



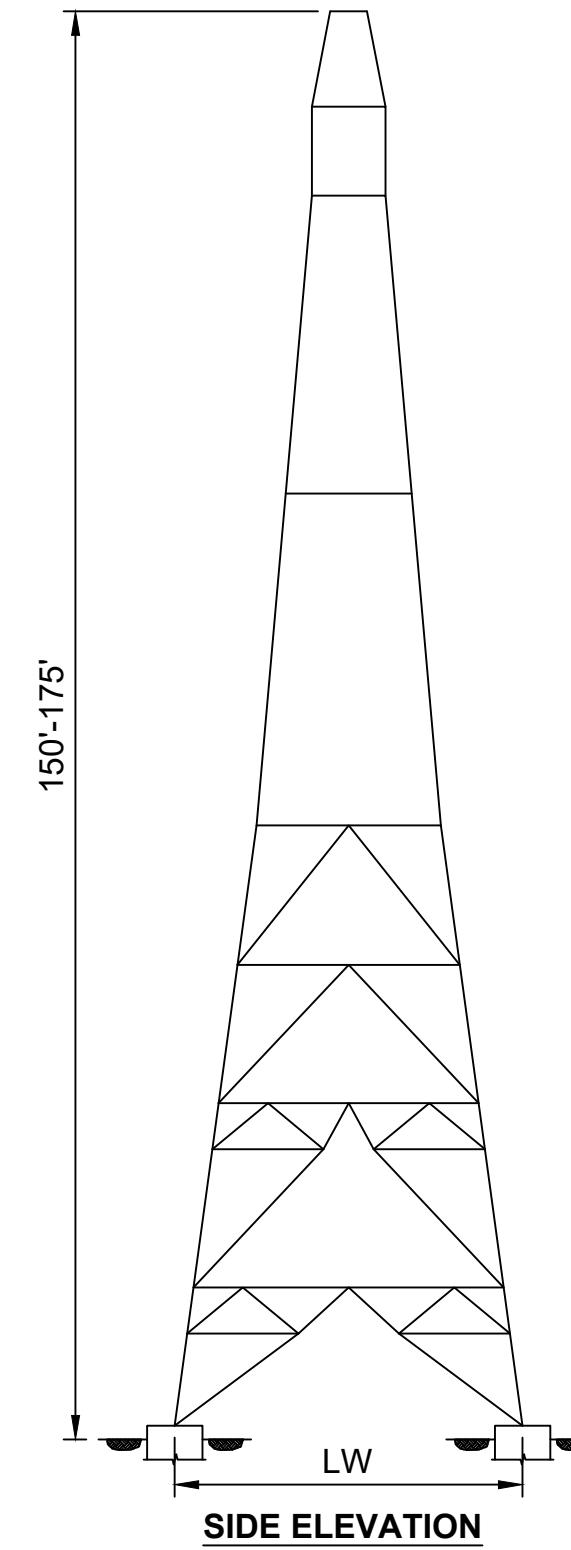
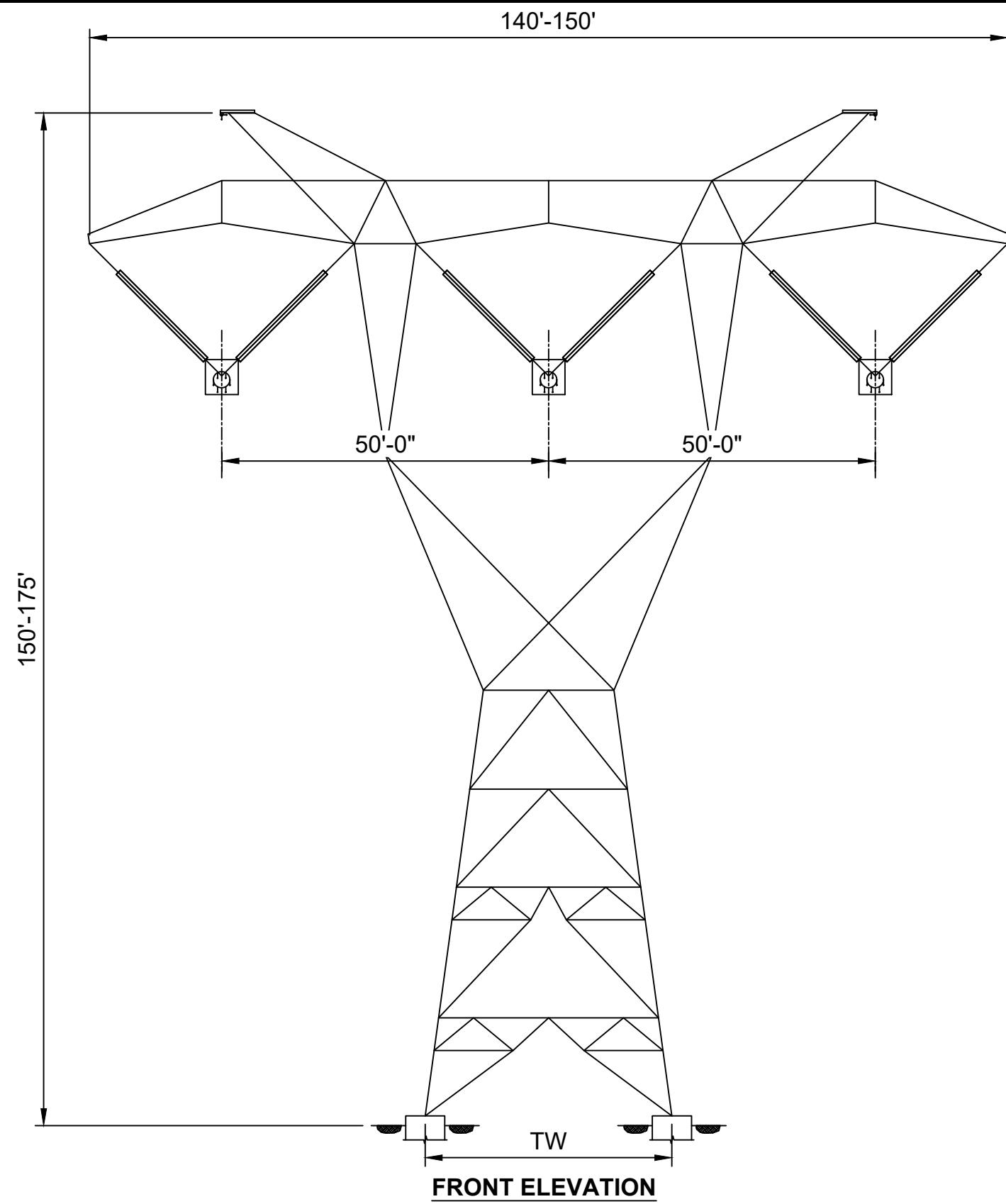
# Appendix C

## Technical Diagrams



# Appendix C.1

## 765 kV Transmission Line Typical Structure



## NOTES:

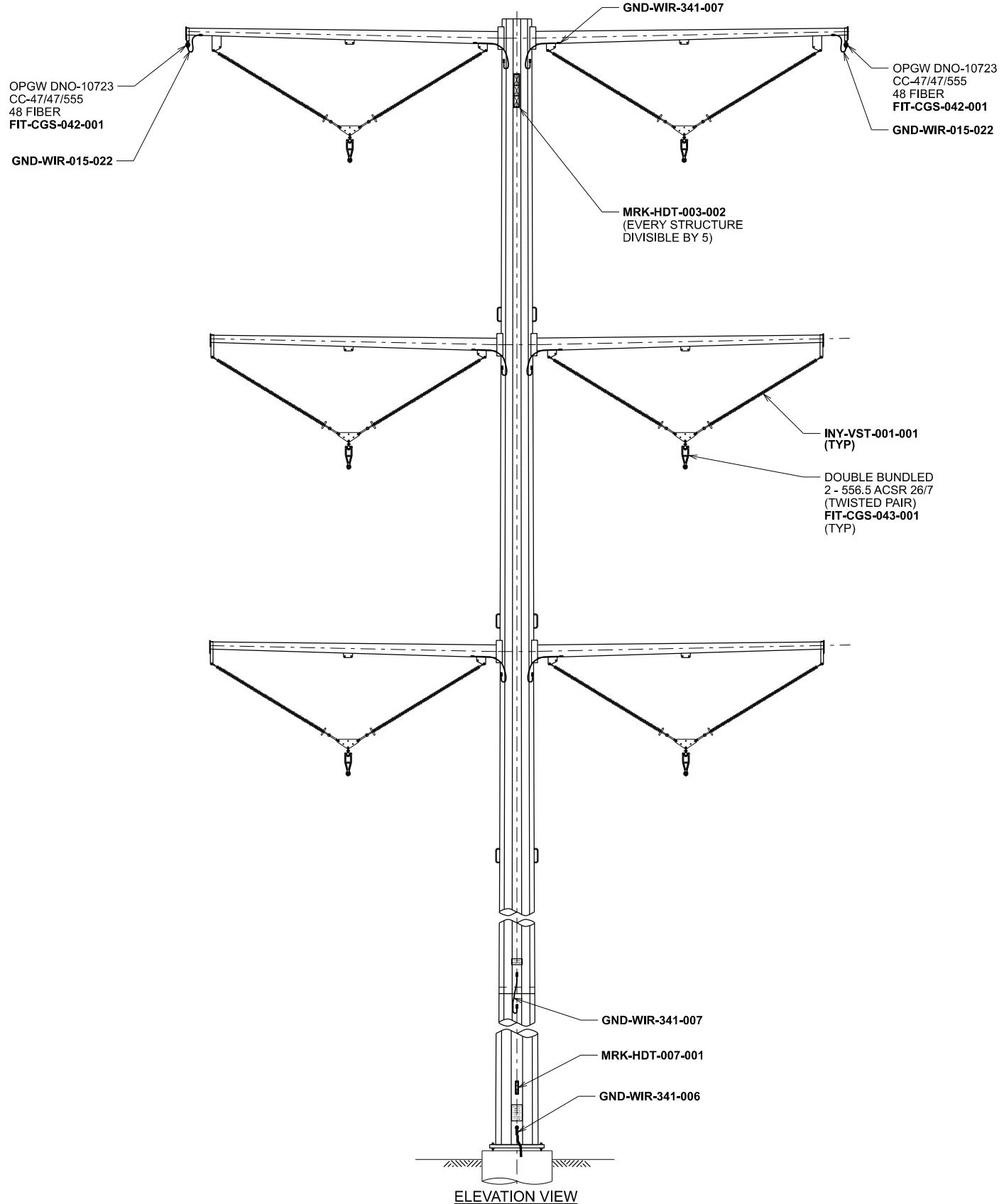
1. STRUCTURE DIMENSIONS:  
HEIGHT RANGE: 150 FT TO 175 FT  
FOOTPRINT SIZE (TWxLW): 35 FT x 35 FT TO 50 FT x 50 FT  
STRUCTURE WIDTH: 140 FT TO 150 FT
2. FOUNDATION DEPTH: 25 FT TO 65 FT
3. MINIMUM DISTANCE FROM CONDUCTORS TO GROUND:  
60 FT TO 80 FT



## Appendix C.2

### 345 kV Transmission Line Typical Structure

ASSEMBLY



QTY	SUBASSEMBLIES
2	FIT-CGS-042-001
3	FIT-CGS-043-001
2	GND-WIR-015-022
1	GND-WIR-341-006
6	GND-WIR-341-007
3	INY-VST-001-001
1	MRK-HDT-007-001

ASSEMBLY  
STR ND-279464-2  
FOR STEEL POLES  
FOR SECOND CIRCUIT

QTY	SUBASSEMBLIES
3	FIT-CGS-043-001
3	INY-VST-001-001

## DRAWING REFERENCE

PLAN & PROFILE \_\_\_\_\_  
SUBASSEMBLY INDEX \_\_\_\_\_

THIS PE SEAL IS ONLY APPLICABLE TO THE CURRENT CONSTRUCTION REVISION

## ISSUED BY ENGINEERING DEPT FOR:

THIS MAP/DOCUMENT IS A TOOL TO ASSIST EMPLOYEES IN THE PERFORMANCE OF THEIR JOBS. YOUR PERSONAL SAFETY IS PROVIDED FOR BY USING SAFETY PRACTICES, PROCEDURES AND EQUIPMENT AS DESCRIBED IN THE SAFETY TRAINING PROGRAMS, MANUALS AND SPARS.

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345 kV

STRUCTURE DRAWING - TANGENT - STEEL - D.C. - SINGLE POLE  
TAN TO 2 DEGREE, DAVIT ARM, V-STRINGSCALE  
AS NOTEDREV  
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REV	DATE	WBS 4	REVISION DESCRIPTION
February 2026			

