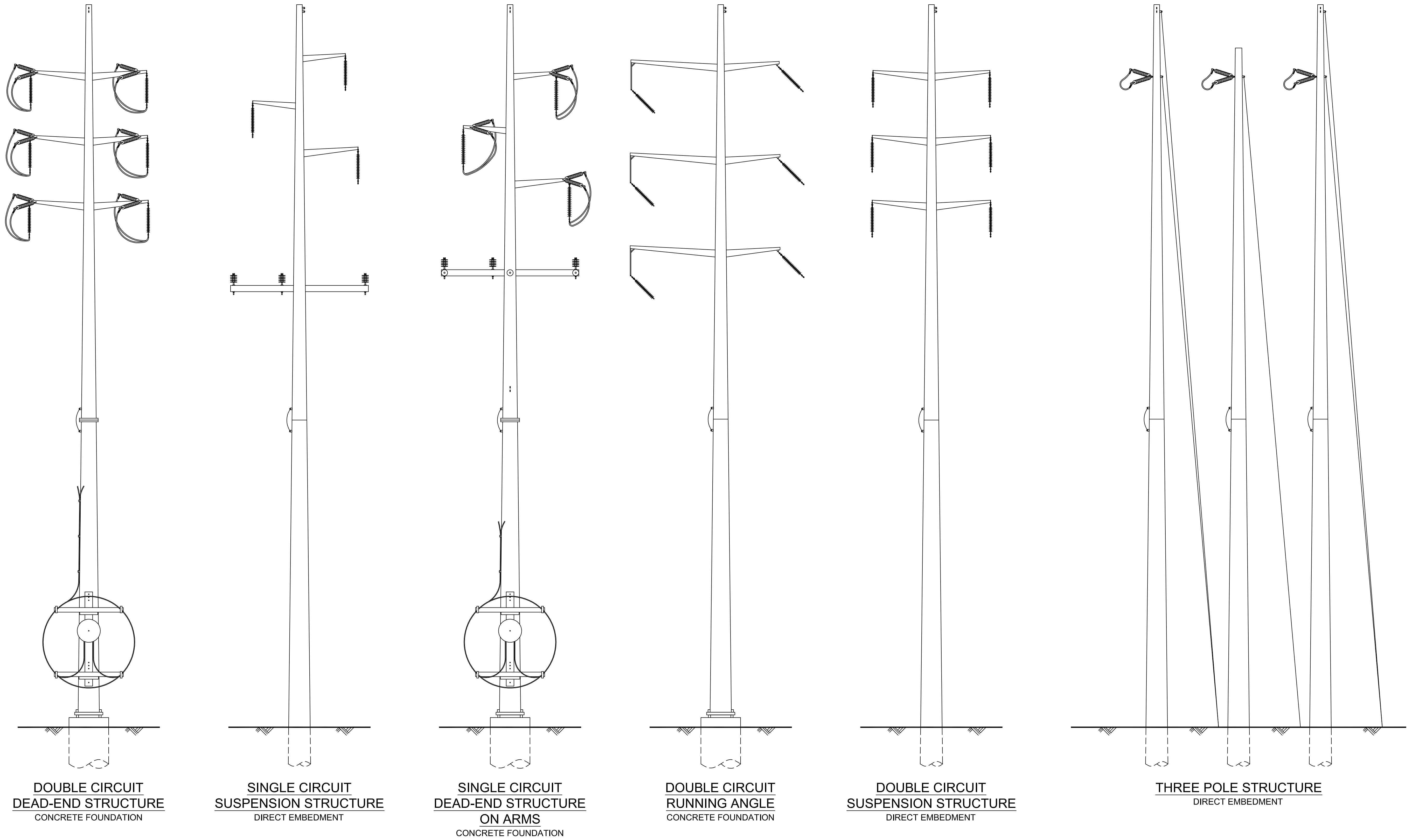


Preliminary engineering indicates that the most common height of the steel pole structures will be approximately 99.2 feet at the highest point (the tops of the vertical poles), and the most common width at the widest point (across the horizontal cross-arm sections) will be approximately 18.5 feet. The material of the structures will be steel, their color will be gray, and their finish will be galvanized.



**DOUBLE CIRCUIT
DEAD-END STRUCTURE**
CONCRETE FOUNDATION

**SINGLE CIRCUIT
SUSPENSION STRUCTURE**
DIRECT EMBEDMENT

**SINGLE CIRCUIT
DEAD-END STRUCTURE
ON ARMS**
CONCRETE FOUNDATION

**DOUBLE CIRCUIT
RUNNING ANGLE
SUSPENSION STRUCTURE**
CONCRETE FOUNDATION

**DOUBLE CIRCUIT
SUSPENSION STRUCTURE**
DIRECT EMBEDMENT

THREE POLE STRUCTURE
DIRECT EMBEDMENT

ANSI D... CADD Drawings DO NOT REVISE MANUALLY.

PLAN	SURVEYED	BY	DATE
NOTEBOOK NO.	REVIEWED		
	ROW CHKD		

PROFILE	SURVEYED	BY	DATE
NOTEBOOK NO.	REVIEWED		
	NOTES REDUCED		

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**Figure 5-3
Typical Structure Type Details**
Rochester Transmission Project Enhancement
Monroe County, NY

OHSW TYPE	CONDUCTOR TYPE	YR. CONST.	W/O	PE Stamp
TENSION	TENSION	NOTES:		
DESIGN TEMP.	DESIGN TEMP.			
REV.	DATE	BY	DESCRIPTION	APP.

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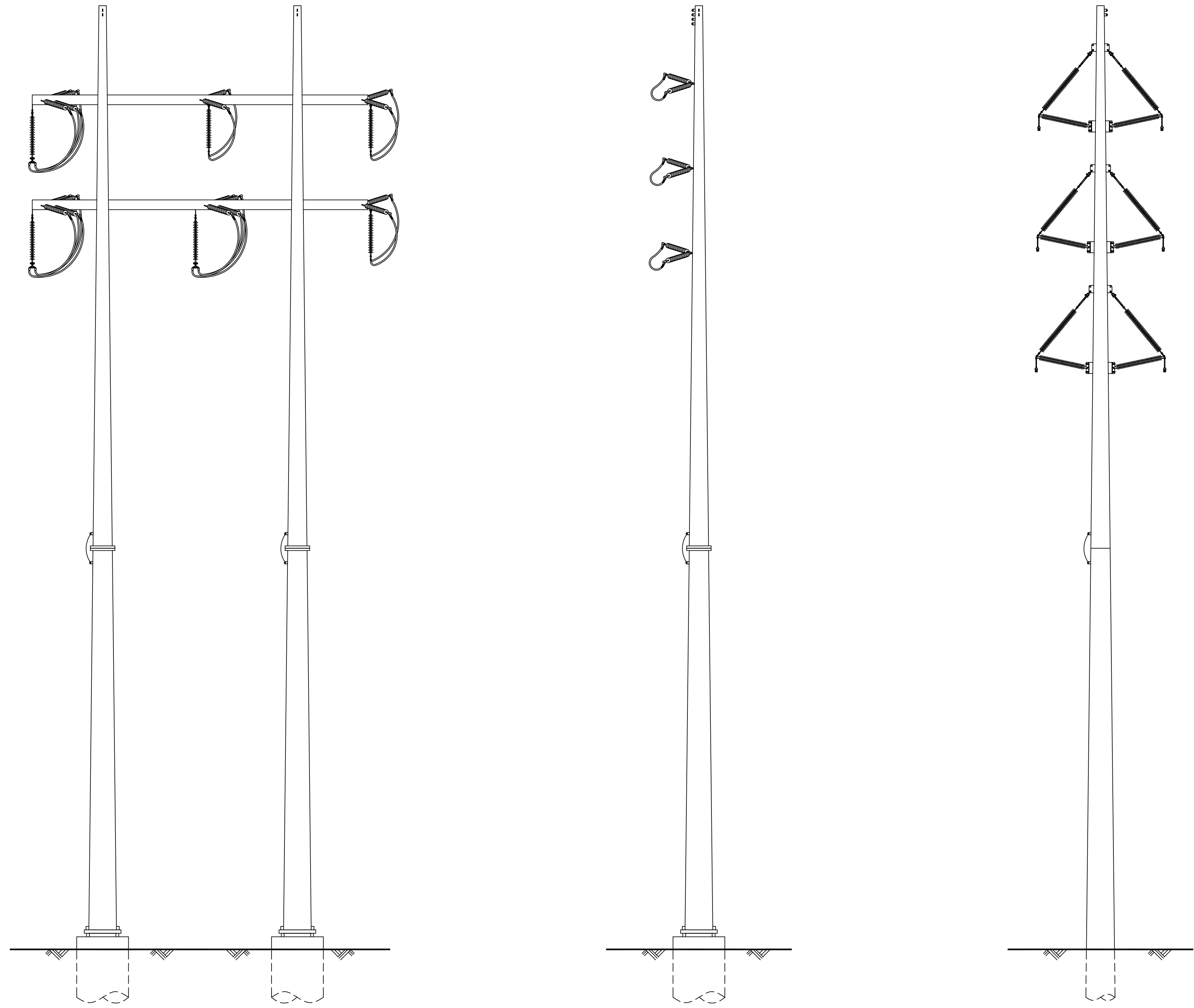
DR.	RSH	SCALE	AS SHOWN	FILE:	R0001-T949-501.DWG
CK.	MSP	NO.			
APP.					
0-0A	8/14/19	MLEC	ISSUE FOR REVIEW		
REV.	DATE	BY	DESCRIPTION	APP.	DATE:

**LINE 949
STRUCTURE TYPE DETAILS**
SHEET 1 OF 2
115kV LINE 949

R0001-T949-501

REV. 0-0A

Preliminary engineering indicates that the most common height of the steel pole structures will be approximately 99.2 feet at the highest point (the tops of the vertical poles), and the most common width at the widest point (across the horizontal cross-arm sections will be approximately 18.5 feet. The material of the structures will be steel, their color will be gray, and their finish will be galvanized.



H-FRAME DEAD-END STRUCTURE
CONCRETE FOUNDATION

SINGLE CIRCUIT DEAD-END STRUCTURE ON POLE
CONCRETE FOUNDATION

DOUBLE CIRCUIT BRACED POST STRUCTURE
DIRECT EMBEDMENT

PLAN	SURVEYED	BY	DATE
NOTEBOOK NO.	REVIEWED		
	ROW CHKD		

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PROFILE	SURVEYED	BY	DATE
NOTEBOOK NO.	REVIEWED		
	NOTES REDUCED		

ANSI D... CADD Drawings DO NOT REVISE MANUALLY.

Figure 5-3
Typical Structure Type Details
Rochester Transmission Project Enhancement
Monroe County, NY

OHSW TYPE	CONDUCTOR TYPE	YR. CONST.	W/O	PE Stamp
TENSION	TENSION	NOTES:		
DESIGN TEMP.	DESIGN TEMP.			
REV.	DATE	BY	DESCRIPTION	APP.

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APP.	DATE:	8/13/19		

LINE 949 STRUCTURE TYPE DETAILS SHEET 2 OF 2 115kV LINE 949	
R0001-T949-502	REV. 0-0A