Illinois Department of
Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
http://dnr.state.il.us

Pat Quinn, Governor
Marc Miller, Director

Office of Water Resources, Michael A. Bilandic Building, 160 N. LaSalle Street, Suite S-700
Chicago, IL 60601 Phone: 312/793-3123 Fax: 312/793-5968

PUBLIC NOTICE

To Modify an Existing Revetment and Submerged Reef at North Point Marina by the Illinois Department of Natural Resources, in Lake Michigan, in Winthrop Harbor, Illinois in Lake County

The Illinois Department of Natural Resources, One Natural Resources Way, Springfield, Illinois 62702 has applied for an Illinois Department of Natural Resources, Office of Water Resources' (IDNR/OWR) Permit to extend and modify an existing revetment and submerged reef in Lake Michigan at the south and east side of the North Point Marina, south parking lot, 701 North Point Drive, Winthrop Harbor, Illinois 60098.

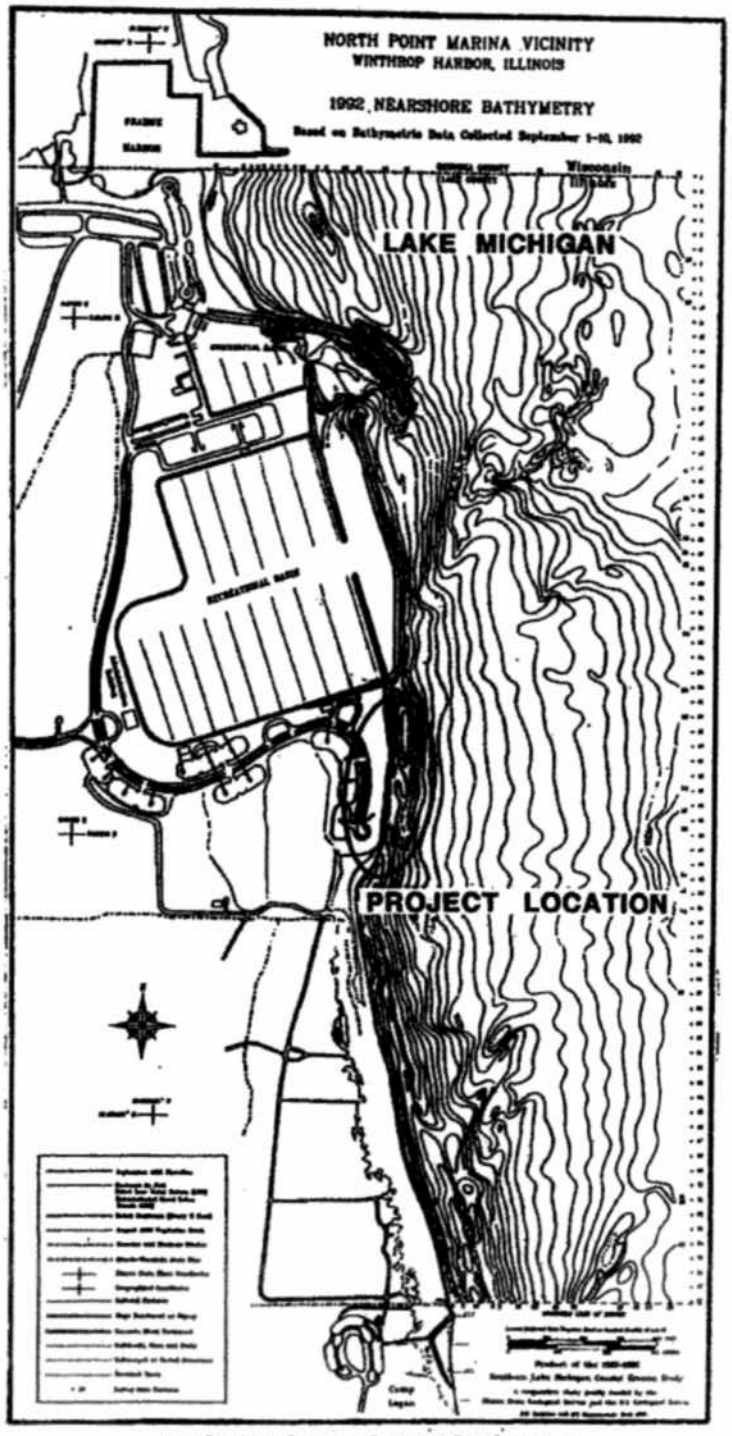
The purpose of the proposed project is to protect North Point Marina's south parking lot from any further erosion and undermining. To accomplish this, the applicant proposes to extend the existing submerged reef approximately 250 ft. to the south. The crest of the new section of reef will be approximately 16 ft. wide with an elevation of 575 ft International Great Lakes Datum 1985 adjusted (IGLD-85). The proposed revetment will start at the southern end of the existing revetment and will wrap around the remaining eastern and southern sides of the south parking lot. The new revetment will incorporate existing material from past shore protection projects located at the site. The revetment will be approximately 650 ft. long and will have an approximate crest elevation of 591 IGLD-85. A location map and plans are attached to this notice.

No work is to start on this project unless and until such a time that the permit is issued.

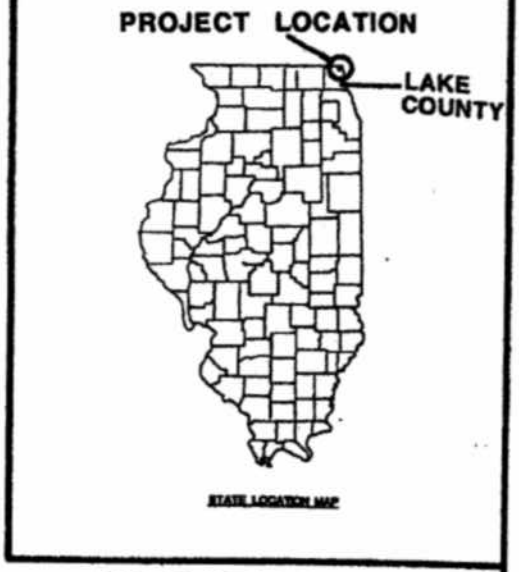
Plans for the work may be seen at the IDNR/OWR, Chicago Office, Michael A. Bilandic Building, 160 N. LaSalle Street, Suite S-703, Chicago, Illinois 60601. Inquires and requests to review the plans may be directed to Jim Casey of the Chicago Office at (312) 793-5947.

You are invited to send written comments regarding the work to the Chicago Office by October 5, 2012.

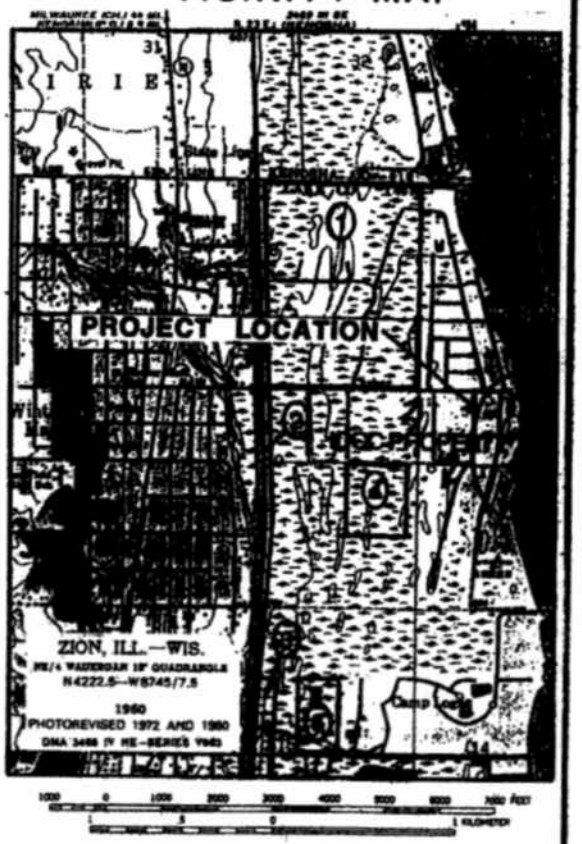
September 6, 2012



EXISTING SITE CONDITIONS, 1992



VICINITY MAP



LIST OF ADJACENT PROPERTY OWNERS

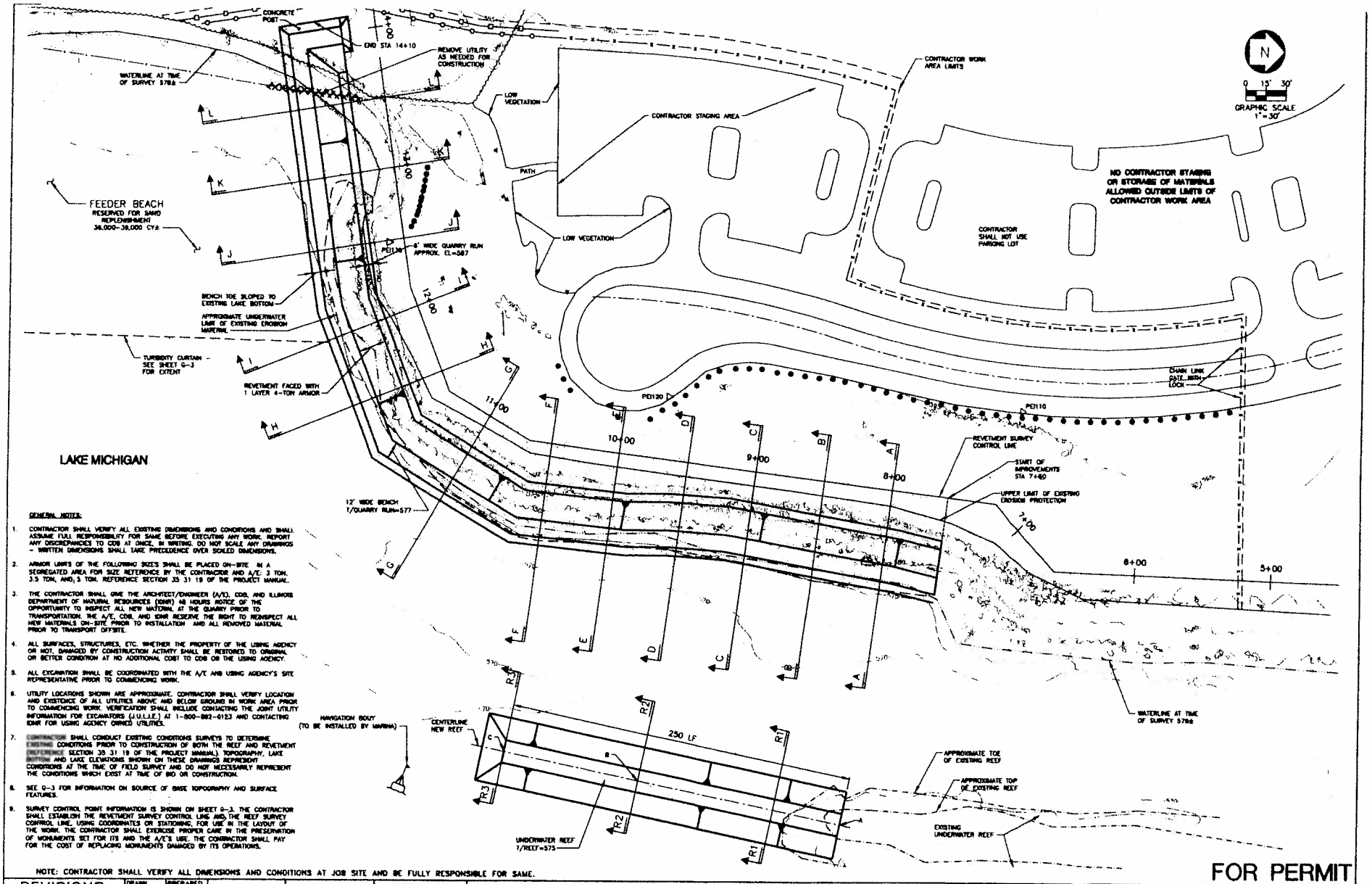
NO.	NAME	ADDRESS
1.	LAKE COUNTY FOREST PRESERVE,	1899 WEST WINCHESTER ROAD, LIBERTYVILLE, IL 60048
2.	UNION PACIFIC RAILROAD CO.,	1400 DOUGLAS STREET, OMAHA, NE 68179
3.	COMED,	10 S DEARBORN STREET, CHICAGO, IL 60603
4.	NORTH SHORE SANITARY DISTRICT,	P.O. BOX 750, WM. KOEPSEL DRIVE, GURNEE, IL 60031
5.	LAKE COUNTY PUBLIC WATER DISTRICT,	500 17TH ST., ZION, IL 60099
6.	PRAIRIE YACHT CLUB,	12800 LAKESHORE DR., PLEASANT PRAIRIE, WI 53158

PROJECT DESCRIPTION:

NORTHPOINT MARINA SHORELINE PROTECTION

LOCATION:

WINTHROP HARBOR LAKE COUNTY, ILLINOIS



GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND SHALL ASSUME FULL RESPONSIBILITY FOR SAME BEFORE EXECUTING ANY WORK. REPORT ANY DISCREPANCIES TO CDB AT ONCE, IN WRITING. DO NOT SCALE ANY DRAWINGS - WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
2. ARMOR UNITS OF THE FOLLOWING SIZES SHALL BE PLACED ON-SITE IN A SEGREGATED AREA FOR SIZE REFERENCE BY THE CONTRACTOR AND A/E: 3 TON, 3.5 TON, AND 5 TON. REFERENCE SECTION 35 31 19 OF THE PROJECT MANUAL.
3. THE CONTRACTOR SHALL GIVE THE ARCHITECT/ENGINEER (A/E), CDB, AND ILLINOIS DEPARTMENT OF NATURAL RESOURCES (IDNR) 48 HOURS NOTICE OF THE OPPORTUNITY TO INSPECT ALL NEW MATERIAL AT THE QUARRY PRIOR TO TRANSPORTATION. THE A/E, CDB, AND IDNR RESERVE THE RIGHT TO REINSPECT ALL NEW MATERIALS ON-SITE PRIOR TO INSTALLATION AND ALL REMOVED MATERIAL PRIOR TO TRANSPORT OFFSITE.
4. ALL SURFACES, STRUCTURES, ETC. WHETHER THE PROPERTY OF THE USING AGENCY OR NOT, DAMAGED BY CONSTRUCTION ACTIVITY SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO CDB OR THE USING AGENCY.
5. ALL EXCAVATION SHALL BE COORDINATED WITH THE A/E AND USING AGENCY'S SITE REPRESENTATIVE PRIOR TO COMMENCING WORK.
6. UTILITY LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION AND EXISTENCE OF ALL UTILITIES ABOVE AND BELOW GROUND IN WORK AREA PRIOR TO COMMENCING WORK. VERIFICATION SHALL INCLUDE CONTACTING THE JOINT UTILITY INFORMATION FOR EXCAVATORS (J.U.L.I.E.) AT 1-800-892-0123 AND CONTACTING IDNR FOR USING AGENCY OWNED UTILITIES.
7. CONTRACTOR SHALL CONDUCT EXISTING CONDITIONS SURVEYS TO DETERMINE EXISTING CONDITIONS PRIOR TO CONSTRUCTION OF BOTH THE REEF AND REVETMENT (REFERENCE SECTION 35 31 19 OF THE PROJECT MANUAL). TOPOGRAPHY, LAKE BOTTOM AND LAKE ELEVATIONS SHOWN ON THESE DRAWINGS REPRESENT CONDITIONS AT THE TIME OF FIELD SURVEY AND DO NOT NECESSARILY REPRESENT THE CONDITIONS WHICH EXIST AT TIME OF BID OR CONSTRUCTION.
8. SEE G-3 FOR INFORMATION ON SOURCE OF BASE TOPOGRAPHY AND SURFACE FEATURES.
9. SURVEY CONTROL POINT INFORMATION IS SHOWN ON SHEET G-3. THE CONTRACTOR SHALL ESTABLISH THE REVETMENT SURVEY CONTROL LINE AND THE REEF SURVEY CONTROL LINE, USING COORDINATES OR STATIONING, FOR USE IN THE LAYOUT OF THE WORK. THE CONTRACTOR SHALL EXERCISE PROPER CARE IN THE PRESERVATION OF MONUMENTS SET FOR ITS AND THE A/E'S USE. THE CONTRACTOR SHALL PAY FOR THE COST OF REPLACING MONUMENTS DAMAGED BY ITS OPERATIONS.

NOTE: CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

FOR PERMIT

REVISIONS					
NO.	DATE	REMARKS	DRAWN EJB	PREPARED TJH/JP DFT	
			WAGED	APPROVED	
			CHECKED JP	APPROVED GFG	

PATRICK ENGINEERING
4970 VARSITY DRIVE
LISLE, ILLINOIS 60532

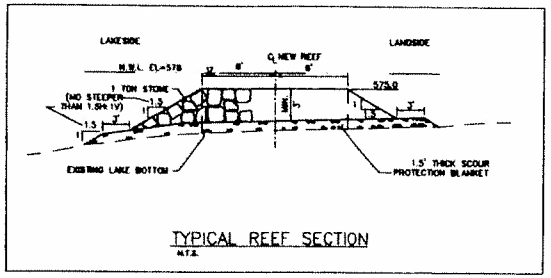
CAPITAL DEVELOPMENT BOARD

State of Illinois
Pat Quinn, Governor

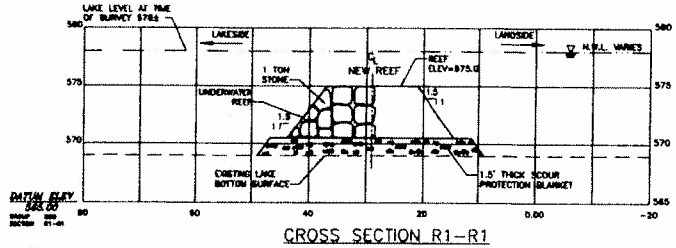
SOUTH REEF AND REVETMENT PLAN

STABILIZE SHORELINE
ILLINOIS DEPARTMENT OF NATURAL RESOURCES
IDNR FILE # 2-11-005
ILLINOIS BEACH STATE PARK

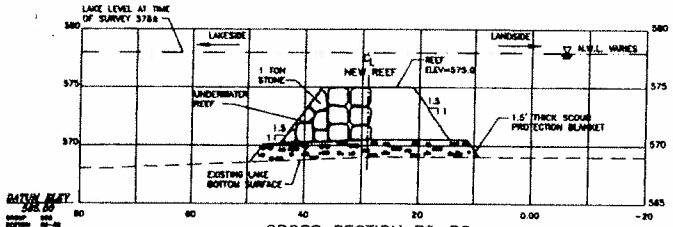
PROJECT NO. 102-311-094
DATE 08/10/12
SHEET NO. C-1
4 OF 10 SHEETS



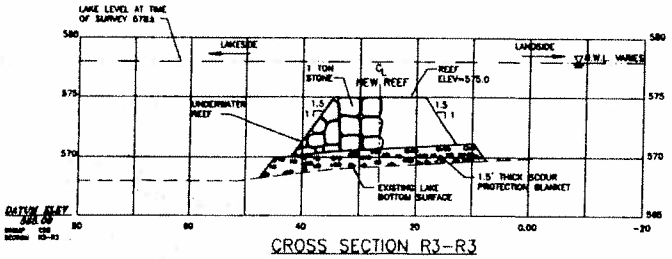
TYPICAL REEF SECTION
N.T.S.



CROSS SECTION R1-R1

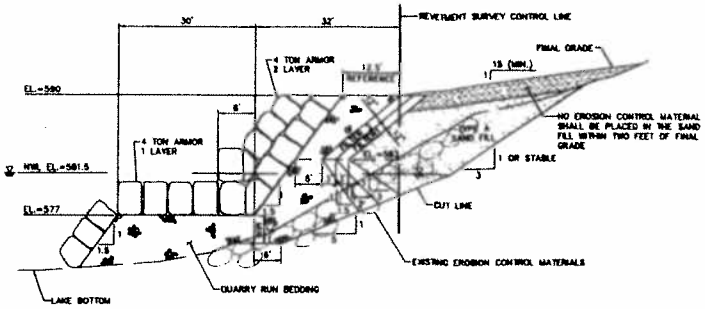


CROSS SECTION R2-R2



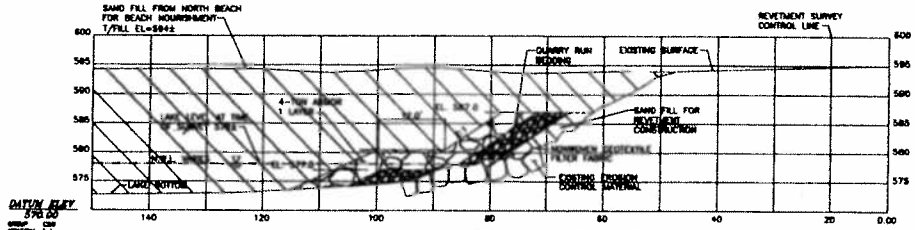
CROSS SECTION R3-R3

SCALE:
HORIZONTAL 1"=10'
VERTICAL 1"=5'

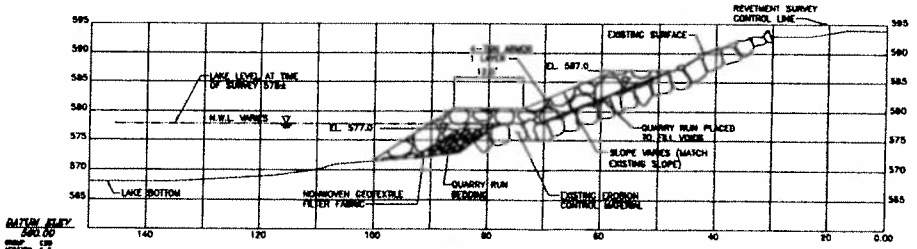


TYPICAL EXISTING REVETMENT CROSS-SECTION
N.T.S.

NOTE: EXISTING REVETMENT SECTION SHOWN FOR INFORMATION ONLY. TO BE INCLUDED IN PERMIT SET ONLY.



TYPICAL REVETMENT CROSS SECTION TYPE A STA 12+60 TO STA 13+50



TYPICAL REVETMENT CROSS SECTION TYPE B STA 7+50 TO STA 12+60

NOTES:

1. FINAL SAND GRADE SHALL BE AS SHOWN ON DRAWING C-1.
2. EXISTING EROSION CONTROL MATERIALS IN AREAS OF REVETMENT CONSTRUCTION SHALL BE LEFT IN PLACE.
3. FOUR TON ARMOR STONE SHALL BE INDIVIDUALLY PLACED AND SET IN A STABLE ORIENTATION (EACH UNIT). DUMPING METHODS SHALL NOT BE USED.
4. EACH INDIVIDUAL ARMOR STONE SHALL INTERLOCK WITH ADJACENT ARMOR STONES.

SCALE:
HORIZONTAL 1"=10'
VERTICAL 1"=10'

FOR PERMIT

NOTE: CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE AND BE FULLY RESPONSIBLE FOR SAME.

REVISIONS				
NO.	DATE	REMARKS	DRAWN AC	PREPARED TJH/JP DFE
			TRACED	APPROVED
			CHECKED JP	APPROVED DFE

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4970 VARSITY DRIVE
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REEF CROSS SECTIONS

STABILIZE SHORELINE
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ILLINOIS BEACH STATE PARK

PROJECT NO. 102-311-094
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5 OF 10 SHEETS