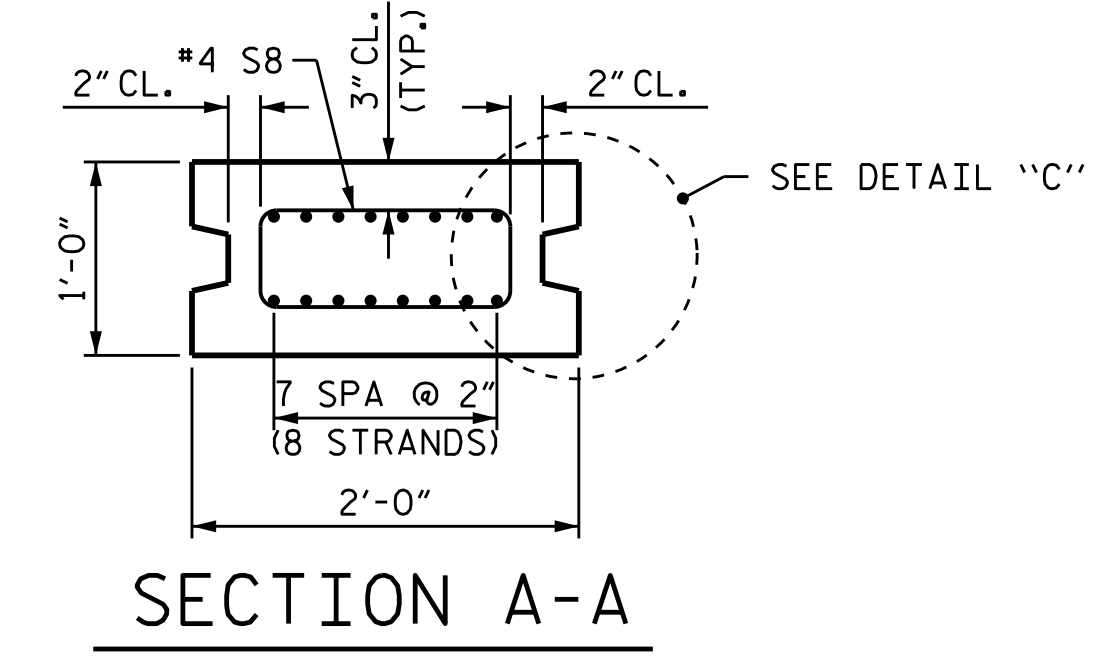
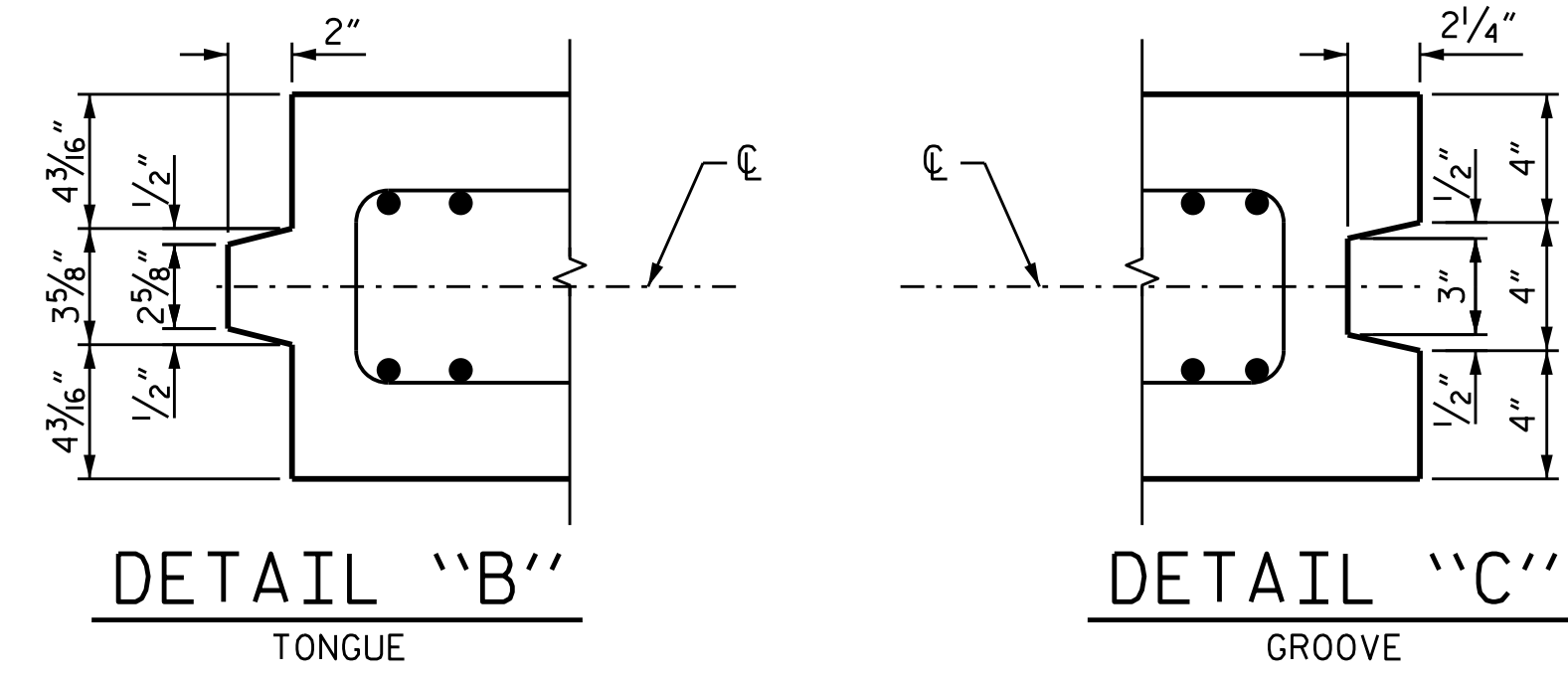


PILE TYPE A6  
(MODIFIED A4 PILE, 2'-0")

0.6" Ø L. R. GRADE 270 STRANDS		
AREA (SQUARE INCHES)	ULTIMATE STRENGTH (LBS. PER STRAND)	APPLIED PRESTRESS (LBS. PER STRAND)
0.217	58,600	43,950

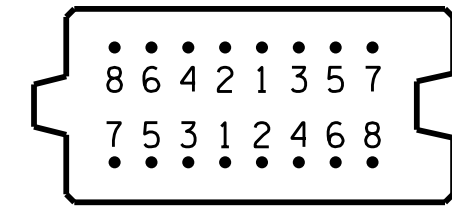


SECTION A-A



DETAIL "B"  
TONGUE

DETAIL "C"  
GROOVE



PATTERN FOR BURNING

SEE CONCRETE SHEET PILE RETAINING WALL SHEET PILE DETAILS, SHEET 7 OF 11, FOR NOTES.

BILL OF MATERIAL					
A6 (MODIFIED A4, 2'-0")					
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
S8	12	#4	1	4'-4"	35
S9	27	#4	1	4'-8"	84
S10	1	#4	1	4'-1"	3
S11	1	#4	1	3'-5"	2
V1	2	#5	2	24'-4"	51

BAR TYPES	
1	6"
S8	1'-3 1/2"
S9	1'-5 1/2"
S10	1'-2"
S11	10"
2	23'-4" 8 1/2" 1'-0"

ALL BAR DIMENSIONING ARE OUT-TO-OUT

QUANTITIES FOR ONE PILE			
PILE	REINFORCING STEEL	8,000 PSI CONCRETE	0.6" Ø L. R. STRANDS
	LB.	C.Y.	No.
A6 (MODIFIED A4)	175	2.4	16

PROJECT NO. B-2500AB  
DARE COUNTY  
 STATION: 3170+75.00 -L-

SHEET 8 OF 11



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 CONCRETE SHEET PILE  
 RETAINING WALL  
 SHEET PILE DETAILS

DRAWN BY : T. M. GARRISON, P.E. DATE : 6/15  
 CHECKED BY : M. A. ALLEN DATE : 6/15  
 DESIGN ENGINEER OF RECORD: T. M. GARRISON, P.E. DATE : 6/15

REVISIONS						SHEET NO. W-8
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 13
2			4			