



- 10/100 MB (CAT 6 WITH PoE)
- 10/100 MB (CAT 6)
- 1 GB SM FIBER
- DEV ... DEV MULTIPLE DEVICES

DUAL REDUNDANT 1 GIGABIT ETHERNET  
FIBER OPTIC RINGS

DISTRIBUTION  
CABINET #1

DISTRIBUTION  
CABINET #2

TVM ... TVM VMS ... VMS

IP Camera IP Camera

TVM ... TVM VMS ... VMS

IP Camera IP Camera

CALTRAIN STATION LAN  
1-PLATFORM SUBSYSTEM DEVICES

**NOTES:**

1. PHYSICAL SINGLE-MODE FIBER OPTIC RING TIES MAIN AND DISTRIBUTION SWITCH LOCATIONS
2. HOME RUN CAT.6 COPPER CABLE BETWEEN DISTRIBUTION SWITCH AND EACH SUBSYSTEM DEVICE (STAR TOPOLOGY)
3. PRODUCT AVAILABILITY MAY ALLOW FIBER RING TOPOLOGY BETWEEN MULTIPLE SUBSYSTEM DEVICES FOR IMPROVED NETWORK RELIABILITY (FUTURE)
4. TWO 1 GB NETWORK SWITCHES ARE USED PER DISTRIBUTION CABINET FOR REDUNDANCY
5. ACTUAL QUANTITY OF SUBSYSTEM DEVICES DEPEND ON SPECIFIC STATION LOCATION AND DESIGN
6. SOME CALTRAIN STATIONS MAY STILL UTILIZE OUTDOOR STATION COMMUNICATIONS CABINETS (SCC), ALSO REFERRED TO AS COMMUNICATIONS INTERFACE CABINETS (CIC). ALL SCC'S/CIC'S WILL BE PHASED OUT AND REPLACED BY CERS. IN THESE DRAWINGS, SCC'S/CIC'S ARE OMITTED AND CER'S USED INSTEAD

REV	DATE	BY	CHK	APP	DESCRIPTION

**PENINSULA CORRIDOR JOINT POWERS BOARD**

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STANDARD DRAWINGS		CADD FILE NO.:
REV	DATE	SD-4101
0	093011	
STATION COMMMS		
STANDARD NO.:		SD-4101

**STATION COMMUNICATIONS  
OVERALL SYSTEM DESCRIPTIONS  
1-PLATFORM STATION LAN  
LOGICAL TOPOLOGY**