DUAL REDUNDANT 1 GIGABIT ETHERNET FIBER OPTIC RINGS

COMMUNICATION EQUIPMENT ROOM (CEM)

DISTRIBUTION CABINET #1

DISTRIBUTION CABINET #2

CALTRAIN STATION LAN
1 PLATFORM SUBSYSTEM DEVICES

NOTES:

1. PHYSICAL SINGLE-MODE FIBER OPTIC RING IS WISE AND DISTRIBUTION SWITCH LOCATIONS

2. MESH BOX CABLES SUPPLEMENT CABLE BETWEEN DISTRIBUTION SWITCH AND EACH SUBSYSTEM DEVICE (STAR TOPOLOGY)

3. PRODUCT AVAILABILITY MAY ALLOW PRS RING TOPOLOGY BETWEEN MULTIPLE SUBSYSTEM DEVICES TO IMPROVE NETWORK RELIABILITY (FUTURE)

4. TWO 1 GB NETWORK SWITCHES ARE USED PER DISTRIBUTION CABLE FOR REDUNDANCY

5. ACTUAL QUANTITY OF SUBSYSTEM DEVICES DEPENDS ON SPECIFIC STATION LOCATION AND DESIGN

6. SOME CALTRAIN STATIONS MAY STILL UTILIZE OUTSIDE STATION COMMUNICATIONS CABINETS (SCS) ALSO REFERRED TO AS COMMUNICATIONS INTERFACE CABINETS (CIC). ALL SCS/CICS WILL BE PHASED OUT AND REPLACED BY DEVICES IN THESE DRAWINGS. SCS/CICs ARE OMITTED AND DEVICES REPLACED INSTEAD.