NOTES:
1. See Detail ET 617-31 for other details.
2. Rail height changes 16 inches from Post 1 to Post 10 to achieve 12 inches of soil coverage at Post 1.
3. Typical post spacing is 6 feet and 3 inches unless otherwise noted.

POST OFFSETS FROM EDGE OF SHOULDER

<table>
<thead>
<tr>
<th>POST</th>
<th>DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13'-11&quot;</td>
</tr>
<tr>
<td>4</td>
<td>10'-12&quot;</td>
</tr>
<tr>
<td>6</td>
<td>8'-10½&quot;</td>
</tr>
<tr>
<td>10</td>
<td>69&quot;</td>
</tr>
</tbody>
</table>

DETAIL A

- 5/8 x 5" bolt
- Washers
- Pipe sleeve spacers
- Field drill 1½" dia. hole in post

DETAIL B

- Steel post
- Wood block
- Shoulder
- V push (typ.)

SECTION A-A

- Steel post
- Shoulder
- Wood block

SECTION B-B

- Steel post
- Shoulder
- Wood block
- Rail (typ.)

SECTION C-C

- Steel post
- Shoulder
- V push (typ.)

SECTION D-D

- Steel post
- Shoulder
- V push (typ.)

ELEVATION ALONG RAIL

- 12 ga. W-beam, 9½-4½" span

ELEVATION

- 16" x 3" guardrail bolt and nut
- 8 or Min. post length required

STEEL POST AND BLOCK DETAIL

U.S. CUSTOMARY DETAIL

MGS W-BEAM GUARDRAIL
BACK SLOPE ANCHOR TERMINAL
TYPE MGS-BAT

Sheet 1 of 2

NO SCALE
NOTES:
1. See Sheet 1 of 2 for terminal layout.
2. Use zinc rich paint to coat field drilled holes.
3. Anchor plate and hardware are typical on top rail of Posts 1-3 and rub rail at Post 4.

SPECIAL RAIL TO POST CONNECTION
AT POSTS 1, 2, AND 3

FIELD DRILL 1" HOLES AS NEEDED FOR 3/4" BOLTS

STEEL PLATE AND WASHER
See Note 3

GALVANIZED SQUARE WASHER

GALVANIZED STEEL PLATE