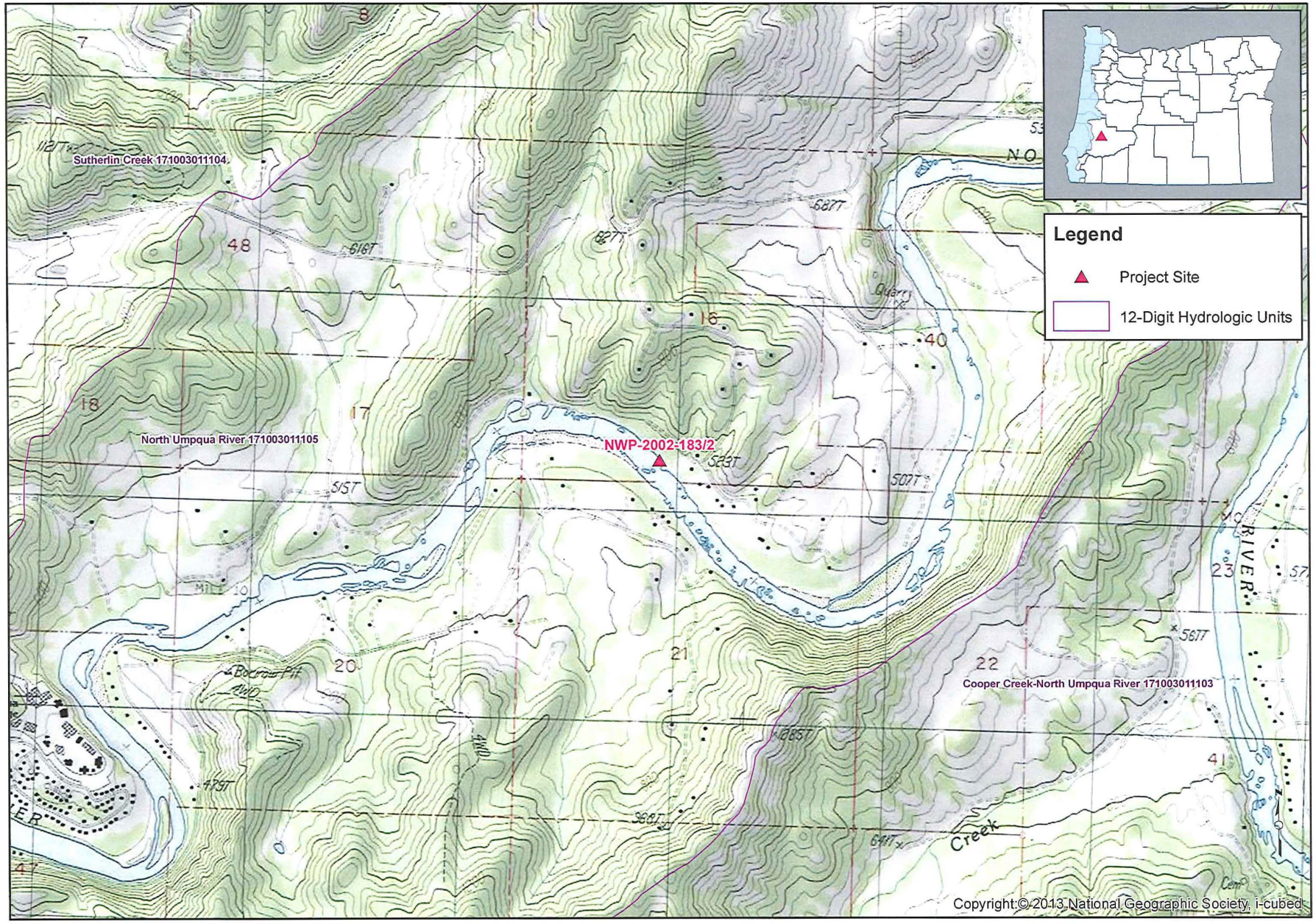
USGS Topography Map: NWP-2002-183/2, DICKERSON, HOWARD & SHARON (N. Umpqua River-RM 12.5



0 0.25 0.5 1 Miles

Scale: 1:24,000

Latitude: 43.302379 Longitude: -123.29808
City: Roseburg County: Douglas
PLSS: Section 16, Township 26.0S, Range 5.0W
HUC12: North Umpqua River (171003011105)

Date: 2/27/2015
US Army Corps of Engineers, Portland District
Projection: Oregon State Plane South (NAD 83)

NWP-2002-183/1 DICKERSON, HOWARD & SHARON
NORTH UMPQUA RIVER – MILE 12.5
BANK STABILIZATION – ROSEBURG, DOUGLAS COUNTY
SECTION 16 OF TOWNSHIP 26 SOUTH, RANGE 5 WEST
(43.302379/-123.29808)

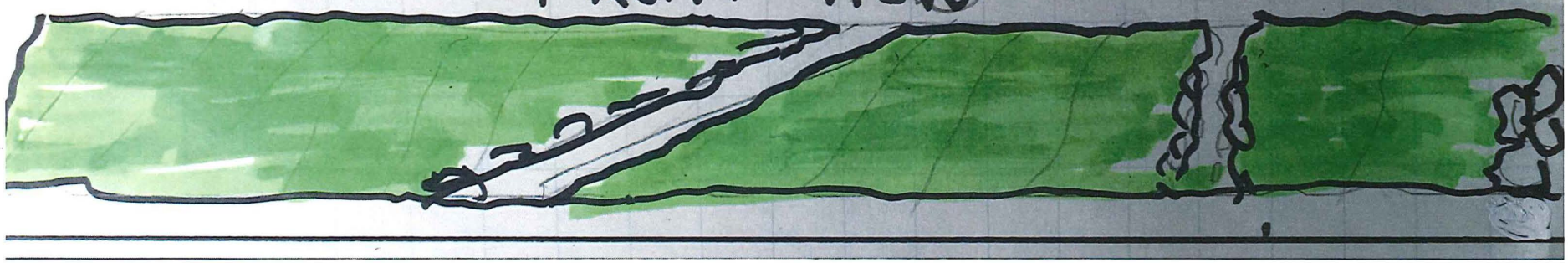
1-'15

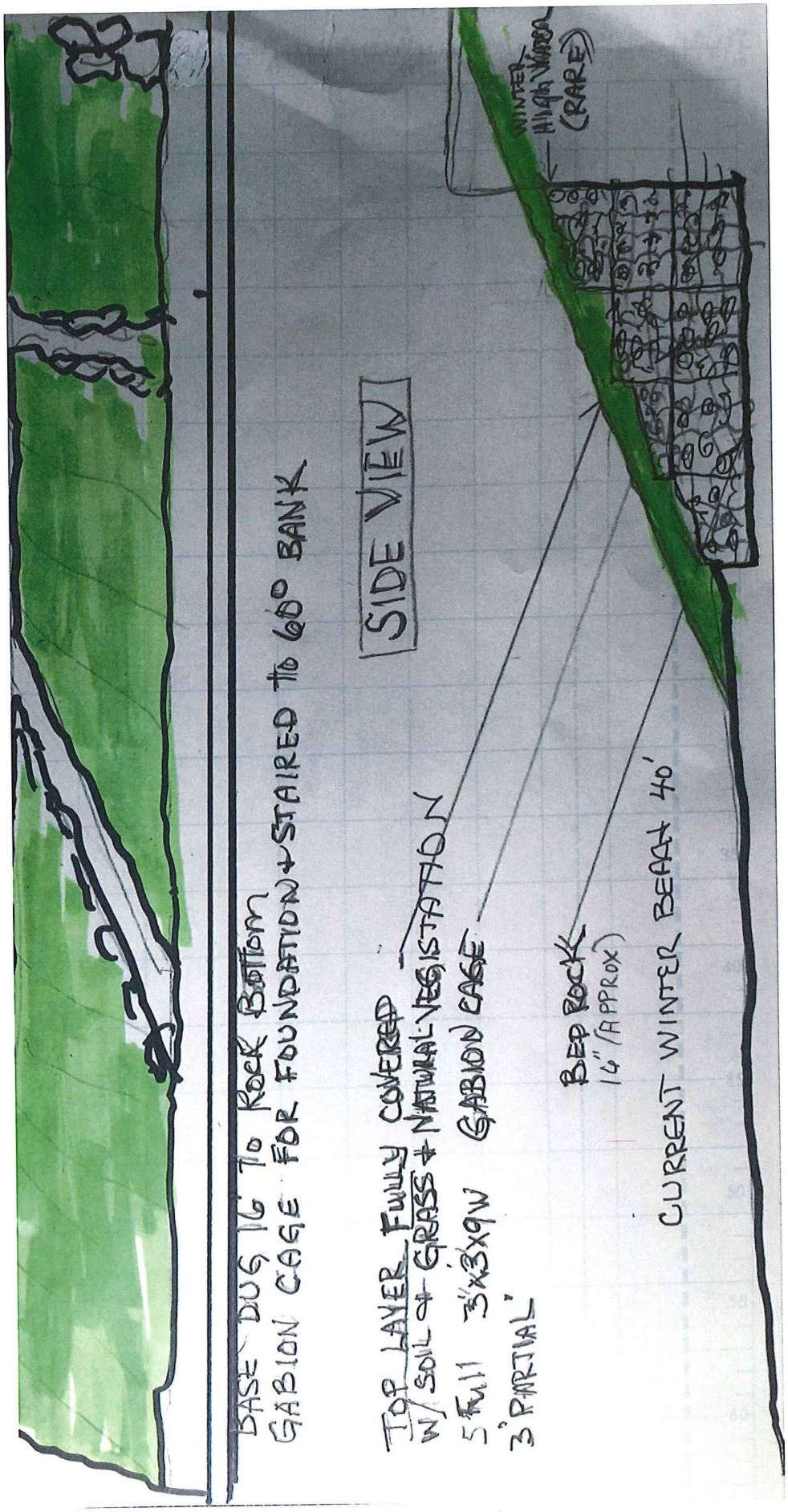
STOP THE EROSION AND DO NO HARM

HOWARD DICKERSON 2000 IMPALA DR. ROSEBURG 97470 1541 236 7020

MINIMUM 3" ROCK @ BEGINNING OF SLOPE, CULVERT DRAIN AS NEEDED *
ACCESS TO BEACH

FRONT VIEW




BASE DUG 16' TO ROCK BOTTOM
GABION CAGE FOR FOUNDATION + STAIRED TO 60° BANK
SIDE VIEW
TOP LAYER FULLY COVERED
W/ SOIL + GRASS + NATURAL VEGETATION
5' FULL 3'x3'x9'W GABION CAGE
3' PARTIAL
BED ROCK
14" (APPROX)
CURRENT WINTER BEACH 40'
WINTER HIGH WATER (RARE)