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

NOTE:
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

PLAN - PIERS 2 THRU 12 & 15 THRU 18

DETAIL 'A'

BRIIDGE NO. XXXXXX

CENTRAL OFFICE
605 Suwannee Street, MS 33
Tallahassee, Florida 32309-0450

DEPARTMENT OF TRANSPORTATION
STATE OF FLORIDA

FOUNDATION LAYOUT (SHEET 1 OF 5)

FOUNDATION LAYOUT EXAMPLE 2
SHOWING EXISTING PILE REMOVAL
NOTES:
FENDER SYSTEM PILES NOT SHOWN.
SEE SHEET BK-XX FOR DETAILS.

LEGEND
- EXISTING PILE TO BE COMPLETELY REMOVED
- APPROXIMATE LOCATION OF SOIL LOOSING
- DENOTES PLUMB PILE
- DENOTES TEST PILE
- DENOTES EXISTING PLUMB PILE
- DENOTES EXISTING BATTERED PILE

NOTES:
EXISTING PILES NOT COMPLETELY REMOVED.
SHALL BE CUT OFF IN ACCORDANCE WITH
SPECIFICATION NO.
SEE SHEET 5 OF 5 FOR PILE
DATA TABLE AND INSTALLATION NOTES.
DATA TABLE AND INSTALLATION NOTES
SEE SHEET 5 OF 5 FOR PILE
DATA TABLE AND INSTALLATION NOTES

NOTES:
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
- DENOTES BATTERED PILE 2X2

FOUNDATION LAYOUT EXAMPLE 2
SHOWING EXISTING PILE REMOVAL
### PILE INSTALLATION NOTES:

The contractor shall verify the 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.

Pile spacings are measured horizontally along front face back wall at bottom of the end bent cap and along & Pier at Bottom of pile cap.

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 performing or driving piles at end bent 1, contractor shall exhaust bulkhead wall tie-shocks. 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 completed. If jetting or performing elevations differ from those shown on the table, the engineer shall be responsible for determination of 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>INSTALLATION CRITERIA</th>
<th>DESIGN CRITERIA</th>
<th>PILE CUT-OFF ELEVATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIER or BENT NUMBER</td>
<td>PILE SIZE (in.)</td>
<td>NOMINAL BEARING RESISTANCE (tons)</td>
</tr>
<tr>
<td>END BENT 1</td>
<td>24</td>
<td>369</td>
</tr>
<tr>
<td>PIER 2</td>
<td>24</td>
<td>368</td>
</tr>
<tr>
<td>PIER 3</td>
<td>24</td>
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</tr>
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<td>PIER 18</td>
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<td>358</td>
</tr>
<tr>
<td>END BENT 19</td>
<td>24</td>
<td>409</td>
</tr>
</tbody>
</table>

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

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