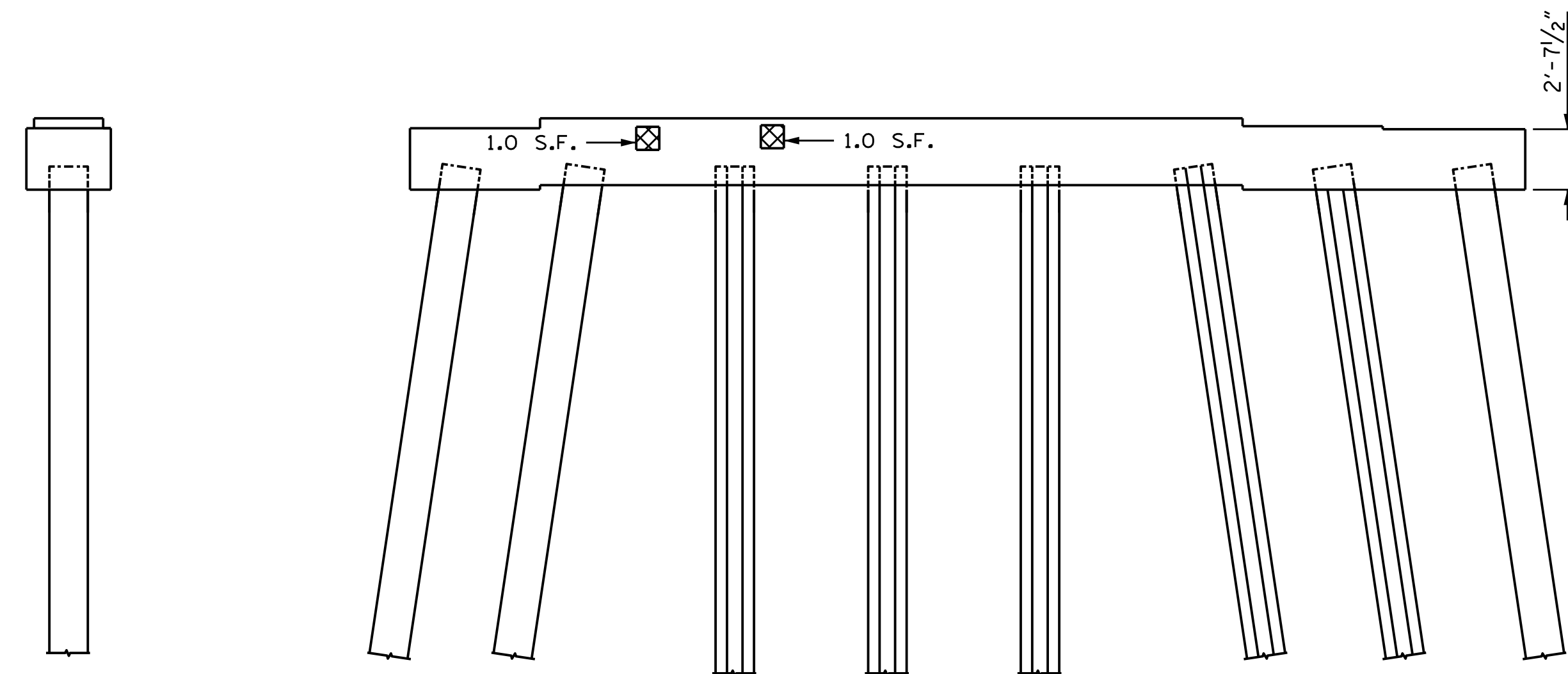
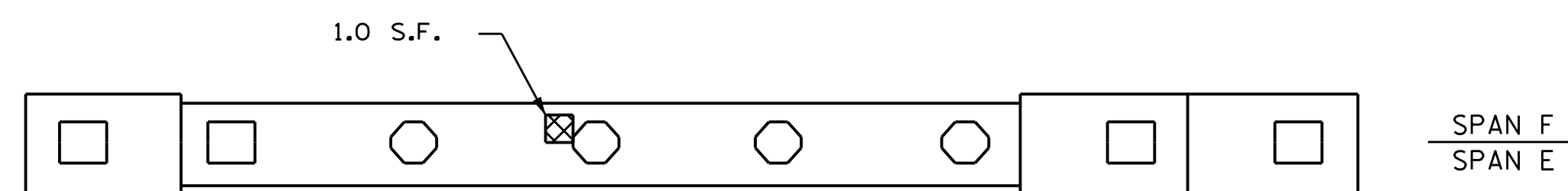


PLAN
(TOP OF CAP)

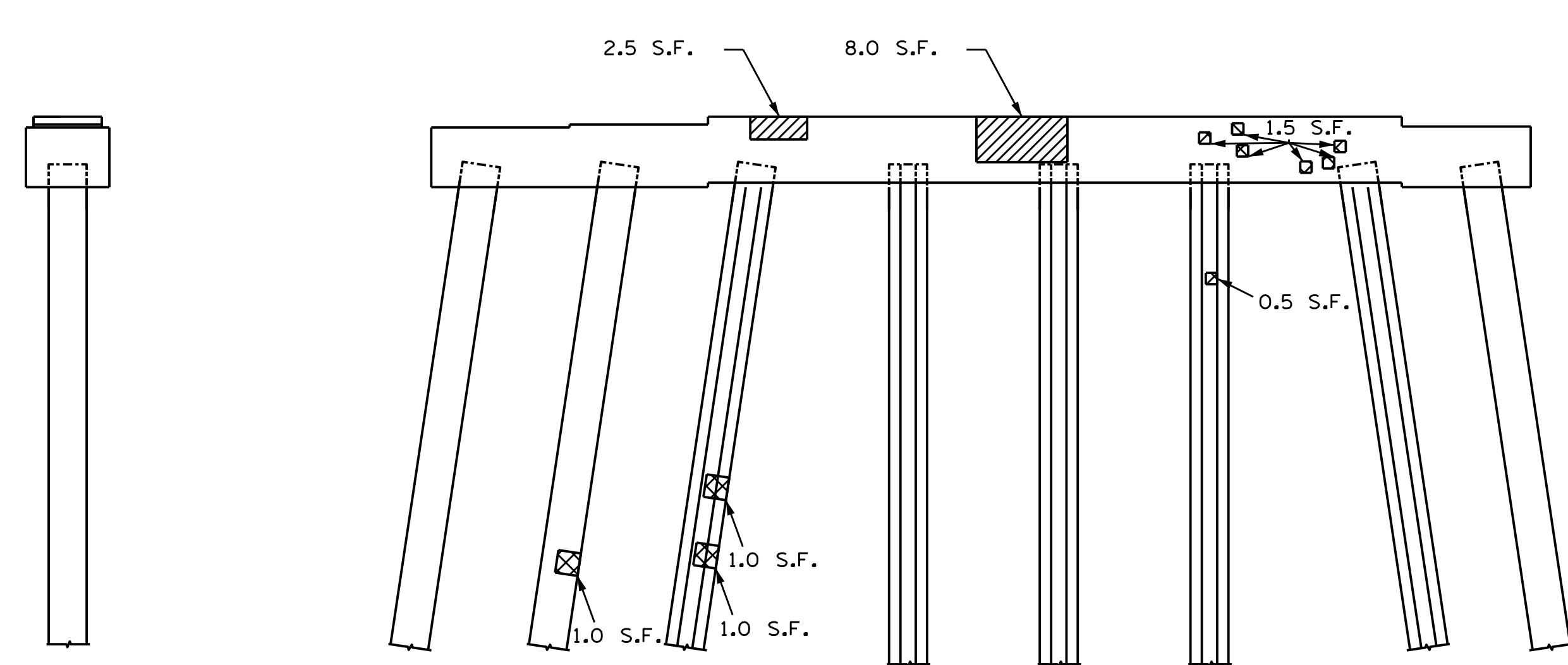


END VIEW
(WEST FACE)

ELEVATION
(SOUTH FACE)



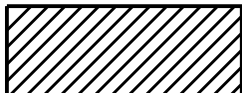
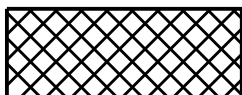

PLAN
(BOTTOM OF CAP)



END VIEW
(EAST FACE)

ELEVATION
(NORTH FACE)

REPAIR KEY

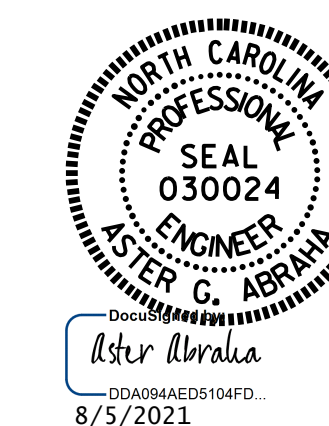
-  CONCRETE REPAIR AREA (FORM AND POUR)
-  SHOTCRETE REPAIR AREA
-  EPOXY RESIN INJECTION (ERI)

REPAIR QUANTITY TABLE				
BENT 5	QUANTITIES			
	ESTIMATE		ACTUAL	
SHOTCRETE REPAIR	AREA SF	VOLUME CF	AREA SF	VOLUME CF
CAP (VERTICAL FACE)	3.5	1.8		
CAP (HORIZONTAL FACE)	1.0	0.5		
COLUMN	3.5	1.8		
CONCRETE REPAIR				
CAP (VERTICAL FACE)	10.5	5.3		
CAP (HORIZONTAL FACE)	3.8	1.9		
COLUMN	0.0	0.0		
EPOXY RESIN INJECTION		LF	LF	LF
CAP		0.0		
COLUMN		0.0		

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

PROJECT NO. HI-0008
JOHNSTON COUNTY
 BRIDGE NO. 500106

SHEET 5 OF 5



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
SUBSTRUCTURE
BENT 5

DRAWN BY : A. Y. GODFREY / G. AYES DATE : 05/2021
 CHECKED BY : S. WANCE DATE : 07/2021

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-19
1			3			TOTAL SHEETS
2			4			48