



landscape architecture
planning
urban design
civil engineering
environmental science

Saugatuck, L.L.C.

Saugatuck, MI

Planning Commission Meeting
May 24, 2007

Review

Site Systems Approach and Process

At our last meeting...



Dunes and Slopes - South

Preliminary Flora and Fauna - South

Viewshed Analysis - South

Floodplains - South

Existing Utilities

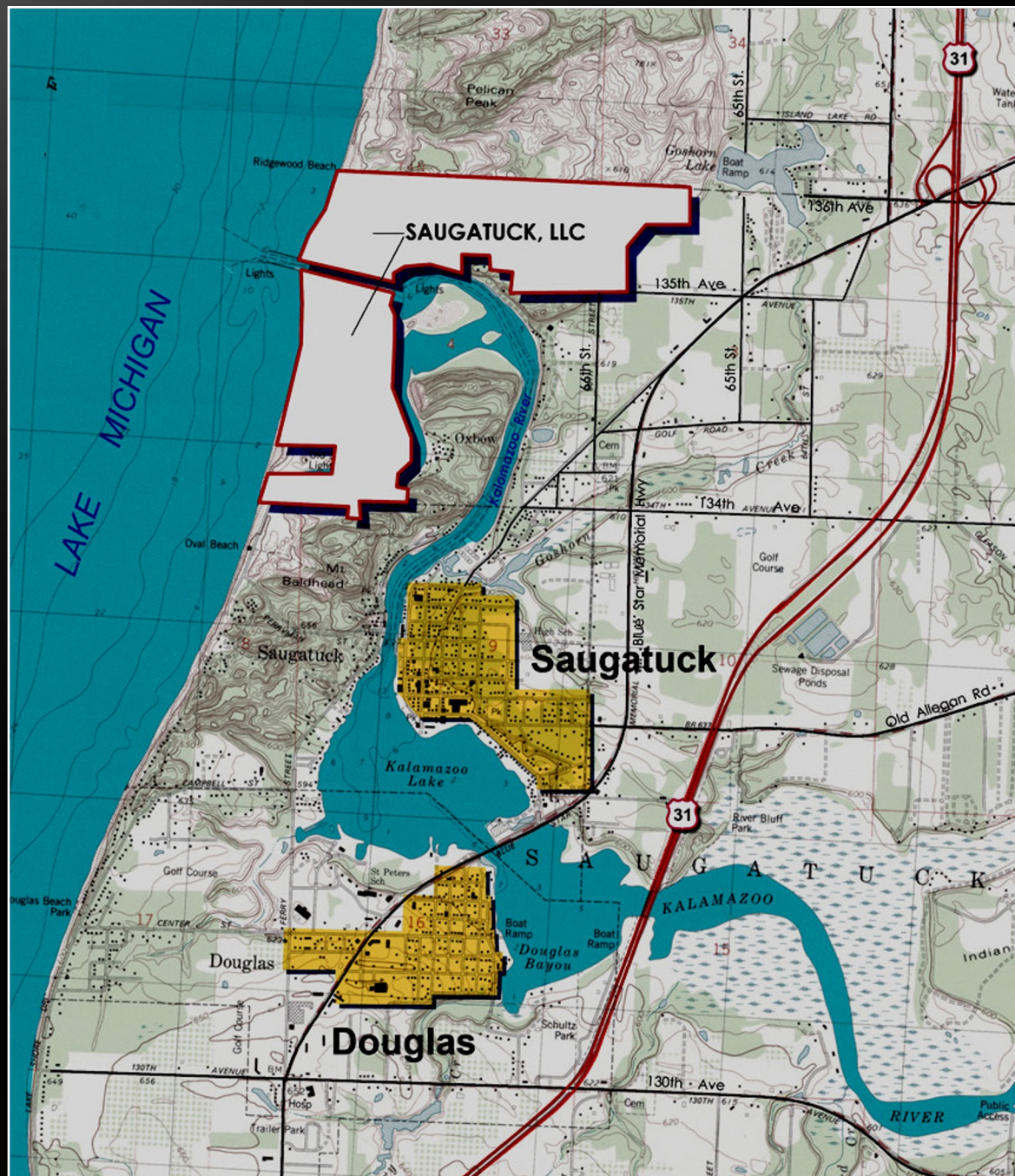
Project Research Continued

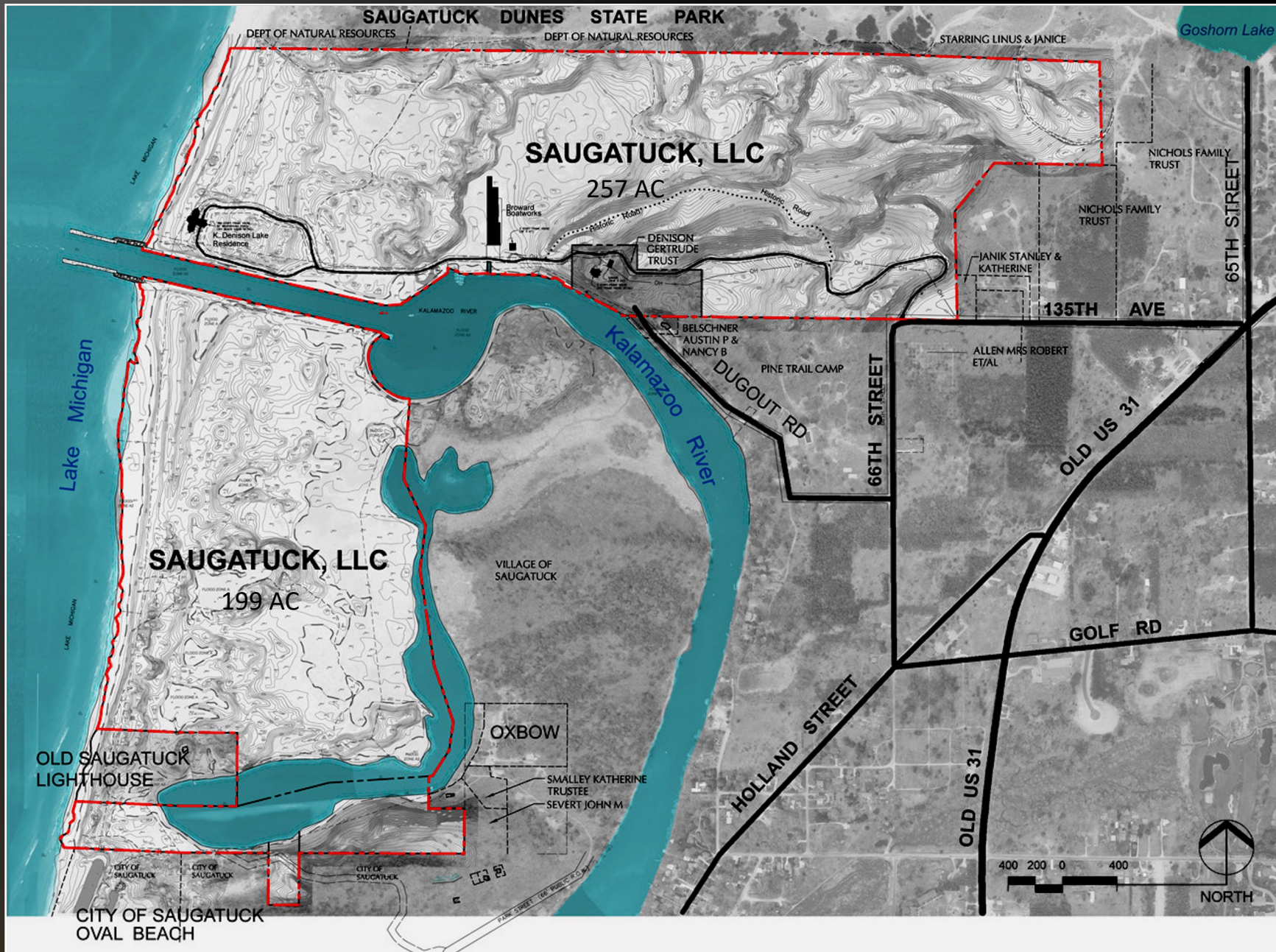
Revised Dunes and Slopes - South

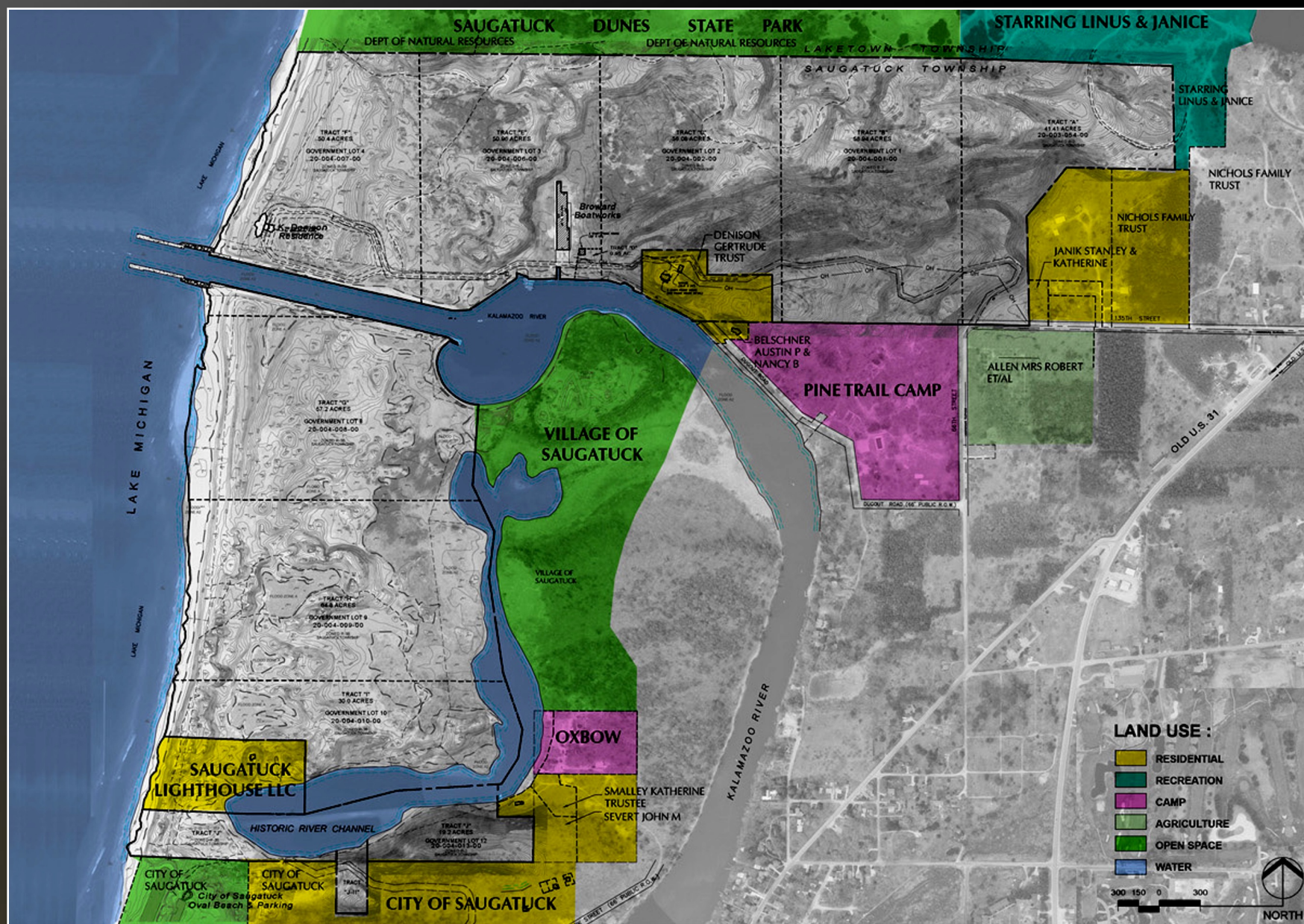
Revised Flora and Fauna - South

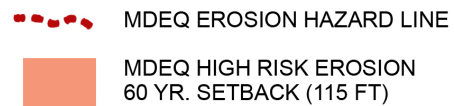
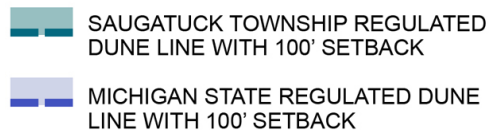
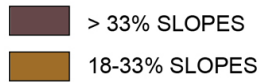
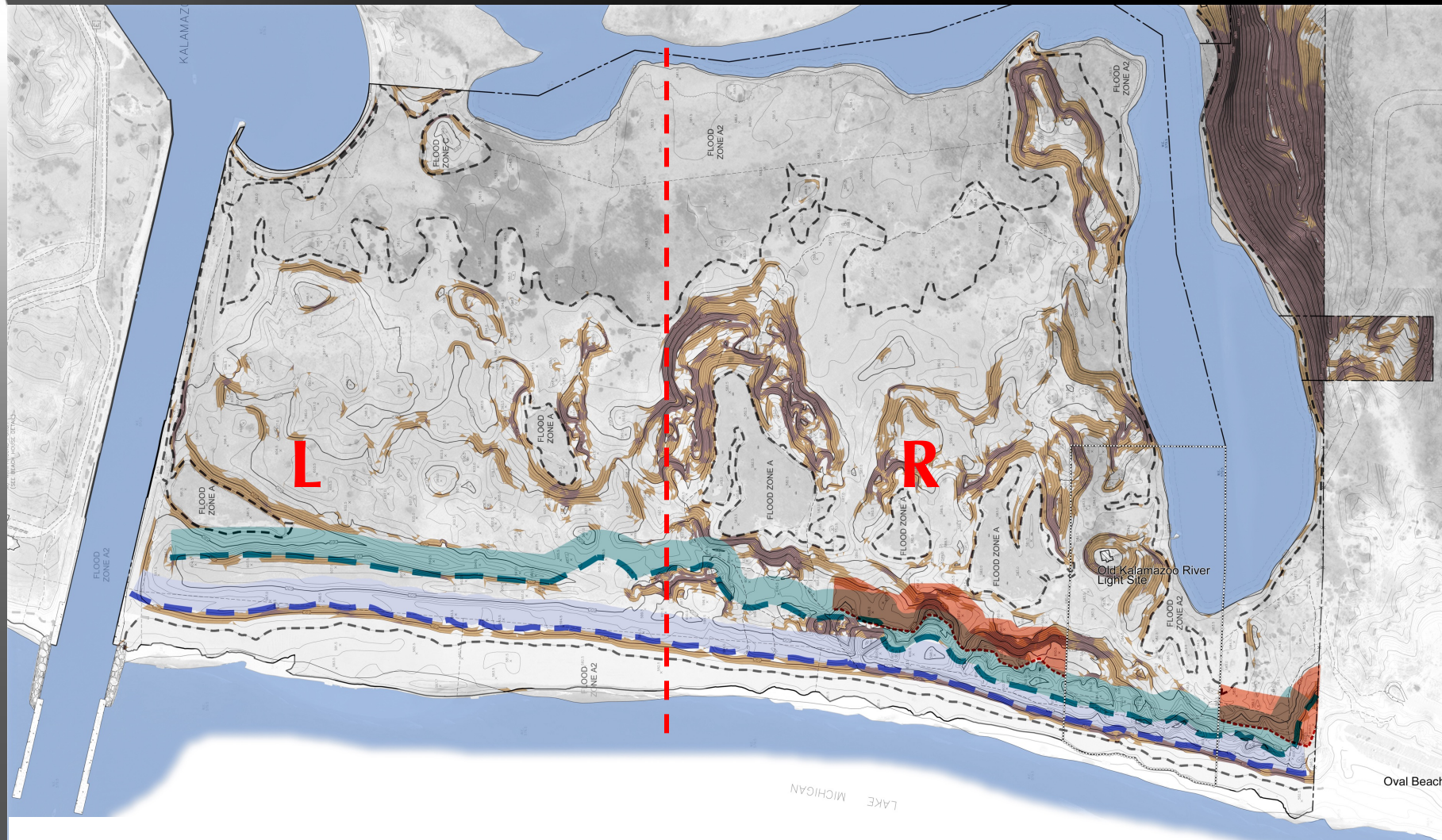
Site's Special Plants and Animals

Buildable Zones

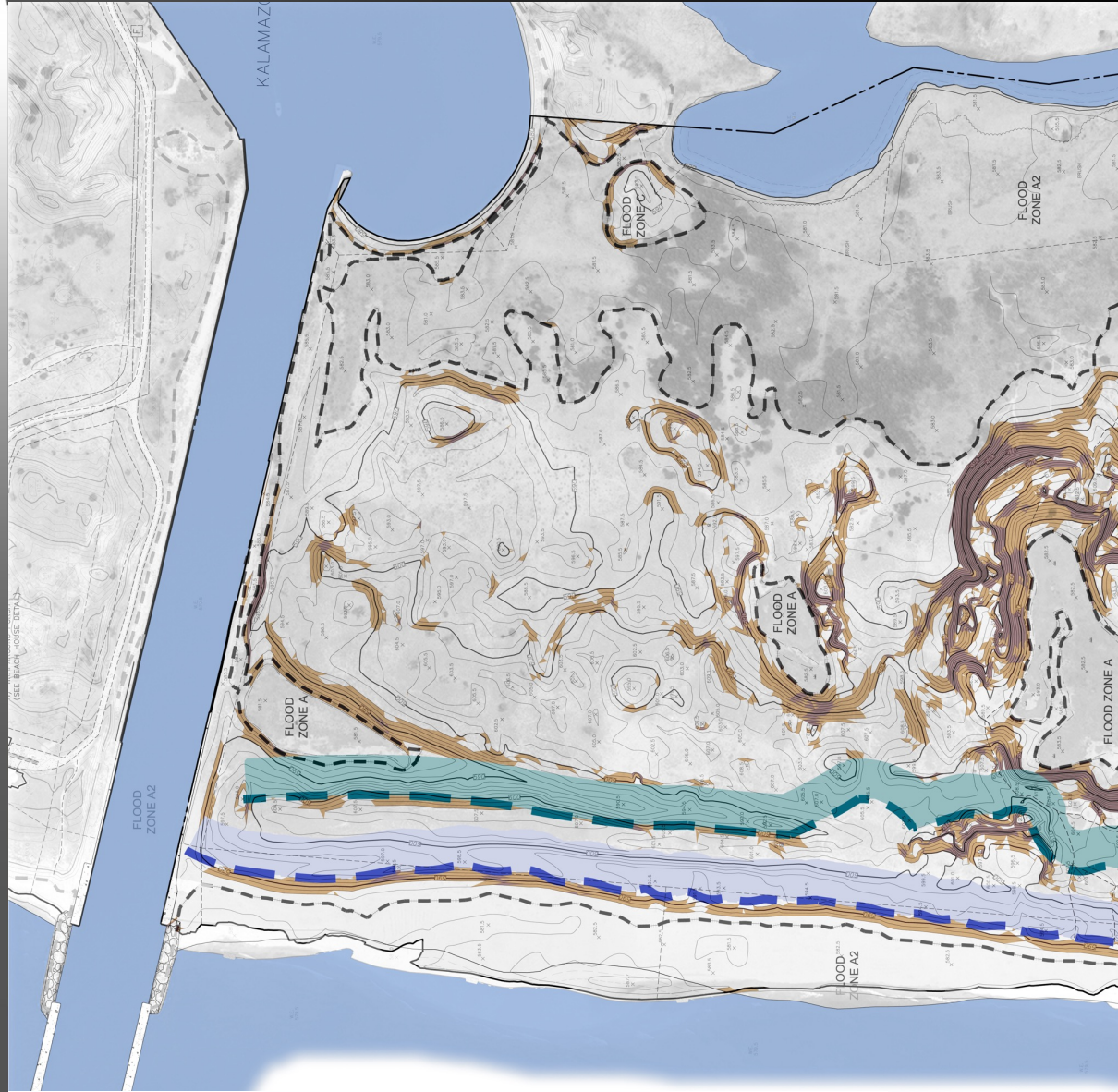




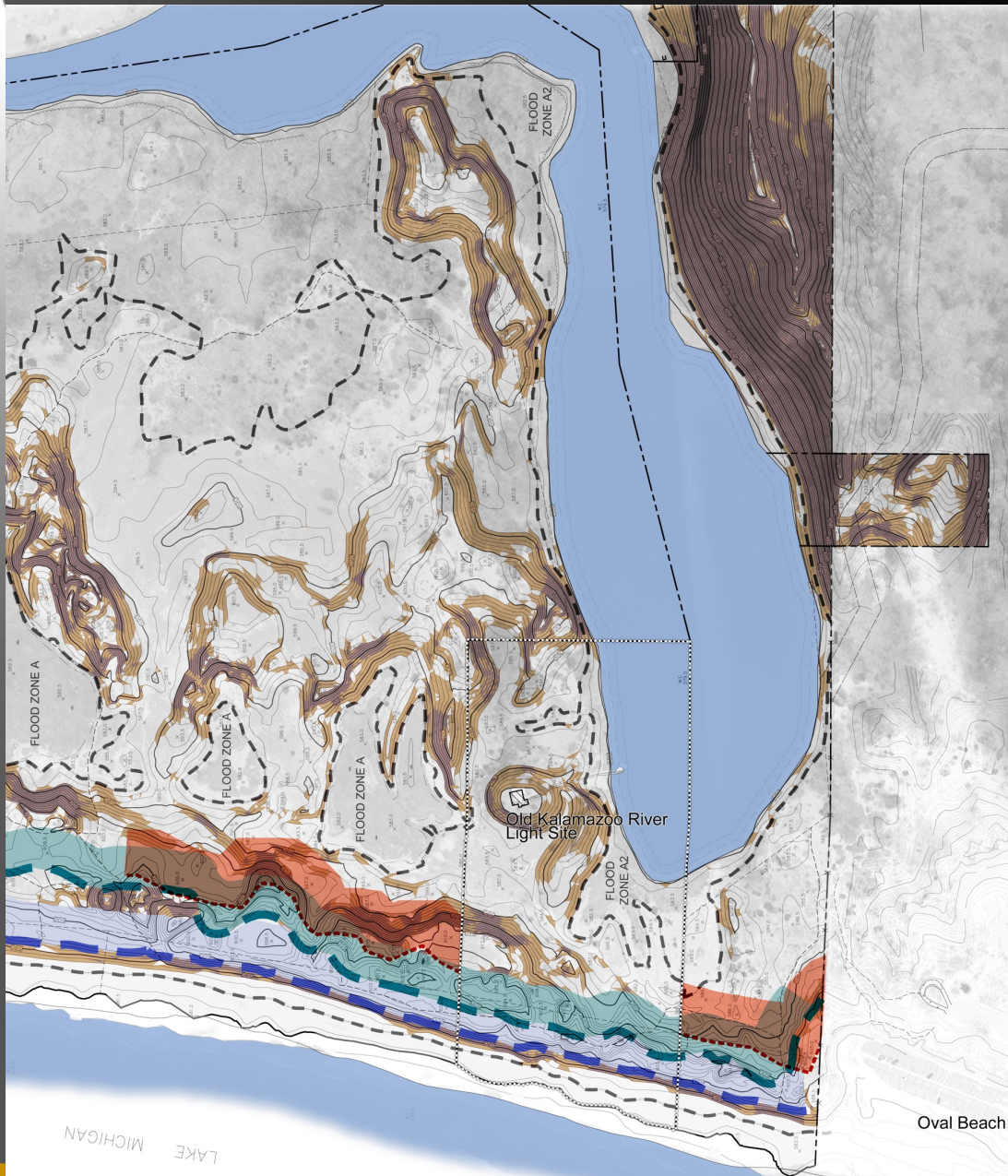




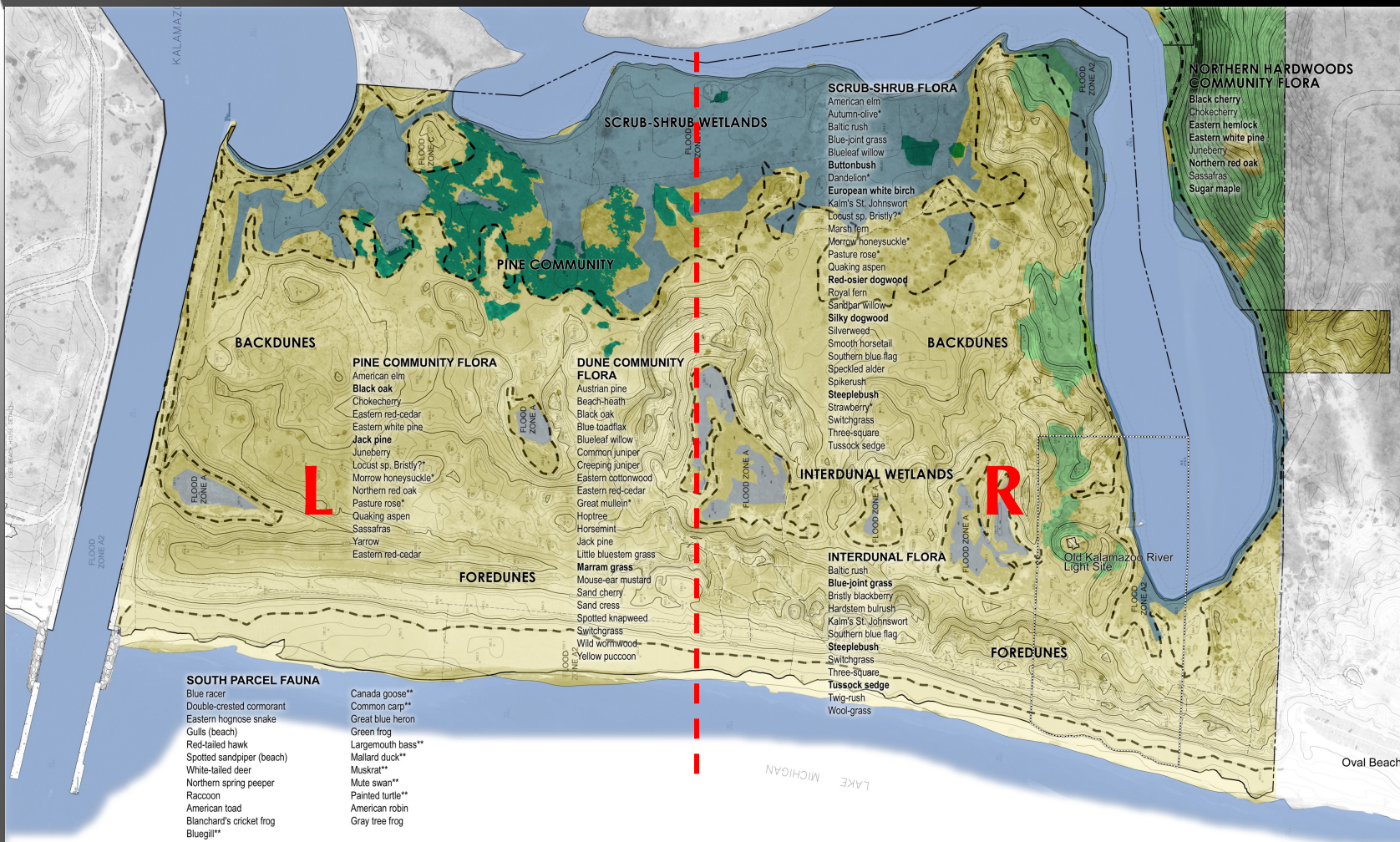
Revised Dunes & Steep Slopes



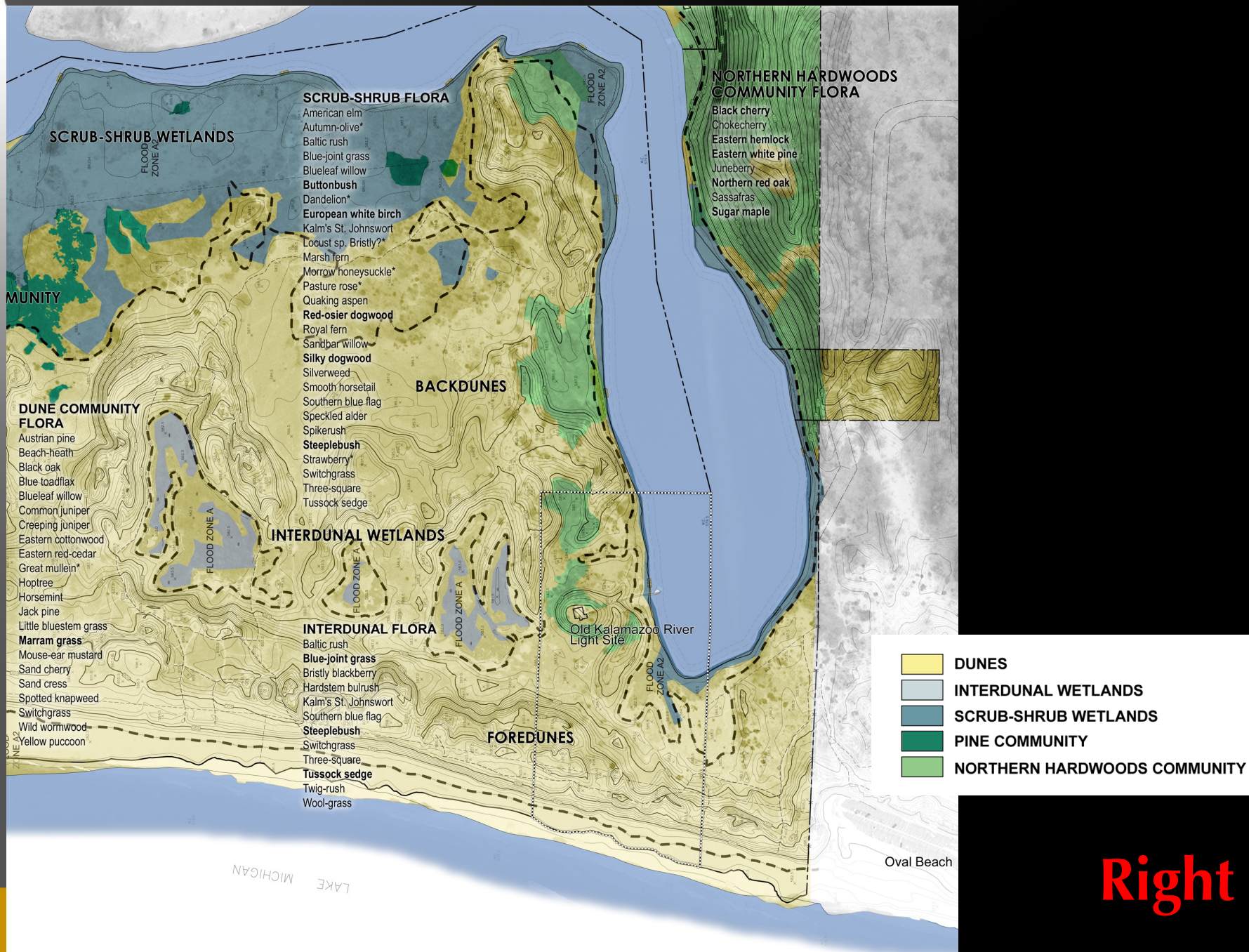
Left



- > 33% SLOPES
- 18-33% SLOPES
- MDEQ EROSION HAZARD LINE
- MDEQ HIGH RISK EROSION
60 YR. SETBACK (115 FT)
- SAUGATUCK TOWNSHIP REGULATED
DUNE LINE WITH 100' SETBACK
- MICHIGAN STATE REGULATED DUNE
LINE WITH 100' SETBACK







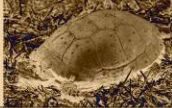
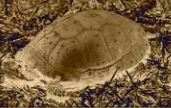
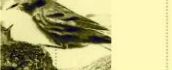
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
E	<i>Dendroica discolor</i> Prairie Warbler 	E = ENDANGERED											
T	<i>Cirsium pitcheri</i> Pitcher's Thistle 												
T	<i>Clemmys guttata</i> Spotted Turtle 												
T	<i>Utricularia subulata</i> Zigzag Bladderwort 												
T	<i>Panax quiquefolius</i> Ginseng 	T = THREATENED											
SC	<i>Hibiscus moscheutos</i> Swamp Rose-mallow 												
SC	<i>Acris crepitans blanchardi</i> Blanchard's Cricket Frog 												
SC	<i>Rhexia virginica</i> Meadow-beauty 												
SC	<i>Strophostyles helvula</i> Trailing Wild Bean 												
SC	<i>Sistrurus catenatus catenatus</i> Eastern Massasauga 												
SC	<i>Dendroica cerulea</i> Cerulean Warbler 												
SC = SPECIAL CONCERN													



Photo by Thomas R. Johnson

Acris crepitans blanchardi
Blanchard's Cricket Frog

SC



Although the species is listed only as special concern, the Blanchard's cricket frog is protected in Michigan under the Director's Order No. DFI-166.98, Regulations on the Take of Reptiles and Amphibians, which is administered by the Michigan Department of Natural Resources, Bureau of Fisheries.



Males heard calling along the edges of Oxbow Lake earlier this month.



South Parcel Buildable Zones



Thanks!