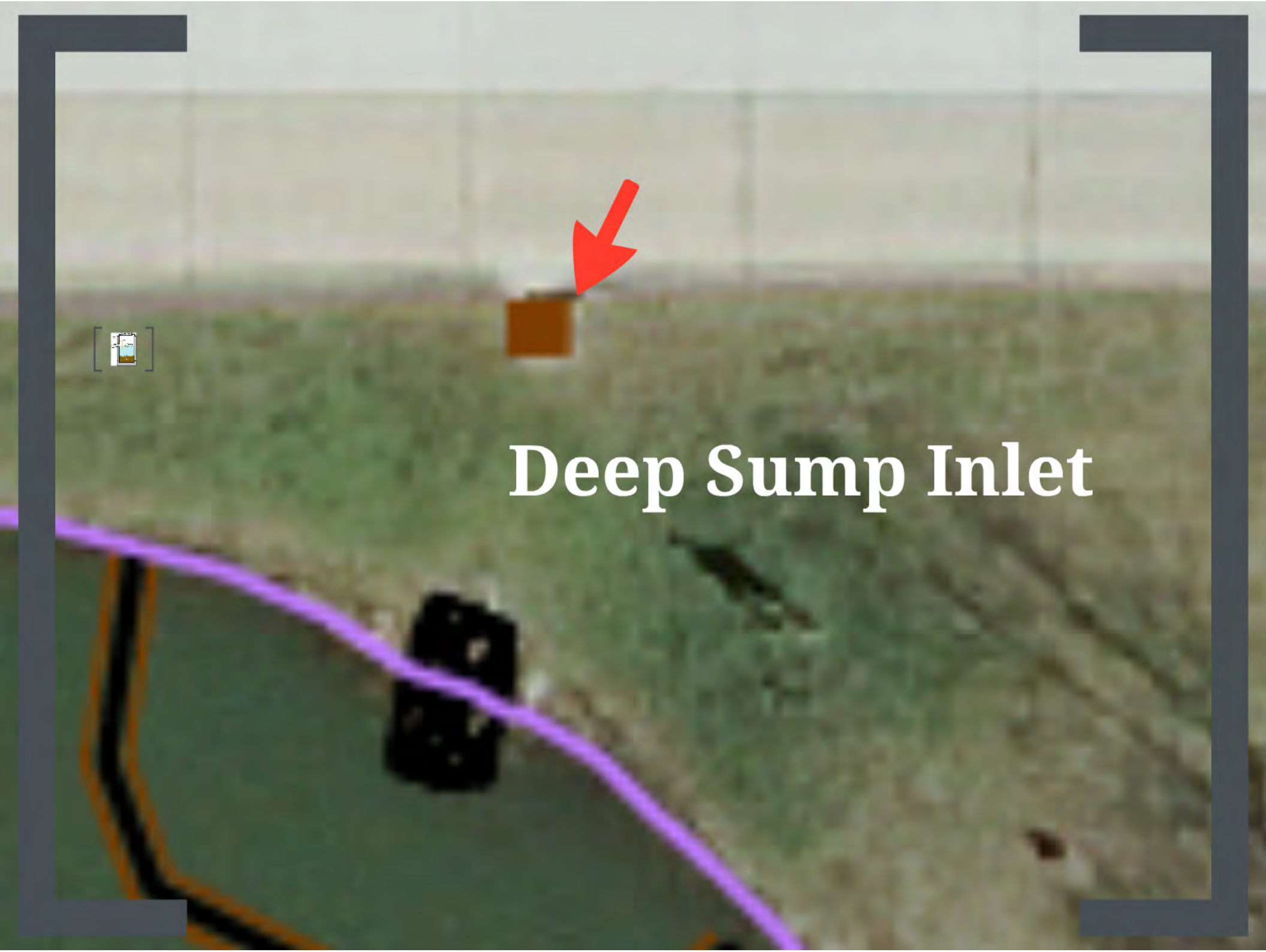
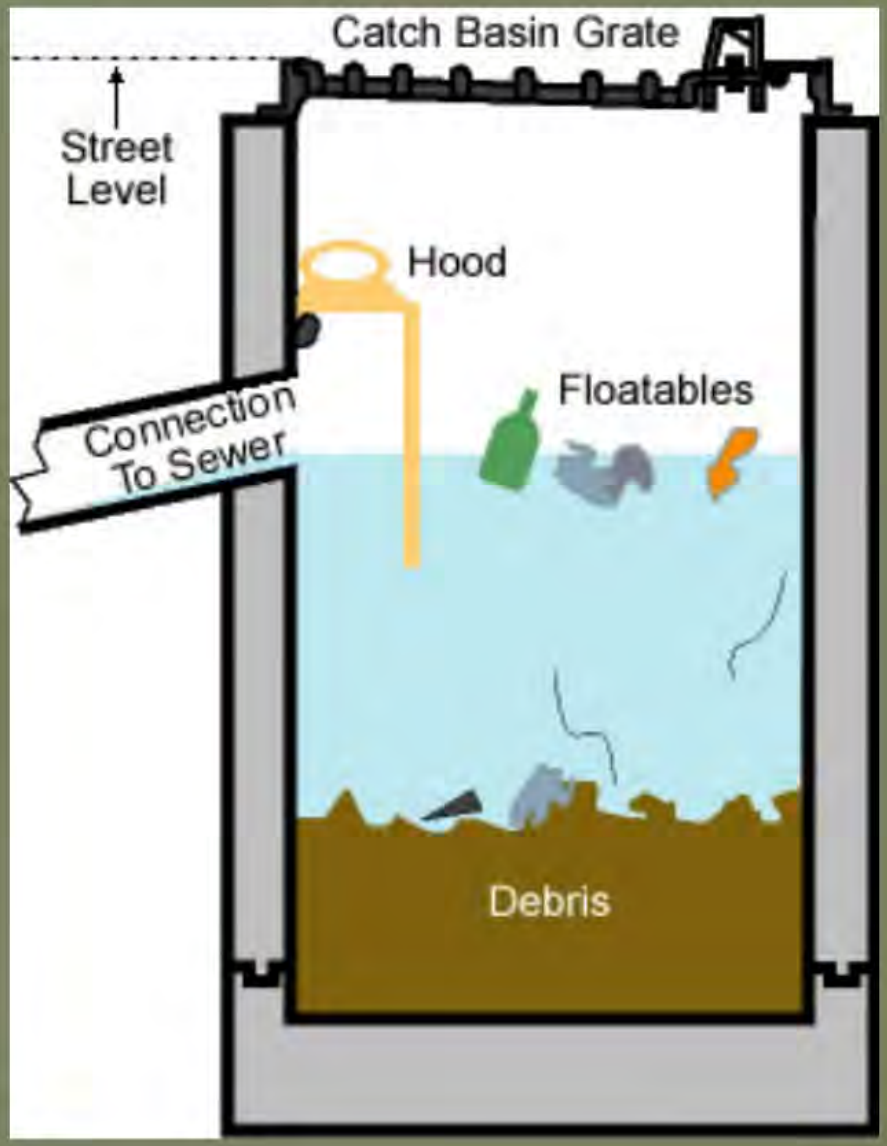
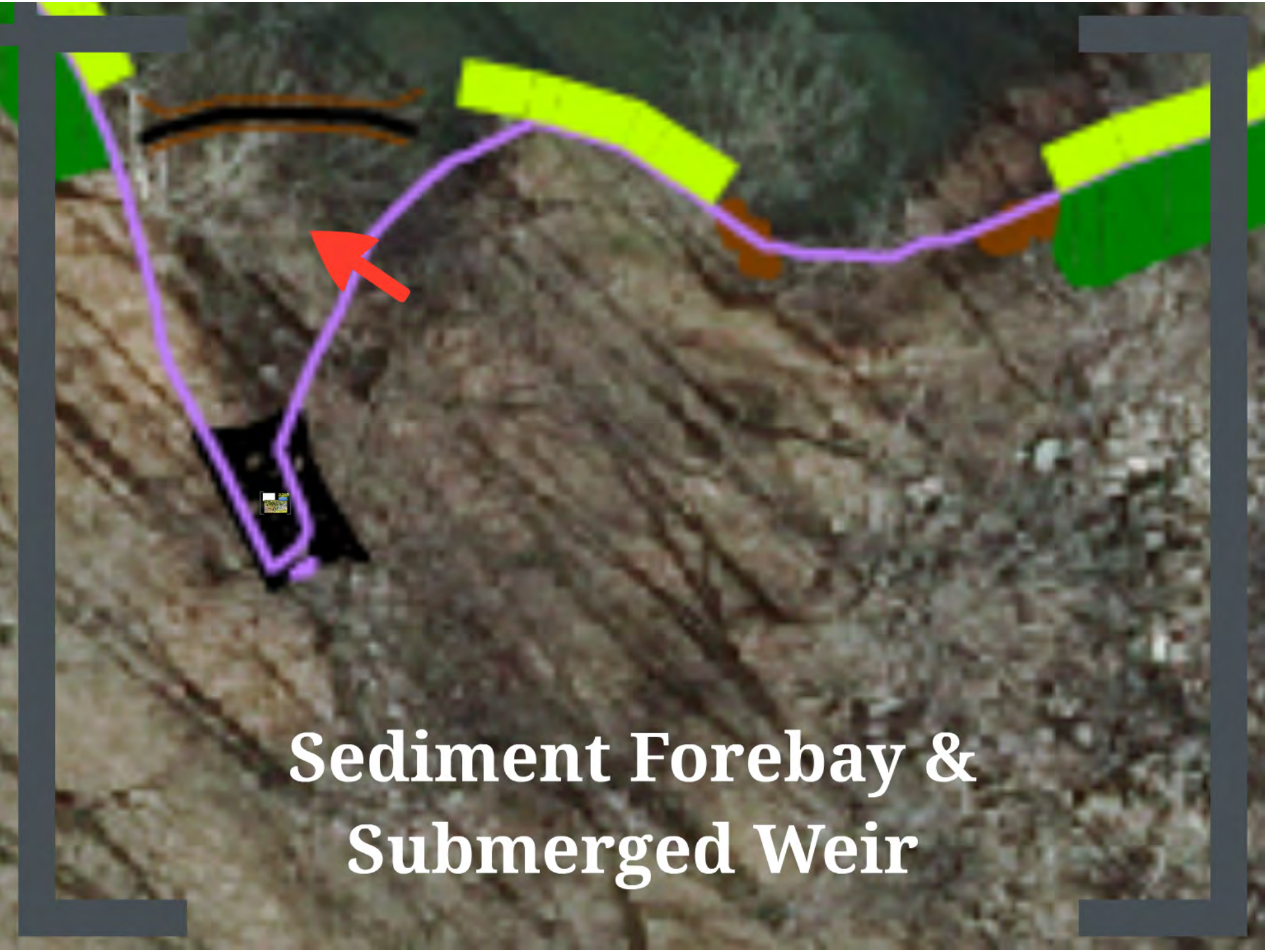
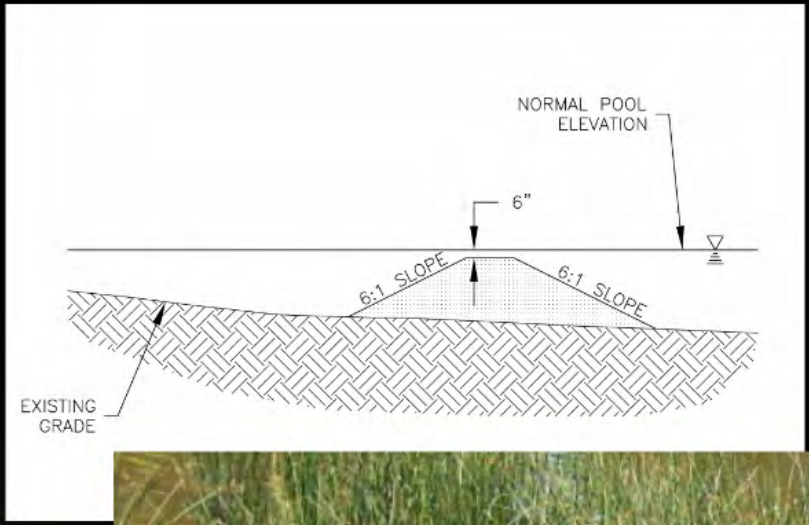
Applewood Basin Improvements


Deep Sump Inlet


Catch Basin Grate
Street Level
Hood
Floatables
Connection To Sewer
Debris

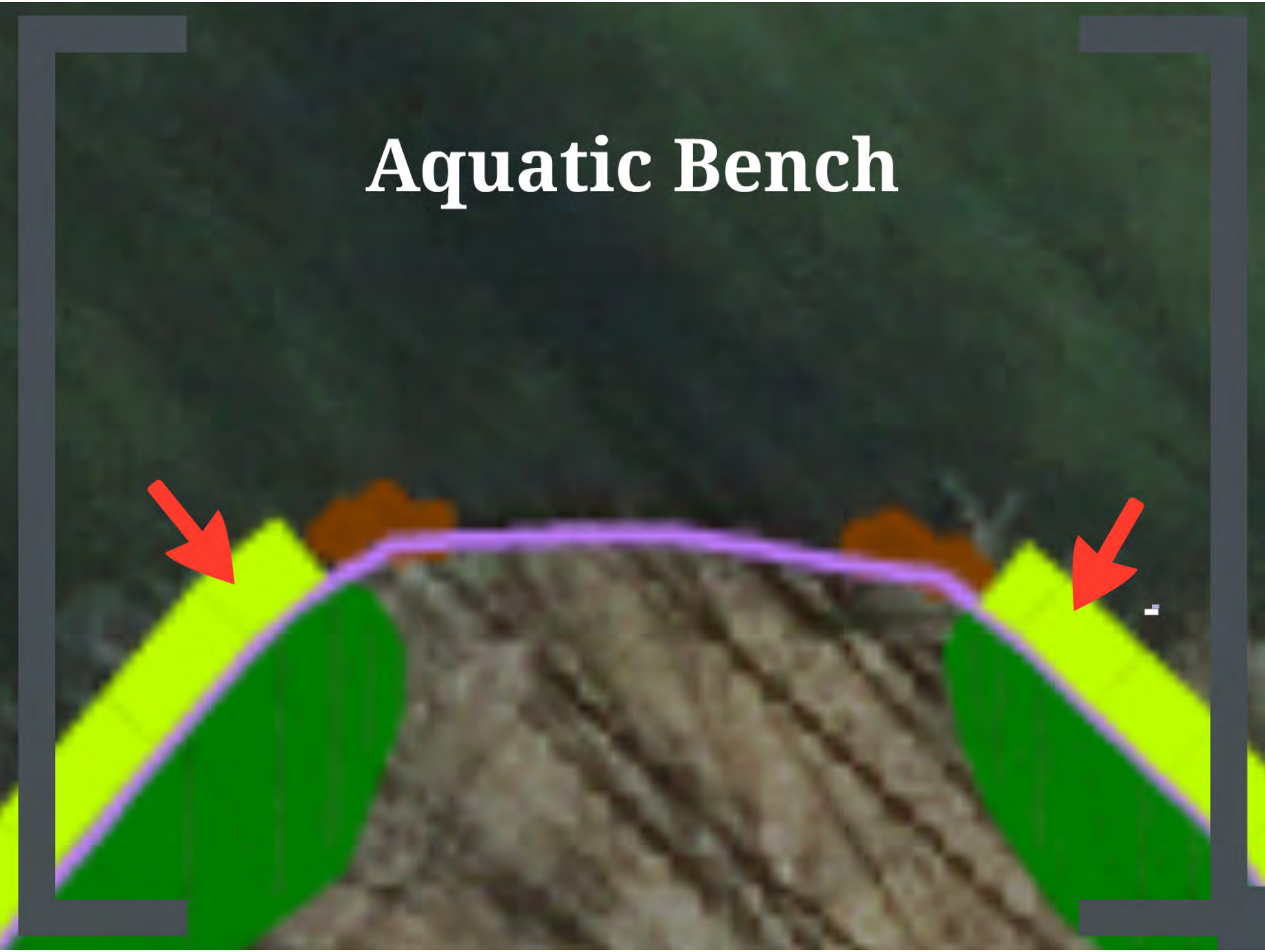
Applewood Basin Improvements

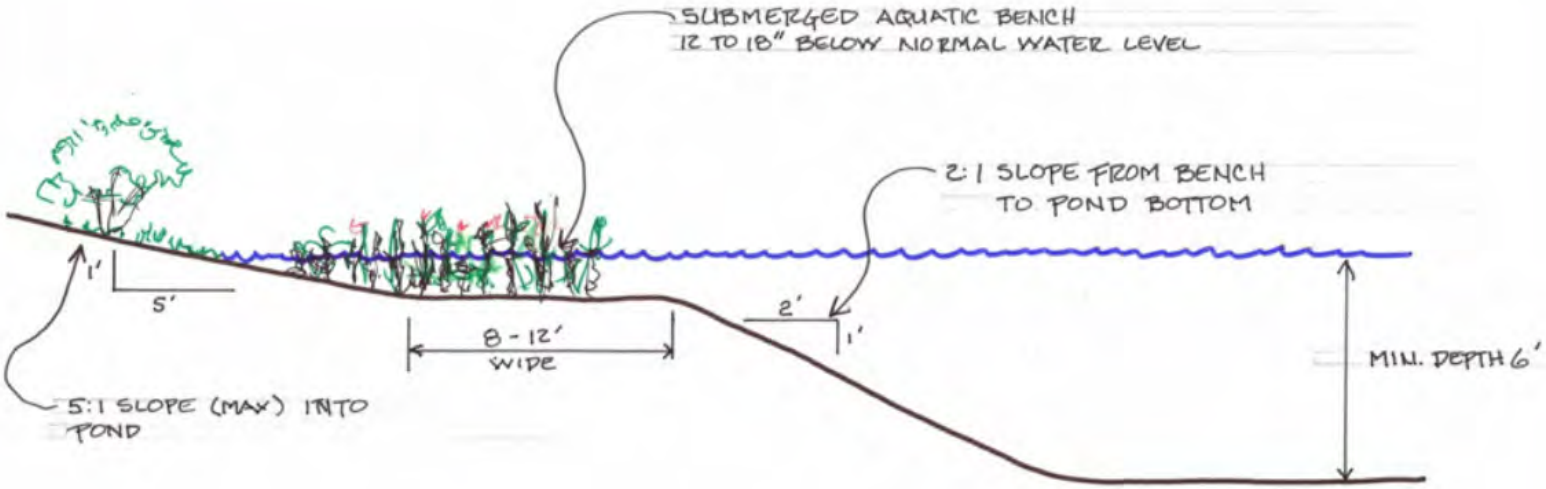

Sediment Forebay &
Submerged Weir


NORMAL POOL
ELEVATION
6"
6:1 SLOPE
6:1 SLOPE
EXISTING
GRADE

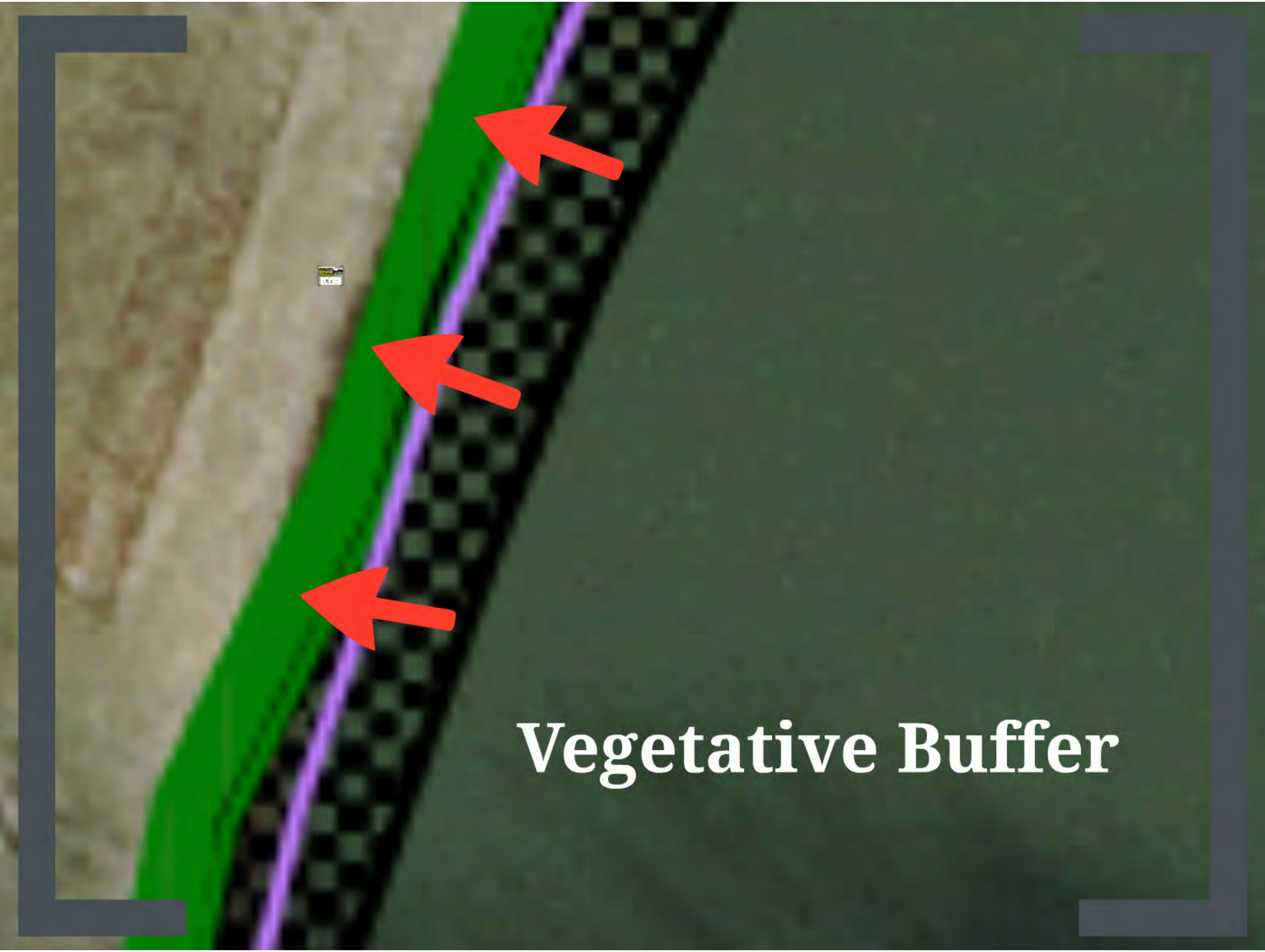
Applewood Basin Improvements

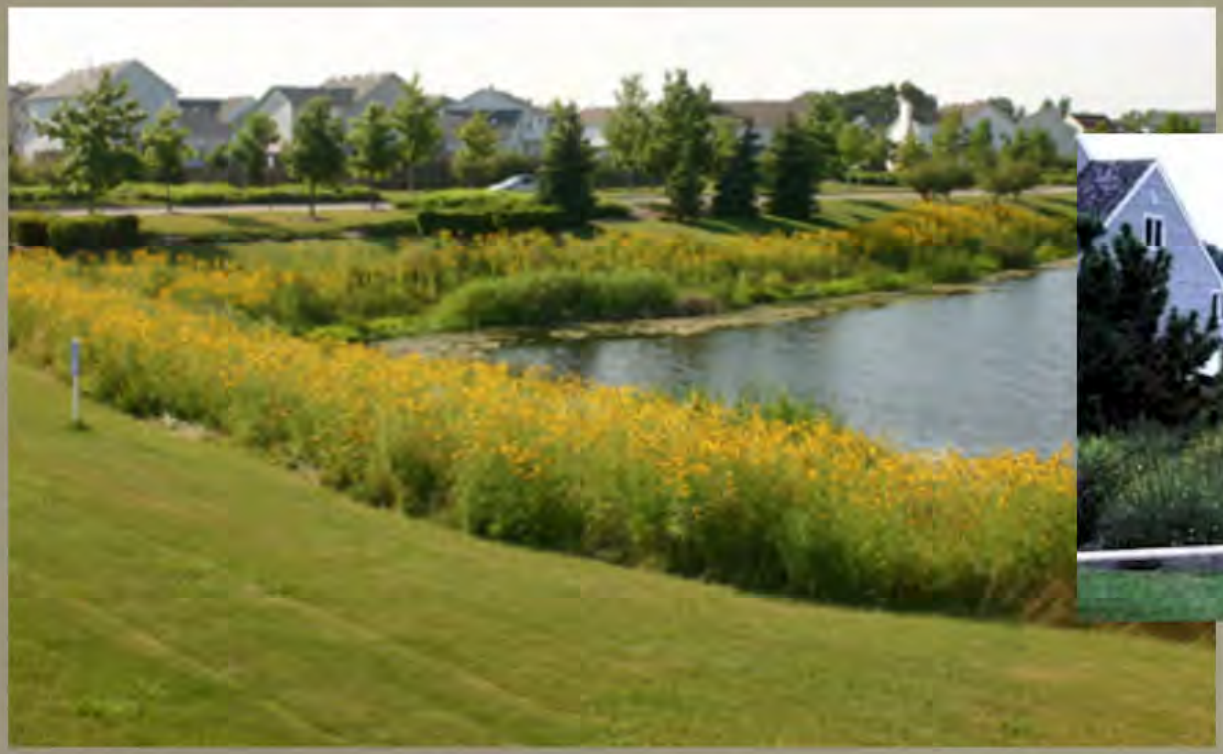
Aquatic Bench

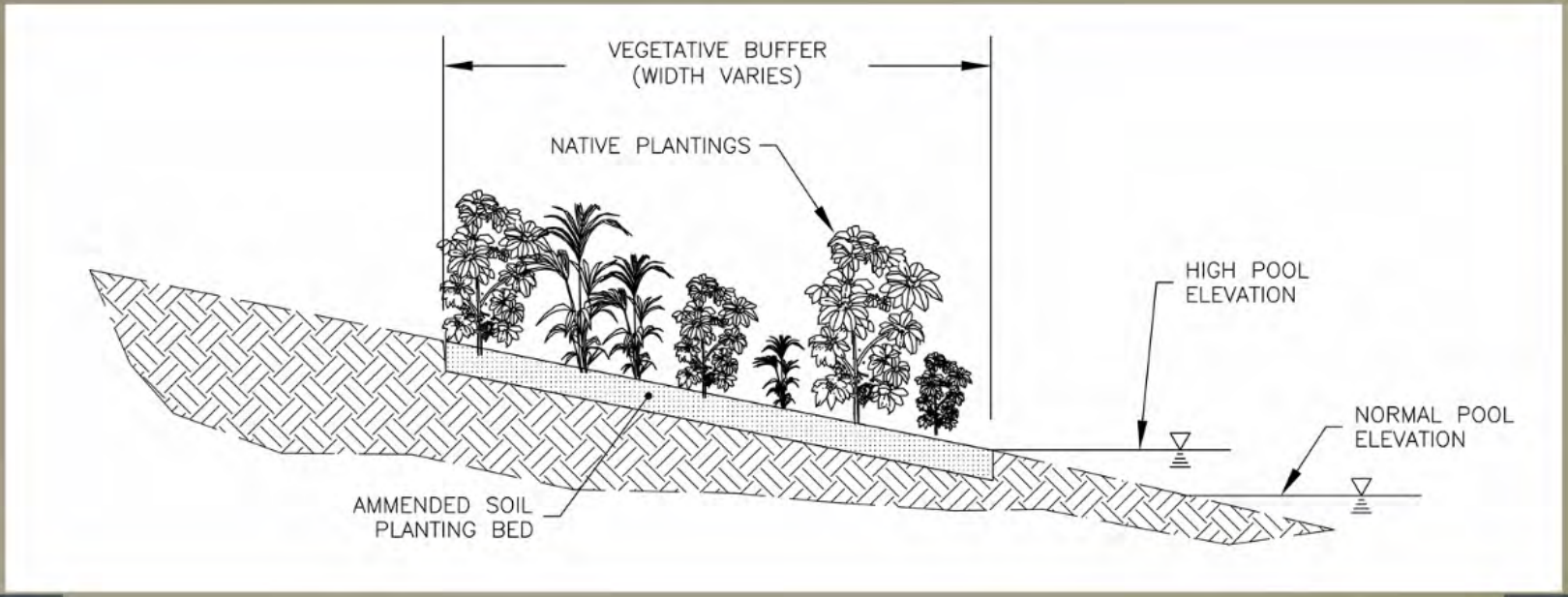



SUBMERGED AQUATIC BENCH
12 TO 18" BELOW NORMAL WATER LEVEL
2:1 SLOPE FROM BENCH
TO POND BOTTOM
1'
5'
8 - 12'
WIDE
2'
1'
MIN. DEPTH 6'
5:1 SLOPE (MAX) INTO
POND

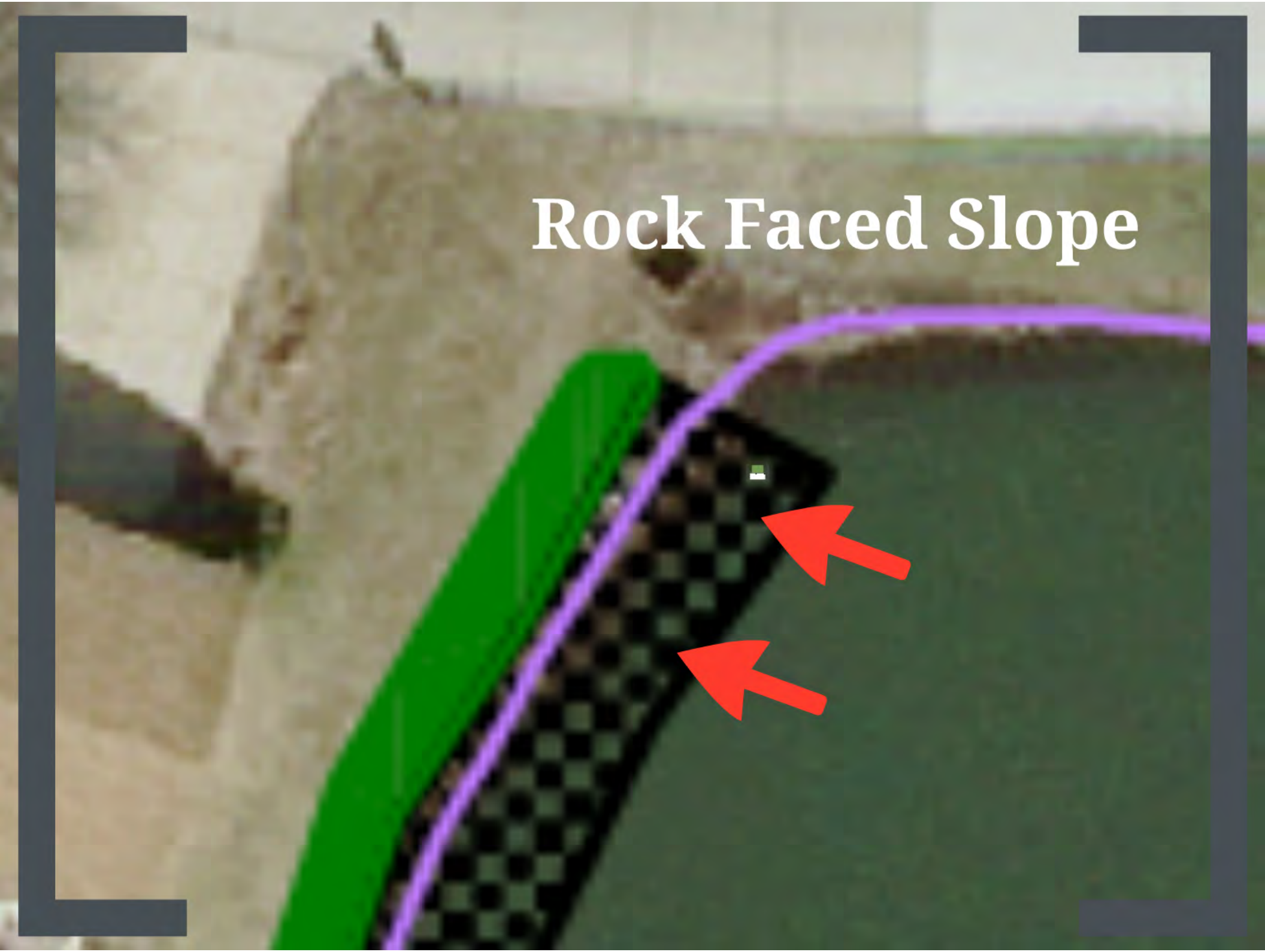
Applewood Basin Improvements

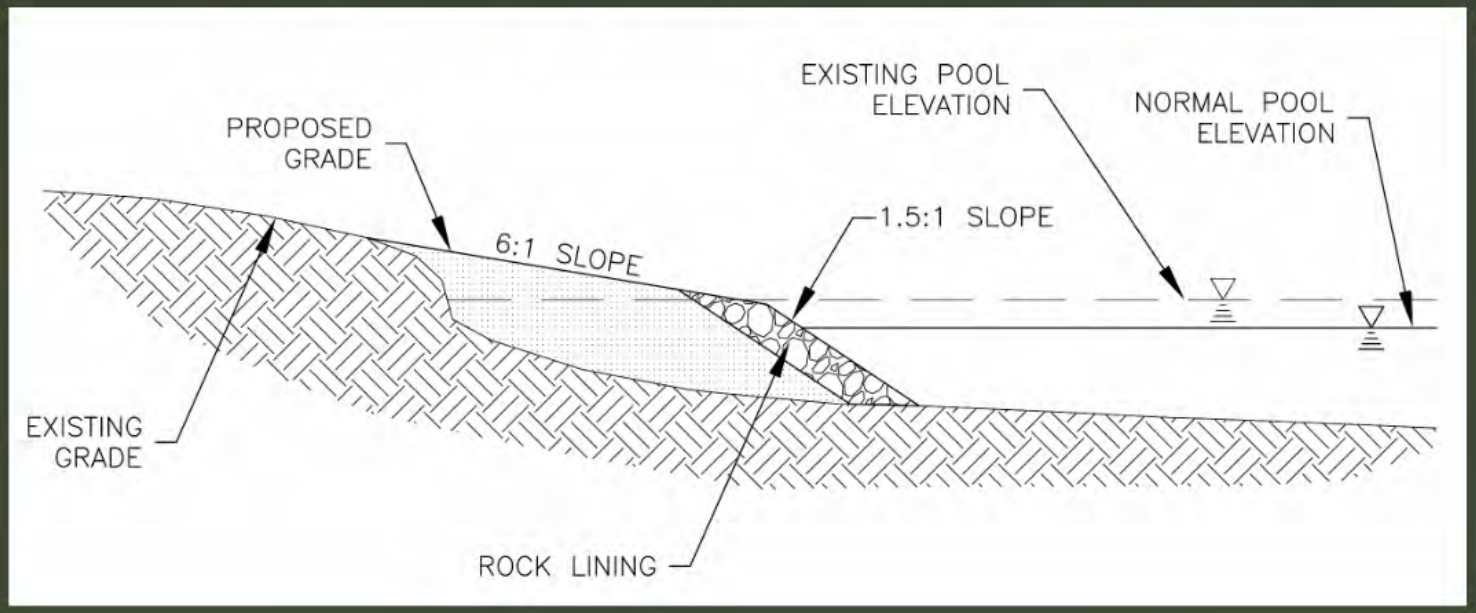

Vegetative Buffer




VEGETATIVE BUFFER
(WIDTH VARIES)
NATIVE PLANTINGS
HIGH POOL
ELEVATION
NORMAL POOL
ELEVATION
AMMENDED SOIL
PLANTING BED

Applewood Basin Improvements


Rock Faced Slope


EXISTING POOL ELEVATION
NORMAL POOL ELEVATION
PROPOSED GRADE
1.5:1 SLOPE
6:1 SLOPE
EXISTING GRADE
ROCK LINING