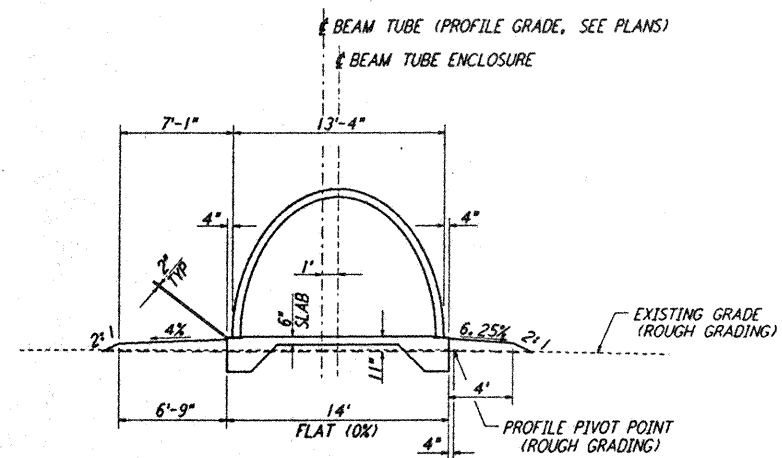


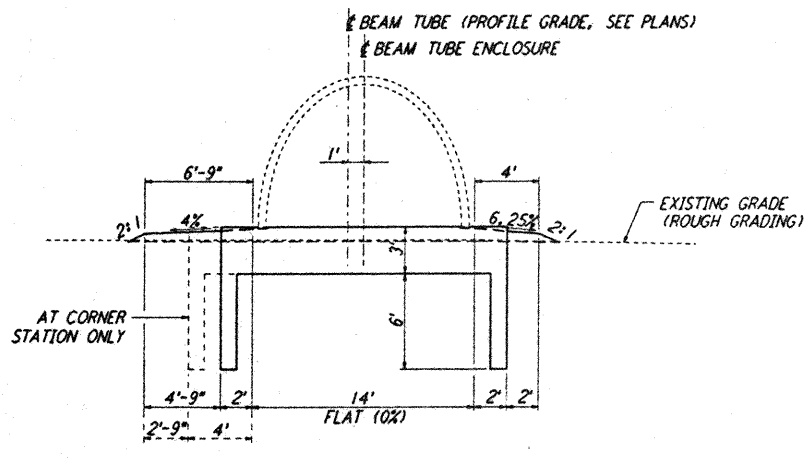
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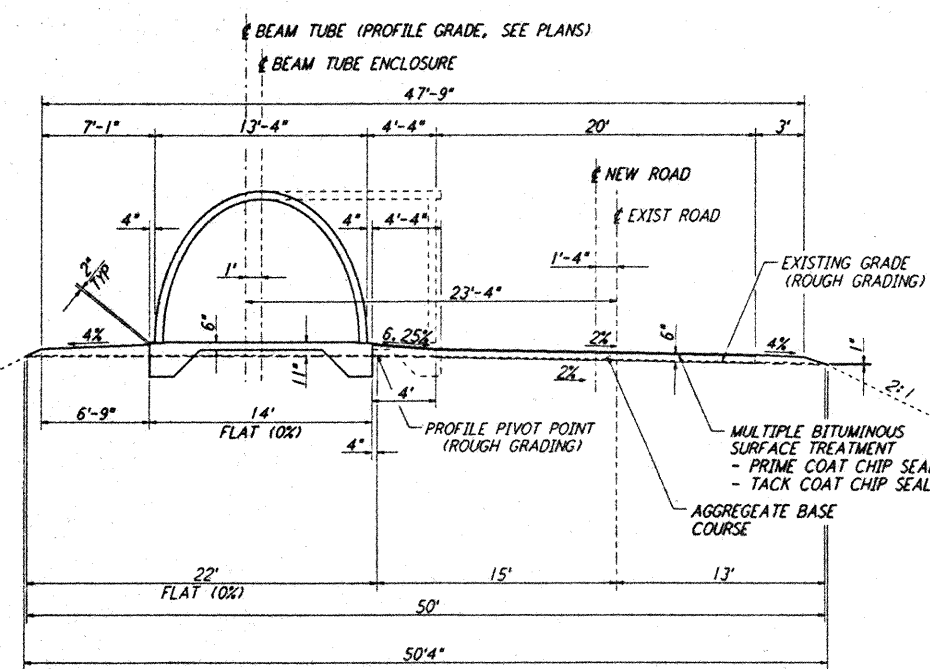
**NORTHWEST ARM:** STA 1+72.48 THRU STA 6+35.00  
STA 63+56.67 THRU STA 65+64.72  
STA 66+71.80 THRU STA 67+96.67  
STA 128+56.67 THRU STA 130+64.05

**SOUTHWEST ARM:** 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



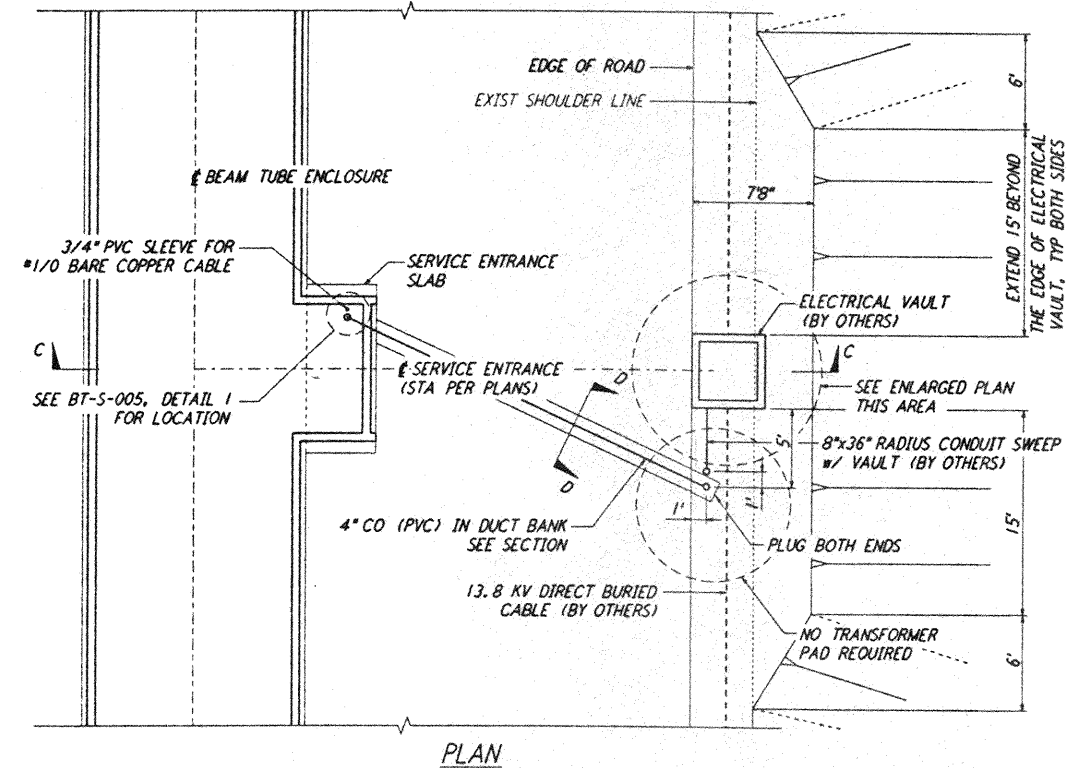
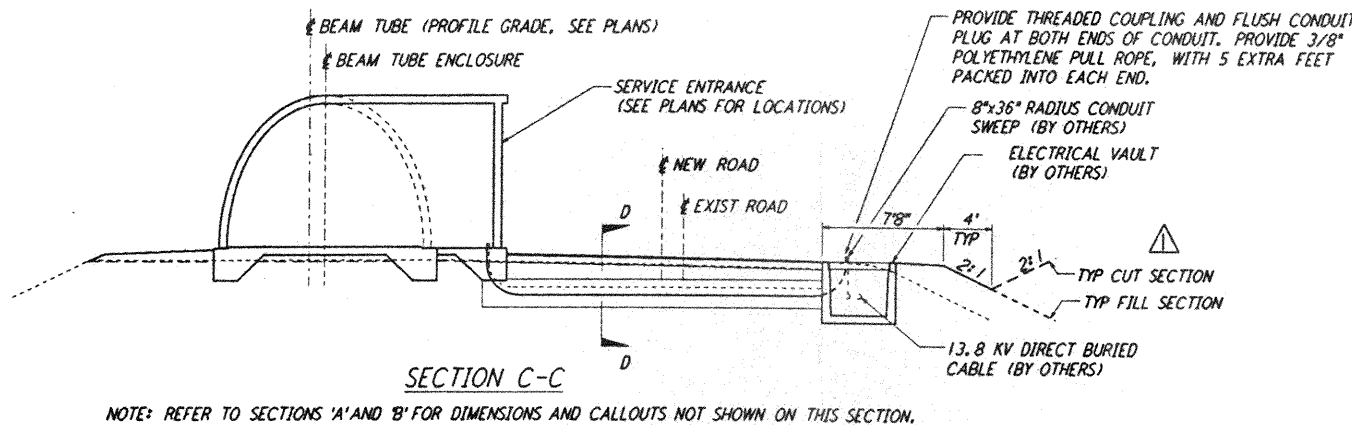
**NORTHWEST ARM:** STA 1+47.48 THRU STA 1+72.48  
STA 65+64.72 THRU STA 65+89.72  
STA 66+46.80 THRU STA 66+71.80  
STA 130+64.05 THRU STA 130+89.05

**SOUTHWEST ARM:** 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

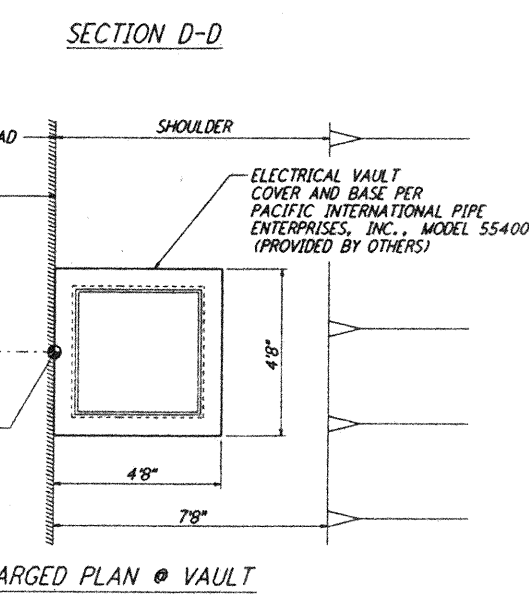
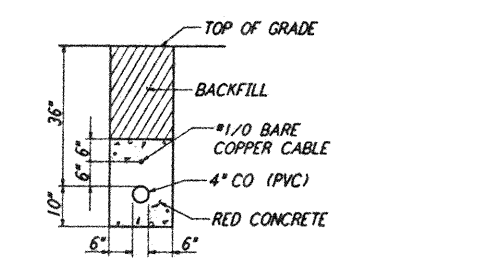


**NORTHWEST ARM:** STA 6+35.00 THRU STA 32+01.67  
STA 33+51.67 THRU STA 63+56.67  
STA 67+96.67 THRU STA 97+51.67  
STA 99+01.67 THRU STA 128+56.67

**SOUTHWEST ARM:** STA 5+22.76 THRU STA 32+01.67  
STA 33+51.67 THRU STA 63+56.67  
STA 67+96.67 THRU STA 97+51.67  
STA 99+01.67 THRU STA 128+56.67

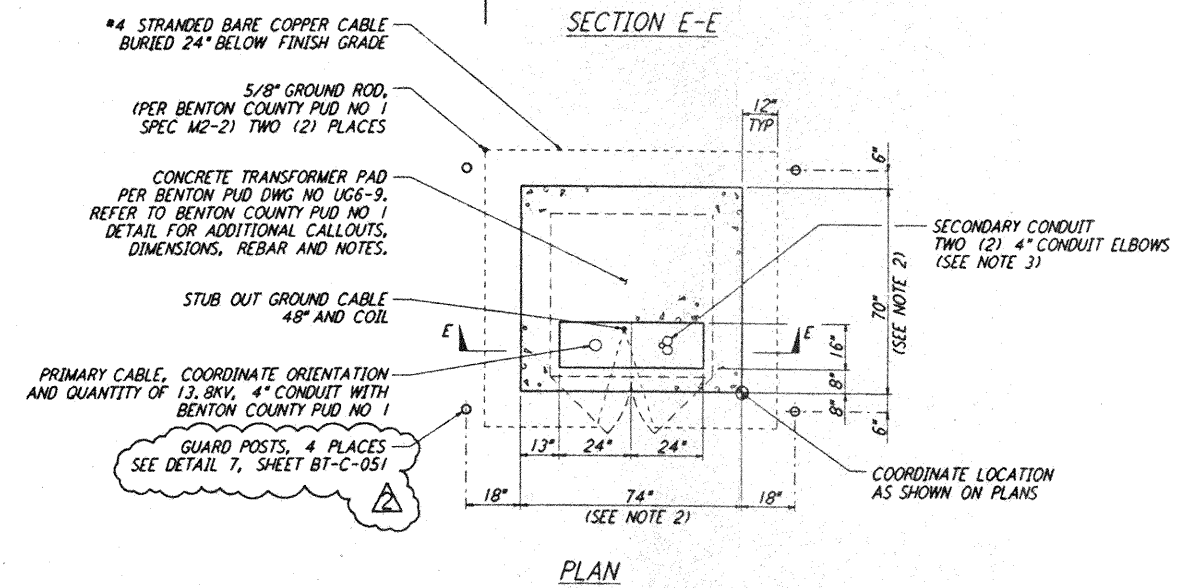
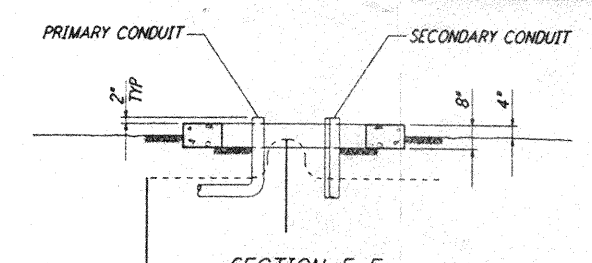


TYPICAL LOCATION PLAN @ SERVICE ENTRANCE FOR ELECTRICAL VAULT  
NOT TO SCALE

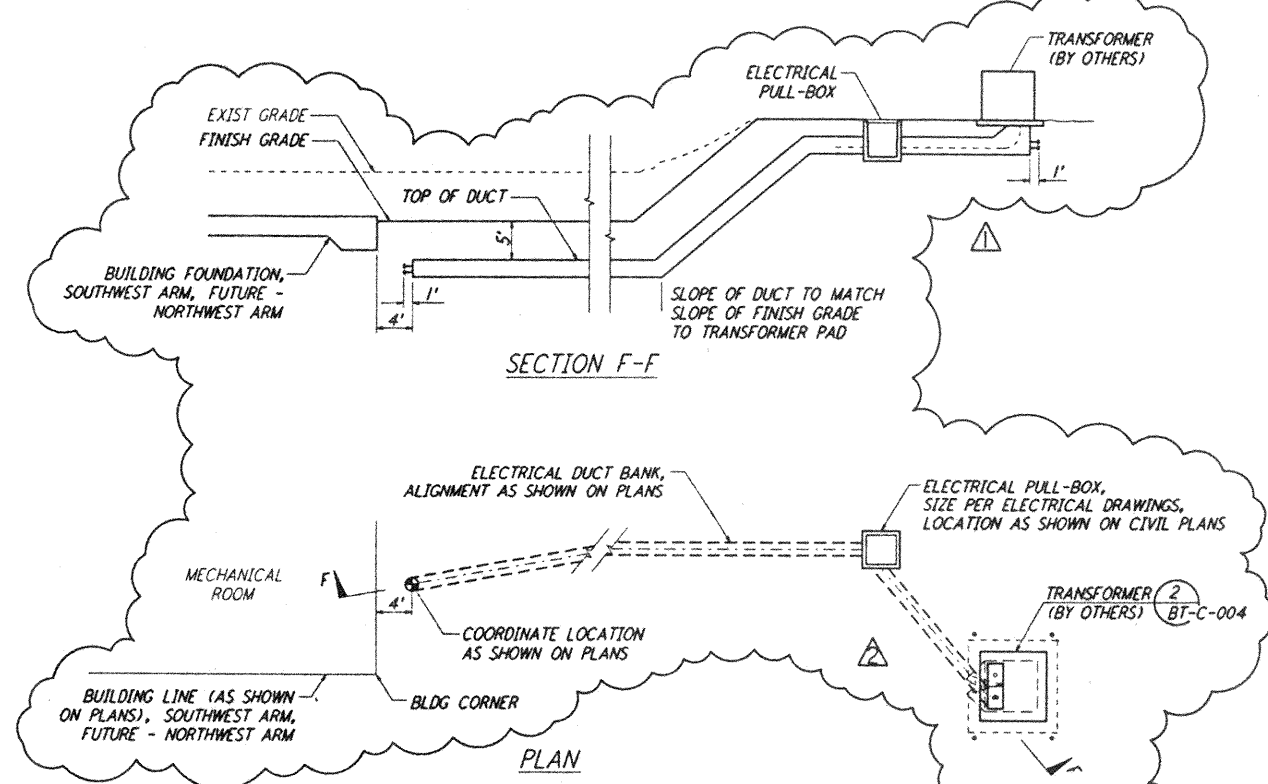


- NOTES:**
- SEE SHEET BT-C-002 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.
  - CORNER STATION DIMENSIONS TO BE DETERMINED.
  - SECONDARY CONDUIT DIRECTION SHALL FACE MID OR END STATION, AS APPROPRIATE.
  - CONDUITS SHALL EXTEND TOWARD BUILDING VIA DUCT BANK, DETAIL 3, THIS SHEET.
  - FOR SOUTHWEST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

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



TYPICAL LOCATION PLAN FOR ELECTRICAL TRANSFORMER PAD  
NOT TO SCALE



TYPICAL PLAN @ MID AND END STATIONS FOR ELECTRICAL DUCT BANK  
NOT TO SCALE

TRENCH BEDDING  
NOT TO SCALE

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	4-19-96	WRB	TDM	MDW		CHANGE ORDER NO. 4
1	2-29-96	WRB	TDM	JEB	MDW	CHANGE ORDER NO. 2

ISSUED FOR CONSTRUCTION	DRAWN	DATE
WRB	WRB	1-19-96
MP	MP	1-19-96
JEB	JEB	1-19-96
MDW	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 SITWORK & FABRICATION - HANFORD, WA

CIVIL  
TYPICAL SECTIONS  
AND DETAILS

SCALE: NONE  
CONTRACT NUMBER: PPI50969  
PROJECT NUMBER: 8094

SHEET NUMBER: BT-C-004  
TOTAL SHEETS: 4