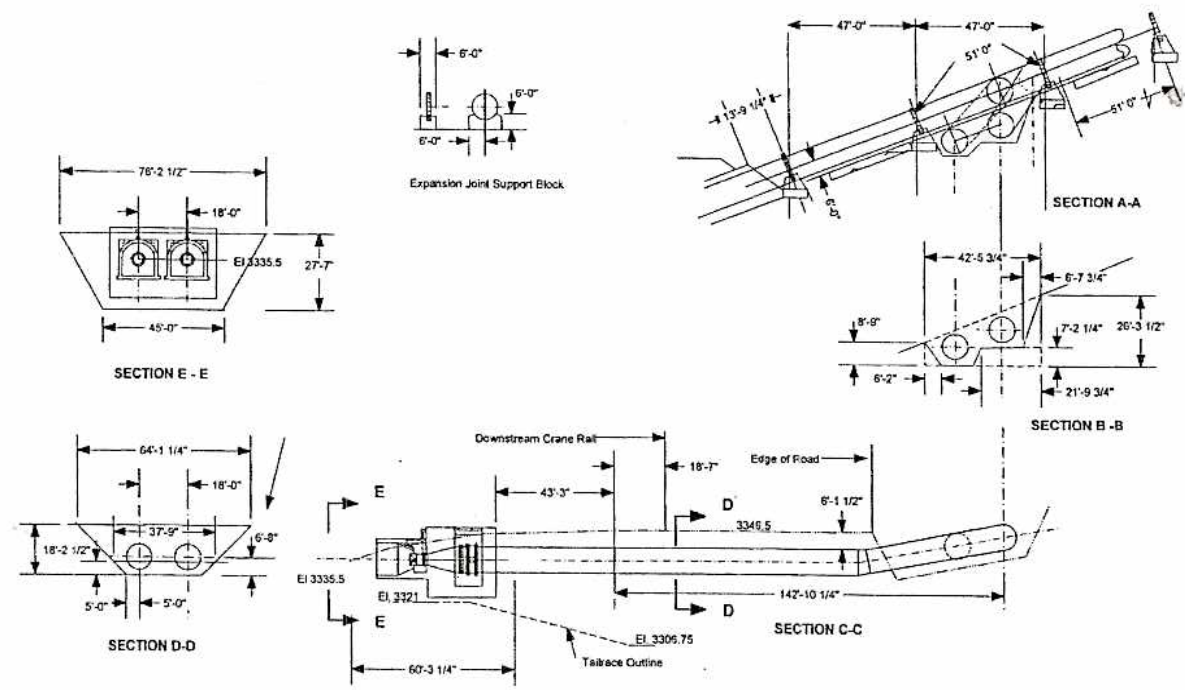
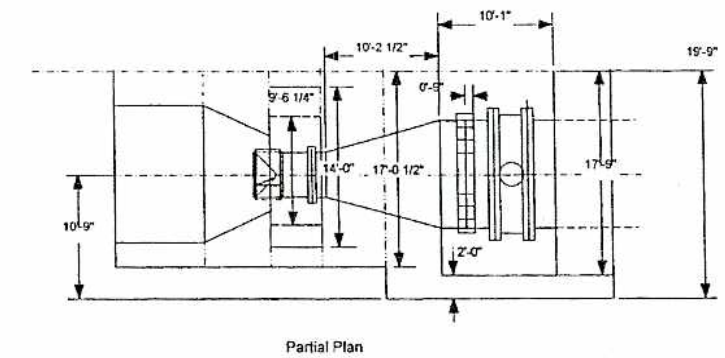


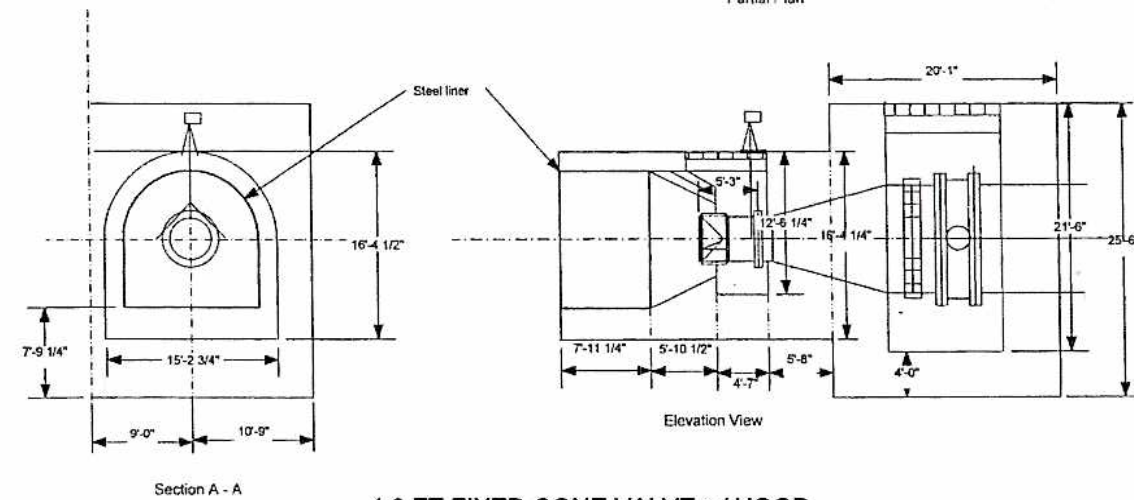
GENERAL ARRANGEMENT - PLAN
SCALE: N.T.S.



GENERAL ARRANGEMENT - SECTION
SCALE: N.T.S.



Partial Plan



4.0 FT FIXED CONE VALVE w/ HOOD
PLAN AND SECTION
SCALE: N.T.S.

PRELIMINARY DESIGN CONCEPTS
AND DRAWINGS DEVELOPED BY
BLACK & VEATCH, MAY 2002.

	JUNE, 2003 APPLICATION FOR KLAMATH HYDROELECTRIC PROJECT LICENSE PROJECT NO. 2082	PORTLAND, OREGON
	KLAMATH HYDROELECTRIC PROJECT J.C. BOYLE - SYNCHRONOUS BYPASS VALVE	
SCALE AS SHOWN 		

Figure 4.7-1