FOUR (4) 1"x1³/₄" SLOTS

1'-2"

2¹/₂" 2¹/₂" 1³/₄" 2¹/₄" 2¹/₂" 2¹/₂"

3"
4"
5"
2"
1'-2"

FOUR (4) ¹³/₁₆" DIA. HOLES

½" STEEL PLATE
(GALVANIZED)
BOLTED TO
POSTS Ⓐ Ⓑ AND Ⓒ
BURIED IN BACK SLOPE

1³/₄"
⁷/₈"
1" DIA. HOLE
⁷/₈"
1³/₄"

SQUARE WASHER
(3/16" THICK GALVANIZED)

W-BEAM
½" STEEL PLATE
POST

PLAN VIEW

Ⅎ POST
7⁷/₈"
6¹/₈"
½" STEEL PLATE

W-BEAM
OFFSET BRACKET HOLES

W6X8.5 (OR W6X9) POST
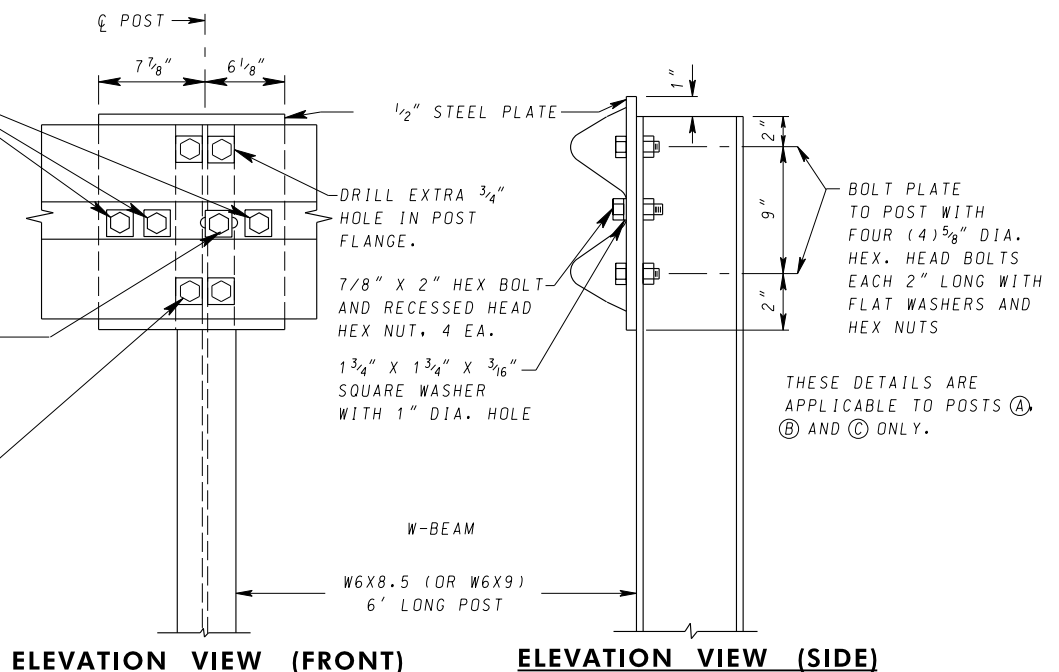6'-0" LONG

½" STEEL PLATE ATTACHED TO POSTS Ⓐ, Ⓑ AND Ⓒ

NOTES

1. THE ½" STEEL PLATE SHALL CONFORM TO THE REQUIREMENTS OF A-36. THE PLATE SHALL BE BOLTED TO POSTS Ⓐ, Ⓑ AND Ⓒ BURIED IN THE CUT SLOPE.

2. FIELD DRILLED HOLES SHALL BE COATED WITH ZINC RICH PAINT.

THREE (3) 1" DIA. HOLES TO BE FIELD DRILLED IN W-BEAM ELEMENT AND ATTACHED WITH ⁷/₈" DIA. HEX. HEAD BOLTS 2" LONG EACH WITH ONE SQUARE WASHER AND RECESSED HEAD HEX NUT

1" DIA. HOLE TO BE FIELD DRILLED THROUGH W-BEAM AND THROUGH POST FLANGE. ATTACH W-BEAM WITH ⁷/₈" HEX. HEAD BOLT 2" LONG WITH ONE SQUARE WASHER AND HEX NUT

DRILL EXTRA ³/₄" DIA. HOLE IN POST FLANGE.

Ⅎ POST
7⁷/₈"
6¹/₈"

½" STEEL PLATE

DRILL EXTRA ³/₄" HOLE IN POST FLANGE.

7/8" X 2" HEX BOLT AND RECESSED HEAD HEX NUT, 4 EA.

1³/₄" X 1³/₄" X ³/₁₆" SQUARE WASHER WITH 1" DIA. HOLE

1"
2"
9"
2"

BOLT PLATE TO POST WITH FOUR (4) ⁵/₈" DIA. HEX. HEAD BOLTS EACH 2" LONG WITH FLAT WASHERS AND HEX NUTS

THESE DETAILS ARE APPLICABLE TO POSTS Ⓐ, Ⓑ AND Ⓒ ONLY.

W-BEAM

W6X8.5 (OR W6X9) 6' LONG POST

ELEVATION VIEW (FRONT)

ELEVATION VIEW (SIDE)