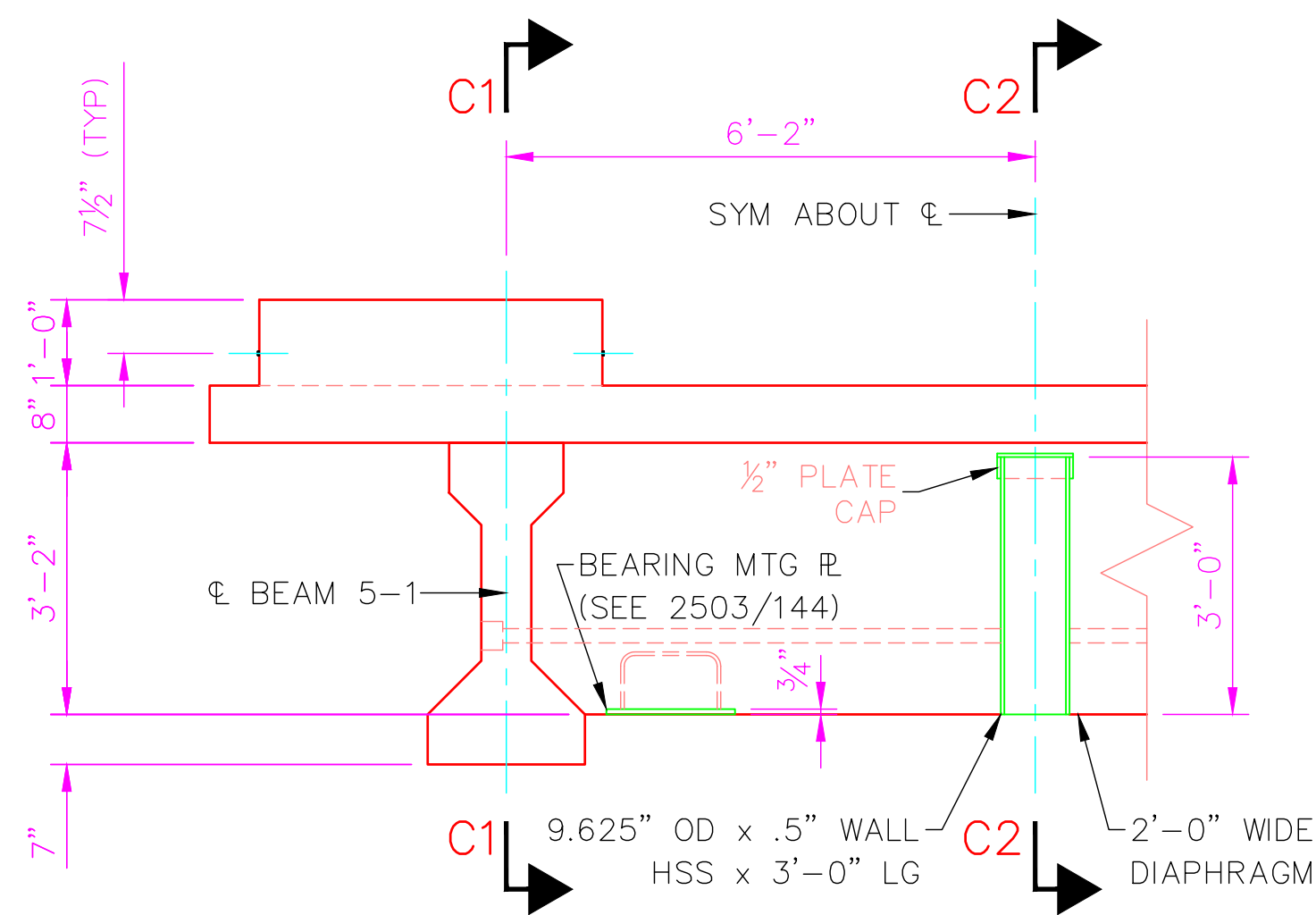


Diagram illustrating the elevation view of a beam-to-column connection. The beam is labeled "BEAM 4-1". The connection is symmetrical about a centerline (CL), indicated by "SYM. ABOUT CL". The total width of the beam is 6'-2". The height of the beam is 3'-2". The connection is supported by two columns, labeled B1 and B2. The distance between the centerlines of the columns is 6'-2". The beam is connected to the columns using bearing stiffeners (B1 and B2) and a bearing stiffener (B2) on the right. The connection is detailed with dimensions: 7 1/2" (TYP) for the top flange thickness, 8'-1'-0" for the total height, 3'-2" for the beam height, 7" for the bottom flange thickness, and 3/4" for the bearing stiffener thickness. The connection is labeled "BEARING MTG PL (SEE 2503/144)". The connection is also labeled "2'-0\"

Two cross-section diagrams of a pier and diaphragm assembly. The left diagram shows a pier with a central vertical axis and two rectangular openings, each 6 inches wide. The right diagram shows a pier with a central vertical axis and two rectangular openings, each 1'-0 inch wide. The pier is 7'-11 inches high. The diaphragm is 2 inches thick and has a 2-inch diameter hole through it. The pier is labeled "PIER NO 4" and the diaphragm is labeled "DIAPHRAGM (TYP 2)".

SECTION B2-B2



Plan view of Pier No. 5. The pier is rectangular with a central vertical axis. The total width is 12 feet, indicated by a dimension line at the top. The width of the central rectangular section is 6 feet, indicated by a dimension line at the top. The width of the side sections is 3 feet each, indicated by a dimension line at the top. The pier is divided into two main sections by a central vertical axis. The left section contains a rectangular area with a dashed border and a central circle with a cross. The right section contains a rectangular area with a dashed border and a central circle with a cross. The pier is labeled "PIER NO. 5" at the bottom right.

Diagram illustrating the elevation view of Pier No. 5, showing dimensions and structural details:

- Overall width: 1'-0" (split into two 9" segments).
- Overall height: 1'-0" (split into two 9" segments).
- Central vertical element (green outline) is 9" wide.
- Two circular openings (2" diameter) are shown, one on each side of the central element.
- Dimension line indicates 2" ϕ THRU DIAPHRAGM (TYP 2).
- Dimension line indicates ϕ OF PIER NO 5.

6'-2"

SYM ABOUT CL

8'-10"

3'-2"

CL BEAM 5-1

1'-6" WID DIAPHRAGM

BEARING MTG PL (SEE DWG RC105)

7 1/2" (TYP)

7"

D1

D2

Elevation view of Pier No. 6. The diagram shows the pier's profile with various dimensions and structural features:

- Overall width: 7"
- Top section width: 4"
- Vertical centerline: ∇ OF PIER NO 6
- Right side width: 5"
- Right vertical centerline: ∇ OF PIER NO 6
- Bottom section width: 6"
- Internal width: 9"
- Internal height: 11"
- Internal width dimension: 1'-6"
- Structural detail: 2" ϕ THRU DIAPHRAGM (indicated by a circle with a dot and an arrow pointing to the pier's interior)

SECTION D2-D2

$\frac{3}{4}$ " $\varnothing$ GALV U-BOLTS W/ $2\frac{1}{2}$ " NC
 THREAD, MIN 9" EMBEDMENT,
 PROJECT $\frac{9}{4}$ " (TYP 2)

1" 1'-6" 1'-6" 1'-0" PROJECT $\frac{9}{4}$ "

E OF PIER NO 3

[illegible]

CURB SHOWN IN THE MAXIMUM
TRACK SEPARATION POSITION

DRAWING TITLE:	SWITCH SUPERSTRUCTURE DETAILS #2
	DRAWING NO: RC103 OF