POST #1 CONNECTION DETAIL

IMPACT HEAD CONNECTION DETAIL

SECTION A-A
Post #2

SECTION B-B
Posts 3 thru 8

SECTION C-C
Anchor Bracket

NOTE: THIS DETAIL MAY BE USED AS AN ALTERNATE TO THE MSKT-SP-MGS TERMINAL TEST LEVEL 2 DETAIL SHORTEN LENGTH TO 25'

GENERAL NOTES:
1. Breakaway posts are required with the SICT.
2. All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
3. The foundation tubes shall not protrude more than 4" above the ground (measured along a 5' cord). Site grading may be necessary to meet this requirement.
4. When competent rock is encountered, a 12" Ø post hole, 20" into the rock surface may be used if approved by the engineer for Posts 1 & 2. Granular material will be placed in the bottom of the hole, approximately 2'5" deep to provide drainage. The first two posts can be field cut to length, placed in the hole and backfilled with adequately compacted material excavated from the hole.
5. The breakaway cable assembly must be last. A locking device (wire grips or channel lock pliers) should be used to prevent the cable from twisting when tightening nuts.
6. A site evaluation should be considered if there is less than 25' between the outlet side of the terminal and any adjacent driving lane.
7. The soil tubes may be driven with an approved driving head. They shall not be driven with the post in the tube.
8. The wood blockouts should be "poe-mailed" to the rectangular wood posts to prevent them from turning when the wood shrinks.

TOTAL WEIGHT:
26.1 lbs

HARDWARE (ALL DIMENSIONS IN INCHES)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>BILL OF MATERIALS</th>
<th>ITEM NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>IMPACT HEAD</td>
<td>S3000</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>W-BEAM END SECTION, 12&quot;-5',12 Ga.</td>
<td>S1303</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
<td>W-BEAM, 12&quot;-5&quot;, 12 Ga.</td>
<td>O1203</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
<td>FOUNDATION TUBE</td>
<td>E731</td>
</tr>
<tr>
<td>E</td>
<td>2</td>
<td>BCT WOOD POST</td>
<td>UP650</td>
</tr>
<tr>
<td>F</td>
<td>1</td>
<td>GROUND STRUT</td>
<td>E780</td>
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<tr>
<td>G</td>
<td>6</td>
<td>CTR WOOD POST</td>
<td>UP671</td>
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<tr>
<td>H</td>
<td>1</td>
<td>BEARING PLATE</td>
<td>E750</td>
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<tr>
<td>J</td>
<td>1</td>
<td>PIPE SLEEVE</td>
<td>E740</td>
</tr>
<tr>
<td>K</td>
<td>1</td>
<td>CABLE ANCHOR BOX</td>
<td>S780</td>
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<tr>
<td>L</td>
<td>1</td>
<td>BCT CABLE ANCHOR ASSEMBLY</td>
<td>E770</td>
</tr>
<tr>
<td>M</td>
<td>6</td>
<td>TIMBER BLOCKOUT OR RECTG. EQUV.</td>
<td>P675</td>
</tr>
</tbody>
</table>

a 24 5/8" x 1 1/4 SPICE BOLT BSB0122
b 2 5/8" x 7 1/2 HEX BOLT BSB0754
b 2 5/8" x 10 HEX BOLT BSB1034
d 1 5/8" x 10 H.G.R. BOLT BSB1022
f 6 5/8" x 18 H.G.R. BOLT BSB1602
g 35 5/8" H.G.R. NUT N050
h 7 5/8" WASHER W050
j 2 1 ANCHOR CABLE HEX NUT N100
j 2 1 ANCHOR CABLE WASHER W100
k 2 3/8" x 3 LAG SCREW E350
m 8 CABLE ANCHOR BOX SHOULDER BOLT SB12A
n 8 1/2 A325 STRUCTURAL NUT S012A
o 8 1/2 STRUCTURAL WASHER W012A

Sequential Kinking Terminal
SKT - Assembly
Wood Post System

Road Systems, Inc.
Big Spring, TX
Sold: 435-263-2435
Technical: 320-346-9725

Sheet: 1
Date: 10/06/12
By: JRR