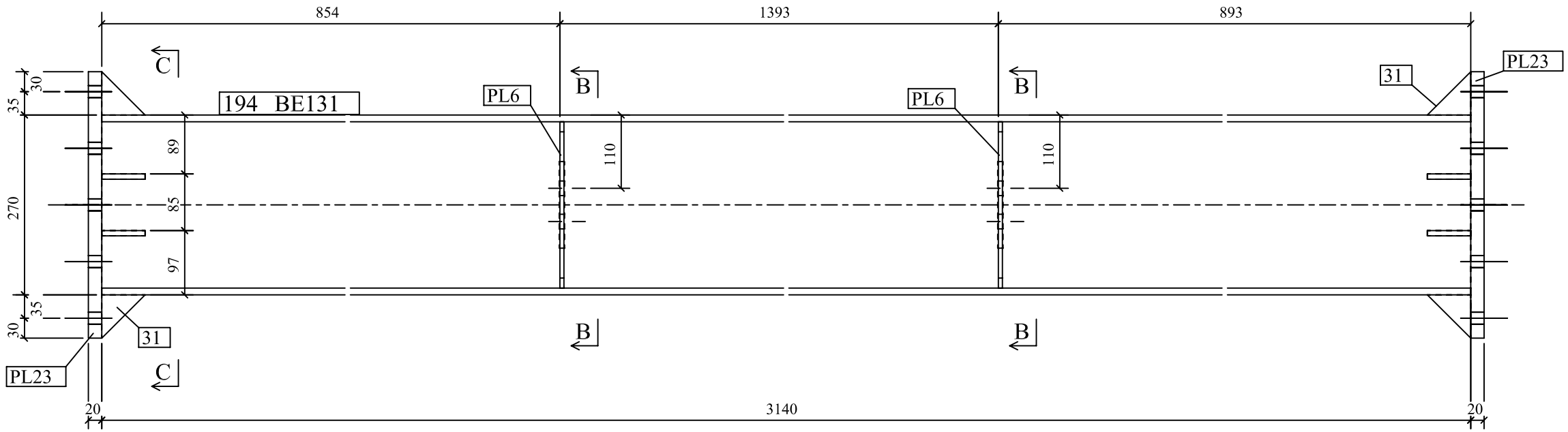
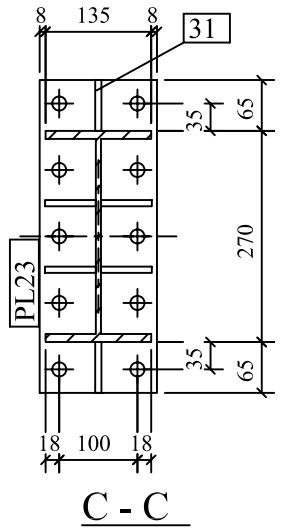
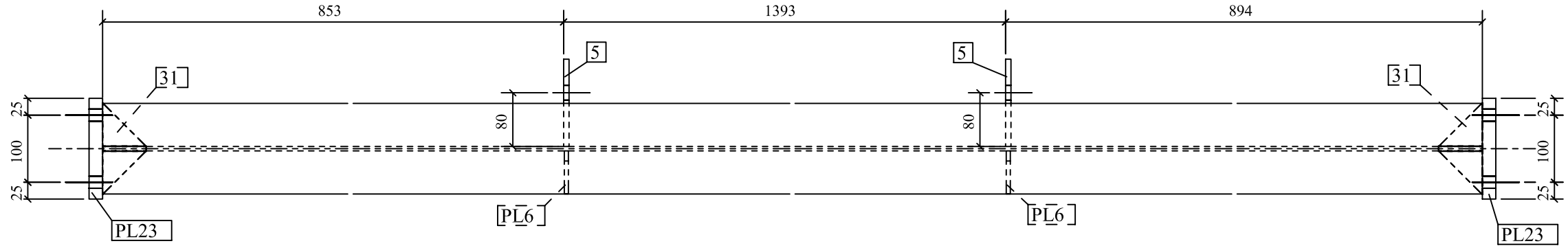
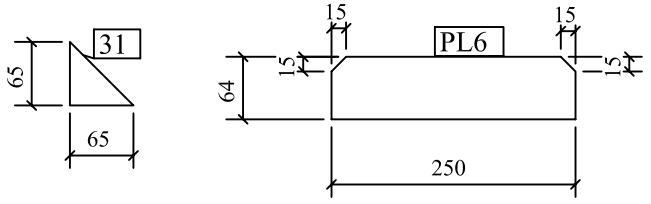
BOLT LIST FOR ASSEMBLY	BE/131	4	No. Required
Diam	Grade	Length	No.
16		70	10
(Total bolt one assembly X no of assembly)		Total	40

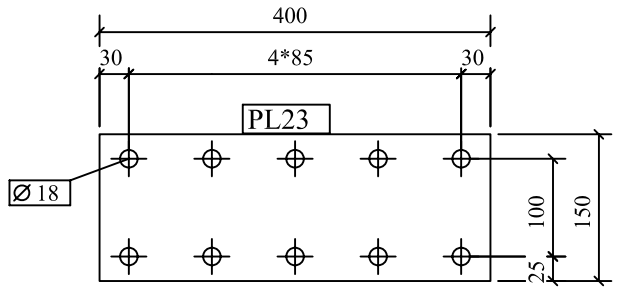


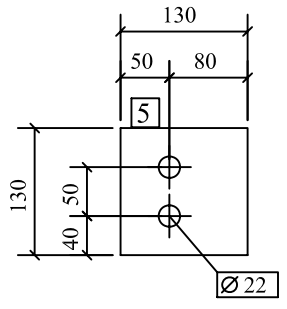


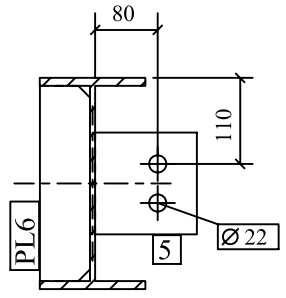
C - C











B - B

MATERIAL LIST FOR ONE ASSEMBLY MARKED				BE/131		4	No. Required
Mark	Size	No.	Length	Area	Weight	Total Area	Total Weight
5	PL8*130	2	130	0.038	1.061	0.076	2.123
31	PL8*65	12	65	0.006	0.133	0.072	1.592
194	IPE270	1	3140	3.269	113.13	3.269	113.13
PL/6	PL6*64	2	250	0.035	0.742	0.070	1.484
PL/23	PL20*150	2	400	0.142	9.420	0.284	18.840
(Total in one assembly)					Sub Total	3.771	137.17
(Total one assembly X no of assembly)					Total	15.084	548.70

REV.	ISSUE DATE	DESCRIPTION	DWN. BY	CHKD. BY	APPR. BY	APPR. BY
1	09/07/2005	GENERALLY REVISED	M.B	I.N	M.S.KH	
0	12/03/2005	ISSUED FOR FABRICATION	M.B	I.N	M.S.KH	
			DISCIPLINE		PROJ.	

ویلایی مسکونی آقای موسوی و شرکا
صلاحدین کلا-مازندران

AMIR E. MIRSHAHI
STRUCTURAL DESIGN ENGINEER
امیر اسماعیل میر شاهی
مهندس سازه-محاسب

TITLE: BEAM BE/131

DRAWING NO.: SEC-PJ072-BE-63-A3

SCALE : SHEET 1 OF1

PROVIDER:
SEC Sabz Engineering Company
شرکت مهندسی سبز