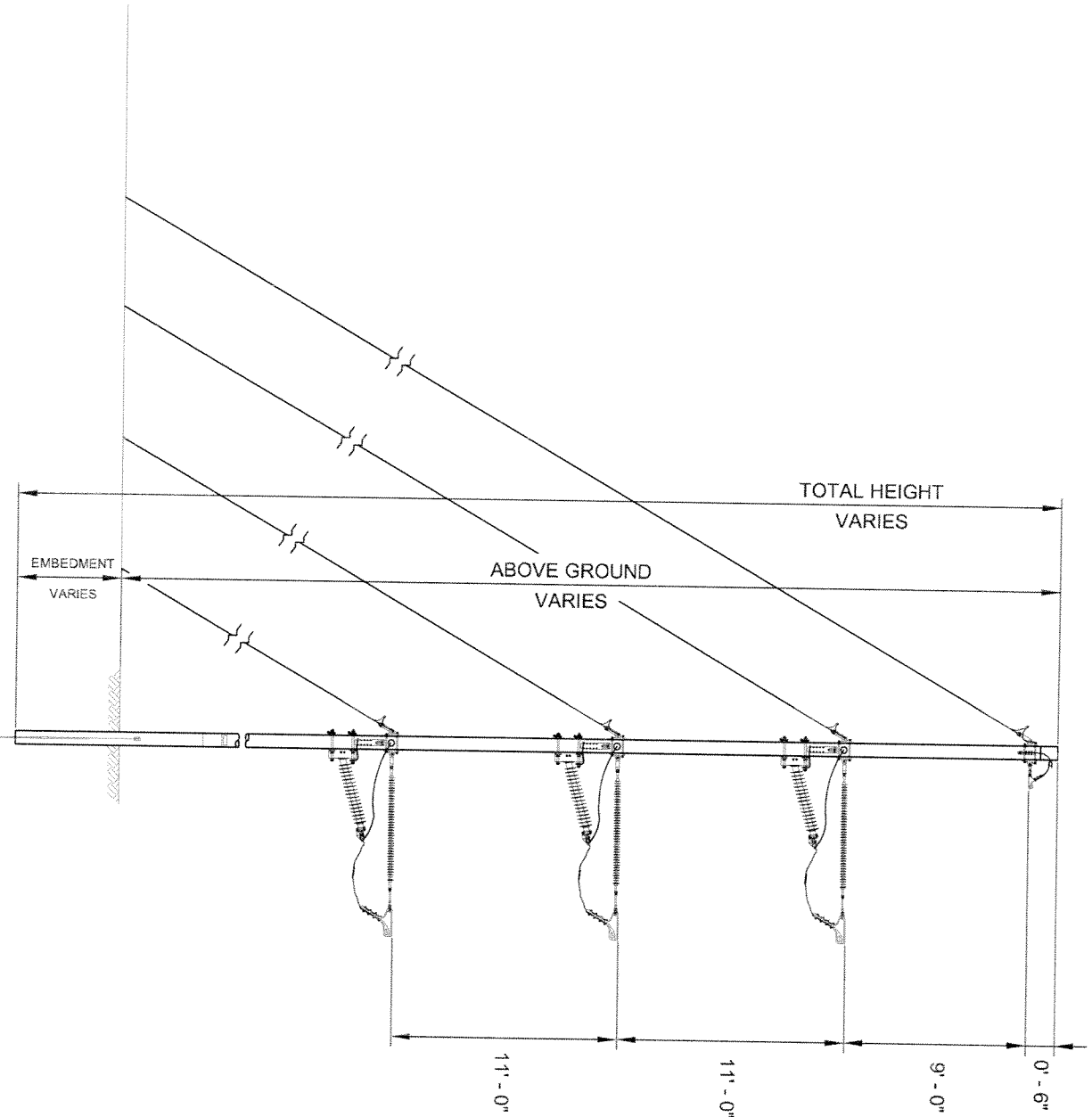


# TYPICAL STRUCTURE TYPES

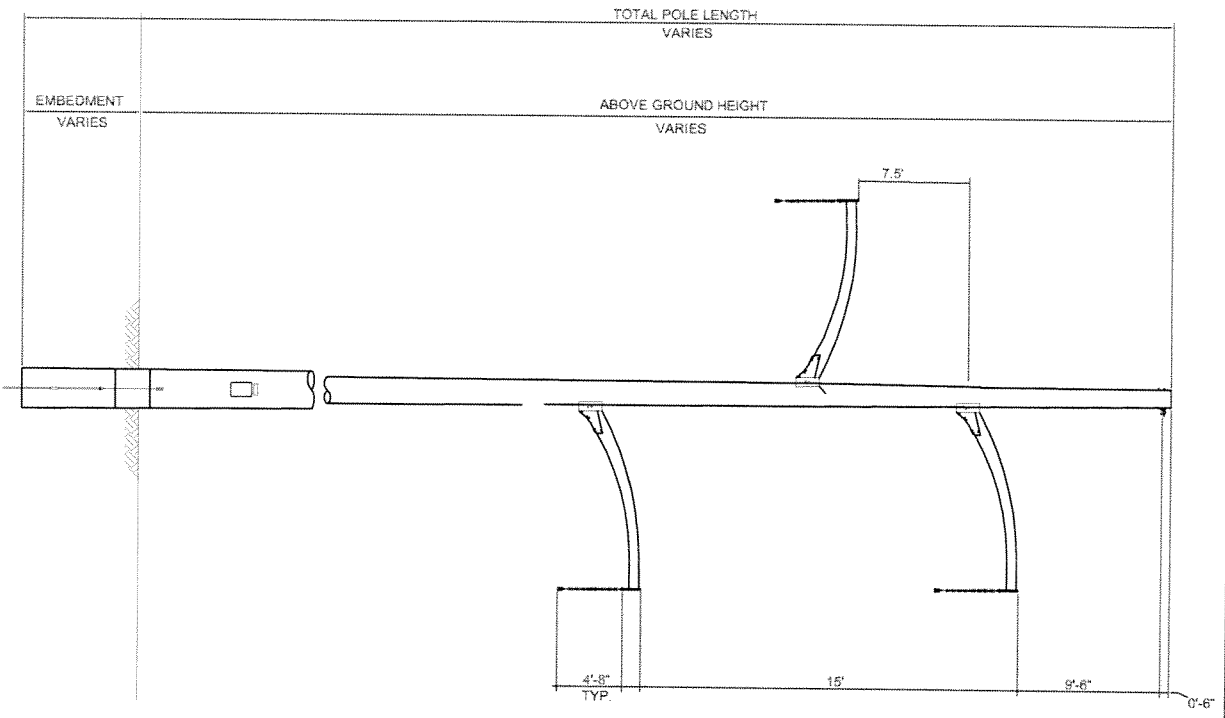


**NOTES:**

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 30° - 60°

PRELIMINARY 7-12-06

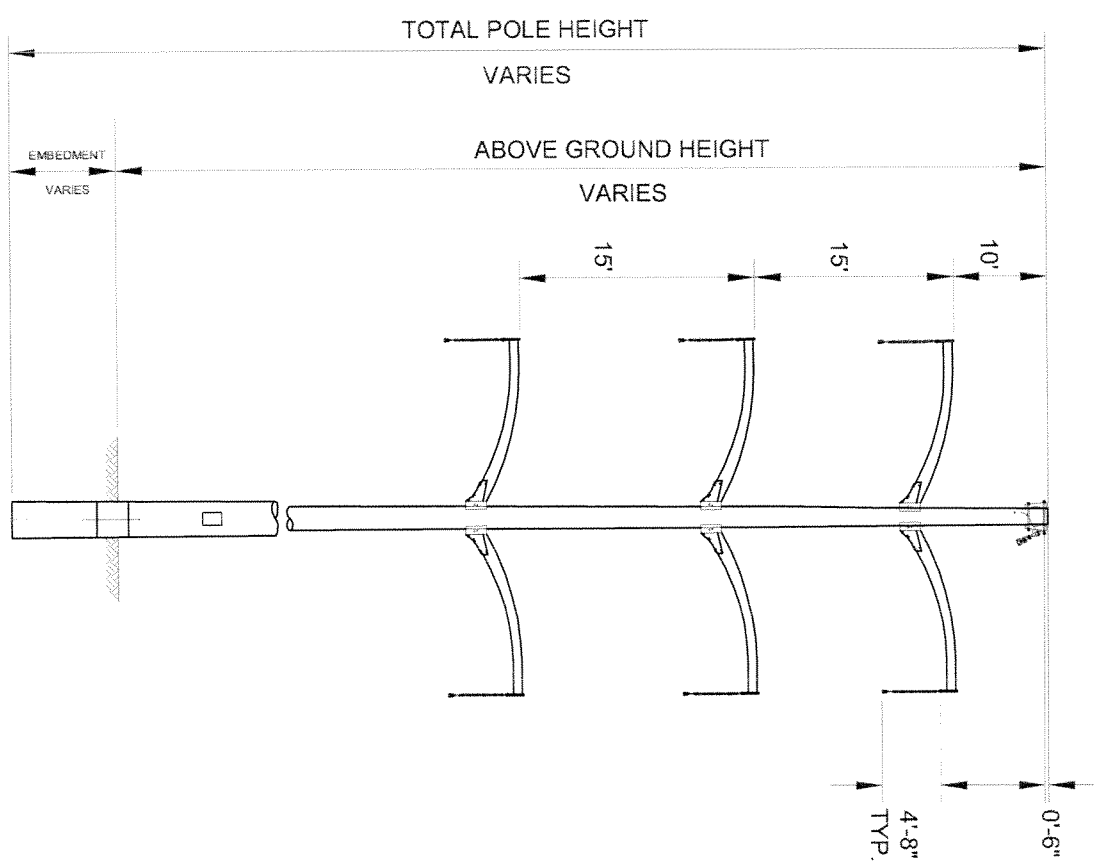
<b>POWER ENGINEERS</b>		<b>VERLICO</b>	
DATE: 7/19/06	DESIGNED BY: CRY (PJS)	PROJECT: 115AW SINGLE CHANNEL DE WITH SLABWES	APPROVED BY:
PROJECT NO: 246 (PJS)	DRAWING NO: 115AW-S-01	SCALE: 1"=10'	DATE: 7/19/06
DRAWING NUMBER: 115AW-S-01		SHEET 1 OF 1	



- NOTES:
1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
  2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
  3. ANGLE RANGE: 0°-1°

PRELIMINARY 7-12-06

DATE: 7/12/06	PROJECT: CTR (E)3	NO. 101	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.
DATE: 06/19/06	DATE: 06/19/06	NO. 102	DESCRIPTION: RUTLAND, VERMONT
PROJECT: VERMONT ELECTRIC POWER CO., INC. STRUCTURE: OVERHEAD - STICK TYPICAL: DOUBLE CONDUIT TOWER/POLE		NO. 103	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 104	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 105	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 106	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 107	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 108	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 109	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 110	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 111	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 112	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 113	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 114	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 115	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 116	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 117	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 118	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 119	DESCRIPTION: RUTLAND, VERMONT
DATE: 7/12/06 DRAWN BY: [blank] CHECKED BY: [blank]		NO. 120	DESCRIPTION: RUTLAND, VERMONT

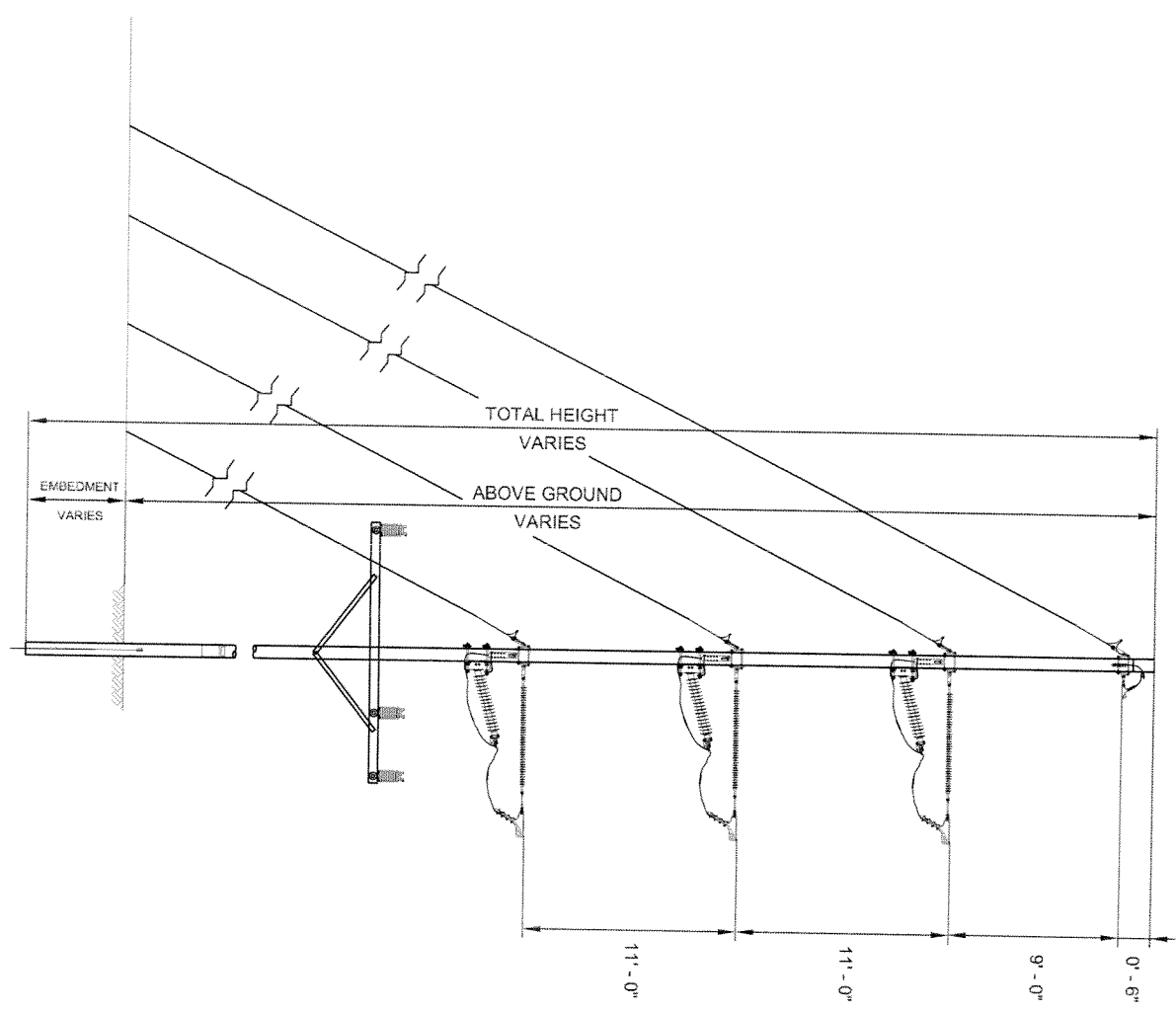


- NOTES:
1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
  2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
  3. ANGLE RANGE: 0'-1'.

PRELIMINARY 7-12-06

DATE: 7/12/06	PROJECT: DC (P33)	DESCRIPTION: DESIGN OF 11KV DOUBLE CIRCULAR TOWER	SCALE: AS SHOWN
DRAWN BY: JAC (P33)	CHECKED BY: JAC (P33)	APPROVED BY: JAC (P33)	DATE: 7/12/06
SHEET 3 OF 3 SKETCH 3		VELCO STRUCTURE CONSULTING SERVICES 11500 N. 34TH AVENUE, SUITE 100 DENVER, CO 80238 TEL: 303.751.1100 FAX: 303.751.1101 WWW.VELCO.COM	



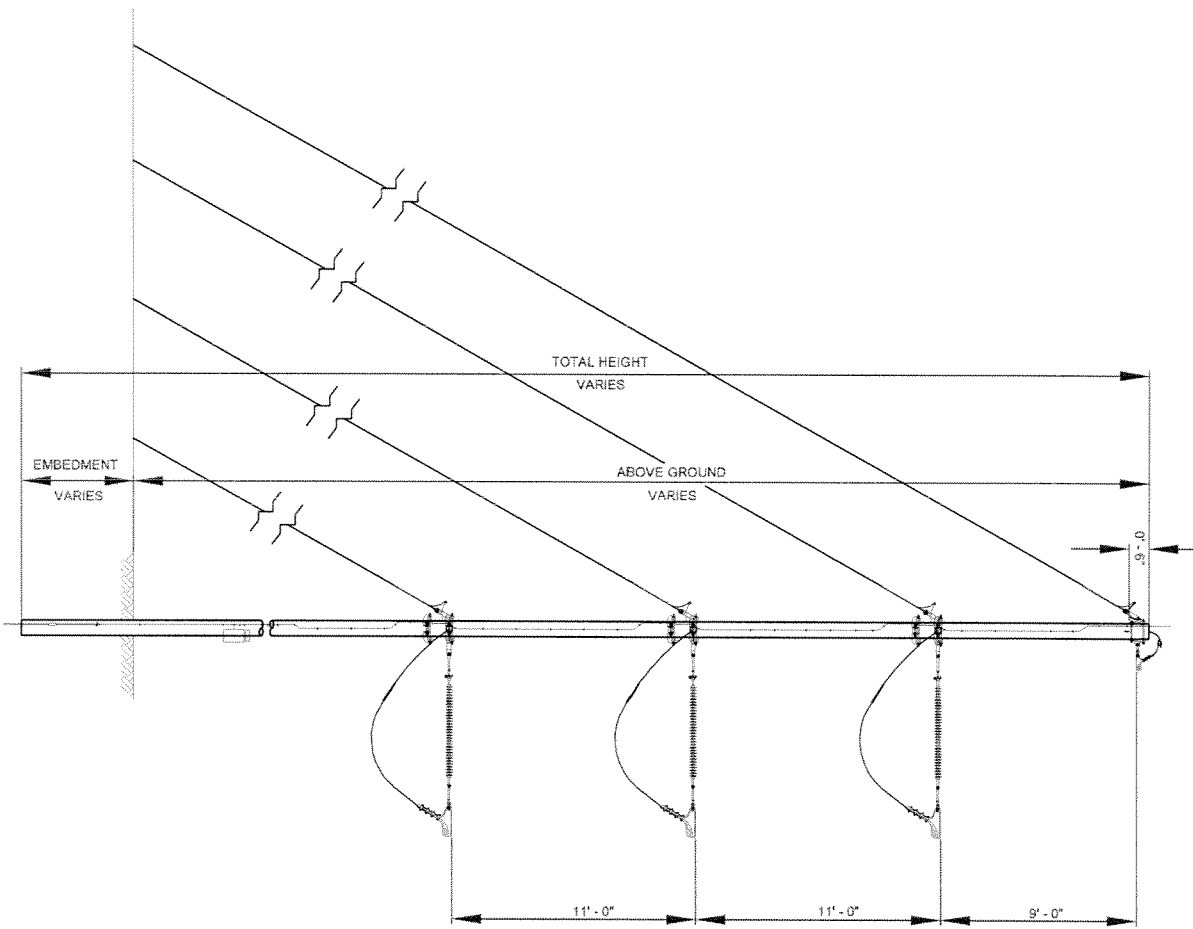


**NOTES:**

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 30°-60°

PRELIMINARY 7-12-06

DATE: 7/12/06	DESIGNED BY: CJK (PJ)	PROJECT: 1154V DE WINTH HAM UNDERGROUND	APPROVED BY: [Signature]
DRAWN BY: JAC (PJ)	CHECKED BY: [Signature]	SCALE: AS SHOWN	DATE: 7/12/06
PROJECT NUMBER: 1154V	DRAWING NUMBER: SNEIGH 5	PROJECT: 1154V DE WINTH HAM UNDERGROUND	SCALE: AS SHOWN
DATE: 7/12/06	DESIGNED BY: CJK (PJ)	PROJECT: 1154V DE WINTH HAM UNDERGROUND	APPROVED BY: [Signature]
DRAWN BY: JAC (PJ)	CHECKED BY: [Signature]	SCALE: AS SHOWN	DATE: 7/12/06
PROJECT NUMBER: 1154V	DRAWING NUMBER: SNEIGH 5	PROJECT: 1154V DE WINTH HAM UNDERGROUND	SCALE: AS SHOWN



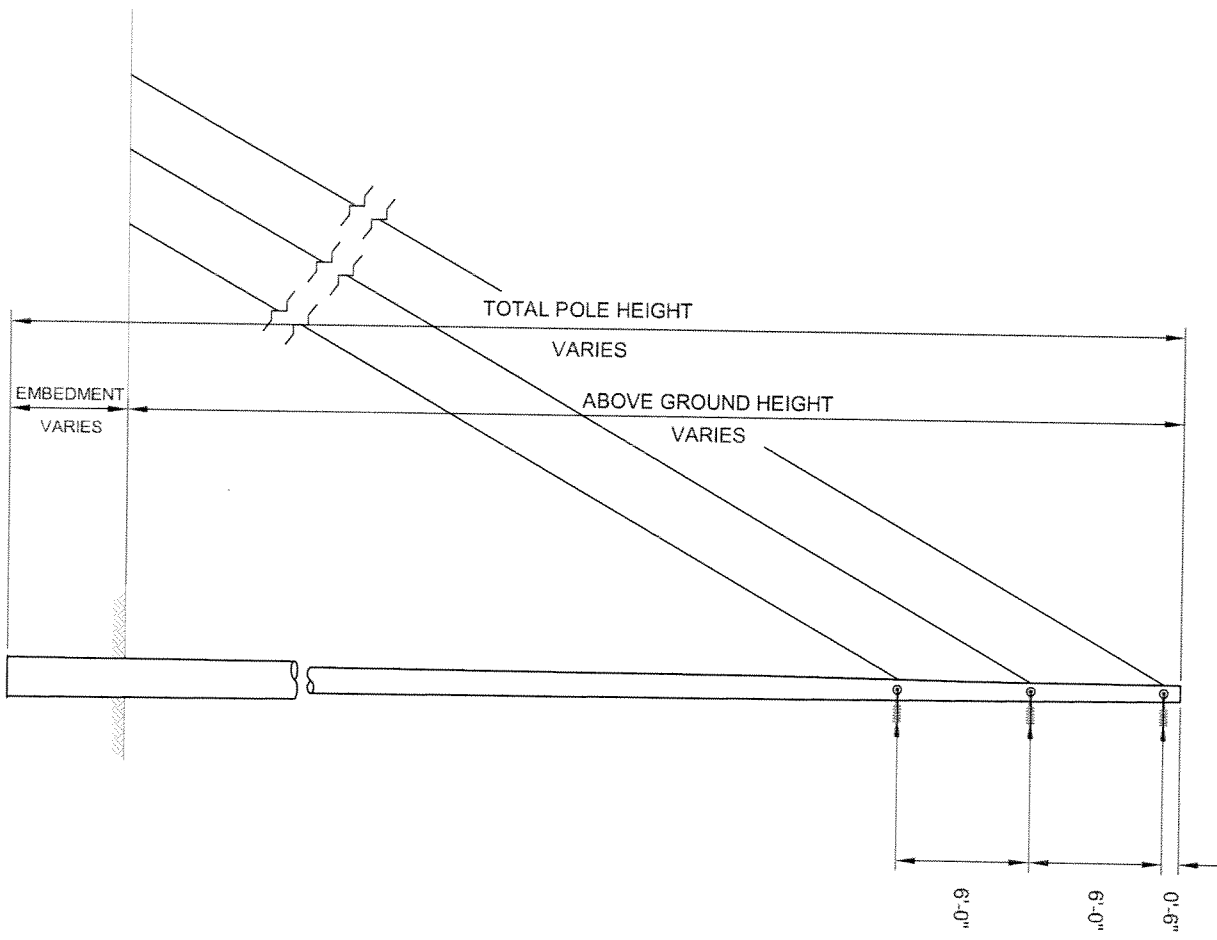
PRELIMINARY 7-12-06

**NOTES:**

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 60°-105°

DATE: 7/12/06	DESIGNED BY: CEN (CEN)	PROJECT: VERMONT ELECTRIC POWER CO., INC.	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.
SCALE: 1/4" = 1'-0"	DRAWN BY: JAC (JAC)	PROJECT: VERMONT ELECTRIC POWER CO., INC.	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.
SCALE: 1/4" = 1'-0"	CHECKED BY: JAC (JAC)	PROJECT: VERMONT ELECTRIC POWER CO., INC.	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.
SCALE: 1/4" = 1'-0"	APPROVED BY: JAC (JAC)	PROJECT: VERMONT ELECTRIC POWER CO., INC.	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.
SCALE: 1/4" = 1'-0"	DATE: 7/12/06	PROJECT: VERMONT ELECTRIC POWER CO., INC.	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.
SCALE: 1/4" = 1'-0"	DATE: 7/12/06	PROJECT: VERMONT ELECTRIC POWER CO., INC.	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.
SCALE: 1/4" = 1'-0"	DATE: 7/12/06	PROJECT: VERMONT ELECTRIC POWER CO., INC.	DESCRIPTION: VERMONT ELECTRIC POWER CO., INC.



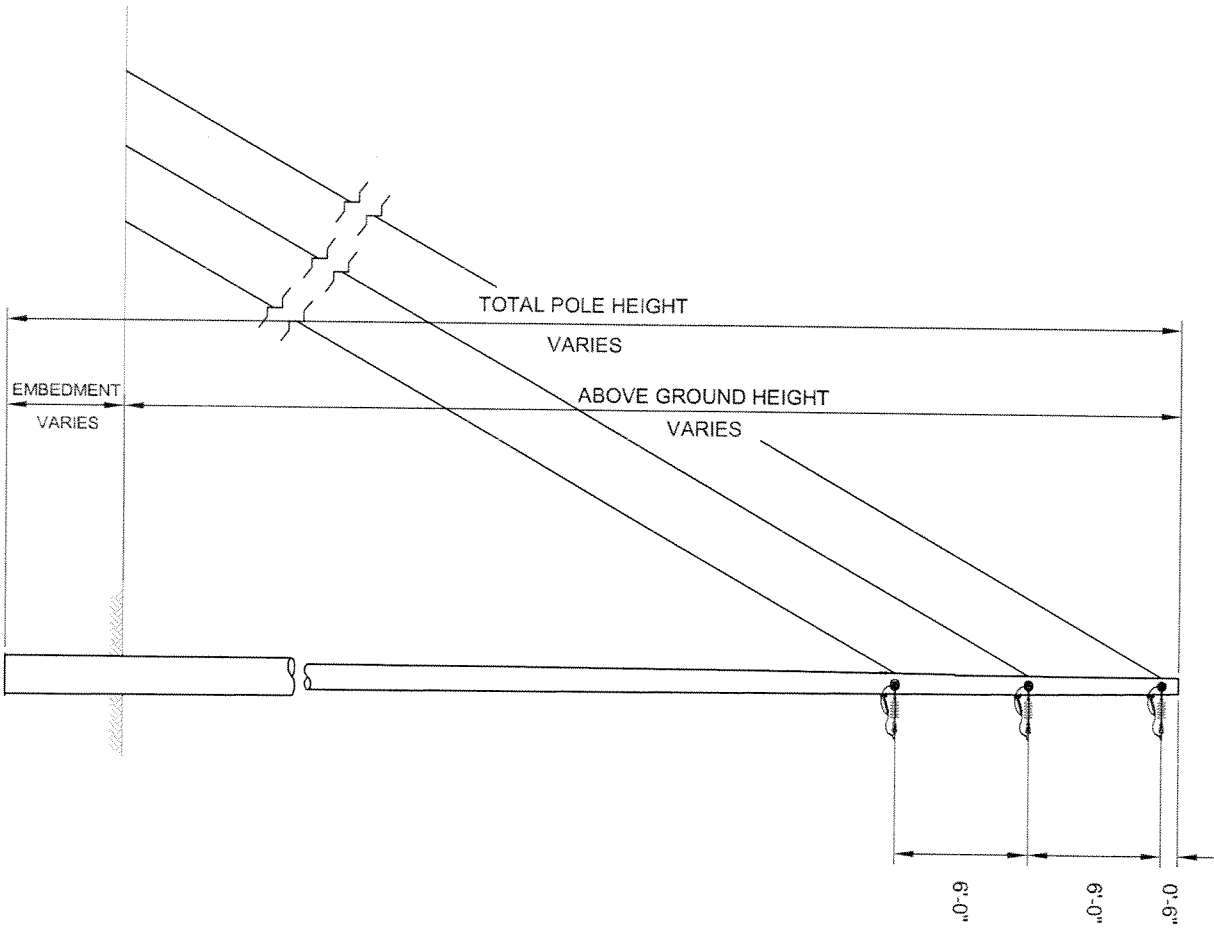


PRELIMINARY 7-12-06

**NOTES:**

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 30° - 60°

DATE: 7/12/06	PROJECT: CTR (P03)	PROJECT: VENDOR: VERMONT ELECTRIC POWER CO., INC.	PROJECT: VERMONT ELECTRIC POWER CO., INC.
DRAWN BY: [blank]	CHECKED BY: [blank]	DESIGNED BY: [blank]	APPROVED BY: [blank]
PROJECT: 3400 STATE STREET, VERMONT, VERMONT 3400 STATE STREET, VERMONT, VERMONT 3400 STATE STREET, VERMONT, VERMONT		PROJECT: 3400 STATE STREET, VERMONT, VERMONT 3400 STATE STREET, VERMONT, VERMONT 3400 STATE STREET, VERMONT, VERMONT	
SHEET: 8 OF 8 SKETCH: B		SHEET: 8 OF 8 SKETCH: B	

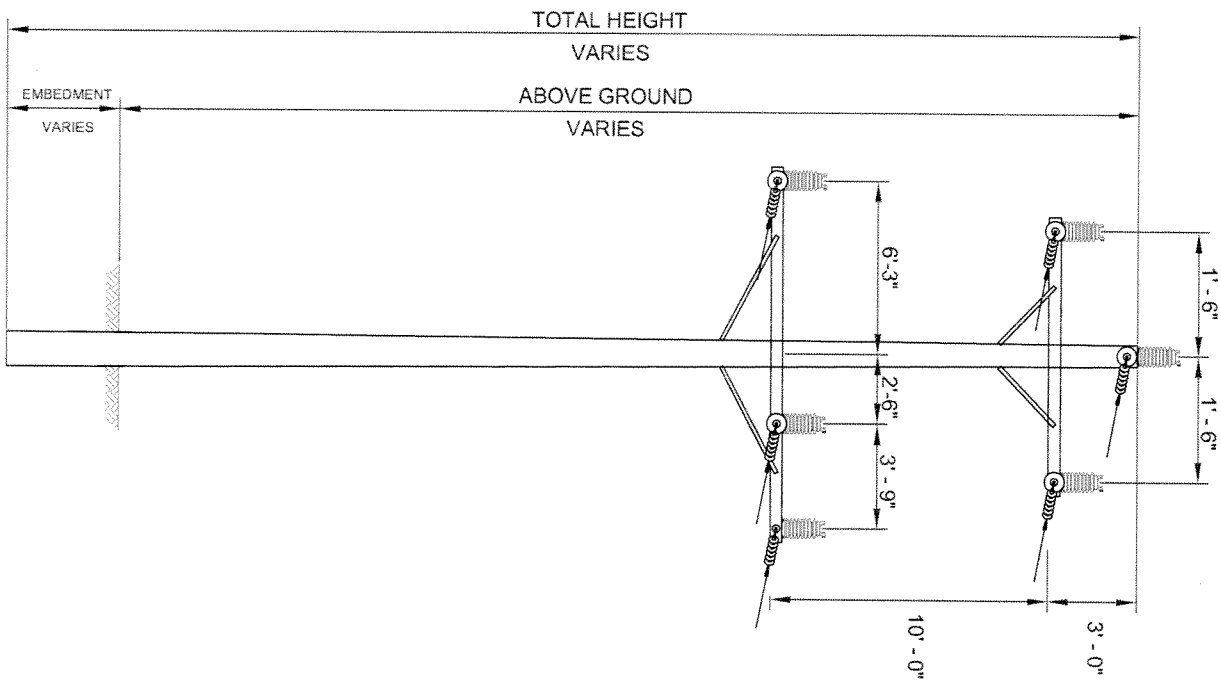


PRELIMINARY 7-12-06

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 60°-100°

DATE: 7/12/06	BY: CJK (PJK)	DATE: 7/12/06	BY: JAW (PJK)
PROJECT: M. LAY STREET, COLUMBIA, MO DRAWING NO: 7-12-06		PROJECT: VENTNANT ELECTRIC POWER CO., INC. DRAWING NO: SKETCH BA	
CHECKED BY: JAW (PJK)		CHECKED BY: JAW (PJK)	
APPROVED BY:		APPROVED BY:	

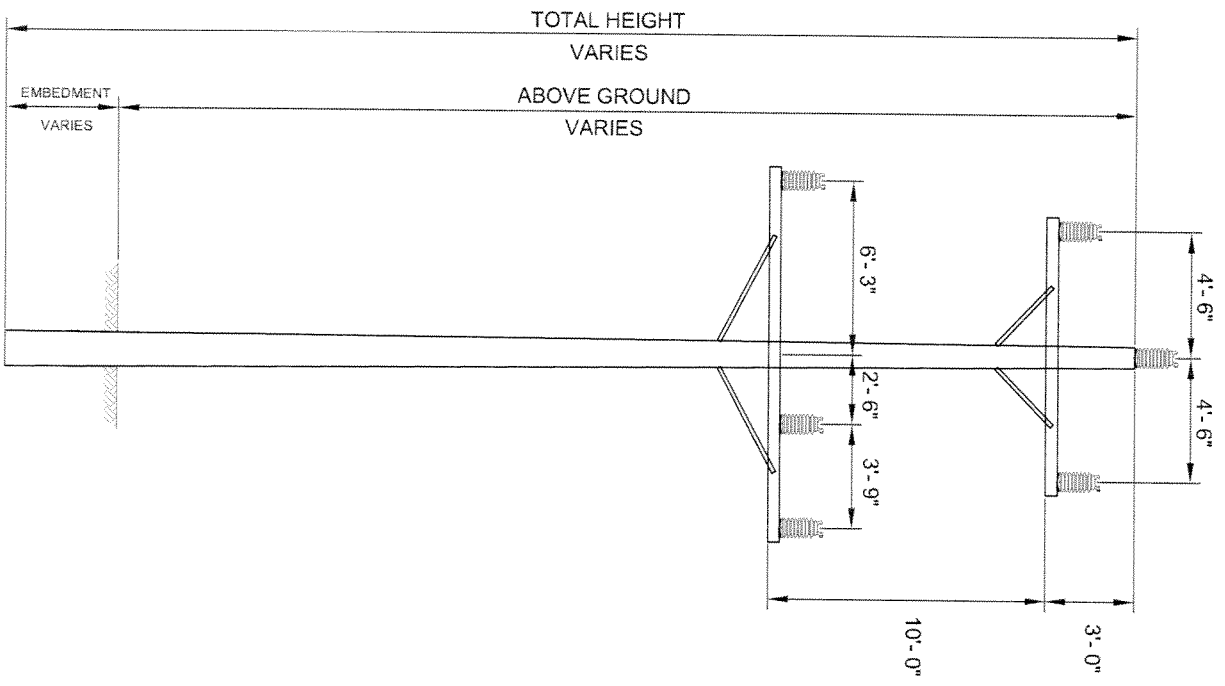


PRELIMINARY 7-12-06

**NOTES:**

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 0-40°

		<b>VTECO</b> VENTNANT ELECTRIC POWER CO., INC. STRUCTURE ENGINEERING - DESIGN MAINTENANCE ENGINEERING - DESIGN ELECTRICAL ENGINEERING - DESIGN CIVIL ENGINEERING - DESIGN SURVEYING - DESIGN	
DATE: 7/12/06	DESIGNED BY: [ ]	DATE: 7/12/06	DESIGNED BY: [ ]
CHK'D BY: [ ]	DATE: [ ]	CHK'D BY: [ ]	DATE: [ ]
APP'D BY: [ ]	DATE: [ ]	APP'D BY: [ ]	DATE: [ ]
SHEET NO. 9 TOTAL SHEETS 9		SKETCH 9	

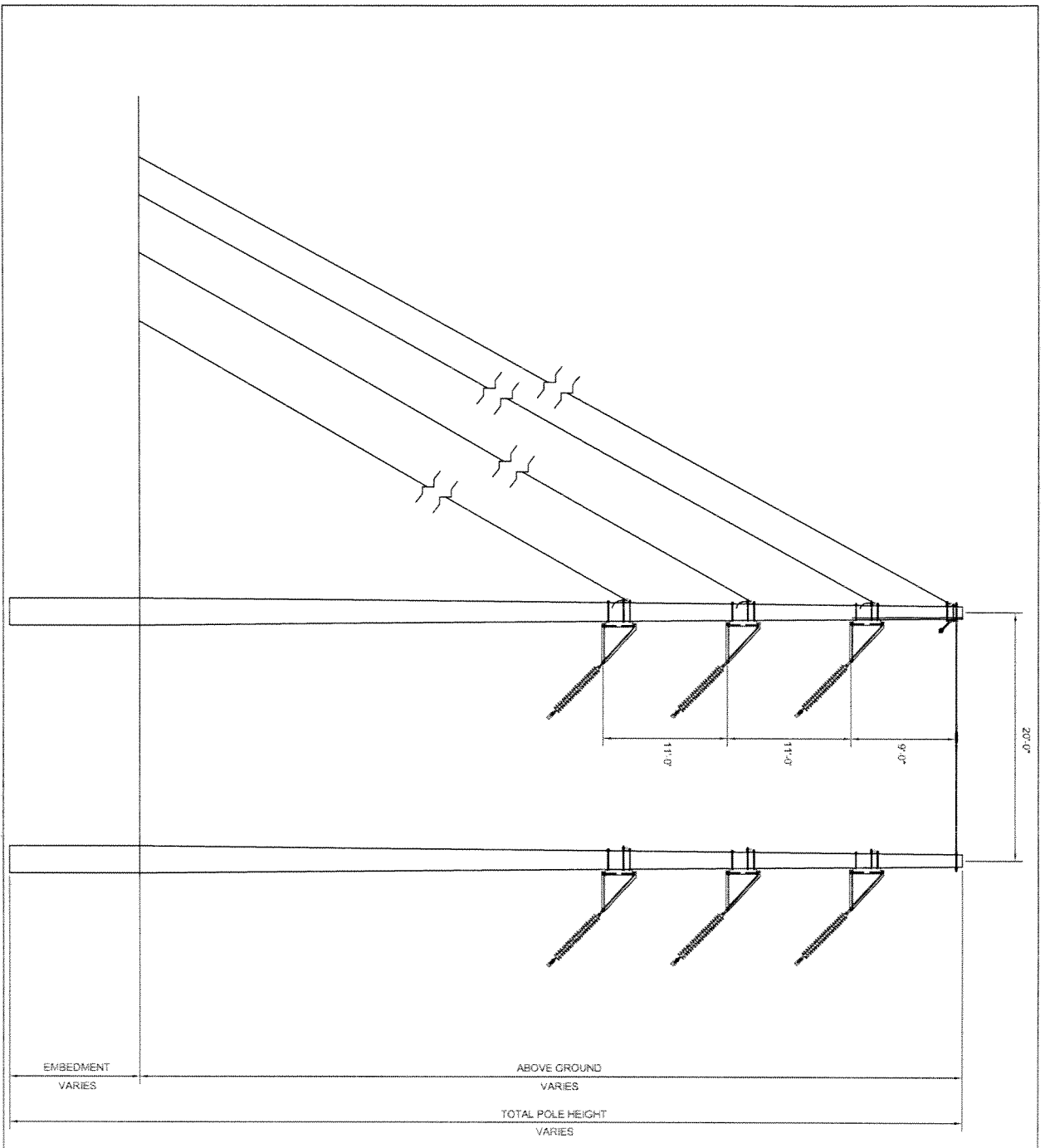


**NOTES:**

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 0°-3°

PRELIMINARY 7-12-06

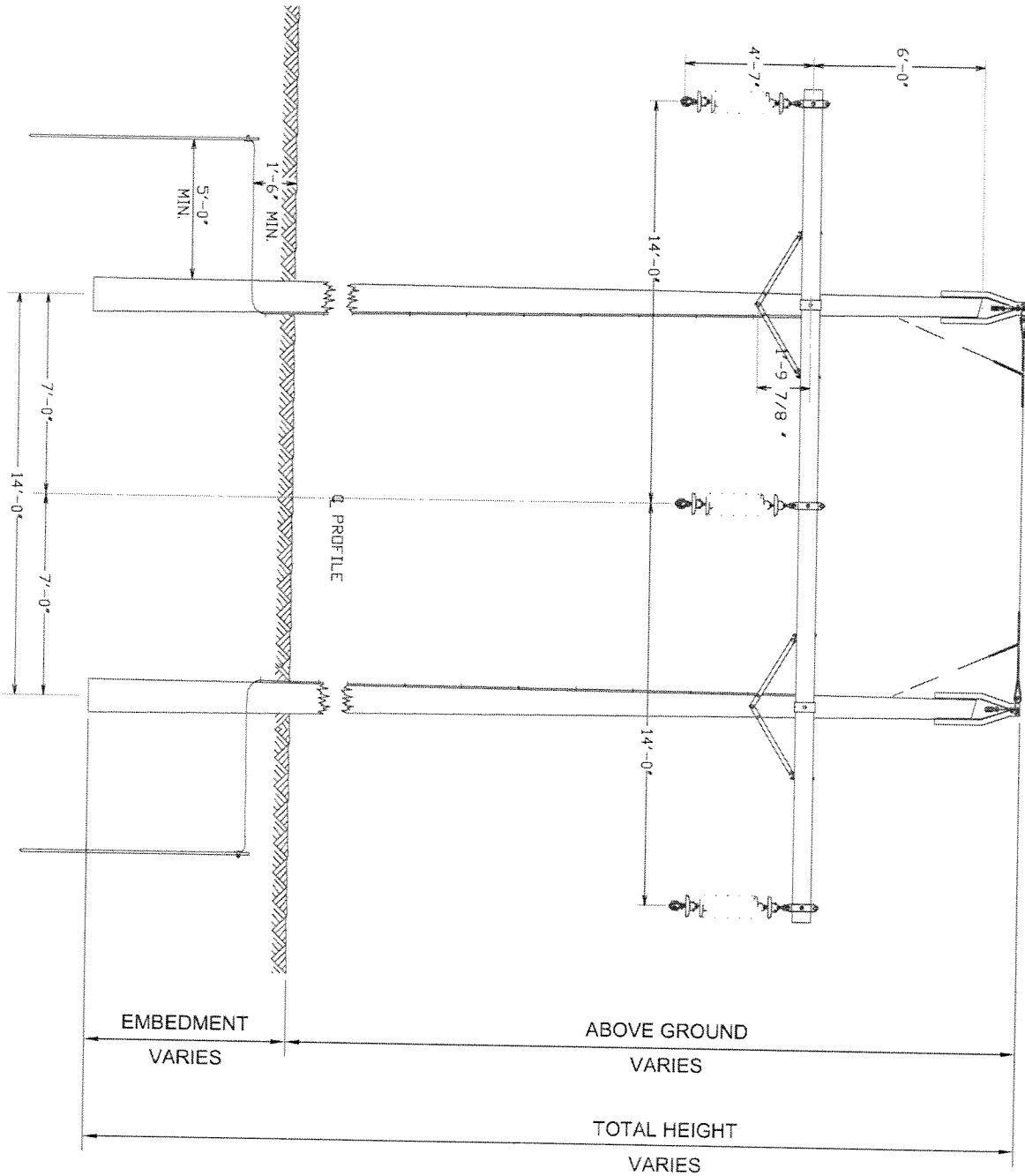
DATE: 7/27/06	SCALE: AS SHOWN	DESCRIPTION: VENTNUT ELECTRIC POWER CO., INC.	PROJECT: 0706
BY: [Signature]	SCALE: AS SHOWN	DESCRIPTION: 24 KVA DISTRIBUTION TRANSFORMER	PROJECT: 0706
CHECKED: [Signature]	SCALE: AS SHOWN	DESCRIPTION: 24 KVA DISTRIBUTION TRANSFORMER	PROJECT: 0706
DATE: 7/27/06	SCALE: AS SHOWN	DESCRIPTION: 24 KVA DISTRIBUTION TRANSFORMER	PROJECT: 0706
<p>SKETCH 10</p>		<p>SCALE: AS SHOWN</p>	



		<b>VEILCO</b> VERMONT ELECTRIC POWER CO., INC. ENGINEER - SKETCH	
DATE: 7/12/08	DESIGNED BY: JAC (PJD)	DATE: 7/12/08	DESIGNED BY: JAC (PJD)
115KV DOUBLE CIRCUIT 2-33KV AIRBORNE ANGLE STRUCTURE CONFIGURATION DRAWING		SKETCH 11	

- NOTES:**
1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
  2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
  3. ANGLE RANGE: 5°-40°

PRELIMINARY 7-12-08

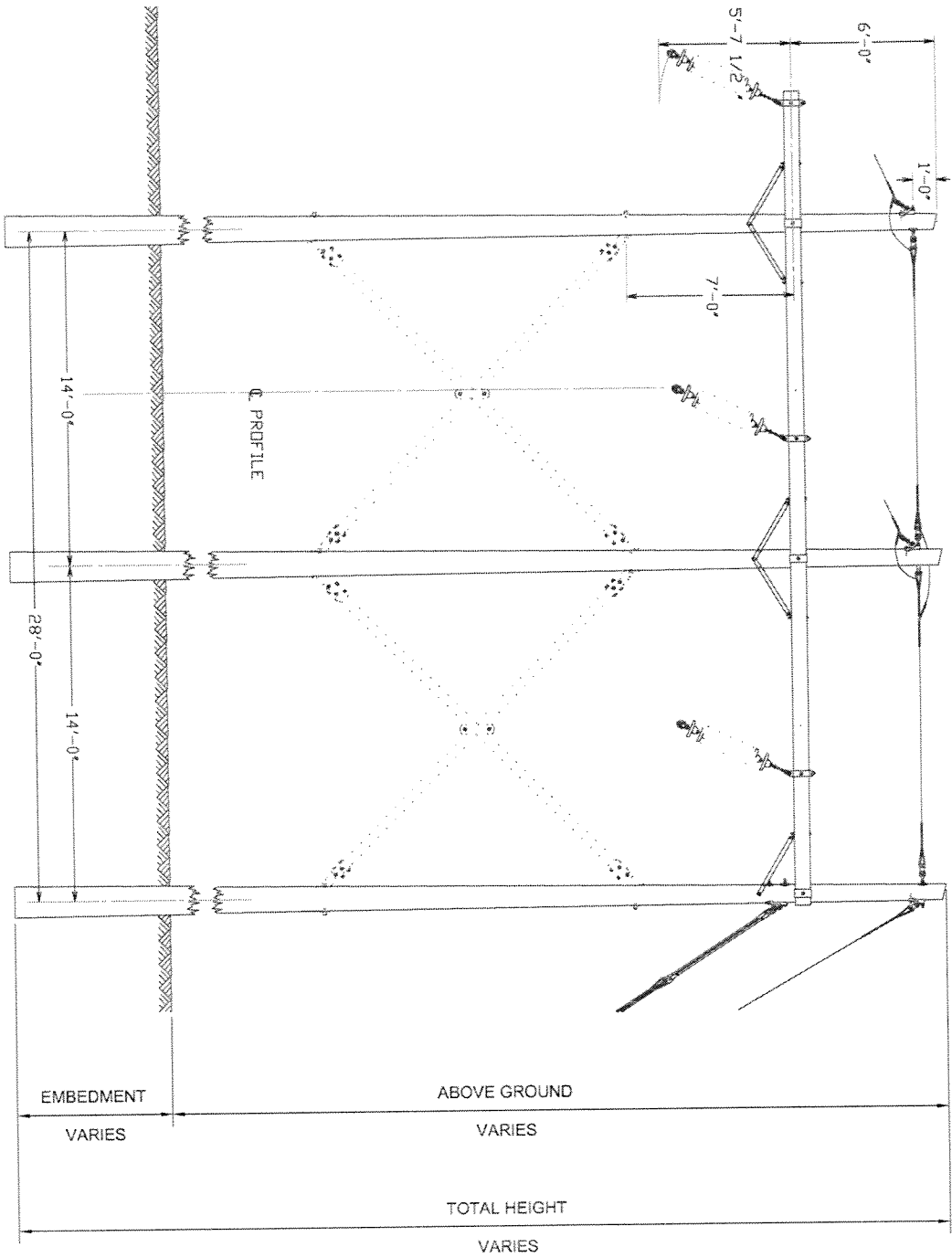


**NOTES:**

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 0°-3°

PRELIMINARY 7-12-06

DATE: 7/12/06	CHK: (RHS)	DATE: 7/12/06	CHK: (RHS)
SCALE: AS SHOWN	PROJECT: 115KV N-TRAIL	SCALE: AS SHOWN	PROJECT: 115KV N-TRAIL
NO. OF SHEETS: 1	SHEET NO.: 1	NO. OF SHEETS: 1	SHEET NO.: 1
DESIGNED BY: (RHS)	CHECKED BY: (RHS)	DESIGNED BY: (RHS)	CHECKED BY: (RHS)
DRAWING NUMBER: SKETCH TYPE A-3		DRAWING NUMBER: SKETCH TYPE A-3	
FILE: SKETCH A-3	FILE: SKETCH A-3	FILE: SKETCH A-3	FILE: SKETCH A-3

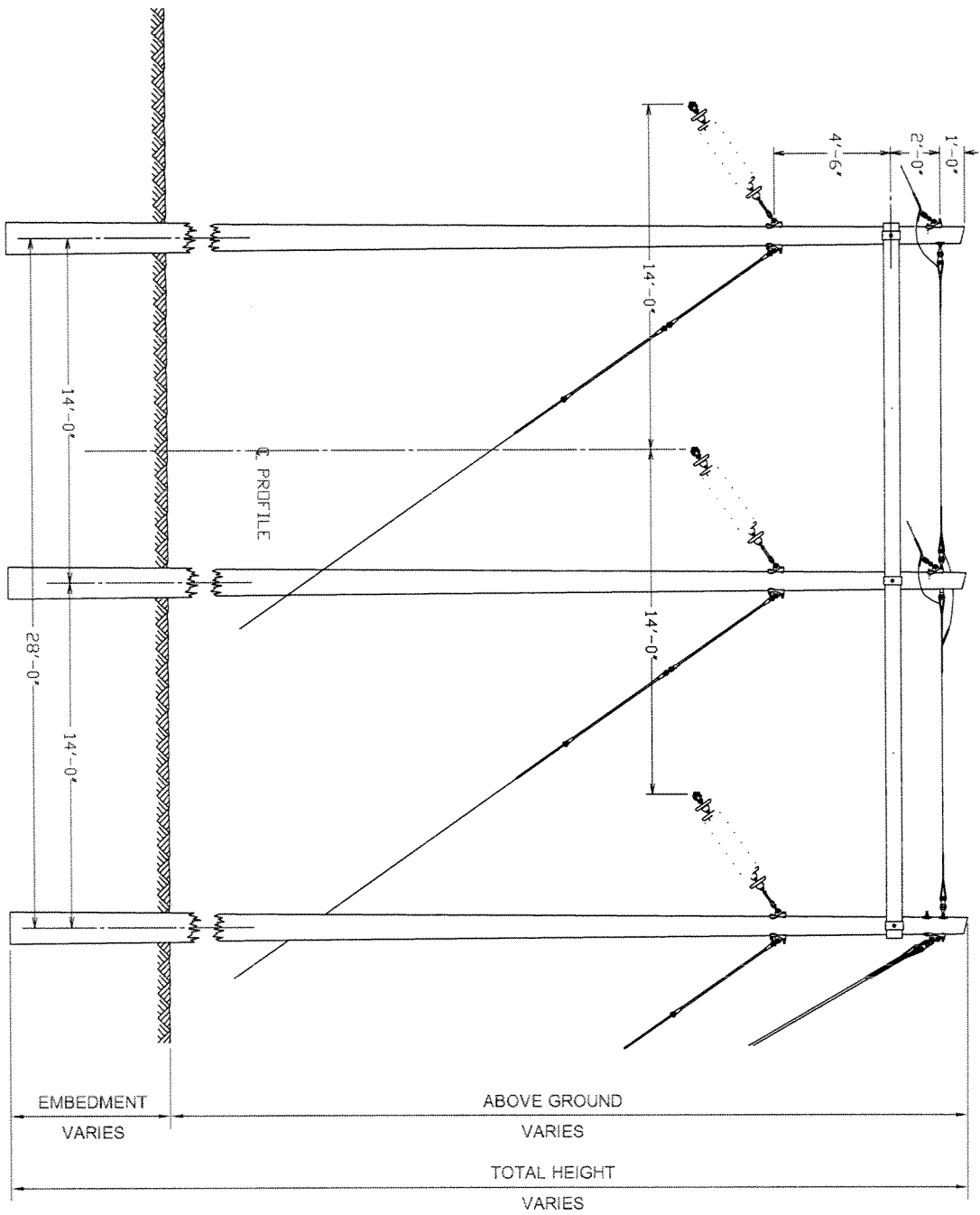


PRELIMINARY 7-12-06

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 0°-27°

DATE: 7/12/06	DESIGNED BY: [blank]	DATE: 7/12/06	DESIGNED BY: [blank]
CHECKED BY: [blank]	DATE: [blank]	CHECKED BY: [blank]	DATE: [blank]
VERMONT ELECTRIC POWER CO., INC. 100 STATE ST., SUITE 200 WASHINGTON, VT 05691		VERMONT ELECTRIC POWER CO., INC. 100 STATE ST., SUITE 200 WASHINGTON, VT 05691	
PROJECT: [blank]		PROJECT: [blank]	
SHEET NO. [blank]		SHEET NO. [blank]	
TOTAL SHEETS: [blank]		TOTAL SHEETS: [blank]	
DRAWING NUMBER: [blank]		DRAWING NUMBER: [blank]	
SKETCH TYPE: B		SKETCH TYPE: B	



EMBEDMENT  
VARIES

ABOVE GROUND  
VARIES

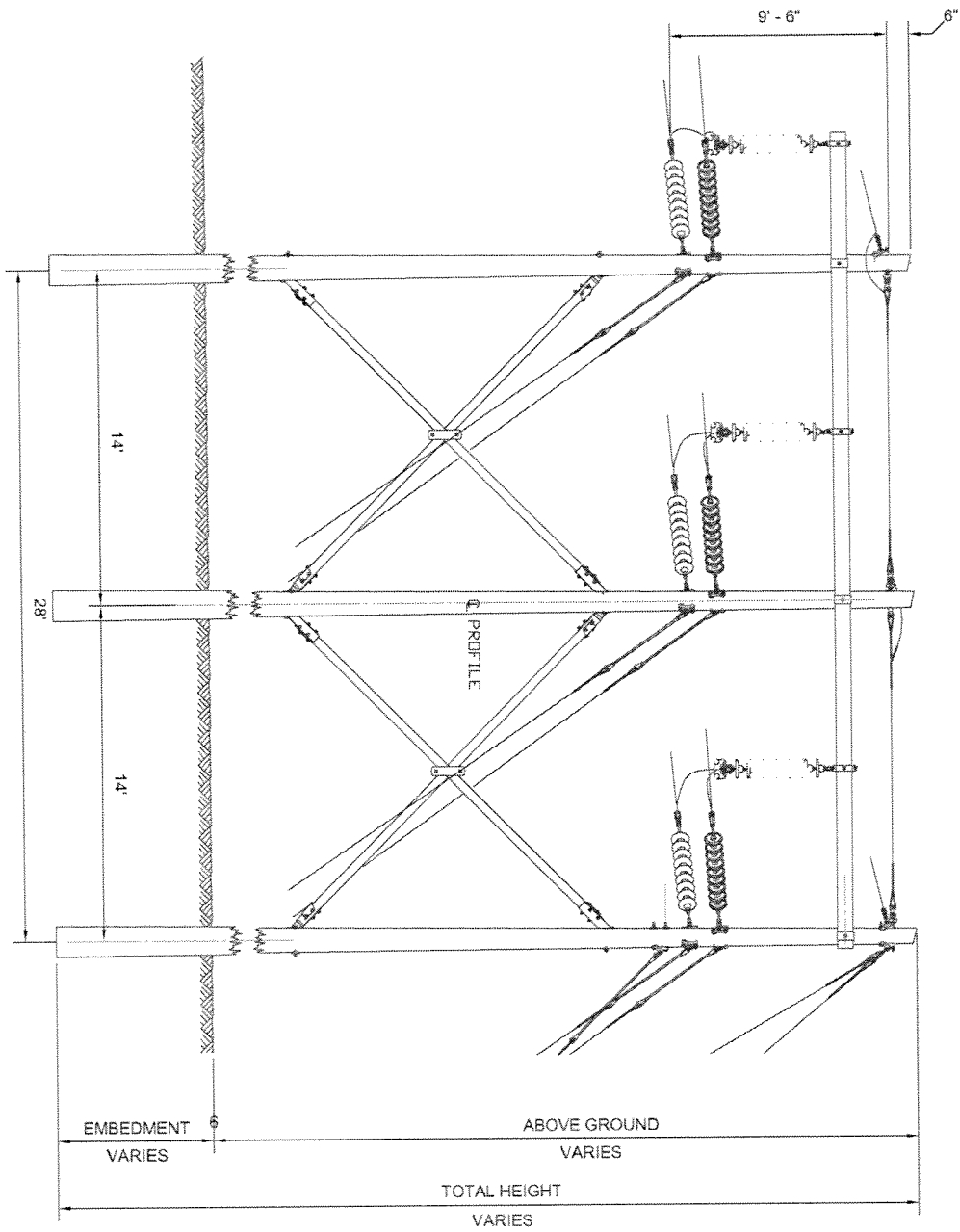
TOTAL HEIGHT  
VARIES

NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 27°-50°

PRELIMINARY 7-12-06

				VEPCO TRANSMISSION & DISTRIBUTION DIVISION	
DATE	7/12/06	PROJECT	1134V H-1-TOWER TYPE C	SCALE	AS SHOWN
DRAWN BY	JAC (JES)	CHECKED BY	JAC (JES)	DATE	7/12/06
DESIGNED BY		APPROVED BY		DATE	
STRUCTURE CONFIGURATION DRAWING 1134V H-1-TOWER TYPE C			SHEET TYPE C		

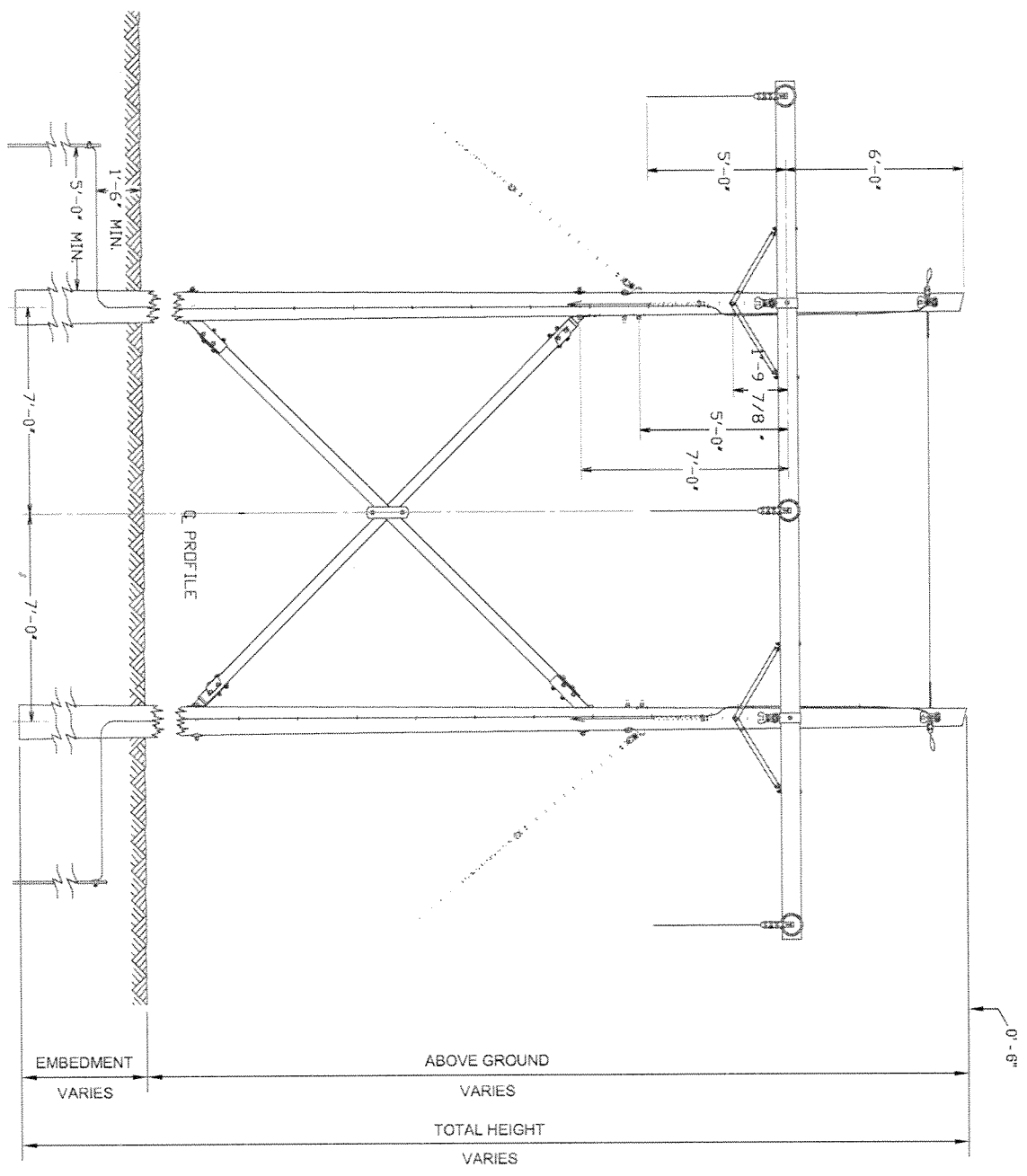


NOTES:

1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
3. ANGLE RANGE: 30°-105°

PRELIMINARY 7-12-06

		<b>VESCO</b> STRUCTURAL CONSULTING ENGINEERS 11500 71 <sup>ST</sup> FRIAR WAY, SUITE 100 FORT WORTH, TEXAS 76116-5000 PHONE: (817) 335-1100 FAX: (817) 335-1101 WWW.VESCOENGINEERS.COM		PROJECT NO. 7-12-06 DATE 06/03/06 DRAWN BY JAC (030) CHECKED BY JAC (030) SCALE AS SHOWN SHEET NO. 1 OF 1 SHEET TITLE SKETCH TYPE DA		CLIENT PROJECT LOCATION DRAWN BY CHECKED BY DATE SCALE SHEET NO.	
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- NOTES:
1. SEE PLAN AND PROFILE FOR PRELIMINARY STRUCTURE HEIGHTS.
  2. TYPICAL EMBEDMENT DEPTH IS 10% OF THE TOTAL POLE LENGTH PLUS 2 FEET.
  3. ANGLE RANGE: 0°-3°
  4. THIS STRUCTURE IS USED IN SITUATIONS WHERE REQUIRED DUE TO ENGINEERING.

PRELIMINARY 7-12-06

DATE	2/12/06	DESIGNED BY	CHK (PNS)	SCALE	AS SHOWN
APP'D BY	JMG (PNS)	DATE	2/12/06	PROJECT	115KV H-T-TRANSFORMER E
				STRUCTURE CONSTRUCTION DRAWING NUMBER - 50000 APPROVED BY:	
SHEET NO. 1 TOTAL SHEETS 1		DRAWING NO. 115KV H-T-TRANSFORMER E SHEET NO. 1		SKETCH TYPE E	