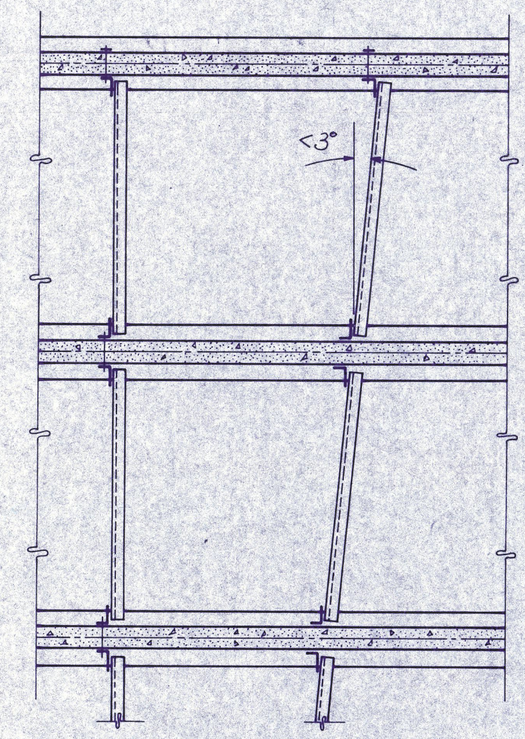
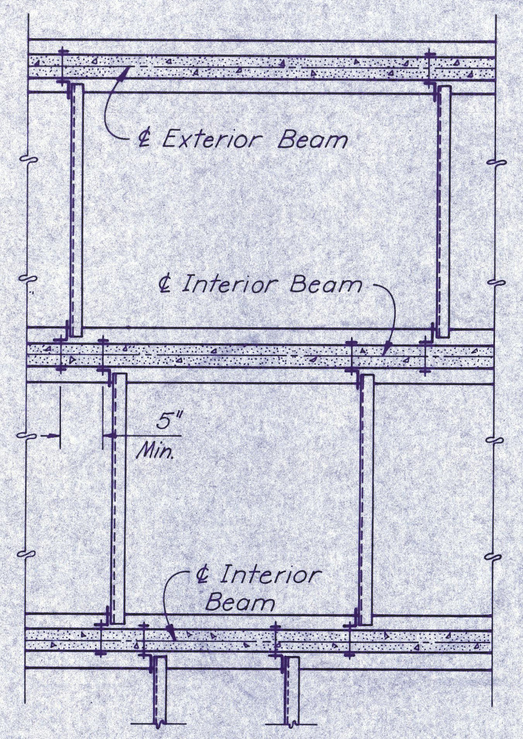
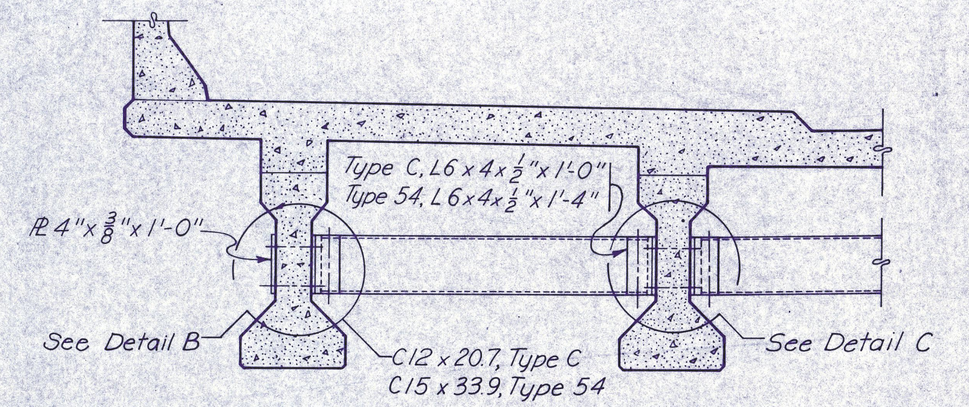


SKEW ANGLE 0°-3°



SKEW ANGLE GREATER THAN 3°

DIAPHRAGM PLAN



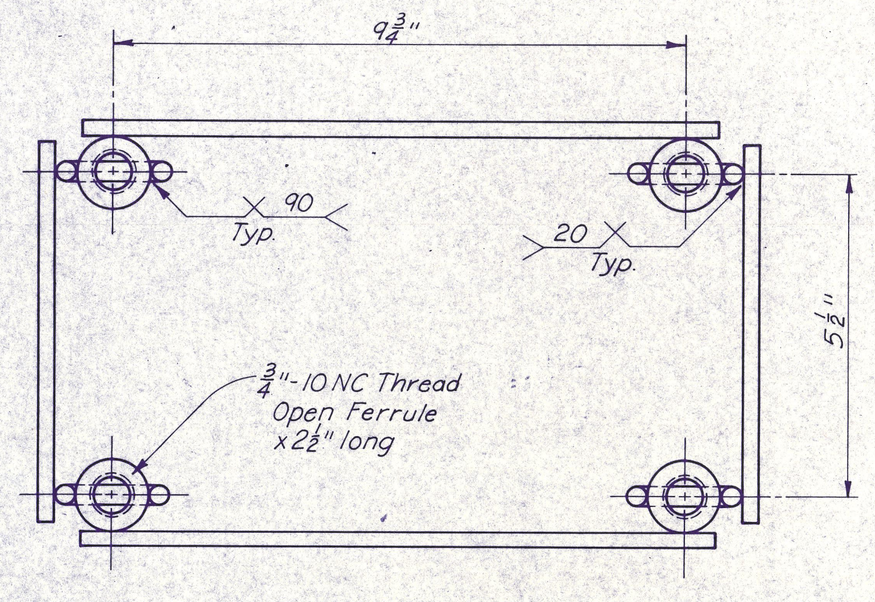
DISCONTINUOUS ASSEMBLY

CONTINUOUS ASSEMBLY

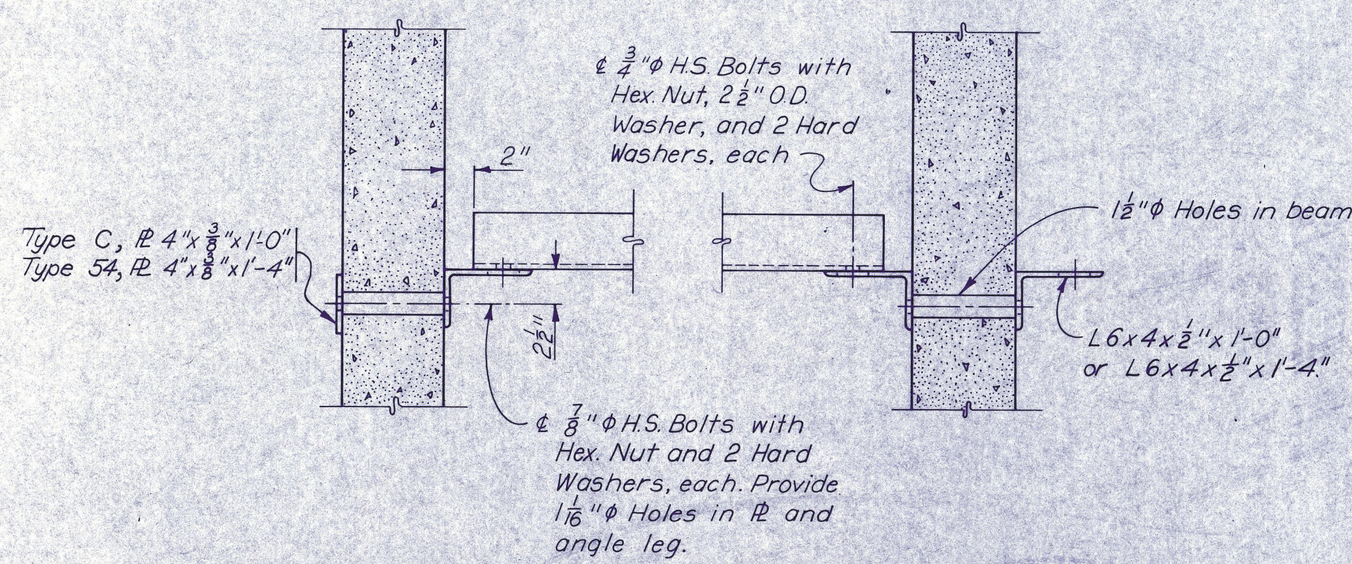
DIAPHRAGM ELEVATION

INTERIOR DIAPHRAGM NOTES:

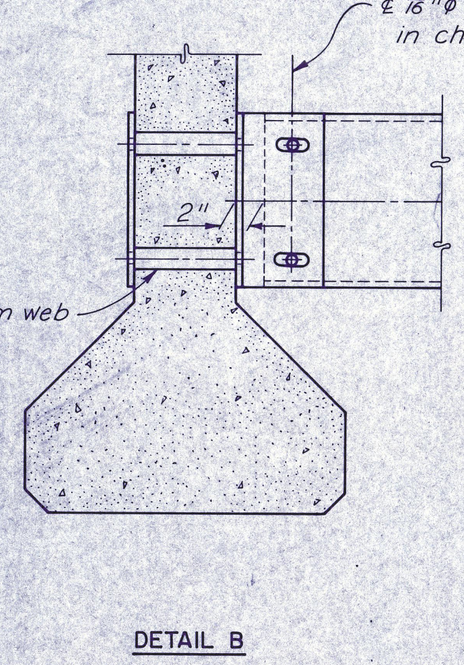
See Slab Plans for location and spacing of interior diaphragms.
All parts of steel diaphragms shall be galvanized after fabrication. After erection, all scratched or otherwise damaged galvanized parts shall be repaired in accordance with Item 450.5.



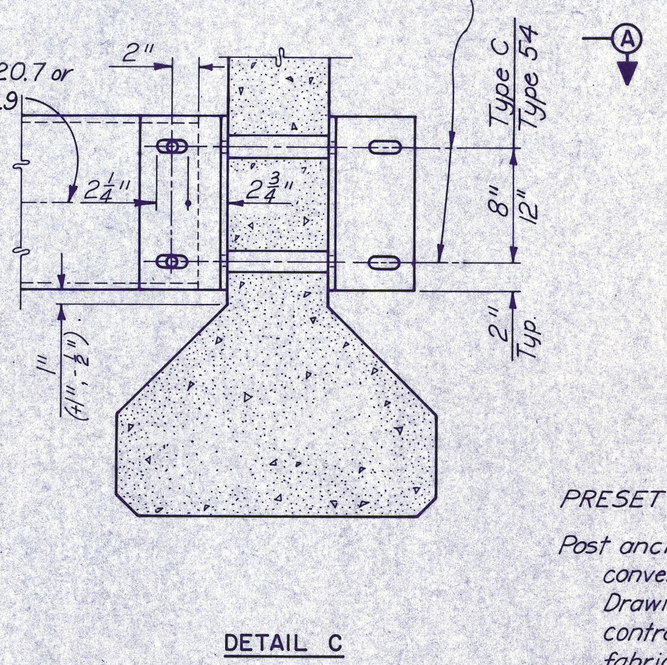
PLAN



SECTION A-A

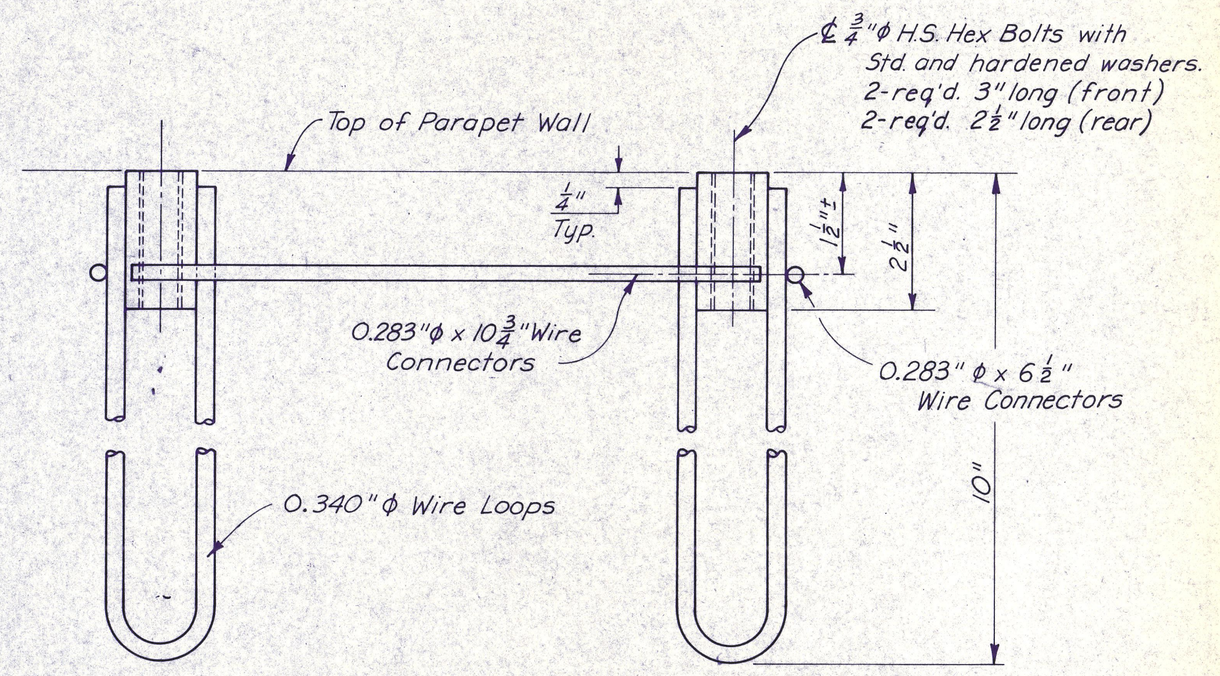


DETAIL B



DETAIL C

INTERIOR DIAPHRAGM DETAILS



ELEVATION

PRESET ANCHORAGE

PRESET ANCHORAGE NOTES:

Post anchorages shown hereon may be used in place of the conventional anchor bolt system shown on Standard Drawing No. 33, at the option of the contractor. If the contractor elects to use the system shown hereon, the fabricator shall so indicate on erection drawings.
Material for the preset anchorage shall be as follows:
Ferrules: Steel ASTM A-108, Grade 12 L 14.
Wire Connectors: Steel ASTM A-510, Grade 1008.
Wire Loops: Steel ASTM A-510, Grade 1030.
Hex Bolts: Steel ASTM A-325.
All bolts and washers shall be galvanized.
Numerals shown on weld symbols indicate the strength of weld in single shear in units of 100 pound per weld.

NO.	REVISION	BY	DATE

TEXAS TURNPIKE AUTHORITY

DALLAS NORTH TOLLWAY

INTERIOR DIAPHRAGM AND PRESET RAIL ANCHORAGE DETAILS

HNTB HOWARD NEEDLES TAMMEN & BERGENDOFF

SECTION VII

DRAWN Ram DATE 3-9-83 DESIGNED THD DATE

CHECKED GDH DATE 3-16-83 SCALE NONE

STANDARD DRAWING NO. 27

CONTRACT NO. DNT-115