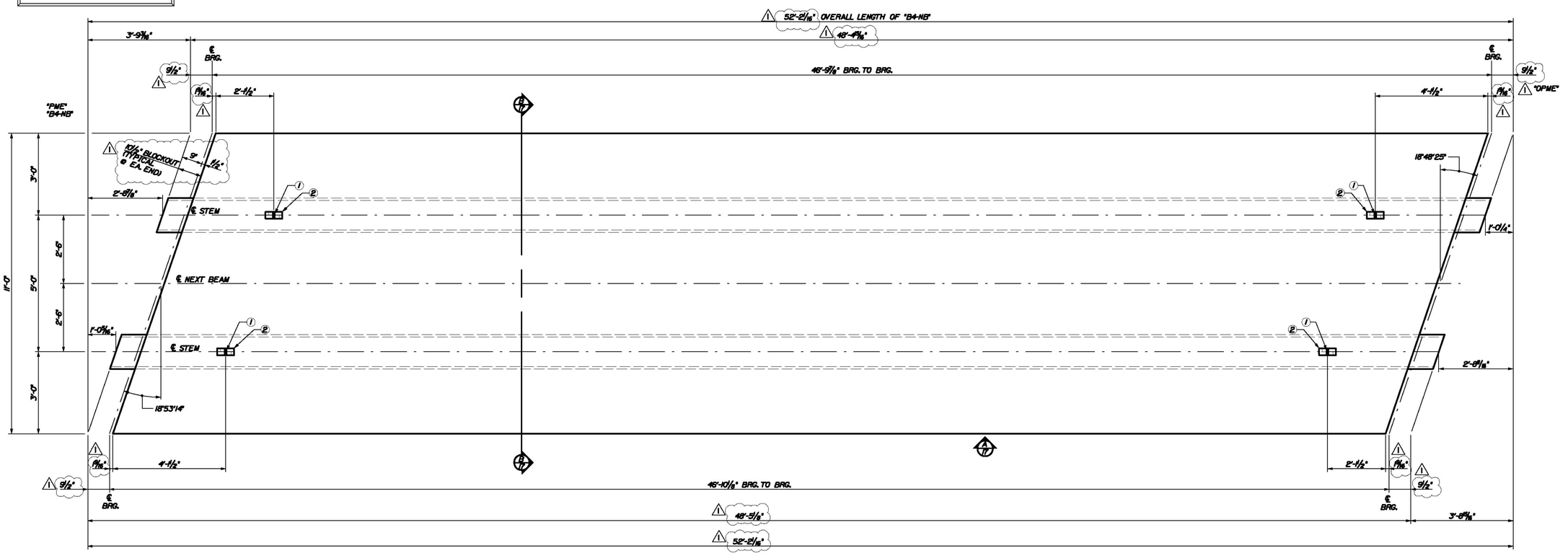
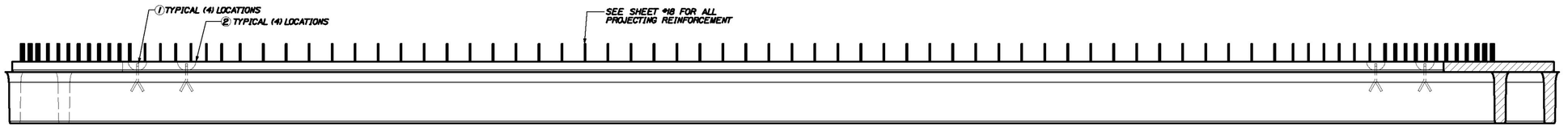
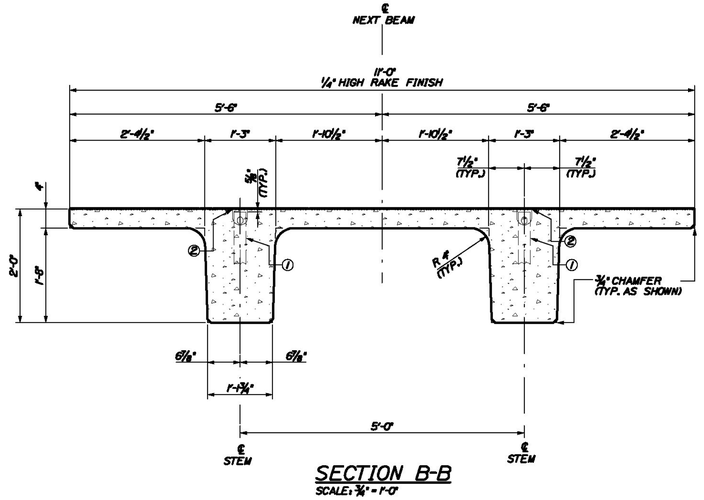
"PME" = PIECE MARK END
"OPME" = OPPOSITE PIECE MARK END



PLAN VIEW ~ BEAM "B4-NB"
SCALE: 1/2" = 1'-0"



VIEW A ~ TYPICAL BOTH SIDES
SCALE: 1/2" = 1'-0"



SECTION B-B
SCALE: 3/4" = 1'-0"

DESIGN NOTES:

CONCRETE f'_{ci} @ TRANSFER = 6200 PSI
f'_c @ FINAL = 8000 PSI
CAMBER @ DESTRESS = 1 3/16 in.
CAMBER @ ERECTION = 2 1/8 in.
FINISH - TOPS OF BEAMS TO RECIEVE RAKE FINISH W/ 1/4" AMPLITUDE
PATCH RECESS VOIDS FLUSH WITH SURFACE WITH CEMENT MORTAR
ALL TOLERANCES TO PCI STANDARDS

(1) "B4-NB" DECK BEAMS REQUIRED

SEE SHEET #18 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
"B4-NB"	27.15 TONS

BILL OF MATERIALS

REMARKS	#	QTY	TOTAL	DESCRITION
SEE SHEET #2	1	4	4	RL-23 SPREAD ANCHOR, 8 TON, (11" LONG), PART# MB79119
	2	4	4	RL-45 REUSABLE RECESS MEMBER, 8TON, PART# MB79121
	3	1	1	13.5 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 COMPLY WITH THE DESIGN AND DETAILS SHOWN ON THE CONTRACT DRAWING UNLESS REQUESTED OTHERWISE.

CONTRACTOR: BECK & BELLUCCI, INC.

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

STATE OF VERMONT
ERIC T. CALDERON
NO. 87
Structural
LICENSED
PROFESSIONAL ENGINEER

W.E. DAILEY INC.
AIRPORT ROAD, SHAFTSBURY, VT. 05262
PRECAST CONCRETE PRODUCTS
TEL: (802) 442-4416 FAX: (802) 442-4719
DATE: MARCH, 2011 REVISION: 0 INITIAL SUBMISSION
DETAILER: ETC

I-91 BRATTLEBORO, VERMONT
OVER MAPLE ST.

BEAM TYPE "B4-NB"
DIMENSIONAL DETAILS

SHEET NUMBER
17

Filename: ...\017_Beam_B4-NB_dimensional.dgn Workgroup: Structures Division Username: common Date:7/20/2011