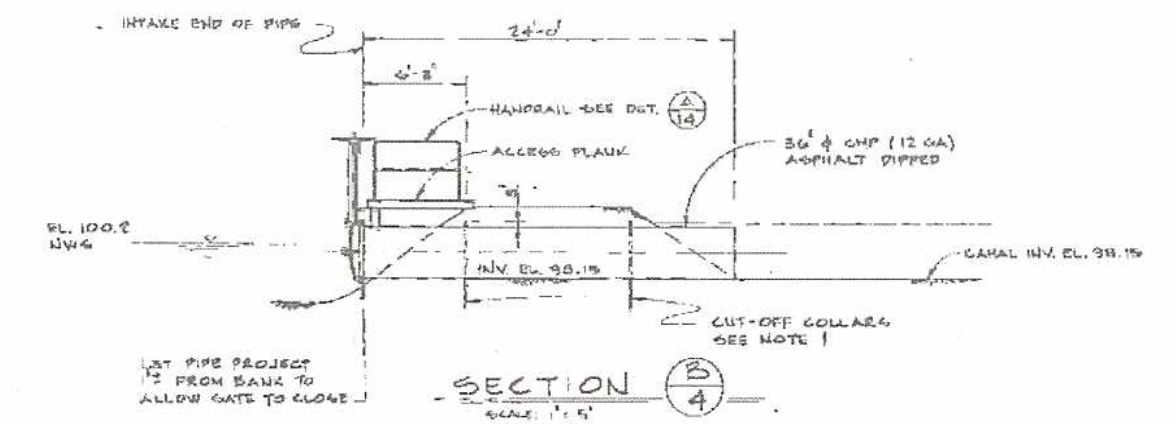
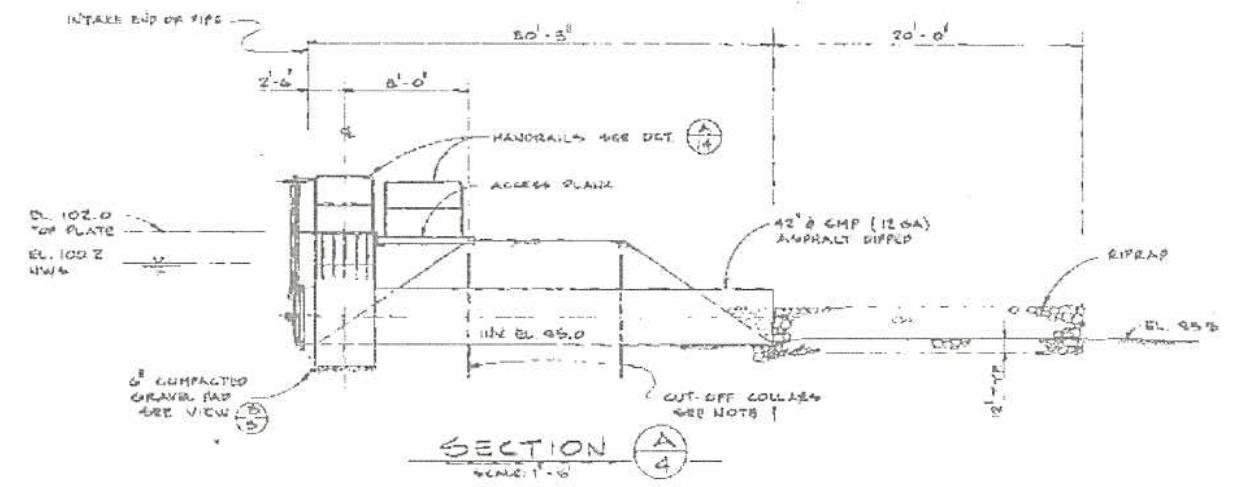


SPRING CREEK - CANAL SCREEN AND FISH LADDER
1" = 5'



NOTES:

1. THE TWO CUTOFF COLLARS SHALL BE LOCATED UNDER THE SHOULDER AS SHOWN. THE COLLARS SHALL BE PREFABRICATED AND ASPHALT DIPPED. THE JOINT BETWEEN THE COLLAR AND THE CONDUIT SHALL BE WATER TIGHT. THE COLLARS SHALL EXTEND FROM THE OUTSIDE OF THE CONDUIT 24" IN ALL DIRECTIONS EXCEPT FOR THE INTAKE CONDUIT WHERE THE COLLAR EXTENDS ONLY TO 3" ABOVE THE TOP OF THE PIPE.
2. THE GRATING ON THE SPRING CREEK SPILLWAY STRUCTURE, THE TRASHRACKS ON THE FALL CREEK PENSTOCK INTAKE STRUCTURE, AND ALL GRIPSTRUT ACCESS PLANKS AND PLATFORMS SHALL BE BOLTED DOWN. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, A PLAN FOR BOLLING EACH OF THESE ITEMS DOWN. APPROVAL MUST BE RECEIVED FROM THE ENGINEER PRIOR TO INSTALLATION.

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 PACIFICORP JUNE, 2003 PORTLAND, OREGON
 APPLICATION FOR KLAMATH HYDROELECTRIC PROJECT LICENSE
 PROJECT NO. 2082
KLAMATH HYDROELECTRIC PROJECT
 SPRING CREEK - CANAL SCREEN AND FISH LADDER
 SCALE AS SHOWN
 SCALE INCHES

Figure 4.7-3