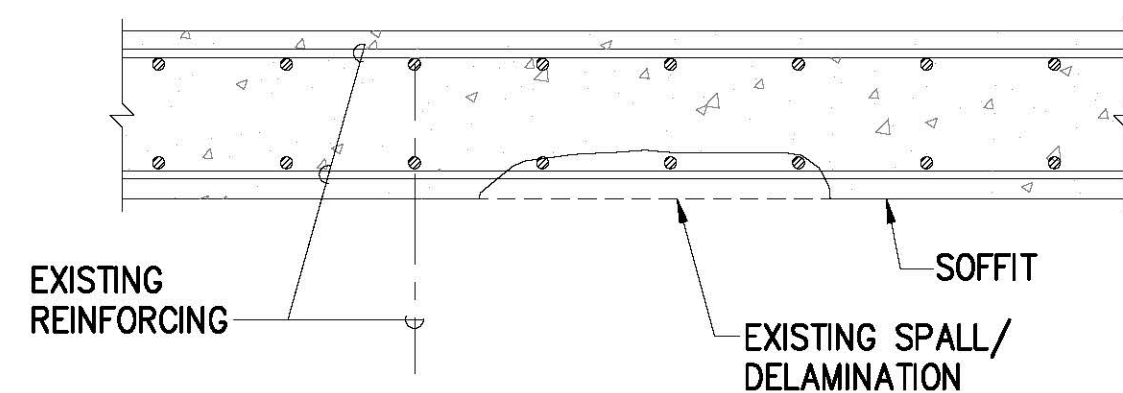


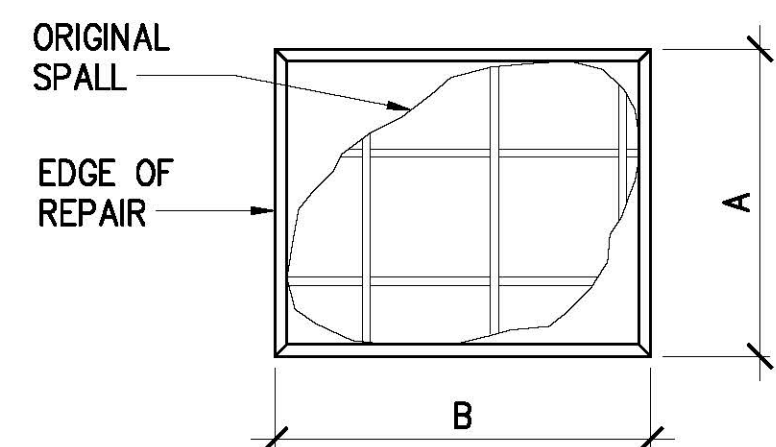
EXISTING SPALL AREA =  $X \times Y$

SOFFIT PLAN



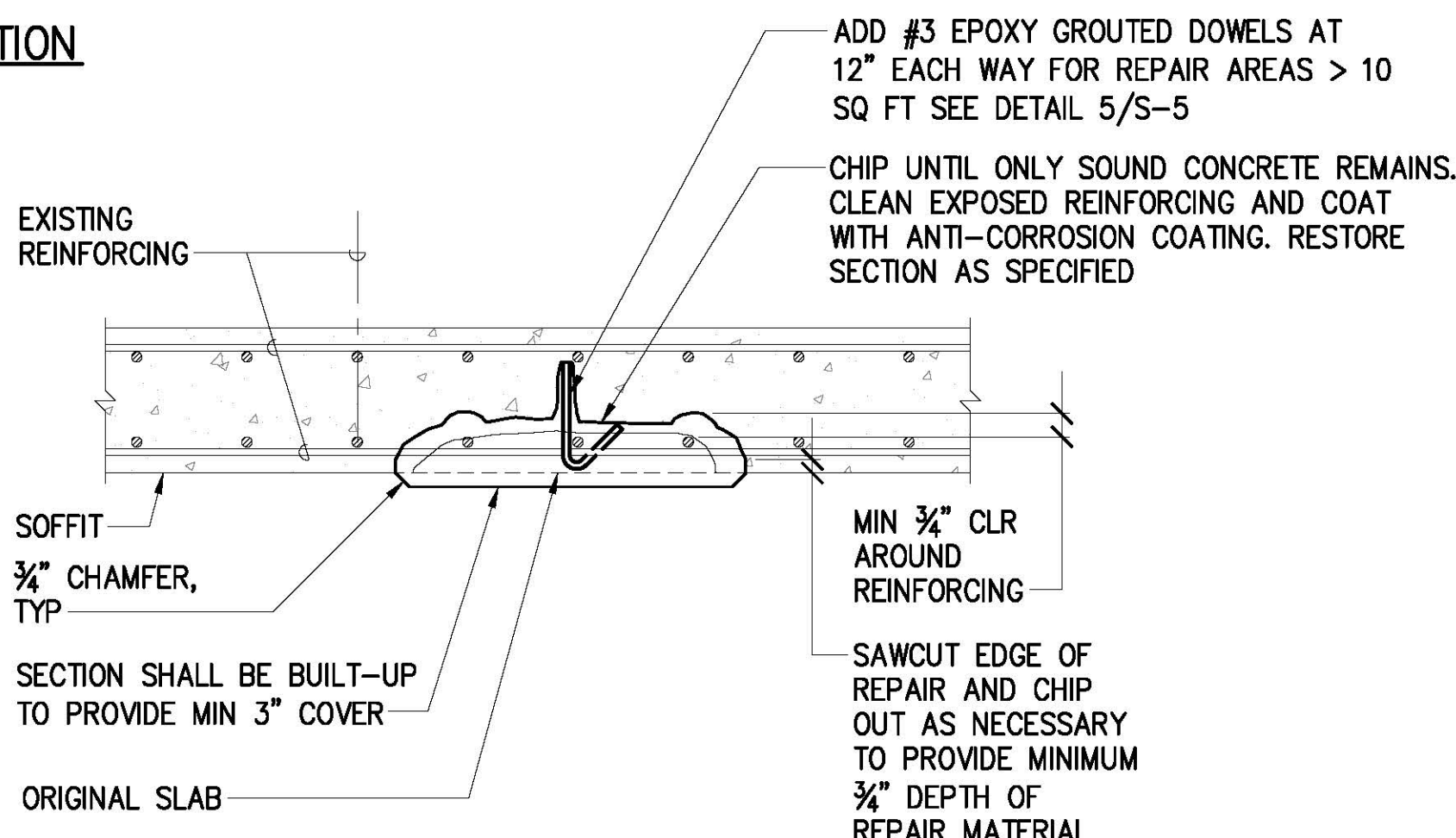
SECTION

EXISTING CONDITION



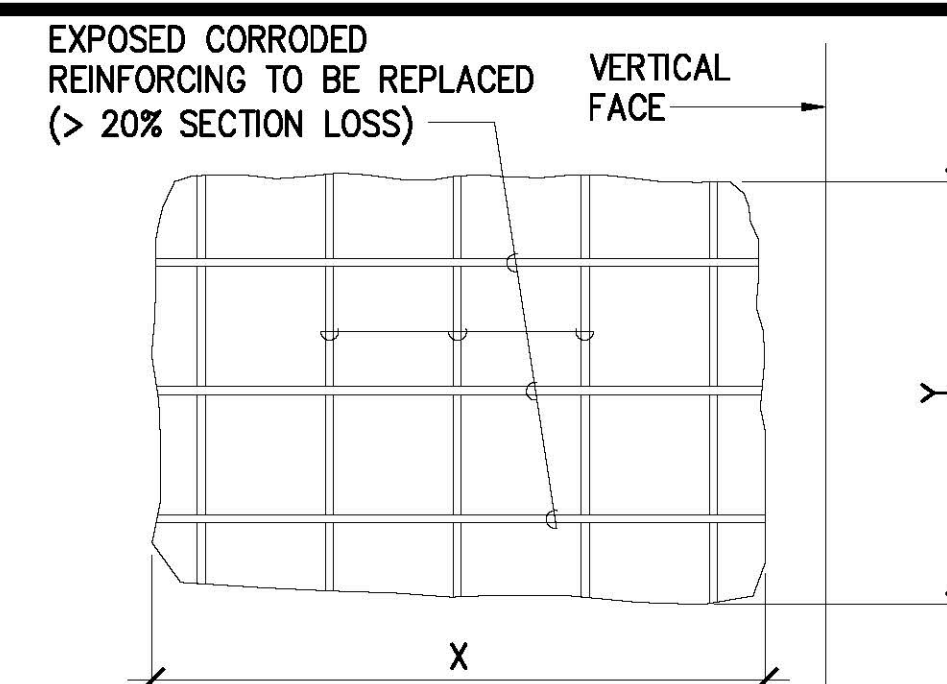
PAY AREA =  $A \times B$

SOFFIT PLAN

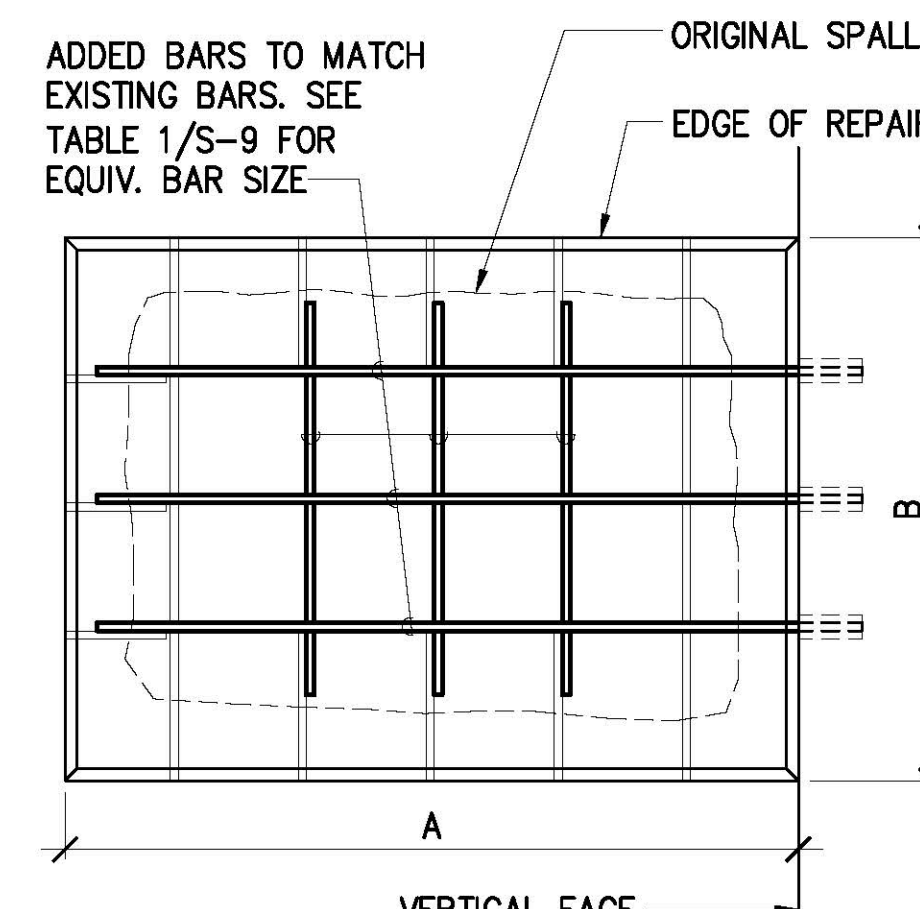


SECTION

REPAIRED CONDITION



SOFFIT PLAN



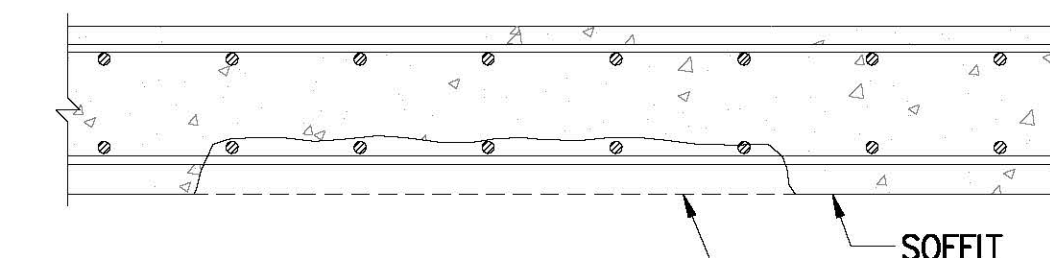
PAY AREA =  $A \times B$

SOFFIT PLAN

SLAB SOFFIT SPALL REPAIR WITH REINFORCING STEEL REPLACEMENT (TYPE SR)

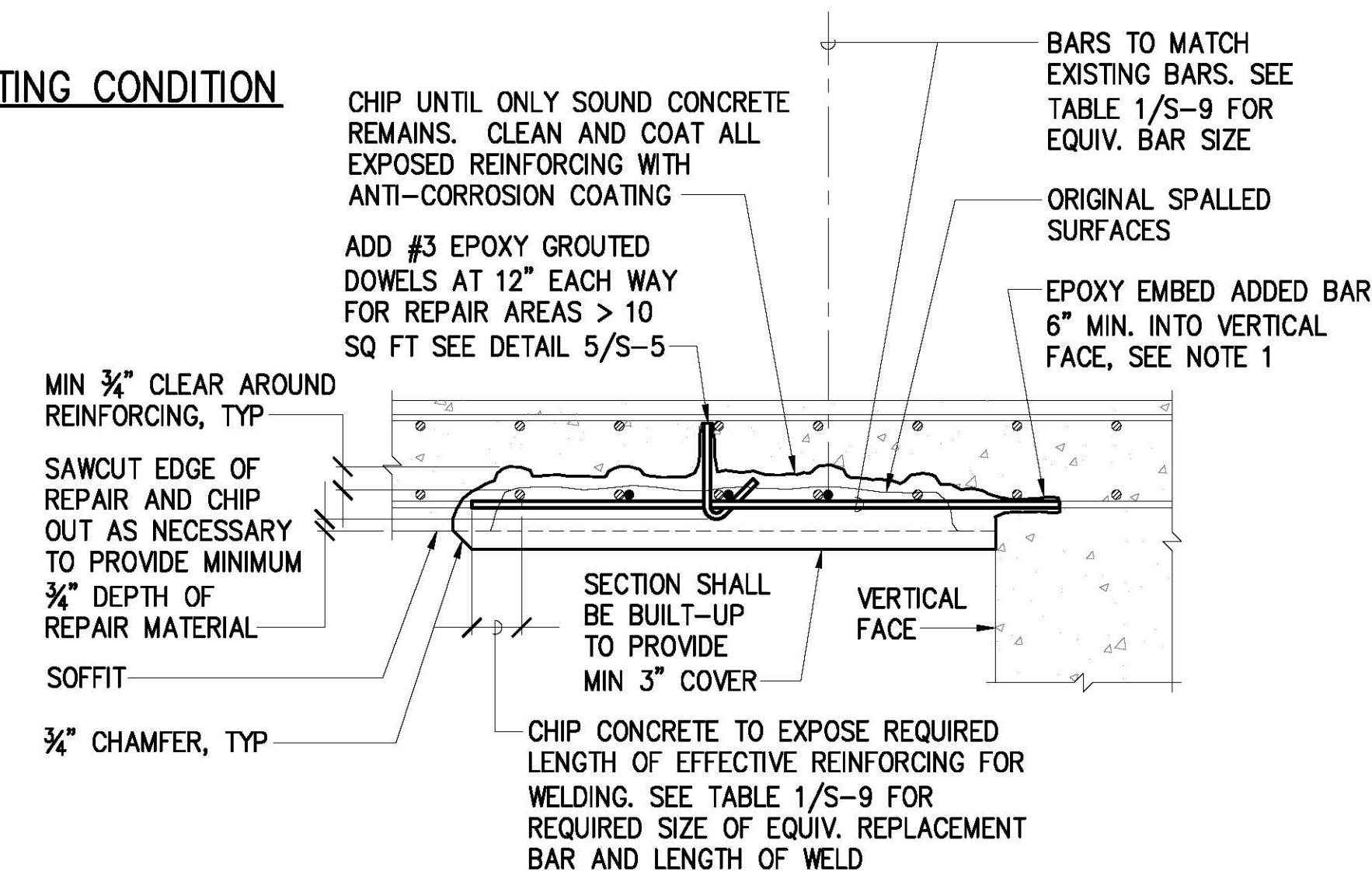
2  
S-5

NOT TO SCALE



SECTION

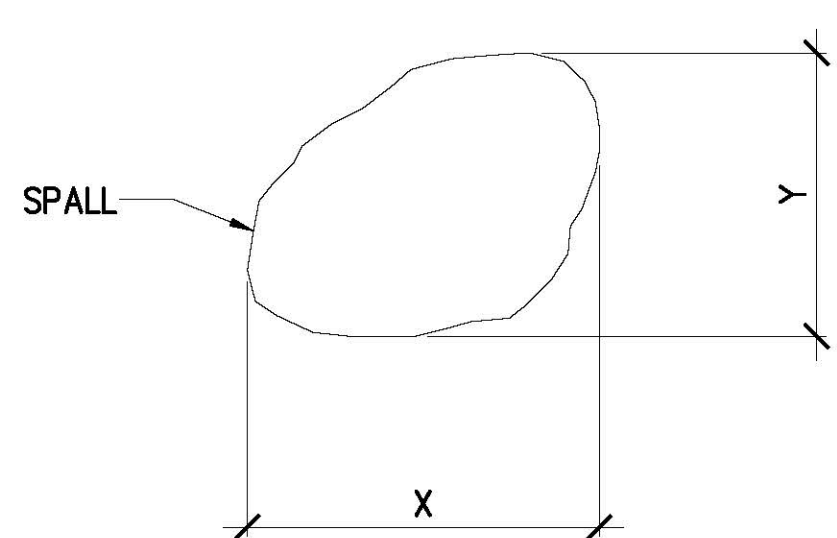
EXISTING CONDITION



SECTION

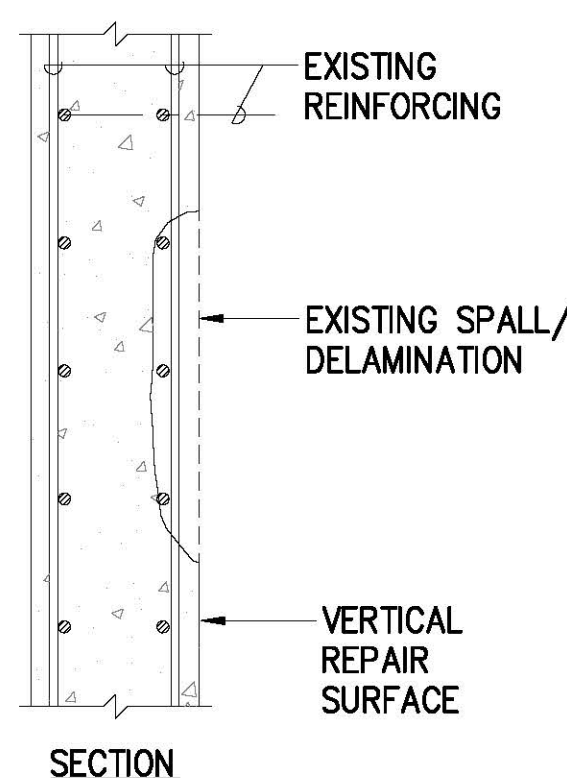
REPAIRED CONDITION

NOTE:  
1. NOTIFY CONSTRUCTION ENGINEER IF EPOXY EMBED BARS ARE LARGER THAN #5 BARS.



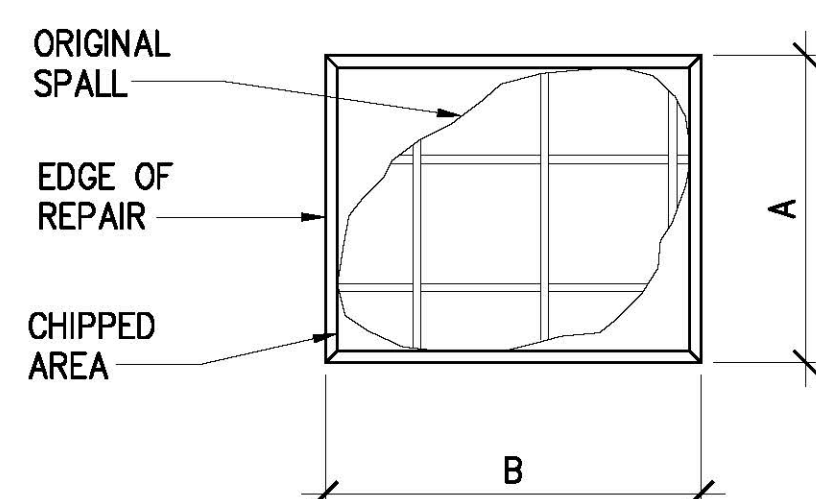
EXISTING SPALL AREA =  $X \times Y$

ELEVATION



SECTION

EXISTING CONDITION

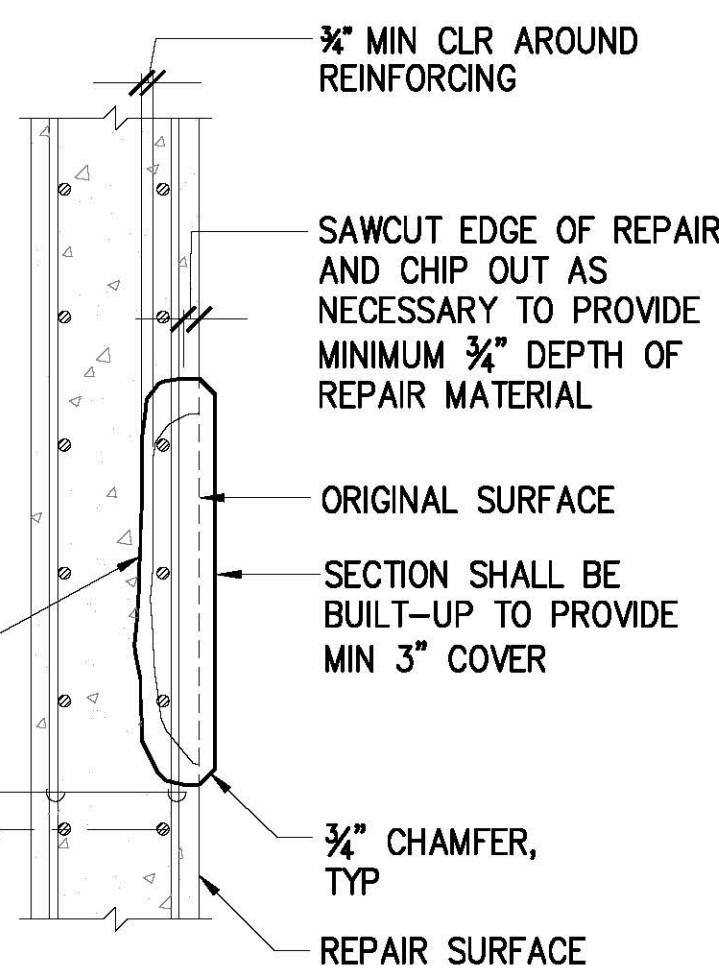


ELEVATION

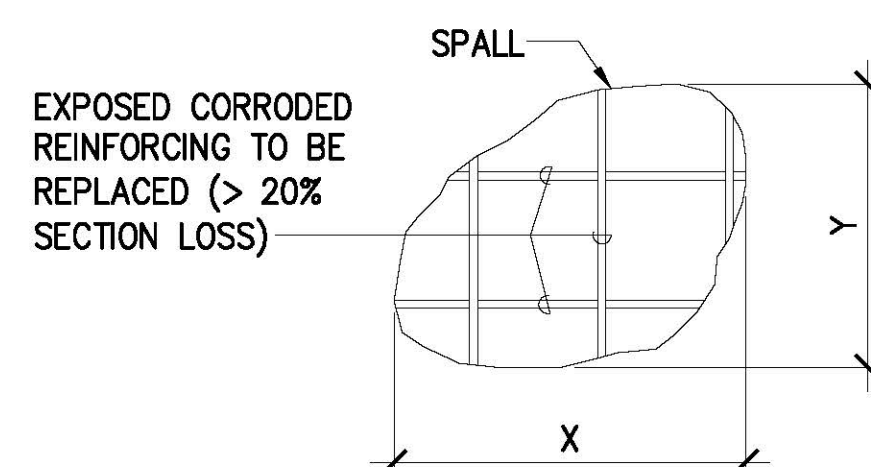
CHIP UNTIL ONLY SOUND CONCRETE REMAINS. CLEAN EXPOSED REINFORCING AND COAT WITH ANTI-CORROSION COATING. RESTORE SECTION AS SPECIFIED

PAY AREA =  $A \times B$

REPAIRED CONDITION

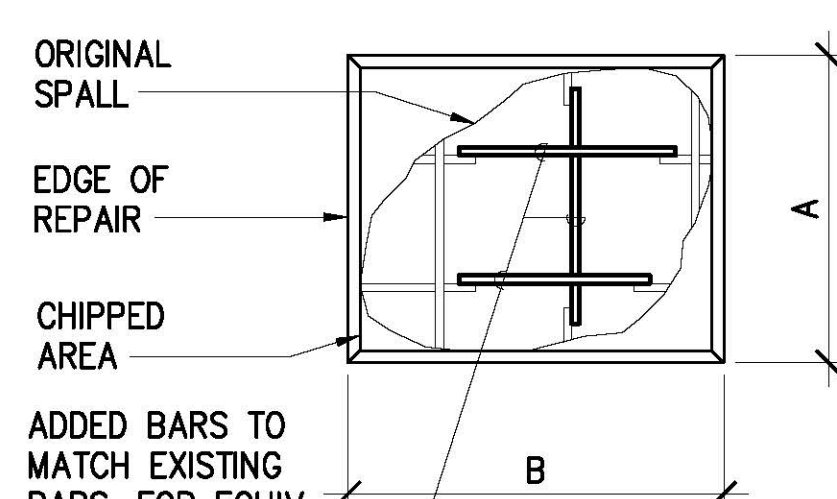


SECTION



EXISTING SPALL AREA =  $X \times Y$

ELEVATION



ELEVATION

ADDED BARS TO MATCH EXISTING BARS. FOR EQUIV. BAR SIZE, SEE DETAIL 1/S-9

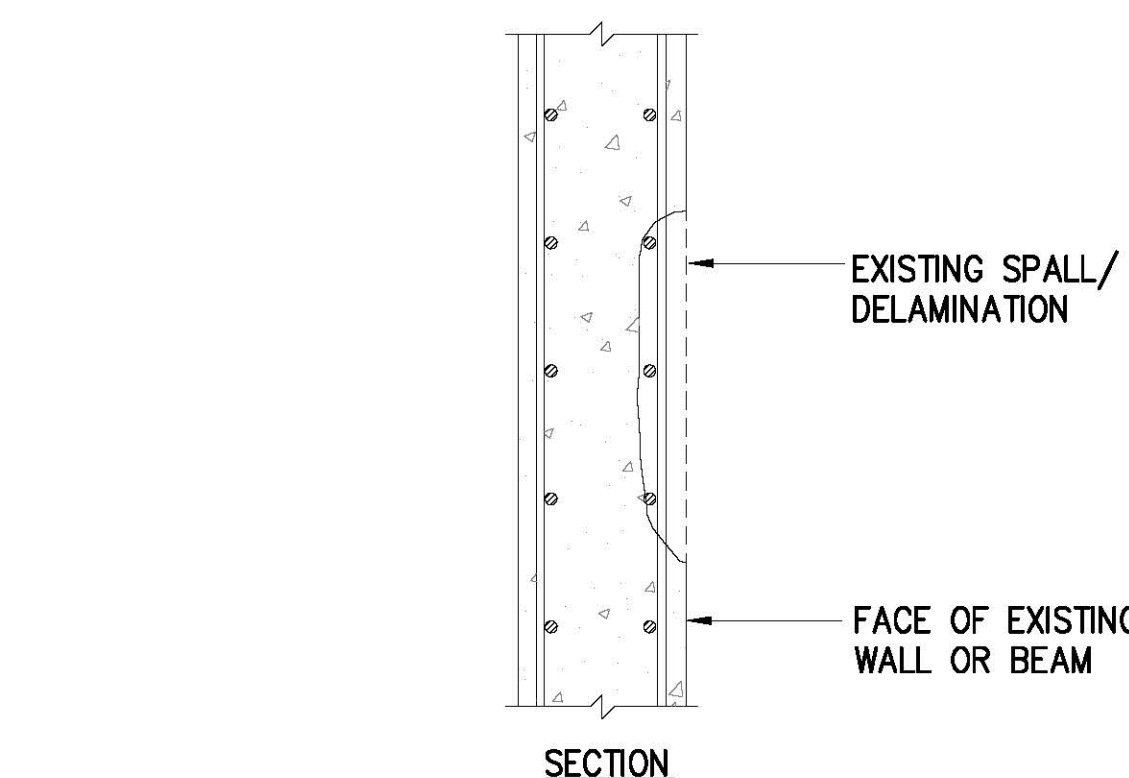
PAY AREA =  $A \times B$

VERTICAL SPALL REPAIR WITH REINFORCING STEEL REPLACEMENT (TYPE VR)

4  
S-5

NOT TO SCALE

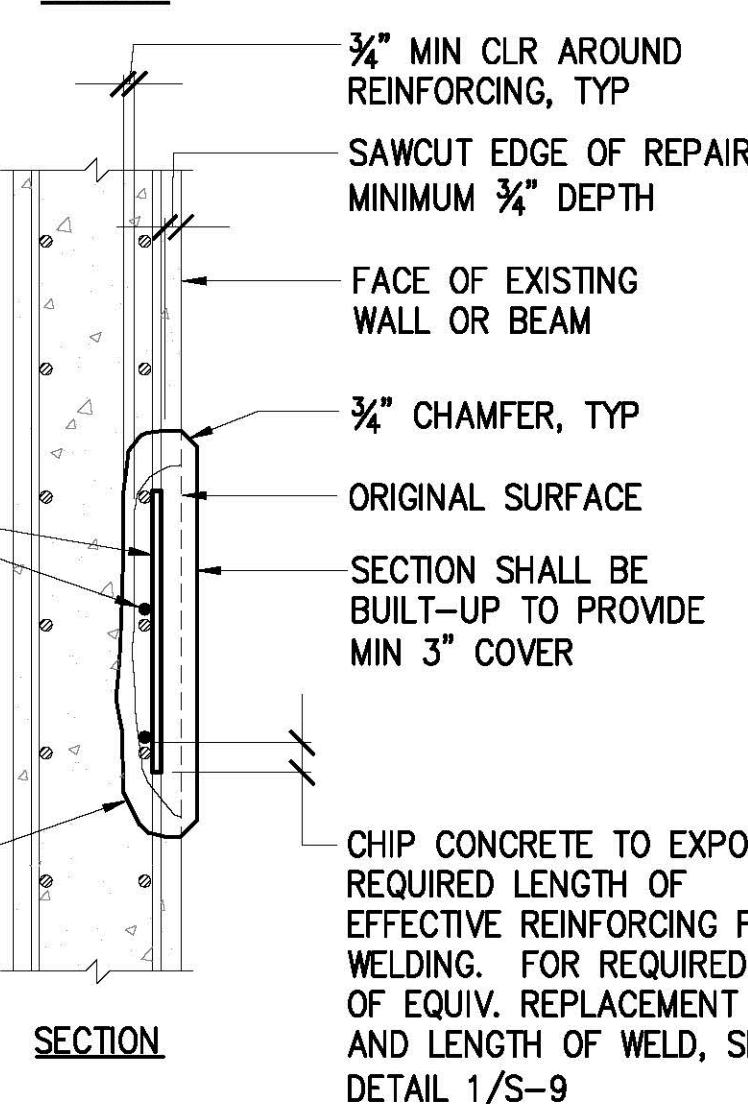
EXISTING CONDITION



SECTION

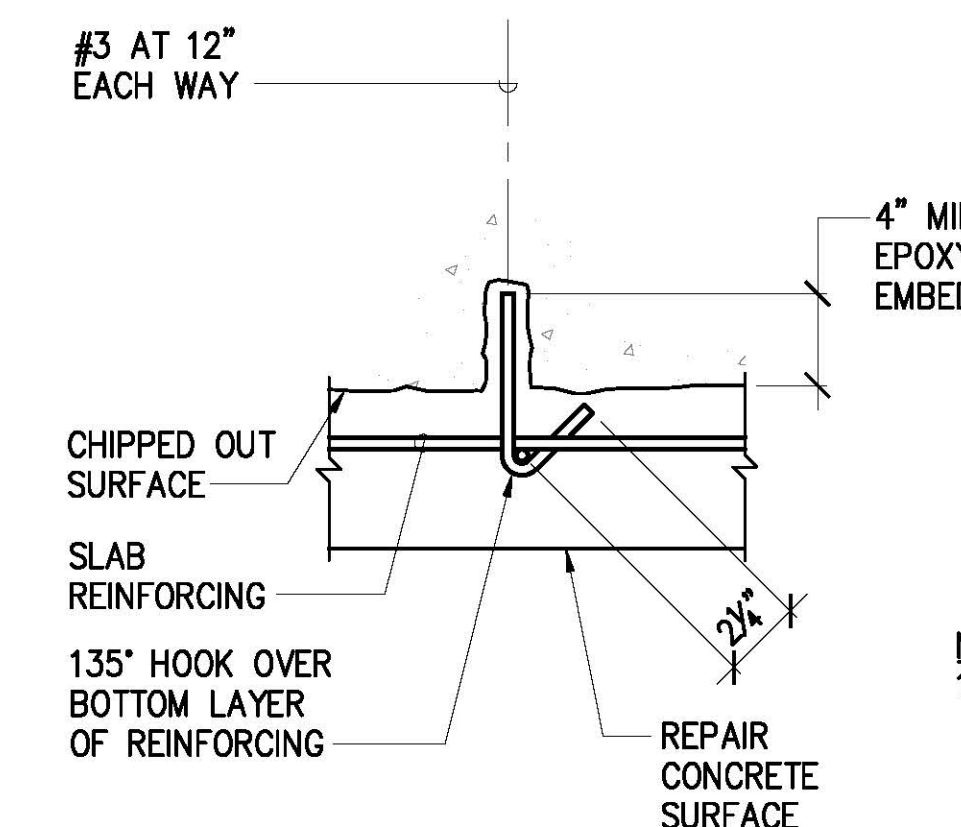
REPLACEMENT BARS TO MATCH EXISTING BARS. SEE TABLE 1/S-9 FOR EQUIV. BAR SIZE

CHIP UNTIL ONLY SOUND CONCRETE REMAINS. CLEAN EXPOSED REINFORCING AND COAT WITH ANTI-CORROSION COATING



SECTION

REPAIRED CONDITION

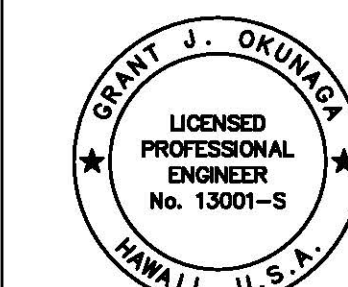


NOTE:  
1. AS AN ALTERNATE TO THE #3 HOOKED REINFORCING BAR, A 3/8\"/>

5  
S-5

EPOXY GROUTED DOWEL DETAIL

NOT TO SCALE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
EXP. 4-30-24  
MKE ASSOCIATES LLC

REVISION	DATE	DESCRIPTION	BY	APPROVED
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION				
JOB TITLE SUBSTRUCTURE AND FENDER REPAIRS AT PIERS 13-14 HONOLULU HARBOR, OAHU, HAWAII				
SHEET TITLE SLAB SOFFIT AND VERTICAL SPALL REPAIR DETAILS				
DESIGNED BY: GO	JOB NUMBER H.C. 10826		SHEET S-5	
DRAWN BY: DL				
CHECKED BY: BK				
DATE: 04/2023				
SCALE: AS SHOWN			7 of 12 SHTS.	