

APPENDIX C: SAMPLE INSPECTION

POST-EARTHQUAKE FIELD INSPECTION REPORT WELDED STEEL MOMENT-FRAME CONNECTIONS

PROJECT ADDRESS: _____
 INSPECTION DATE: _____
 INSPECTOR NAME: _____
 INSPECTION COMPANY: _____
 FLOOR FRAMING LEVEL INSPECTED: _____
 GRID LOCATION: _____

PROVIDE VISUAL INSPECTION OF ALL
JOINT WELDS AND BOLTS, AND U.T.
INSPECTION OF ALL CJP WELDS

COLUMN ORIENTATION	VIEWING DIRECTION ELEV. YOU ARE LOOKING AT (CHECK ONE BOX BELOW)
<p>USE MINOR AXIS FORM</p>	<input type="checkbox"/> NORTH ELEV. <input type="checkbox"/> WEST ELEV. → COL ← EAST ELEV. <input type="checkbox"/> SOUTH ELEV.

**A.W.S. DISCONTINUITY
SEVERITY CLASS**

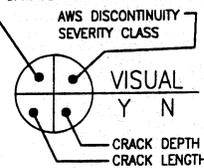
A - LARGE DISCONTINUITIES
 B - MEDIUM DISCONTINUITIES
 C - SMALL DISCONTINUITIES
 D - MINOR DISCONTINUITIES

PER AWS ULTRASONIC
ACCEPTANCE-REJECTION CRITERIA
TABLE 8.2 - AWS D1.1-94

LEGEND:

FW = FULL WIDTH
 FT = FULL THICKNESS
 SNC = SURFACE NOT CLEAN
 AP = ACCESS PREVENTED
 NMC = NON-MOMENT CONNECTION
 BM = BOLTS MISSING

DAMAGE TYPE CLASSIFICATION (SEE TABLE 5-1)



EXAMPLE:

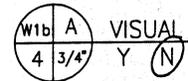
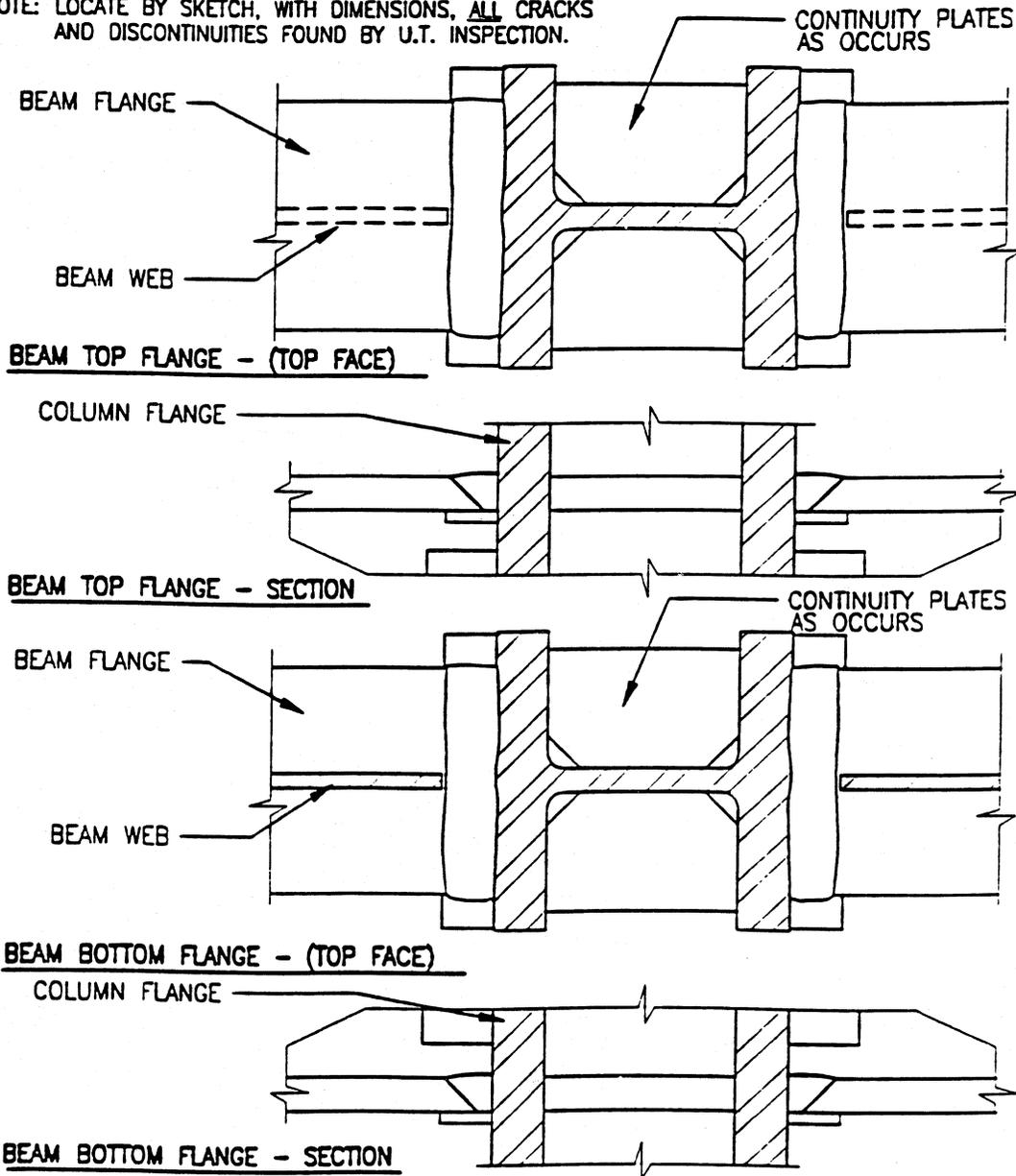


Figure C-1 Inspection Form – Major Axis Column Connection

SUPPLEMENTAL SKETCH FOR LARGE DISCONTINUITIES

NOTE: LOCATE BY SKETCH, WITH DIMENSIONS, ALL CRACKS
AND DISCONTINUITIES FOUND BY U.T. INSPECTION.



ADDITIONAL COMMENTS: _____

Figure C-2 Inspection Form – Large Discontinuities – Major Axis

POST-EARTHQUAKE FIELD INSPECTION REPORT
WELDED STEEL MOMENT-FRAME CONNECTIONS

PROJECT ADDRESS: _____
 INSPECTION DATE: _____
 INSPECTOR NAME: _____
 INSPECTION COMPANY: _____
 FLOOR FRAMING LEVEL INSPECTED: _____
 GRID LOCATION: _____

PROVIDE VISUAL INSPECTION OF ALL
JOINT WELDS AND BOLTS, AND U.T.
INSPECTION OF ALL CJP WELDS

COLUMN ORIENTATION	VIEWING DIRECTION ELEV. YOU ARE LOOKING AT (CHECK ONE BOX BELOW)
	<input type="checkbox"/> NORTH ELEV. <input type="checkbox"/> WEST ELEV. <input type="checkbox"/> COL <input type="checkbox"/> EAST ELEV. <input type="checkbox"/> SOUTH ELEV.

A.W.S. DISCONTINUITY
SEVERITY CLASS

A - LARGE DISCONTINUITIES
 B - MEDIUM DISCONTINUITIES
 C - SMALL DISCONTINUITIES
 D - MINOR DISCONTINUITIES

PER AWS ULTRASONIC
ACCEPTANCE-REJECTION CRITERIA
TABLE 8.2 - AWS D1.1-94

LEGEND:

FW = FULL WIDTH
 FT = FULL THICKNESS
 SNC = SURFACE NOT CLEAN
 AP = ACCESS PREVENTED
 NMC = NON-MOMENT CONNECTION
 BM = BOLTS MISSING

DAMAGE TYPE CLASSIFICATION (SEE TABLE 5-1)

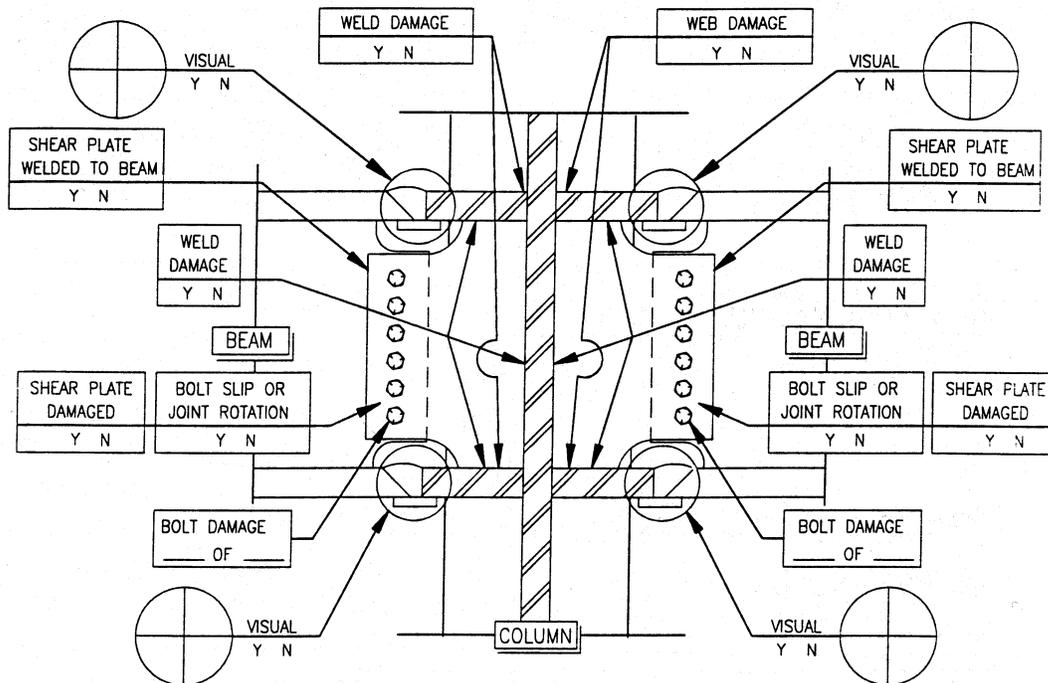
AWS DISCONTINUITY SEVERITY CLASS

VISUAL
Y N

CRACK DEPTH
CRACK LENGTH

EXAMPLE:

W1b A VISUAL
4 3/4" Y (N)



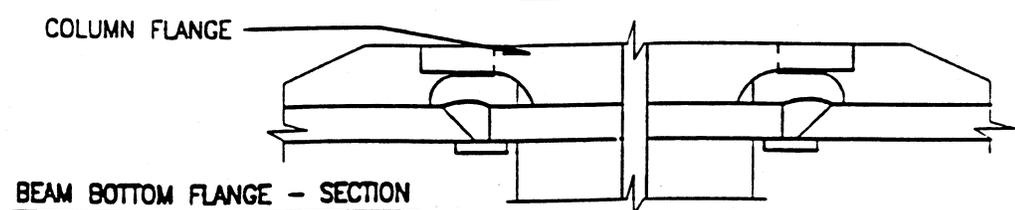
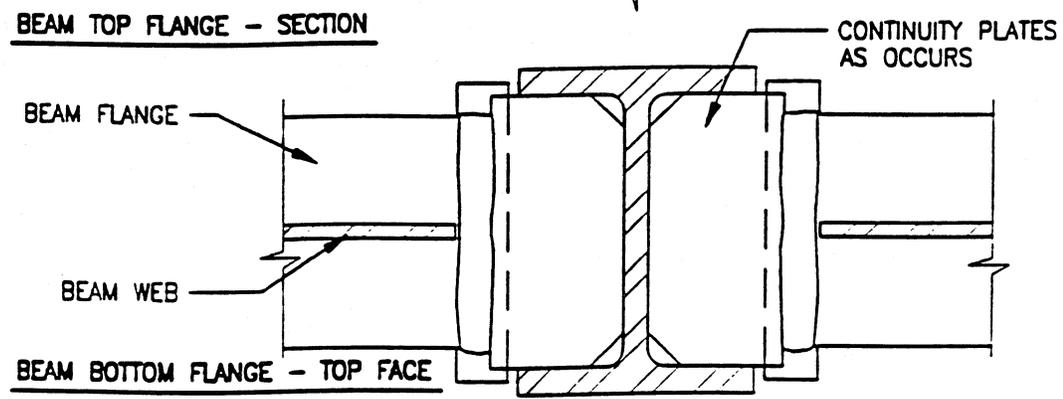
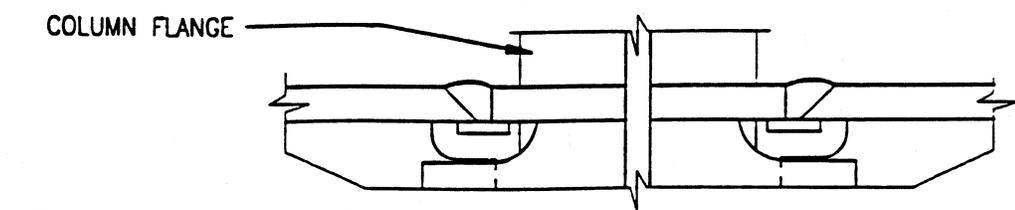
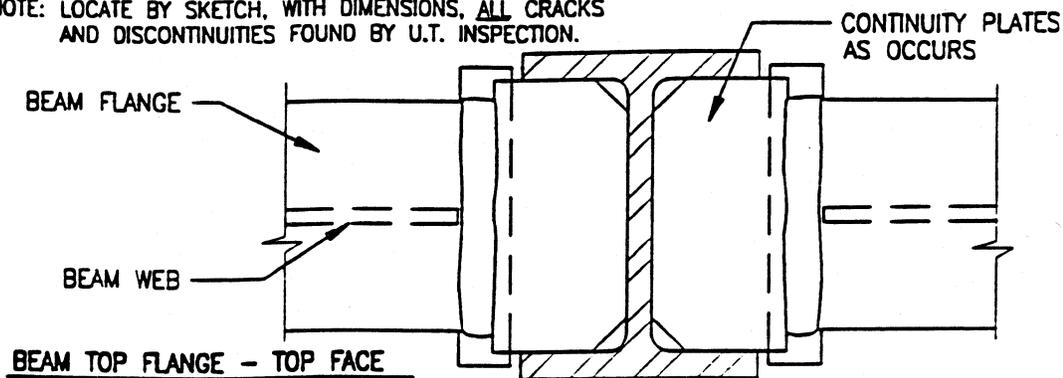
USE BACK OF FORM FOR
ADDITIONAL COMMENTS

COLUMN MINOR AXIS
REV. 6/22/95

Figure C-3 Inspection Form – Minor Axis Column Connection

SUPPLEMENTAL SKETCH FOR LARGE DISCONTINUITIES

NOTE: LOCATE BY SKETCH, WITH DIMENSIONS, ALL CRACKS
AND DISCONTINUITIES FOUND BY U.T. INSPECTION.



ADDITIONAL COMMENTS: _____

Figure C-4 Inspection Form – Large Discontinuities – Minor Axis