28 Spaces @ 75" = 175'-0"

6'-3" (Typ.)

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

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

2'-7"

PLAN VIEW

PROFILE VIEW
**W-Beam Blockout Part a2**

- **Profile View**: 
  - \( \frac{3}{4} \)" 
  - 7 1/8" 
  - \( \frac{1}{4} \)" 
  - \( \frac{3}{4} \)" 

- **Plan View**: 
  - 1" 
  - 1 1/4" 
  - 1'-2 1/4" 
  - 6'-2" 

- **Side View**: 
  - 6'-0" 

**SECTION A-A**

- **Guardrail Bolt**: \( \frac{5}{8} \)"x14" long 
- **16D Double Head Nail**

**W-Beam Post Part a1**

- **Profile View**: 
  - \( \frac{3}{4} \)"
  - 1" 

- **Plan View**: 
  - 1'-0" 
  - 3'-4" 

- **Side View**: 
  - 3'-4"
BCT (MGS) Timber Post
Part b2

Foundation Tube
Part b1

Profile View

Plan View

Side View

Midwest Roadside Safety Facility

MGS Standard

BCT Timber Posts & Foundation Tube Detail

Sheet: 4 of 7

Date: 9/8/2016

Drawn By: GEP

DWG. Name: MGS_Standard

Scale: None

Units: Inches

Rev. By: KAP
BCT Anchor Cable
Part d1

DETAIL D
SCALE 1 : 5

1"-8UNC Threaded
Entire Length

1'-3"
7"
5"
1 1/2"" 1 1/4"

1"-8UNC Threaded
Entire Length

1"

1/2"

1/4"

1/8"

BCT Anchor Cable
Bearing Plate
Part d2

Cable End

φ1" Washer A325

φ1" Heavy Hex
Nut A325
6’-3” W-Beam Section, 12 gauge

12’-6” W-Beam Section, 12 gauge

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

SCALE: 1 : 15

MGS Standard
Rail Section Details