THE FLEAT MGS TERMINAL MANUFACTURED BY ROAD SYSTEMS, INC., 2516 MALLORY LANE, STOW, OHIO, 44224, (TELEPHONE: 330-346-0721). THE PAY LENGTH OF THIS UNIT IS CONSIDERED TO BE 40'-7 1/2"

<table>
<thead>
<tr>
<th>DRAWING NUMBER</th>
<th>DRAWING NAME</th>
<th>REVISION DATE</th>
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</thead>
<tbody>
<tr>
<td>FLT-MGS-W-US</td>
<td>FLARED ENERGY ASORBING TERMINAL - FLEAT ASSEMBLY MIDWEST GUARDRAIL SYSTEM</td>
<td>12/1/2004</td>
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<td></td>
<td>WOOD POST SYSTEM</td>
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<td>FLT-SP-S-MGS</td>
<td>FLEAT-SP-MGS TERMINAL MIDWEST GUARDRAIL SYSTEM 31&quot; TOP OF RAIL</td>
<td>2/24/2010</td>
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![FLEAT MGS Schematic](image)

These drawings are for use with MGS Guradrail ONLY.
PLAN

TRAFFIC

ELEVATION

Impact Head Connection Detail

SECTION A-A
Post #2

Post #1 Connection Detail

GENERAL NOTES:
1. All bolts, nuts, cable assemblies, cable anchors and
   bearing plates shall be galvanized.
2. The lower sections of the Posts #12 shall not protrude
   more than 4 in above the ground (measured along a 90°
   cord).
   Site grading may be necessary to meet this requirement.
3. The lower sections of the hinged posts should not be driven
   with the upper post attached. If the post is placed in a drilled
   hole, the backfill material must be satisfactorily compacted to
   prevent settlement.
4. When competent rock is encountered, a 12" Ø post hole
   20 in. deep cored into the rock surface may be used if
   approved by the engineer for post. Gravel material will be
   placed in the bottom of the hole, approximately 2·5" deep to
   provide drainage. The first post can be field cut to length,
   placed in the hole and backfilled with suitable backfill. The soil
   plate may be trimmed if required.
5. The breakaway cable assembly must be tied. A locking
device (wedge clips or channel lock plates) should be used to
prevent the cable from rotating when tightening nuts.