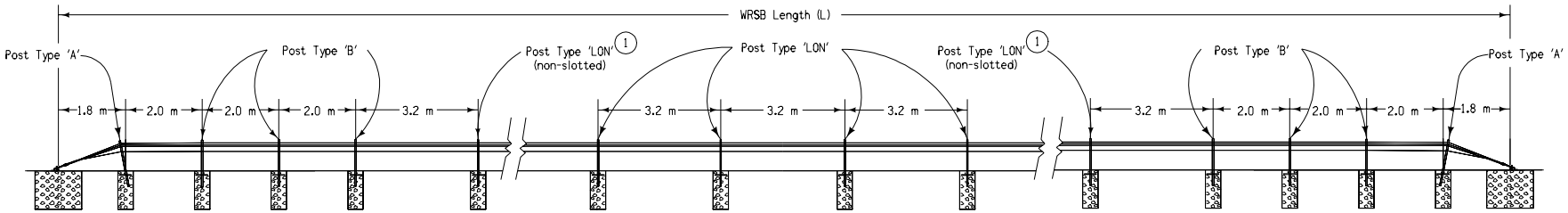
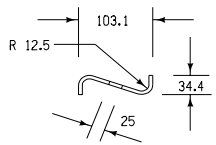
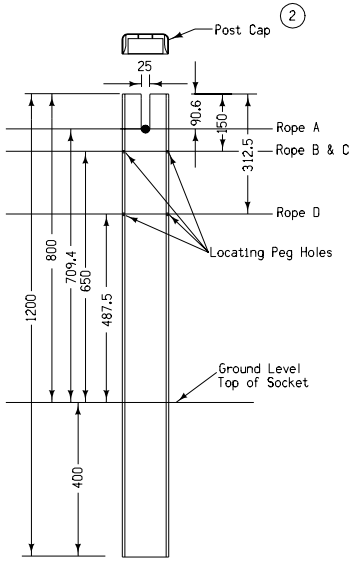


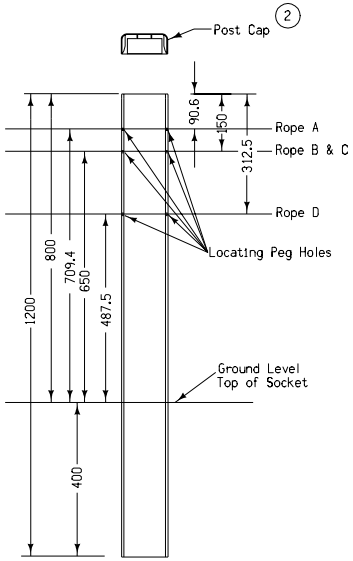


Plan View



Elevation View

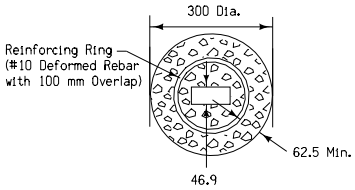
Post Type 'LON'



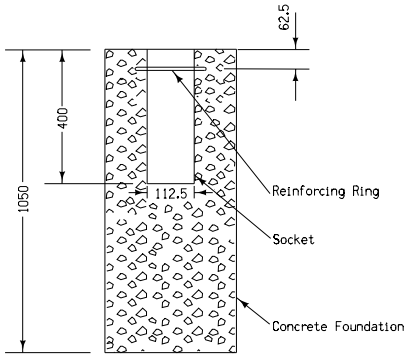
Elevation View

Post Type 'LON'

(Non-slotted)



Plan View



Elevation View
Concrete Foundation
With Socket
(Posts 5 and greater)

TENSION CHART	
Ambient Temperature	Rope Tension
C	KN
38	9.4
35	11.25
30	14.00
25	16.75
20	19.50
15	22.25
10	25.00
5	27.75
0	30.50
-5	33.25
-10	36.00
-18	40.40

1 Posts 5 thru 19 are non-slotted line posts.

2 An amber reflector shall be on every 4th 'LON' post cap (facing traffic):

One side of post - edge of shoulder installation.
Both sides of post - median installation.

All dimensions given in millimeters unless noted.

M

METRIC VERSION

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RE-80(2)

REVISION: Specify size of reinforcing ring; modify note 2.

REVISION NO. 2

REVISION DATE 10-18-05

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

WIRE ROPE SAFETY BARRIER

(Sheet 2 of 2)