

## REPAIR QUANTITY TABLE

BENT 1	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIR	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP (VERTICAL FACE)	1.3	0.7		
CAP (HORIZONTAL FACE)	0.0	0.0		
COLUMN	7.0	3.5		
CONCRETE REPAIR				
CAP (VERTICAL FACE)	3.9	2.0		
CAP (HORIZONTAL FACE)	5.1	2.6		
COLUMN	0.0	0.0		
EPOXY RESIN INJECTION		LF	LF	LF
CAP		4.0		
COLUMN		0.0		

VALUES IN CHART REPRESENT ESTIMATED REPAIR QUANTITIES AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CL TO SAWCUT. SEE REPAIR DETAILS.

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE INSPECTOR OR ENGINEER, THE CONTRACTOR SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

FOR CAP AND COLUMN REPAIR DETAILS, SEE "TYPICAL CAP AND COLUMN REPAIR DETAILS" SHEET.

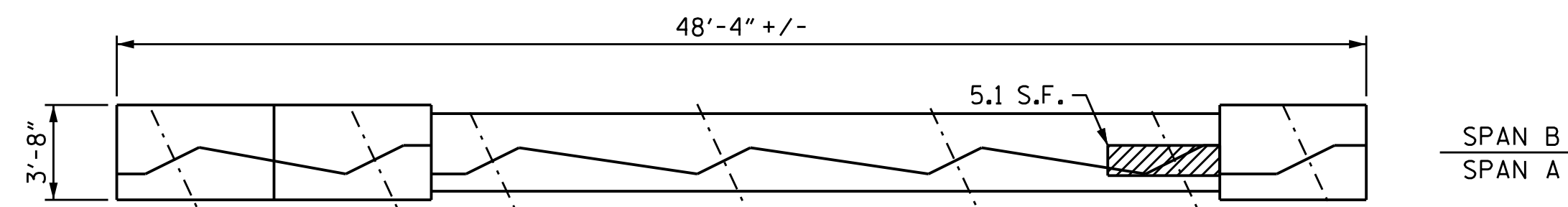
FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

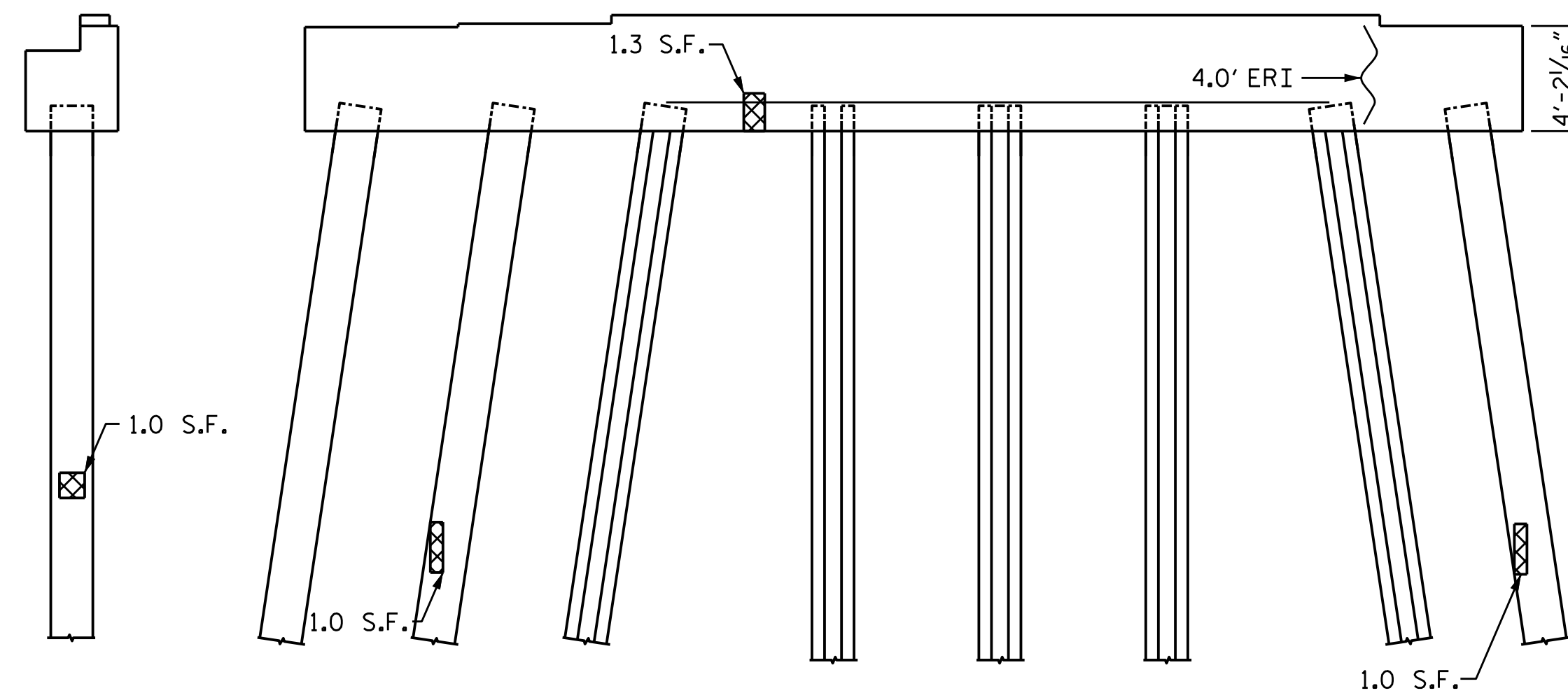
FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

CONCRETE REPAIRS MAY BE SUBSTITUTED IN LIEU OF SHOTCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

FOR BRIDGE JACKING, SEE BRIDGE JACKING DETAILS SHEET.



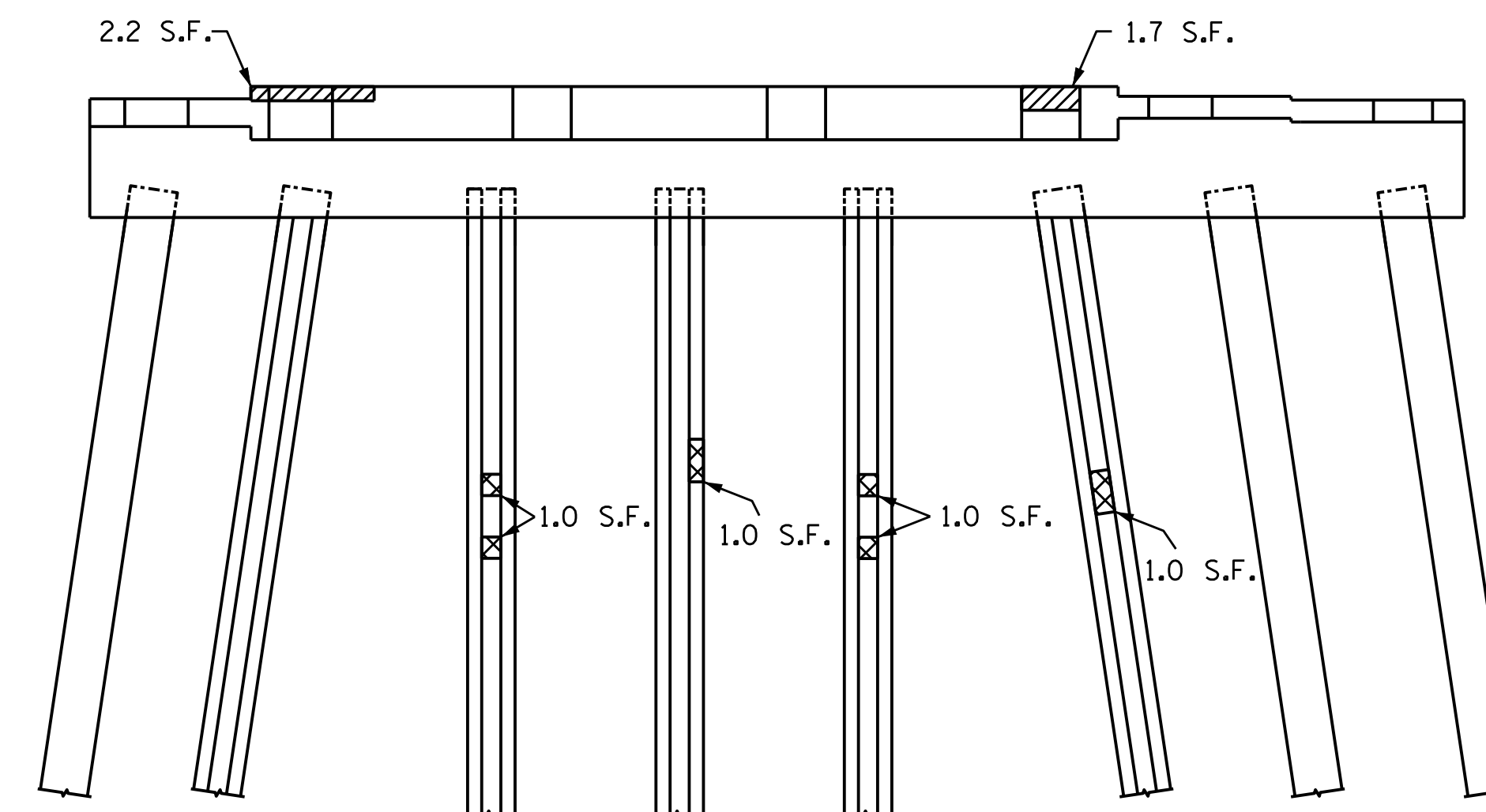
**PLAN**  
(TOP OF CAP)



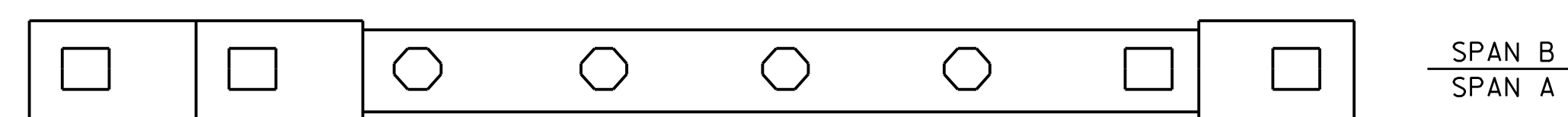
**END VIEW**  
(WEST FACE)

**ELEVATION**  
(NORTH FACE)

**END VIEW**  
(EAST FACE)



**ELEVATION**  
(SOUTH FACE)



**PLAN**  
(BOTTOM OF CAP)

### REPAIR KEY

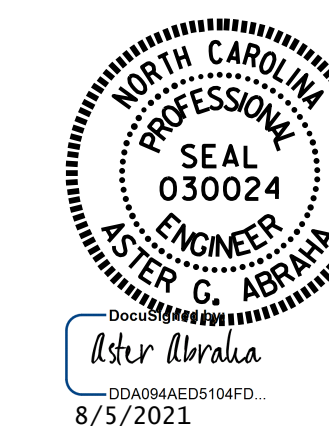
- CONCRETE REPAIR AREA (FORM AND POUR)
- SHOTCRETE REPAIR AREA
- EPOXY RESIN INJECTION (ERI)

PROJECT NO. HI-0008  
JOHNSTON COUNTY  
 BRIDGE NO. 500107

SHEET 1 OF 5

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUBSTRUCTURE**  
**BENT 1**



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			48
2			4			

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

DRAWN BY : A. Y. GODFREY / G. AYES DATE : 04/2021  
 CHECKED BY : S. WANCE DATE : 07/2021