INDIVIDUAL TIMBER PINNED STEP

<table>
<thead>
<tr>
<th>TYPICAL ID</th>
<th>MORTARY RESISTANT MATERIAL</th>
<th>STEP WIDTH</th>
<th>STEP RISE</th>
<th>STEP RUN</th>
<th>MATERIAL TYPE</th>
<th>SPECIES</th>
<th>EPOXY TYPE</th>
<th>PRESERV TYPE</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITS-1</td>
<td></td>
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N/A WHEN NOT APPLICABLE

2 HOLE
1 INCH DIAMETER
BY 6 INCHES DEEP
16 INCHES C TO C

(2) REBAR NO. 5
12 INCHES LONG

HOLES FILLED WITH
EPoxy ADHESIVE AS
PER MANUFACTURERS
RECOMMENDATIONS

TILT TREAD FRONT
TO BACK 42%

SCREW SURFACES OF STEP
TO CONFORM TO ROCK SURFACE
PLACE OVER REBAR TO PROVIDE A
FIRM, SOLID CONTACT WITH ROCK.

PERSPECTIVE VIEW

NOTES:
1. PRE-DRILL HOLES FOR REBAR TO PREVENT
   SPLITTING OF TIMBER.
2. REMOVE AND DISPOSE OF DUFF AND TOP
   ORGANIC LAYERS DOWN TO MINERAL SOIL.

PRESERVATIVE TREATMENT - (REFER TO AWPA USE CATEGORY SYSTEM)

<table>
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<tr>
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<th>USE CATEGORY</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>P1</td>
<td>WB</td>
<td>UC4A</td>
<td></td>
</tr>
<tr>
<td>P2</td>
<td>WB</td>
<td>UC3B</td>
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<tr>
<td>WB = WATERBORNE</td>
<td>UC4A = GROUND CONTACT - GENERAL USE</td>
</tr>
<tr>
<td>OT = OIL-BORNE</td>
<td>UC3B = ABOVE GROUND - EXPOSED</td>
</tr>
<tr>
<td></td>
<td>UC4B = GROUND CONTACT - HEAVY DUTY</td>
</tr>
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</table>

STEP WIDTH

TOP

BOTTOM

STEP RUN
10 INCH MINIMUM

STEP RISE
10 INCH MAXIMUM

2 INCHES

2 INCHES

STEP