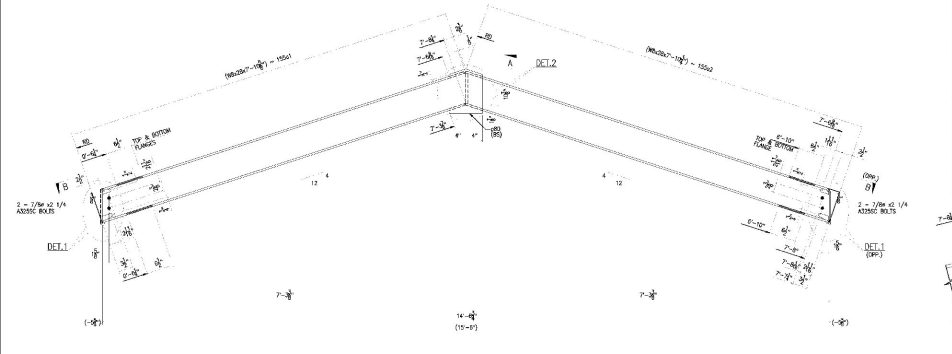
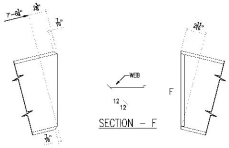
TOTAL QTY.	FIELD BOLTS	LENGTH	REMARKS
8	7/8ø A325SC BOLTS	2 1/4"	W/NUT & 1 WASHER

BILL OF MATERIAL

PIECE MARK	MINOR MARK	QTY. ITEM.	DESCRIPTION	LENGTH FT. IN.	REMARKS
155B1		2	BEAMS		
	155a1	2	WB428	7'-10 5/8"	
	155a2	2	WB428	7'-10 3/4"	
	p170	8	PL 1/4x1	0'-7 1/2"	WTS
	p50	4	PL 1/2x8	0'-10 7/8"	
	p171	4	PL 1/2x7	0'-7 3/8"	

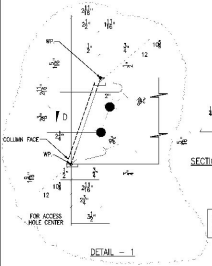




CUTTING DETAIL FOR 155a1 CUTTING DETAIL FOR 155a2

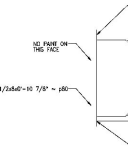
FABRICATOR NOTE:

REFER FEMA -353, FOR SPEC. & QUALITY ASSURANCE GUIDELINES FOR STEEL MOMENT – FRAME CONSTRUCTION FOR SEISMIC APPLICATIONS, FOR FABRICATION DETAILS INCLUDING CUTTING METHODS AND SMOOTHNESS REQUIREMENTS.

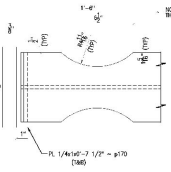


DETAIL – 1

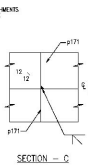
VERIFY FEMA CONNECTION



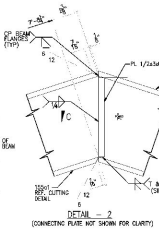
SECTION – A



SECTION – B



SECTION – C



DETAIL – 2
(CONNECTING PLATE NOT SHOWN FOR CLARITY)

FOR APPROVAL

FOR MINOR MARK DETAILS REFER GATHERING SHEETS G8 & G10

LEGEND :

RD – RUNNING DIMENSION
WTS – WPEE TO SHIP
BS – BOOM SIDE

NOTES :

1. MATERIAL GRADE FOR W SECTIONS ASTM A992.
2. MATERIAL GRADE FOR ANGLES,PLATES ASTM A36.
3. ALL SLIP CRITICAL BOLTED JOINT FAYING SURFACES ARE NOT TO BE PAINTED

REF. E3

NO.	DESCRIPTION	DATE
APPROVED FOR ERECTION ( ) DATE:		
APPROVED FOR FABRICATION ( ) DATE:		

DISTRIBUTION	QTY	DATE	QTY	DATE	QTY	DATE
1) APPROVAL						
2) SHOP						
FIELD						
PRIMERS:	SHOP PRIME					
STEEL:	AS NOTED					
BOLTS:	1/16" DIA (UNO)					
WELDS:	E70XX					

ERECTOR'S NOTE

STEEL IS FABRICATED WITH "ERECTION MARKS" ON LEFT HAND END OF MEMBERS. STEEL MUST BE ERECTED WITH "ERECTION MARKS" WORKWISE AND IN POSITION SHOWN ON ERECTION PLAN

PROJECT	ALLIED HEALTH/MATH/SCIENCE BUILDING
DRAWN	
CONTRACTOR	----
AREA	
TITLE	DETAIL OF BEAMS (BEAM)
TRACE	
DATE	SSR 4/9/9 DRAW. NO. D155 DRAG. NO. RD NO. 00