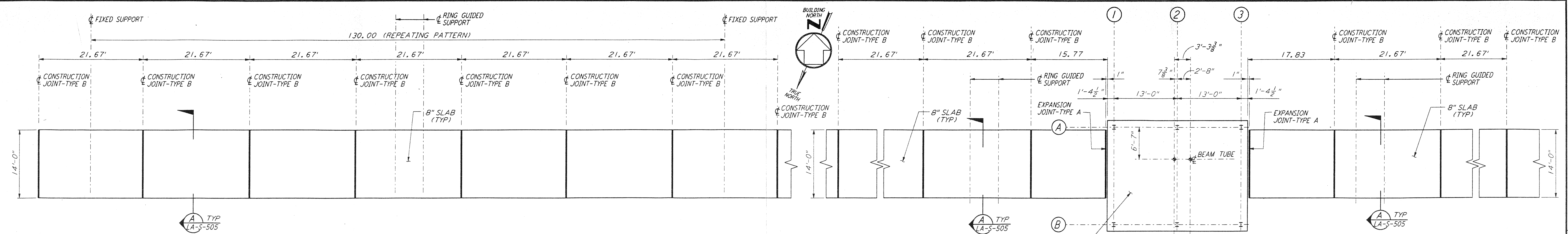


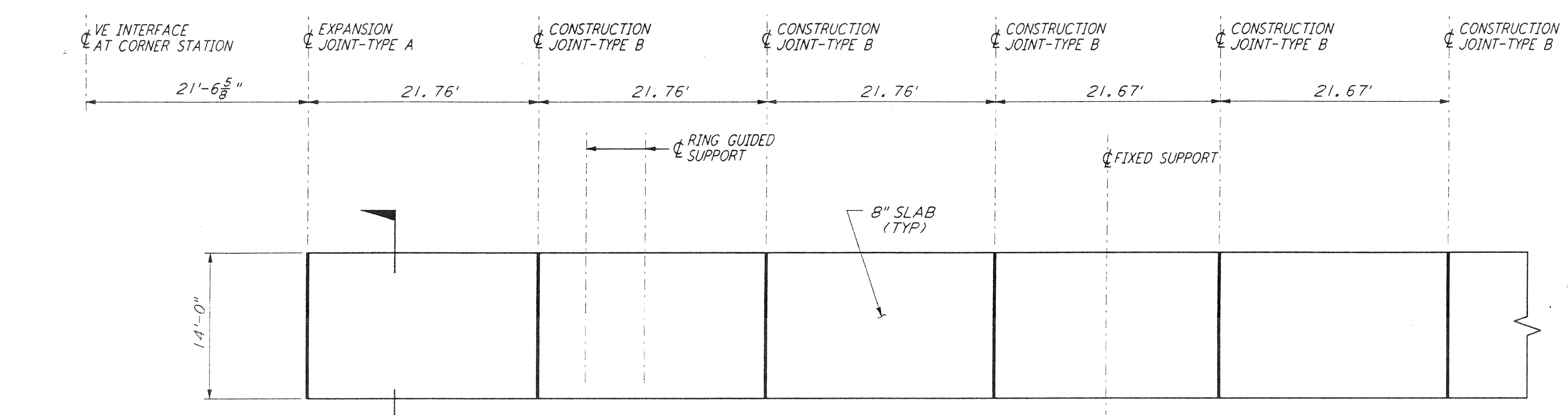
This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.



TYPICAL SLAB LAYOUT BETWEEN 130' REPEATING SUPPORT PATTERN

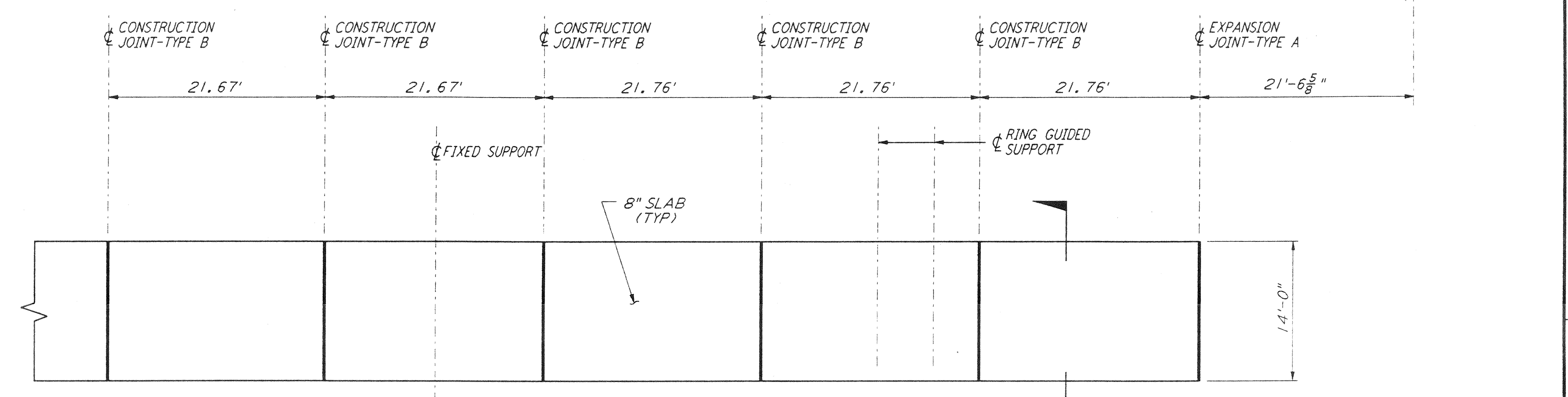
DETAIL 1 REF
 $\frac{1}{8}'' = 1'-0''$ LA-S-506 LA-S-504

SLAB AT MID STATION ON SOUTHWEST ARM
 DETAIL 2 REF
 $\frac{1}{8}'' = 1'-0''$ LA-S-506 LA-S-504 LA-S-505



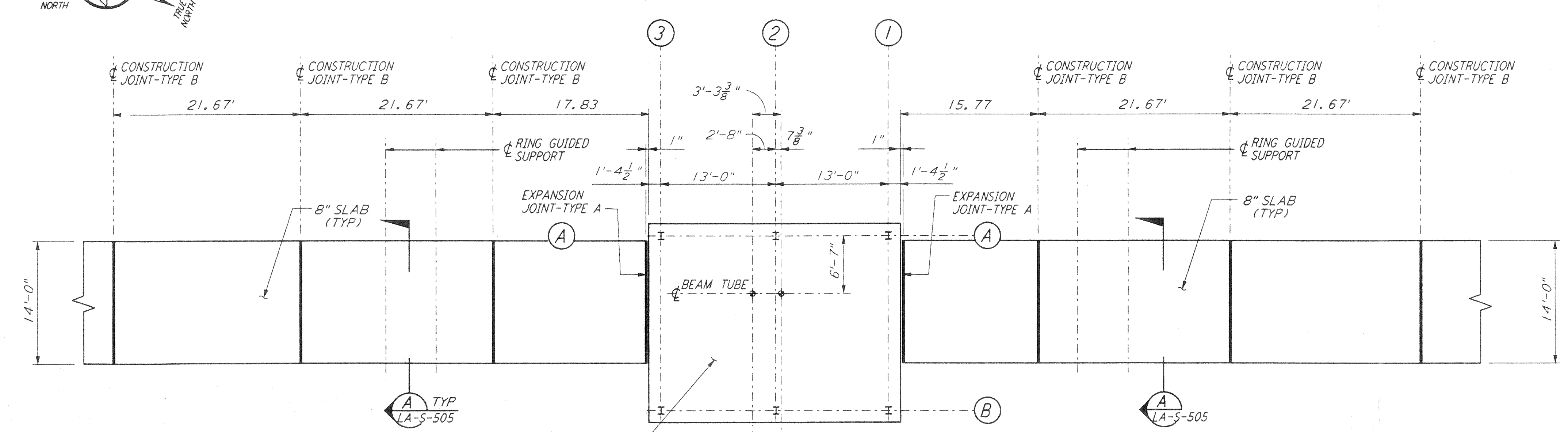
TYPICAL SLAB AT CORNER STATION

DETAIL 3 REF
 $\frac{1}{8}'' = 1'-0''$ LA-S-506 LA-S-504 LA-S-505



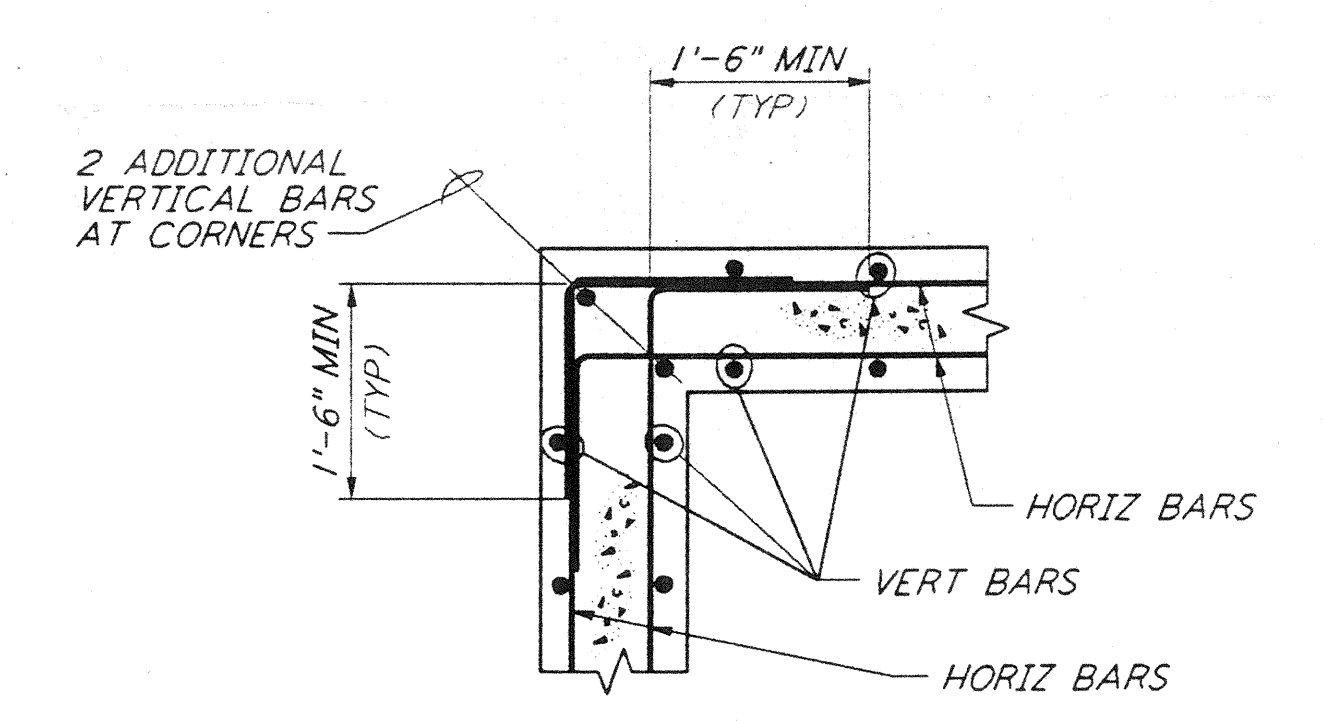
TYPICAL SLAB AT END STATION

DETAIL 4 REF
 $\frac{1}{8}'' = 1'-0''$ LA-S-506 LA-S-504 LA-S-505



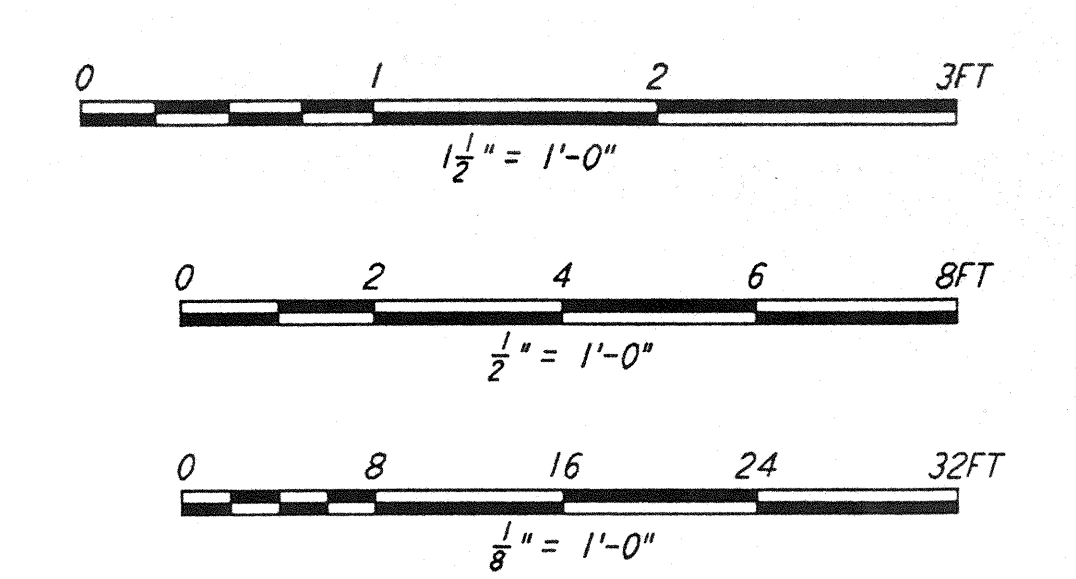
SLAB AT MID STATION ON SOUTHEAST ARM

DETAIL 7 REF
 $\frac{1}{8}'' = 1'-0''$ LA-S-506 LA-S-504 LA-S-505



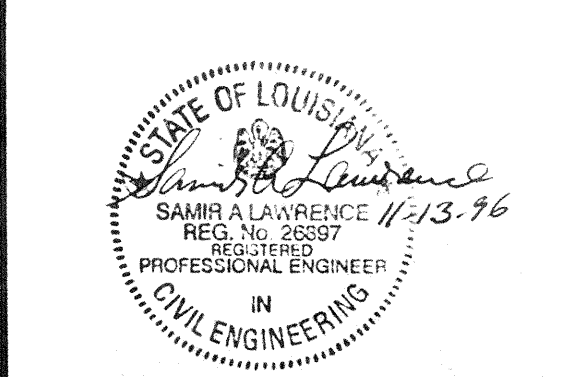
DETAIL 6 REF
 $\frac{1}{8}'' = 1'-0''$ LA-S-506 LA-S-505

NOTE:
 1. FOR GENERAL NOTES, ABBREVIATIONS AND LEGEND SEE DRAWING LA-S-501.



NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION	MCS	11-15-96
DRAWN		
CHECKED		
ENGINEER		
PROJ		



PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 BEAM TUBE ENCLOSURE - LIVINGSTON, LA

STRUCTURAL
 BEAM TUBE ENCLOSURE
 SECTIONS & DETAILS
 SHEET 2

SCALE: AS NOTED
 CONTRACT NUMBER: PPI 50969
 PROJECT NUMBER: 8094
 SHEET NUMBER: LA-S-506