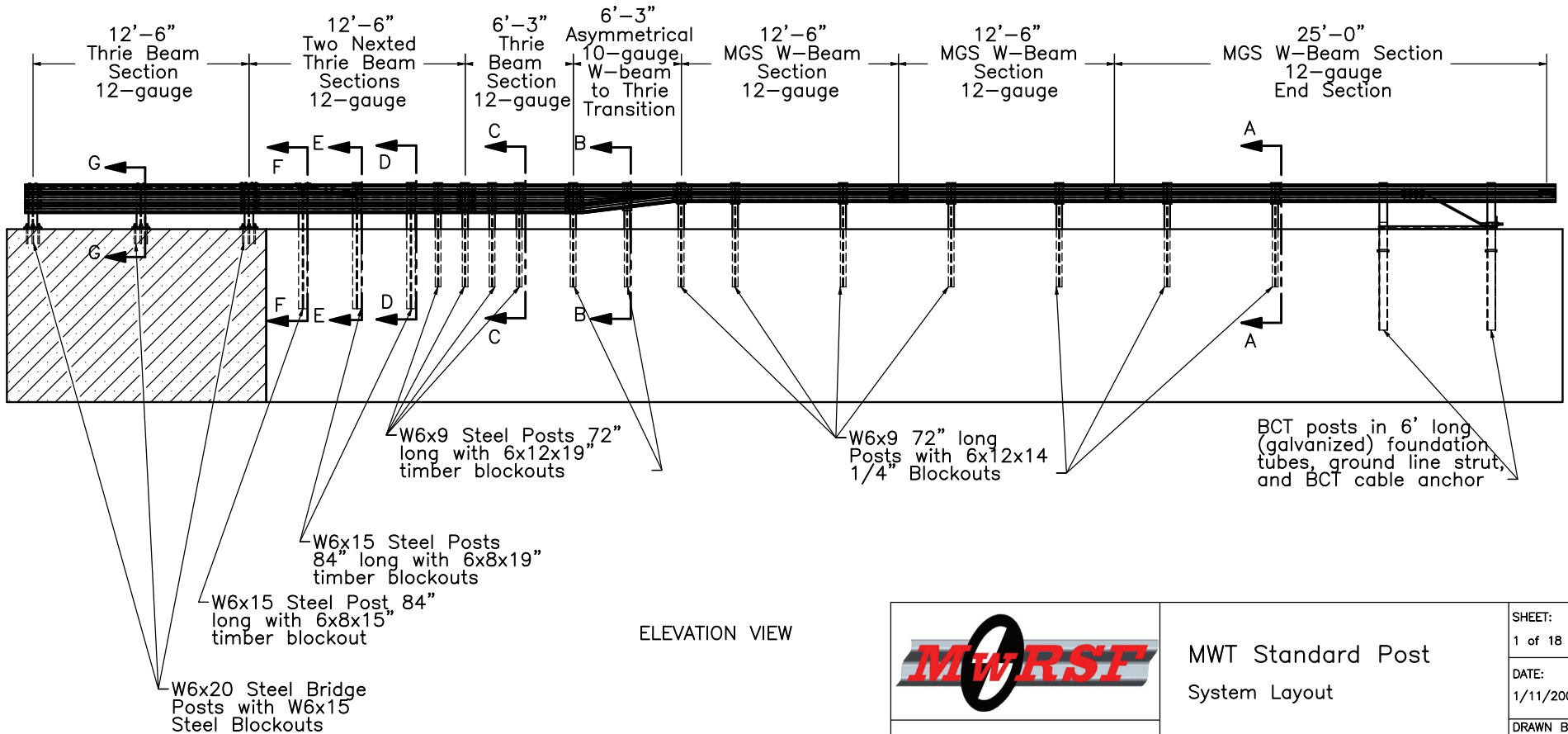


PLAN VIEW



ELEVATION VIEW



Midwest Roadside
Safety Facility

MWT Standard Post
System Layout

DWG. NAME.
MWT-SP_R4

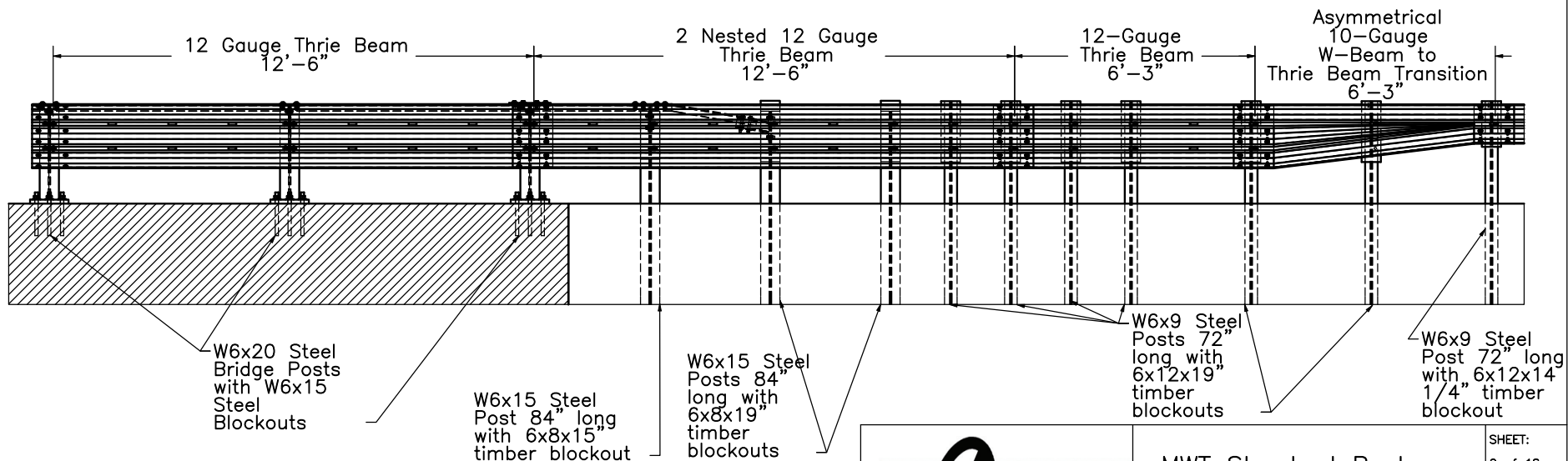
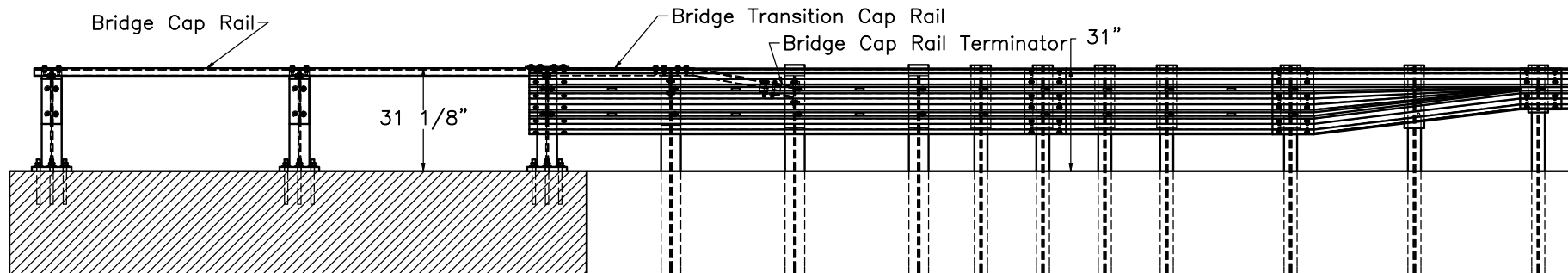
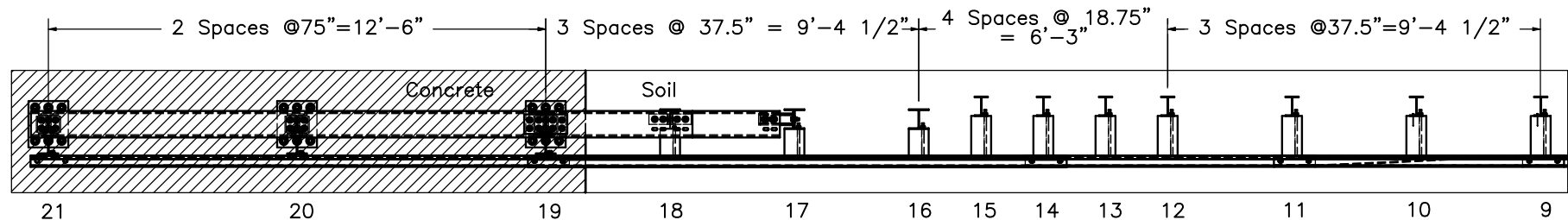
SCALE: 1:110
UNITS: Inches

SHEET:
1 of 18

DATE:
1/11/2008

DRAWN BY:
EMA

REV. BY:
KAP/SKR



Midwest Roadside
Safety Facility

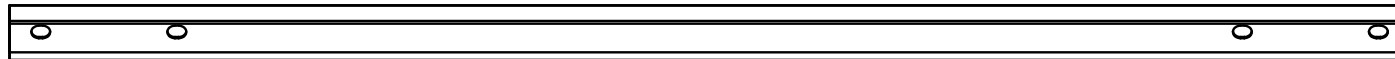
MWT Standard Post

End Rail Detail
Splice Detail

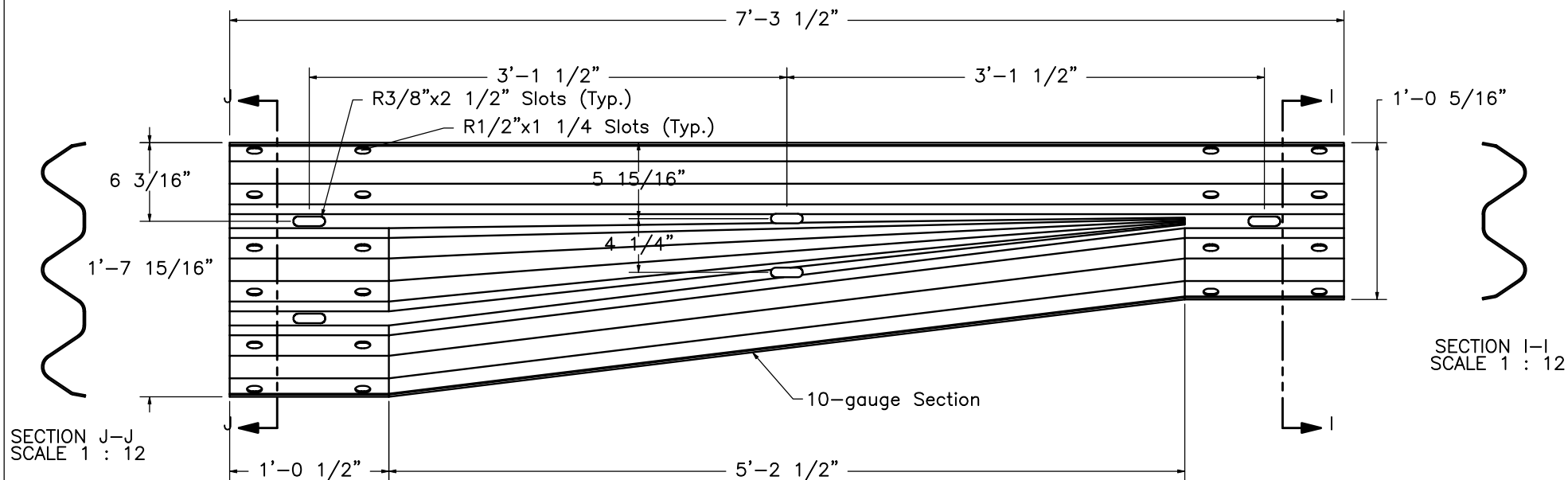
DWG. NAME.
MWT-SP_R4

SCALE: 1:50
UNITS: Inches

SHEET:
2 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



PLAN VIEW



ELEVATION VIEW



Midwest Roadside
Safety Facility

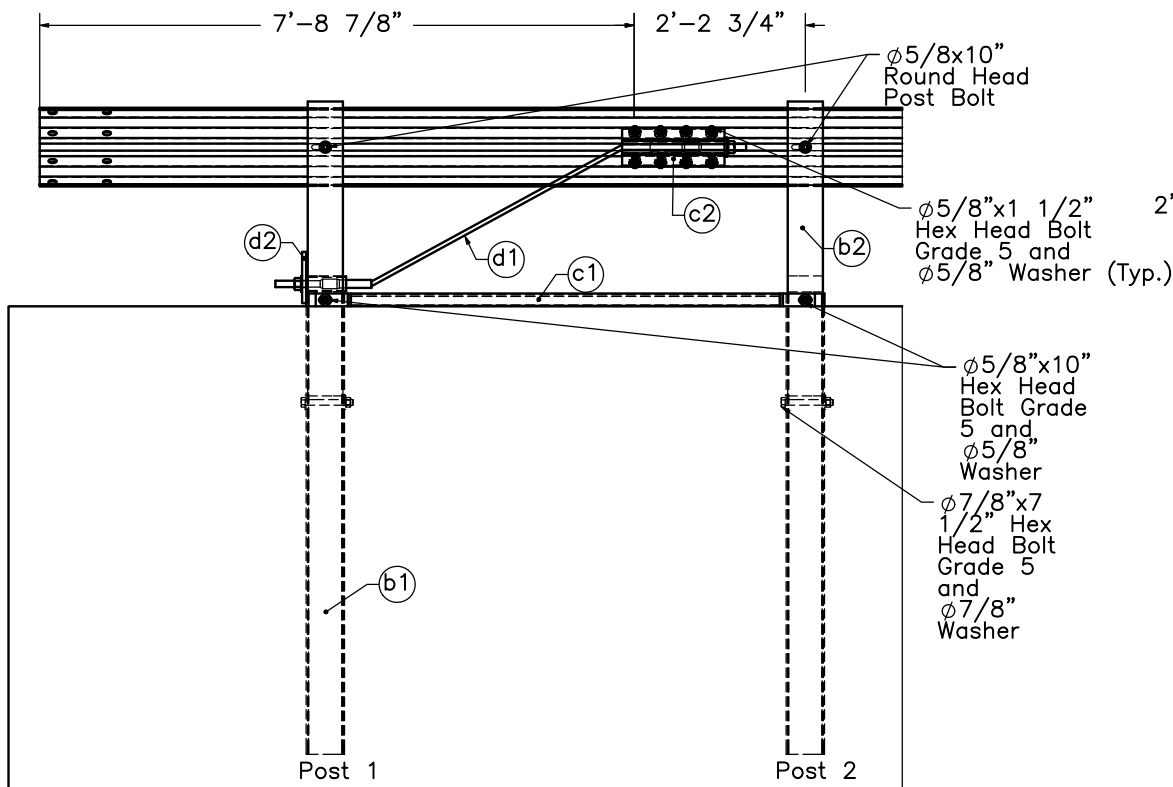
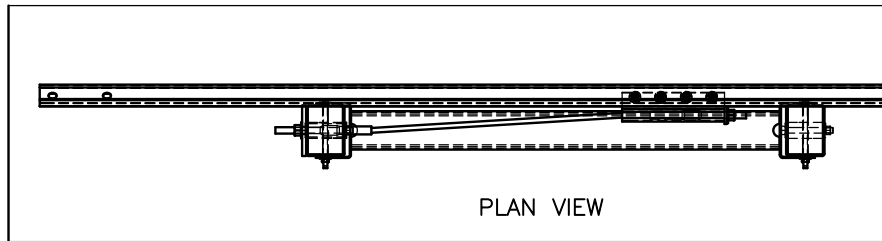
MWT Standard Post

Asymmetrical W-Beam
to Thrie Beam Transition
Rail Section Detail

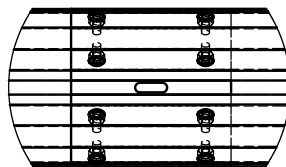
DWG. NAME.
MWT-SP_R4

SCALE: 1:10
UNITS: Inches

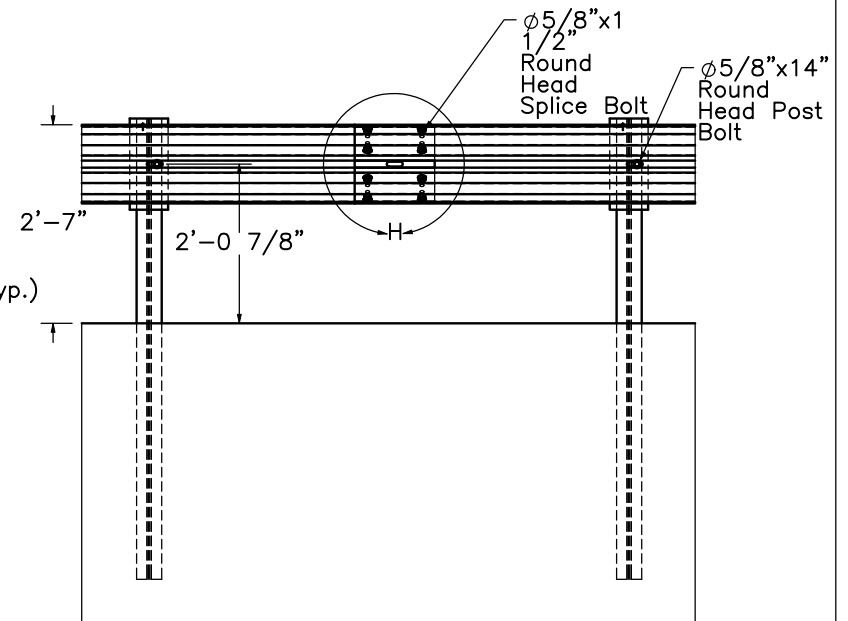
SHEET: 3 of 18
DATE: 1/11/2008
DRAWN BY: EMA
REV. BY: KAP/SKR



ELEVATION VIEW
END RAIL DETAIL



DETAIL H
SCALE 1 : 15



ELEVATION VIEW
SPLICE DETAIL



Midwest Roadside
Safety Facility

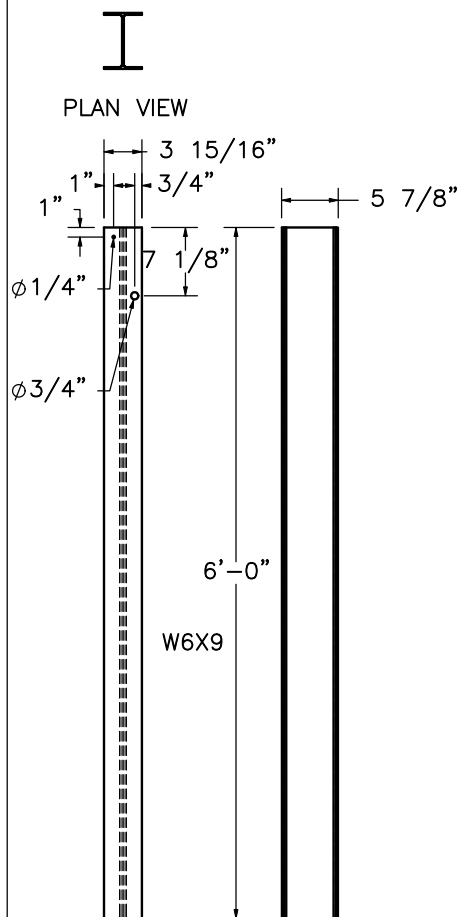
MWT Standard Post

Splice Detail
End Rail Detail

DWG. NAME.
MWT-SP_R4

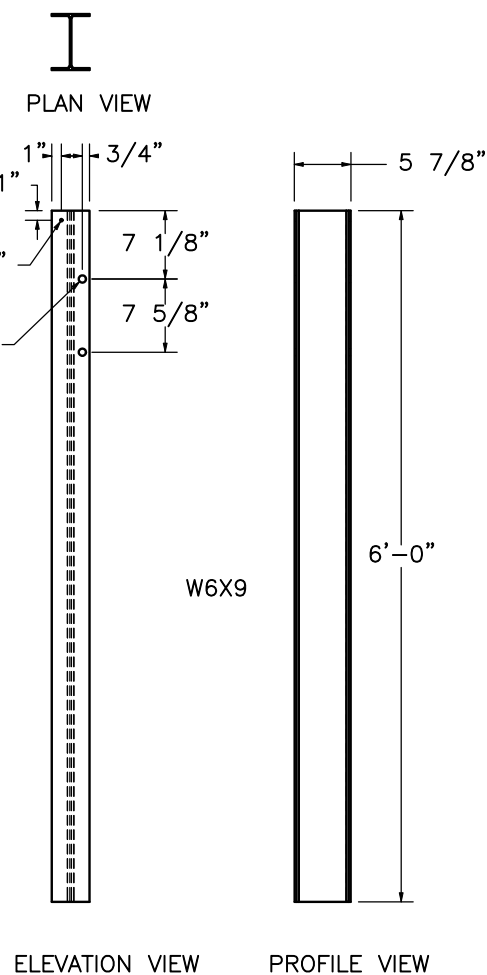
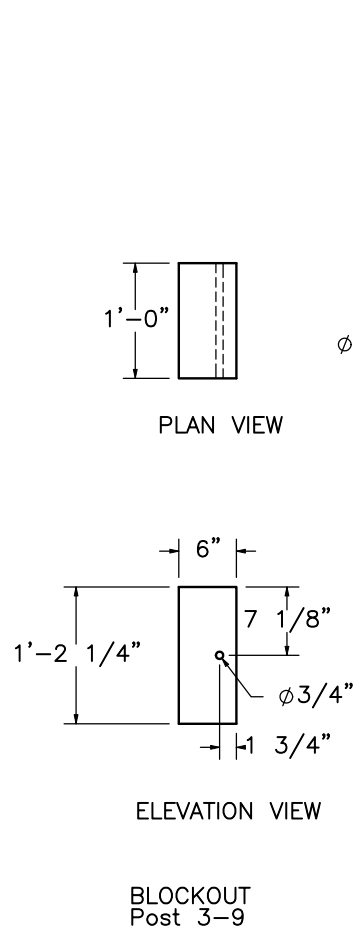
SCALE: None
UNITS: Inches

SHEET:
4 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR

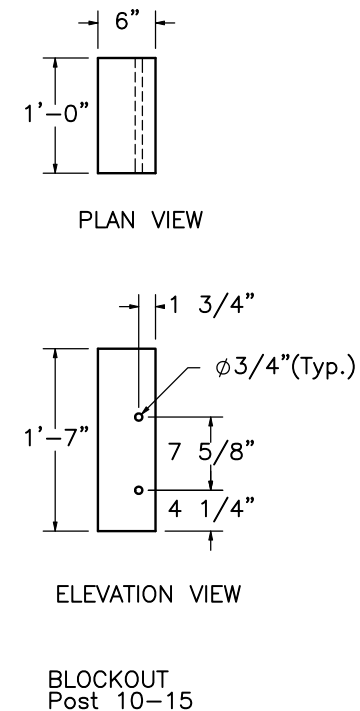


ELEVATION VIEW PROFILE VIEW

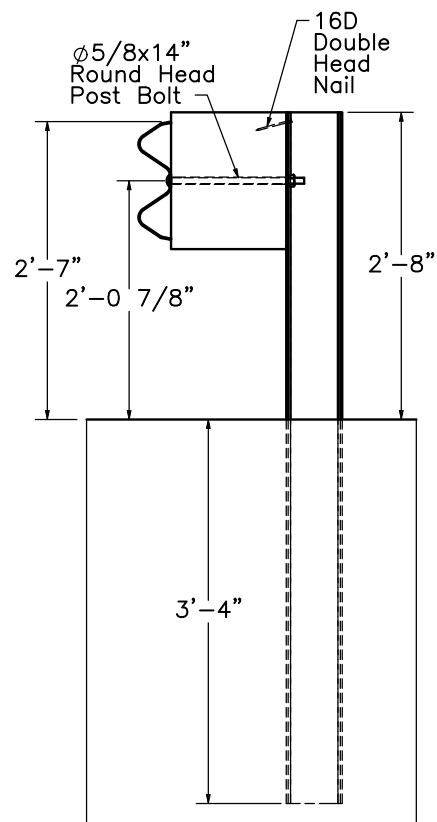
POST 3-9



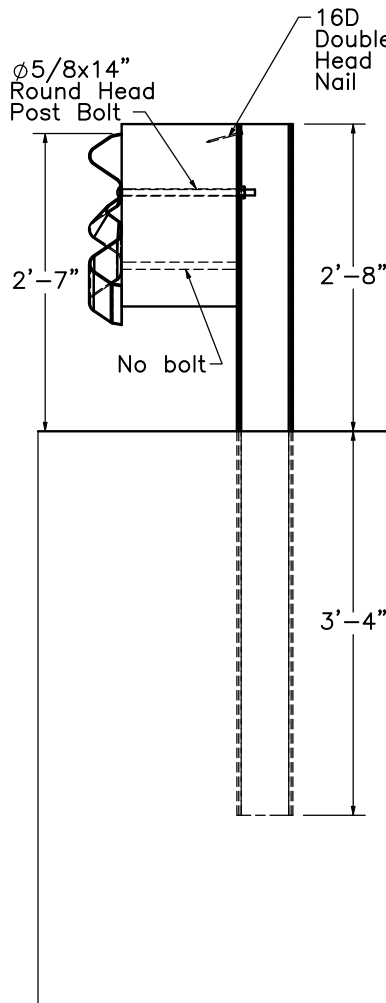
POST 10-15



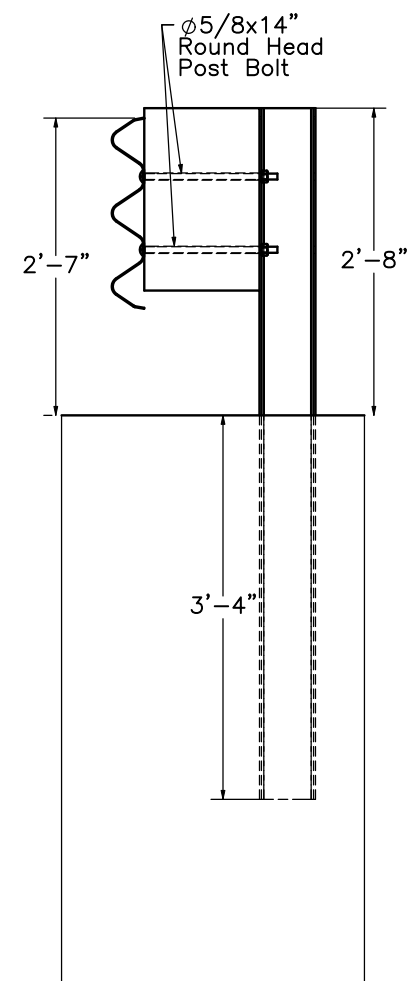
	MWT Standard Post		SHEET: 5 of 18
	Posts 3-15 Details		DATE: 1/11/2008
Midwest Roadside Safety Facility	DWG. NAME. MWT-SP_R4		DRAWN BY: EMA
	SCALE: 1:20 UNITS: Inches		REV. BY: KAP/SKR



SECTION A-A



SECTION B-B



SECTION C-C



Midwest Roadside
Safety Facility

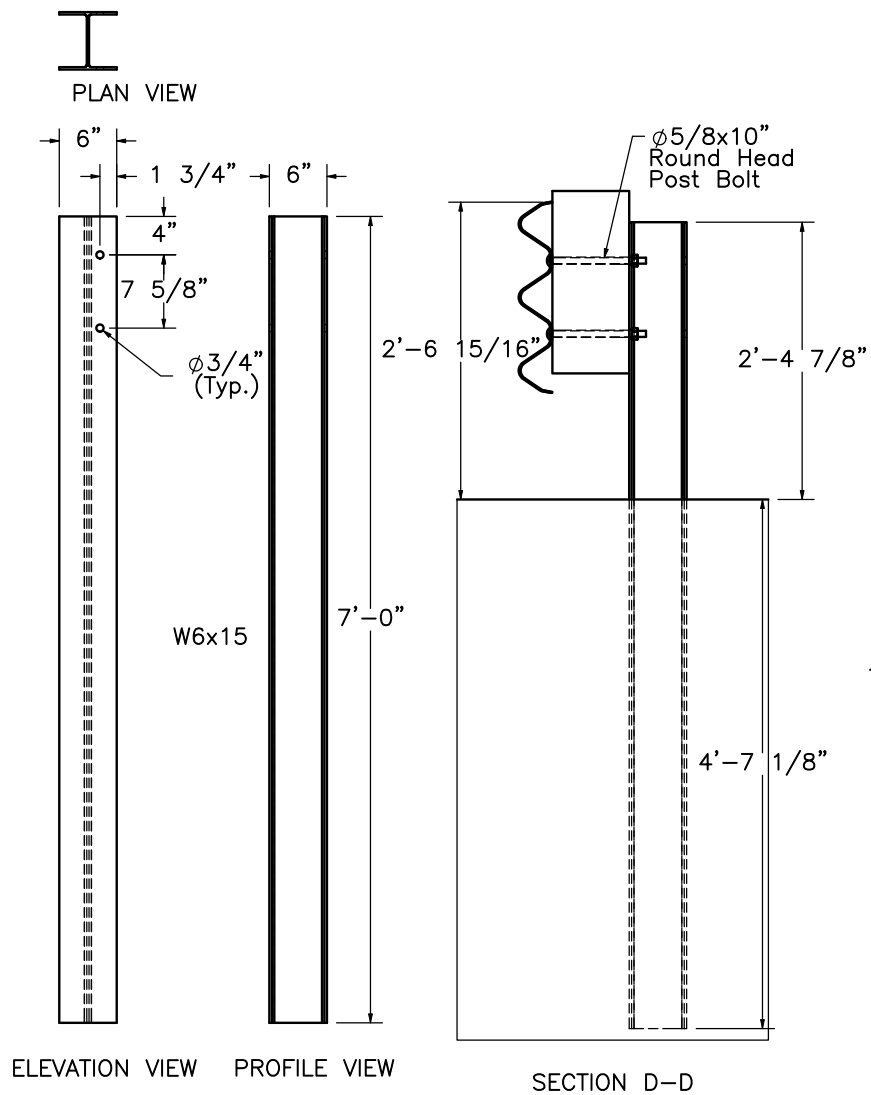
MWT Standard Post

Posts 3-15 Details
with Rail

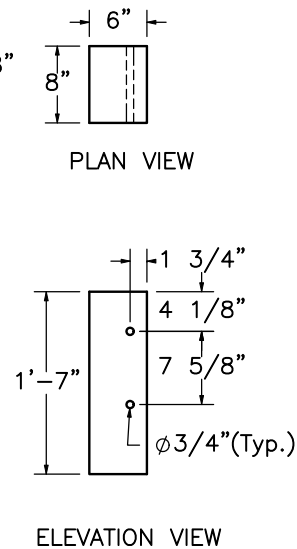
DWG. NAME.
MWT-SP_R4

SCALE: 1:20
UNITS: Inches

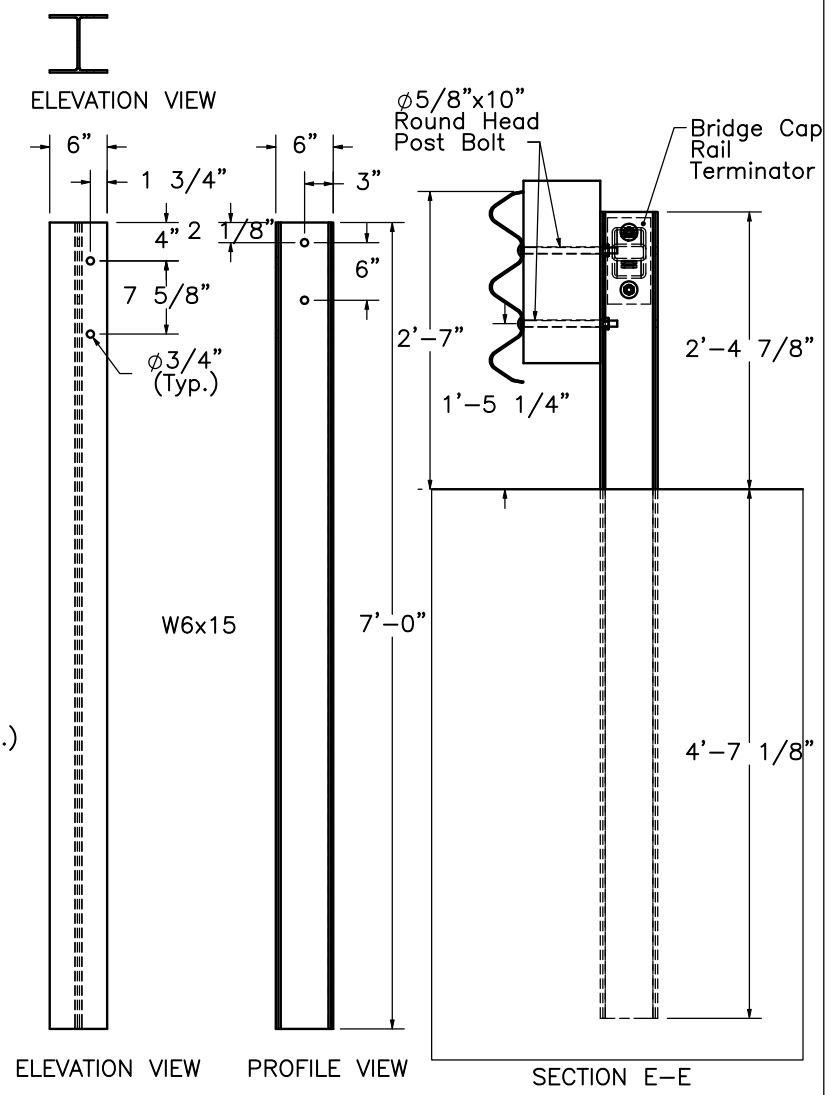
SHEET:
6 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



POST 16



BLOCKOUT
Post 16 &
Post 17



POST 17



Midwest Roadside
Safety Facility

MWT Standard Post

Posts 16 & 17
Detail

DWG. NAME.
MWT-SP_R4

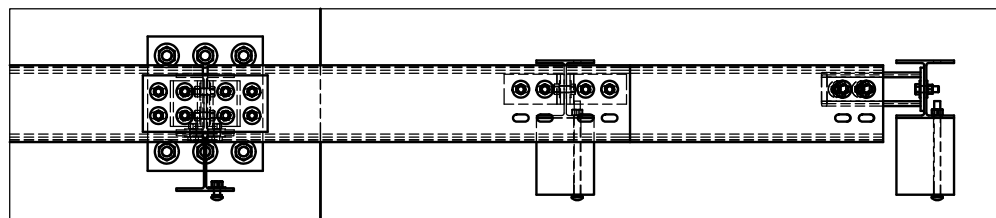
SCALE: 1:20
UNITS: Inches

SHEET:
7 of 18

DATE:
1/11/2008

DRAWN BY:
EMA

REV. BY:
KAP/SKR

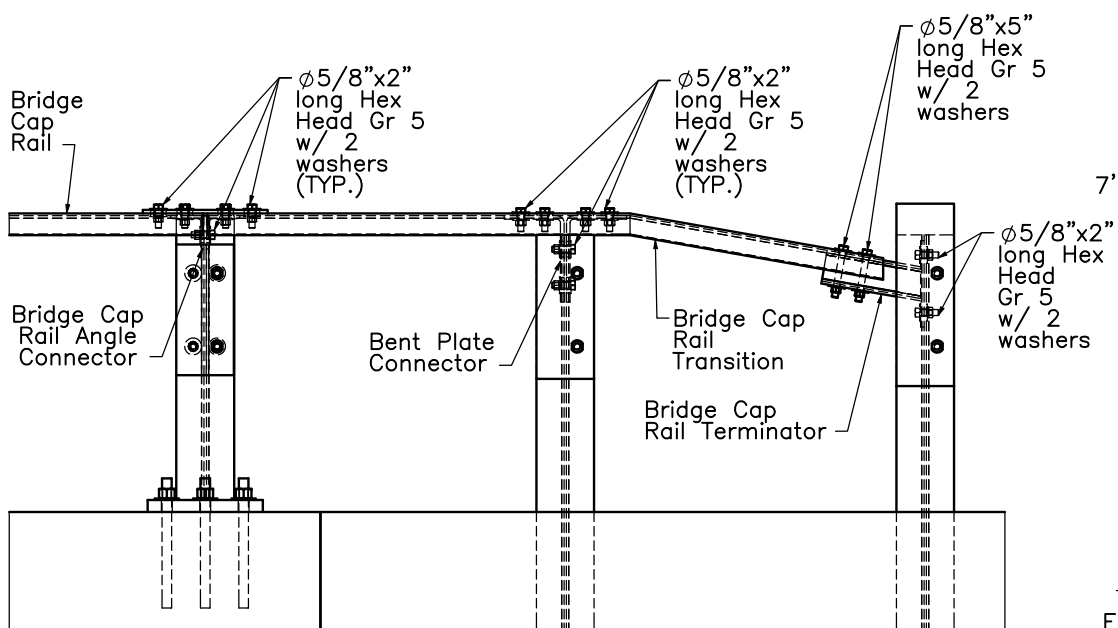


19

18

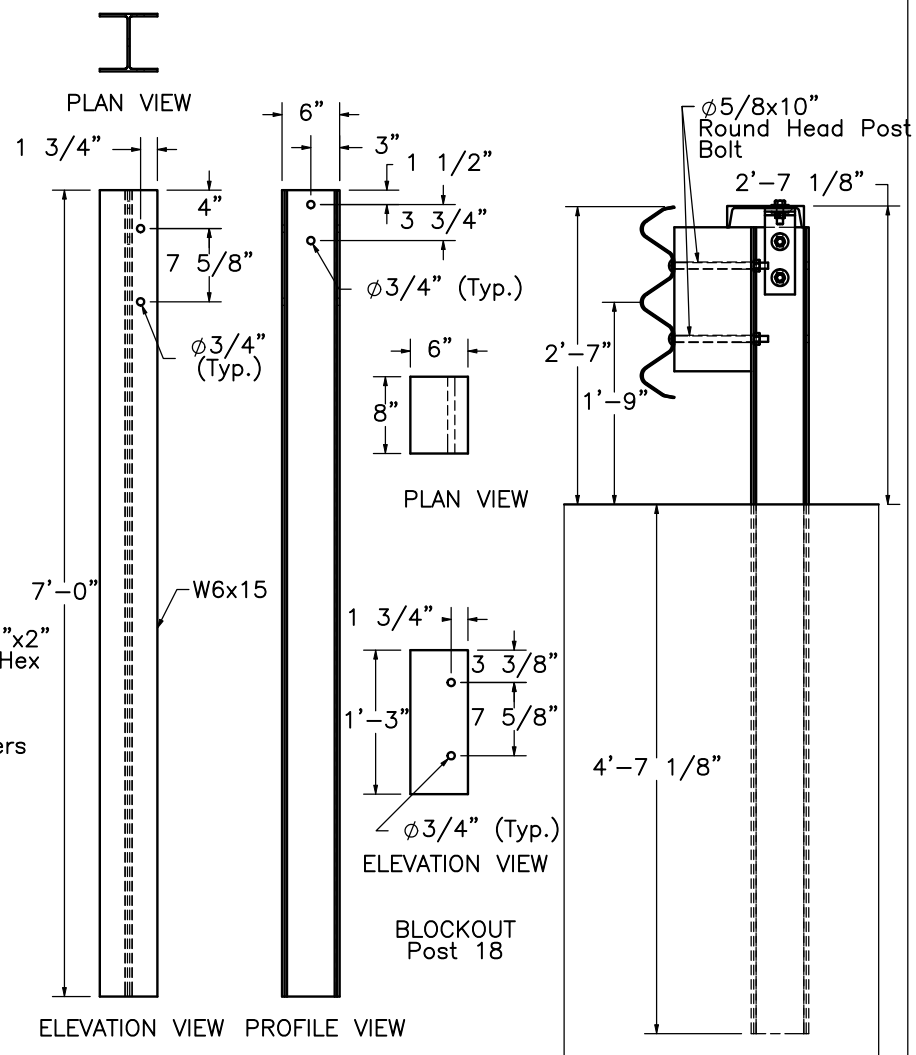
17

PLAN VIEW



ELEVATION VIEW

CAP RAIL DETAILS



ELEVATION VIEW PROFILE VIEW

POST 18

SECTION F-F



Midwest Roadside
Safety Facility

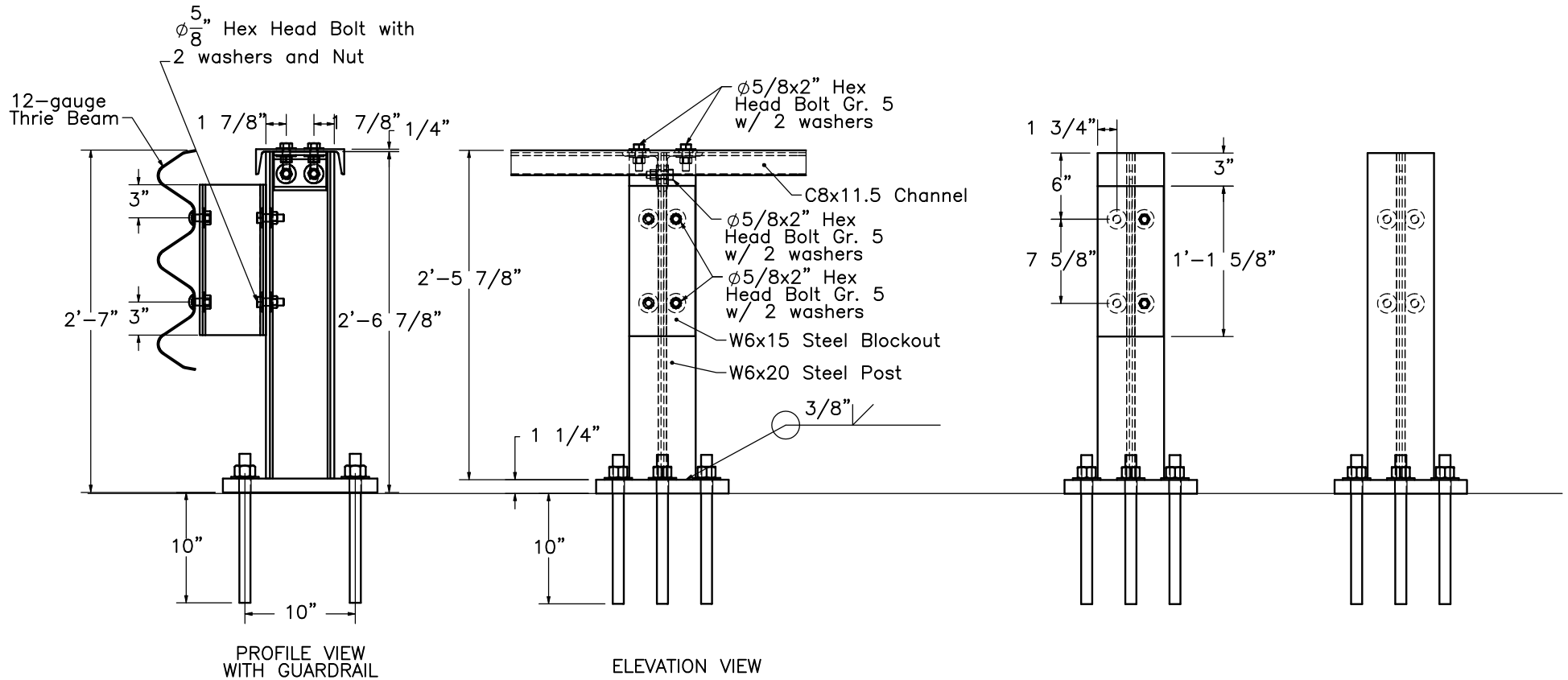
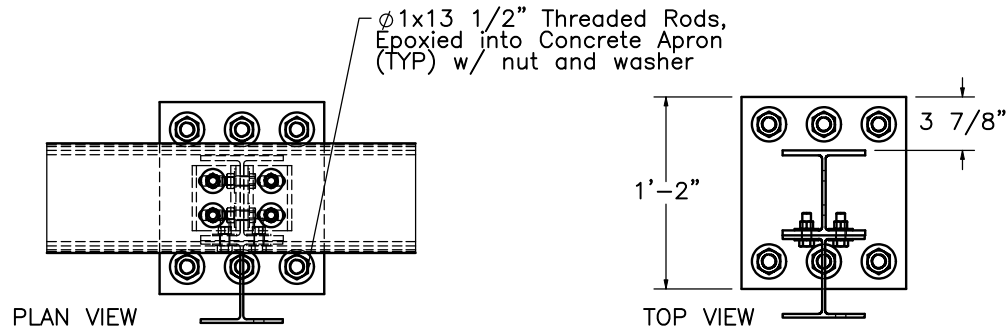
MWT Standard Post

Cap Rail Hardware Details
Post 18 Detail

DWG. NAME.
MWT-SP_R4

SCALE: 1:20
UNITS: Inches

SHEET:
8 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



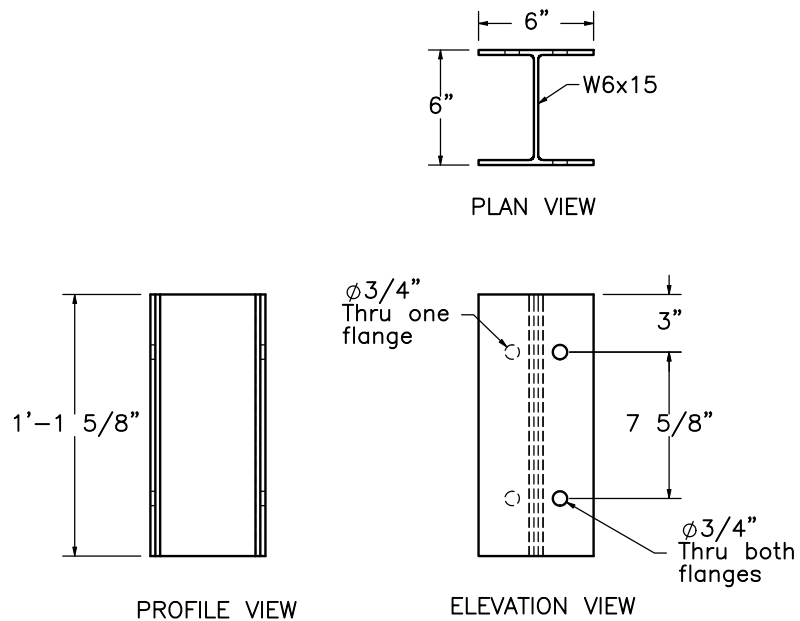
Midwest Roadside
Safety Facility

MWT Standard Post
Bridge Rail Details

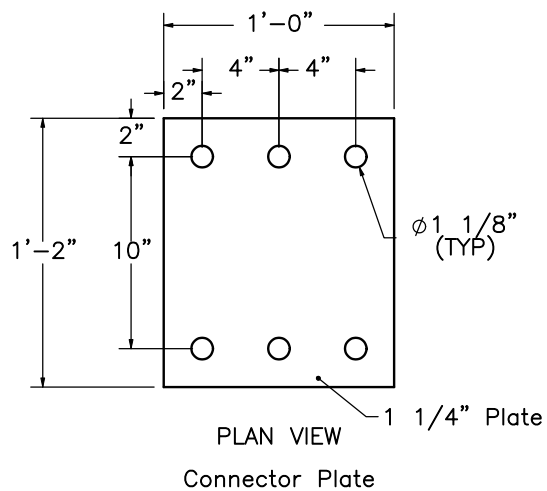
DWG. NAME.
MWT-SP_R4

SCALE: 1:14
UNITS: Inches

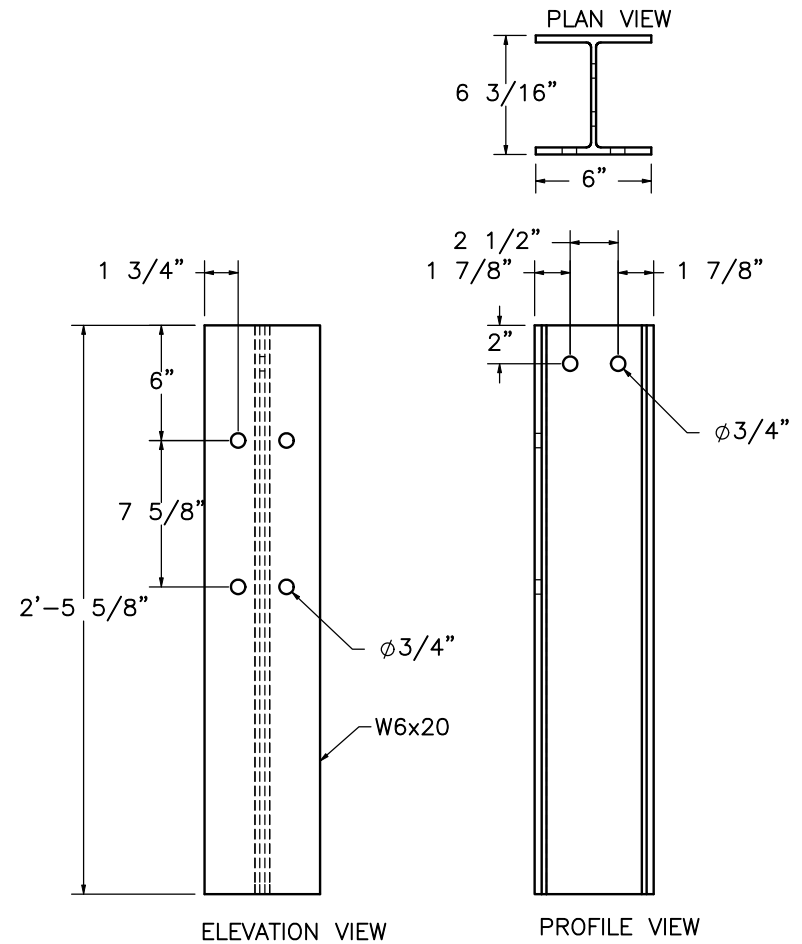
SHEET:
9 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



Steel Blockout



Connector Plate



Steel Post



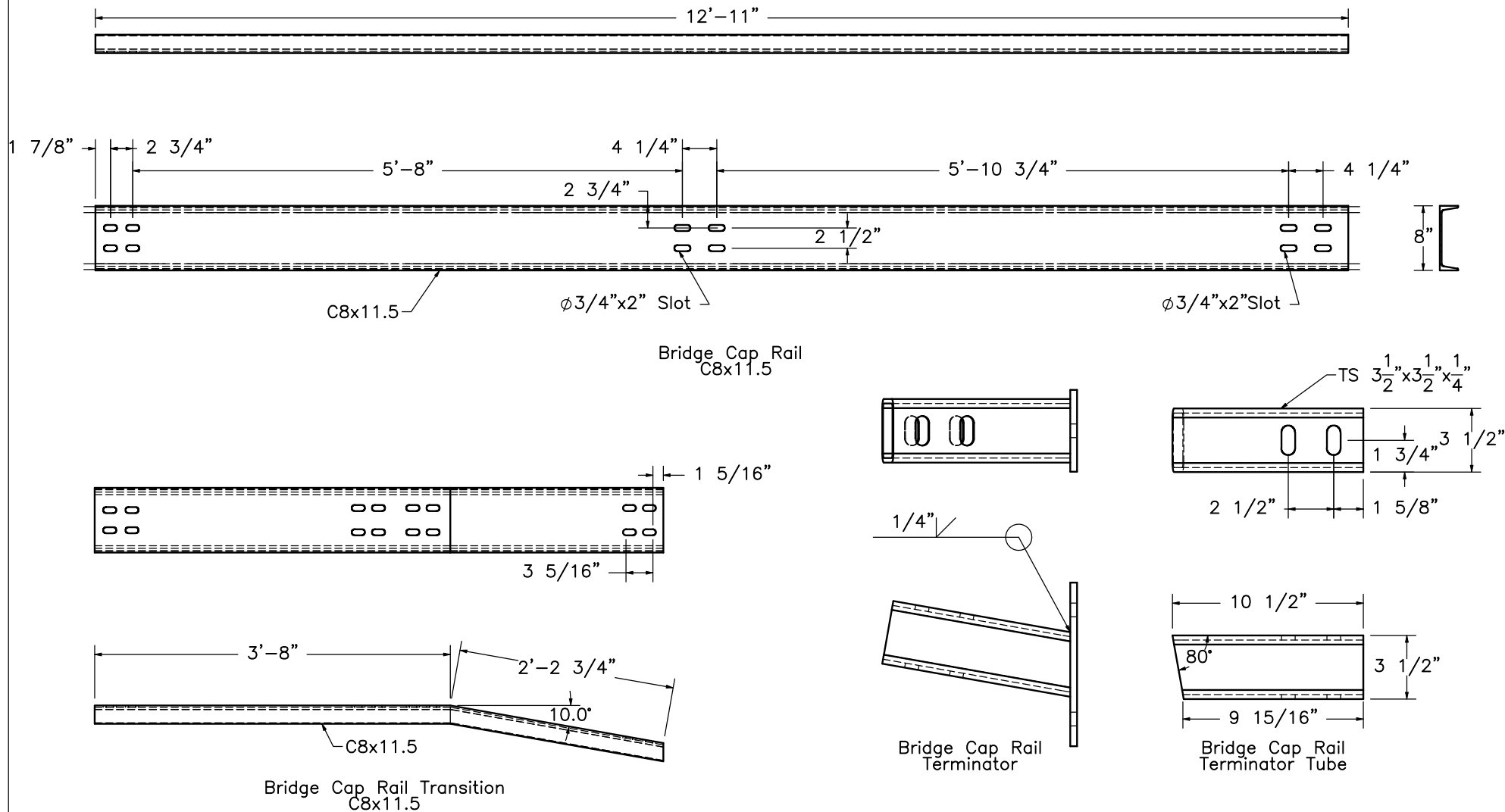
Midwest Roadside
Safety Facility

MWT Standard Post
Bridge Rail Details

DWG. NAME.
MWT-SP_R4

SCALE: 1:10
UNITS: Inches

SHEET:
10 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



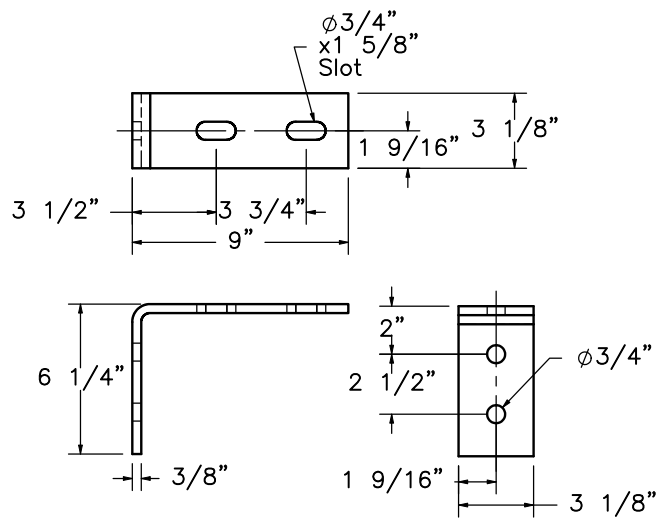
Midwest Roadside
Safety Facility

MWT Standard Post Bridge Rail Details

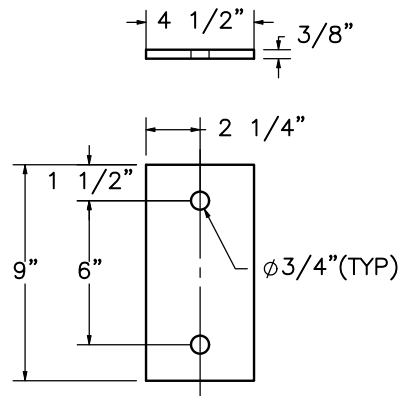
DWG. NAME.
MWT-SP_R4

SCALE: None
UNITS: Inches

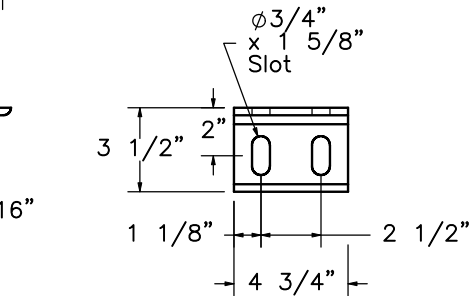
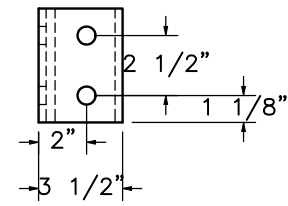
SHEET:
11 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



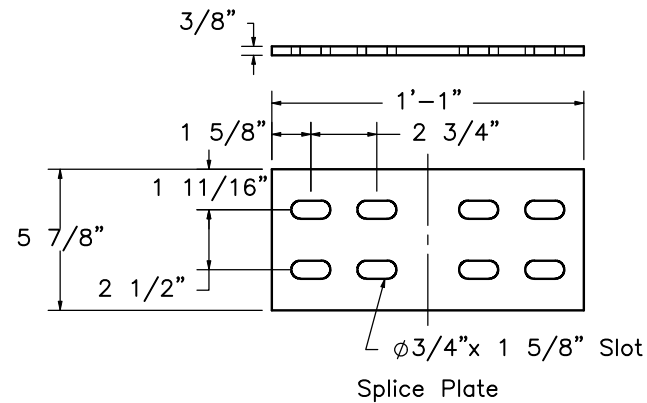
Bent Plate Connector
L 6 ¹/₄" x 9" x ³/₈"



Bridge Cap Rail
Terminator Plate



Cap Rail Angle
L 3 ¹/₂" x 3 ¹/₂" x ⁵/₁₆"



Splice Plate



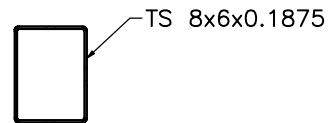
Midwest Roadside
Safety Facility

MWT Standard Post
Bridge Rail Details

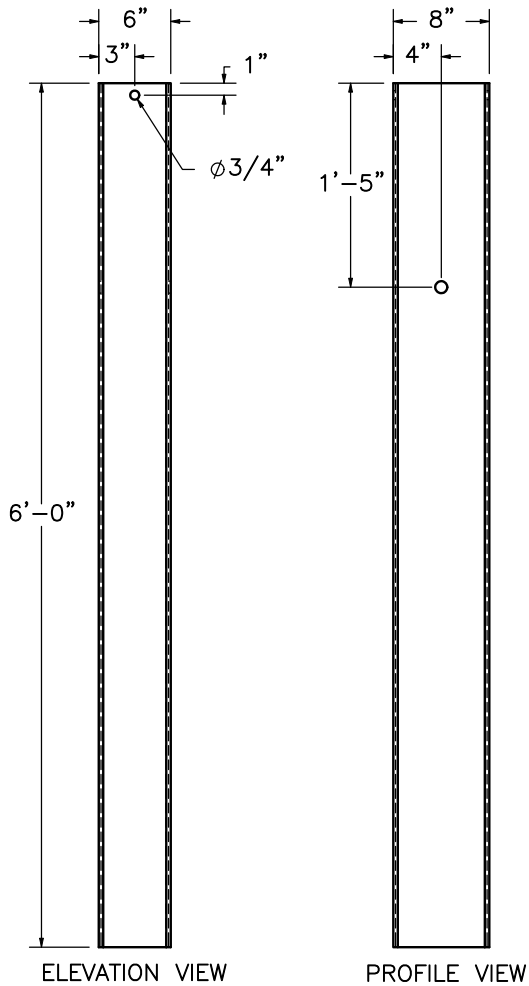
DWG. NAME.
MWT-SP_R4

SCALE: 1:8
UNITS: Inches

SHEET:
12 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



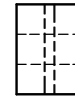
PLAN VIEW



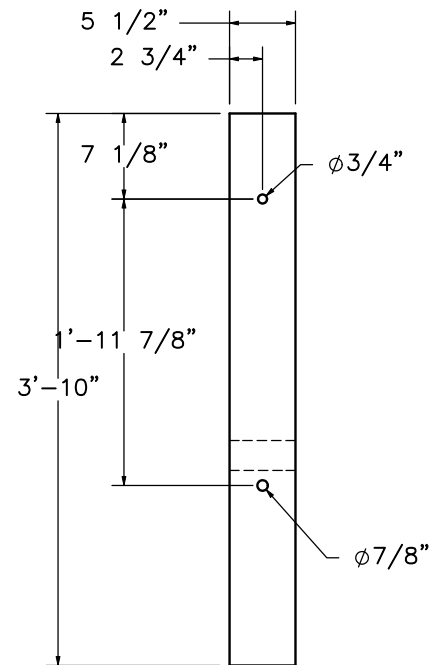
ELEVATION VIEW

PROFILE VIEW

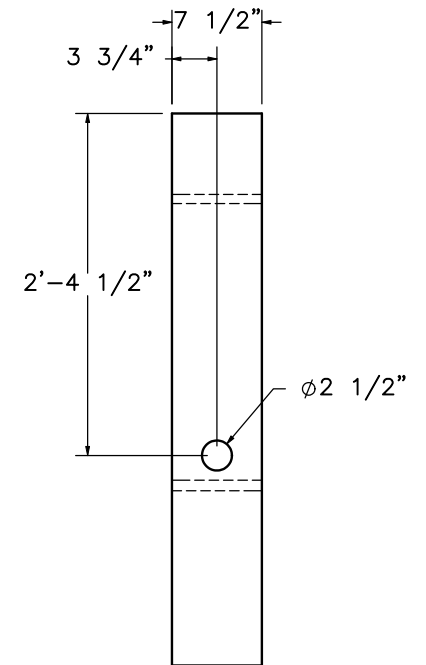
Foundation Tube
Part b1



PLAN VIEW



ELEVATION VIEW



PROFILE VIEW

BCT (MGS) Timber Post
Part b2



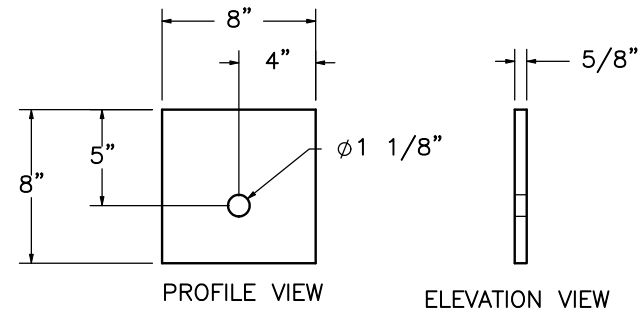
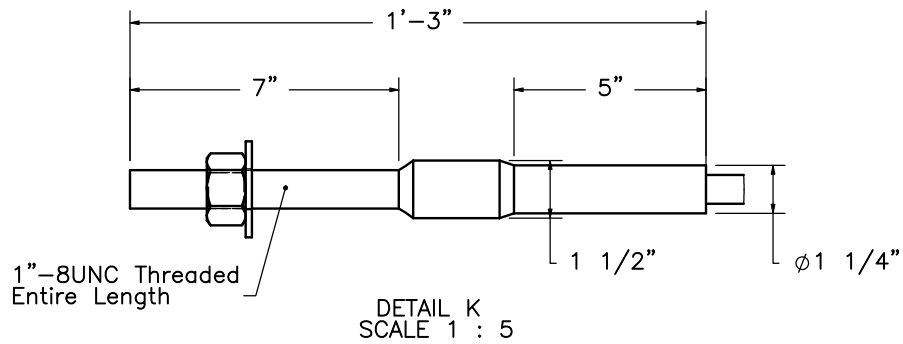
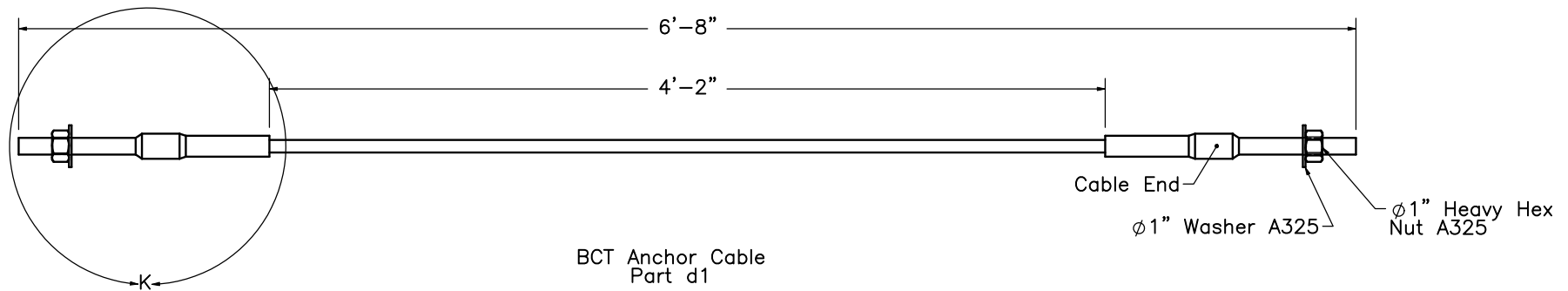
Midwest Roadside
Safety Facility

MWT Standard Post
BCT Timber Posts &
Foundation Tube Detail

DWG. NAME.
MWT-SP_R4

SCALE: 1:16
UNITS: Inches

SHEET:
13 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



Anchor Cable
Bearing Plate
Part d2



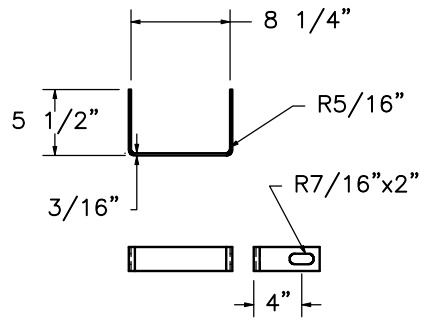
Midwest Roadside
Safety Facility

MWT Standard Post
BCT Anchor Cable Detail

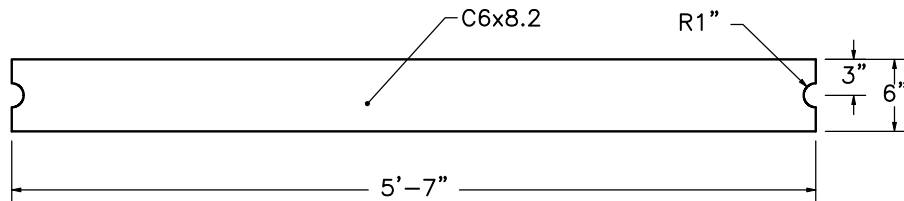
DWG. NAME.
MWT-SP_R4

SCALE: 1:10
UNITS: Inches

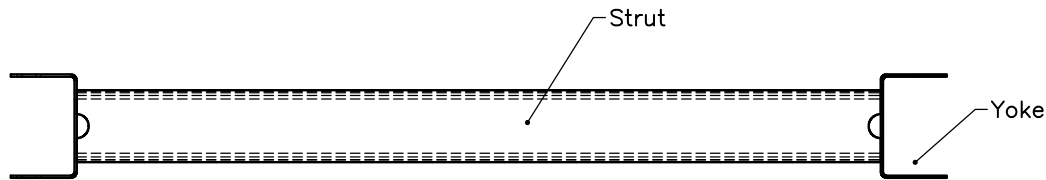
SHEET:
14 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



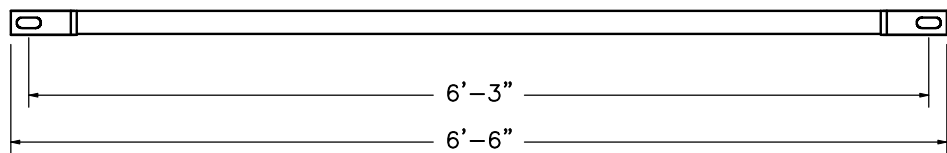
Yoke Detail



Strut Detail

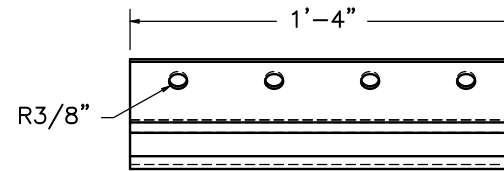


PLAN VIEW

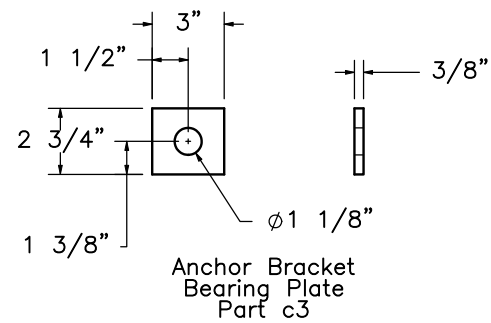
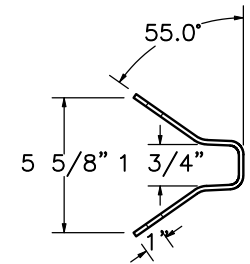


ELEVATION VIEW

Ground Strut
Part c1



Anchor Bracket
Part c2



Anchor Bracket
Bearing Plate
Part c3



Midwest Roadside
Safety Facility

MWT Standard Post

Ground Strut & Anchor
Bracket Details

DWG. NAME.
MWT-SP_R4

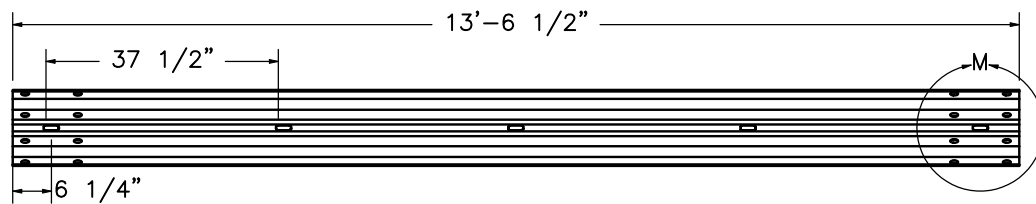
SCALE: None
UNITS: Inches

SHEET:
15 of 18

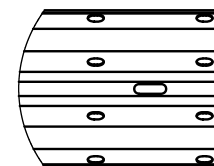
DATE:
1/11/2008

DRAWN BY:
EMA

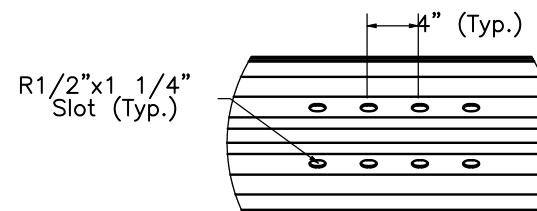
REV. BY:
KAP/SKR



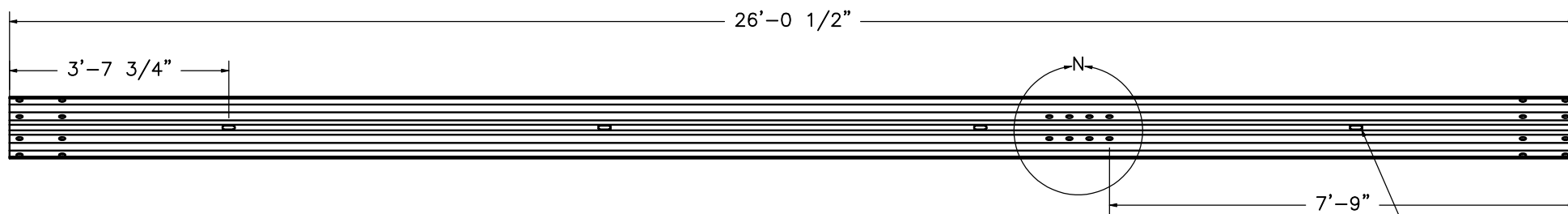
12.5' MGS W-Beam, 12 gauge



DETAIL M
SCALE 1 : 15



DETAIL N
SCALE 1 : 15



25' MGS W-Beam End Section, 12 gauge

$\phi 3/4$ "x2 1/2"
Slots (Typ.)



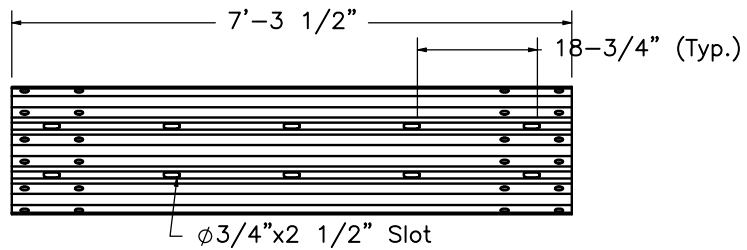
Midwest Roadside
Safety Facility

MWT Standard Post
Rail Section Details

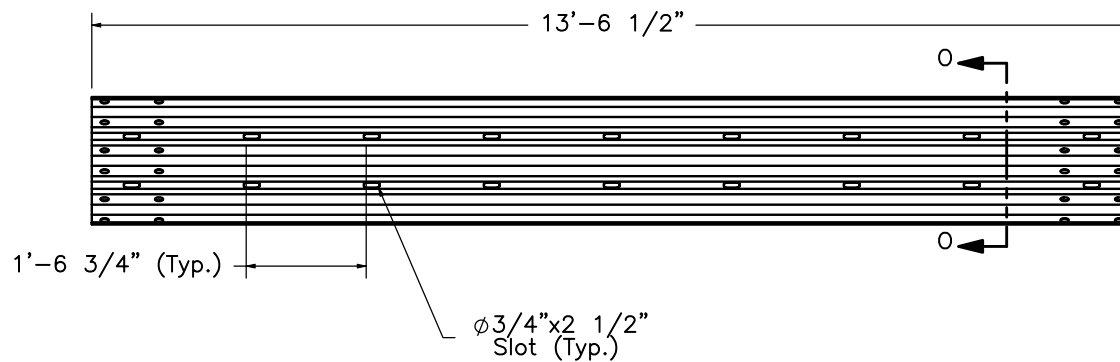
DWG. NAME.
MWT-SP_R4

SCALE: 1:31
UNITS: Inches

SHEET:
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DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR



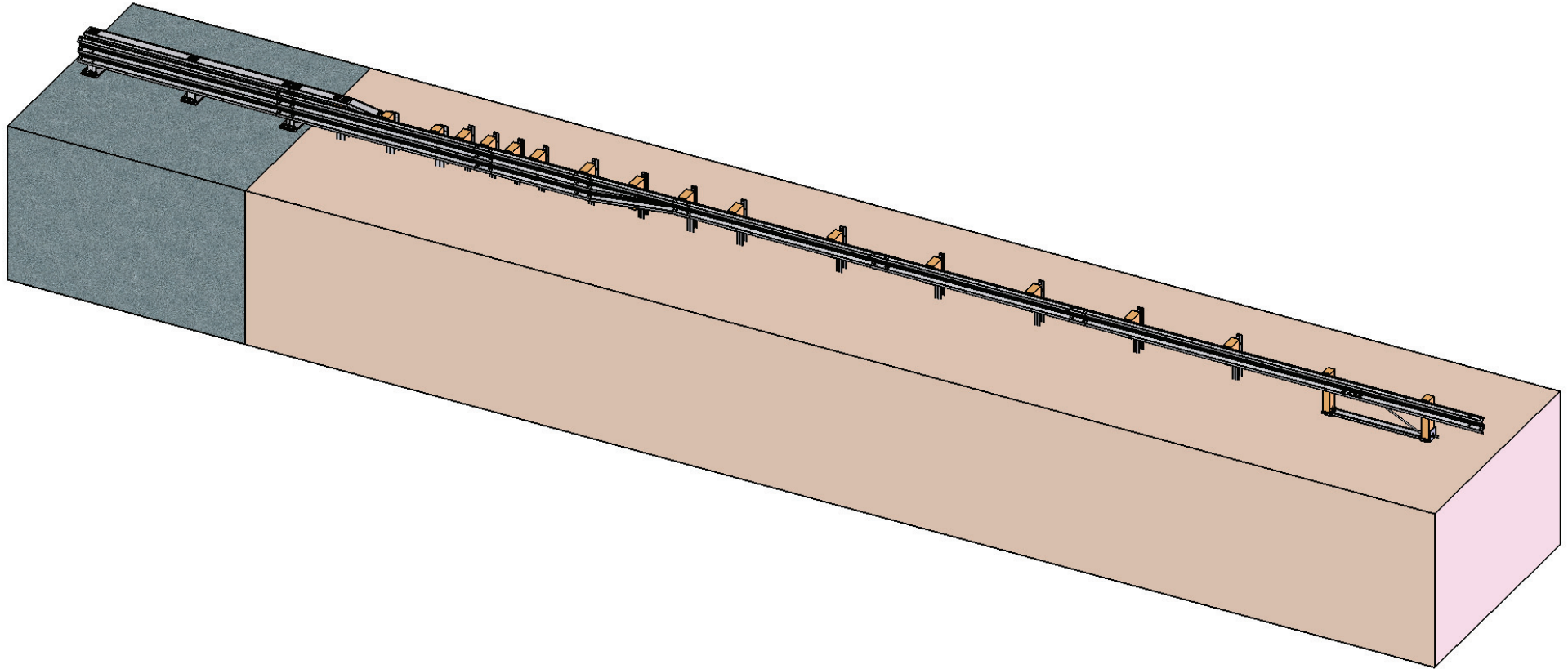
6'-3" Thrie Beam Section, 12 gauge, 1/4 Post Spacing



12'-6" Thrie Beam Section, 12 gauge, 1/4 Post Spacing

SECTION 0-0

	MWT Standard Post		SHEET: 17 of 18
	Rail Section Details		DATE: 1/11/2008
Midwest Roadside Safety Facility	DWG. NAME. MWT-SP_R4		DRAWN BY: EMA
	SCALE: 1:30 UNITS: Inches		REV. BY: KAP/SKR



Midwest Roadside
Safety Facility

MWT Standard Post
Isometric System View

DWG. NAME:
MWT-SP_R4

SCALE: 1:105
UNITS: Inches

SHEET:
18 of 18
DATE:
1/11/2008
DRAWN BY:
EMA
REV. BY:
KAP/SKR