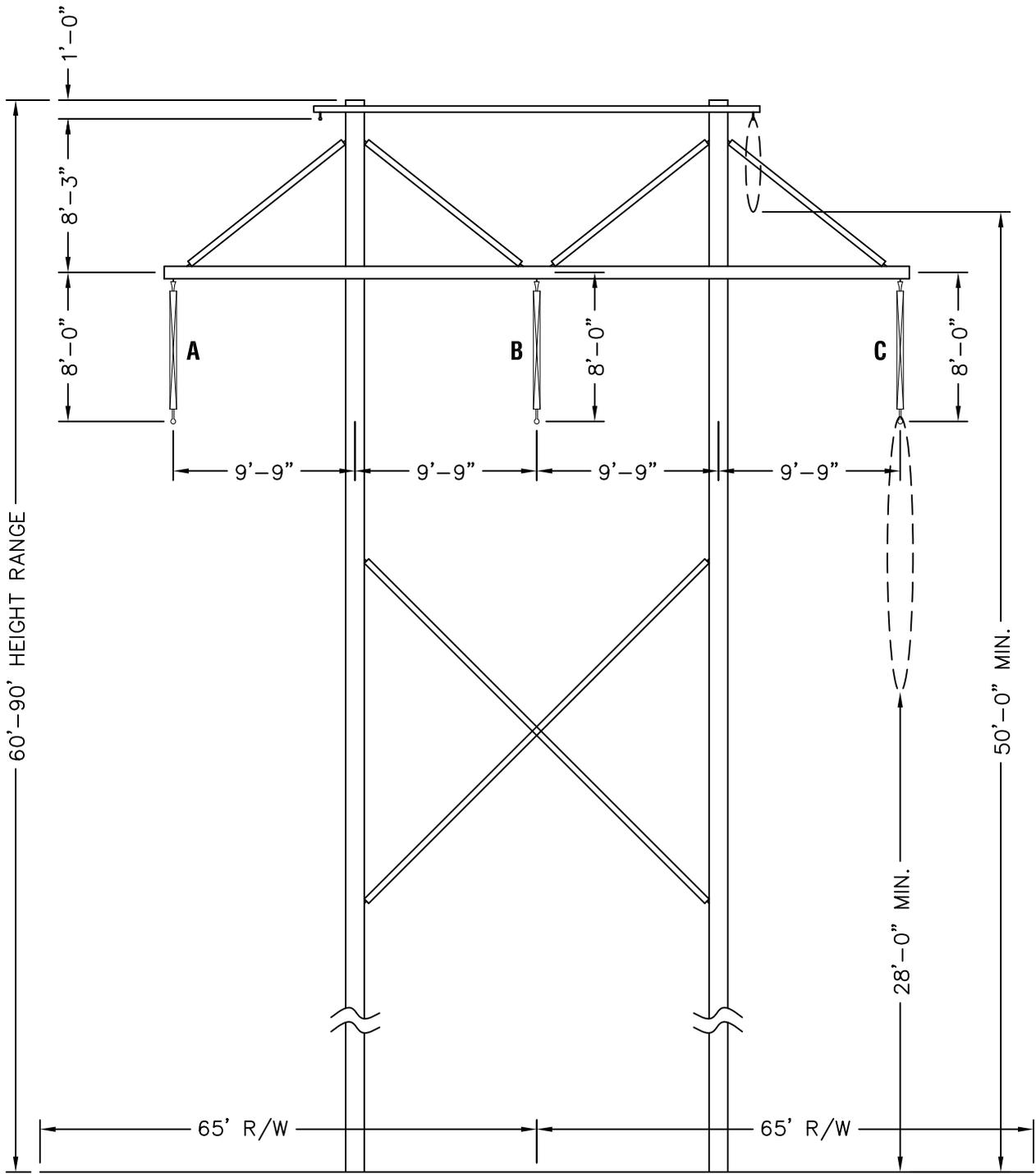
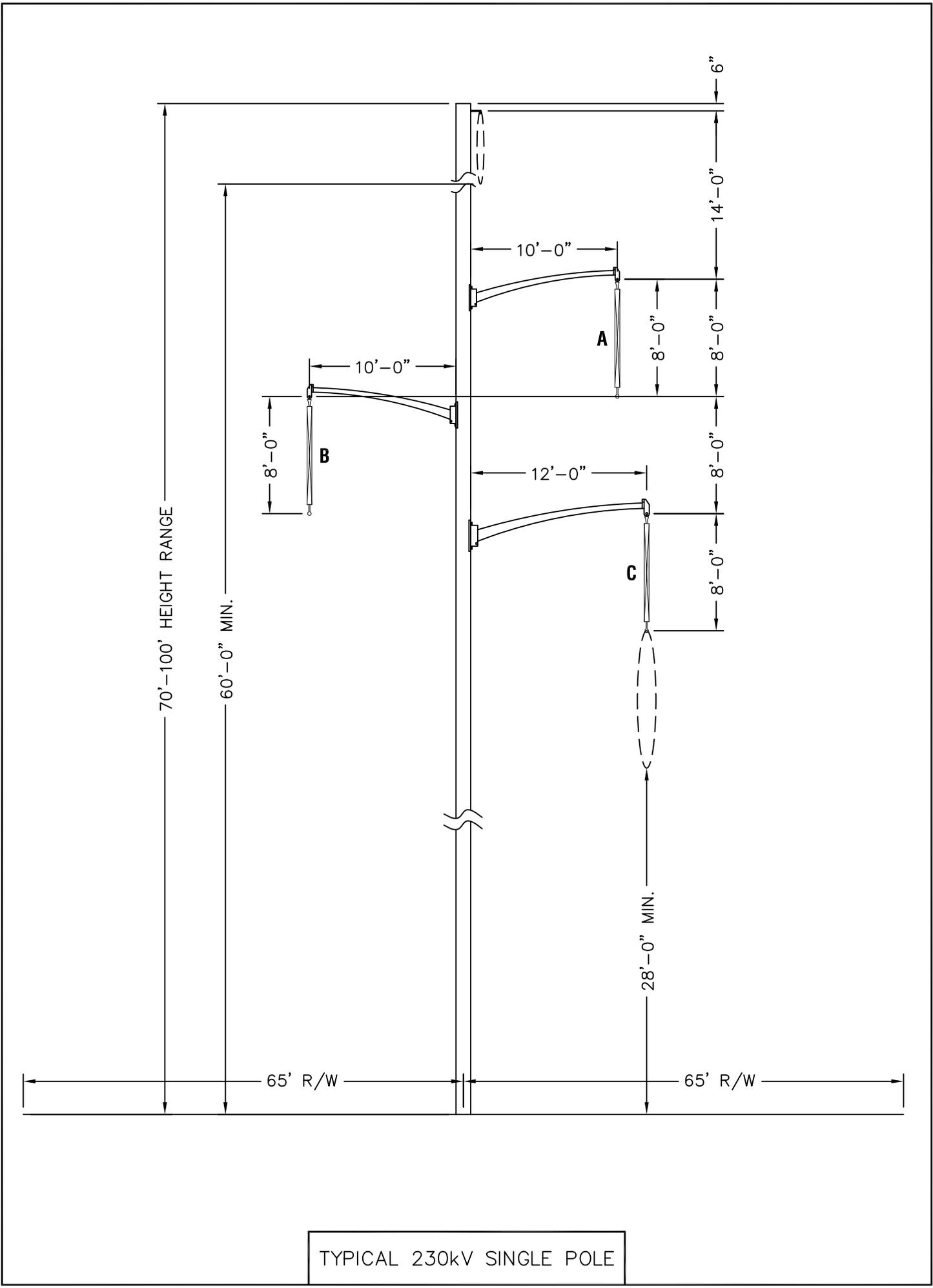


Appendix C

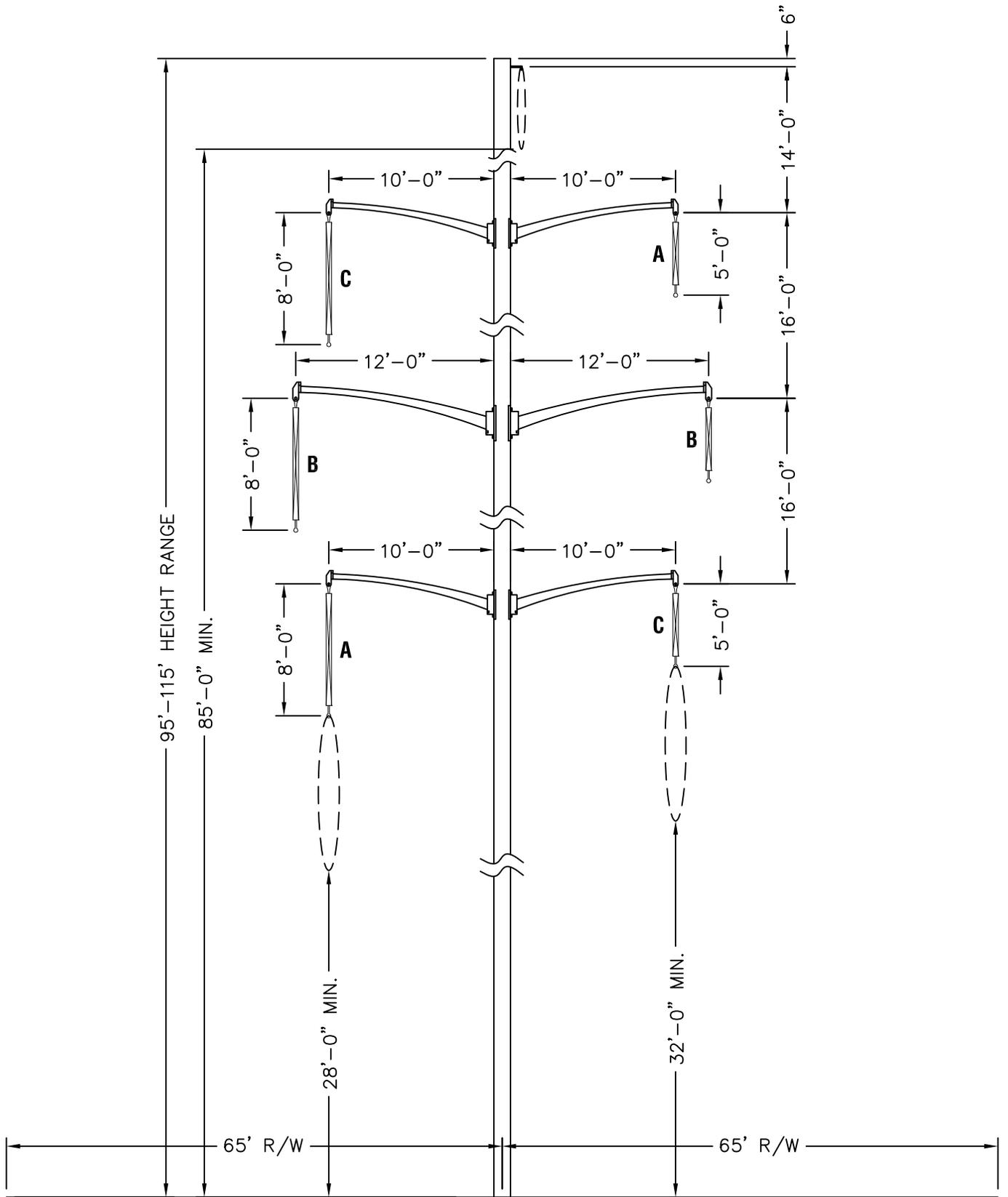
Typical Structure Figures



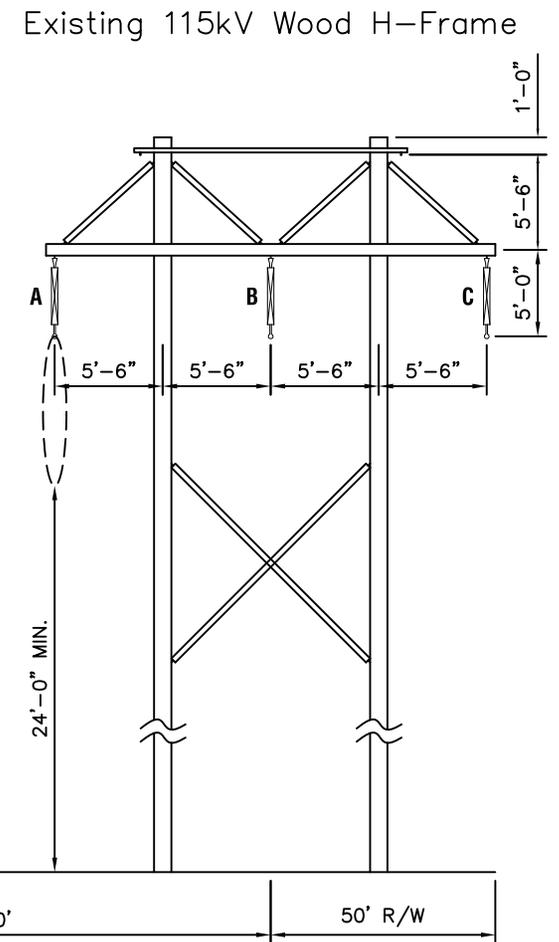
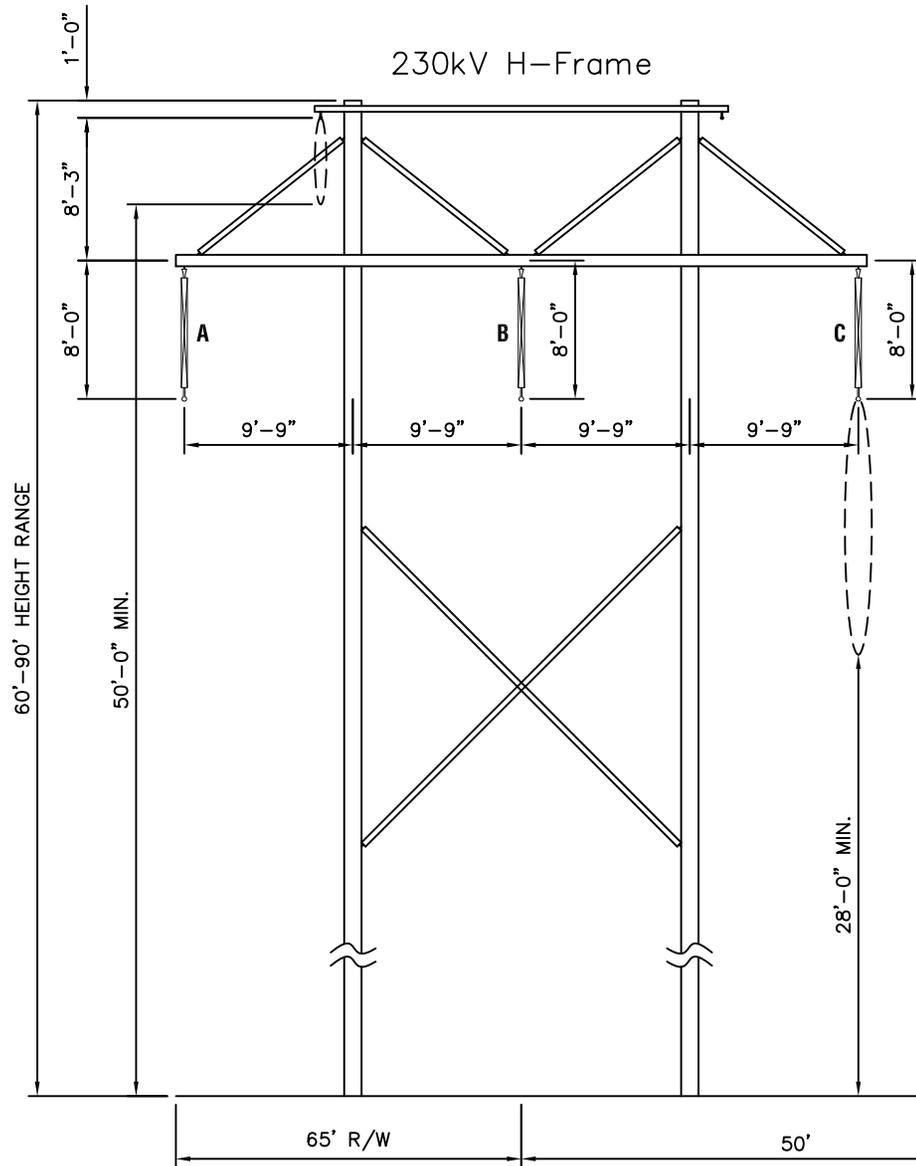
TYPICAL 230kV H-FRAME



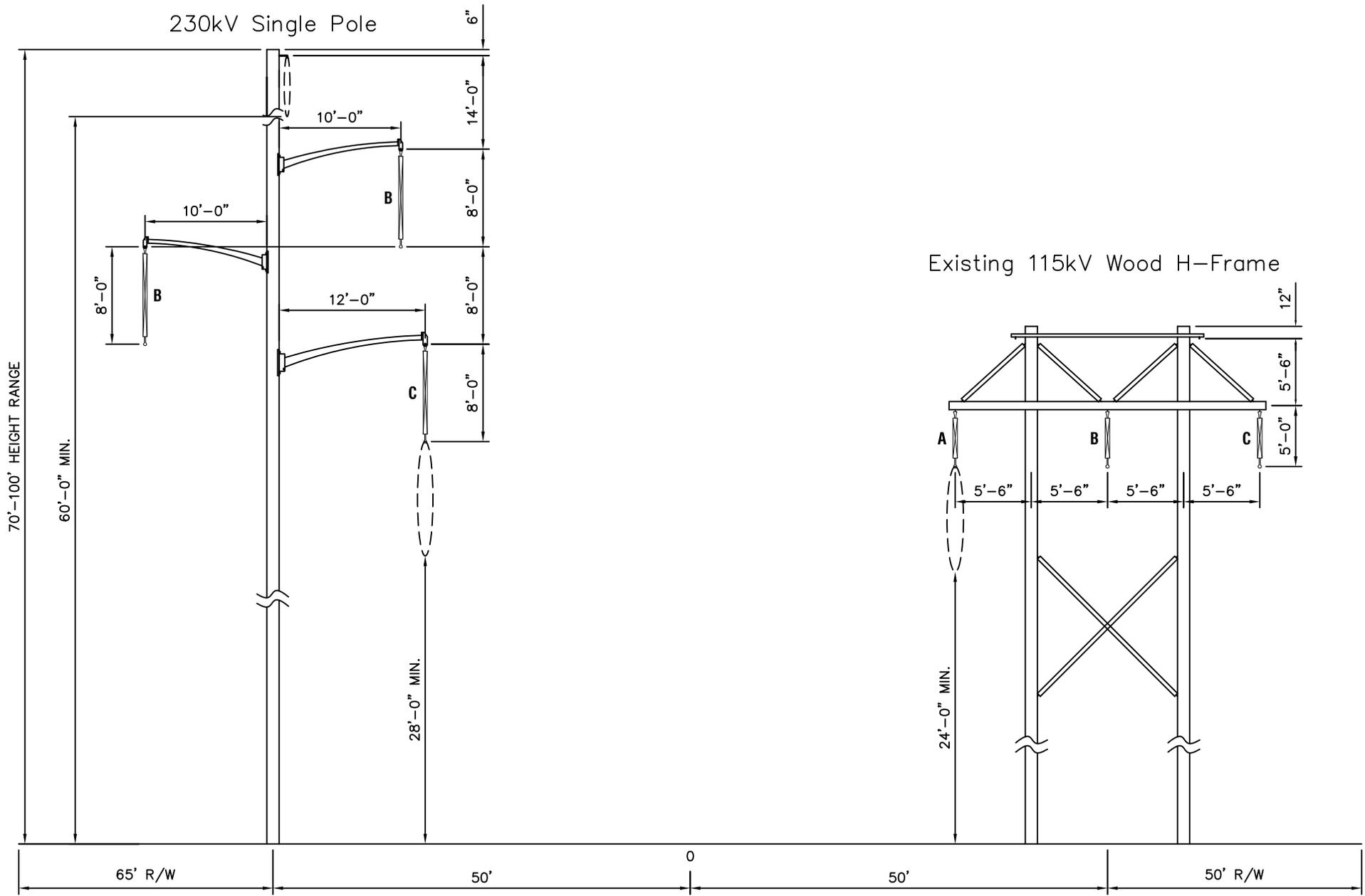
TYPICAL 230kV SINGLE POLE



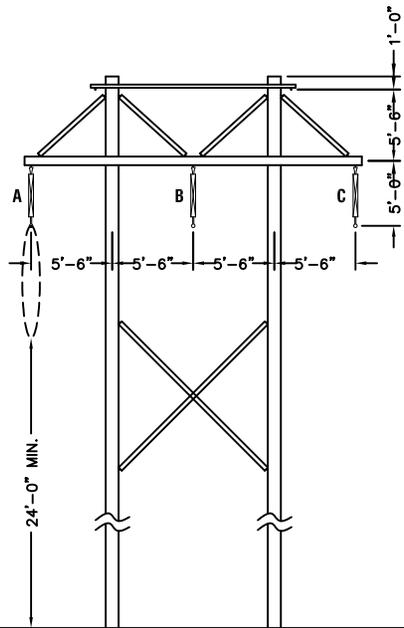
TYPICAL 230/115kV SINGLE POLE DOUBLE CIRCUIT



TYPICAL 230kV H-FRAME on SHARED RIGHT-OF-WAY with EXISTING 115kV H-FRAME

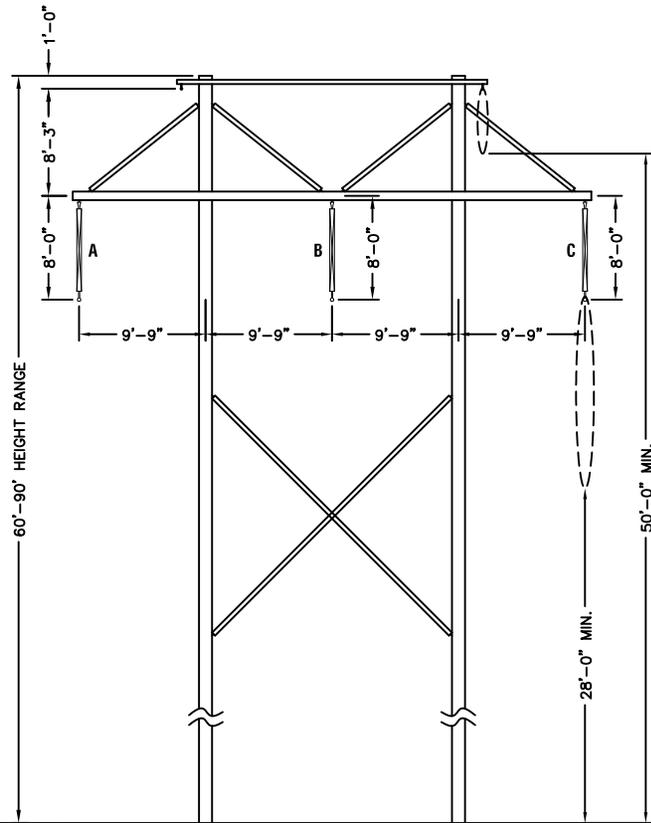


TYPICAL 230kV SINGLE POLE on SHARED RIGHT-OF-WAY with EXISTING 115kV H-FRAME



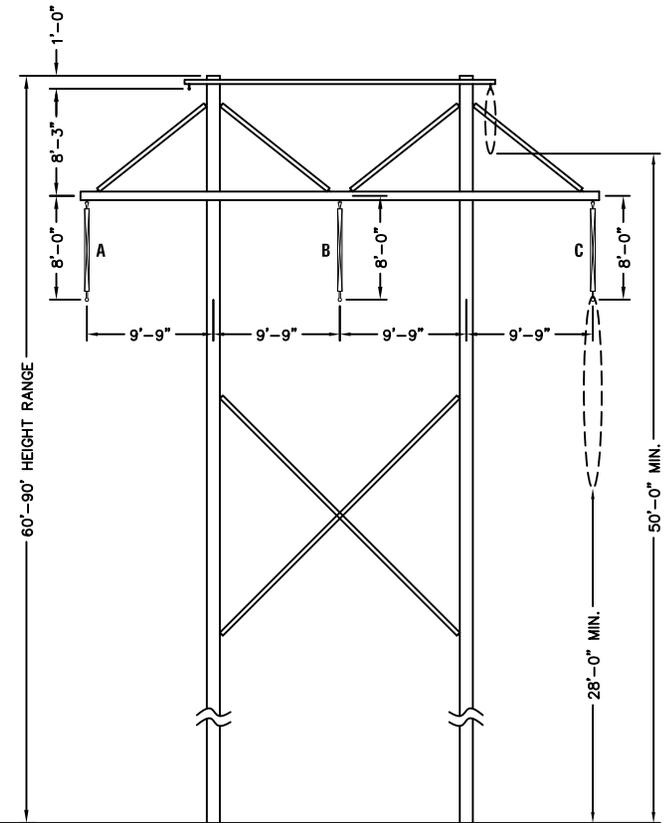
115kV at Conductor Thermal Limit

Current (amps) = 914
 Conductor = 636 ACSR



230kV at Conductor Thermal Limit

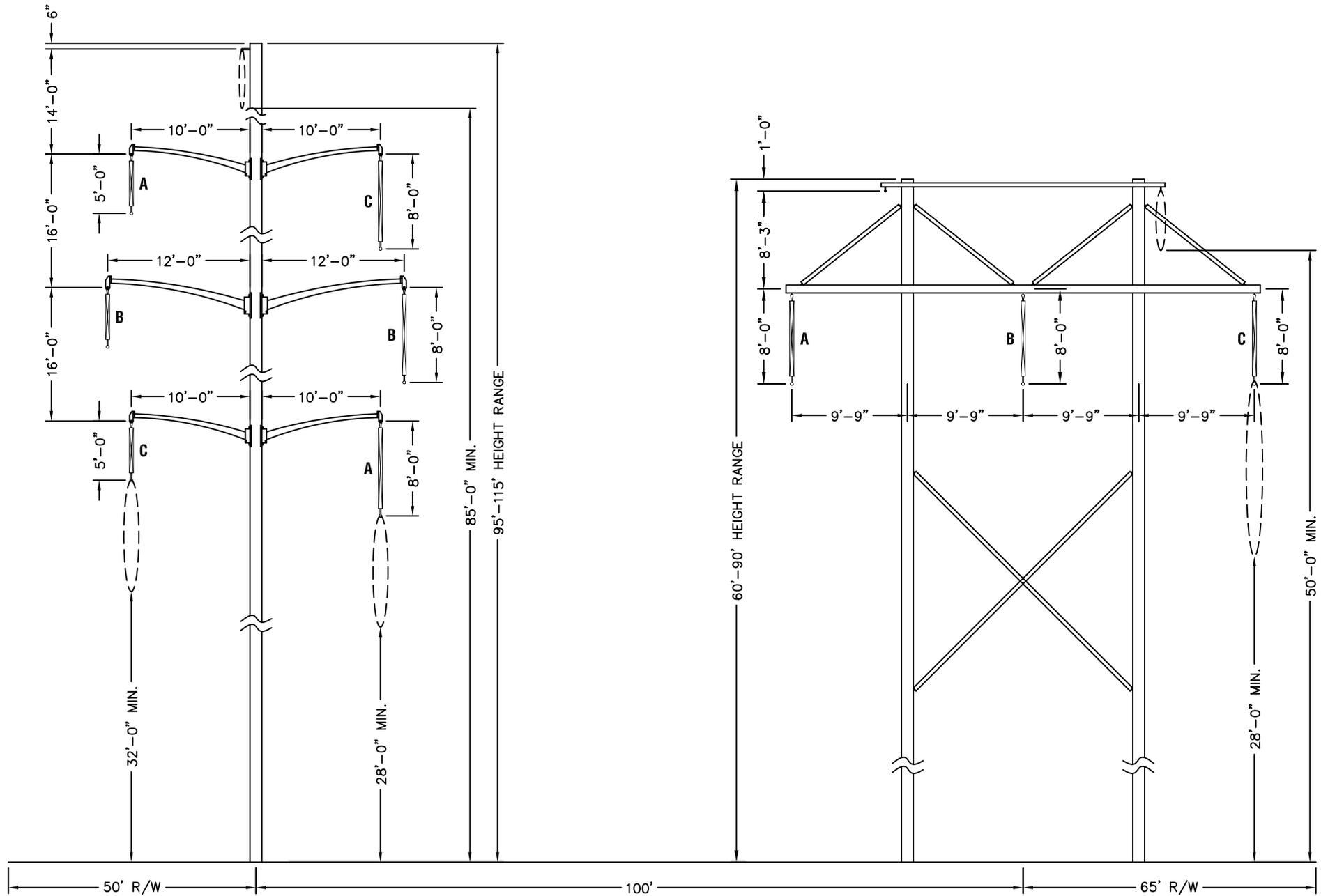
Current (amps) = 1180
 Conductor = 954 ACSR



230kV at Conductor Thermal Limit

Current (amps) = 1587
 Conductor = 1590 ACSR

ROUTE 3A
 PARALLEL 230kV H-FRAMES on SHARED
 RIGHT-OF-WAY with EXISTING 115kV H-FRAME



115kV at Conductor Thermal Limit

Current (amps) = 914
 Conductor = 636 ACSR

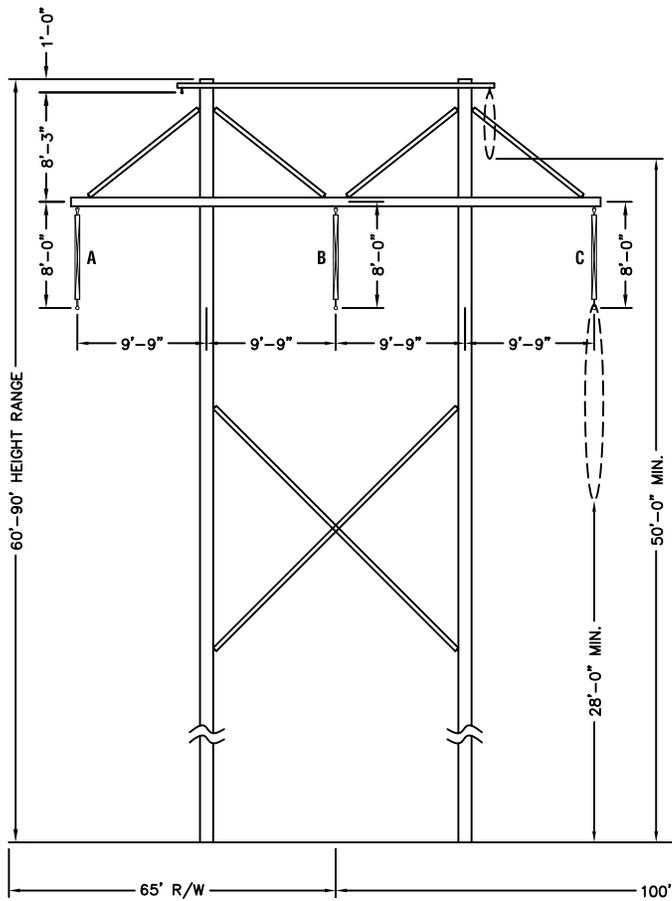
230kV at Conductor Thermal Limit

Current (amps) = 1180
 Conductor = 954 ACSR

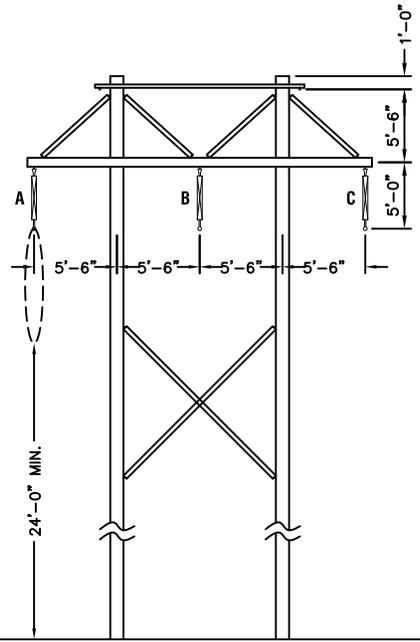
230kV at Conductor Thermal Limit

Current (amps) = 1587
 Conductor = 1590 ACSR

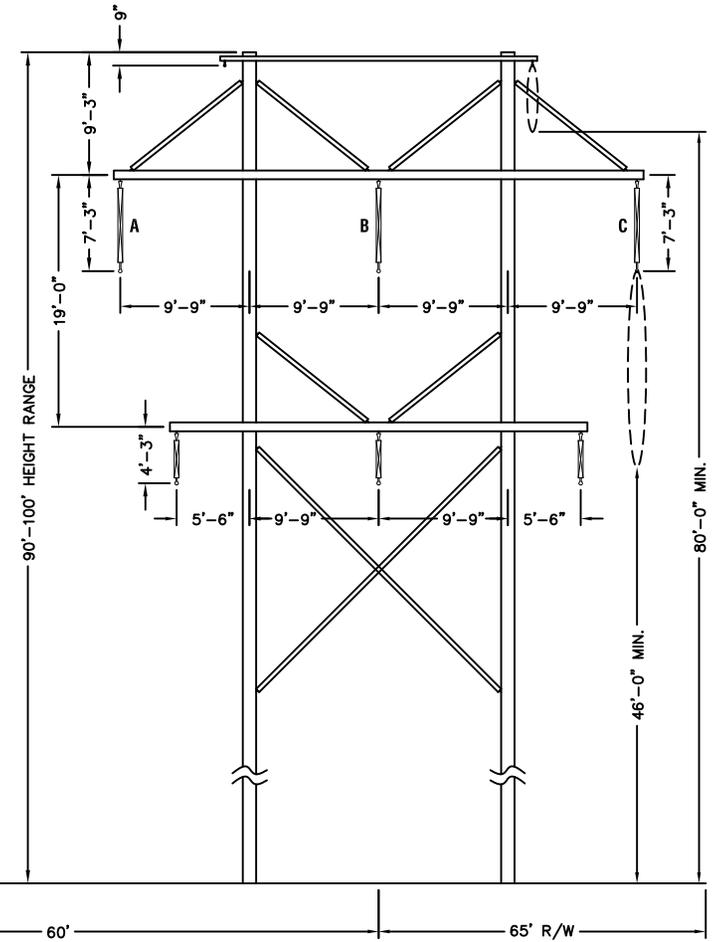
ROUTE 3A
 PARALLEL 230/115kV SINGLE POLE DOUBLE CIRCUIT and 230kV H-FRAME



230kV at Conductor Thermal Limit
 Current (amps) = 1180
 Conductor = 954 ACSR

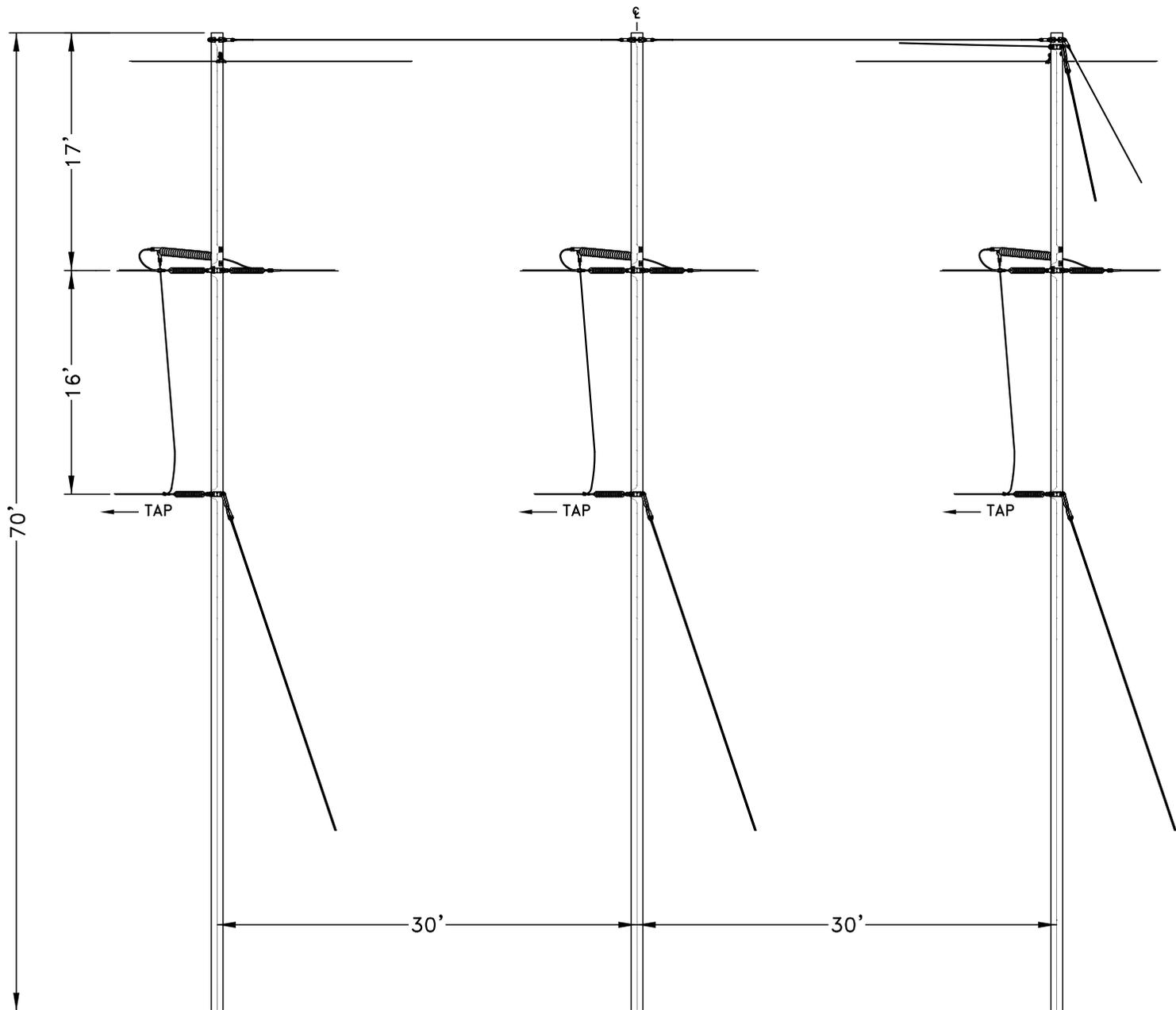
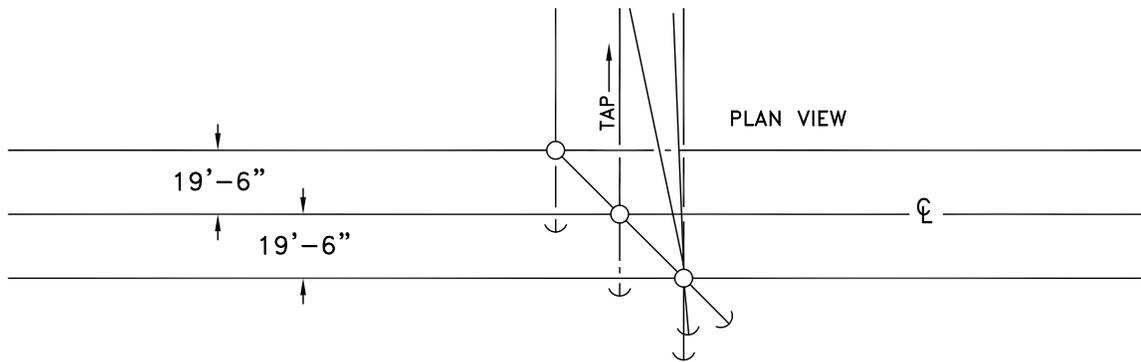


115kV at Conductor Thermal Limit
 Current (amps) = 914
 Conductor = 636 ACSR



230/115kV at Conductor Thermal Limit
 Current (amps) = 1587
 Conductor = 1590 ACSR

ROUTE 3A
 TYPICAL 230kV H-FRAME on SHARED RIGHT-OF-WAY
 with EXISTING 115kV and 230/115kV H-FRAMES



TYPICAL 230kV TAP STRUCTURE