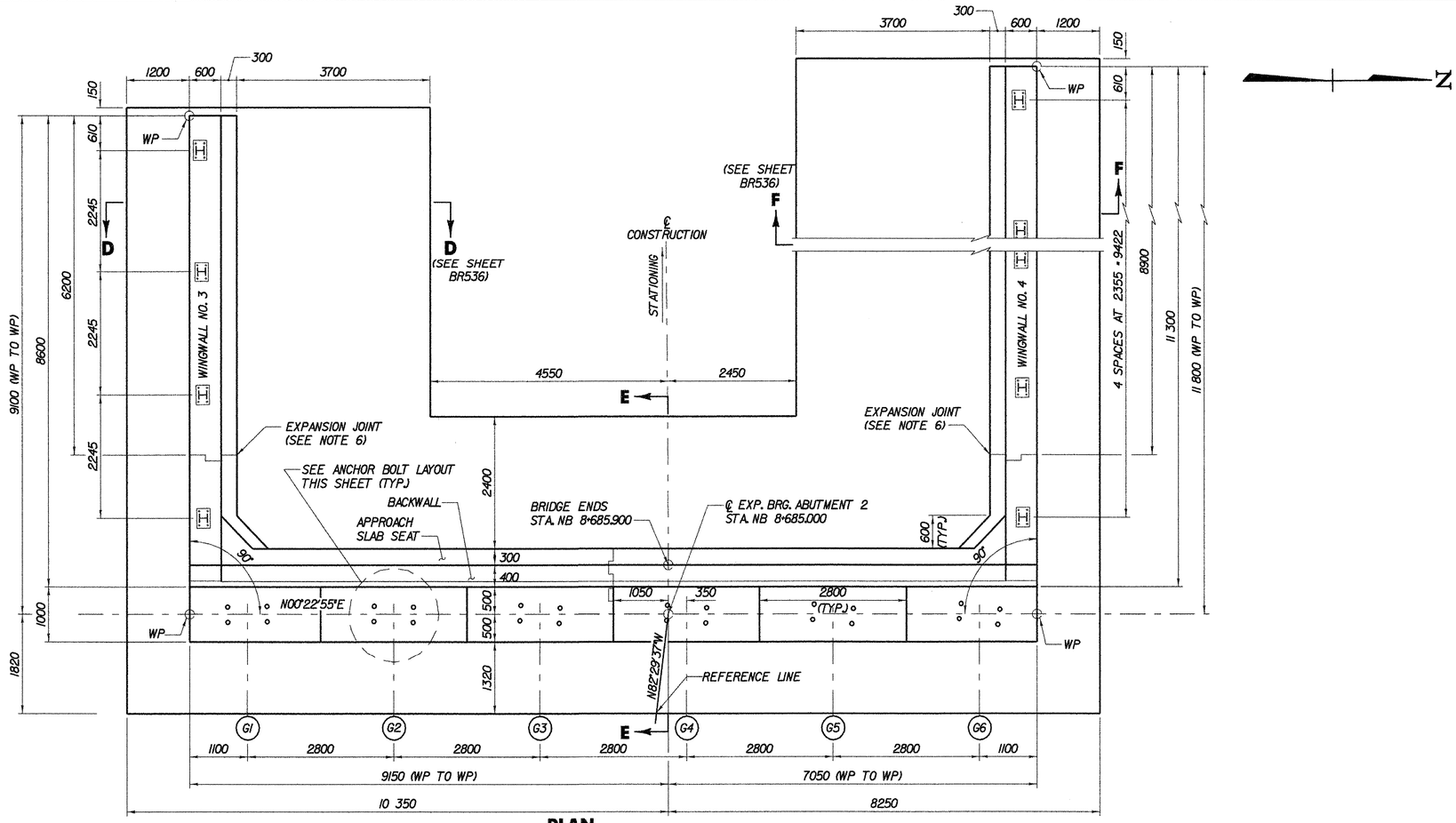
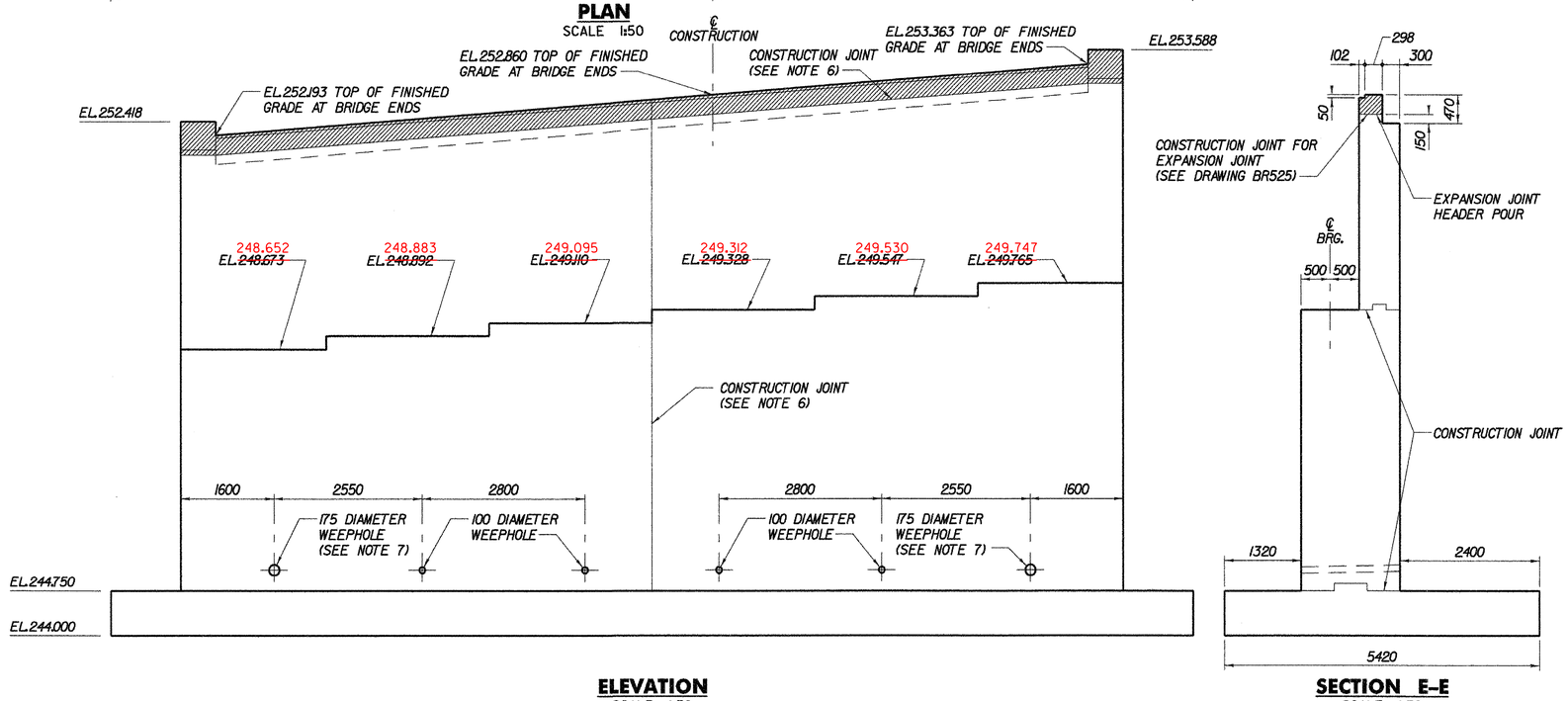


PLAN
SCALE 1:50

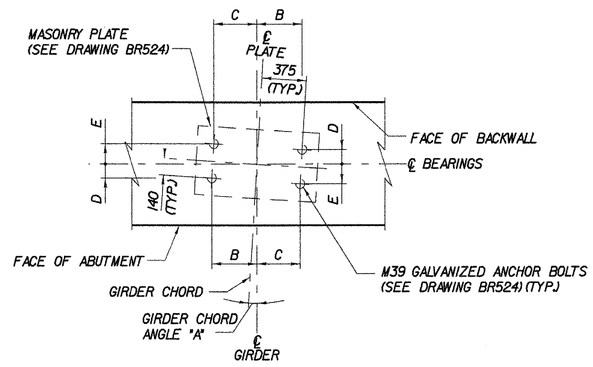


ELEVATION
SCALE 1:50

SECTION E-E
SCALE 1:50

NOTES:

1. ABUTMENT SEAT ELEVATIONS MAY HAVE TO BE ADJUSTED TO ACCOMMODATE THE ACTUAL BEARINGS FURNISHED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ANY CHANGES IN THE BEARINGS WHICH MAY AFFECT THE ABUTMENT SEAT ELEVATIONS OR DIMENSIONS.
2. NO CONCRETE SHALL BE PLACED ABOVE THE WINGWALL HORIZONTAL CONSTRUCTION JOINT UNTIL THE BEAM PROFILES HAVE BEEN TAKEN AND FINAL FINISHED GRADE OF THE DECK IS APPROVED BY THE ENGINEER.
3. LONGITUDINAL AND TRANSVERSE BRIDGE SEAT REINFORCING SPACING SHALL BE MODIFIED AS NECESSARY TO ASSURE THAT THERE WILL BE NO CONFLICT WITH THE BEARING DEVICE ANCHOR BOLTS.
4. FOR DIMENSIONS USED IN DETERMINING THE THEORETICAL BRIDGE SEAT ELEVATIONS, SEE EXPANSION BEARING DETAILS, BRIDGE SHEET BR524.
5. FOR ADDITIONAL LAYOUT INFORMATION, SEE FRAMING PLAN (2 OF 2), BRIDGE SHEET BR517.
6. FOR THE TYPICAL CONCRETE CONSTRUCTION JOINT AND EXPANSION JOINT DETAILS, SEE TYPICAL BRIDGE DETAILS, SHEET BR512.
7. THE CONTRACTOR SHALL OUTLET THE 150 DIAMETER UNDERDRAIN THROUGH THE 175 DIAMETER WEEP. AFTER INSTALLATION OF THE UNDERDRAIN THE ANNULAR SPACE BETWEEN THE UNDERDRAIN AND THE WEEP SHALL BE FILLED WITH TYPE IV MORTAR CONFORMING TO SECTION 707.03 OF THE SPECIFICATIONS.



ANCHOR BOLT LAYOUT
NOT TO SCALE

ANCHOR BOLT TABLE					
LOCATION	GIRDER CHORD ANGLE "A"	OFFSET B	OFFSET C	OFFSET D	OFFSET E
G1	-0° 57' 05"	373	377	146	134
G2	1° 18' 27"	378	372	131	149
G3	3° 33' 45"	383	366	116	163
G4	3° 33' 45"	383	366	116	163
G5	5° 47' 43"	387	359	101	177
G6	8° 00' 39"	391	352	86	191

0 1 2 3 4 5m

SCALE 1:50

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of BENNINGTON	Bridge No. BI2
Highway No. VT RTE 279	Log Sta. / Surv. Sta.
VT ROUTE 279 OVER FURNACE BROOK	
ABUTMENT 2 MASONRY	
Designed By M.D. BOWER	Drawn By D.J. HENDERSON
Checked By B.J. CARLSON Date 04/07	Bridge Design Supervisor K.M. WOJTKOWSKI Date 04/07
PROJECT BENNINGTON	PROJECT NO. AC NH F019-1(53)
TVGA CAD Drawing No. FBAbut2Conc.dgn	Date 04/12/2007
Bridge Sheet No. BR533	Sheet 225 of 577

TVGA CONSULTANTS