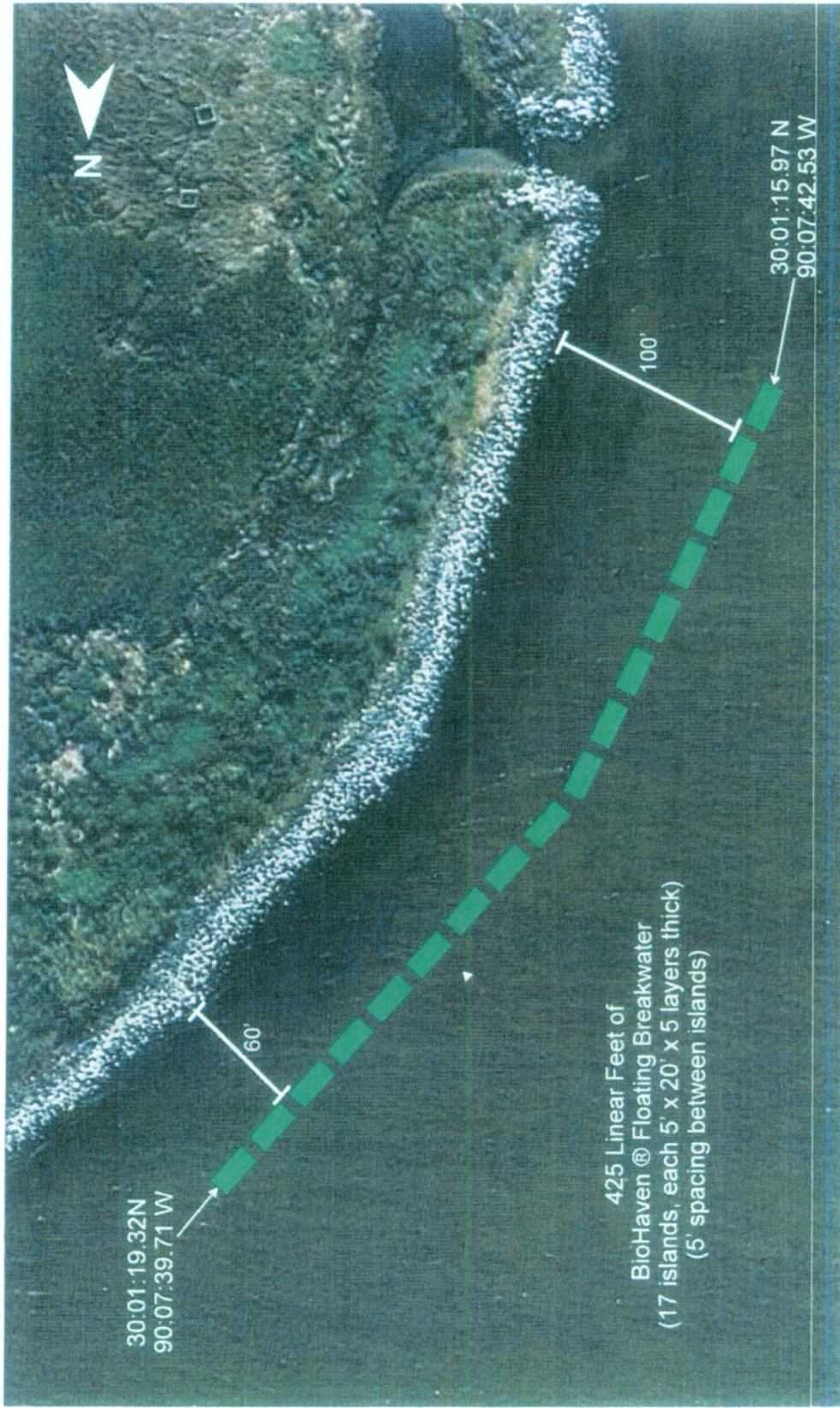


VICINITY MAP 1



Jefferson Parish Department of Environmental Affairs
Bucktown Wetland Restoration Project

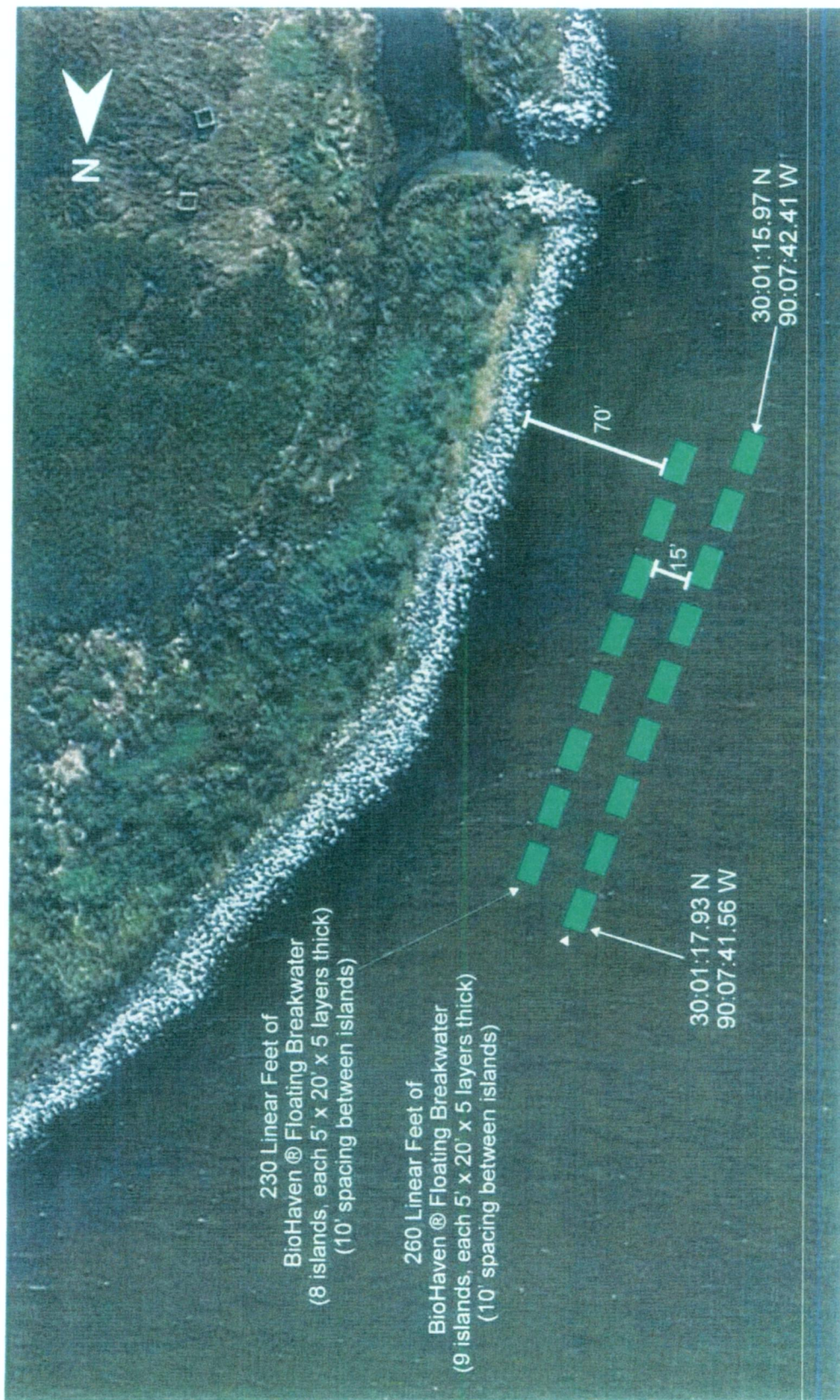


Jefferson Parish - Bucktown Marina

Site Location
Island Layout - Option #1

DATE October 17, 2012 DWG No. 1 of 5

Martin Ecosystems
5819 McQuinn Dr. Baton Rouge, LA 70809
(225) 292-6750

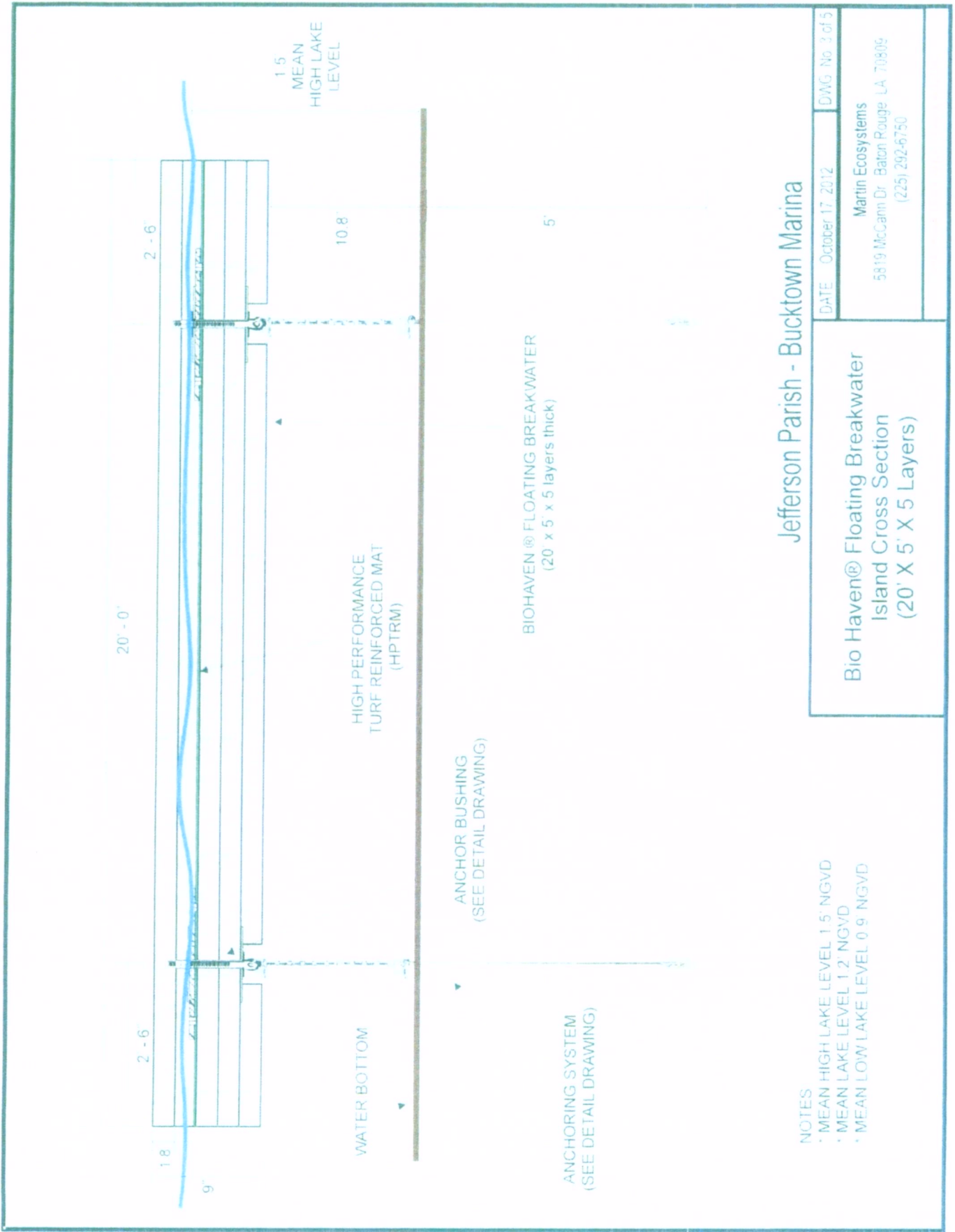


Jefferson Parish - Bucktown Marina

Site Location
Island Layout - Option #2

DATE: October 17, 2012 DWG No. 2 of 5

Martin Ecosystems
5819 McCann Dr. Baton Rouge, LA 70809
(225) 292-6750



Jefferson Parish - Bucktown Marina

NOTES

- * MEAN HIGH LAKE LEVEL 1.5' NGVD
- * MEAN LAKE LEVEL 1.2' NGVD
- * MEAN LOW LAKE LEVEL 0.9' NGVD

Bio Haven® Floating Breakwater
Island Cross Section
(20' X 5' X 5 Layers)

DATE: October 17, 2012

DWG No. 3 of 5

Martin Ecosystems

5819 McCann Dr. Baton Rouge, LA 70809
(225) 292-6750

BIOHAVEN FLOATING BREAKWATER ISLAND

FORGED SHOULDER EYE BOLT
STAINLESS STEEL T-316
1/2" - #13 X 6" L

DOUBLE NUT W/ THREADLOCK

12" X 12" X 3/8"
UHMW PLATE

HIGH PERFORMANCE
TURF REINFORCED MAT
(HPTRM)

6" SS PLATE WITH
3/4" HOLE

2" SS WASHER

5/8" FOAM ACCESS
HOLE (TYP)

1/4" FILLET WELD
(ALL AROUND)(TYP)

1" SCH 40 SS TUBE 1.05" ID
1.30" OD 3.50" LENGTH

2" SS WASHER

6" SS PLATE WITH 3/4" HOLE

5/16" SS BOW SHACKLE CONNECTION

Jefferson Parish - Bucktown Marina

Anchor Bushing Detail
Cross Section

DATE: October 17, 2012

DWG No. 4 of 5

Martin Ecosystems
5819 McCann Dr. Baton Rouge, LA 70809
(225) 292-6750

5/16" Bow Shackle
(connect to Forged Shoulder Eye Bolt
on anchor bushing)

3/8" 316 Stainless Chain

5/16" Bow Shackle

Eye Nut

Threaded Anchor Rod
(With extension anchor rod pieces if necessary)

MR-1 Anchor Head

Jefferson Parish - Bucktown Marina

DATE: October 17, 2012		DWG No. 5 of 5
Anchoring System Detail		
Martin Ecosystems 5819 McCann Dr. Baton Rouge, LA 70809 (225) 292-6750		