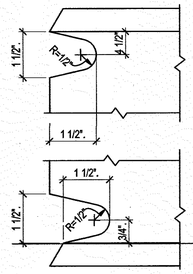
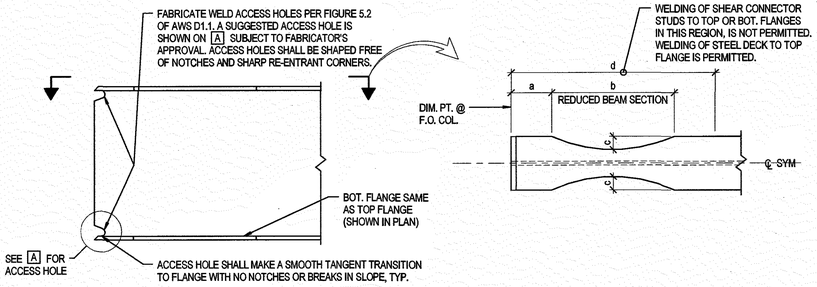
REDUCED BEAM SECTION SCHEDULE				
BEAM (SIZE)	FLANGE CUT			NO WELD ZONE
	a (IN)	b (IN)	c (IN)	d (IN)
W24x76	5	16	2	26
W27x94	5.5	18	2.5	29

NOTES:

1. THERMAL CUT TOP AND BOTTOM BEAM FLANGES IN SMOOTH CIRCULAR ARC AS SHOWN. AFTER THERMAL CUTTING, THE RBS CUT SHALL HAVE A SURFACE ROUGHNESS LESS THAN OR EQUAL TO SAMPLE 4 OF AWS C4.1-77.
2. RADIUS OF CUT = $\frac{4c^2 + b^2}{8c}$



RBS ACCESS HOLE A

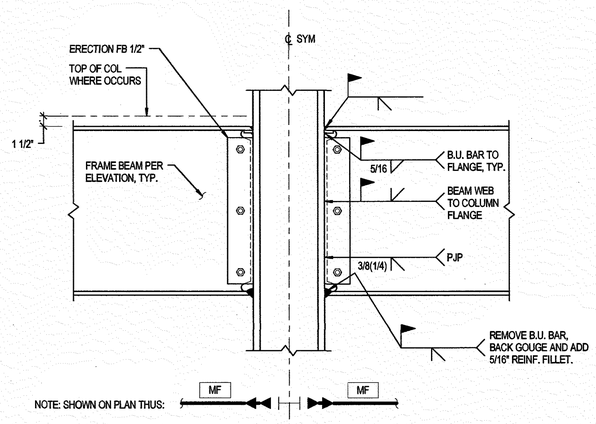


ELEVATION PLAN

TYPICAL REDUCED BEAM SECTION MEMBERS

1" = 1'-0" 3

ADDENDUM #3
SK-S02

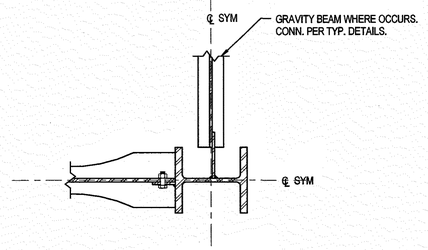


NOTES:
1. SEE 3 FOR BEAM FLANGE CUTS.
2. SEQUENCE BOLTING AND WELDING TO MINIMIZE RESIDUAL STRESSES.
3. SEE 1 FOR INFO REGARDING GRAVITY FRAMING.

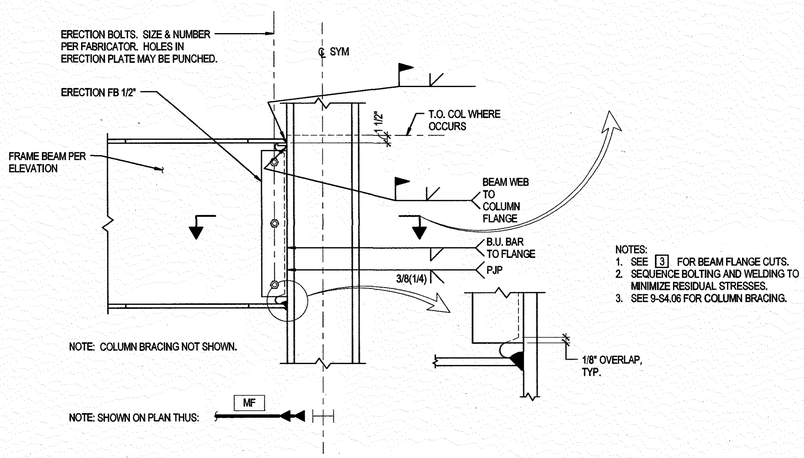
TYPICAL TWO-SIDED REDUCED BEAM SECTION MOMENT CONNECTION

1" = 1'-0" 7

ADDENDUM #3
SK-S01



PLAN SECTION



NOTES:
1. SEE 3 FOR BEAM FLANGE CUTS.
2. SEQUENCE BOLTING AND WELDING TO MINIMIZE RESIDUAL STRESSES.
3. SEE S-S4.06 FOR COLUMN BRACING.

TYPICAL ONE-SIDED REDUCED BEAM SECTION MOMENT CONNECTION

1" = 1'-0" 1

NOTE: ALL WELDS ON THIS SHEET ARE DEMAND CRITICAL WELDS. SEE SPECIFICATION SECTION 05120 & 05125.

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Plot Date: 6/9/2011 6:02:24 PM

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Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

Reviewed by: Gini Krippner
Date: 7/25/11
Project #: 900020

ISSUED FOR	REV	DATE
100% CONSTRUCTION DOCUMENTS		15 JUNE 2011

SEALS AND SIGNATURES

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DATE: 06/21/2011

KEYPLAN

TRUE NORTH
PROJECT NORTH

DRAWING TITLE
SMRF REDUCED BEAM SECTION DETAILS

1" = 1'-0"
SCALE
900020 — UCM PROJECT NUMBER
38354.000 — SG PROJECT NUMBER

S4.05
DRAWING NUMBER