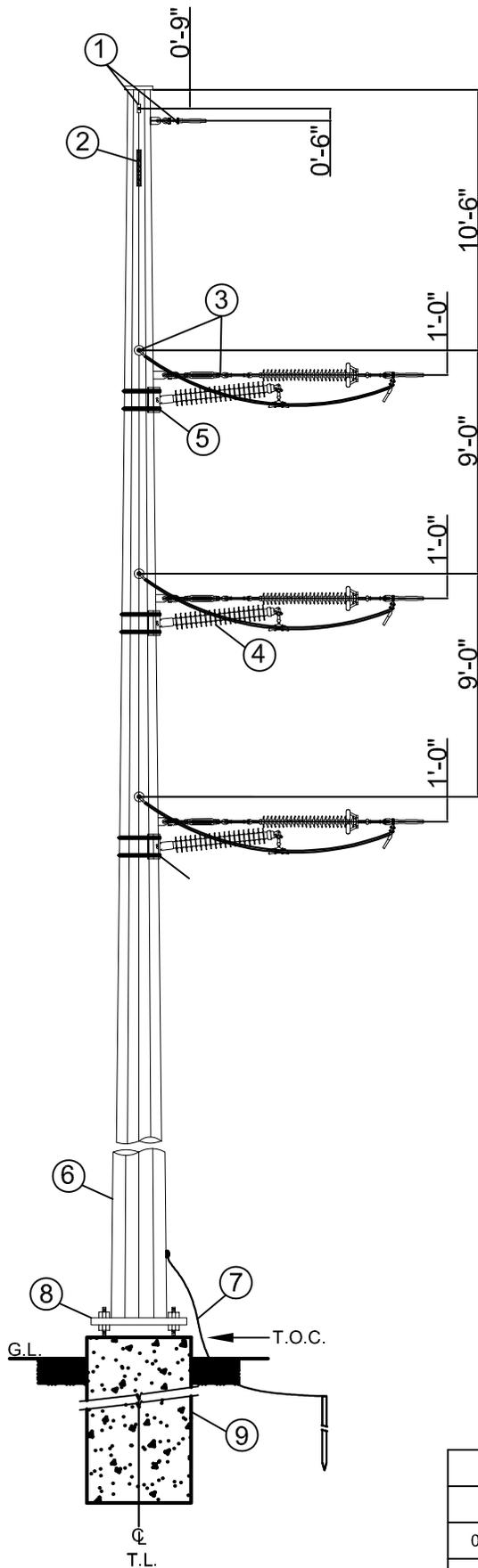
**INSTRUCTIONS**

Bonds must be executed by a Surety Company authorized to conduct business in the State of incorporation of the Owner, acknowledged before a Notary Public, and accompanied by Power of Attorney or other authority satisfactory to the Owner.

**APPENDIX**  
**SECTION A**

**Appendix****Structure Detail Drawings**

	<b><u>Str.</u></b>	<b><u>Drawing No.</u></b>
Structure Detail Drawing.....	T1 .....	S01
Structure Detail Drawing.....	T2 .....	S02
Structure Detail Drawing.....	T3 .....	S03
Structure Detail Drawing.....	T4, T7-T8, T10-T13, T15-T17, T20-T21 .....	S04
Structure Detail Drawing.....	T6 .....	S05
Structure Detail Drawing.....	T9 .....	S06
Structure Detail Drawing.....	T14 .....	S07
Structure Detail Drawing.....	T18 .....	S08
Structure Detail Drawing.....	T19 .....	S09
Structure Detail Drawing.....	T22 .....	S10
Structure Detail Drawing.....	T23 .....	S11
Structure Detail Drawing.....	T24 .....	S12
Structure Detail Drawing.....	T25 .....	S13



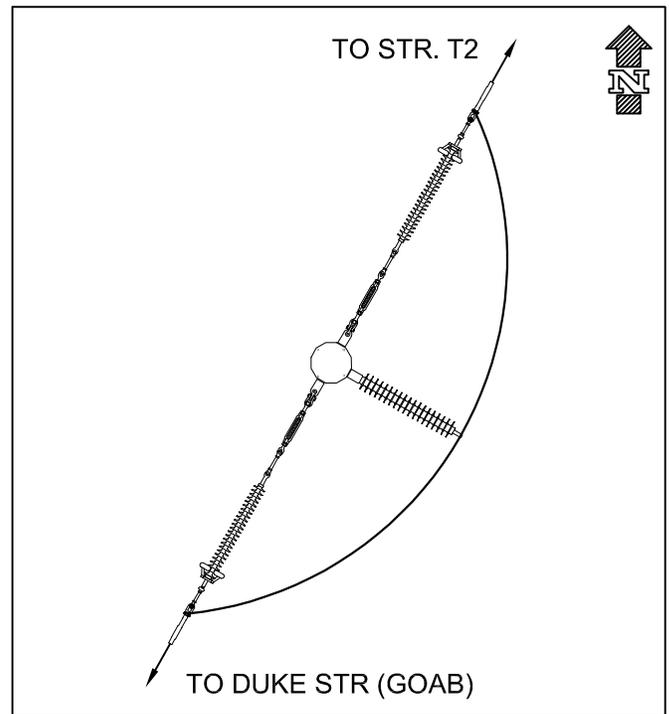
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	2	OHGW DEAD END	SD01
2	1	STRUCTURE SIGN	SD03
3	6	INSULATOR - DEAD END	SD06
4	3	INSULATOR - JUMPER POST	SD05
5	3	SINGLE POST BRACKET	SD05
6	1	STEEL POLE	C01
7	1	GROUNDING ASSEMBLY	SD08
8	1	BASE PLATE	F02
9	1	DRILLED PIER FOUNDATION	F02

#### NOTES:

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES AND POLE SIZE.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



NO.	DATE	REVISION	BY:	CHECK:	APPRV:
0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	

0-5° LINE ANGLE,  
SELF-SUPPORTING,  
DEADEND, JUMPER  
POSTS, SINGLE  
CIRCUIT, POLYMER DE  
W/ TURNBUCKLE



1654 OCHSNER BOULEVARD  
COVINGTON, LA 70433  
985-809-5240

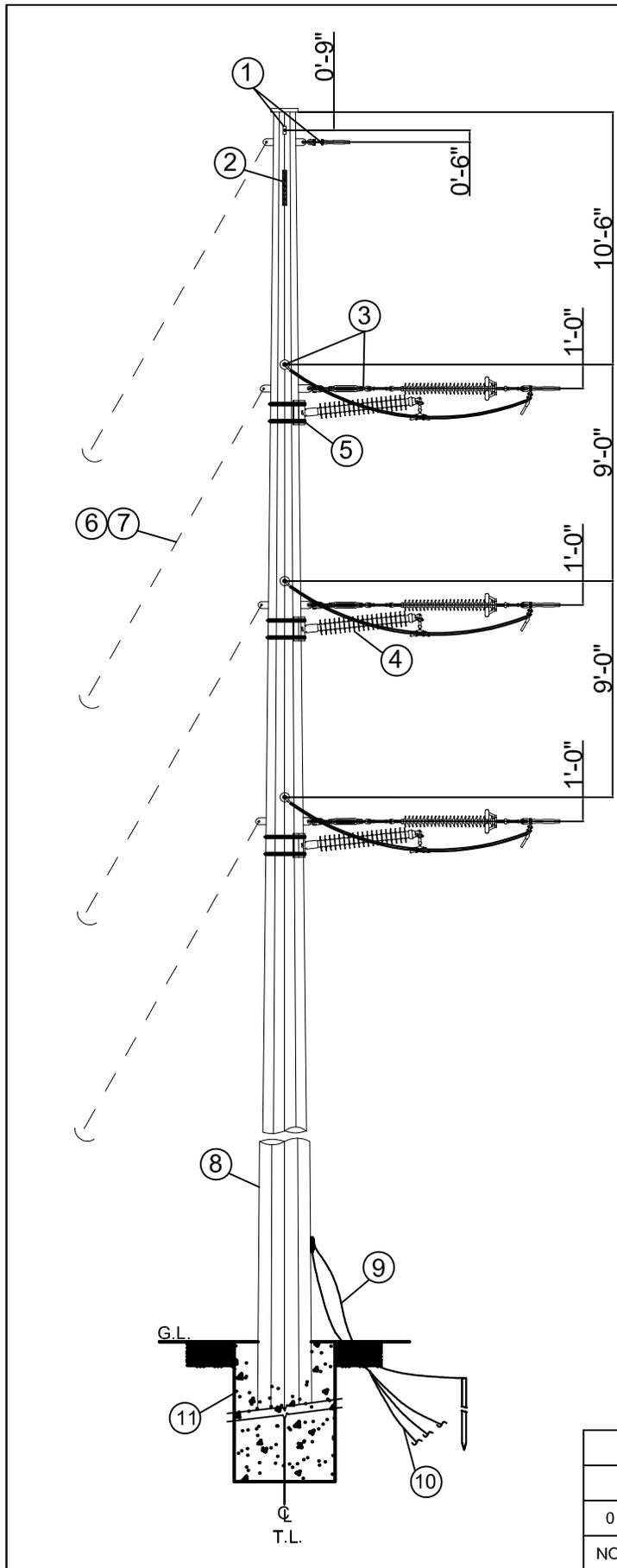
**LAURENS COMMISSION OF PUBLIC WORKS 100 KV  
STR. T1**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S01

SHEET: 01 OF 13

SCALE: NTS



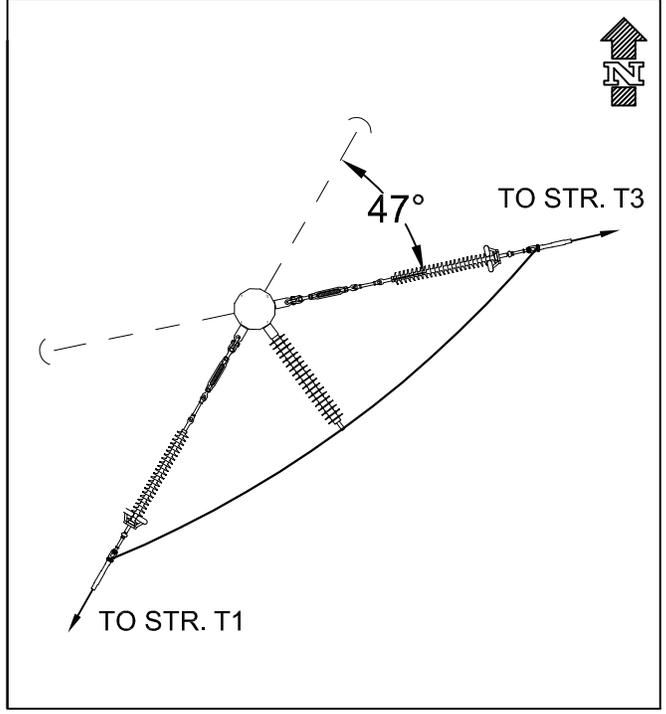
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	2	OHGW DEAD END	SD01
2	1	STRUCTURE SIGN	SD03
3	6	INSULATOR - DEAD END	SD06
4	3	INSULATOR - JUMPER POST	SD05
5	3	SINGLE POST BRACKET	SD05
6	8	DOWN GUY ASSEMBLY	SD07
7	8	GUY ANCHOR ASSEMBLY	SD07
8	1	STEEL POLE	C01
9	1	GROUNDING ASSEMBLY	SD08
10	1	ANODE ASSEMBLY	SD09
11	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES, POLE SIZE, AND GUY LEAD LENGTHS.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

45-70° LINE ANGLE, DEADEND, GUYED, JUMPER POSTS, SINGLE CIRCUIT, POLYMER DE W/ TURNBUCKLE,

**AMPIRICAL**  
 1654 OCHSNER BOULEVARD  
 COVINGTON, LA 70433  
 985-809-5240

**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
 STR. T2**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S02      SHEET: 02 OF 13      SCALE: NTS

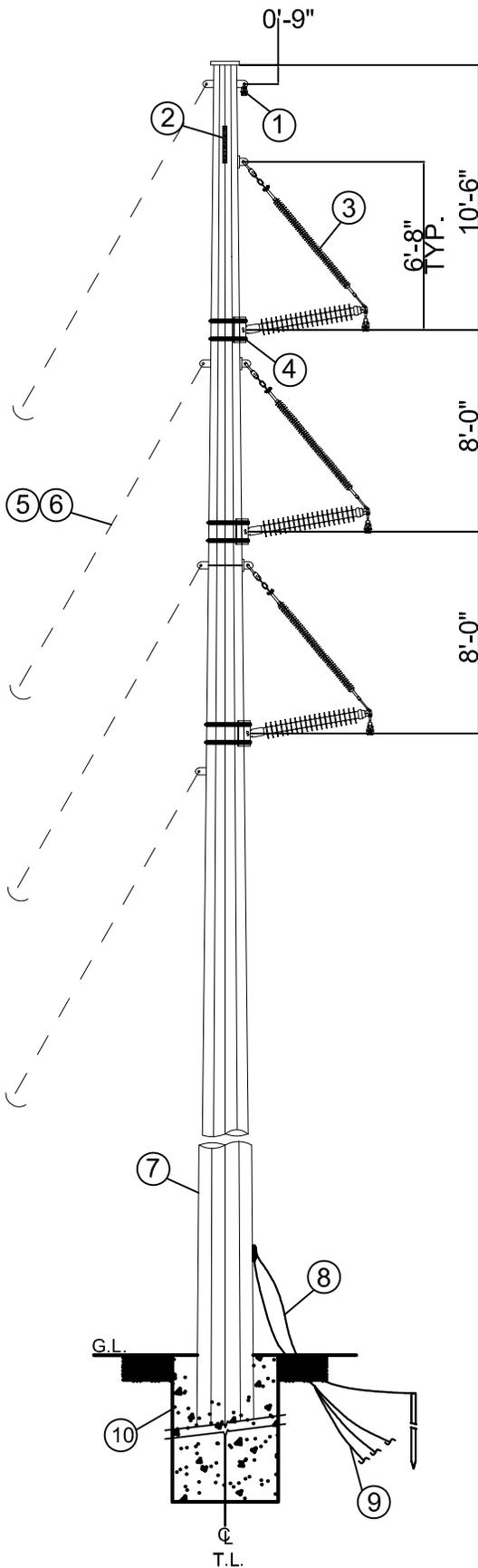
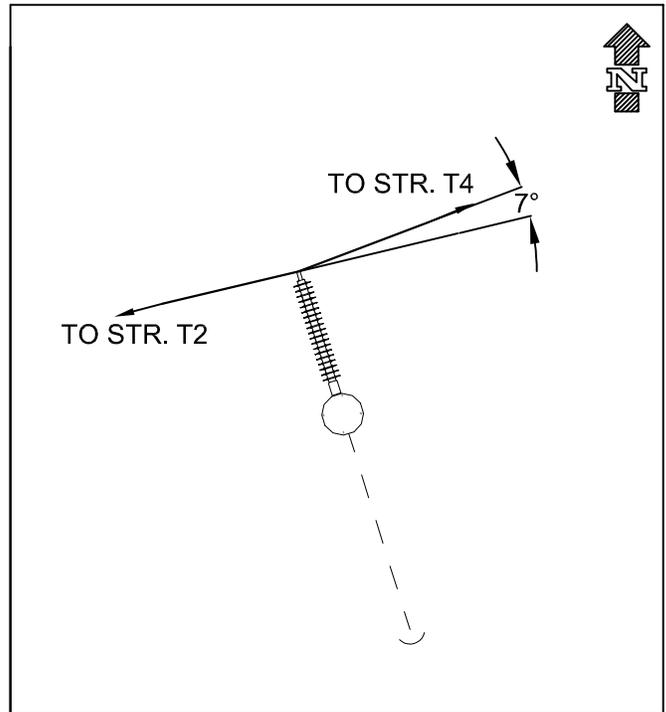
## ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	1	OHWG SUSPENSION	SD01
2	1	STRUCTURE SIGN	SD03
3	3	INSULATOR - BRACED POST	SD05
4	3	SINGLE POST BRACKET	SD05
5	4	DOWN GUY ASSEMBLY	SD07
6	4	GUY ANCHOR ASSEMBLY	SD07
7	1	STEEL POLE	C01
8	1	GROUNDING ASSEMBLY	SD08
9	1	ANODE ASSEMBLY	SD09
10	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES, POLE SIZE, AND GUY LEAD LENGTHS.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

6-20° LINE ANGLE,  
VERTICAL, GUYED,  
SINGLE CIRCUIT,  
2-1/2" BRACED POST  
INSULATORS

**AMPIRICAL**  
 1654 OCHSNER BOULEVARD  
 COVINGTON, LA 70433  
 985-809-5240

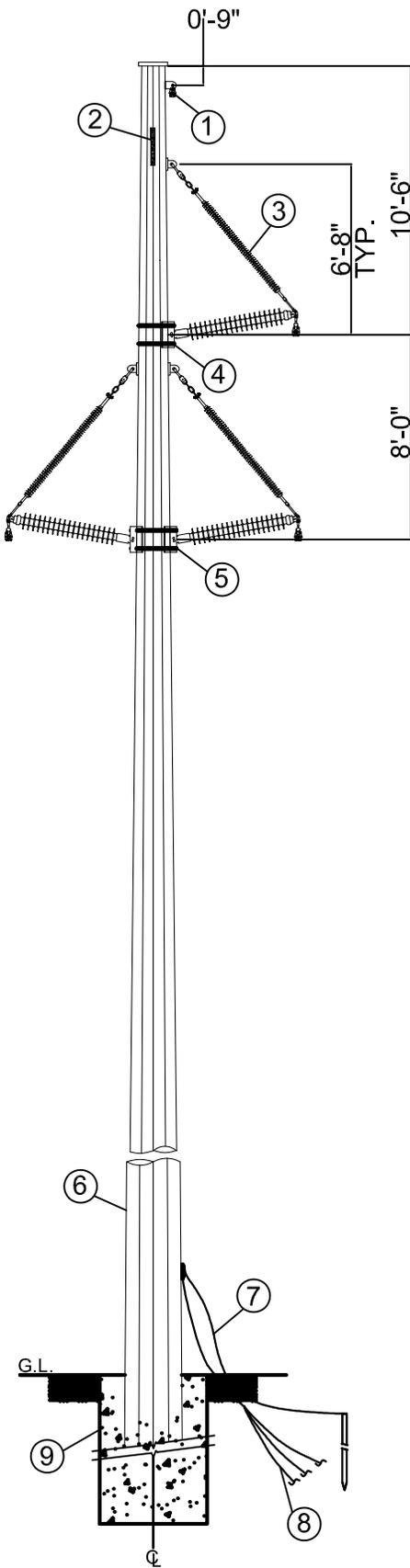
**LAURENS COMMISSION OF PUBLIC WORKS 100 KV  
STR. T3**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S03

SHEET: 03 OF 13

SCALE: NTS



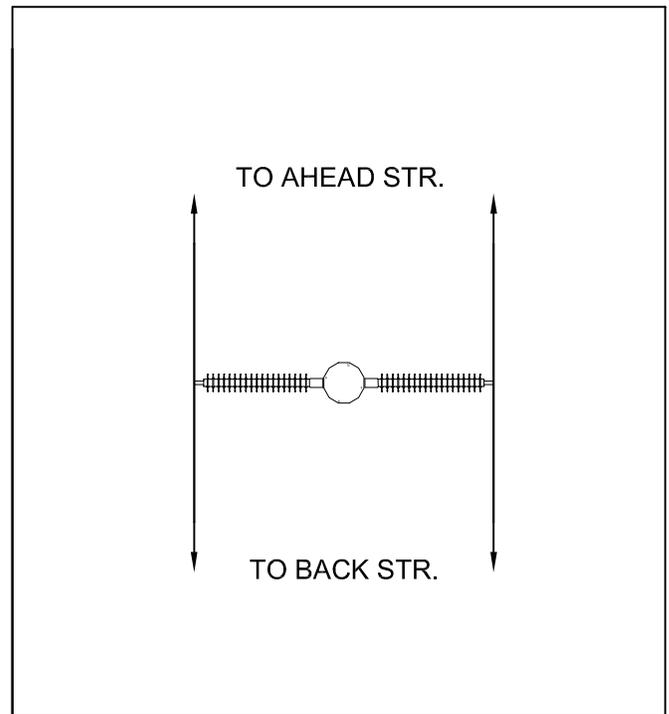
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	1	OHWG SUSPENSION	SD01
2	1	STRUCTURE SIGN	SD03
3	3	INSULATOR - BRACED POST	SD05
4	1	SINGLE POST BRACKET	SD05
5	1	DOUBLE POST BRACKET	SD05
6	1	STEEL POLE	C01
7	1	GROUNDING ASSEMBLY	SD08
8	1	ANODE ASSEMBLY	SD09
8	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES AND POLE SIZE.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

0-1.5° LINE ANGLE,  
DELTA, SINGLE  
CIRCUIT, 2-1/2"  
BRACED POST  
INSULATORS



**LAURENS COMMISSION OF PUBLIC WORKS 100 kV**  
STR. T4, T7-T8, T10-T13, T15-T17, T20-T21

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S04

SHEET: 04 OF 13

SCALE: NTS

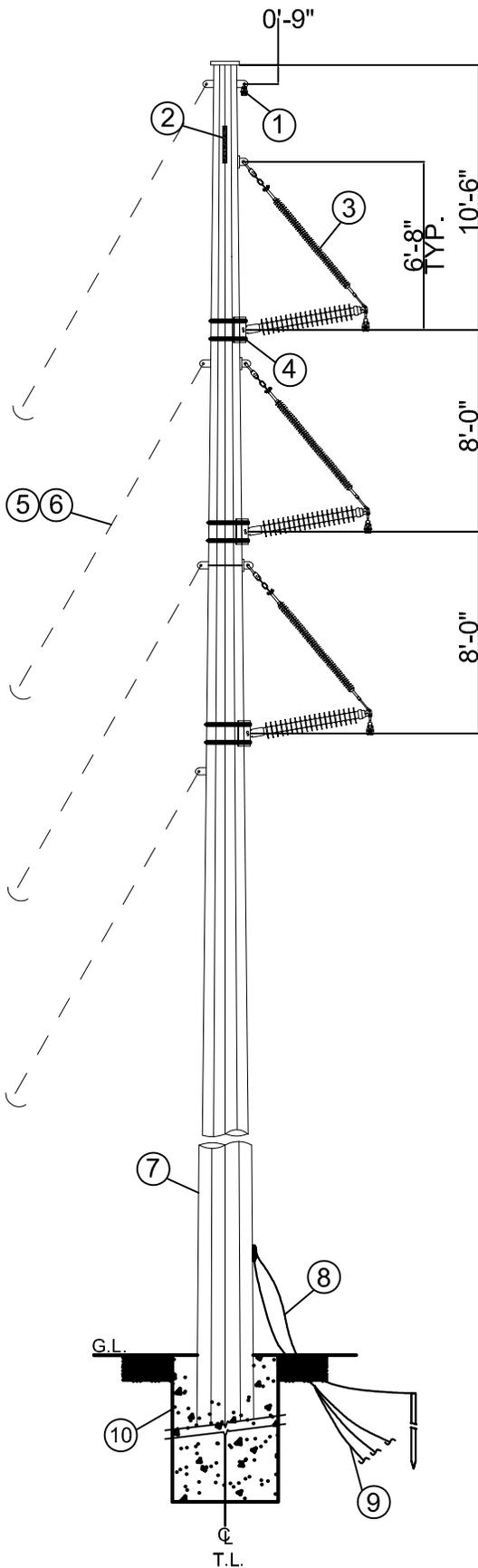
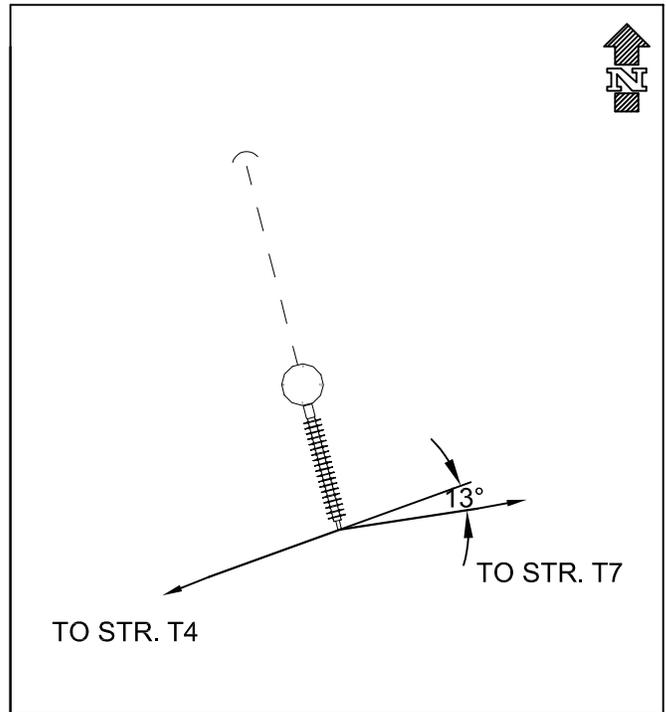
## ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	1	OHWG SUSPENSION	SD01
2	1	STRUCTURE SIGN	SD03
3	3	INSULATOR - BRACED POST	SD05
4	3	SINGLE POST BRACKET	SD05
5	4	DOWN GUY ASSEMBLY	SD07
6	4	GUY ANCHOR ASSEMBLY	SD07
7	1	STEEL POLE	C01
8	1	GROUNDING ASSEMBLY	SD08
9	1	ANODE ASSEMBLY	SD09
10	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES, POLE SIZE, AND GUY LEAD LENGTHS.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

6-20° LINE ANGLE,  
VERTICAL, GUYED,  
SINGLE CIRCUIT,  
2-1/2" BRACED POST  
INSULATORS

**AMPIRICAL**  
 1654 OCHSNER BOULEVARD  
 COVINGTON, LA 70433  
 985-809-5240

**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
STR. T6**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S05

SHEET: 05 OF 13

SCALE: NTS

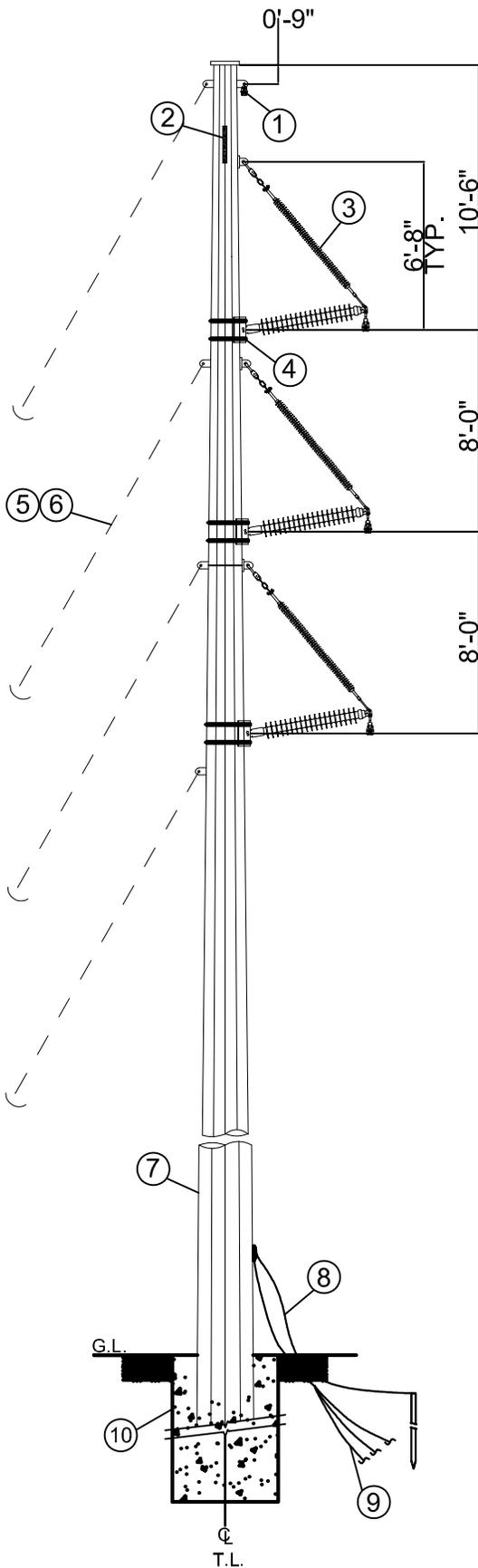
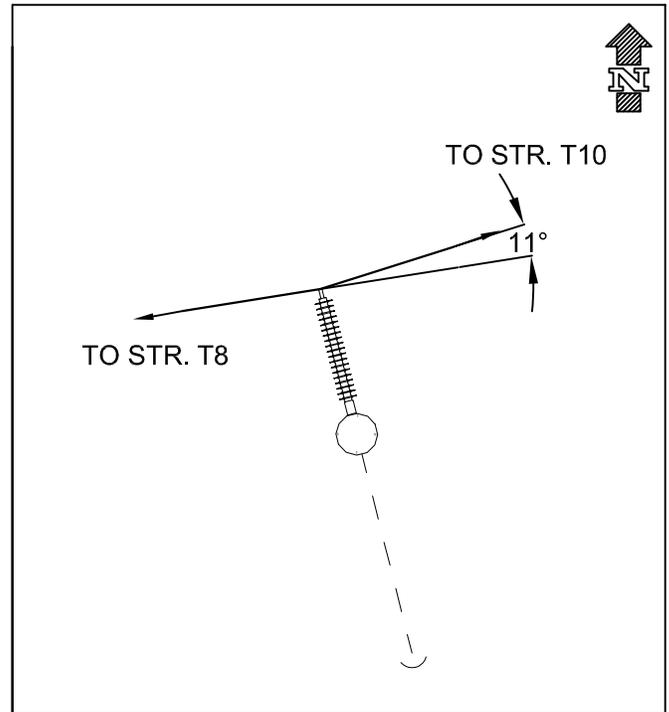
## ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	1	OHWG SUSPENSION	SD01
2	1	STRUCTURE SIGN	SD03
3	3	INSULATOR - BRACED POST	SD05
4	3	SINGLE POST BRACKET	SD05
5	4	DOWN GUY ASSEMBLY	SD07
6	4	GUY ANCHOR ASSEMBLY	SD07
7	1	STEEL POLE	C01
8	1	GROUNDING ASSEMBLY	SD08
9	1	ANODE ASSEMBLY	SD09
10	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES, POLE SIZE, AND GUY LEAD LENGTHS.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

6-20° LINE ANGLE,  
VERTICAL, GUYED,  
SINGLE CIRCUIT,  
2-1/2" BRACED POST  
INSULATORS

**AMPIRICAL**  
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 COVINGTON, LA 70433  
 985-809-5240

**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
STR. T9**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S06

SHEET: 06 OF 13

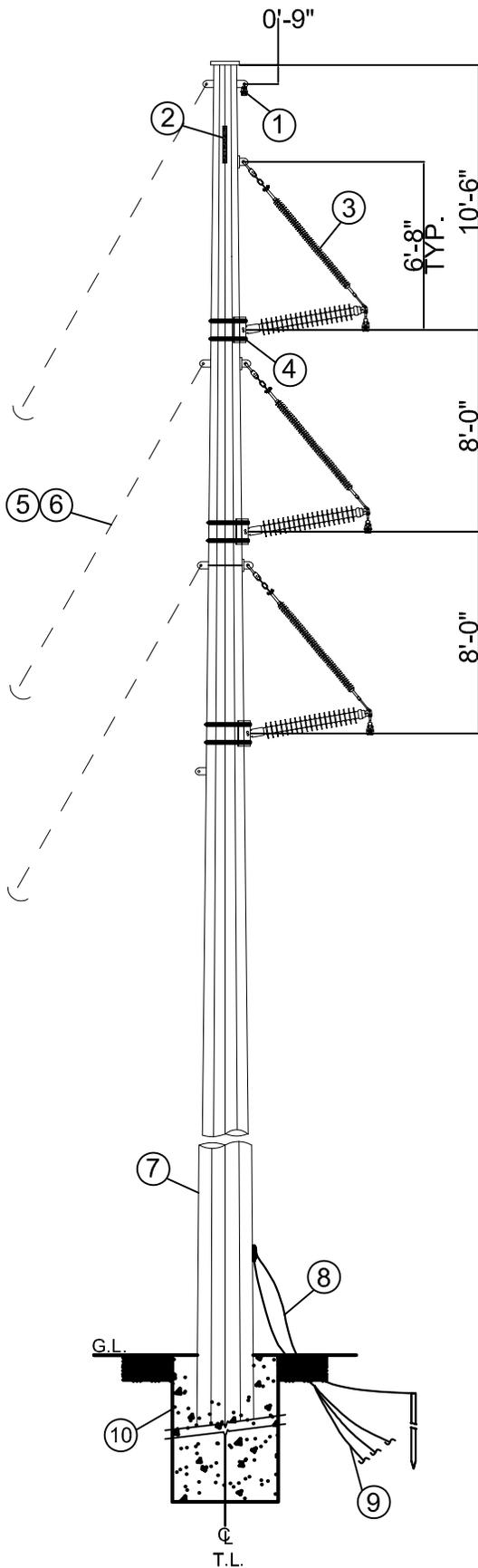
SCALE: NTS

## ASSEMBLY LIST

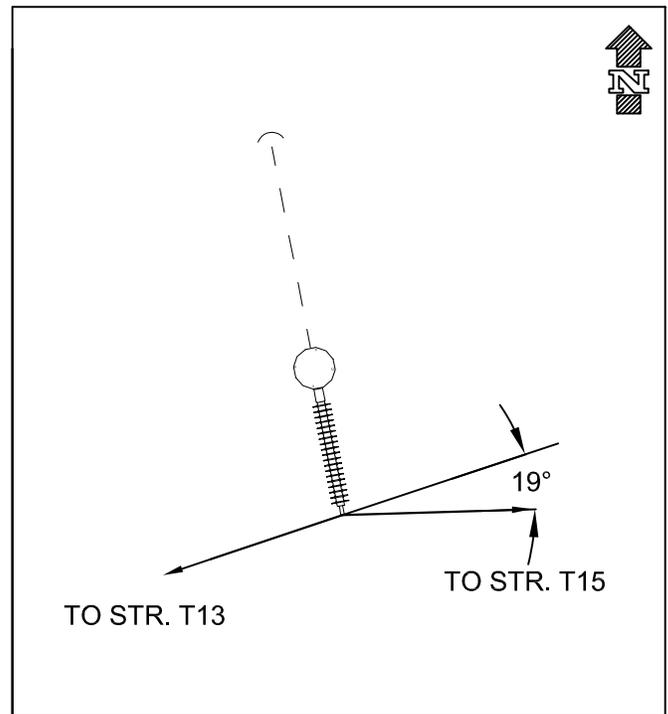
ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	1	OHWG SUSPENSION	SD01
2	1	STRUCTURE SIGN	SD03
3	3	INSULATOR - BRACED POST	SD05
4	3	SINGLE POST BRACKET	SD05
5	4	DOWN GUY ASSEMBLY	SD07
6	4	GUY ANCHOR ASSEMBLY	SD07
7	1	STEEL POLE	C01
8	1	GROUNDING ASSEMBLY	SD08
9	1	ANODE ASSEMBLY	SD09
10	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

- ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
- SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES, POLE SIZE, AND GUY LEAD LENGTHS.
- CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.



### PLAN VIEW



0	1/28/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
STR. T14**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S07

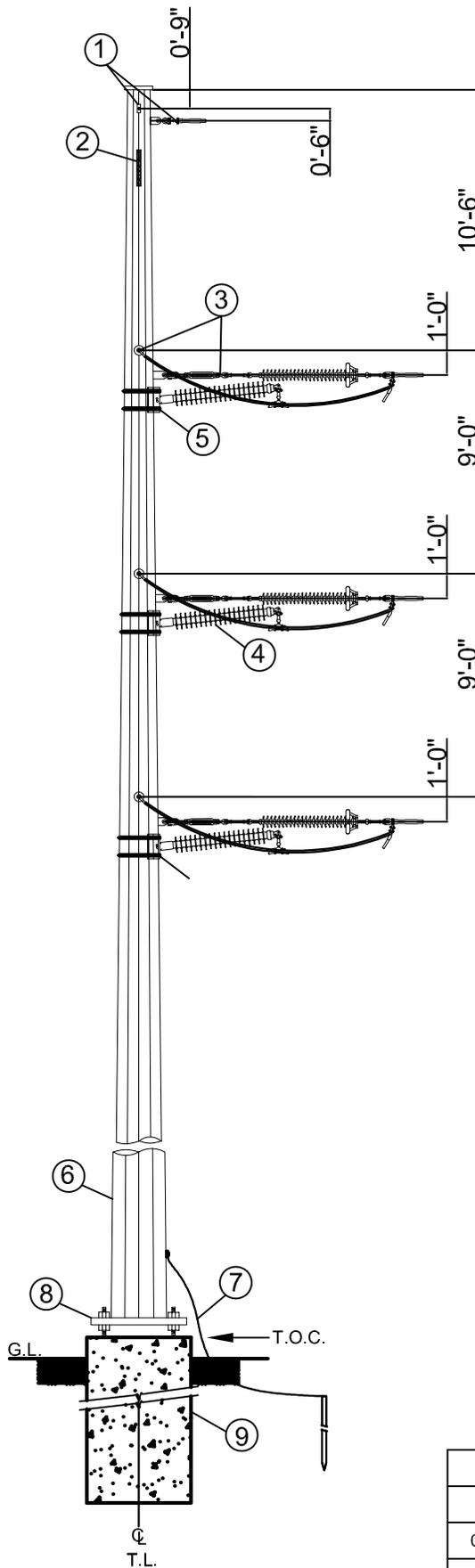
SHEET: 07 OF 13

SCALE: NTS

6-20° LINE ANGLE,  
VERTICAL, GUYED,  
SINGLE CIRCUIT,  
2-1/2" BRACED POST  
INSULATORS



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985-809-5240



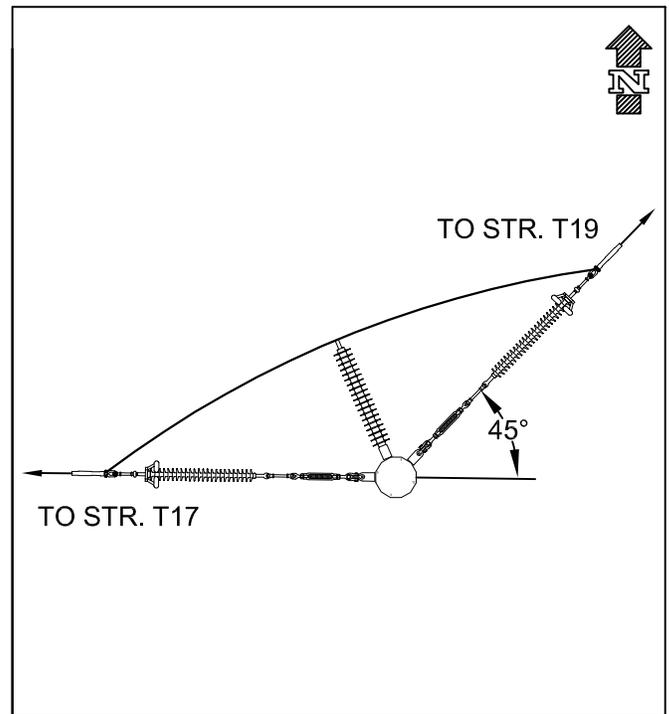
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	2	OHGW DEAD END	SD01
2	1	STRUCTURE SIGN	SD03
3	6	INSULATOR - DEAD END	SD06
4	3	INSULATOR - JUMPER POST	SD05
5	3	SINGLE POST BRACKET	SD05
6	1	STEEL POLE	C01
7	1	GROUNDING ASSEMBLY	SD08
8	1	BASE PLATE	F02
9	1	DRILLED PIER FOUNDATION	F02

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES AND POLE SIZE.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

45-70° LINE ANGLE,  
 SELF-SUPPORTING,  
 DEADEND, JUMPER  
 POSTS, SINGLE  
 CIRCUIT, POLYMER DE  
 W/ TURNBUCKLE



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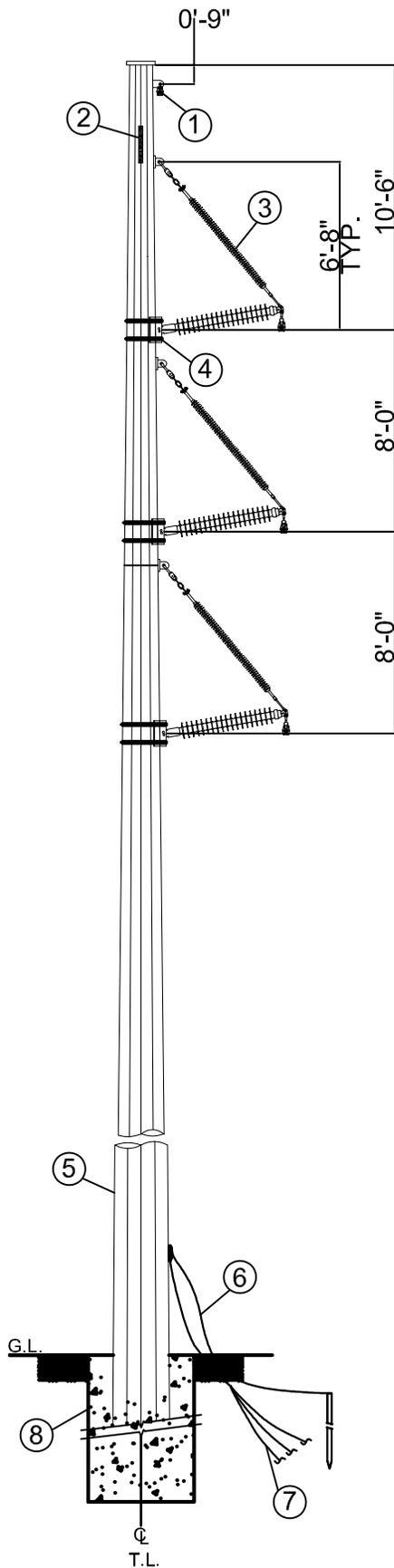
**LAURENS COMMISSION OF PUBLIC WORKS 100 KV  
 STR. T18**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S08

SHEET: 08 OF 13

SCALE: NTS



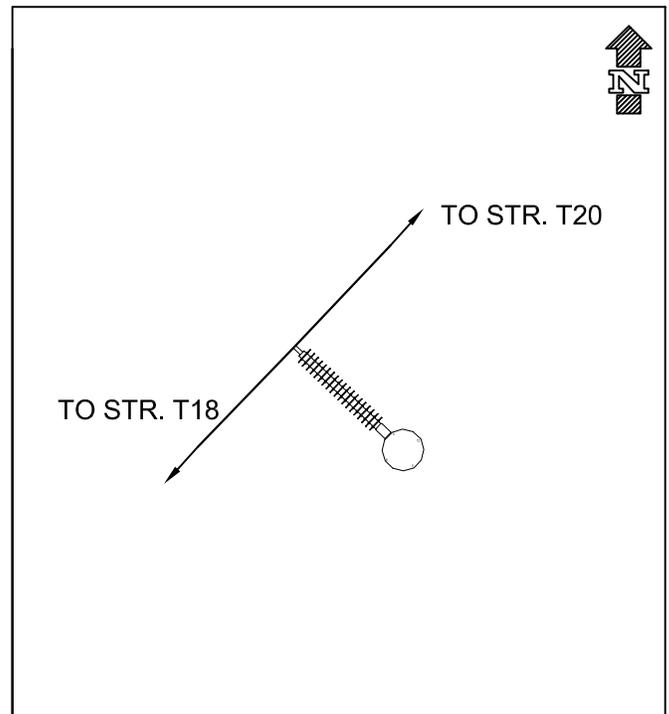
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	1	OHGW SUSPENSION	SD01
2	1	STRUCTURE SIGN	SD03
3	3	INSULATOR - BRACED POST	SD05
4	3	SINGLE POST BRACKET	SD05
5	1	STEEL POLE	C01
6	1	GROUNDING ASSEMBLY	SD08
7	1	ANODE ASSEMBLY	SD09
8	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

- ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
- SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES AND POLE SIZE.
- CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

1.5-6° LINE ANGLE,  
VERTICAL, SINGLE  
CIRCUIT, 2-1/2"  
BRACED POST  
INSULATORS



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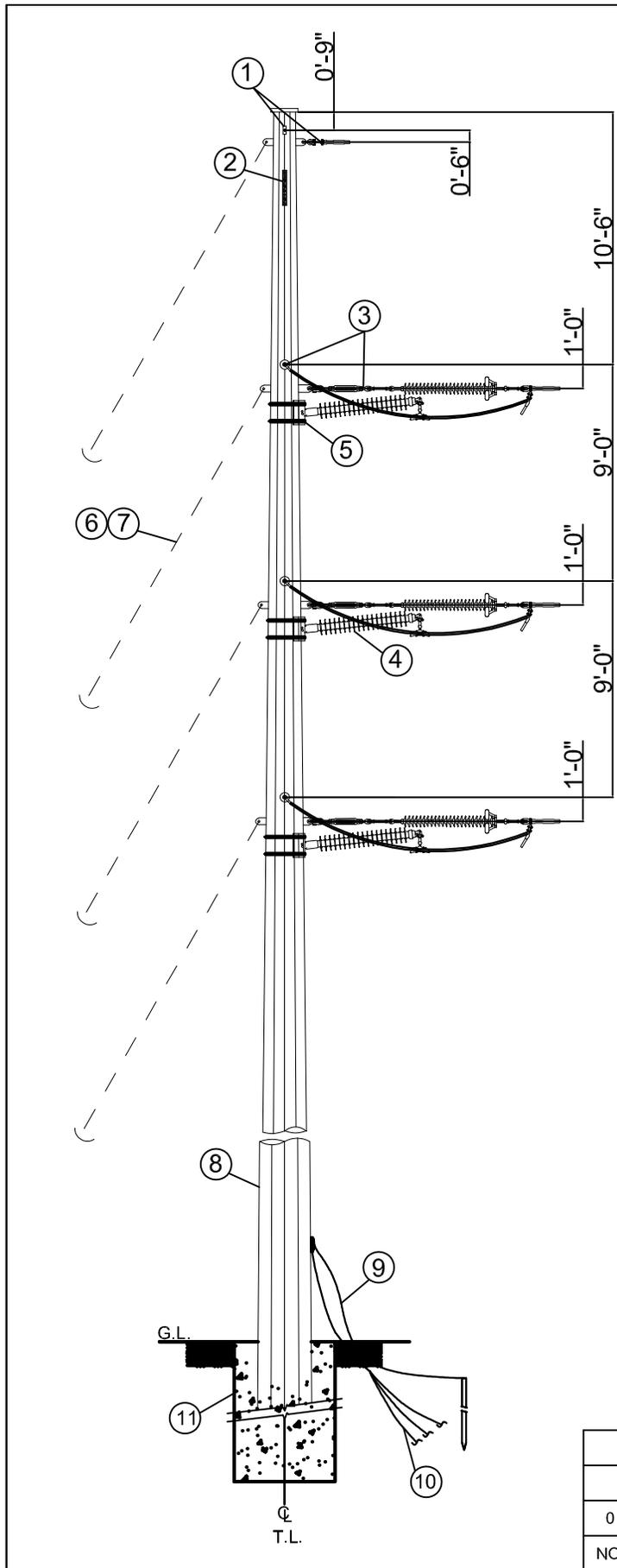
**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
STR. T19**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S09

SHEET: 09 OF 13

SCALE: NTS



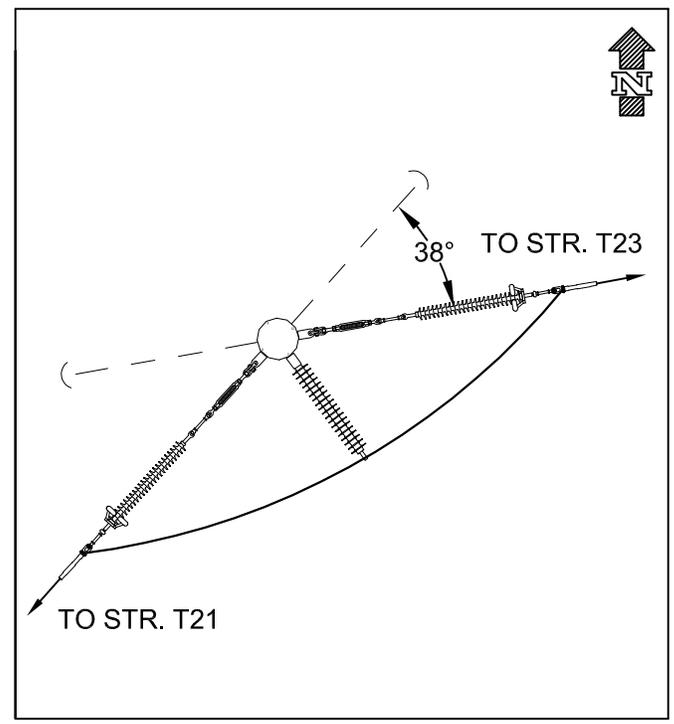
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	2	OHGW DEAD END	SD01
2	1	STRUCTURE SIGN	SD03
3	6	INSULATOR - DEAD END	SD06
4	3	INSULATOR - JUMPER POST	SD05
5	3	SINGLE POST BRACKET	SD05
6	8	DOWN GUY ASSEMBLY	SD07
7	8	GUY ANCHOR ASSEMBLY	SD07
8	1	STEEL POLE	C01
9	1	GROUNDING ASSEMBLY	SD08
10	1	ANODE ASSEMBLY	SD09
11	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES, POLE SIZE, AND GUY LEAD LENGTHS.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

25-45° LINE ANGLE, DEADEND, GUYED, JUMPER POSTS, SINGLE CIRCUIT, POLYMER DE W/ TURNBUCKLE

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985-809-5240

**LAURENS COMMISSION OF PUBLIC WORKS 100 kV**  
STR. T22

DRAWING TITLE: STRUCTURE DETAIL DRAWING

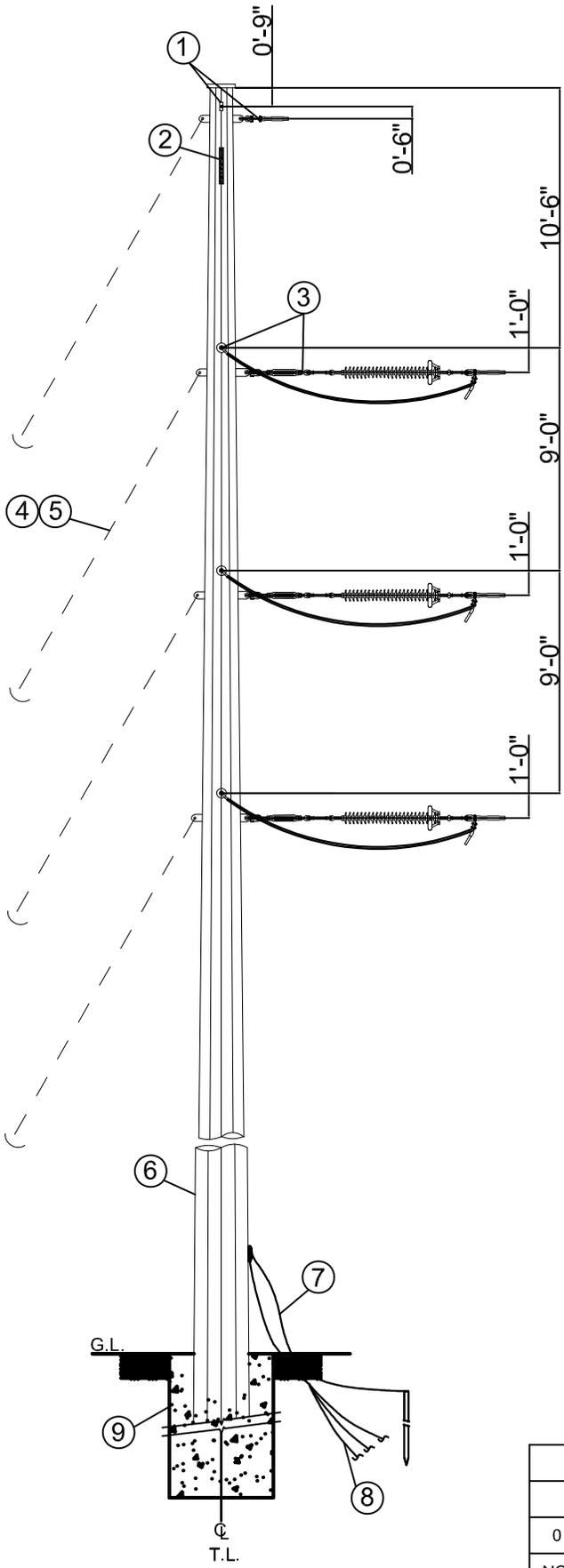
DRAWING NO: S10      SHEET: 10 OF 13      SCALE: NTS

### ASSEMBLY LIST

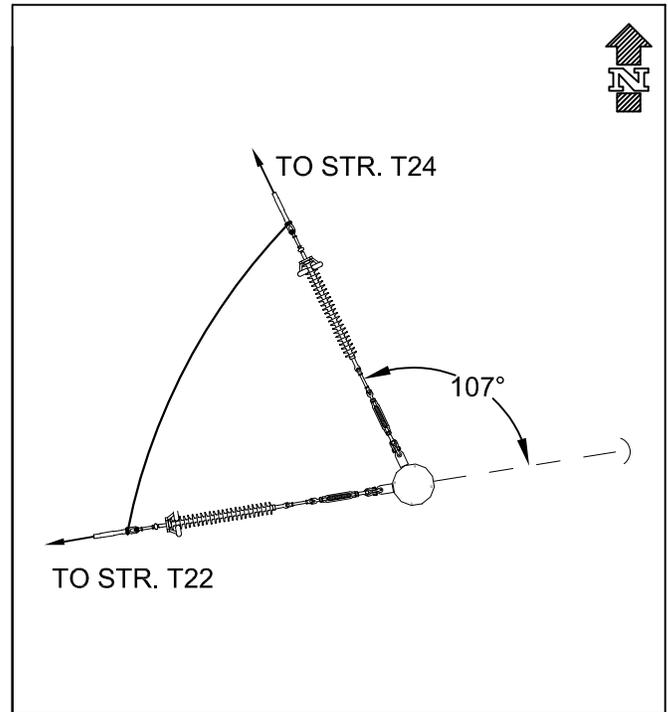
ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	2	OHGW DEAD END	SD01
2	1	STRUCTURE SIGN	SD03
3	6	INSULATOR - DEAD END	SD06
4	4	DOWN GUY ASSEMBLY	SD07
5	4	GUY ANCHOR ASSEMBLY	SD07
6	1	STEEL POLE	C01
7	1	GROUNDING ASSEMBLY	LC-SDXX
8	1	ANODE ASSEMBLY	SD09
9	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES, POLE SIZE, AND GUY LEAD LENGTHS.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.



### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

70-120° LINE ANGLE,  
DEADEND, GUYED, NO  
JUMPER POSTS,  
SINGLE CIRCUIT,  
POLYMER DE W/  
TURNBUCKLE



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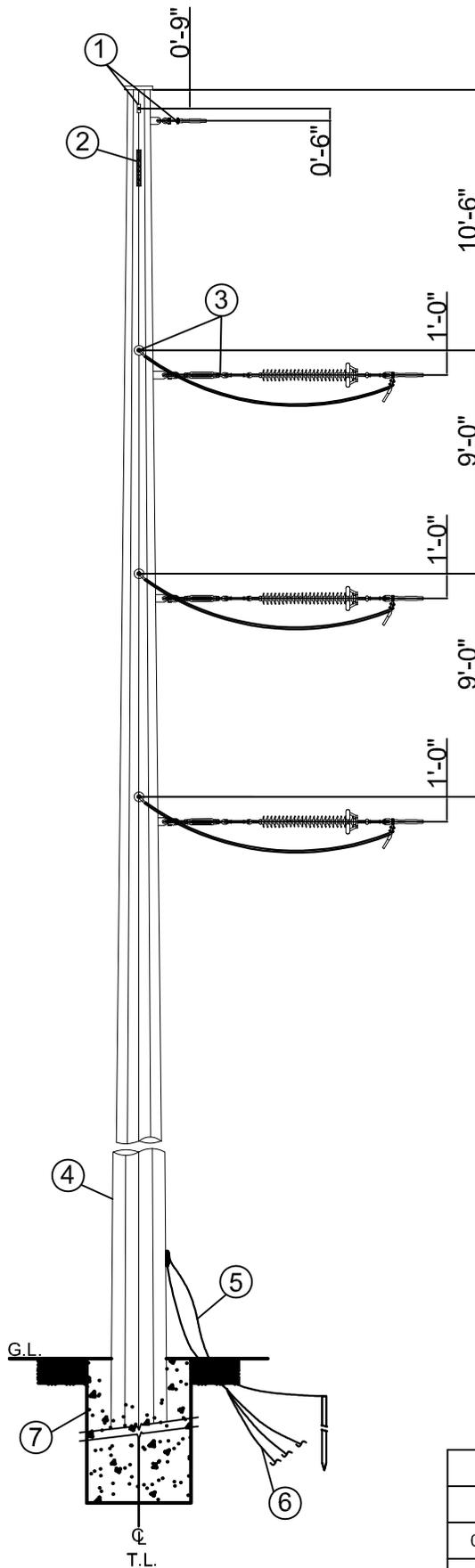
**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
STR. T23**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S11

SHEET: 11 OF 13

SCALE: NTS



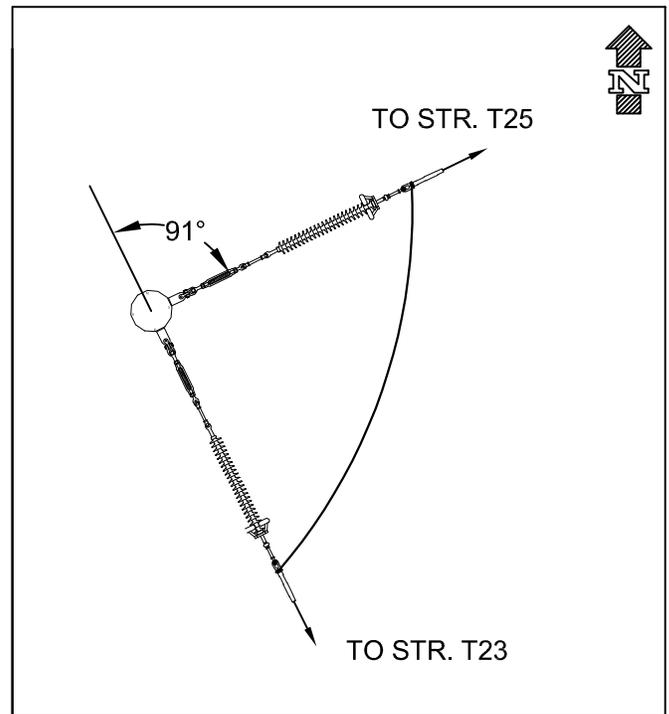
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	2	OHGW DEAD END	SD01
2	1	STRUCTURE SIGN	SD03
3	6	INSULATOR - DEAD END	SD06
4	1	STEEL POLE	C01
5	1	GROUNDING ASSEMBLY	SD08
6	1	ANODE ASSEMBLY	SD09
7	1	DIRECT EMBED FOUNDATION	F01

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES AND POLE SIZE.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

70-120° LINE ANGLE,  
 SELF-SUPPORTING,  
 DEADEND, NO JUMPER  
 POSTS, SINGLE  
 CIRCUIT, POLYMER DE  
 W/ TURNBUCKLE



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 COVINGTON, LA 70433  
 985-809-5240

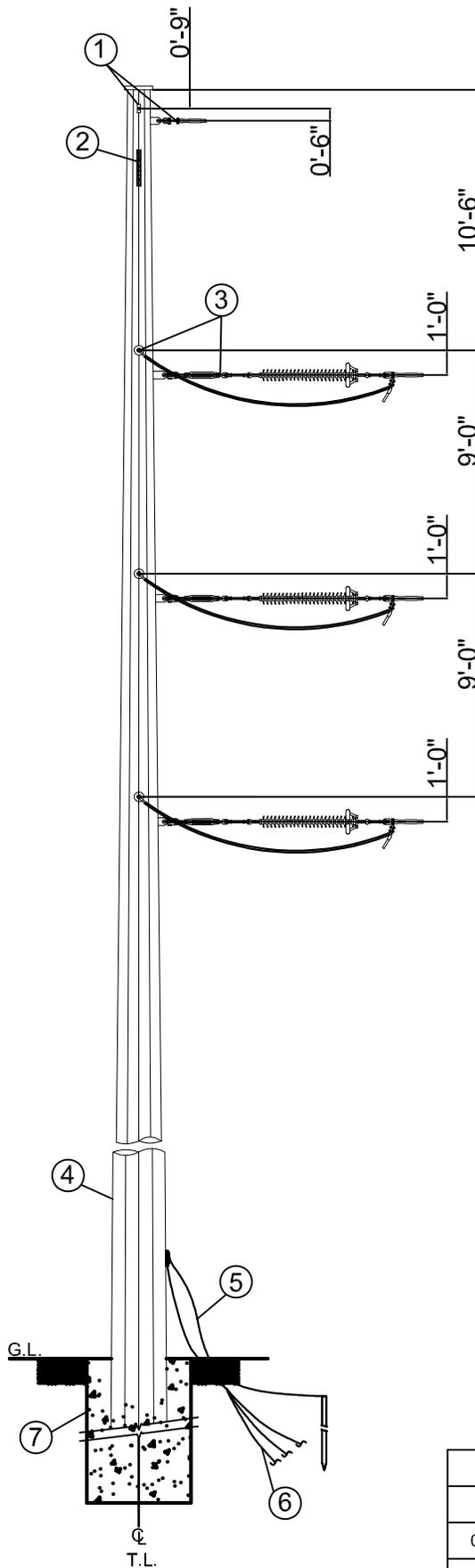
**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
 STR. T24**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S12

SHEET: 12 OF 13

SCALE: NTS



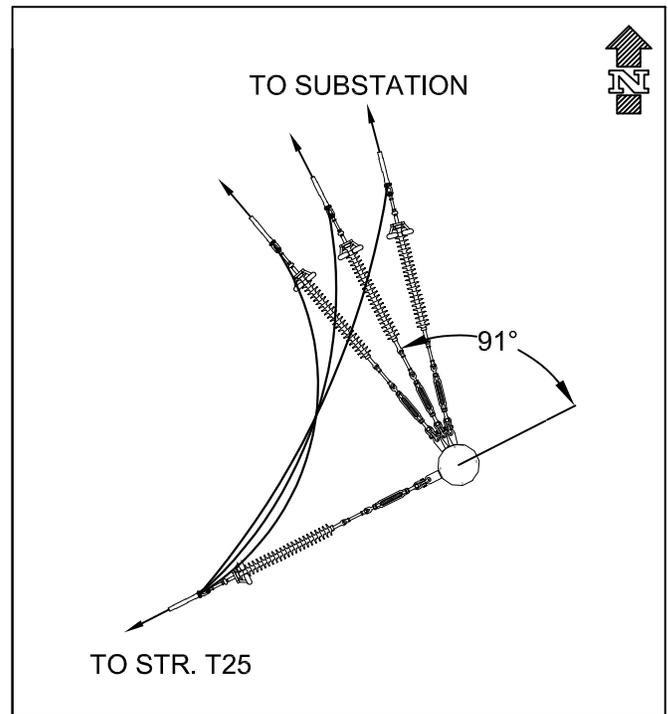
### ASSEMBLY LIST

ITEM	QTY.	DESCRIPTION	REFERENCE DWG.
1	1	OHGW DEAD END (1 TO 2)	SD02
2	1	STRUCTURE SIGN	SD03
3	6	INSULATOR - DEAD END	SD06
4	1	STEEL POLE	C01
5	1	SUBSTATION GROUNDING ASSEMBLY	SD08
6	1	ANODE ASSEMBLY	SD09
7	1	DIRECT EMBED FOUNDATION	F02

**NOTES:**

1. ALL DIMENSIONS ARE FROM TOP OF POLE TO CENTER OF ATTACHMENT.
2. SEE CONSTRUCTION STAKING SHEET FOR LINE ANGLES AND POLE SIZE.
3. CONDUCTOR ATTACHMENT VANGS SHALL BE PLACED WITHIN 5 DEGREES OF AHEAD AND BACK SPAN LOCATIONS.

### PLAN VIEW



0	1/12/2026	ISSUED FOR REVIEW (60%)	HTG/AMP	DJR/AMP	
NO.	DATE	REVISION	BY:	CHECK:	APPRV:

70-120° LINE ANGLE,  
 SELF-SUPPORTING,  
 DEADEND, NO JUMPER  
 POSTS, SINGLE  
 CIRCUIT, POLYMER DE  
 W/ TURNBUCKLE



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**LAURENS COMMISSION OF PUBLIC WORKS 100 kV  
 STR. T25**

DRAWING TITLE: STRUCTURE DETAIL DRAWING

DRAWING NO: S13

SHEET: 13 OF 13

SCALE: NTS