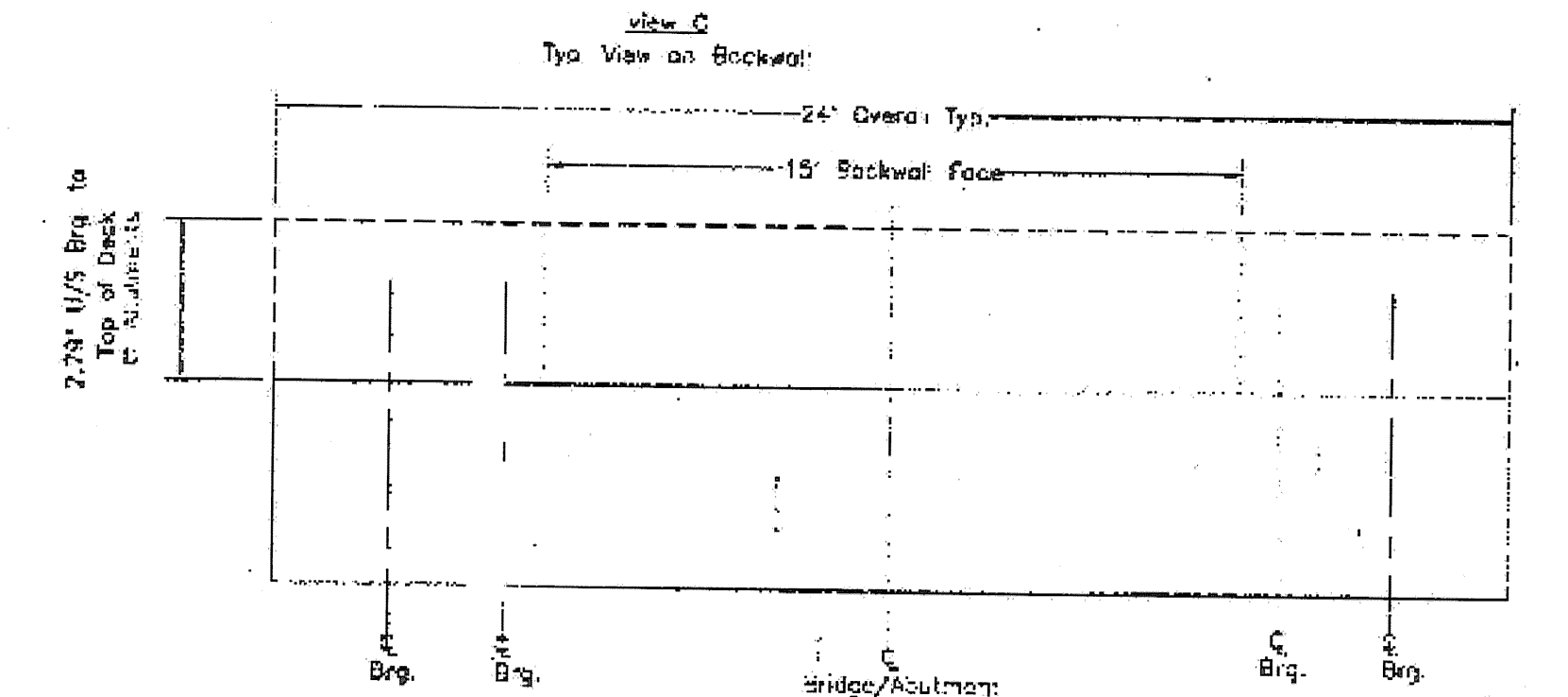


END REACTION at Abutments	
DEAD	85
LIVE	95
TOTAL	180

END REACTION at Pier	
DEAD	130
LIVE	159
TOTAL	289

Live reactions—Max and Min are concurrent. Differences is due to eccentricity of loading. Reactions in kips 1 kip = 1000 lbs.



- Notes:
- 1) Live Load is HS-20
 - 2) Abutments, Pier, and Anchor Bolts by Contractor
 - 3) Due to the nature of modular bearing, dimensions to various components are as shown. Mabeey Bridge recommends the following:
 - a) Construct backwalls after bridge is in place.
 - b) Cast 3" voids at anchor bolt locations.
 - c) Grout in anchor bolts after bridge is in place.

POWNAL
BRZ 144(19) C/2
REFERENCE SHEET 18 OF 18
SHEET 108 OF 108



drawing title
Geometric Abutment Layout for 2 Span Mabeey Compact 200 (13 : 13 Bays) Top Pin Out EW (13.7') Roadwidth with Epoxy Anti Skid Coated Decks HS-20 Live Loading

client	Petricca		
Dwg. no.	omb\67\24-02	File	omb\67\24-02.dwg
drawn by	QIG	date	4/25/97
chk'd by	C. S. S.	date	4/25/97
revision		sheet	2 of 2

SECURITY NO. EYB 88/56
ORDER NO. OMB 24/67
do not scale

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