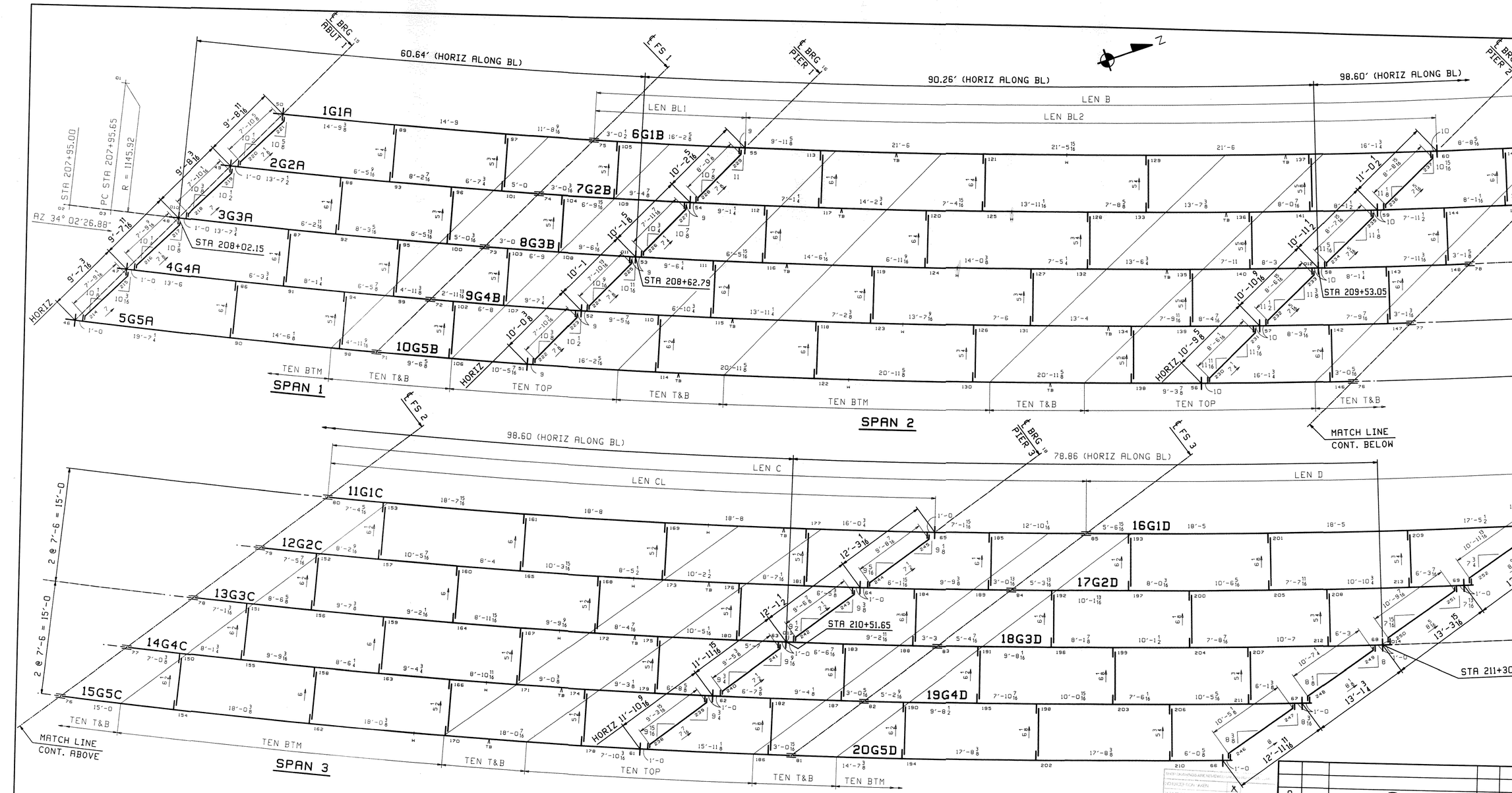

CALCULATION PLAN

Line	LEN A	LEN BL1	LEN BL2	LEN B	LEN CL	LEN C	LEN D	GRADE Abut 1	GRADE Pier 1	GRADE Pier 2	GRADE Pier 3	GRADE Abut 2
1	41'-2 15/16	20'-0 1/8	91'-5 5/16	131'-5 1/2	80'-5	100'-5	60'-10 7/16	-.0070	-.0125	-.0128	-.0158	-.0213
2	40'-11 1/4	20'-0	90'-10 3/16	130'-10 3/16	79'-5 13/16	99'-5 15/16	59'-10	-.0075	-.0124	-.0129	-.0148	-.0201
3	40'-7 3/4	20'-0 1/16	90'-3 3/16	130'-3 5/16	78'-7 1/4	98'-7 3/8	58'-10 5/16	-.0072	-.0123	-.0128	-.0143	-.0192
4	40'-4 1/4	20'-0 1/16	89'-8 1/2	129'-8 5/8	77'-9 1/8	97'-9 3/16	57'-11 3/16	-.0073	-.0122	-.0127	-.0139	-.0186
5	40'-0 15/16	20'-0 1/16	89'-2 1/16	129'-2 3/16	76'-11 3/8	96'-11 7/16	57'-0 3/4	-.0064	-.0122	-.0130	-.0138	-.0179

**** NOTE ****
THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DWG IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION.

NOTES
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTT OF WEB WITH CORRECTIONS MADE FOR VERTICAL CURVE, GRADE & DL CAMBER (UN).
2. TRANSVERSE DIMENSIONS ARE IN A HORIZ. PLANE (UN).
3. DROP ARROW POINTS TOWARDS LOW END OF MEMBER.
4. ENDS OF GIRDERS AND BRG. STIFF'S ARE VERTICAL AFTER DL ROTATION.
5. CF STIFF, INT STIFF & FIELD SPLICES ARE NORMAL TO GRADE.
6. BOTT PT NUMBERS =TOP PT NUMBERS + 300.
7. FOR LAYOUTS SEE "TD" SHEETS.
8. CROSSFRAME DROPS ARE CALCULATED IN THE 70% CAMBERED SHAPE OF THE BRIDGE.

SHOP DRAWINGS ARE REVIEWED FOR:
GENERAL ARRANGEMENT
CONFORMANCE WITH CONTRACT DOCUMENTS
SHOP FABRICATION
DETAILS
SUBMITTED
DATE 2/9/10
SIGNATURE
REVIEW BY STANTEC IS FOR GENERAL ARRANGEMENT OF APPURTENANCES, GENERAL CONFORMITY WITH DESIGN, FABRICATION RESPONSIBILITY, WORKMANSHIP, FABRICATION AND ERECTION METHODS, COORDINATION OF SHOP AND FIELD DETAIL, DESIGN OF COMPONENTS AND EQUIPMENT OR DIMENSIONS ON SHOP DRAWINGS.

REV.	DATE	REMARKS	DWN	CH
0				

MATERIAL: | SURFACE PREP. & PAINT: | HOLES: AS NOT

DESCRIPTION: CALCULATION PLAN

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1175

STRUCTURE: U.S. 5 over I-91
Bridge No. 19A
Putney
County of Windham

LOCATION: Putney
PROJ NO. IM 091-1(31)
CUSTOMER: VT AOT

PCP Thu, Jan 7, 2010 09:05:54 PM Casco (2012293-461) Rev.0