

Shoulder Widening

4:1 Slope

75' Transition to Normal Section

Edge of Normal Sho.

37'-6"

See Breakaway Post and Foundation below

Limit of Traffic Barrier Terminal

Type I Paid for as Lin.Ft. of Guard Fence.

1

2

3

4

5

6

7

8

4'-0" (Face of Rail)

37'-6" curve

X (see table of offsets)

3 spaces at 4'-2" (steel posts)

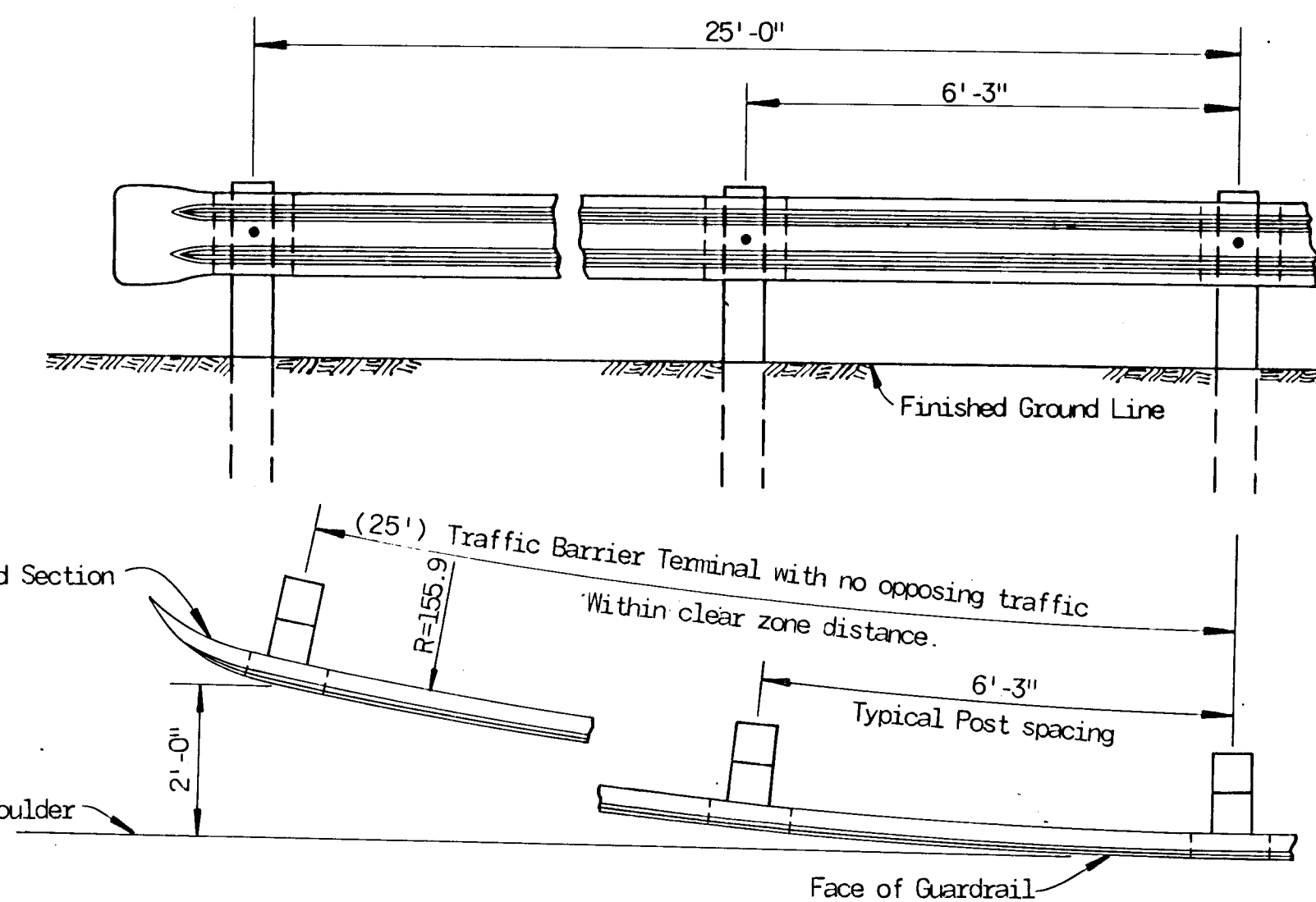
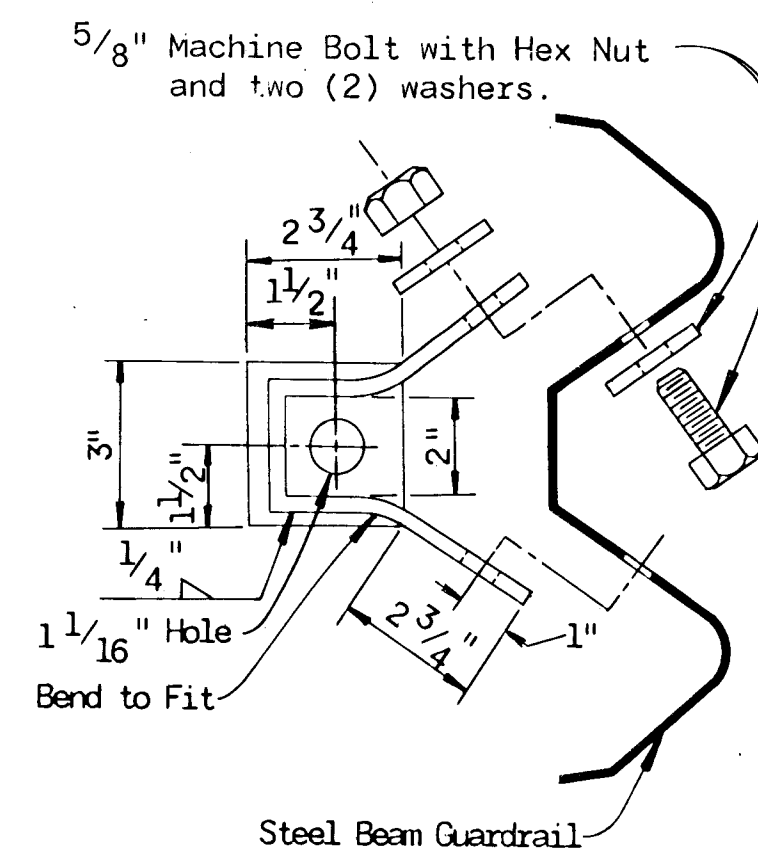
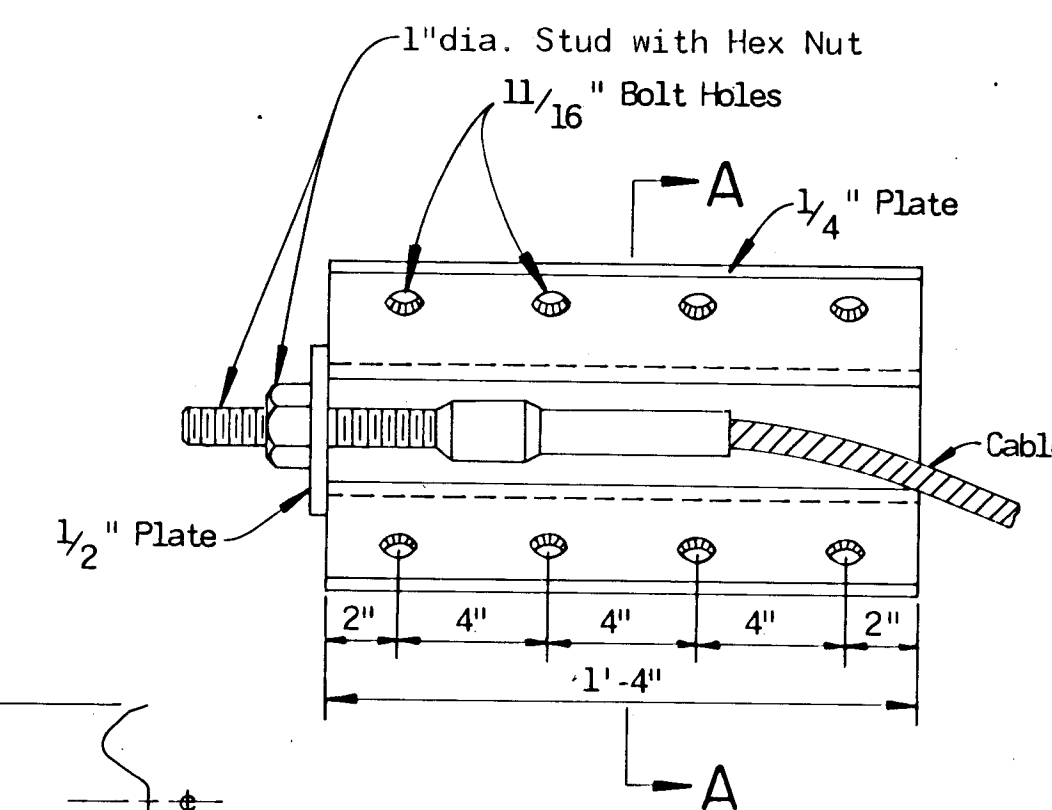
2 spaces at 6'-3" (wood posts)

2 spaces at 6'-3"

Traffic Flow

Pay length

Technical drawing showing a rectangular plate with a hole. The plate has a width of 12" and a height of 12 1/4". A hole with a diameter of 3/4" is centered on the plate. A wavy line is shown on the right side of the plate, indicating a break or a specific feature.



PLAN TYPE I

6" x 6" Steel Post

3"

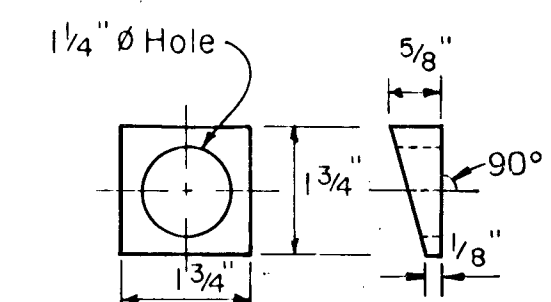
3/8"

1/4" R

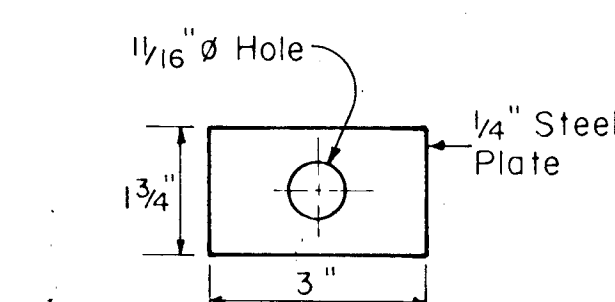
STEEL BREAKAWAY POSTS - CONCRETE FOUNDATIONS

STEEL BREAKAWAY

POST
(2 ea.)



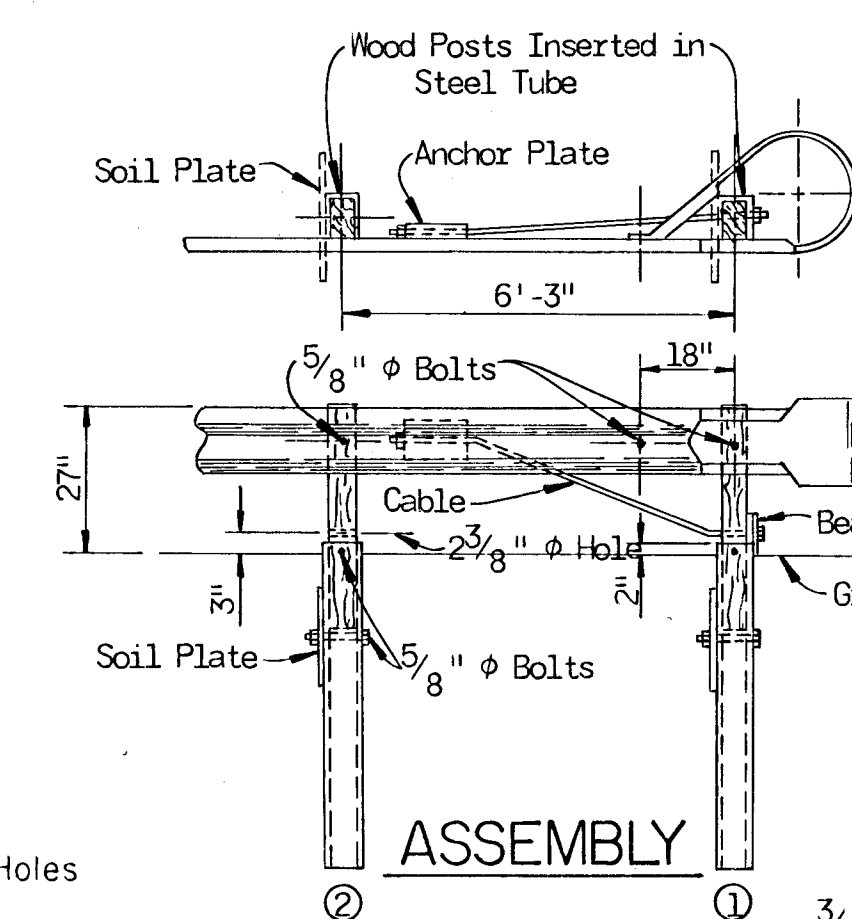
TAPERED WASHER "N"
(1 ea.)



FLAT PLATE WASHER "P"
(12 eq.)

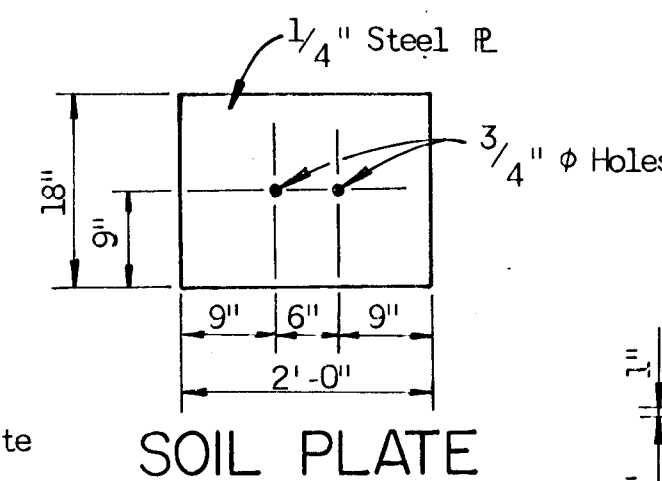
NOSE

(Subsidiary to Steel Plate Guard Fence)

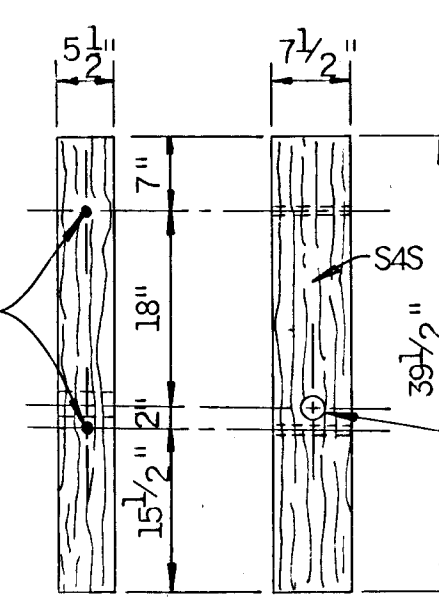


ASSEMBLY

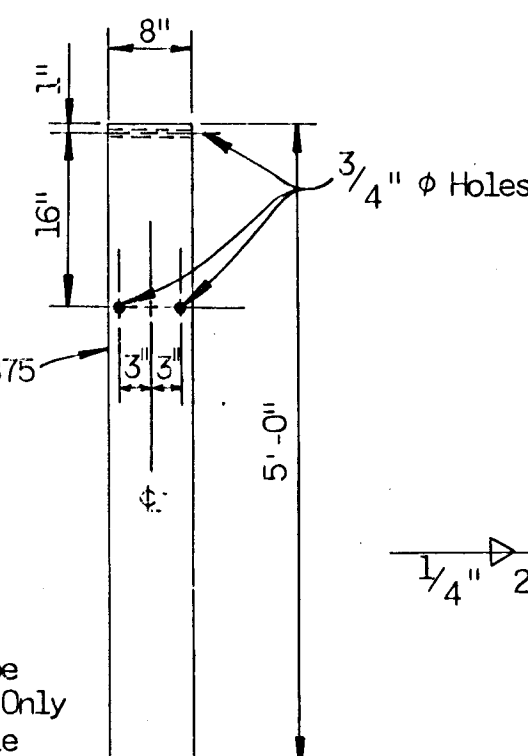
BEARING PLATE



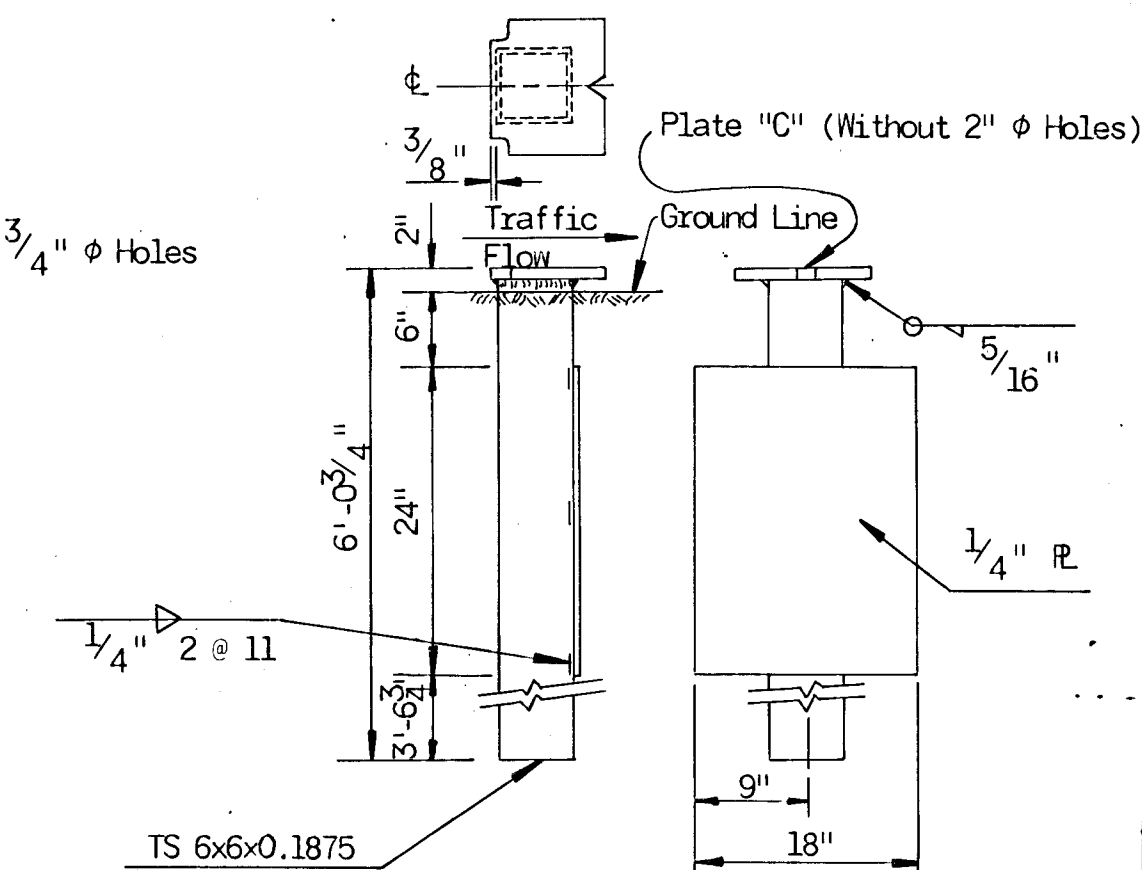
SOIL PLATE



WOOD BREAKAWAY
POST

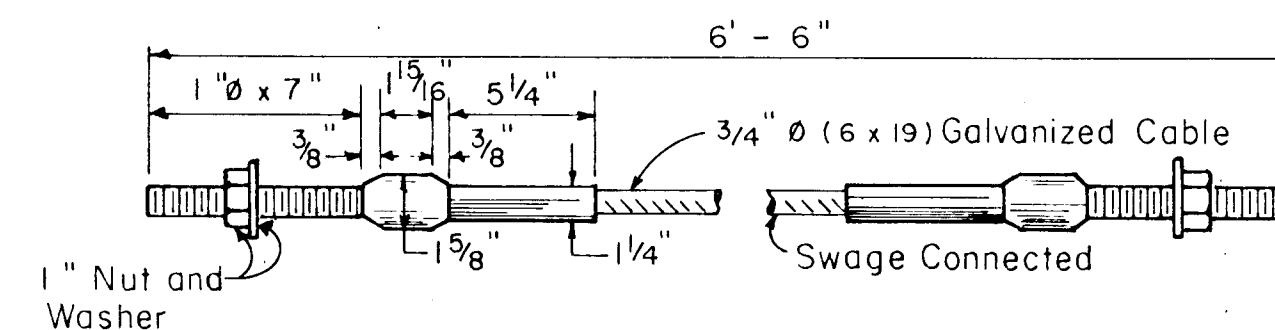


STEEL TUBE



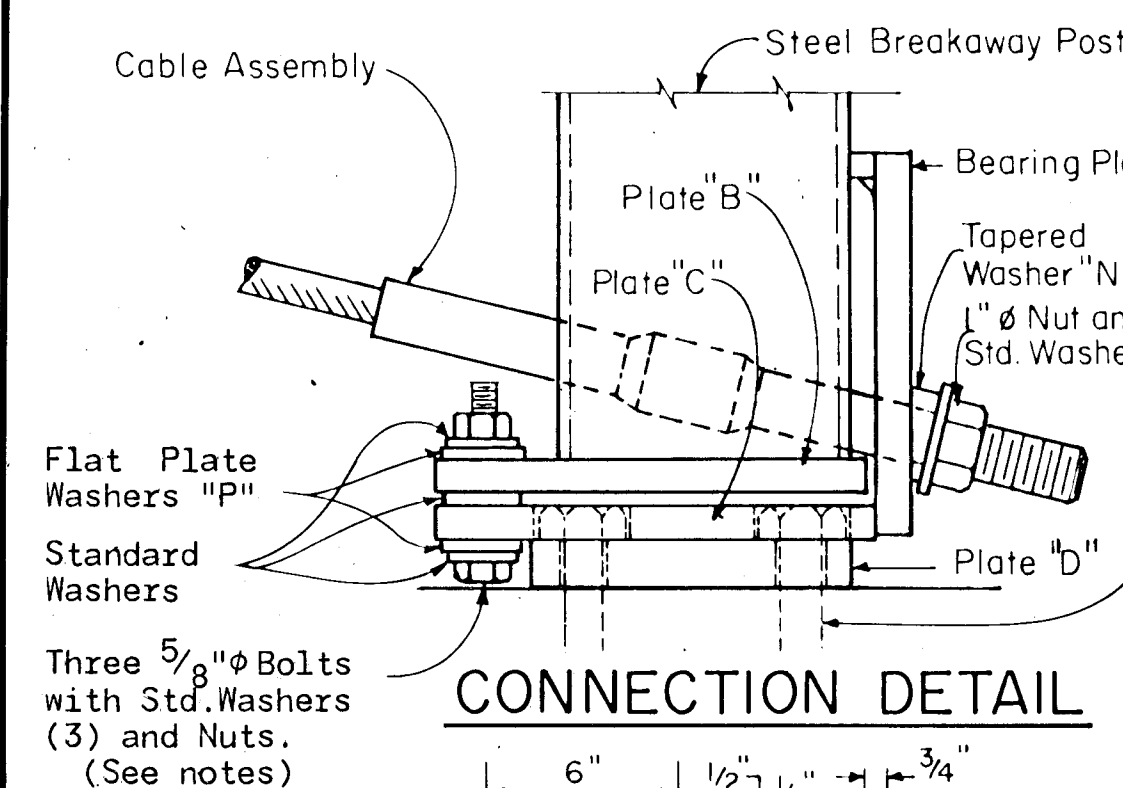
MODIFIED STEEL - POST
BCT DESIGNS

ALTERNATE DESIGNS TO CONCRETE FOUNDATIONS

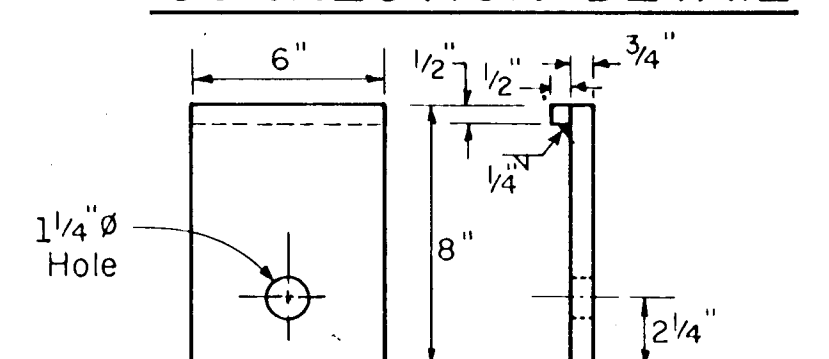


CABLE ASSEMBLY (1 ea.)

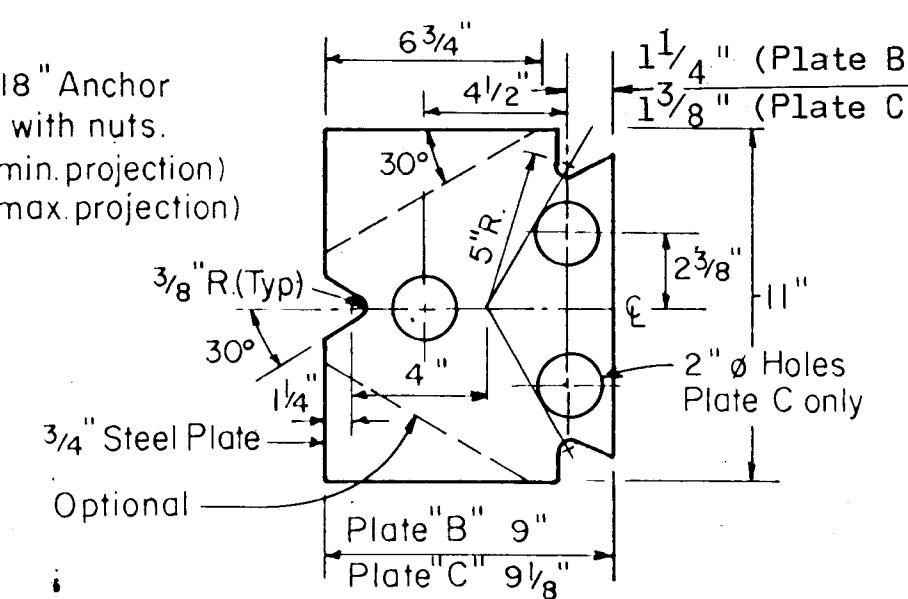
(40,000 lbs. min. breaking strength)
Tighten cable to taut tension.



CONNECTION DETAIL



BEARING PLATE "L" (1 ea.)



PLATES "B" & "C"

(2 ea. "B")
(2 ea. "C")

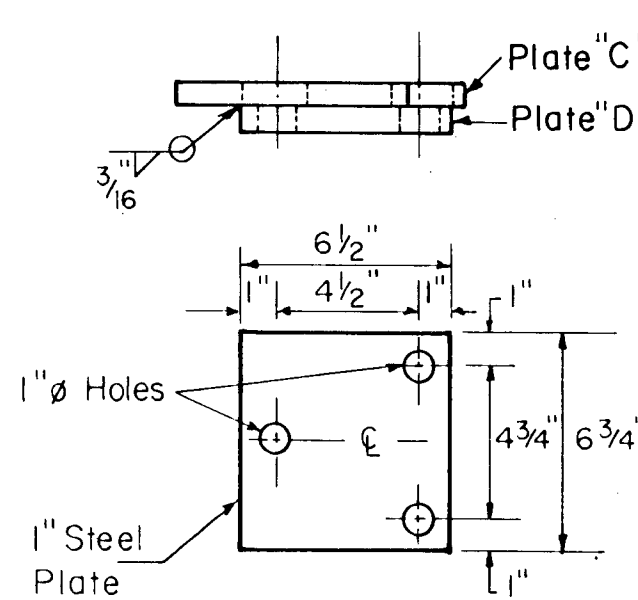


PLATE "D"

(2 ea.)

NOTES: See Standard 608.6 & 608.6A for details of guard rail not shown.
All steel parts shall be galvanized after fabrication.

As an alternate to the nut torqued to 155-170 ft.-lbs., the Contractor may use a controlled torque nut system utilizing a torque-off groove concept with double hex configuration and elliptically deformable thread section meeting the approval of the Engineer.

Posts at locations ① & ② shall be the steel breakaway post. Remaining posts in the terminal may be either standard wood posts or steel posts, at the option of the Contractor. If standard wood posts are used, one post shall be located midway between and in lieu of posts ④ & ⑤. For Terminal Type 1, the offset (Y) shall be 1.00 foot. A two-piece assembly may be substituted for the one-piece nose above.

Steel Post with plate as shown in alternate design maybe used in lieu of concrete footings on terminal barrier breakaway posts.

I	12-17-79	Added Wood Alt. BCT Post						WLH	L.R.P.
NO.	DATE	REVISIONS						BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

BARRIER TERMINAL

TYPES I & II

STD. NO. 608.5D

<i>October 11, 1979</i>	SCALE <i>None</i>	APP'D _____ <i>M.T.</i>
DRAWN <i>Bowser</i>	DETAILED <i>Bowser</i>	QUANTITIES _____
DESIGN OK.	DETAIL OK <i>Hoff</i>	TRACE OK <i>Hoff</i>