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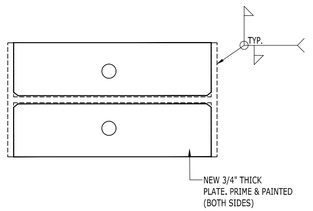


*NOTE: ALL PORTIONS OF EXISTING COLUMN BASES SHALL BE CLEANED, PREPARED AND COATED PER THE SPECIFICATIONS PRIOR TO ENCAPSULATING IN CONCRETE

*ALL WELDS TO BE COMPLETE-JOINT-PENETRATION GROOVE WELDS

*WELDING PROCEDURES AND PERSONNEL SHALL BE QUALIFIED IN ACCORDANCE WITH REQUIREMENTS OF AWSD1.1 PRIOR TO COMMENCEMENT OF WORK

*PLAIN BOLTS, NUTS, AND WASHERS: ASTM A307 GRADE A, WITH ASTM A563 GRADE A NUT AND ASTM F436 HARDENED STEEL WASHER

*ANCHOR BOLTS: ASTM A36 OR ASTM A307 GRADE A WITH CUT THREADS, ASTM A563 GRADE A NUT AND ASTM F436 HARDENED STEEL WASHER

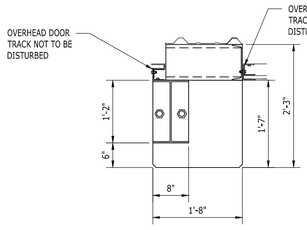
*WELDING ELECTRODES: E70XX CLASSIFICATION AND CONFORM TO AWS A-5.1

3 TYPICAL BASE CONNECTION DETAIL

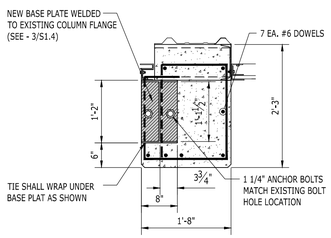
SCALE: 3/4" = 1'-0"

TYPICAL DAMAGE TO EXIST. COLUMN TYPE A

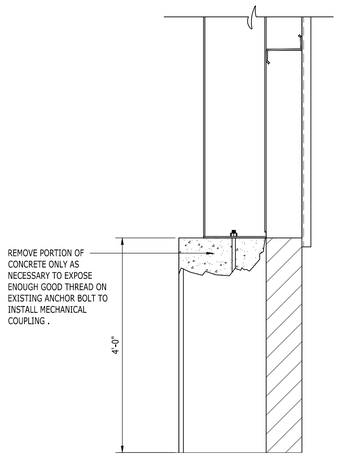
TYPICAL DAMAGE TO EXISTING COLUMN TYPE B



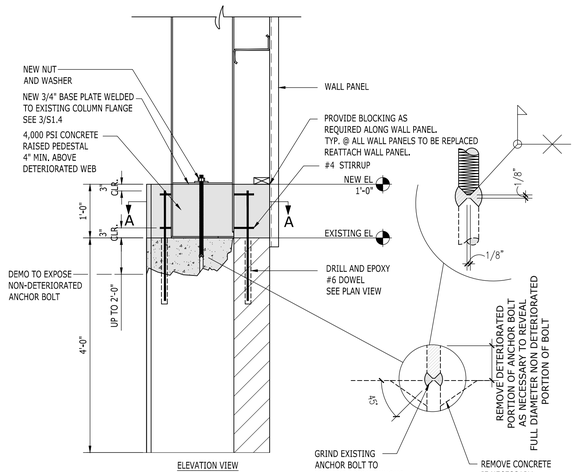
PLAN VIEW



PLAN VIEW A-A



ELEVATION VIEW

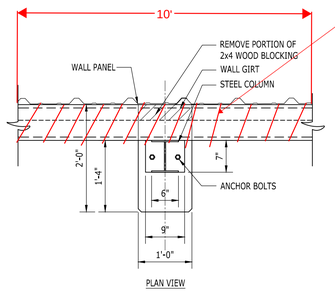


ELEVATION VIEW

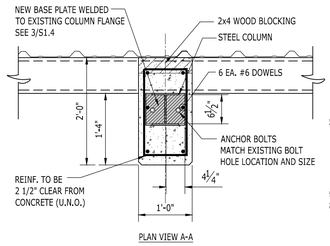
1 TYPICAL DAMAGED COLUMN REPAIR - TYPE A

SCALE: 3/4" = 1'-0"

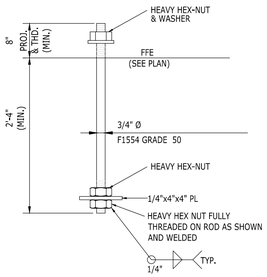
5 x 5 x 1/4" TS Temporary Shoring Beam on 5 x 5 x 1/4 TS Legs



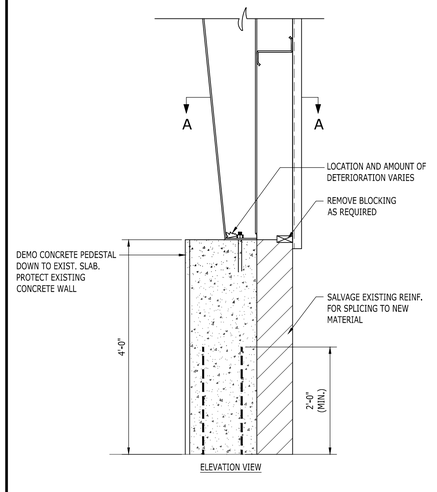
PLAN VIEW



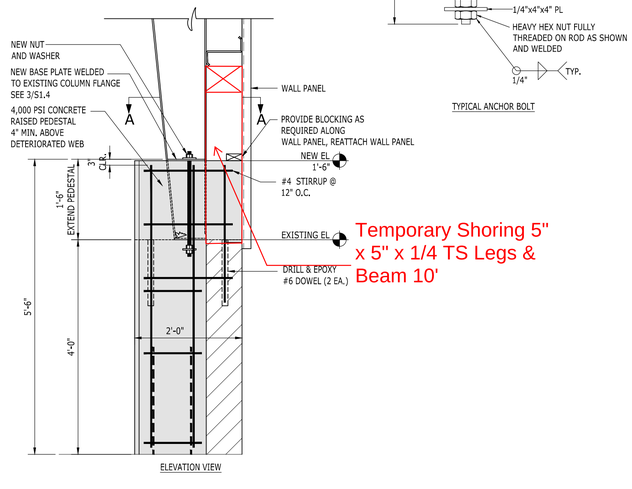
PLAN VIEW A-A



TYPICAL ANCHOR BOLT



ELEVATION VIEW



ELEVATION VIEW

1. TEMPORARILY SHORE COLUMN PRIOR TO DEMO.
2. REMOVE SOIL AROUND PEDESTAL.
3. REMOVE NUTS AND CORRODED PORTION OF ANCHOR BOLT.
4. REMOVE CONCRETE PEDESTAL TO EXPOSE NON DETERIORATED REINFORCING STEEL.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY BRACING UNTIL ALL STRUCTURAL COMPONENTS HAVE BEEN INSTALLED AND SECURED.

2 TYPICAL DAMAGED COLUMN REPAIR - TYPE B

SCALE: 3/4" = 1'-0"

Rev. No. B

	DATE	DESCRIPTION	BY	APVD
A	11/12/21	ISSUED FOR REVIEW	JLS	GJD
B	01/05/22	ISSUED FOR BID	JDL	GJD

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REPAIRS TO TERMINAL G & H
JACKSON COUNTY PORT AUTHORITY

DAMAGED COLUMNS & REPAIRS

SCALE: AS SHOWN
JOB NO.: 221-071
DATE: 11/2020
DSGN.: GJD
DWG. BY: JLS
CHK.: GJD
APVD.: GJD

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY

0 1"

S1.4