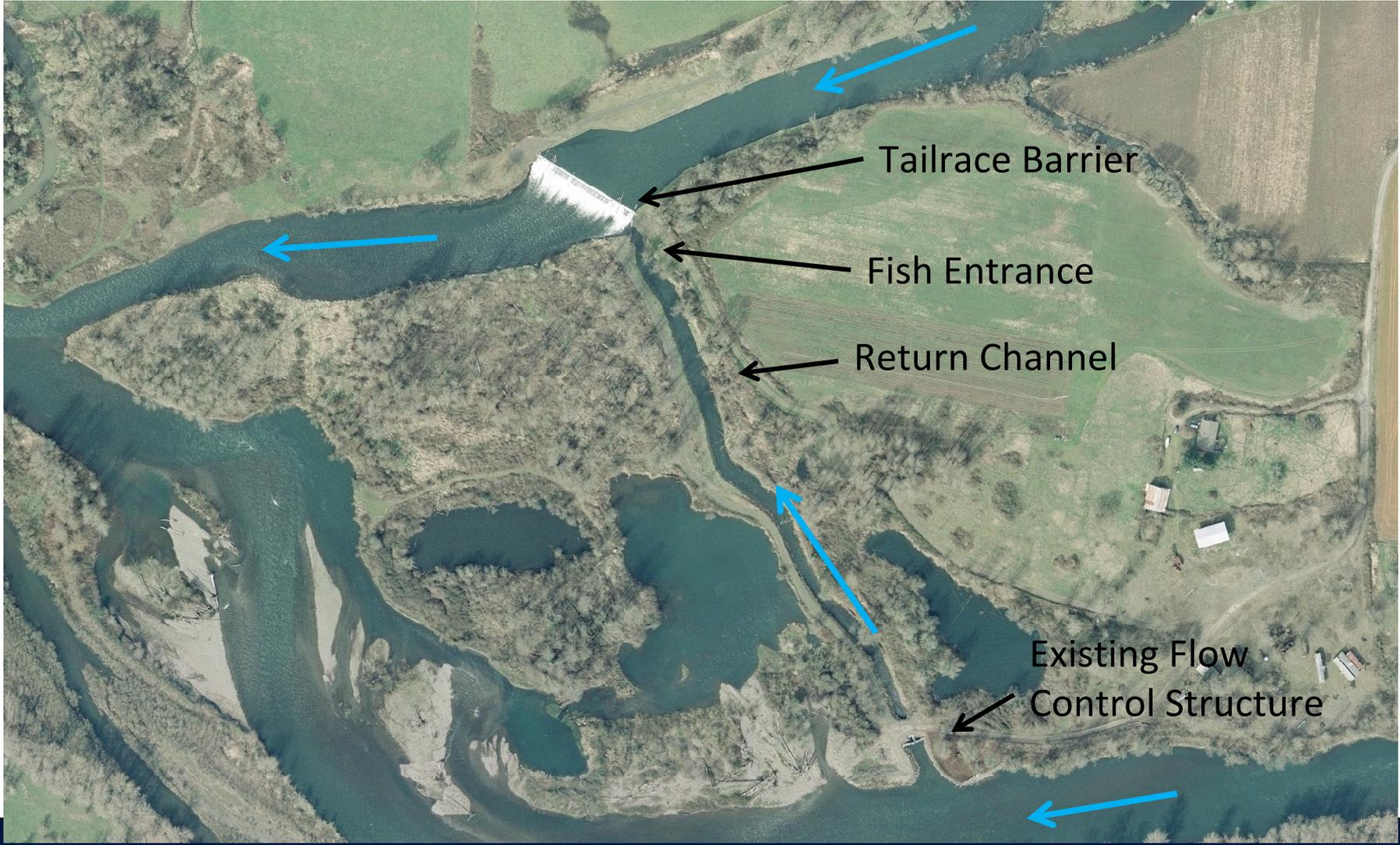




WV Fish Return Channel Project Area



Existing Structure



Existing Structure



Existing Channel

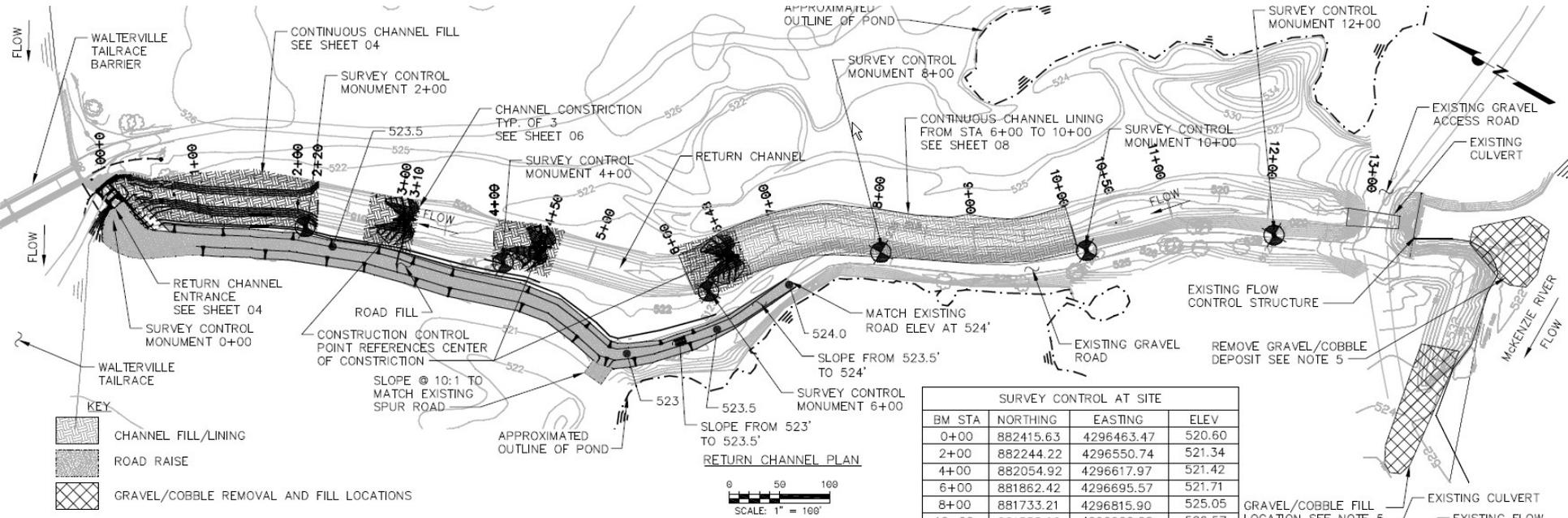


Walterville Fish Return Channel

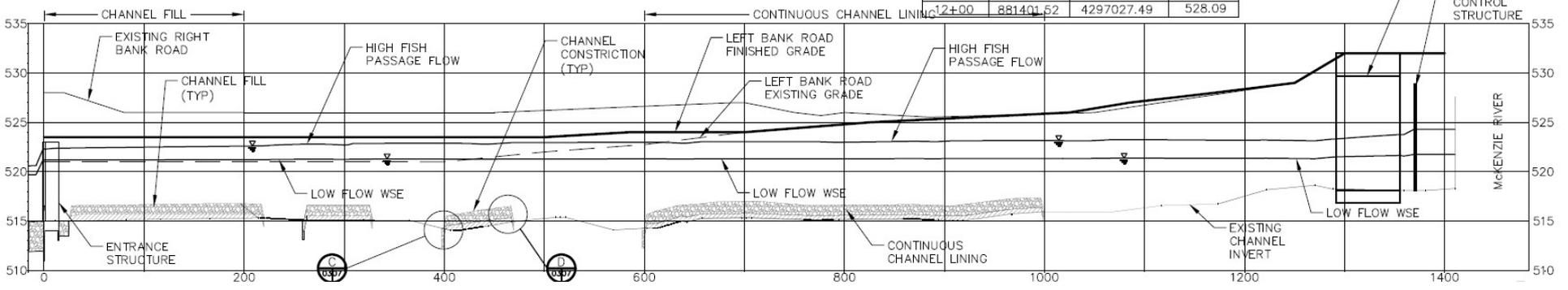
Approach - Meet NMFS criteria for a fishway:

- Attraction Flows – 5% to 10%
- Transport Channel Velocities – Between 1.5 ft/s and 4 ft/s
- Fishway Entrance Location – Avoid areas of high velocity and turbulence
- Head Drop at Entrance – 1.5 ft
- Entrance Shape and Dimensions – Shaped as close to a square as possible, with a minimum width of 4 ft and minimum depth of 6ft

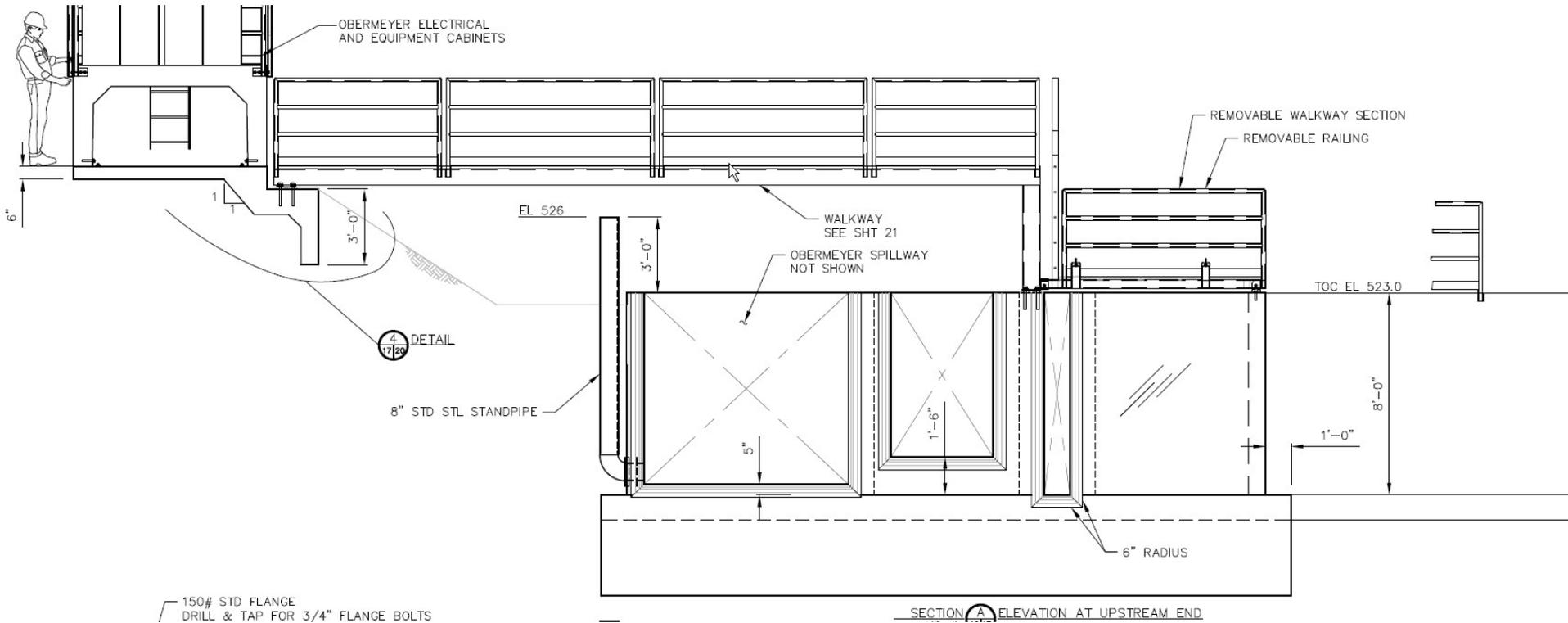
Site Plan



SURVEY CONTROL AT SITE			
BM STA	NORTHING	EASTING	ELEV
0+00	882415.63	4296463.47	520.60
2+00	882244.22	4296550.74	521.34
4+00	882054.92	4296617.97	521.42
6+00	881862.42	4296695.57	521.71
8+00	881733.21	4296815.90	525.05
10+00	881555.92	4296920.28	526.57
12+00	881401.62	4297027.49	528.09



Fish Entrance Structure



Coffer Dam Install



Fish Salvage



Channel Work



Channel Work



New Structure

