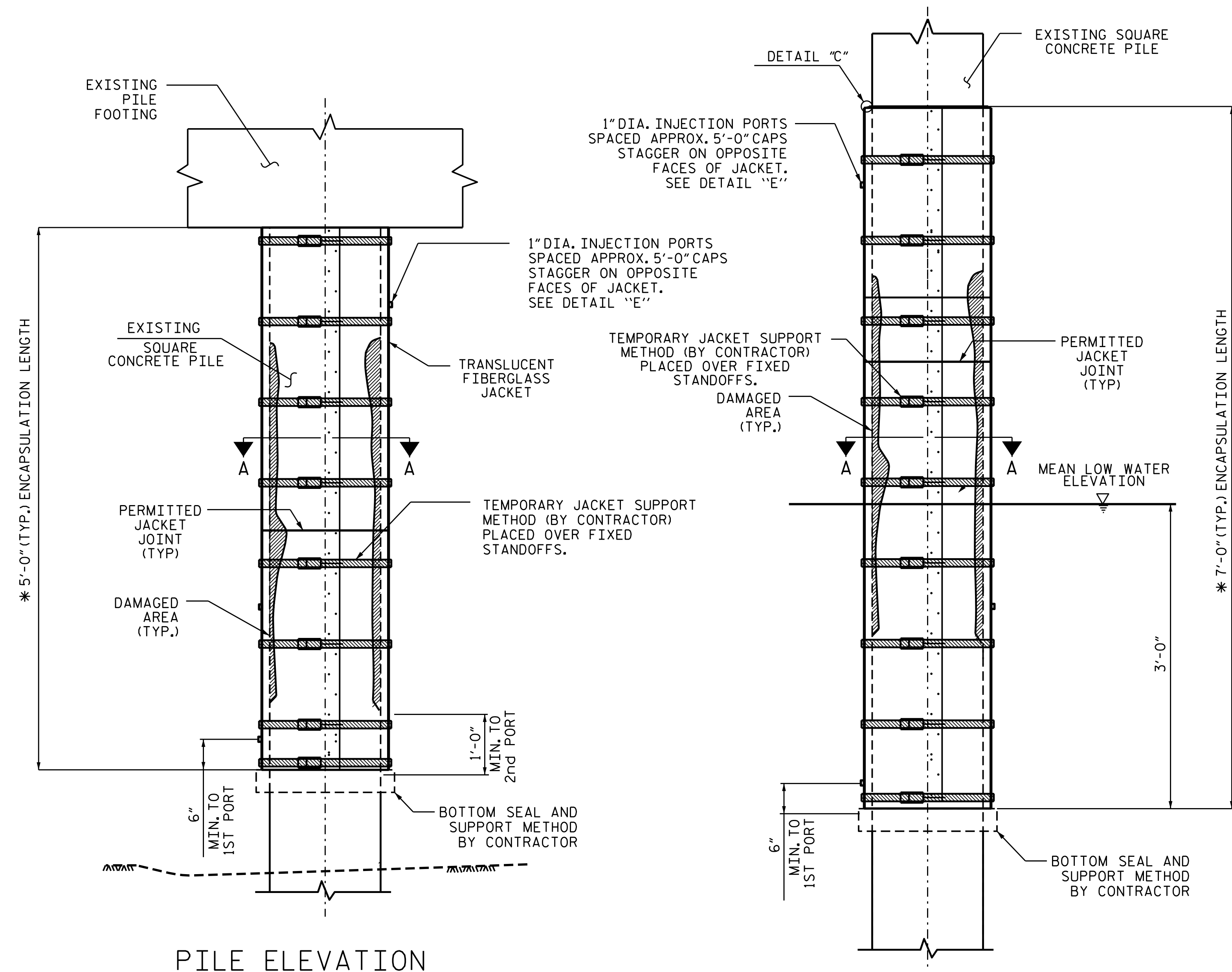


NOTES:

ALL EXISTING PILES ARE 20" SQUARE PRESTRESSED CONCRETE PILES.
 SEE PILE ENCAPSULATION REPAIR TABLE SHT S1-95 FOR ESTIMATED ENCAPSULATION LENGTH.
 FOR PILE ENCAPSULATION, SEE SPECIAL PROVISIONS.

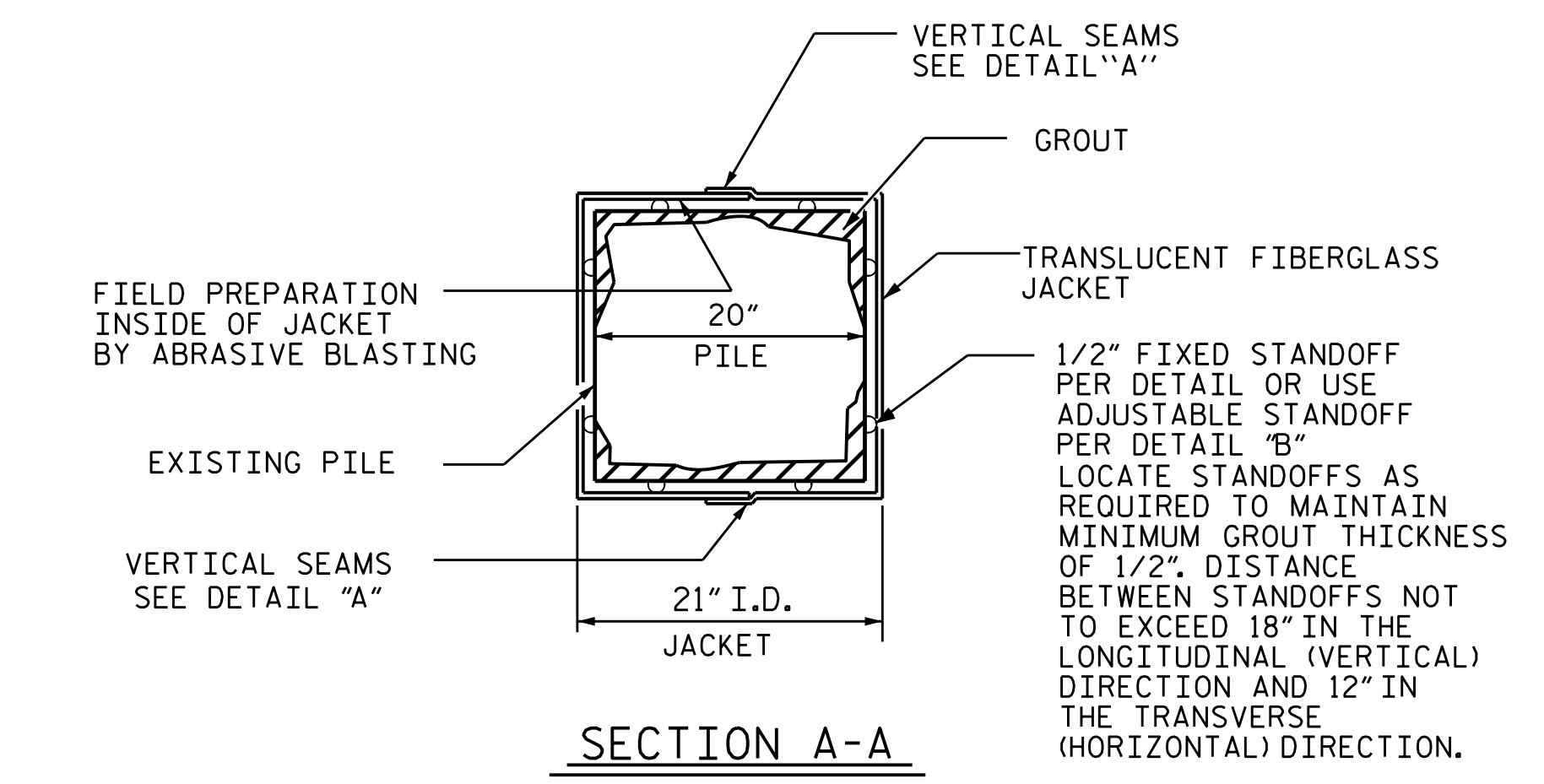


PILE ELEVATION

* REFER TO SHT S1-95 FOR ENCAPSULATION LENGTH (TYPICAL FOR BENTS 15-21,25,27,28,31-34,37,38,41-43)

PILE ELEVATION

* REFER TO SHT S1-95 FOR ENCAPSULATION LENGTH (TYPICAL FOR BENTS 2,3,5,7,8,11,12,13,44)



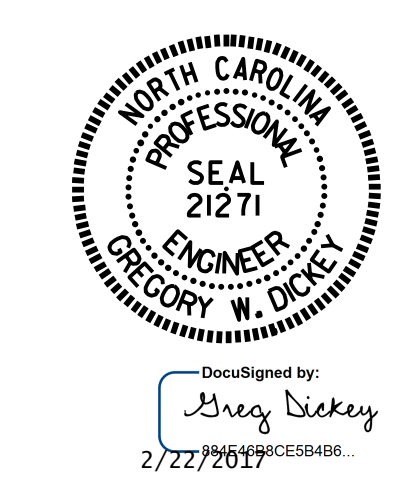
SECTION A-A

REPAIR SEQUENCES

1. AFTER SURFACE PREPARATION, PLACE JACKET IN PROPER LOCATION AROUND PILE AND SEAL LONGITUDINAL SEAMS (SEE DETAIL "A"). INSTALL TEMPORARY BRACING.
2. CONFIRM SPACING BETWEEN JACKET AND PILE. INSTALL BOTTOM SEAL ALLOW BOTTOM SEAL TO CURE APPROX 4 HOURS.
3. ATTACH GROUT HOSE TO LOWERMOST INJECTION PORT AND PUMP A-P-E GROUT FOR 30-SEC. CHECK FOR LEAKS ALONG SEAMS AND BOTTOM SEAL (OPTIONALLY ALLOW THIS GROUT TO CURE AND PROCEED WITH GROUT INJECTION FROM 2ND PORT).
4. PLUG UPPER INJECTION PORTS AND PUMP GROUT INTO LOWER PORT UNTIL GROUT REACHES TOP OF JACKET. ONLY USE UPPER PORTS IF INJECTION BECOMES DIFFICULT.

PROJECT NO. B-5938
 CARTERET COUNTY
 BRIDGE NO. 68

SHEET 2 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

PILE ENCAPSULATION DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			S1-96
2			4			

DRAWN BY : P.D. BRYANT DATE : 01/2017
 CHECKED BY : R. WEISZ DATE : 02/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED