

# CONSTRUCTION GUIDELINE

## UNDERGROUND SECONDARY CABLE – TRAINING & RACKING STANDARD PHASING DETAIL

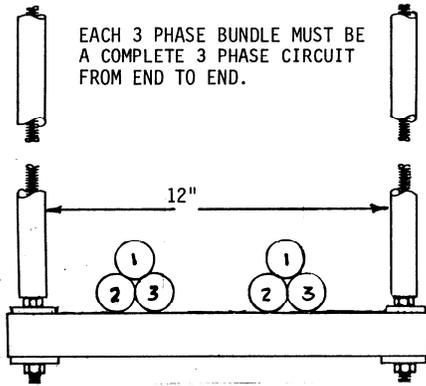


FIGURE 1  
2 CONDUCTORS PER PHASE

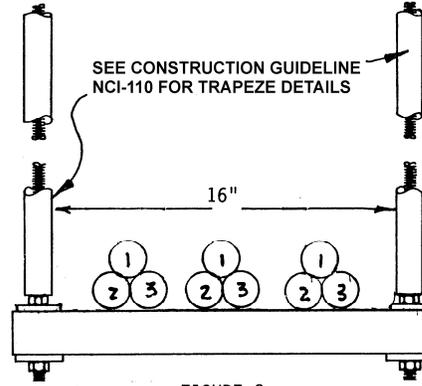


FIGURE 2  
3 CONDUCTORS PER PHASE

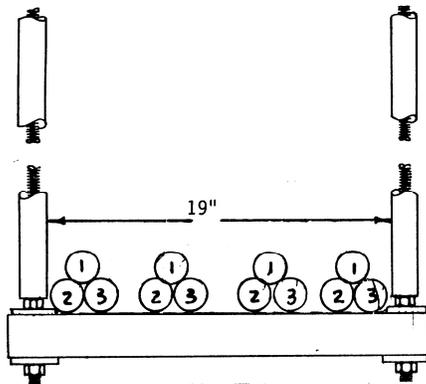


FIGURE 3  
4 CONDUCTORS PER PHASE

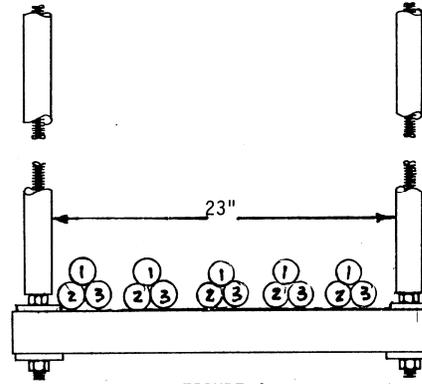


FIGURE 4  
5 CONDUCTORS PER PHASE

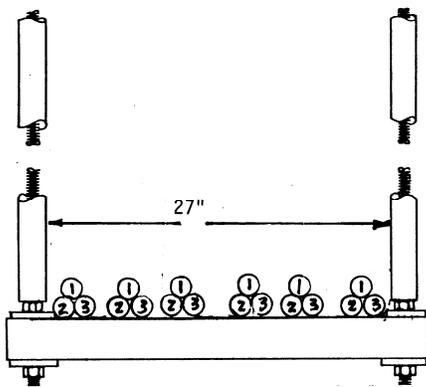


FIGURE 5  
6 CONDUCTORS PER PHASE

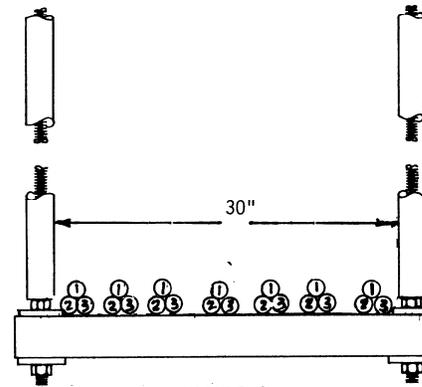


FIGURE 6  
7 CONDUCTORS PER PHASE

ORIGINATOR

*Jim S. Horn*

STANDARDS COORDINATOR

*Charles L. Shaffer*

STANDARDS SUPERVISOR

*John Skinner*

UNIT DIRECTOR

*Betty Robin*

# CONSTRUCTION GUIDELINE

## UNDERGROUND SECONDARY CABLE – TRAINING & RACKING SECONDARY CABLE SUPPORT, WALL MOUNTED – VERTICAL RUN

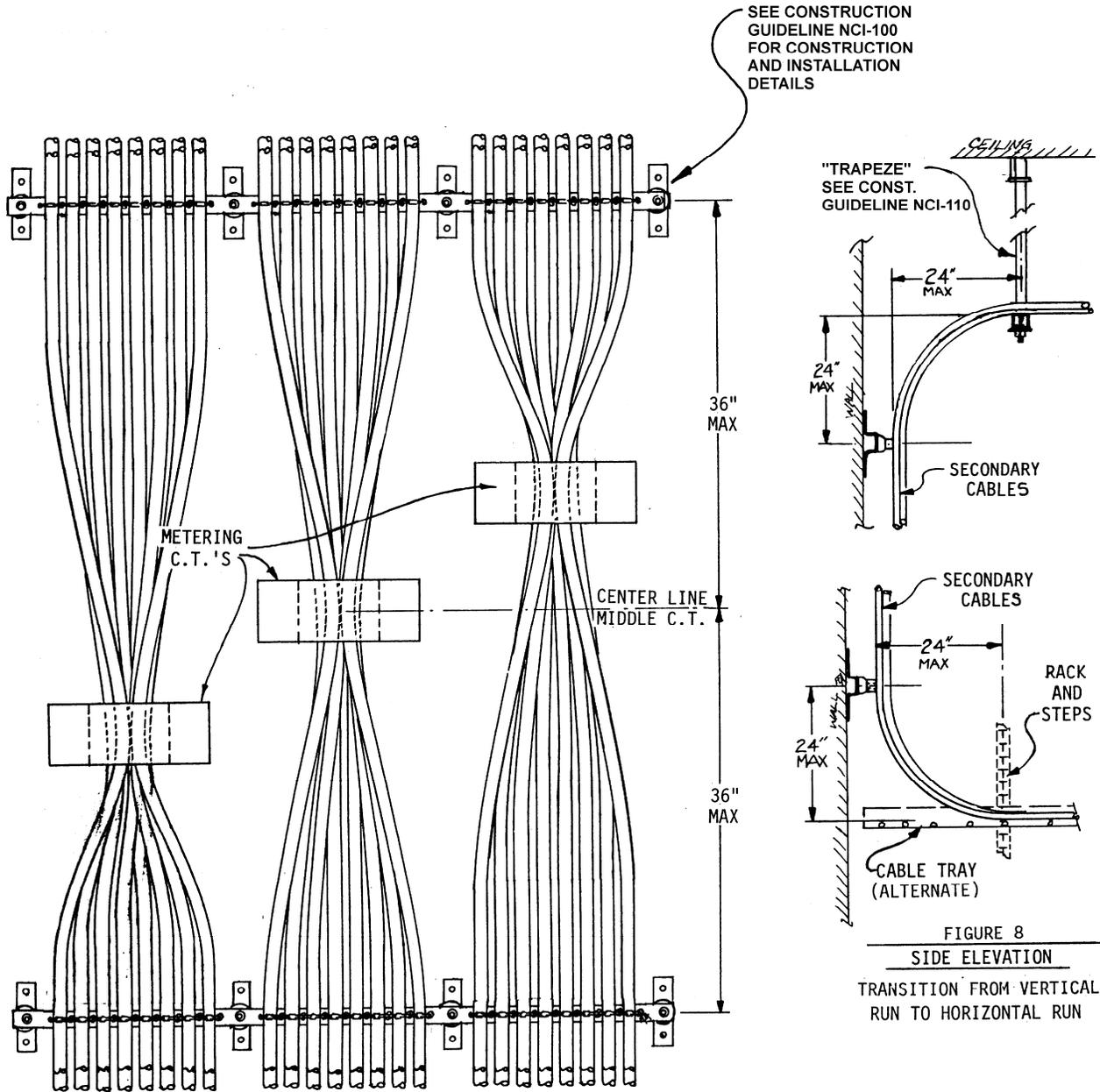


FIGURE 7

SEE CONSTRUCTION GUIDELINE NCI-100 FOR CONSTRUCTION AND INSTALLATION DETAILS

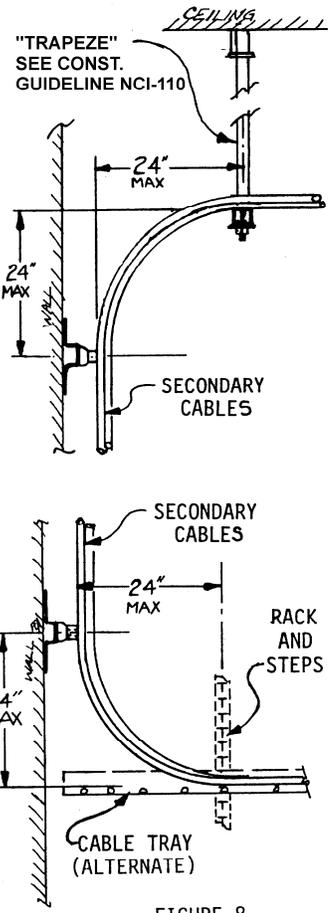


FIGURE 8  
 SIDE ELEVATION  
 TRANSITION FROM VERTICAL RUN TO HORIZONTAL RUN

**NOTES:**

Refer to vault drawing for the number and size of conductors to be installed, C.T. information, service entrance details and general cable routing.

**METERING CURRENT TRANSFORMERS:**

When metering current transformers (C.T.s) are installed inside the vault, the individual phase conductors MUST be bundled together into a cylindrical bundle, fed through the C.T.s and then reshaped as before. No more than 10 feet, each side of the C.T.s, should be used for the transition area.