

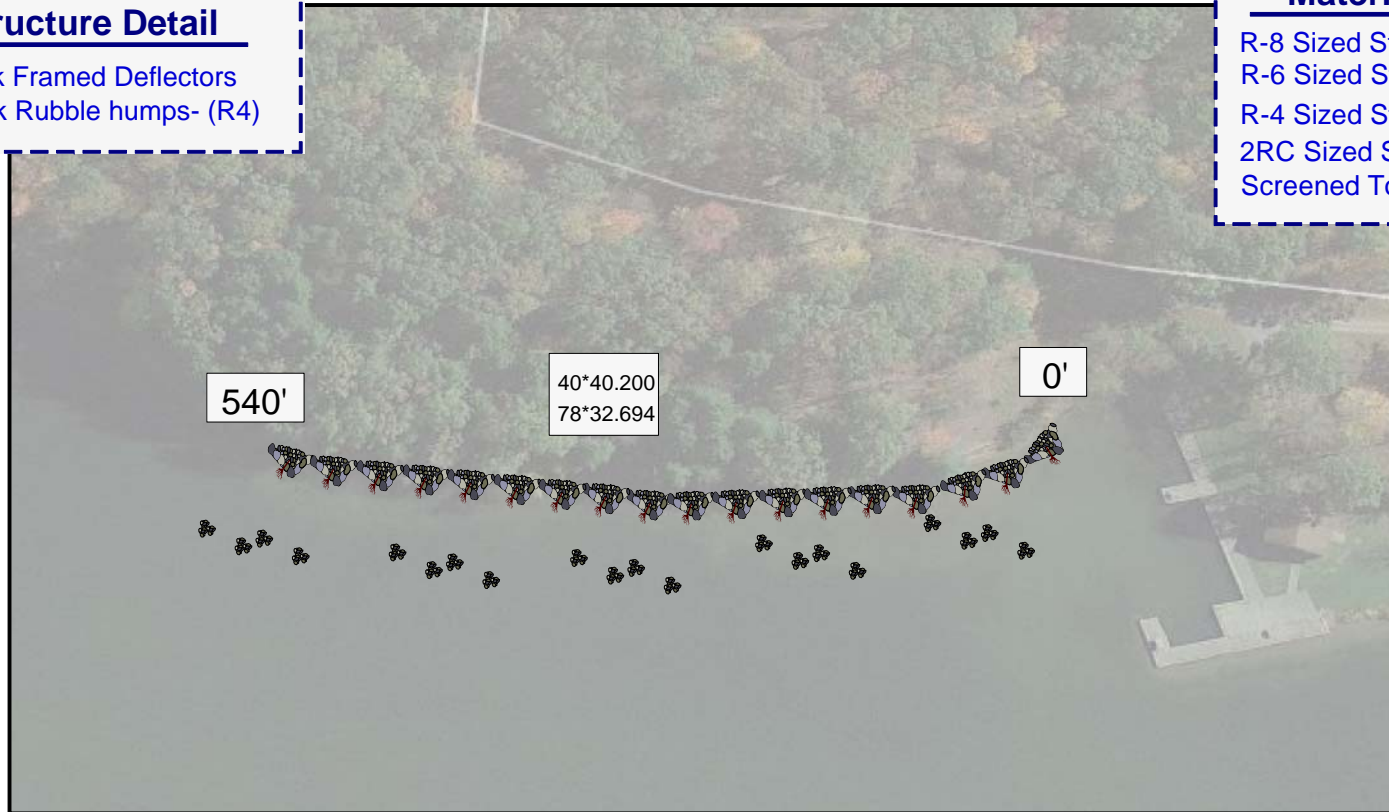
# Glendale Lake, Muskrat Beach Site #2 Shoreline Project

## Structure Detail

- 18 Rock Framed Deflectors
- 120 Rock Rubble humps- (R4)

## Material Detail

- R-8 Sized Stone= 432 tons
- R-6 Sized Stone= 144 tons
- R-4 Sized Stone= 288 tons
- 2RC Sized Stone= 190 tons
- Screened Topsoil = 60 yards



## Plan View

Root-wads buried with Stone  
Tree trunk at least 10' long

Large R-8 (40") Stone  
Entrenched into the Substrate



Shoreline will be graded to a Minimum of a 3 : 1 Slope

Reclaim with Stone  
R- 6 (18"-24") Stone is the base layer  
R-4 (6"-12") Stone is second layer  
Topped off with a layer of 2RC

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**Lake Habitat Improvement Plan  
for  
Glendale Lake, Cambria County  
by  
PA Fish and Boat Commission  
Division of Habitat Management**

Drawn By: Mike Swartz Habitat Manager: Mike Swartz Date 03/21/2016

NOT TO SCALE  
FIT IN FIELD

ALL SIZES APPROXIMATE

**Note** ● Blue Text Indicates Proposed Sites  
● Black Text Indicates Proposed Sites



## Section View

Disturbed areas will be Hydroseeded and follow proper E&S Guidelines



Rock will be keyed into existing bank