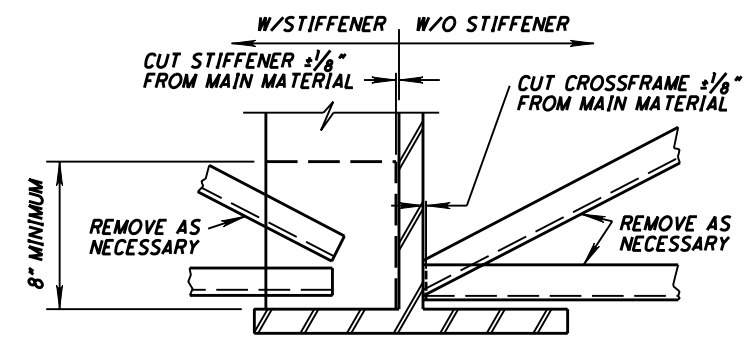


CONDITION-WEB CRACK
COLLISION REPAIR WC1-1
SEE NOTE 1



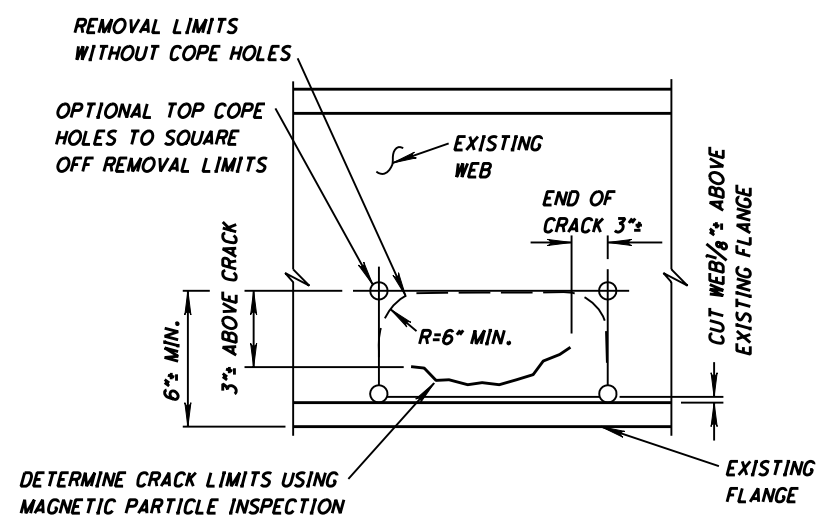
SECTION A-A
SEE NOTE 1

1. REMOVE SECONDARY MEMBERS AS NECESSARY IF APPLICABLE. CAREFULLY GRIND EXISTING WELDS FLUSH. DO NOT DAMAGE WEB OR FLANGE. PROVIDE SHIELDING AS NECESSARY
2. MARK REMOVAL AREA
3. DRILL 2 OR 4 CORNER HOLES 1" DIAMETER
4. SAW OR FLAME CUT TO REMOVE DAMAGED WEB PLATE USING A MECHANICAL GUIDE
5. PREP EXISTING MEMBER, BEVEL EDGES FOR COMPLETE PENETRATION AND FILLET WELDS
6. CUT AND BEVEL NEW PLATES, FOR COMPLETE PENETRATION AND FILLET WELDS
7. CHECK FIT OF NEW PLATES, NO GAPS EXCEEDING 1/16"
8. PERFORM WELDING
9. GRIND WELDS SMOOTH AND PROVIDE A SURFACE FINISH ACCORDING TO ANSI B46.1 OF 250 mil
10. GRIND THE INSIDE SURFACE OF ALL DRILLED CORNER HOLES OR BOTTOM COPE TO A 1" RADIUS AND PROVIDE A SURFACE FINISH ACCORDING TO ANSI B46.1 OF 250 mil
11. PERFORM NDT TESTS ACCORDING TO C&MS 513.25A
12. REPAIR SECONDARY MEMBERS IF APPLICABLE. MAKE CONNECTIONS TO MATCH EXISTING DETAILS UNLESS MODIFIED HEREIN

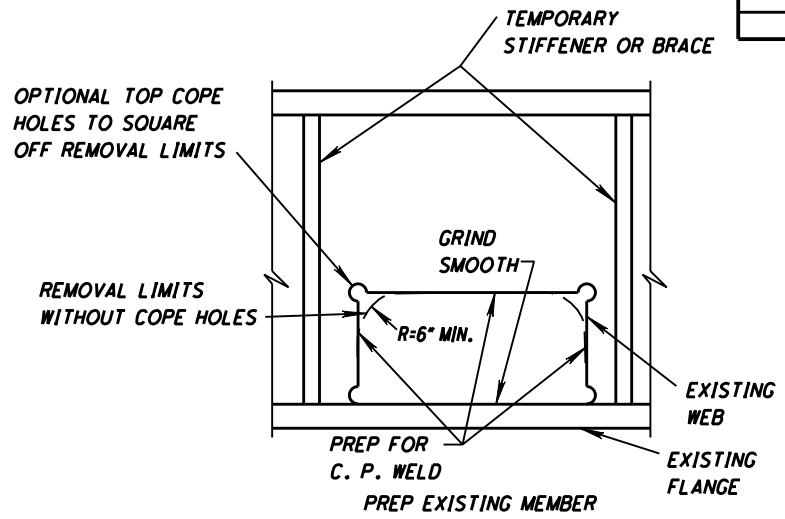
CAUTION: PROVIDE ADDITIONAL TEMPORARY OR PERMANENT STIFFENERS

TABLE #3 513 REPAIRS									
DAMAGED AREA No.	MEMBER LINE No. A	PIER OR ABUTMENT	DIM. C	REPAIR DETAIL TYPE	DRILLING HOLES (EACH)	COPE HOLES (EACH)	STEEL MEMBER LEVEL UP (POUNDS)	CP WELD (FEET)	FILLET WELD (FEET)
				WC1					

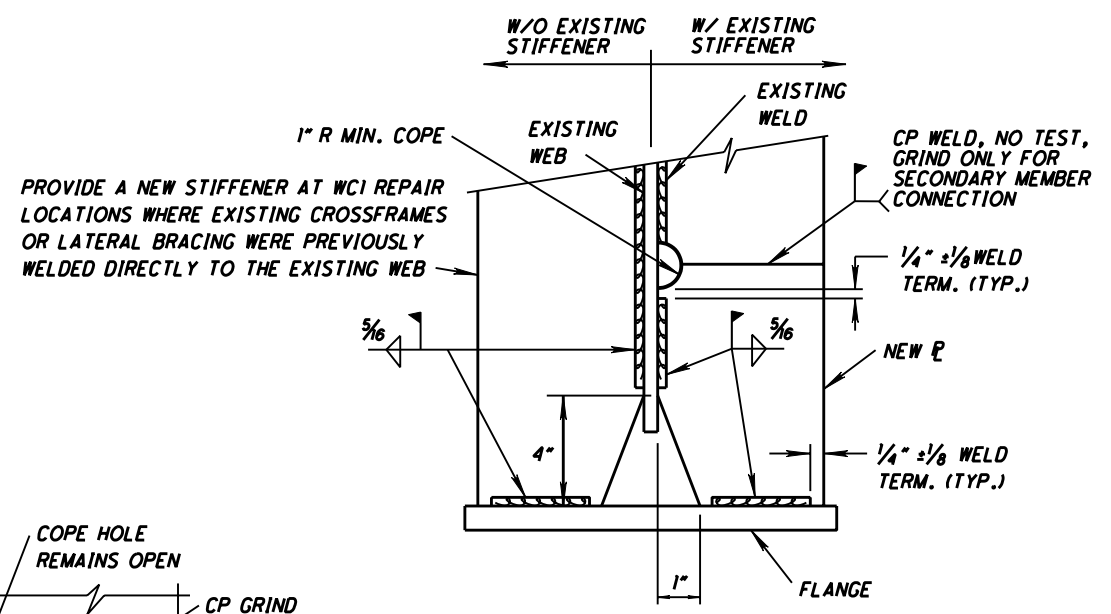
SEE PARTIAL FRAMING PLAN FOR DIMENSION C



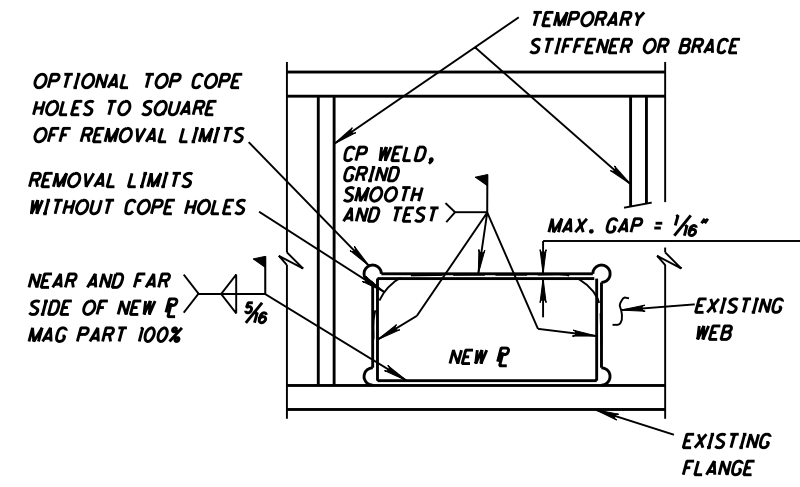
COLLISION REPAIR WC1-2
SEE NOTES 2 & 3



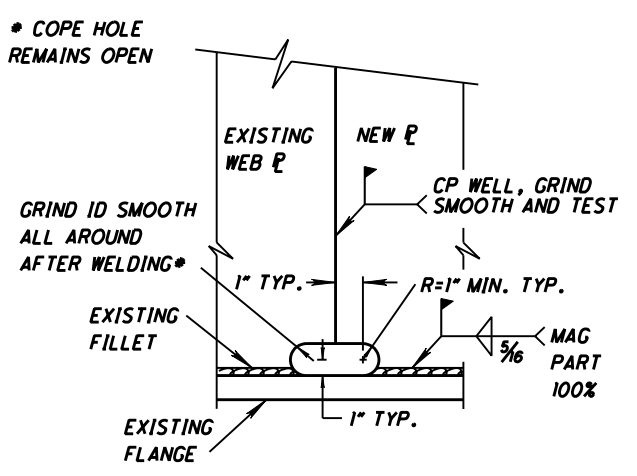
COLLISION REPAIR WC1-3
SEE NOTE 4 & 5



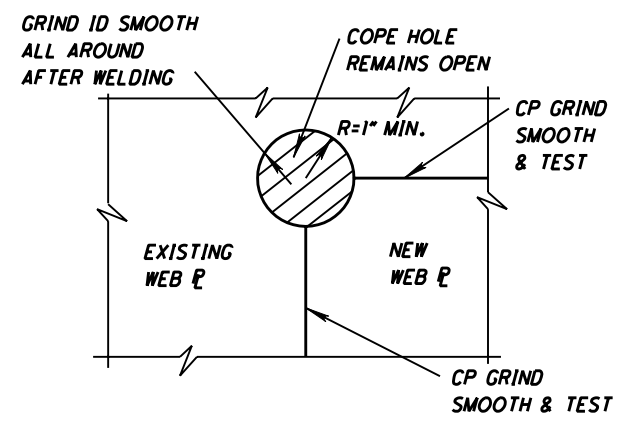
FIELD REPAIR STIFFENER WC1-7
SEE NOTE 5 THROUGH 12



COLLISION REPAIR WC1-4
SEE NOTES 6 THROUGH 11



FIELD REPAIR BOTTOM COPE WC1-5
SEE NOTES 9 & 10



FIELD REPAIR TOP COPE WC1-6
SEE NOTES 9 & 10