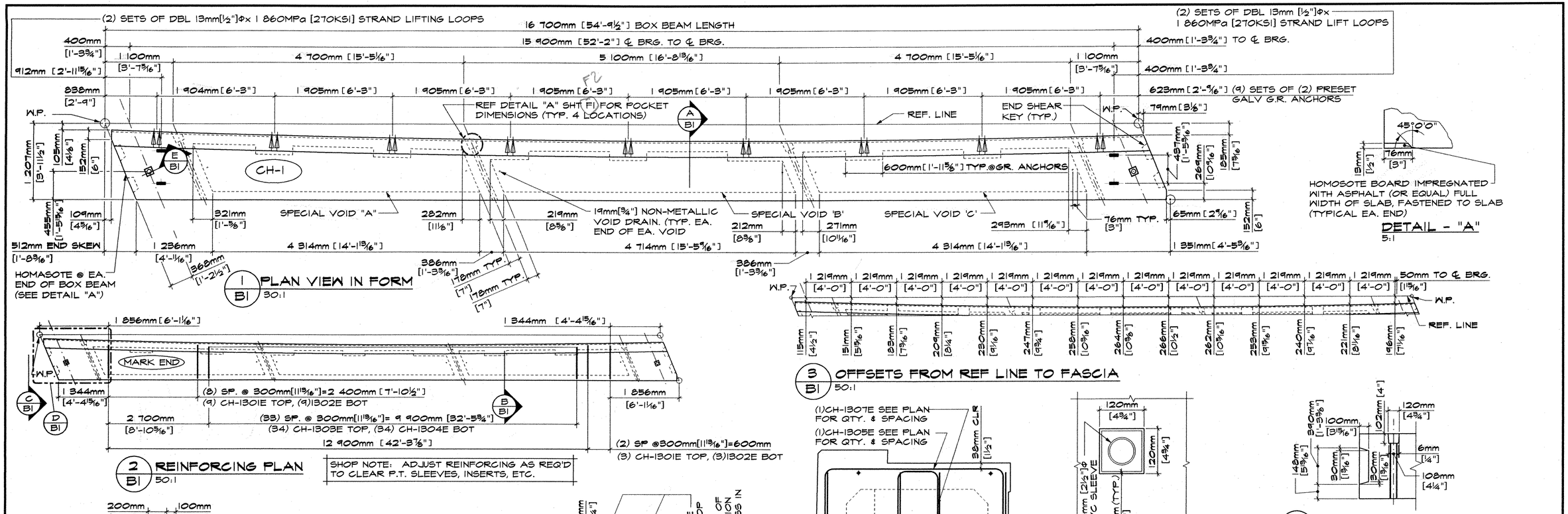


1/B1 PLAN VIEW IN FORM 30:1

2/B1 REINFORCING PLAN 50:1

3/B1 OFFSETS FROM REF LINE TO FASCIA 50:1

BRG. POCKET DETAIL 5:1

E/B1 SHEAR KEY & BRG SLEEVE 20:1

FOR ADDITIONAL DIMENSIONS & LAYOUT REF. END SHEAR KEY LAYOUT THIS SHT.

END SHEAR KEY LAYOUT 20:1 DIMENSIONED ALONG END SKEW

DETENSIONING SCHEDULE N.T.S.

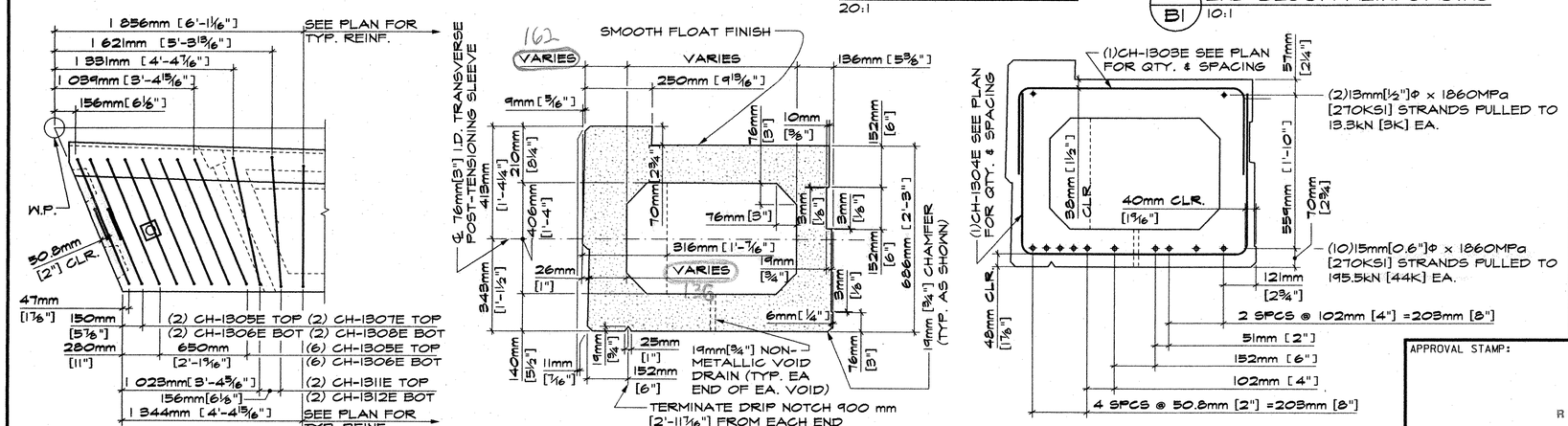
LIFTING LOOP DETAIL 20:1

C/B1 END BLOCK REINFORCING 10:1

MARK: CH-1	QTY: 1	WT.: BEAM 191kN [21.5 T]	VOL.: BEAM 8.1 m³ [10.6 CY]

MATERIAL LIST / VOIDED SLAB

ITEM:	MARK:	DESCRIPTION:	QTY./BEAM CH-1	
1	1301E	#13[#4] BENT BAR (EPOXY COATED)	12	
2	1302E	#13[#4] BENT BAR (EPOXY COATED)	12	
3	1303E	#13[#4] BENT BAR (EPOXY COATED)	34	
4	1304E	#13[#4] BENT BAR (EPOXY COATED)	34	
5	1305E	#13[#4] BENT BAR (EPOXY COATED)	16	
6	1306E	#13[#4] BENT BAR (EPOXY COATED)	16	
7	1307E	#13[#4] BENT BAR (EPOXY COATED)	4	
8	1308E	#13[#4] BENT BAR (EPOXY COATED)	4	
9				
10				
11	1311E	#13[#4] BENT BAR (EPOXY COATED)	4	
12	1312E	#13[#4] BENT BAR (EPOXY COATED)	4	
13				
14		PRESET GUARDRAIL ANCHORS U-BOLTS	18	
15		48mm[1⅞] CLOSED THREADED FERRULE	36	
16				
17		SPECIAL VOID 'A' REF SHT MI	1	
18		SPECIAL VOID 'B' REF SHT. MI	1	
19		SPECIAL VOID 'C' REF SHT. MI	1	
20				
21		19mm¾"Φx140mm[5½"] NON-FERROUS VOID DR.	6	
22		SET OF DBL ½"Φ STRAND LIFTING LOOPS	4	
23				
24				
25				



D/B1 END BLOCK REINF. PLAN 20:1

A/B1 DIMENSIONAL SECTION 10:1

B/B1 REINFORCING SECTION @ MIDSPAN 10:1

APPROVAL STAMP:

RECEIVED
CK'D BY _____ OK'D BY Gwx
AUG 04 2006
RESUBMIT _____ APPROVED AS NOTED
BY DATE

J.P. CARRARA & SONS INC.
Precast & Prestress Manufacturer
2464 CASE STR., MIDDLEBURY, VERMONT 05753 Phone:(802)388-6361 Fax:(802)388-9010

TREMBLAY CONSTRUCTION, LLC.
CONTRACTOR
WASHINGTON, VT.

STATE OF VERMONT A.O.T.
COUNTY OF ORLEANS

TOWN OF CHARLESTON
PROJECT NUMBER BRO-1449(22)
TH41, CLASS 2 TOWN HIGHWAY, BRIDGE NO. 16

PRESTRESSED BOX BEAM DETAILS

DATE: 7-16-06
SCALE: NOTED
CHKD: DFTM: ETC
JOB NO: 23241-06
DWG NO: B1

Filename: ...\MSTA\B1_Charleston_Box1.dgn
Date: 8/1/2006