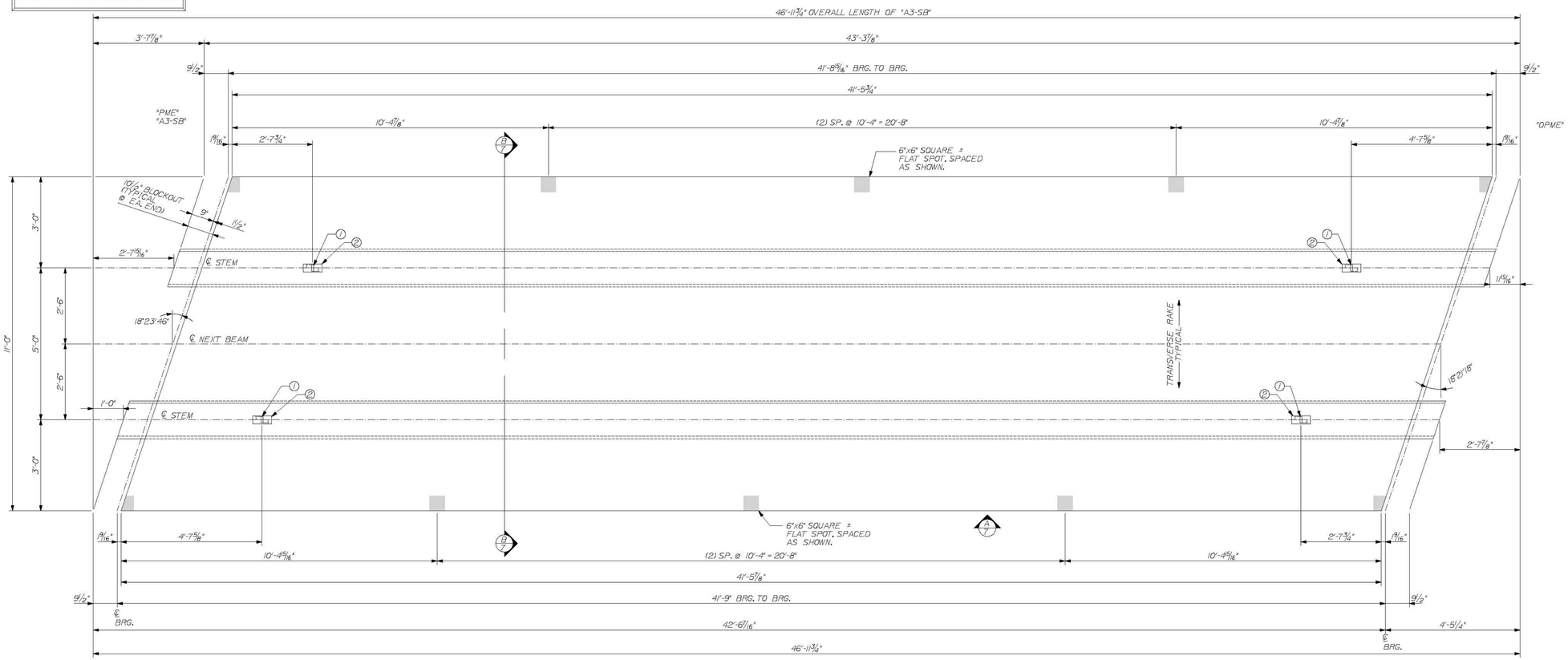
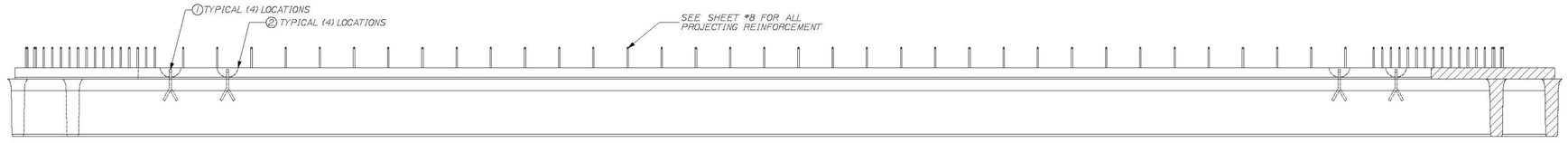
Filename: ...\007_Beam_A3-SB_dimensional.dgn Username: Eric Calderwood Date:6/11/2012
Working group: Structures Division

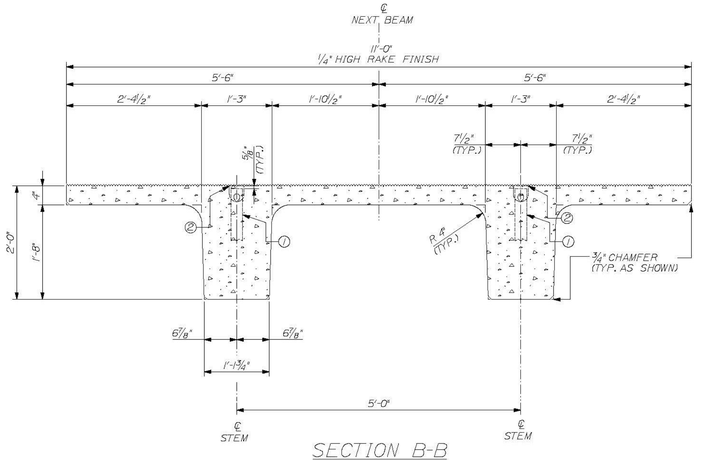
"PME" = PIECE MARK END
"OPME" = OPPOSITE PIECE MARK END



PLAN VIEW ~ BEAM "A3-SB"
SCALE: ½" = 1'-0"



VIEW A ~ TYPICAL BOTH SIDES
SCALE: ½" = 1'-0"



SECTION B-B
SCALE: ¾" = 1'-0"

T-Y-LIN INTERNATIONAL

No Exception Taken
Make Correction as Noted
Submit Specified Item
Revise and Resubmit as Noted
Rejected

Checking is for general compliance with the design concept of the project and general compliance with the information given in the contract documents only. Any action shown is not an approval and is subject to the requirements of the plans and specifications. Any action shown on a specific item shall not be taken as the checking of an assembly of which the item is a component. Contractor is solely responsible for: dimensions which shall be confirmed and correlated at the job site, fabrication processes, techniques of construction, safety precautions, and coordination of its work with that of all other trades and the satisfactory performance of its work.

June 11, 2012

reviewed by: _____ Date: _____

DESIGN NOTES:

CONCRETE f'_d @ TRANSFER = 6200 PSI
f'_c @ FINAL = 8000 PSI
CAMBER @ DESTRESS = 13/16 in.
CAMBER @ ERECTION = 17/16 in.
FINISH - TOPS OF BEAMS TO RECIEVE RAKE FINISH W/ ¼" AMPLITUDE
PATCH RECESS VOIDS FLUSH WITH SURFACE WITH CEMENT MORTAR
ALL TOLERANCES TO PCI STANDARDS

(1) "A3-SB" DECK BEAMS REQUIRED

SEE SHEET #8 FOR REINFORCING

DUE TO INHERENT VARIABLES, CAMBERS ARE PROVIDED ONLY AS A MEANS OF QUANTIFYING THE CONSISTENCY OF PRODUCTION AND QUALITY CONTROL AND SHOULD NEVER BE CONSIDERED ANY BETTER THAN ESTIMATES.

PRODUCT WEIGHT

PRODUCT	WEIGHT
"A3-SB"	24.4 TONS

BILL OF MATERIALS

REMARKS	#	QTY	TOTAL	DESCRITION
SEE SHEET #2	1	4	4	RL-23 SPREAD ANCHOR, 8 TON, (11" LONG), PART# MB7911I
	2	4	4	RL-45 REUSABLE RECESS MEMBER, 8TON, PART# MB7912I
	3	1	1	12.0 C.Y. CONCRETE MIX

THE PROFESSIONAL ENGINEER'S STAMP CERTIFIES ONLY THAT THESE DRAWINGS WERE PREPARED UNDER THE DIRECT SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER AND ONLY WITH THE DESIGN AND DETAILS SHOWN ON THE CONTRACT DRAWING UNLESS REQUESTED OTHERWISE.

STATE OF VERMONT — ERIC T. CALDERWOOD — No. 8744 Structural — LICENSED PROFESSIONAL ENGINEER

CONTRACTOR: BECK & BELLUCCI, INC.

PROJECT: BRATTLEBORO, VERMONT
IM 019-1(50)

W.E. DAILEY INC.
AIRPORT ROAD, SHAFTSBURY, VT. 05262

PRECAST CONCRETE PRODUCTS
TEL: (802) 442-4416 FAX: (802) 442-4419

DATE ISSUED: 2011 REVISIONS: 6 INITIAL SUBMISSION
DETAILER: ETC

I-91 BRATTLEBORO, VERMONT
OVER MAPLE ST.

BEAM TYPE "A3-SB"
DIMENSIONAL DETAILS

SHEET NUMBER
7