NOTE: EXISTING PILES TO BE COMPLETELY REMOVED

APPROXIMATE LOCATION OF SOIL BORING

DENOTES PLUMB PILE

DENOTES TEST PILE

DENOTES EXISTING PLUMB PILE

DENOTES EXISTING BATTERED PILE

SEE SHEET 5 OF 5 FOR PILE DATA TABLE AND INSTALLATION NOTES

PLAN - PIERS 2 THRU 12 & 15 THRU 18

DETAIL 'A'

CURVE DATA 682-1

CURVE 682-1

SECTION 682-1

END BENT WILL BE PROVIDED.

ONE TEST PILE PER PIER AND ONE TEST PILE PER

ROAD NO.

COUNTY

BY

DESCRIPTION

REVISIONS

DATE

BY

DESCRIPTION

DATE

SHEET NO.

FINANCIAL PROJECT ID

DEPARTMENT OF TRANSPORTATION

STATE OF FLORIDA

REF. DWG. NO.

SHEET TITLE:

PROJECT NAME:

FOUNDATION LAYOUT (SHEET 1 OF 5)

XXX MM-YY

Drawn By:

XXX MM-YY

Checked by:

XXX MM-YY

Designed by:

XXX MM-YY

CHECKED BY:

SHOWING EXISTING PILE REMOVAL

FOUNDATION LAYOUT EXAMPLE 2
NOTE:
EXISTING PILES NOT COMPLETELY REMOVED SHALL
BE CUT OFF IN ACCORDANCE WITH SPECIFICATION NO.
SEE INDEX 20624

SEE SHEET 5 OF 5 FOR PILE
DATA TABLE AND INSTALLATION NOTES

LEGEND

EXISTING PILE TO BE COMPLETELY REMOVED

APPROXIMATE LOCATION OF SOIL BORING

DENOTES PLUMB PILE

DENOTES TEST PILE

:: DENOTES EXISTING PLUMB PILE

::: DENOTES EXISTING BATTERED PILE

ternae DENOTES BATTERED PILE 90°
PILE INSTALLATION NOTES:

- The contractor shall verify locations of all utilities and notify all involved utility companies prior to excavation. Pile driving or construction shall be responsible for making its own determination to avoid damage. The contractor shall assure that active utilities are properly maintained during construction.
- Minimum tip elevation is required for lateral stability or tension capacity at all locations and shall meet the requirements of Section 455 of the specifications.
- End bent piles shall be installed prior to construction of the walls. Before preforming or driving piles at end bent 1, contractor shall ensure bulkhead wall tie-backs. Contact the engineer if tie-backs conflict with proposed pile locations.

When a required jetting elevation is shown, the jet shall be lowered to the elevation and continue to operate at this elevation until the pile driving is complete. If jetting or preforming elevations differ from those shown on the table, the engineer shall be responsible for determining the required jetting resistance.

The contractor should not anticipate being allowed to jet piles below the 100-year scour elevation. At each bent, pile driving is to commence at the center of the bent and proceed outward.

PILE DATA TABLE

<table>
<thead>
<tr>
<th>PILE NO.</th>
<th>PILE SIZE (in.)</th>
<th>NOMINAL BEARING RESISTANCE (tons)</th>
<th>TENSION RESISTANCE (tons)</th>
<th>MINIMUM TIP ELEVATION (ft.)</th>
<th>TEST PILE LENGTH (ft.)</th>
<th>REQUIRED JET ELEVATION (ft.)</th>
<th>REQUIRED PREFORM ELEVATION (ft.)</th>
<th>FACTORED DESIGN LOAD (tons)</th>
<th>TOTAL SCOUR ELEVATION (ft.)</th>
<th>MINIMUM TIP ELEVATION (ft.)</th>
<th>END BENT 1 ELEVATION</th>
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<td>-49</td>
<td>80</td>
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<td>240</td>
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<td>1 + 16 L &amp; R</td>
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<td>1 + 16 L &amp; R</td>
</tr>
</tbody>
</table>

# $ is based on the use of dynamic load test.