

VIEW A-A
PLAN

MIN 18" EM (8 REQ'D)

PROJECT 4"

7'-9"

PROJECT 3 1/2"

1 1/2" GROUT (NOM)

2'-0"

1'-0"

1'-0"

PIER NO 3

2'-3"

2'-0"

4'-3"

9"

1'-3"

1'-0"

SECTION E-E

1'-9"
 3"
 3"
 3"
 3"
 2'-0"
 3/4" ϕ ANCHOR BOLTS
 WITH 4" NC THREAD,
 MIN 18" EMBEDMENT
 (8 REQ'D)

SECTION B-B

Diagram showing the elevation view of the bridge deck. The deck width is indicated as 2'-0" and the total height of the bridge structure is 7'-9". The section line D-D is shown passing through the center of the deck.

Diagram showing the elevation view of the column base plate. The plate is 1'-9" high and 1'-4" wide. It features four 3/4" diameter anchor bolts with 4" NC thread and a minimum 18" embedment. The bolts are spaced 3" apart from the edges and 3" apart from each other. The plate is labeled "VIEW B-B" and "PLAN".

[illegible]

SECTION C-C

SECTION F-F

Diagram showing the elevation view of Pier No. 2. The pier is a rectangular structure with a total height of 7'-9" and a total width of 6'-0". The pier is divided into two main sections by a vertical centerline (CL PIER NO 2). The left section has a width of 1'-0" and the right section has a width of 4'-0". The pier is supported by a foundation with a total width of 6'-0". The foundation has a depth of 1'-3" and a base width of 2'-0". The pier is shown with a concrete finish and a steel reinforcement cage. The pier is labeled "CL PIER NO 2".

[illegible]

The technical drawings illustrate the connection details:

- PLAN:** Shows the top view of the connection. It includes a dimension of 2" for the project length. The connection is shown with a 7 1/2" dimension for the top flange and a 4 1/2" dimension for the bottom flange. The connection is labeled "PLAN".
- SECTION H-H:** Shows a cross-section of the connection. It includes dimensions of 6", 3", 4 1/2", and 3" for the vertical spacing. The connection is labeled "SECTION H-H".

Additional details and notes include:

- Anchor bolts are specified as 3/4" ϕ ANCHOR BOLTS.
- The bolts are to be installed WITH 2" NC THREAD, MIN.
- The bolts are to be installed WITH 18" EMBEDMENT (4 REQ'D).

SECTION H-H

SECTION G-G

SECTION G-G

DRAWING TITLE: STATION DETAILS DRAWING NO: RC102 OF	PROJECT: STATION SUPERSTRUCTURE REINFORCED CONCRETE ENGINEERING DRAWINGS	DRAWN: ABC DESIGNED: CLIENT: DATE: 03/14/22 SCALE: AS SHOWN	ANDY'S BEST CAD 1323 CARLYLE PARK CIRCLE HIGHLANDS RANCH, CO 80129 303-808-3352 WWW.ANDYSBESTCAD.COM		REV:	REVISION DESCRIPTION:	DATE: