PLAN VIEW

25'-0" or Two 12'-6"
W-Beam Section
End Section

12'-6" W-Beam Section, 12-ga.

12'-6" W-Beam Section, 12-ga.

12'-6" W-Beam Section, 12-ga.

12'-6" W-Beam Section, 12-ga.

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12'-6" W-Beam Section, 12-ga.

12'-6" W-Beam Section, 12-ga.

12'-6" W-Beam Section, 12-ga.

12'-6" W-Beam Section, 12-ga.

12'-6" W-Beam Section, 12-ga.

6'-3" W-Beam Section, 12-ga.

2'-7 1/16" A

PROFILE VIEW

BCT posts in 6' long (galvanized) foundation tubes, ground line strut, and BCT cable anchor

W6x9 72" long Posts with 6x12x14 1/4" Blockouts

SCALE: None

UNITS: Inches

REV. BY: KAP

Midwest Roadside Safety Facility
SPLICE DETAIL

END RAIL DETAIL

DETAIL C
SCALE 1 : 15

MGS-1/4 Post Spacing
Midwest Roadside Safety Facility

5/8" Std. Guardrail splice bolts

5/8" x 10" Guardrail Post Bolt

3/4" x 2 1/2" Rail Slot

5/8" x 10" Guardrail Post Bolt

5/8" x 10" Hex Head Bolt with washers

7/8" x 7 1/2" Hex Head Bolt

5/8" x 10" Guardrail Post Bolt

7'-8 7/8"

4'- 1/4"
MGS–1/4 Post Spacing
BCT Timber Posts &
Foundation Tube Detail

Foundation Tube
Part b1

BCT (MGS) Timber Post
Part b2
BCT Anchor Cable
Part d1

Cable End

1" Washer A325
1" Heavy Hex Nut A325

4'-2"

6'-8"

D

Anchor Cable Bearing Plate
Part d2

SIDE VIEW

PROFILE VIEW

SCALE: None

MGS_Standard_0.25spacing

MwRSF
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MGS–1/4 Post Spacing
BCT Anchor Cable Detail

DETAIL D
SCALE 1 : 5

1"-8UNC Threaded Entire Length

1 1/4"

1 1/2"

7"

5"

8"

4"

8"

5/8"

1/8"

GEP

01/09/2005

KAP

5 of 7

D MGS Standard_0.25spacing

DATE:

01/09/2005

UNITS: Inches

REV. BY:

KAP
6’-3” W-Beam Section, 12 gauge

12’-6” W-Beam Section, 12 gauge

25’ W-Beam Section, 12 gauge, End Section

R1/2"x1 1/4" Slot

R1/2"x1 1/4" Slot

3/4"x2 1/2" Slots