

Information for File #1994-06001-WAB

Applicant: Spirit of the North Resort, Tim Anderson

Corps Contact: William Baer

Address: 4111 Technology Drive, Suite 295, Bemidji MN 56601

E-Mail: william.a.baer@usace.army.mil

Phone: (651) 290-5338

Primary County: Cass

Location S/T/R: SE, NE, S35, T142N, R30W

Information Complete On: June 12, 2015

Posting Expires On: July 20, 2015

Authorization Type: LOP-10-R (CWA 404, RHA Section 10)

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. An approved jurisdictional determination will be made prior to reaching a permit decision, and will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

Project Purpose: The purpose of the project is to expand an existing in-lake harbor and perform maintenance on the existing harbor wall.

Project Description: The applicant proposes to modify and expand the existing harbor by extending the rock breakwall approximately 120 feet, extending the harbor retaining wall approximately 125 feet along the shore, relocating the rock point extending from shore to provide a protective entrance channel, and dredging portions of the new harbor area to provide five feet deep water throughout the harbor. The expansion project would provide an additional 16 harbor slips. During harbor expansion construction, the applicant also proposes to replace 150 feet of existing harbor wall that has deteriorated.

Name, Area and Types of waters (including wetlands) subject to loss: The base of the new breakwall would impact a lakebed area approximately 25'-30' wide x 125' long (3,125-3,750 square feet). Approximately 1,250 square feet of the breakwall will extend above the surface of Leech Lake, which would be considered a "loss of waters". Dredging would impact an area approximately 60' x 124' (7,440 square feet), but would not result in a loss of waters.

Dredging is estimated to remove approximately 2,500 cubic yards of material. However, approximately 40% of the rock needed to build the breakwall will be obtained from the dredge area since the lake bed and shoreline primarily consist of boulders and large rocks.

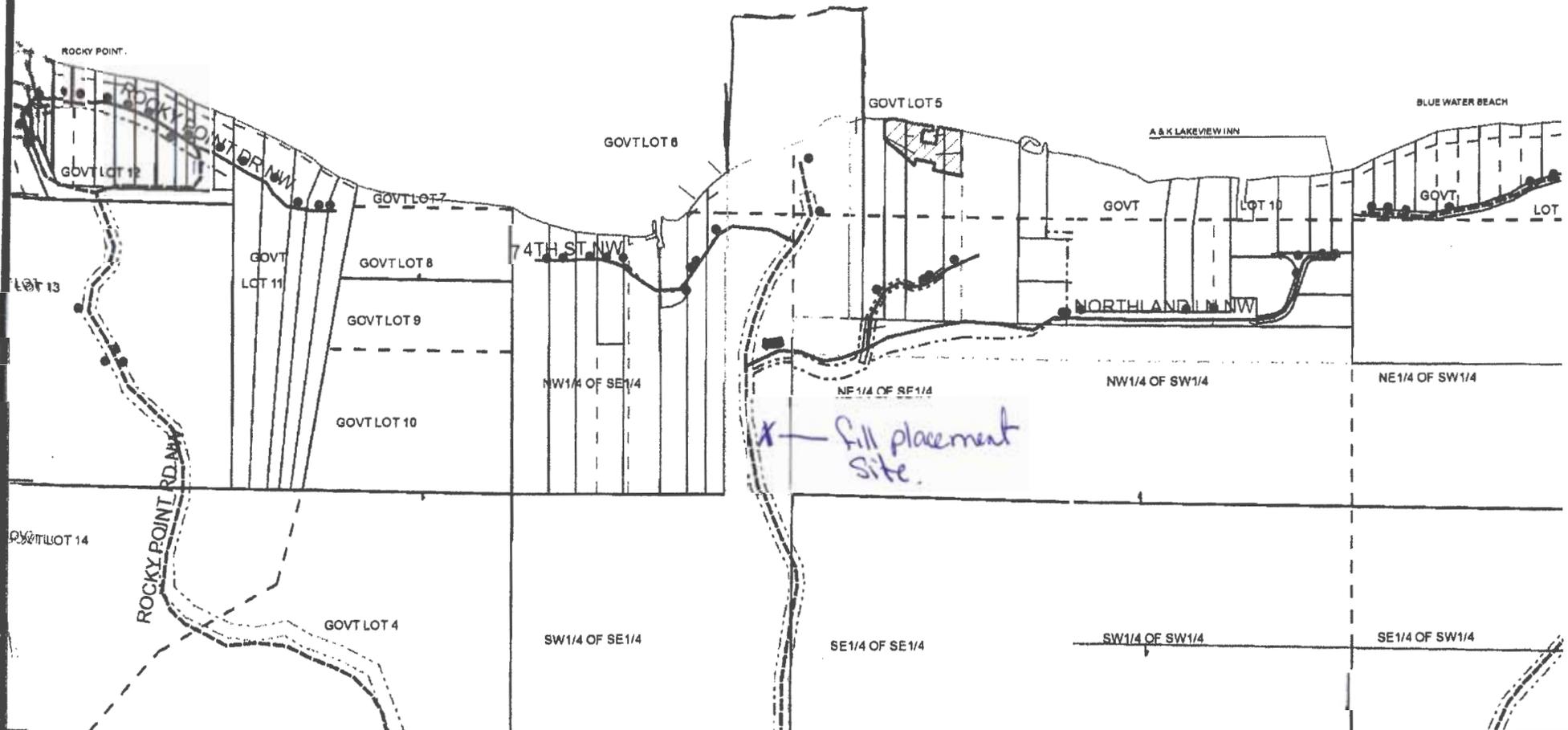
Alternatives considered: The applicant considered an alternative design, which would expand the harbor to the east. This was dismissed since it would encroach on a property line and would not sufficiently expand the area of the harbor based on need.

Compensatory Mitigation: The applicant has not proposed compensatory mitigation for the proposed aquatic resource impacts.

Drawings: 1994-06001-WAB 1 of 8 through 8 of 8. See attached.



*Spirit of the North
Resort*



These data are provided on an "AS-IS" basis, without warranty of any type, expressed or implied, including but not limited to any warranty as to their performance, merchantability, or fitness for any particular purpose.

spirit
sue anderson



Date: 7/31/2014

This map is not a substitute for accurate field surveys or for locating actual property lines and any adjacent features.



RECEIVED
JUN 11 2015
BY: _____



12.02.2008

RECEIVED
JUN 11 2015
BY: _____

40% Reused on site from Rip-Rap + Rock from lake / New material to come either from TFC gravel pit or Zurbke gravel pit. Final 2 excavators for project.

Blomberg 218 9766 0965 Walker / Lopez

Back Track hoe

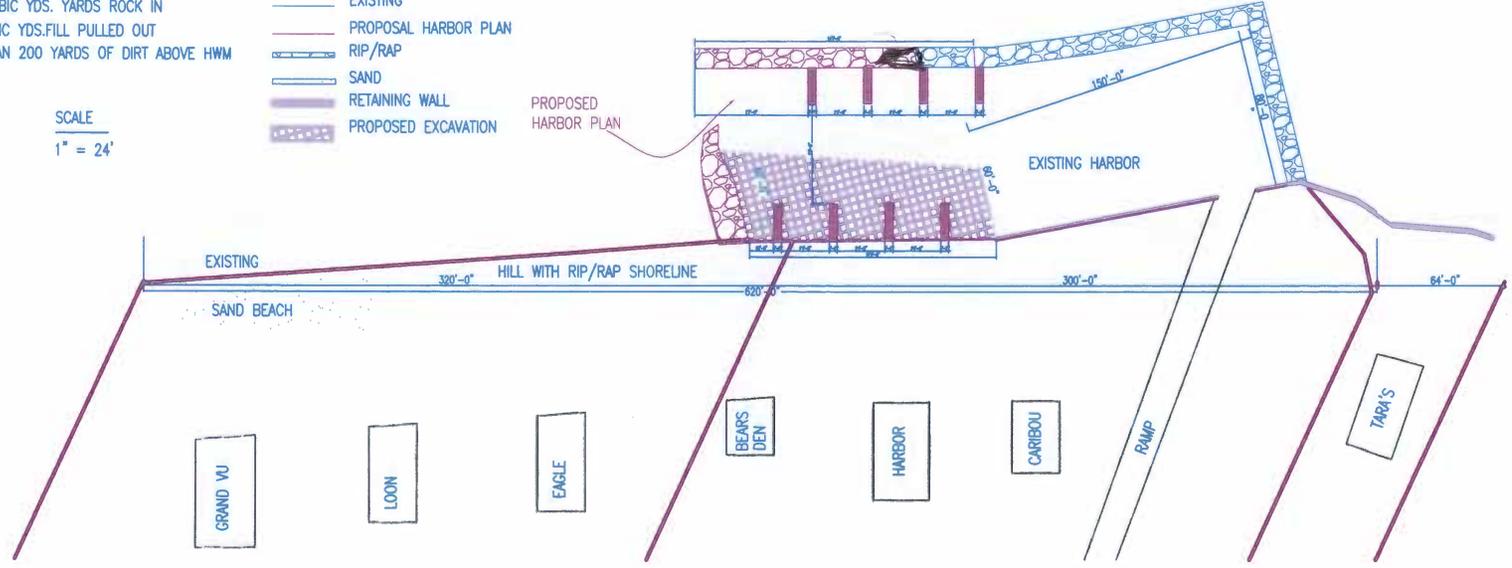
Vehtal Swanson 218 920 5398 Walker

SPIRIT OF THE NORTH
TIM AND SUE ANDERSON
7418 SMOKEY POINT ROAD NW
WALKER, MN 56484
218-836-2357

HARBOR PLAN
1350 CUBIC YDS. YARDS ROCK IN
740 CUBIC YDS. FILL PULLED OUT
LESS THAN 200 YARDS OF DIRT ABOVE HWM

SCALE
1" = 24'

- LEGEND
- EXISTING
 - PROPOSAL HARBOR PLAN
 - ▨ RIP/RAP
 - ▨ SAND
 - ▨ RETAINING WALL
 - ▨ PROPOSED EXCAVATION



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

RECEIVED
JUN 11 2015
BY: _____

*Base 25 to 30 Ft
- depending on Rocks
8 to 10 Ft ab
water level
Rocks above HWM
4 to 5 Ft high*

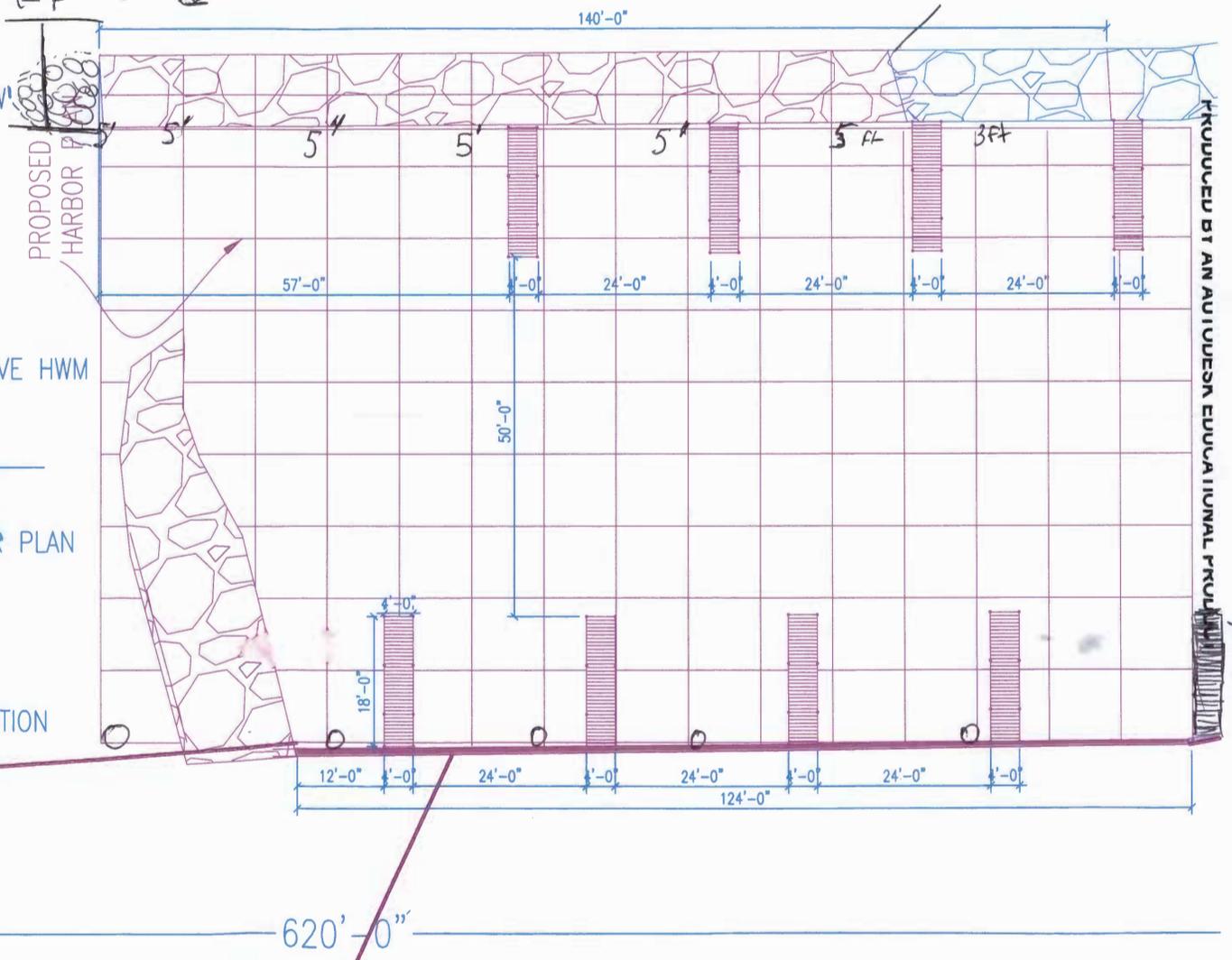
SPIRIT OF THE NORTH
TIM AND SUE ANDERSON
7418 SMOKEY POINT ROAD NW
WALKER, MN 56484
218-836-2357

HARBOR PLAN

1350 CUBIC YDS. YARDS ROCK IN
740 CUBIC YDS. FILL PULLED OUT
LESS THAN 200 YARDS OF DIRT ABOVE HWM

LEGEND

-  EXISTING
-  PROPOSAL HARBOR PLAN
-  RIP/RAP
-  SAND
-  RETAINING WALL
-  PROPOSED EXCAVATION



LL WITH RIP/RAP SHORELINE

RECEIVED
JUN 11 2015
BY: _____

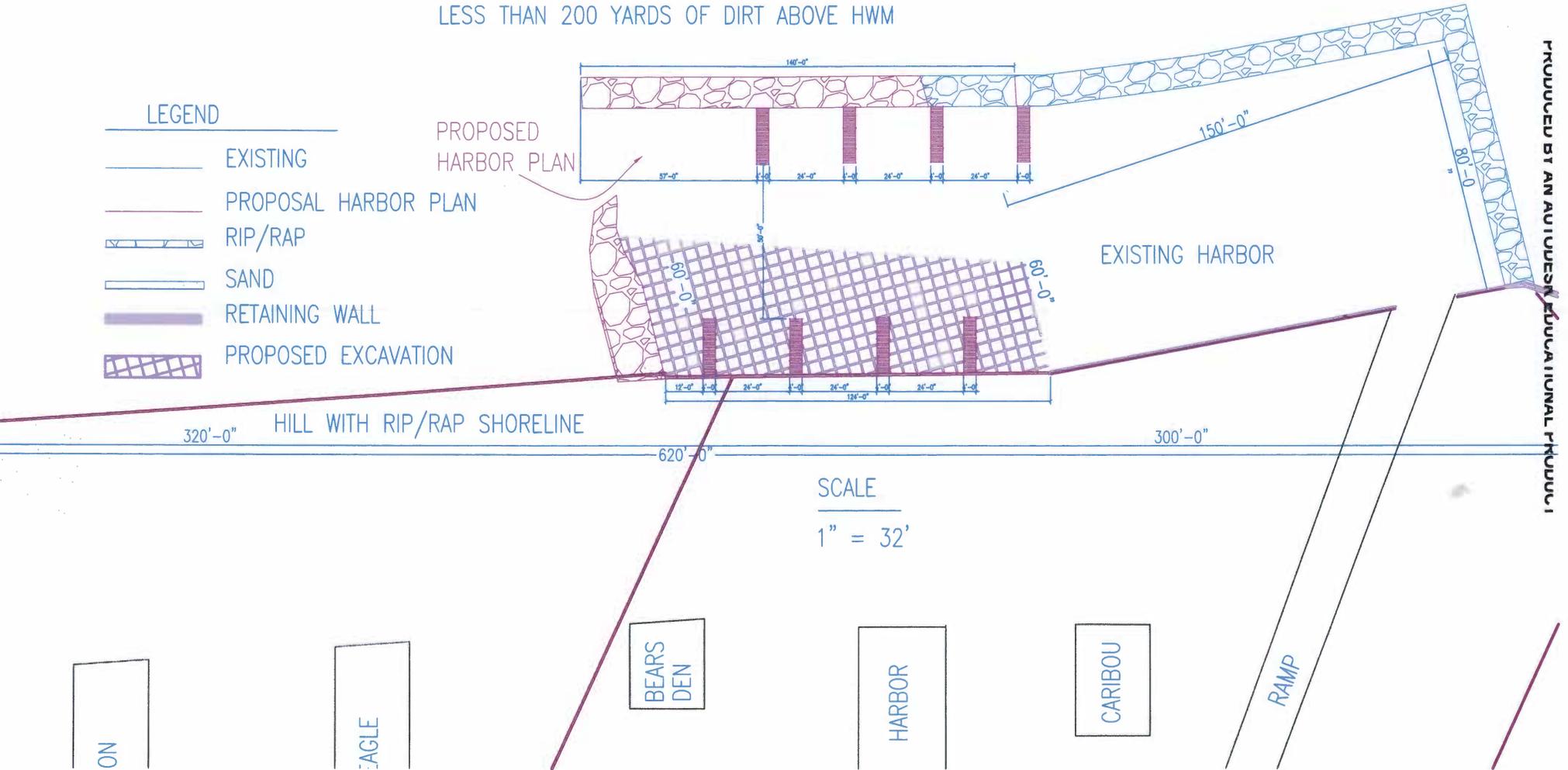
SPIRIT OF THE NORTH
TIM AND SUE ANDERSON
7418 SMOKEY POINT ROAD NW
WALKER, MN 56484
218-836-2357

HARBOR PLAN

1350 CUBIC YDS. YARDS ROCK IN
740 CUBIC YDS. FILL PULLED OUT
LESS THAN 200 YARDS OF DIRT ABOVE HWM

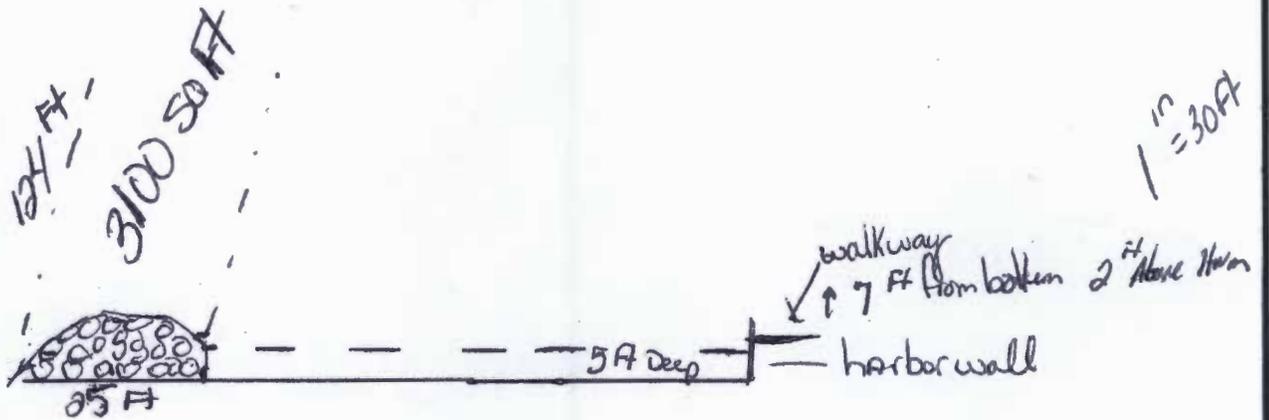
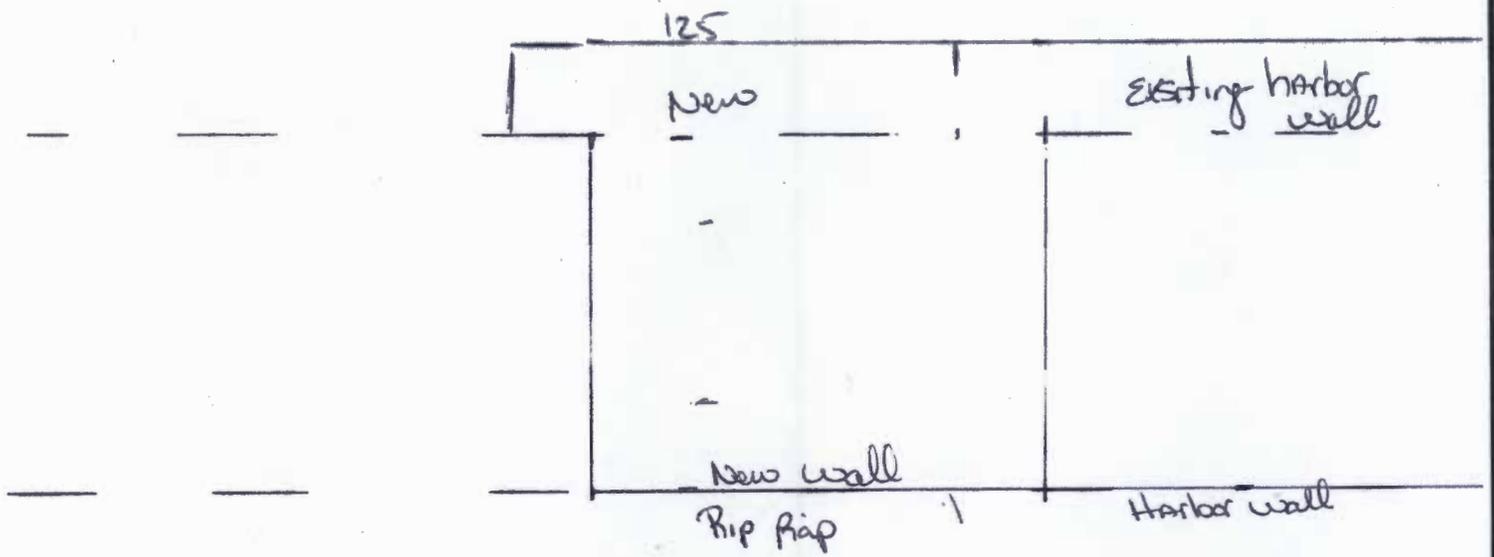
LEGEND

-  EXISTING
-  PROPOSAL HARBOR PLAN
-  RIP/RAP
-  SAND
-  RETAINING WALL
-  PROPOSED EXCAVATION



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

1" = 50'



1" = 30 FT

1 cm = 5 feet

