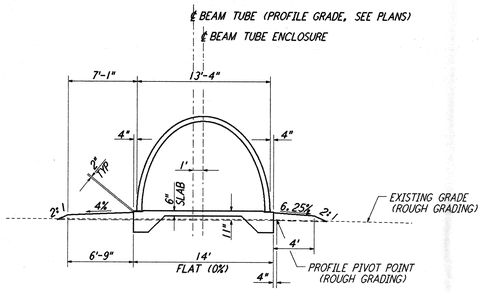
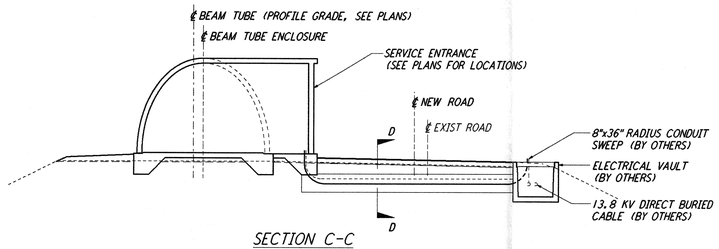


SECTION A / BT-C-004
NOT TO SCALE

REF: BT-C-005, BT-C-011, BT-C-015, BT-C-020, BT-C-031, BT-C-035, BT-C-040

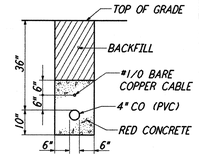
NORTHWEST ARM: STA 1+72.48 THRU STA 6+35.00; STA 63+56.67 THRU STA 65+64.72; STA 66+71.80 THRU STA 67+96.67; STA 128+56.67 THRU STA 130+64.05

SOUTHWEST ARM: (SEE NOTE 5) STA 1+72.48 THRU STA 5+22.76; STA 63+56.67 THRU STA 65+64.72; STA 66+71.80 THRU STA 67+96.67; STA 128+56.67 THRU STA 130+64.05



SECTION C-C

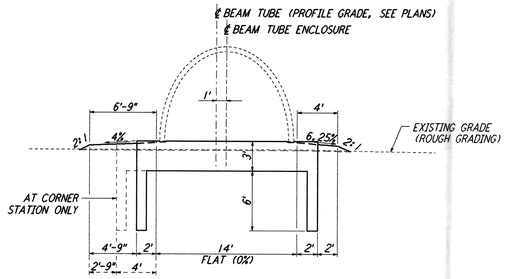
NOTE: REFER TO SECTIONS 'A' AND 'B' FOR DIMENSIONS AND CALLOUTS NOT SHOWN ON THIS SECTION.



SECTION D-D

NOTES:

1. SEE SHEET BT-C-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
2. CORNER STATION DIMENSIONS TO BE DETERMINED.
3. SECONDARY CONDUIT DIRECTION SHALL FACE MID OR END STATION, AS APPROPRIATE.
4. CONDUITS SHALL EXTEND TOWARD BUILDING VIA DUCT BANK, DETAIL 3, THIS SHEET.
5. FOR SOUTHWEST ARM, SECTIONS 'A', 'A(SIM)' AND 'B' ARE MIRRORED ABOUT THE BEAM TUBE CENTERLINE.

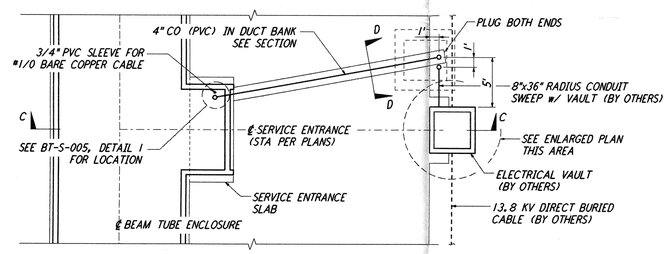


SECTION A (SIM) / BT-C-004
NOT TO SCALE

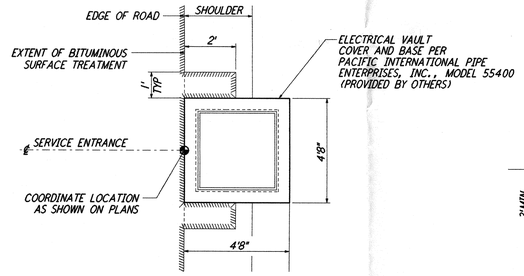
REF: BT-C-005, BT-C-011, BT-C-015, BT-C-020, BT-C-031, BT-C-035, BT-C-040

NORTHWEST ARM: STA 1+47.48 THRU STA 1+72.48; STA 65+64.72 THRU STA 65+89.72; STA 66+46.80 THRU STA 66+71.80; STA 130+64.05 THRU STA 130+89.05

SOUTHWEST ARM: (SEE NOTE 5) STA 1+47.48 THRU STA 1+72.76; STA 65+64.72 THRU STA 65+89.72; STA 66+46.80 THRU STA 66+71.80; STA 130+64.05 THRU STA 130+89.05



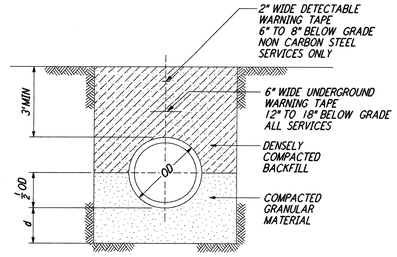
PLAN



ENLARGED PLAN @ VAULT

TYPICAL LOCATION PLAN @ SERVICE ENTRANCE FOR ELECTRICAL VAULT / 1 / BT-C-004
NOT TO SCALE

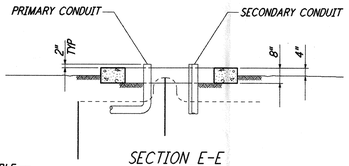
REF: BT-C-005, BT-C-011 THRU BT-C-014, BT-C-016 THRU BT-C-019, BT-C-031 THRU BT-C-034, BT-C-036 THRU BT-C-039



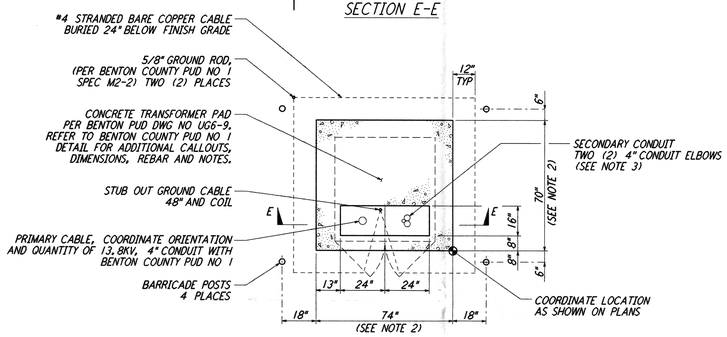
DEPTH OF BEDDING MATERIAL BELOW PIPE	
ID	d(MIN)
27" & SMALLER	3"

TRENCH BEDDING / 4 / BT-C-004
NOT TO SCALE

REF: BT-C-005, BT-C-011, BT-C-031



SECTION E-E

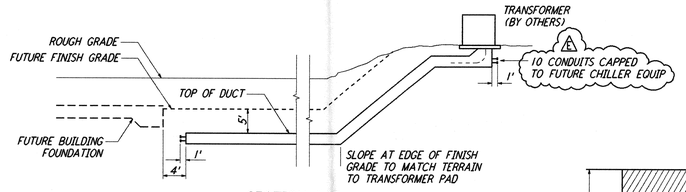


PLAN

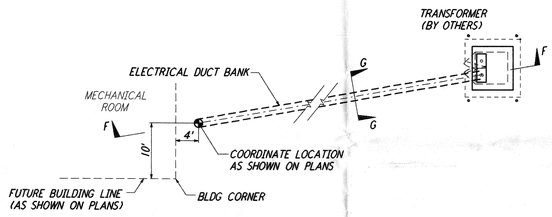
NOTE: ORIENT PAD SUCH THAT DOORS FACE TOWARDS THE BEAM TUBE EMBANKMENT

TYPICAL LOCATION PLAN FOR ELECTRICAL TRANSFORMER PAD / 2 / BT-C-004
NOT TO SCALE

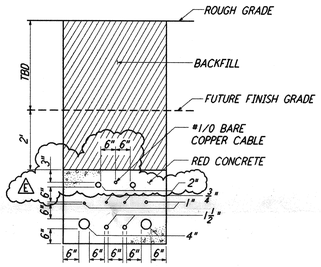
REF: BT-C-005, BT-C-015, BT-C-020, BT-C-035, BT-C-040



SECTION F-F



PLAN



SECTION G-G

NOTE: ALL CONDUITS ARE PVC, SIZES ARE TRADE NOMINAL

TYPICAL PLAN @ MID AND END STATIONS FOR ELECTRICAL DUCT BANK / 3 / BT-C-004
NOT TO SCALE

REF: BT-C-015, BT-C-020, BT-C-025, BT-C-040

D960164-E-D

REFERENCES		REVISIONS							
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
		E	12/18/95	WRB				BID AMENDMENT 1
		D	11/21/95	WRB				ISSUED FOR BID
		C	11/6/95	WRB				FINAL DESIGN REVIEW
		B	10/3/95	WRB				DRAFT FINAL DESIGN REPORT
		A	8/14/95	WRB				PRELIMINARY DESIGN REPORT

DRAWN	WRB	
CHECKED		
ENGINEER		
PROJ		

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

TITLE: TYPICAL SECTIONS AND DETAILS

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: BT-C-004 REVISIONS: E

LIGOBTF3.BDR

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.