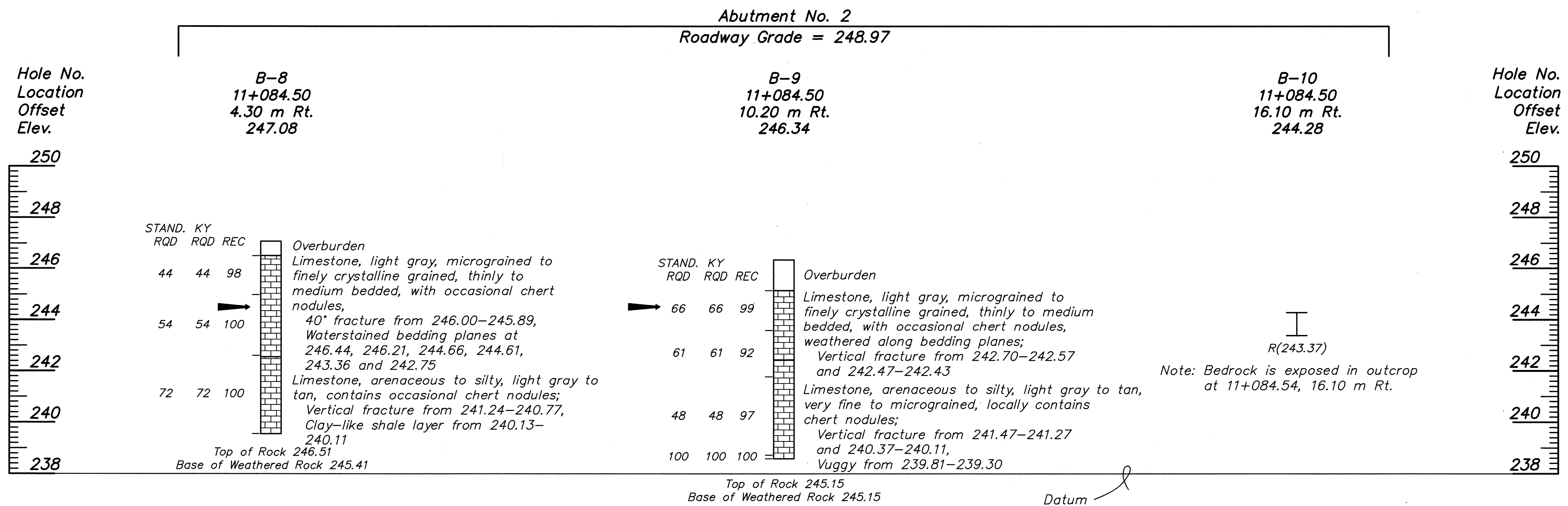


SUBSURFACE DATA



NOTES:

- Surface Elevations are referenced to Mean Sea Level.
- All measurements are presented in SI Metric Units.
- The allowable bearing capacity for spread footings constructed at the elevations presented in Table 3 of the Geotechnical Report is estimated to be as follows:

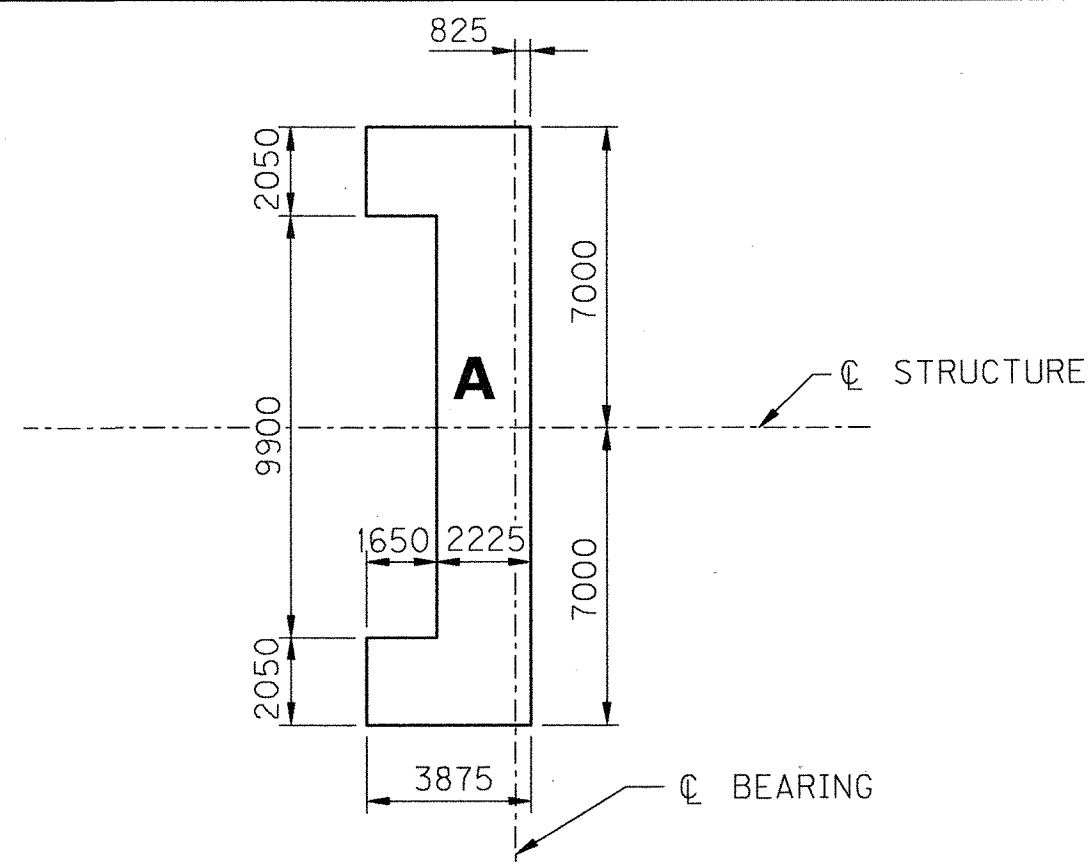
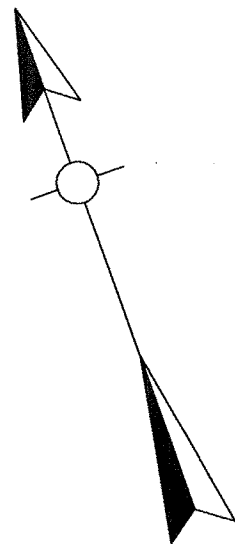
Substructure Element	Estimated Allowable Capacity (MPa)
Abutment No. 1	4.79
Pier No. 1	N/A
Pier No. 2	N/A
Abutment No. 2	2.39

SCALE 1:100
(VERTICAL ONLY)

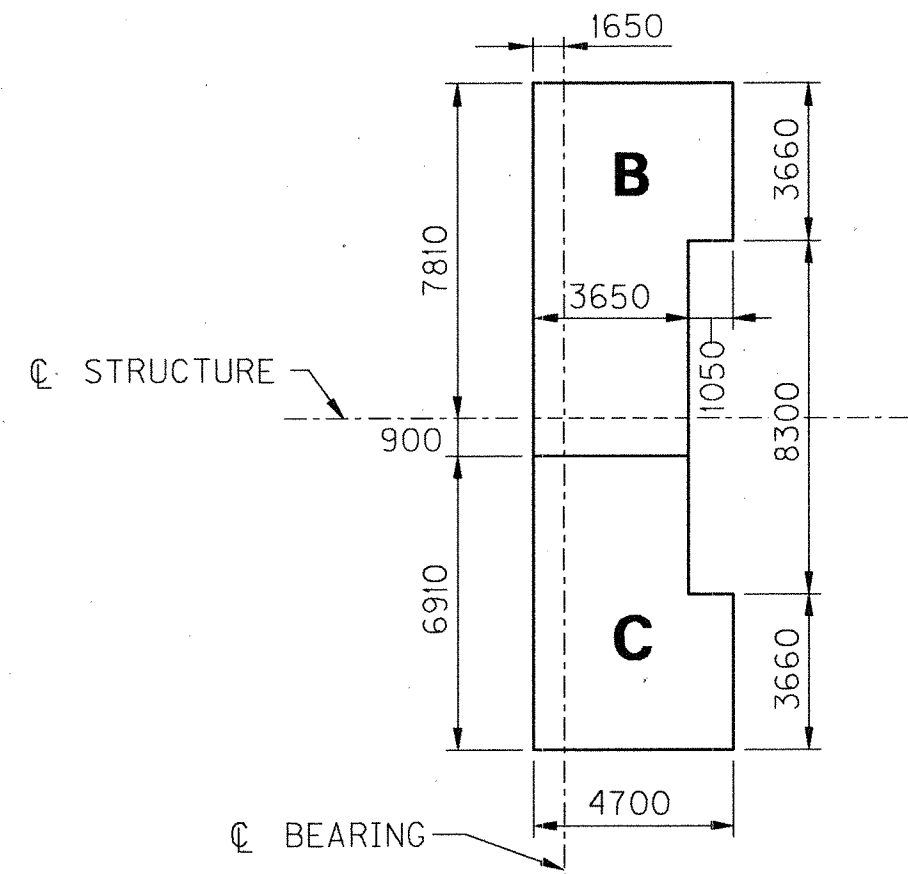
Sheet 3 of 3

SHEET 8

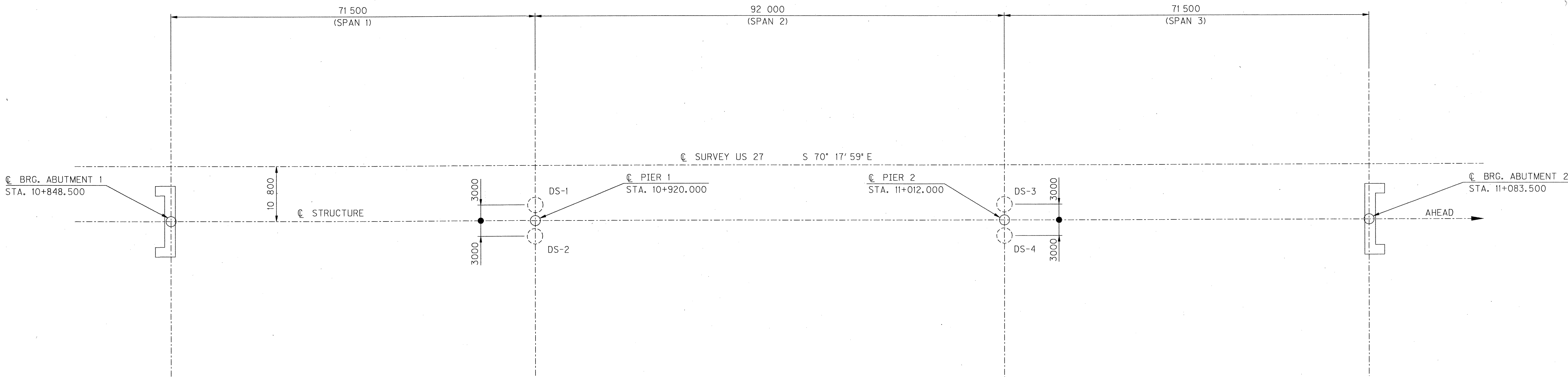
COMMONWEALTH OF



ABUTMENT 1



ABUTMENT 2



SPREAD FOOTING RECORD ABUTMENTS			NOTE: AFTER ALL FOUNDATIONS HAVE BEEN PLACED, THE PROJECT RESIDENT ENGINEER SHALL RECORD THE BOTTOM OF FOOTING ELEVATION "AS BUILT" AND SHALL SUBMIT ONE COPY OF THIS SHEET WITH THIS DATA TO: DIRECTOR, DIVISION OF BRIDGE DESIGN STATE OFFICE BUILDING, ROOM 725 FRANKFORT, KY 40622
FOOTING	PLAN FOOTING ELEVATION	AS-BUILT FTG. ELEVATION	
A	246.620		NOTE: CONTRARY TO THE SPECIFICATIONS, BOTTOM OF FOOTING ELEVATIONS SHALL NOT BE RAISED.
B	242.650		
C	240.500		NOTE: IF THE SPREAD FOOTING FOUNDATION IS STEPPED DUE TO UNSUITABLE MATERIAL FOUND AT THE GIVEN ELEVATION, THE LOCATION AND ELEVATION OF THE STEP SHALL BE SHOWN ON THIS SHEET AND SUBMITTED ALONG WITH AS-BUILT ELEVATIONS.
FOOTING IS DESIGNED FOR A MAXIMUM PRESSURE OF 540.6 kPa THE ALLOWABLE BEARING CAPACITY IS 4790 kPa FOR ABUTMENT 1 AND 2390 kPa FOR ABUTMENT 2			

FOR DRILLED SHAFT DETAILS
SEE SHEET 10.

REVISION		DATE
DATE: 12 FEB., 1999	CHECKED BY	
DESIGNED BY: P. J. SZAK	R. S. PALMER	
DETAILED BY: J. A. ROSE	R. S. PALMER	
Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS		
COUNTY PULASKI		
ROUTE US 27	CROSSING OVER PITMAN CREEK	
FOUNDATION LAYOUT		
PREPARED BY		SHEET NO.
PALMER ENGINEERING CO.		9
		DRAWING NO.
		23945

