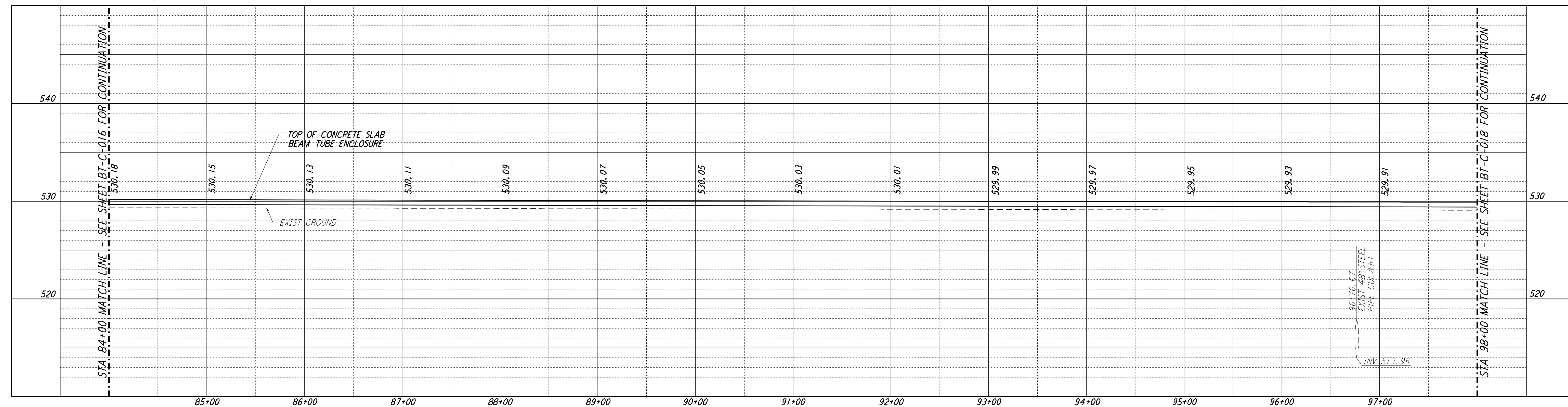
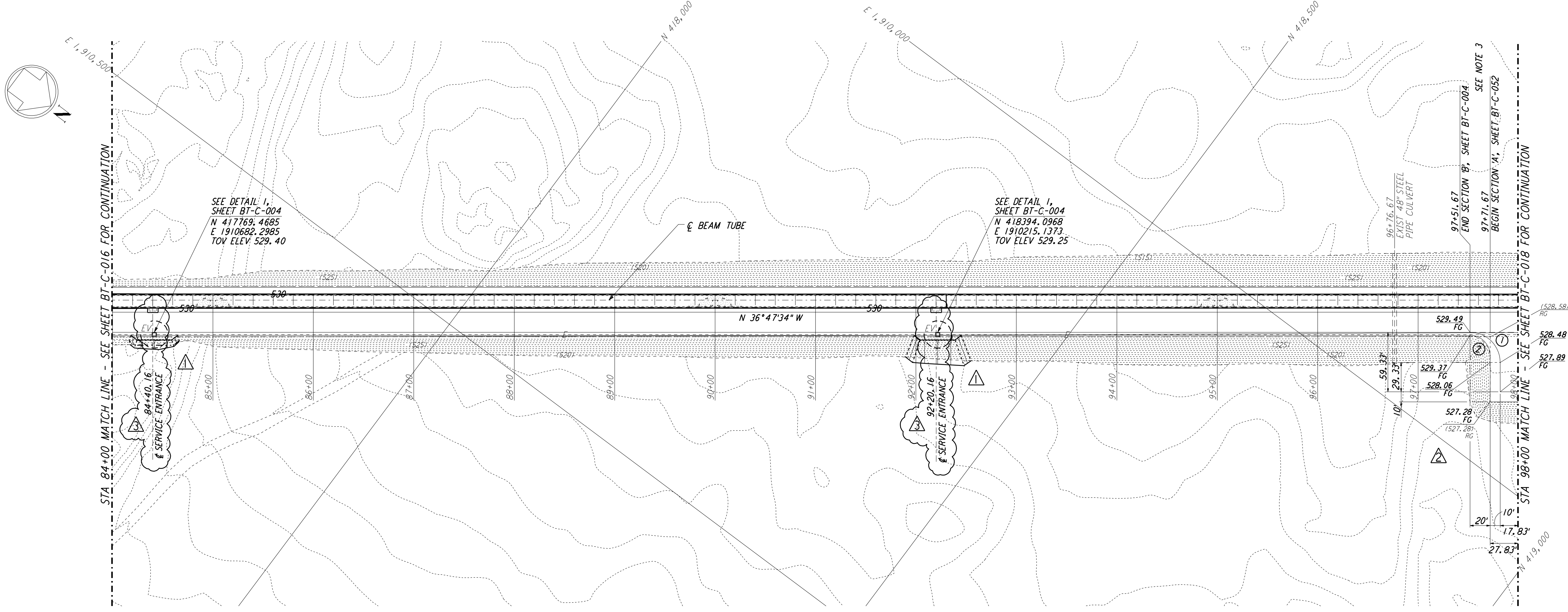


NOTES:

1. SEE SHEET BT-C-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. SEE SHEET BT-C-004 FOR TYPICAL SECTIONS AND DETAILS.
3. TRANSITION BETWEEN SECTIONS, AS SHOWN ON PLAN.

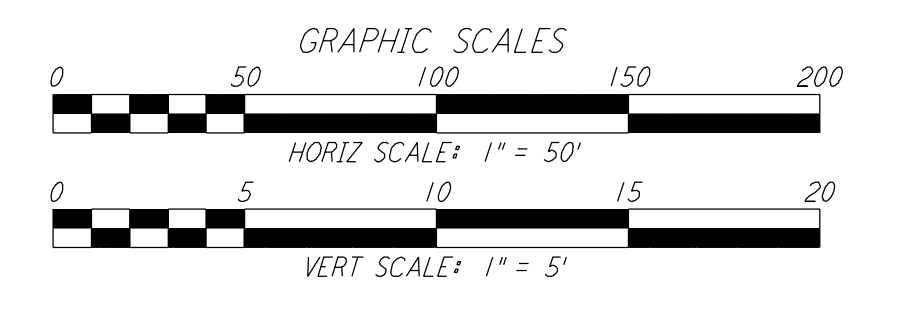
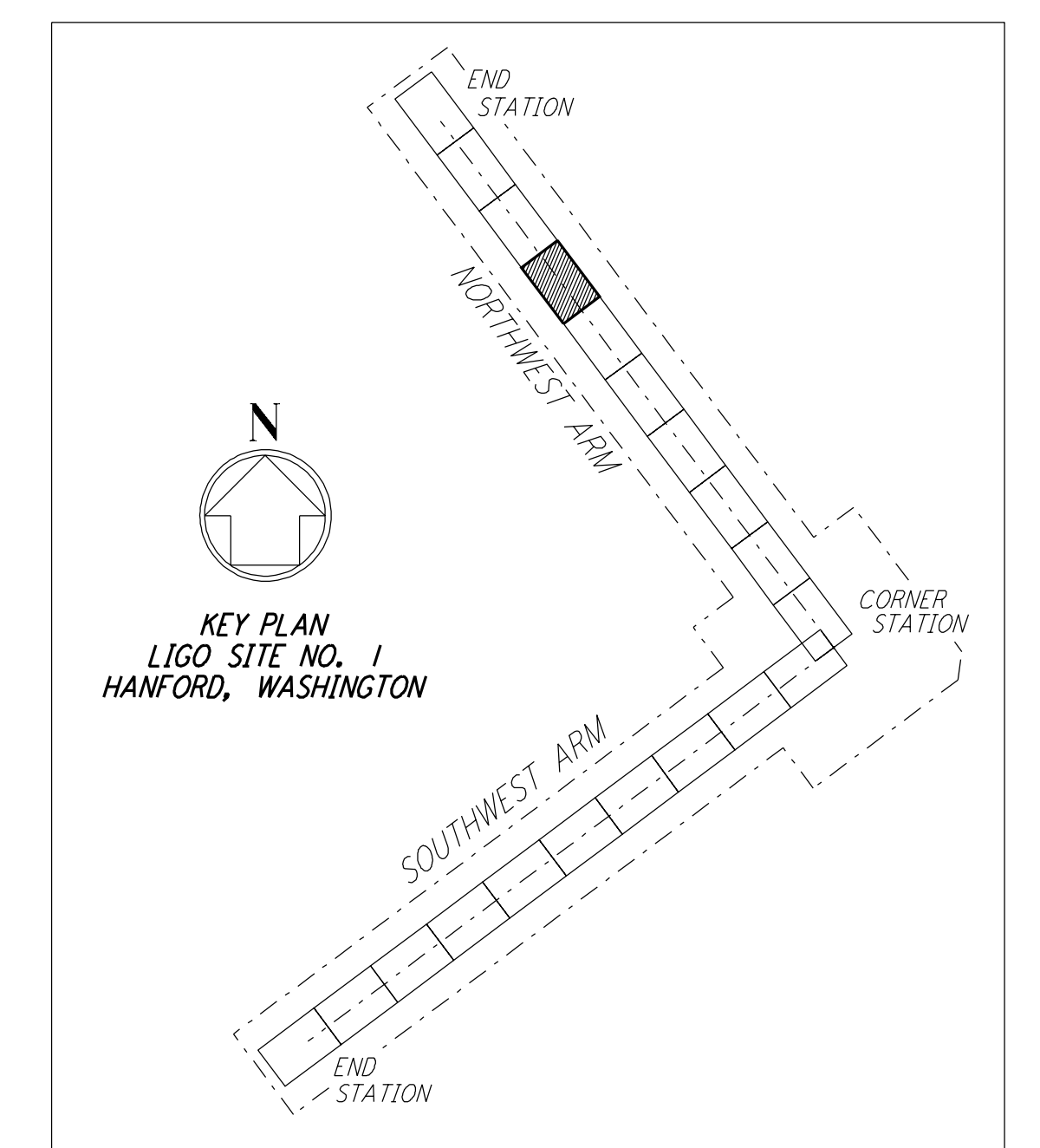


PROFILE
 SCALES: HORIZ: 1" = 50'
 VERT: 1" = 5'



PLAN
 SCALE: 1" = 50'

CURVE DATA				
Δ	RADIUS	LENGTH	TANGENT	
1	90°00'00"	30'	47.12'	30.00'
2	90°00'00"	20'	31.42'	20.00'



LIGO-D960713-03-0

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
3	5-10-96	WRB				REVISED BEAM TUBE SERVICE ENTRANCES
2	4-19-96	WRB	TDM	JB	MDW	CHANGE ORDER NO. 4
1	2-29-96	WRB	TDM	JB	MDW	CHANGE ORDER NO. 2

ISSUED FOR CONSTRUCTION		
DRAWN	WRB	1-19-96
CHECKED	MP	1-19-96
ENGINEER	JB	1-19-96
PROJ	MDW	1-19-96

PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 BTE SITework & FABRICATION - HANFORD, WA

CIVIL
 NORTHWEST ARM
 PLAN AND PROFILE
 STA 84+00 TO STA 98+00

AS NOTED PP150969 8094
BT-C-017

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.

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.

F:_Sep 11 10:26:52 1998 c:\plot\lgo\l33-98.dwg Ms.DJUELES\BMS\CE017.PDF