PRECAST CONCRETE BENT COLUMN

HOOPS H=4 @ 1'-0"

BARS M#11

4" Ø STD. PIPE

BARS X=4 THROUGH HOLES IN PIPE

CLASS D WATERPROOFING SEE NOTE 9

4'-11/2" 2'-6"
1'-0" TYP.

FUTURE CAST-IN-PLACE CONCRETE BENT FOOTING

SPECIAL PILE CAP PLATE. SEE DETAIL

HP12x53 BENT PILES

COLUMN SUPPORT DETAIL
SCALE: 1/4"=1'-0"

BARS X#4 (TYP.)

4"Ø STD. PIPE

SPECIAL PILE CAP PLATE

CONTRACTOR MAY TACK WELD PIPE TO SPECIAL PILE CAP PLATE TO PREVENT MOVEMENT AFTER COLUMN IS PLACED IN THE UPRIGHT POSITION

HP12x53 PILE

ISOMETRIC DETAIL
NOT TO SCALE
# GROUTED SPLICE COUPLER DETAILS

## GROUTED SPLICE COUPLER TOLERANCES

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Tolerance</th>
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<tbody>
<tr>
<td>A</td>
<td>SHIM PACK HEIGHT</td>
<td>( \frac{3}{4}'' \pm \frac{3}{8}'' )</td>
</tr>
<tr>
<td>B</td>
<td>DOWEL HEIGHT</td>
<td>Consult manufacturer</td>
</tr>
<tr>
<td>C</td>
<td>LOCATION OF COLUMN REINFORCING, AND GROUTED SPLICE COUPLER, MEASURED FROM A</td>
<td>( \pm \frac{1}{8}'' )</td>
</tr>
<tr>
<td></td>
<td>COMMON REFERENCE POINT</td>
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<tr>
<td>CI</td>
<td>FOOTING DOWEL MEASURED FROM A COMMON REFERENCE POINT</td>
<td>( \pm \frac{1}{8}'' )</td>
</tr>
<tr>
<td>D</td>
<td>GAP BETWEEN DOWELS AND COLUMN REINFORCING</td>
<td>Consult manufacturer</td>
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1. The location tolerance of holes on steel template measured from the shown reference lines is ± 1/4".

2. The contractor shall provide a sample of the footing-to-column and column-to-cap splicing beam to the template fabricator. The fabricator shall not drill the holes until after the sample has been received and he has verified that the hole diameter called for in the plans is large enough for the bar to fit through but not in excess of the maximum outside diameter of the bar by more than 1/4".

3. The contractor, at his option, may propose an alternative template and submit the plan to the bridge engineer for review.