

NETWORK BAYS

R8R SERIES (SEISMIC ZONE 2)

R7R SERIES (SEISMIC ZONE 4)

- **PHYSICAL DESCRIPTION**

7' Environment: All 7' Network Bay configurations contain a welded steel frame structural component. The welded frame consists of a 26" or 22" wide x 10" deep base, two 5" deep x 84" high unequal flange uprights and a top channel. There is a 4" high guard box located either on the closed duct side of the uprights (large flange) or the open duct side (small flange). Both flanges of the uprights are drilled and tapped for either 1.75" (1.25 - .50 ctrs) or 2" (1" ctrs) mounting patterns. The floor mounting holes in the base meet the requirements of NEBS GR-63. Standard finishes are Telco Gray, Network Blue or Off-White.

26" wide bays are nominally referred to as 23" bays.

22" wide bays are nominally referred to as 19" bays.

9' & 11'-6" Environments: The preferred way to achieve heights above 7' is to use the 7' bay described above with a bay extender of sufficient height to obtain the desired height. The greater heights may also be achieved by using one piece welded frames. Using either method, the top will consist of a 3" top channel and a 2" top angle, which must be supported by the overhead framing grid.

Foot Print Depths: Rear Guard Rail Kits and Front Guard Box Extensions are added to the welded 10" deep frame for building out to the required foot print depths, which the equipment being mounted requires for protection. (See page 5-02) The most common bay configurations are diagrammed on the following pages.

- **NEBS EARTHQUAKE & VIBRATION CERTIFICATION - (23" BAYS ONLY)**

R8R Series Bay: Our 7' Network Bays have been tested and certified to NEBS GR-63 Level 2 (seismic zones 0-2) requirements. The bays were tested for an equally distributed equipment load of 500 pounds.

R7R Series Bay: Our 7' Seismic Network Bays have been tested and certified to NEBS GR-63 Level 3 (seismic zones 3 & 4) requirements. The bays were tested for an equally distributed equipment load of 500 pounds.

R7R Series Bay Extenders: Our 7' Seismic Network Bay Extenders have been tested and certified to NEBS GR-63 Level 3 (seismic zones 3 & 4) requirements. The empty extender was mounted on top of a 7' R7R bay, which contained an equally distributed equipment load of 500 pounds. The bay extender is manufactured so that NO equipment can be mounted in it.

