

[illegible]

NO 3

1'-6" 1'-6" 1"

7" 11"

2"Ø THRU DIAPHRAGM

4 1/2" 4 1/2" 3 3/4"

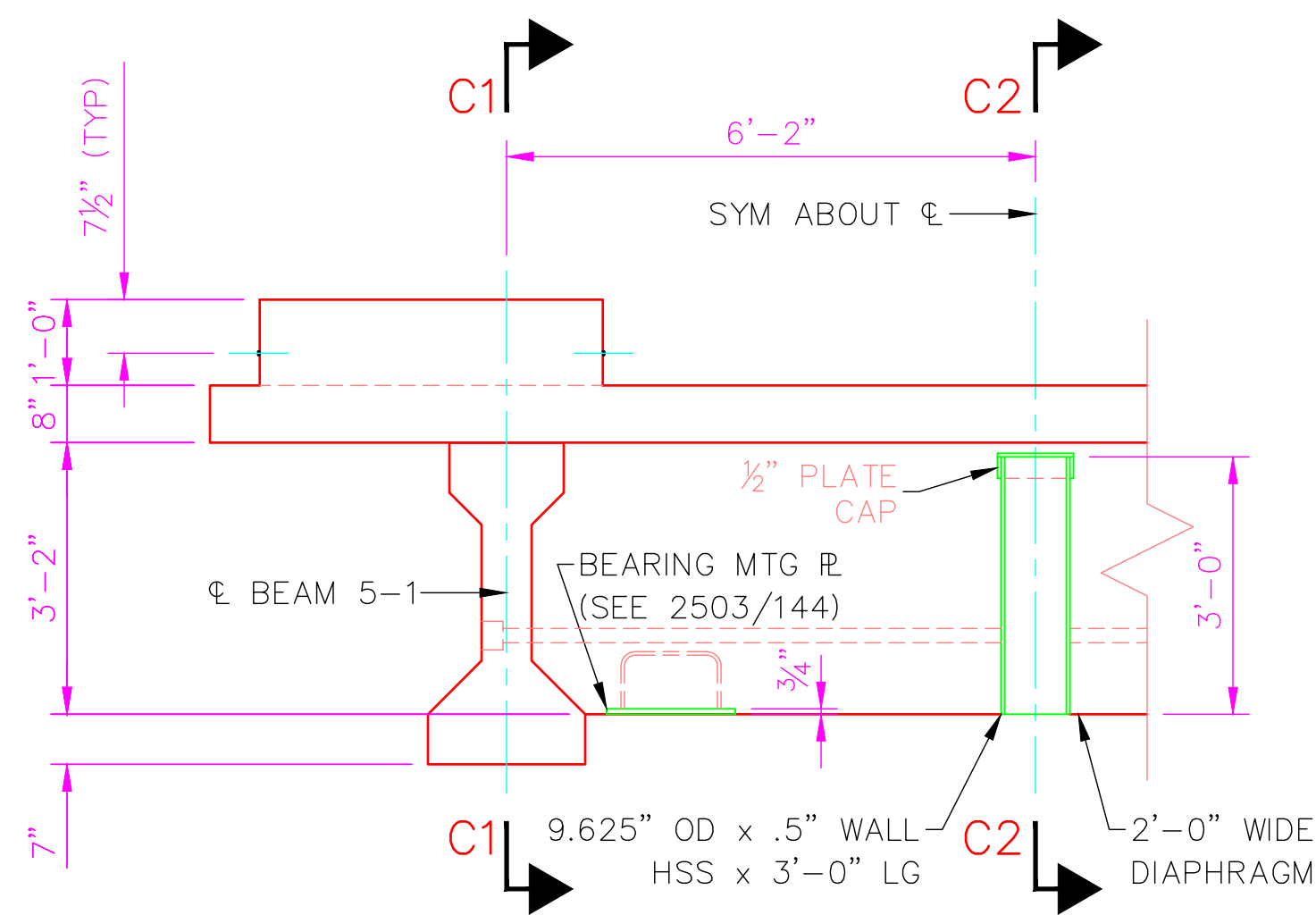
9 1/2" 2'-0"

Elevation view of a beam-to-column connection. The diagram shows a red I-beam connected to a column. Key dimensions include:

- Beam Depth:** 8'-1-0"
- Column Diameter:** 7"
- Top Flange Thickness:** 7 1/2" (TYP)
- Clearance from Column Centerline to End of Top Flange:** 6'-2"
- Centerline Offset:** SYM. ABOUT CL
- Bottom Flange Thickness:** 3'-2"
- End Distance from Column Face:** 7"
- Diaphragm Width:** 2'-0" WIDE DIAPHRAGM
- Bearing Stiffness:** BEARING MTG PL (SEE 2503/144) with a thickness of 3/4"

The connection is labeled B1 at the left end and B2 at the right end.

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 opening is 6 feet, indicated by a dimension line at the top. The width of the side sections is 3 feet each, indicated by dimension lines at the top. The pier is divided into two main sections by a central vertical axis. The left section contains a rectangular opening with a dashed border and a centerline. The right section contains a rectangular opening with a dashed border and a centerline. The pier is labeled "PIER NO. 5" at the bottom right.

Diagram showing the elevation view of Pier No. 5. The pier is a rectangular structure with a central opening. The overall width is 1'-0" (12 inches). The opening width is 9". The pier is supported by a foundation. The diagram includes dimensions for the pier width (1'-0"), the opening width (9"), and the pier height (1'-0"). A note indicates a 2" diameter hole (2"Ø THRU DIAPHRAGM (TYP 2)) is located in the pier wall. The pier is identified as PIER NO. 5.

Elevation drawing of Pier No. 6. The drawing shows two views of the pier structure. Key dimensions and features include:

- Top View Dimensions:**
 - Overall width: 7"
 - Offset from centerline to left edge: 4"
 - Offset from centerline to right edge: 5"
- Side View Dimensions:**
 - Overall height: 9"
 - Offset from centerline to front face: 1'-6"
 - Offset from centerline to back face: 6"
 - Vertical offset between levels: 1'-1"
- Structural Details:**
 - A 2" diameter hole is shown through the diaphragm.
 - The centerline of Pier No. 6 is indicated by dashed blue lines.
 - A small square symbol with a circle inside is located near the bottom left corner of the pier structure.

SECTION D2-D2

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

1" 1'6" 1'6" 9 1/4" PROJECT

E OF PIER NO 3

Diagram illustrating the cross-section of a track curb and girder assembly. The assembly is symmetrical about a vertical centerline (SYM ABOUT C/L).

Key dimensions and components shown:

- Overall width: 4'-0"
- Top width: 3'-6"
- Top flange width: 1'-9" (each side)
- Top flange thickness: 9/16" (TYP)
- Top flange height: 7 1/2" (TYP)
- Track curb height: 8"
- Track curb width: 3'-9"
- Track curb material: TYPE III AASHTO GIRDER (TYP)
- Track curb attachment: 3/8" Ø POWER RAIL ATTACHMENT INSERT (TYP 46 EA SIDE OF CURB AT 4'-0" OC)
- Track curb reinforcement: 3/4" Ø x 21 1/2" GALVANIZED STUD WITH 9/16" NC THREAD (TYP)
- Track curb reinforcement height: 1'-0" HIGH x 4'-0" WIDE TRACK CURB (TYP)
- Track curb reinforcement width: 6'-2"

CURB SHOWN IN THE MAXIMUM
TRACK SEPARATION POSITION

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