












P20090375

LEGEND

-  BANKLINE STABILIZATION
-  PROPOSED DREDGE AREA
-  PROPOSED SPOIL AREA
-  SHORELINE ARMORING 8' X 1000' ft
-  NEW - REPAIRED BULKHEAD
-  RESTAURANT / BATHROOMS PROPOSED
-  NEW PIERS 10'
-  NEW BOAT SLIPS 30'
-  UNAUTHORIZED DREDGED AREA
-  GRAVEL PARKING
-  UNAUTHORIZED FILL

A-A CROSS SECTION PROPOSED MITIGATION AND DREDGING

B-B CROSS SECTION EXISTING AND UNAUTHORIZED CULVERT + FILL

D-D CROSS SECTION NEW OPEN BOAT SLIPS

E-E CROSS SECTION PROPOSED GRAVEL PARKING

F-F CROSS SECTION NEW REPAIRED BULKHEAD

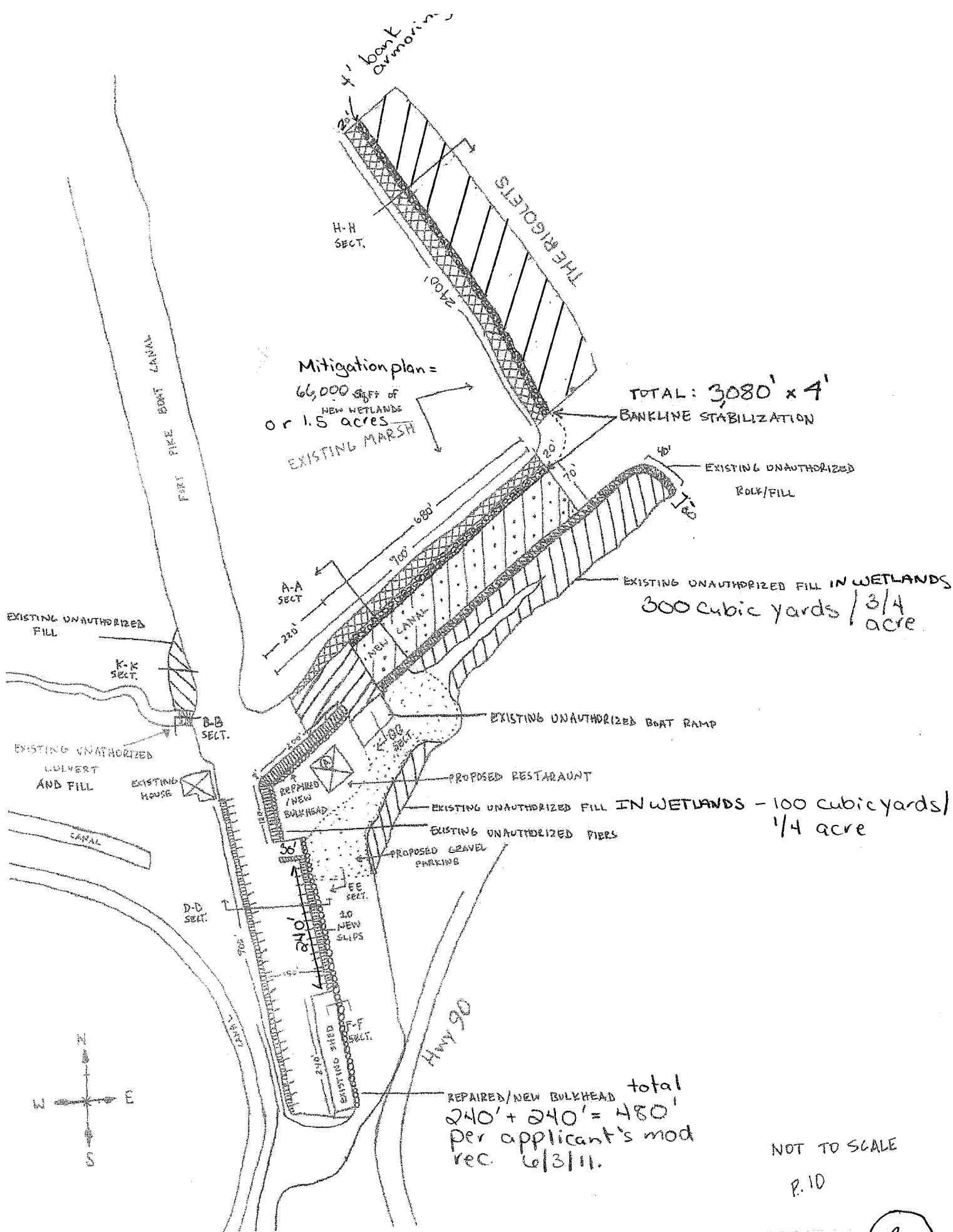
G-G CROSS SECTION EXISTING UNAUTHORIZED BOAT RAMP

H-H CROSS SECTION MITIGATION + BANK STABILIZATION

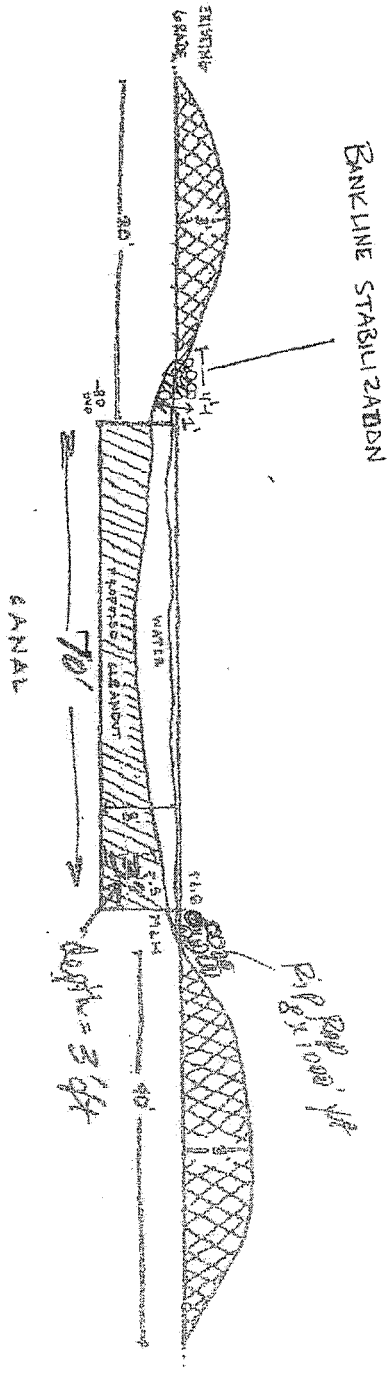
I-I CROSS SECTION WETLANDS MITIGATION

J-J CROSS SECTION WETLANDS MITIGATION

K-K CROSS SECTION UNAUTHORIZED FILL NEAR CULVERT



CROSS SECTION
A-A

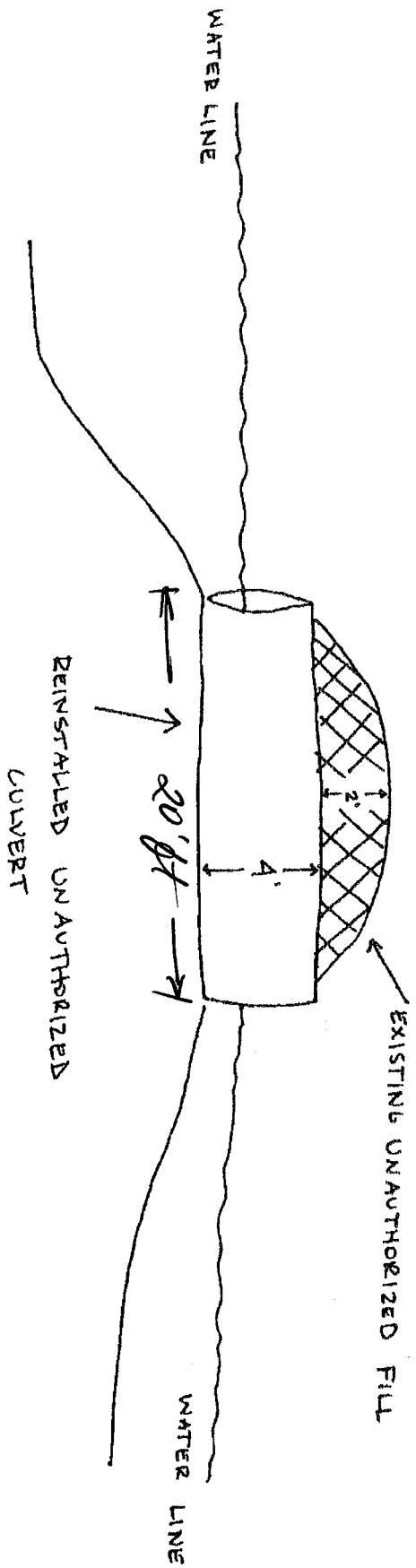


NOTES

1. NOT TO SCALE
2. MAX DREDGE DEPTH 3'
3. ALL SOLID WASTE WILL BE REMOVED FROM DREDGE MATERIAL AND DISPOSED OF AT A PERMITTED FACILITY

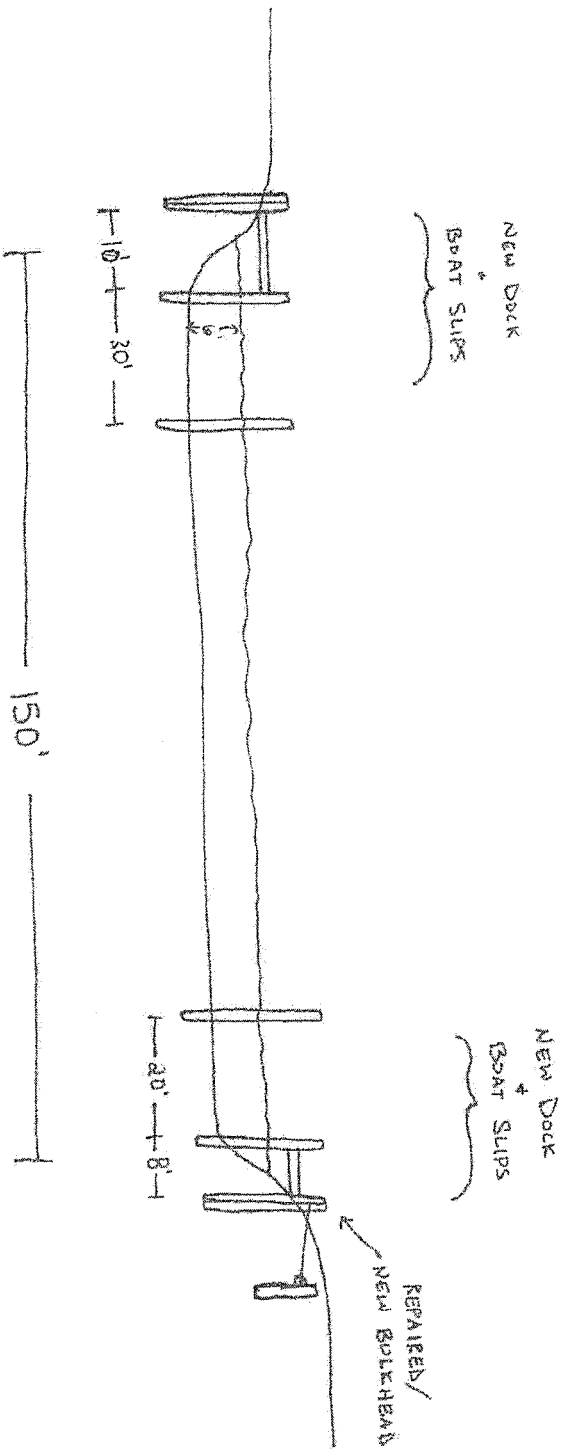
7,000 yds

B-B
CROSS SECTION
EXISTING UNAUTHORIZED
CULVERT



NOT TO SCALE

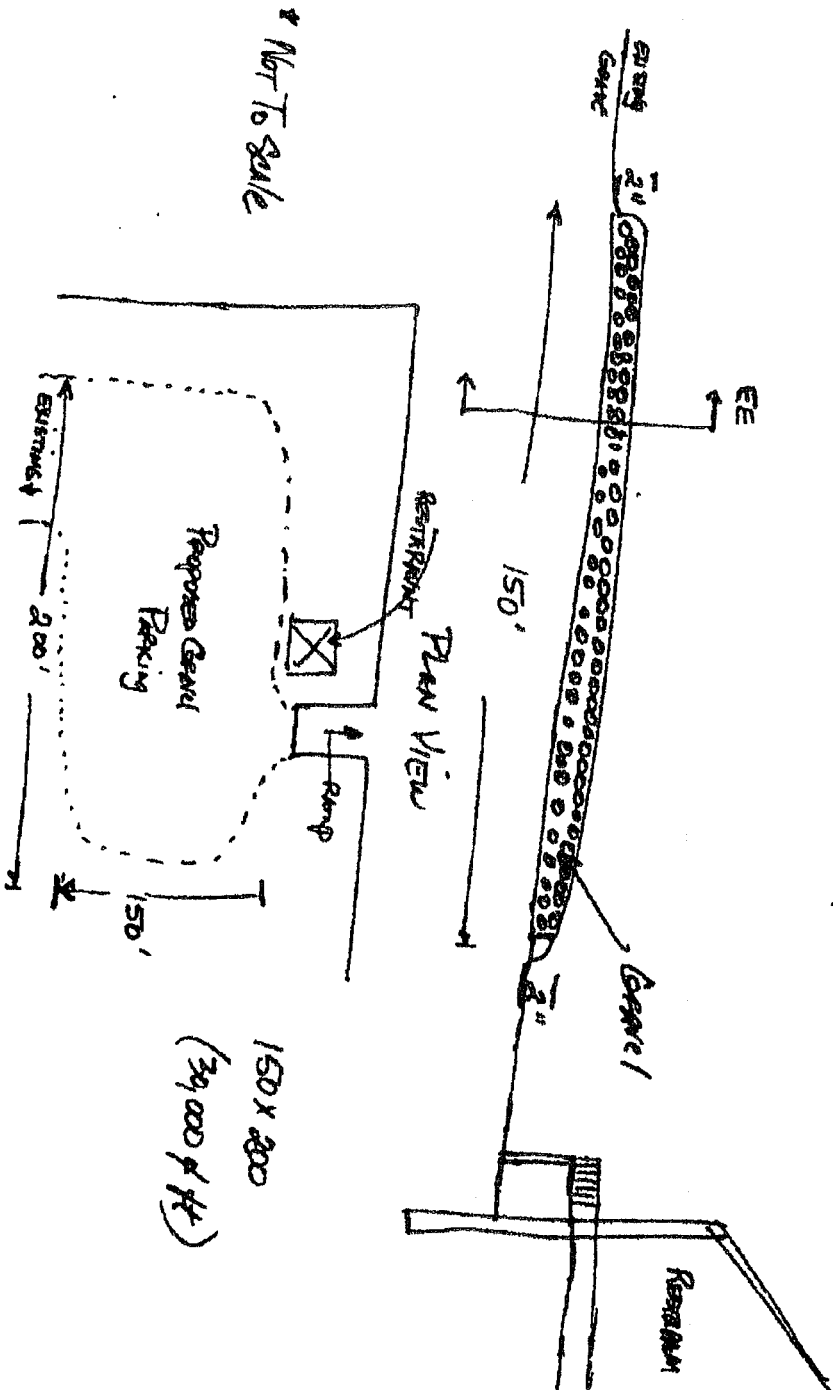
D-D Cross Section



* NOT TO SCALE

6

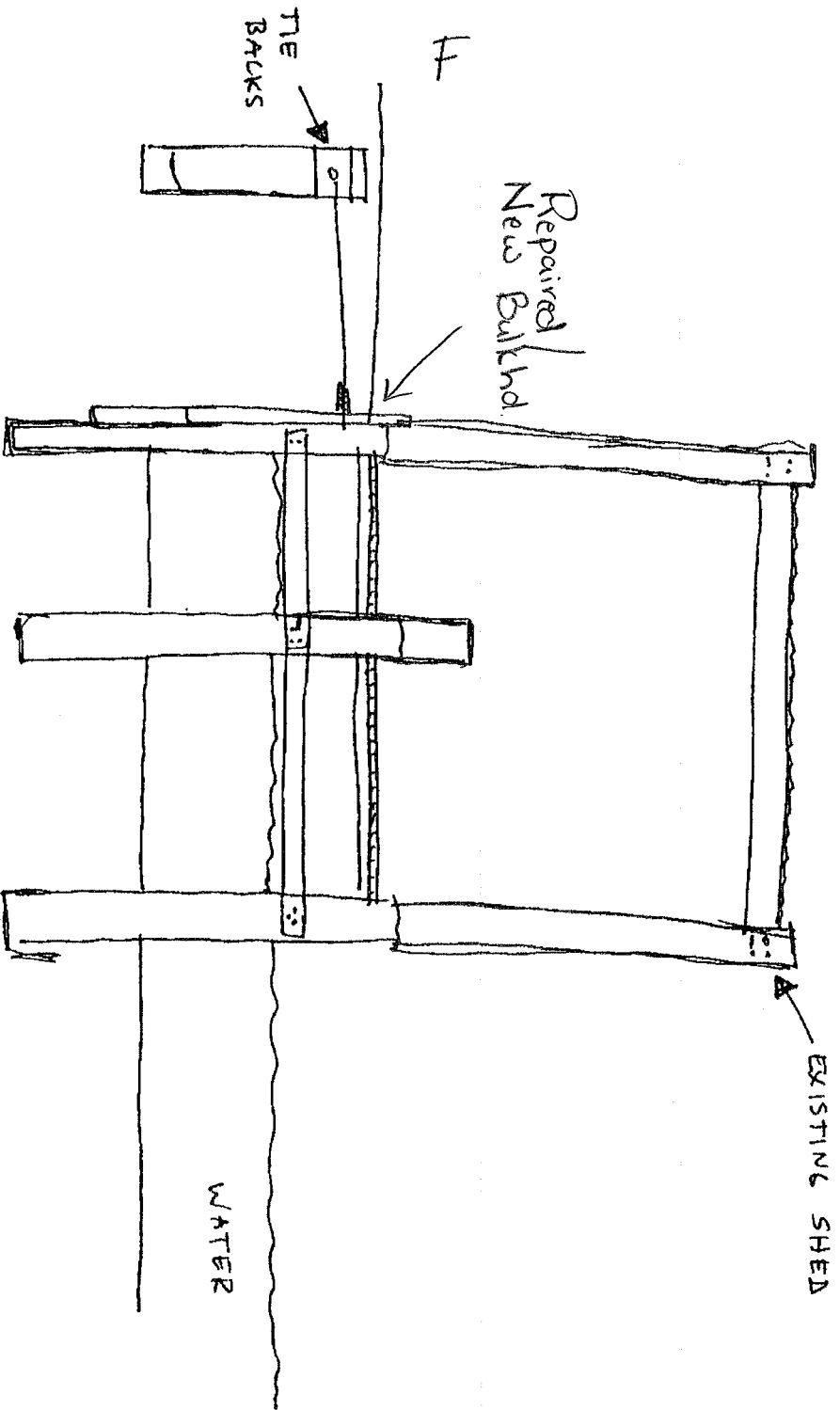
E-E
Cross Section
Proposed Gravel Parking



F-F

CROSS SECTION

50'

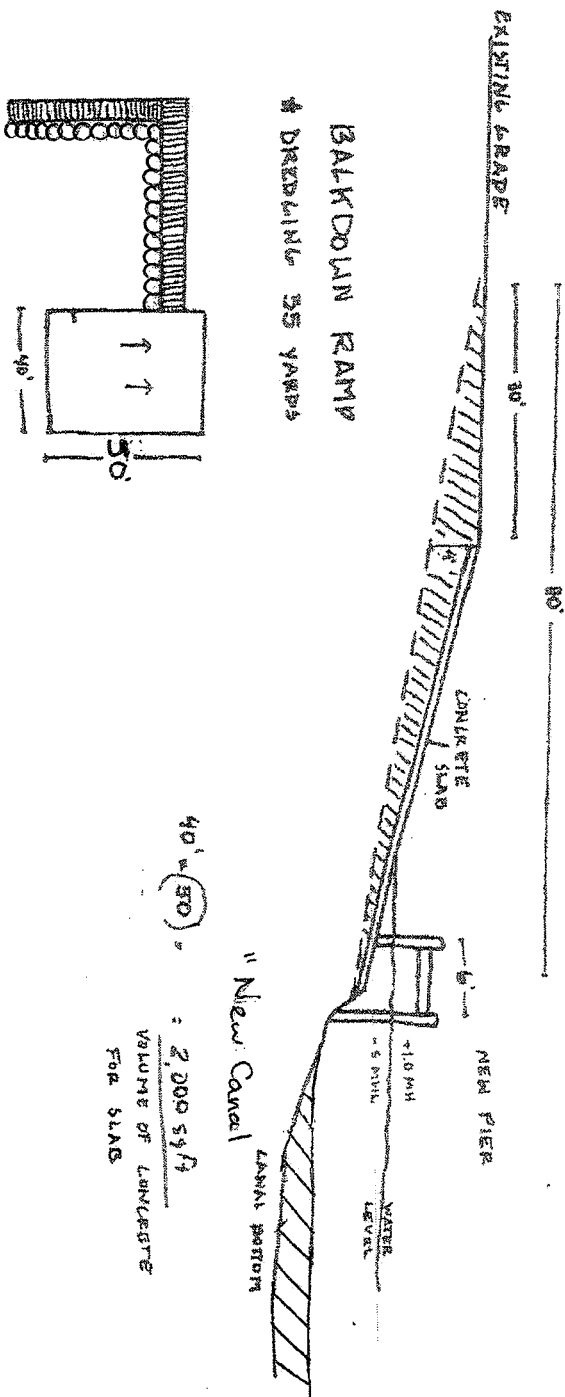


NOT TO SCALE

8

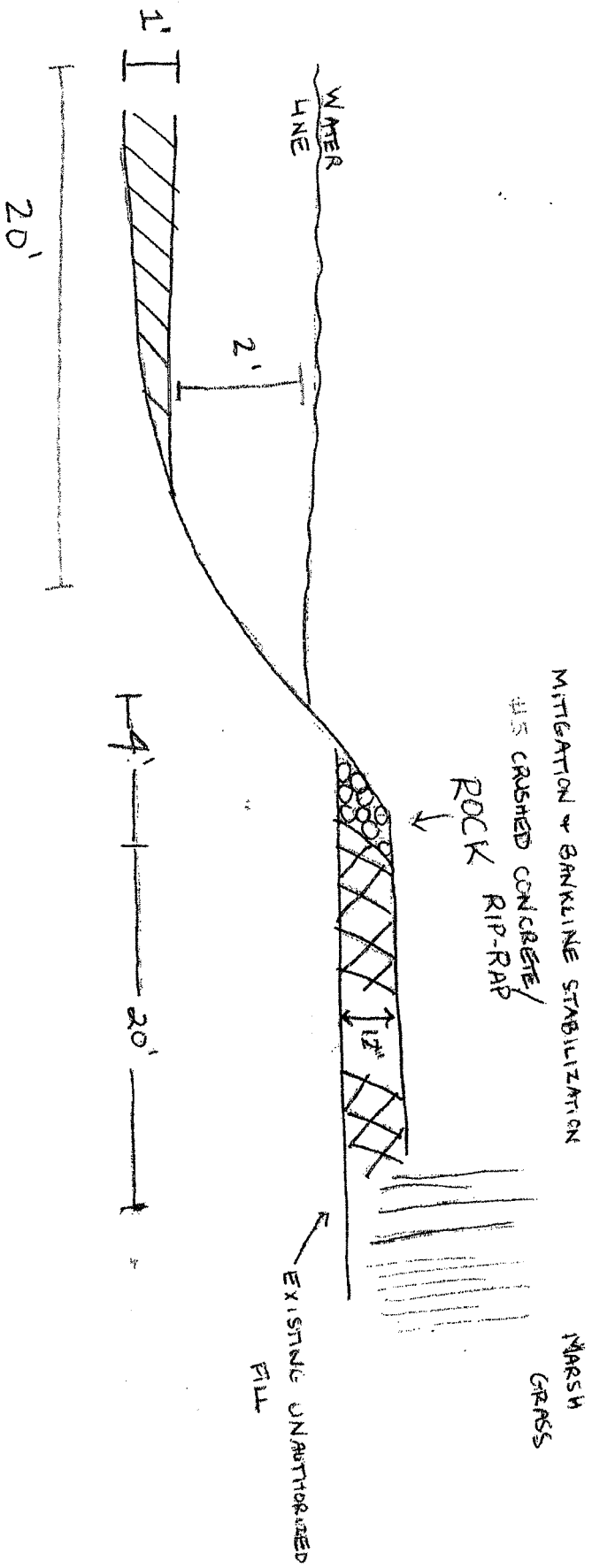
CROSS SECTION
G-G

WEST



* NOT TO SCALE

H-H/J-J (Mitigation) Cross Section



NOT TO SCALE

Dredge Formula (New Canal)

$$70' \times \overset{900}{\cancel{1180}'} \times 3' \text{ ft} = \cancel{235200} \div 27 = 8711 \cancel{1110400} \text{ yds}^3$$

$$189,000 \div 27 = 7,000 \text{ yds}^3$$

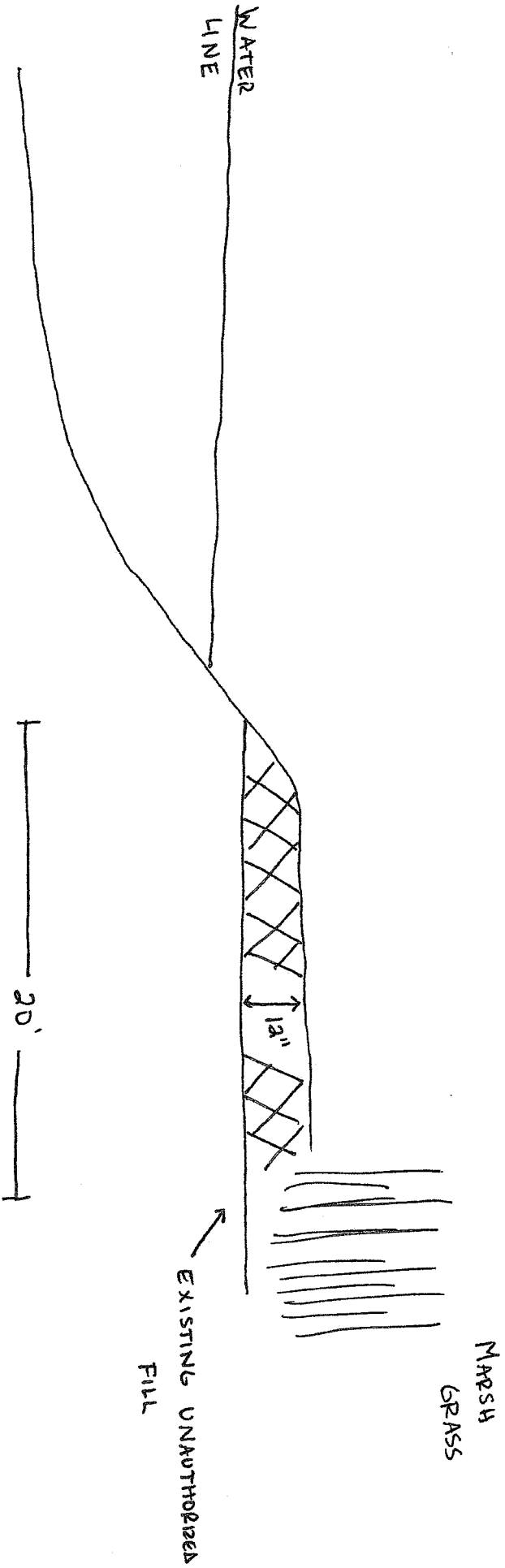
* Dredge Formula (facing Rigolet's)

$$\text{Length} \times \text{Width} \times \text{Depth} / 27 = \underline{\hspace{2cm}}$$

$$2400' \times 20' \times 1' / 27 = 1,778 \text{ yds}^3$$

K-K

CROSS SECTION



NOT TO SCALE

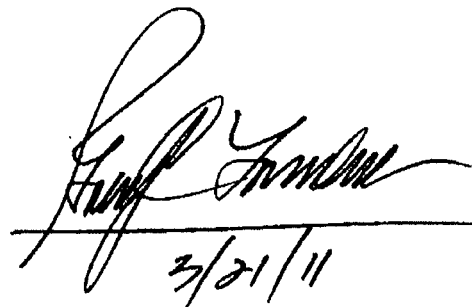
MITIGATION PLAN

P. 13 PLAN VIEW

P. 14 CROSS SECTION I-I

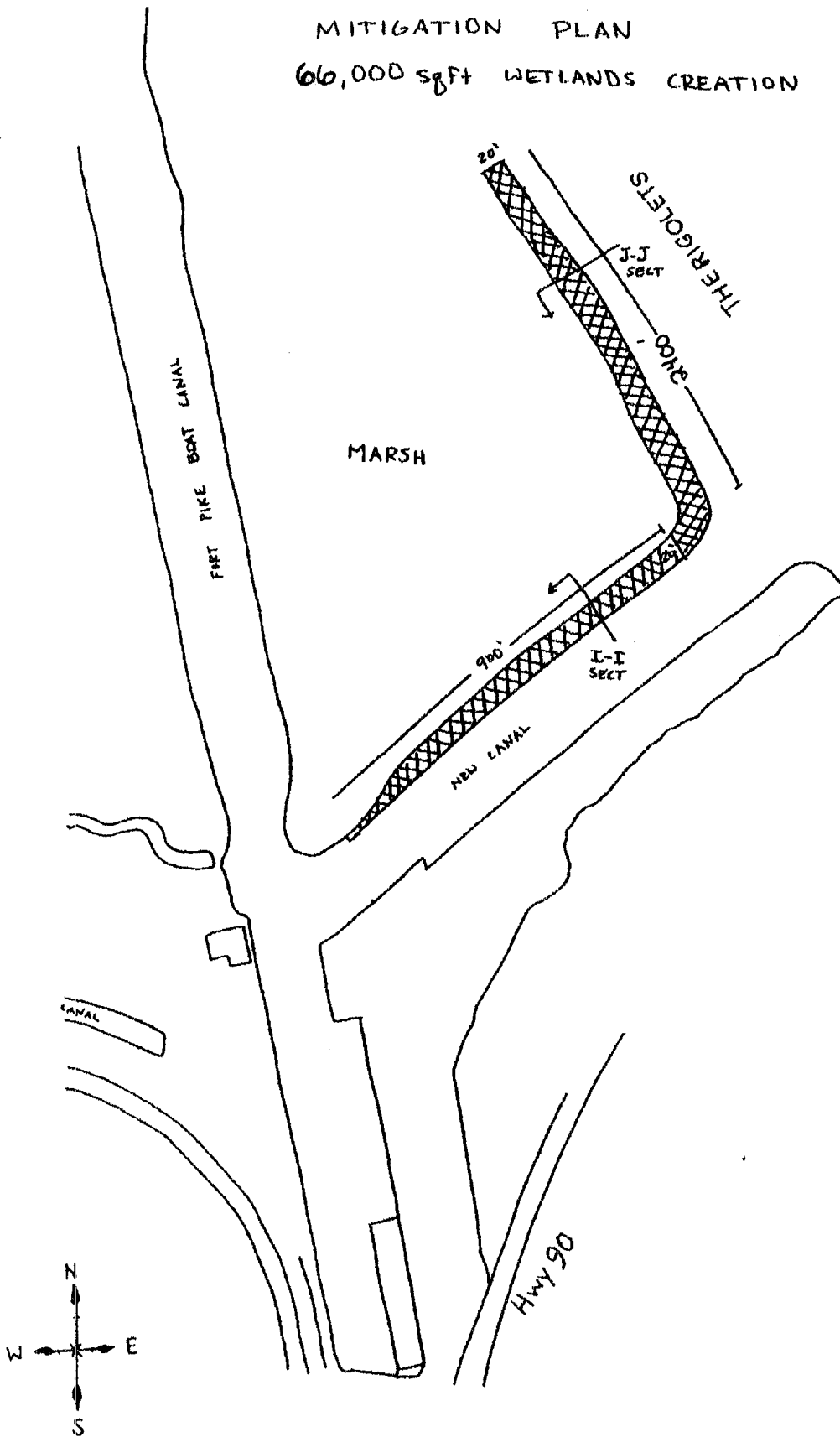
P. 15 CROSS SECTION J-J

P. 16 Mitigation Plan

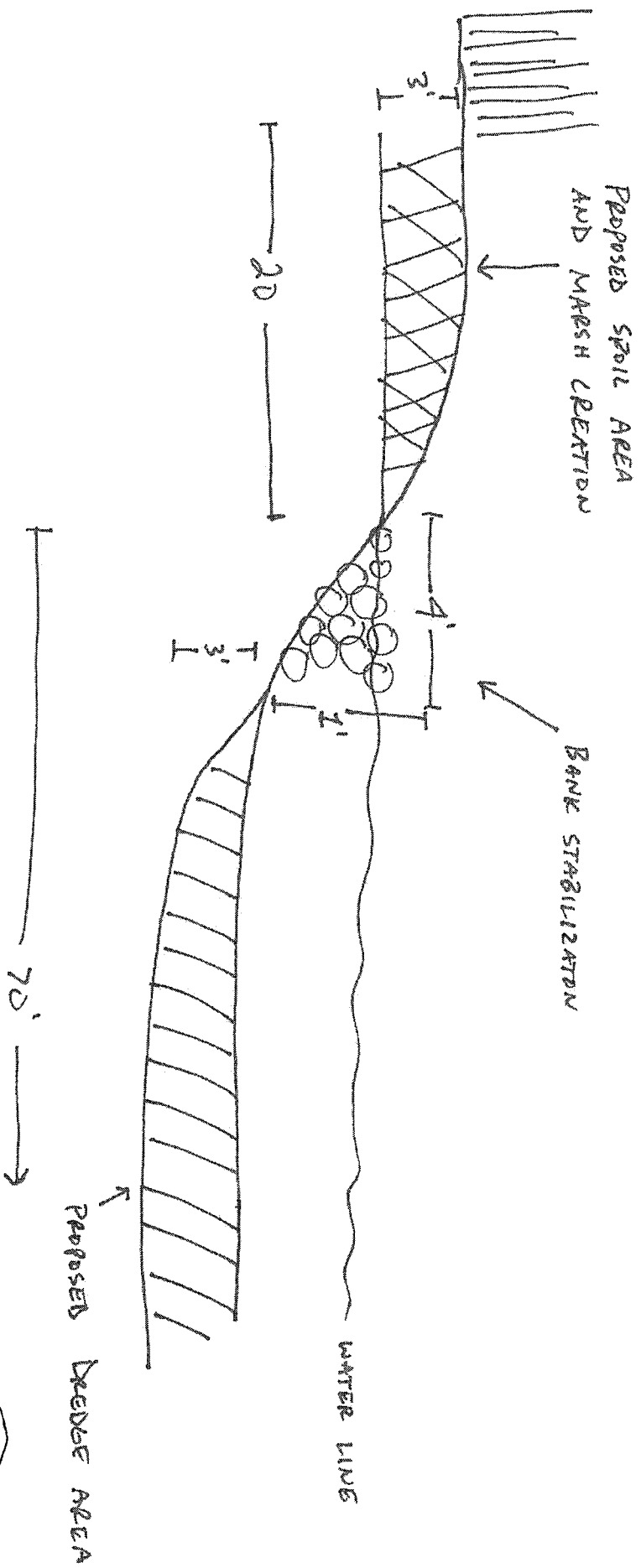

3/21/11

OVER PAGE

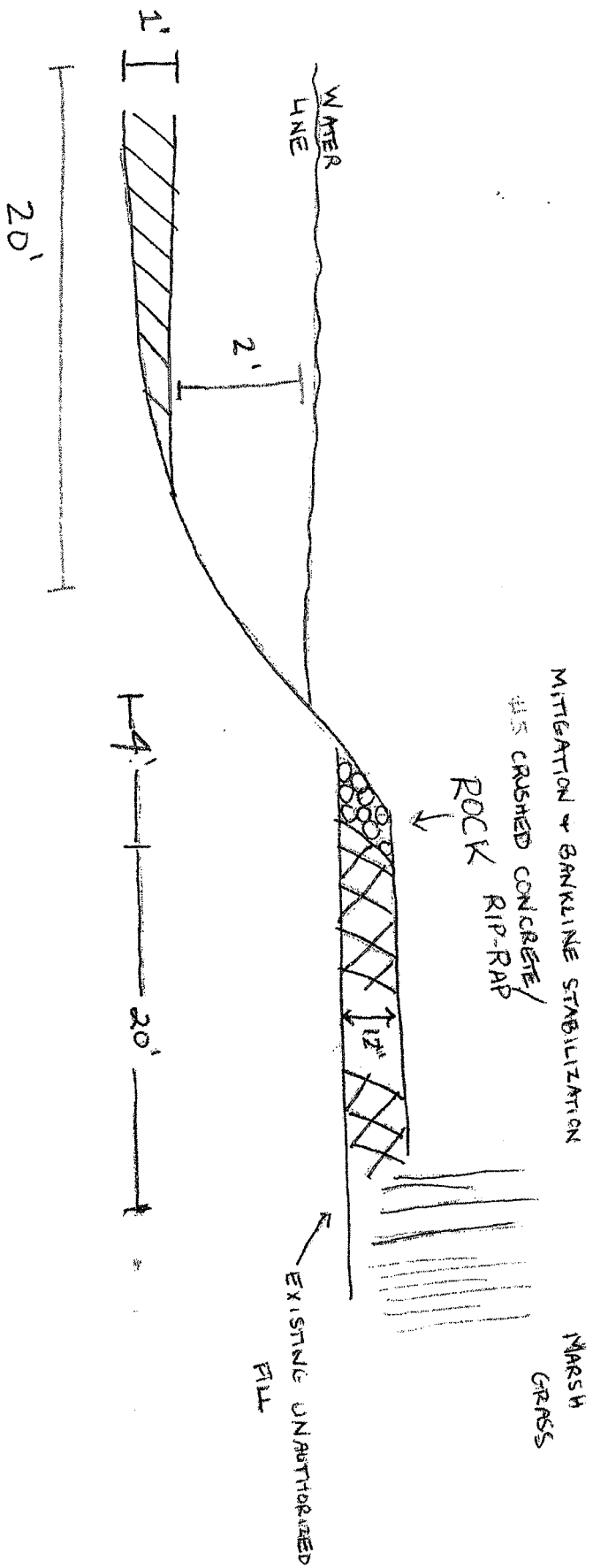
MITIGATION PLAN
66,000 SQ FT WETLANDS CREATION



I - I
CROSS SECTION
WETLANDS MITIGATION



H-H/J-J (Mitigation) CROSS SECTION



NOT TO SCALE

RIGOLETS MARINA INC.

MITIGATION PLAN

The mitigation plan submitted as part of the overall PERMIT PACKAGE will be constructed in water using shallow draft barge and trac/hoe bucket to sculpture the shallow area shown in the diagram. Material will be removed and placed against the existing ERODING SHORELINE.

The material will stack up slightly and then as weather and water have opportunity, it will settle down to just above the mean water level at normal tide. To insure the stabilization and permanent attachment, 4" rock will be placed in front of the material.

In all the process will require one barge, one barge mounted trac-hoe, 2 men and one push boat. The total time of construction should not exceed 4 weeks.

After the dredged material has been installed, the naturally occurring vegetation will take over and populate the area in the exact same fashion as to what is existing now.