

FOUNDATION LAYOUT

(DIMENSIONS LOCATING PILES ARE SHOWN TO PILE CENTERLINE)

FOUNDATION NOTES

PILES AT END BENT NO. 1 & 2 SHALL BE DRIVEN TO A MINIMUM BEARING CAPACITY OF 50 TONS EACH.

PILES AT BENT NO. 1 SHALL BE DRIVEN TO AN ELEVATION NO HIGHER THAN 61.0 FEET AND SATISFY THE BEARING CAPACITY OF 100 TONS EACH.

PILES AT BENT NO. 2 SHALL BE DRIVEN TO AN ELEVATION NO HIGHER THAN 63.0 FEET AND SATISFY THE BEARING CAPACITY OF 100 TONS EACH.

WHEN DRIVING PILES, THE MAXIMUM BLOW COUNT SHALL NOT BE EXCEEDED.

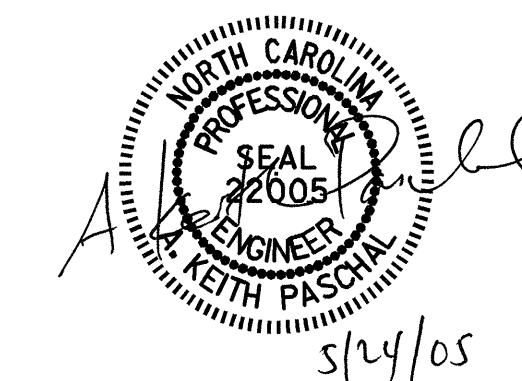
IT HAS BEEN ESTIMATED THAT A HAMMER WITH AN EQUIVALENT ENERGY IN THE RANGE OF 40,000 FT-LB TO 75,000 FT-LB PER BLOW WILL BE REQUIRED TO DRIVE THE PP 24 X 0.5 PIPE PILES. THIS ESTIMATED ENERGY RANGE DOES NOT RELEASE THE CONTRACTOR FROM THE PROVISIONS OUTLINED IN ARTICLE 450-6 OF THE STANDARD SPECIFICATIONS.

THE PP 24 X 0.5 PIPE PILES AT BENT NO. 1 AND BENT NO. 2 SHALL BE DRIVEN OPEN ENDED.

PROJECT NO. B-3681
NASH/EDGEcombe COUNTY
 STATION: 18+89.64 -L-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 BRIDGE ON SR 1555 OVER
 CSX RAILROAD BETWEEN US 301
 BUSINESS (N. CHURCH STREET) &
 NC 97 (ATLANTIC AVENUE)
 (ROCKY MOUNT)



DRAWN BY : K. McCauley DATE : 12/7/04
 CHECKED BY : A. M. Keeter DATE : 1/27/05

24-MAY-2005 11:07
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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			36