

SECTION 7 DETAILS OF BRACED COMPONENTS

SEISMIC WIRE ROPE/CABLE™ ASSEMBLIES FOR BRACES

Cable Assembly to Structure per Sections 3 & 4 (Typ.)

Cable Connection to Component per Detail "D" on Page 7-4

(2) 2½" 12 Gage Sheet Metal Straps

45° (± 5°)

Duct

Hanger Rod w/ Rod Stiffener per Section 5

NOTES:

1. Install cable assemblies with a minimum angle of the cable from the vertical plane per Section 3 & 4 Selection Tables.
2. Anchorage of the cable assemblies to the structure to be per Section 3 & 4 Selection Tables.
3. Tighten cables only to remove excessive slack.
4. After tightening cables to remove excessive slack on vibration isolated components, loosen each cable 1/4" at oval sleeves before crimping.

PLAN VIEW

Hanger Rod w/ Rod Stiffener per Section 5

Minimum Brace Angle per Tables in Section 3

Cable Assembly to Structure per Sections 3 & 4 (Typ.)

No. 10 Self-Tapping Sheet Metal Screws (max. 12" o.c.)

(2) 2½" 12 Gage Sheet Metal Straps

Duct

END VIEW

(only the two cables in foreground shown for clarity)

4-WAY SWAY BRACE DETAIL FOR ROUND DUCTS

A P P R O V E D
Fixed Equipment Anchorage
Office of Statewide Health Planning and Development

OPA-0619 05/01/04

**** Valid for 3 Years Maximum ****



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