PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:
Public Notice Number: NAN-2011-01075-ETA
Issue Date: November 16, 2012
Expiration Date: December 16, 2012

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

APPLICANT Town of Islip
655 Main Street
Islip, NY 11751

ACTIVITY: Ten Year Maintenance Dredging with Upland Disposal; Ten Year Permit Duration to Construct a Pier Assembly; and Replace Bulkhead in East Islip Marina

WATERWAY: Great South Bay

LOCATION: East Islip, Suffolk County, New York.

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267) , requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations being conducted and will be concluded prior to the final decision.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, 41 State Street, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 970-8521 and ask for Frank Tangorra.

In order for us to better serve you, please complete our Customer Service Survey located at: http://per2.Nwp.usace.army.mil/survey.html

For more information on New York District Corps of Engineers programs, visit our website at http://www.nan.usace.army.mil

Jodi M. McDonald
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, Town of Islip, has requested Department of the Army authorization for ten year maintenance dredging with upland disposal; construction of a pier assembly; and replacement of bulkhead in East Islip Marina in Great South Bay, East Islip, Suffolk County, New York.

The work would involve:

1. Ten year maintenance dredging of approximately 5,180 cubic yards of material from an irregular shaped area within the south marina basin and throughout the northern dock area to a depth of 6 feet below mean low water; with placement of a portion of the dredged material as backfill behind the bulkhead and the remaining material would be placed in a state-approved upland location.

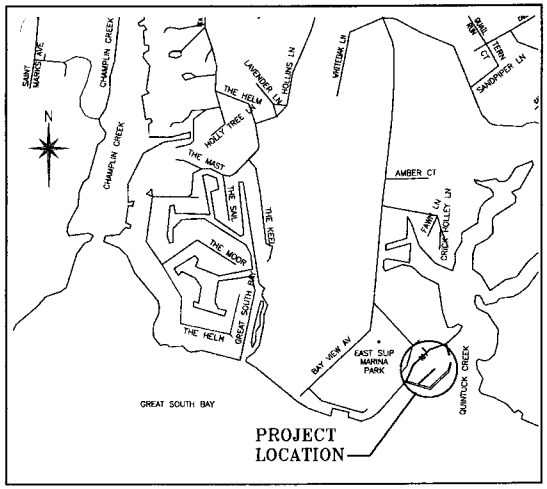
2. Construction of an 8-foot-wide by 7.2-foot-long platform; a 3-foot-wide by 16-foot-long aluminum gangway; and an 8-foot-wide by 360-foot-long floating pier.

3. Replace, in-place, 3,457 linear feet of bulkhead; two existing concrete boat ramps; and 286 mooring piles.

4. Installation of 12 mooring piles.

The applicant has stated that they have avoided, minimized, and mitigated for impacts proposed to the maximum extent practicable by limiting dredging and construction to the smallest area practicable; and the impacts are only temporary.

The stated purpose of this project is to maintain and improve the existing East Islip Marina.



LOCATION MAP
SCALE 1" = 800'±

GENERAL NOTES

1. ATTENTION CONTRACTOR: ALL CONSTRUCTION SHALL BE COMPLETED WITHIN THE TIME FOR COMPLETION STATED IN THE CONTRACT. FAILURE TO MEET THIS DEADLINE MAY RESULT IN A PENALTY AS DEFINED IN THE CONTRACT AGREEMENT.
2. ANY DEBRIS OR EXCESS MATERIAL FROM CONSTRUCTION OF THIS PROJECT SHALL BE COMPLETELY REMOVED FROM THE ADJACENT AREA (UPLAND) AND REMOVED TO AN APPROVED UPLAND AREA FOR DISPOSAL. NO DEBRIS IS PERMITTED IN TIDAL WETLANDS AND OR PROTECTED BUFFER AREAS.
3. THERE SHALL BE NO DISTURBANCE TO VEGETATED TIDAL WETLANDS OR PROTECTED BUFFER AREAS AS A RESULT OF THE PERMITTED ACTIVITY.
4. ALL AREAS OF SOIL DISTURBANCE RESULTING FROM THIS PROJECT SHALL BE STABILIZED IMMEDIATELY FOLLOWING NECESSARY EARTHWORK & GRADING OPERATIONS.
5. THE STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE CONFINED TO WITHIN THE PROJECT WORK SITE AND OR UPLAND AREAS GREATER THAN 75 LINEAR FEET FROM THE TIDAL WETLAND BOUNDARY (BULKHEAD).
6. ALL DISTURBED AREAS WHERE SOIL WILL BE TEMPORARILY EXPOSED OR STOCKPILED FOR LONGER THAN ONE (1) WEEK SHALL BE CONTAINED BY A CONTINUOUS LINE OF STAKED HAY BALES/SILT CURTAIN (OR OTHER NYSDEC APPROVED METHOD) PLACED ON THE SEAWARD SIDE IN-BETWEEN THE FILL AND WETLAND OR PROTECTED BUFFER AREA. TARPS ARE AUTHORIZED TO SUPPLEMENT THESE APPROVED METHODS.
7. IF SEEDING IS IMPRACTICAL DUE TO THE TIME OF YEAR, A TEMPORARY MULCH MUST BE APPLIED AND FINAL SEEDING PERFORMED AT THE EARLIEST OPPORTUNITY WHEN WEATHER CONDITIONS FAVOR GERMINATION AND GROWTH, BUT NOT MORE THAN SIX MONTHS AFTER PROJECT COMPLETION.
8. ANY NECESSARY FILL SHALL CONSIST OF "CLEAN" SAND, GRAVEL, OR SOIL (NOT ASPHALT, FLYASH, BROKEN CONCRETE OR DEMOLITION DEBRIS).
9. THE PROPOSED BULKHEAD SHALL BE COMPLETED PRIOR TO PLACEMENT OF ANY FILL MATERIAL BEHIND THE STRUCTURE.
10. PRIOR TO ANY CONSTRUCTION OR REMOVAL OF BULKHEADS ALL BACKFILL SHALL BE EXCAVATED LANDWARD OF THE BULKHEAD AND RETAINED SO AS NOT TO ENTER THE WATERWAY, TIDAL WETLAND OR PROTECTED BUFFER AREA.

TOWN OF ISLIP
1683
FIDE SED CUI VIDE
SUFFOLK CO. N.Y.

TOWN OF ISLIP
DEPARTMENT OF
PLANNING AND DEVELOPMENT
PLANS FOR

EAST ISLIP MARINA PARK
BULKHEAD IMPROVEMENTS

BAYVIEW AVENUE, EAST ISLIP, NY
PROJECT NO. DPD 2-12

FEBRUARY, 2012

TOWN SUPERVISOR
TOM CROCI

TOWN COUNCIL

STEVEN J. FLOTTERON
JOHN C. COCHRANE, JR.
TRISH BERGIN WEICHBRODT
ANTHONY S. SENFT, JR.

INDEX

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LEGEND

DESCRIPTION	EXISTING	PROPOSED
CONCRETE PAVEMENT		
ASPHALT PAVEMENT		
WROUGHT IRON FENCE		
CHAIN LINK FENCE		
ELEVATION IN PLAN	07.50	27.52
PROPERTY LINE		
CONTOUR LINES		
DECK		
EDGE OF PAVEMENT		
CURB		
BULKHEAD		

BUILDING FOUNDATION		DIRT DRIVEWAY OR ROAD		UNDERGROUND ELECTRIC AND MANHOLE	E MANH.
SIGN, TRAFFIC, RR, ETC.				UNDERGROUND WATER	
UTILITY POLE/GUY WIRE				EXISTING DOCK HOSE BIB	HB
TREE				EXISTING LIGHT POLE	
EDGE OF WOODS					

ABBREVIATIONS

#	POUNDS
ø	DIAMETER
A.O.B.E.	AS ORDERED BY ENGINEER
ACQ	ALKALINE COPPER QUARTERNARY
ASPH.	ASPHALT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
BC	BOTTOM OF CURB
BW	BOTTOM OF WALL
C.L.F.	CHAIN LINK FENCE
CCA	CHROMATED COPPER ARSENATE
CF	CUBIC FOOT
CONIFER.	CONIFEROUS
DIAM./DIA.	DIAMETER
EA.	EACH
EL.	ELEVATION
EXIST.	EXISTING
FT.	FEET

GAL.	GALVANIZED
IN.	INCHES
M.H.W.	MEAN HIGH WATER
M.L.W.	MEAN LOW WATER
MAX.	MAXIMUM
MIN.	MINIMUM
N.I.C.	NOT IN CONTRACT
N.G.V.D.	NATIONAL GEODETIC VERTICAL DATUM
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
O.H.	OVERHEAD
PROP.	PROPOSED
PVC	POLYVINYL CHLORIDE
SQ	SQUARE
TC	TOP OF CURB
TYP.	TYPICAL
W/	WITH
W/ OUT	WITHOUT

PREPARED AND RECOMMENDED BY: LKMA L. K. McLEAN ASSOCIATES, P.C.
437 SOUTH COUNTRY RD. BROOKHAVEN, NY 11719

PREPARED BY: _____ DATE: _____
PRINCIPAL
RAYMOND G. DIBIASE, PE – NYSPE Lic. No. 56985

RECOMMENDED BY: _____ DATE: _____
DEPARTMENT OF PARKS, RECREATION AND CULTURAL AFFAIRS
JOSEPH MONTOURI, COMMISSIONER

APPROVED BY: _____ DATE: _____
TOWN ENGINEER
DAVE JANOVER, PE, F. NSPE

NAN-2011-01075-ETA

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON FROM ALTERING ANYTHING ON THE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS ITS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWING AND/OR IN THE SPECIFICATION (NYS ED. LAW SECTION 7209-2).

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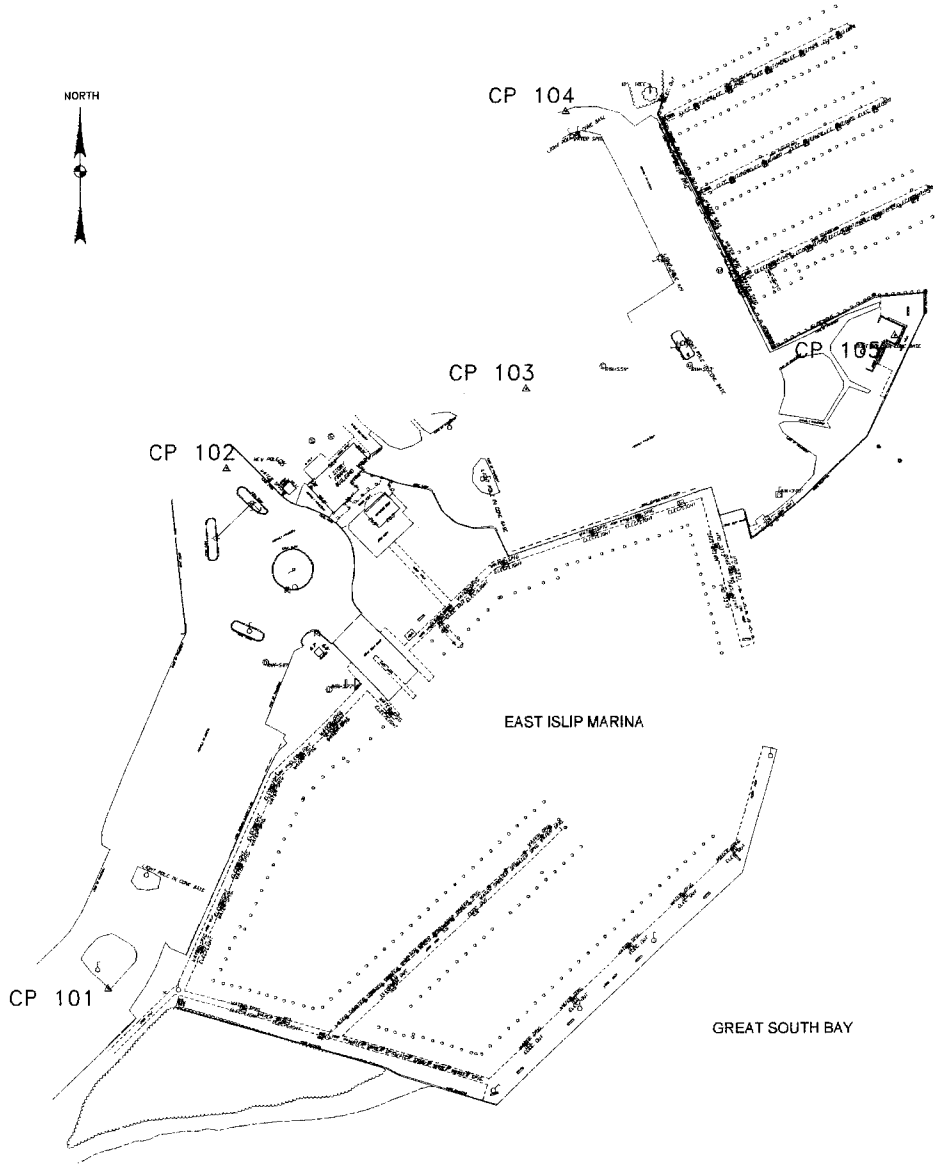

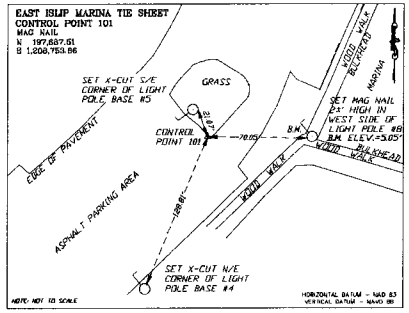

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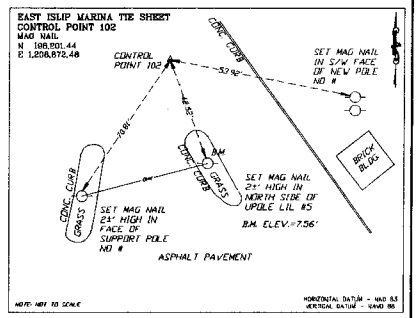

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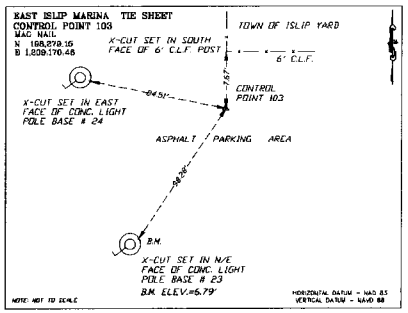

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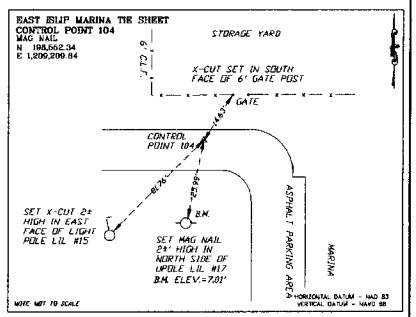

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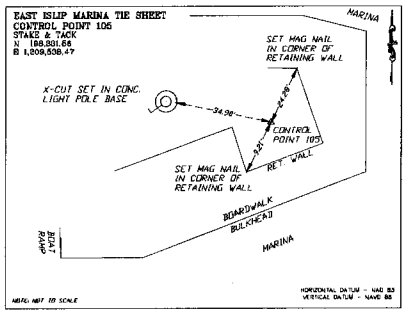

CONTROL POINT 105

GRAPHIC SCALE

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(IN FEET)

DATE	BY	DESCRIPTION	APPROV. BY
		REVISIONS	

LKMA

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT

EAST ISLIP MARINA
EAST ISLIP, NEW YORK

SURVEY STAKEOUT PLAN

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

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Approved By:	RCD	File No.	11087.000	

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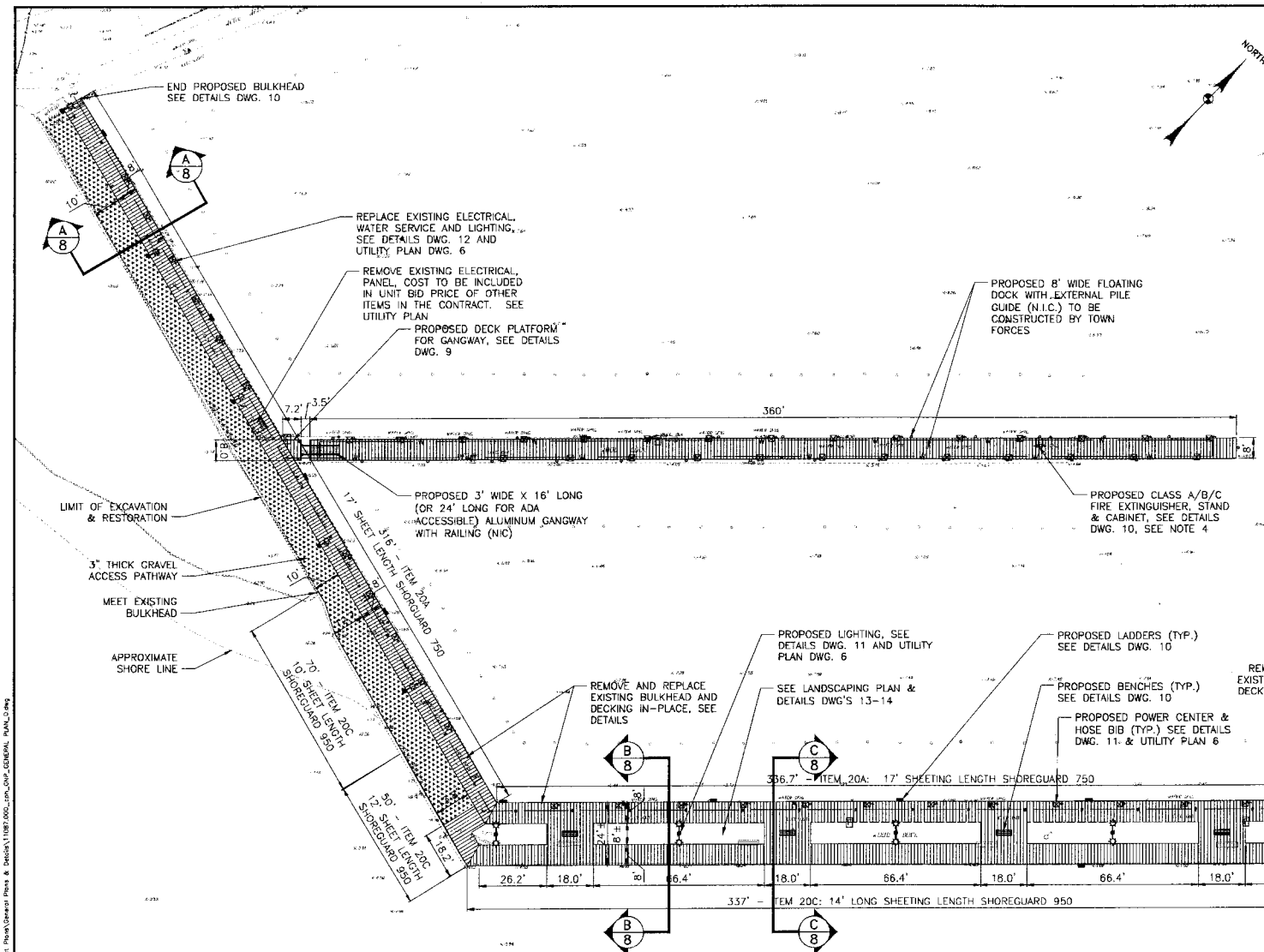

NOTES:

1. VERTICAL DATUM = NGVD 88
2. REPLACE BOAT CLEATS (2 PER SLIP). SEE BOAT CLEATS DETAIL.
3. CONTRACTOR TO PROVIDE THE TOWN WITH 300SF OF ADDITIONAL IPE ¾"x6" DECKING AT 15'MIN. LENGTHS. THE COST OF THIS MATERIAL TO BE INCLUDED IN THE COST OF ITEM 10A. NOT TO BE INCLUDED IN QUANTITY.
4. FLOATING DOCK AND UTILITIES LOCATED ON FLOATING DOCK TO BE COMPLETED BY TOWN FORCES AND IS NOT IN THIS CONTRACT.
5. CONTRACTOR SHALL PROVIDE AND INSTALL 13 LADDERS. COST INCLUDED IN BULKHEAD ITEMS.

DATE	BY	DESCRIPTION	APPROV. BY
		REVISIONS	

NAN-2011-01075-ETA

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
EAST ISLIP MARINA
EAST ISLIP, NEW YORK

GENERAL PLAN

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

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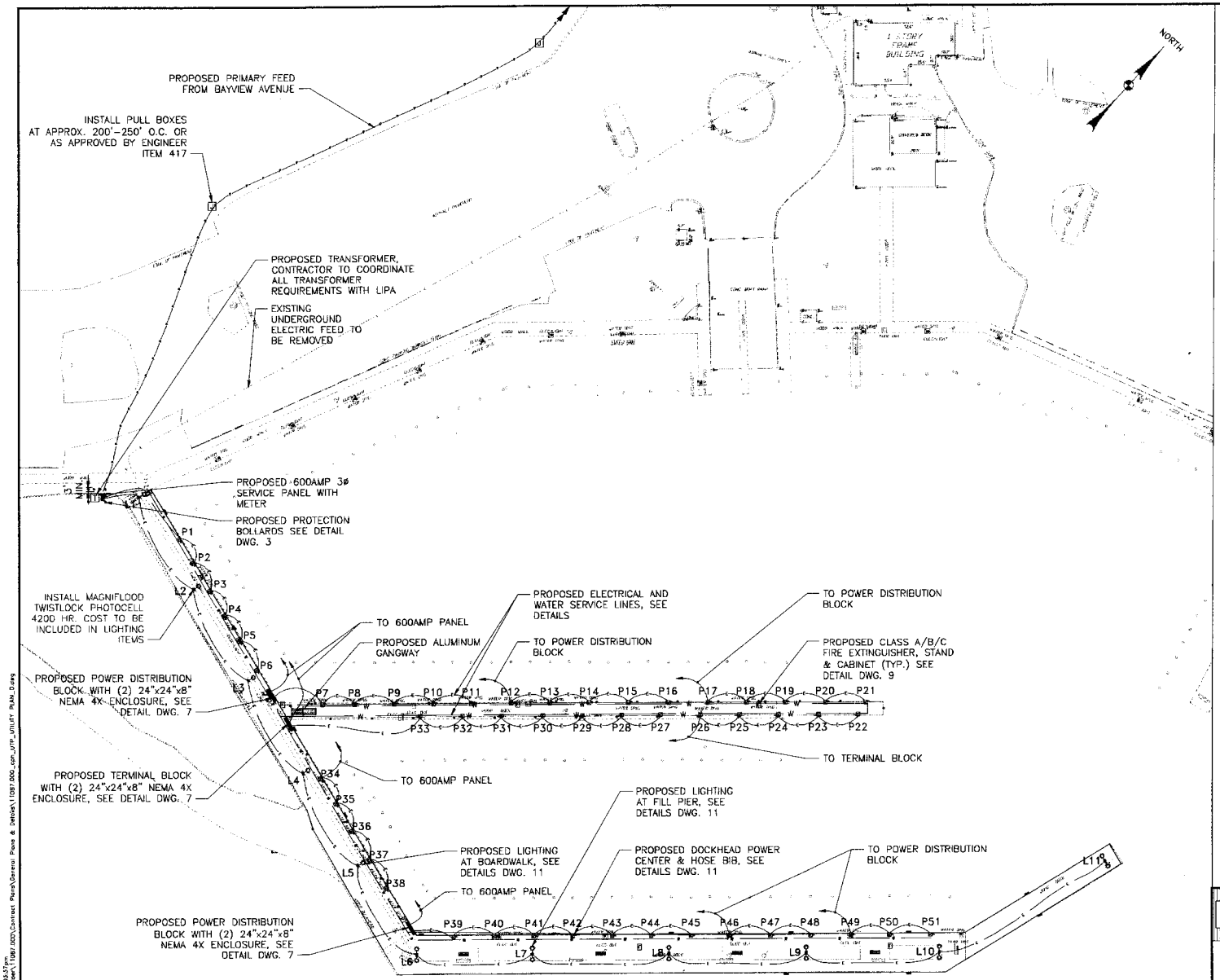

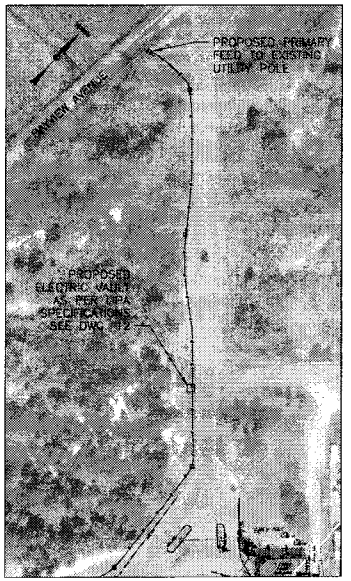

PARTIAL PLAN
SCALE 1"= 80'

LEGEND

L1	SINGLE ARM DECORATIVE LIGHTING FIXTURE: BAY SHORE MARINA POLE & LUMINAIRE WITH 100 WATT HPS LAMP SYSTEM INTEGRAL CROOKED ARMS AND POLE – ITEM 9A
L11	DOUBLE ARM DECORATIVE LIGHTING FIXTURE: BAY SHORE MARINA POLE & LUMINAIRE WITH 100 WATT HPS LAMP SYSTEM INTEGRAL CROOKED ARMS AND POLE – ITEM 9B
P1	PROPOSED POWER POST WITH 1¼"Ø HOSE BIBS ATTACHED "SEA TECHNOLOGY DOCK HEAD 1 WITH 2-30 AMP, 120 VOLT RECEPTACLES. ITEM 8-12
F	PROPOSED FIRE EXTINGUISHER, STAND & CABINET
T	PROPOSED TRANSFORMER
	PROPOSED TRANSFORMER
W	PROPOSED WATER LINE – ITEM 12
E	PROPOSED SECONDARY POWER SUPPLY
P	PROPOSED PRIMARY POWER SUPPLY
U	PROPOSED PULL BOX – ITEM 417

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			

NAN-2011-01075-ETA

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
EAST ISLIP MARINA
EAST ISLIP, NEW YORK
UTILITY PLAN

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

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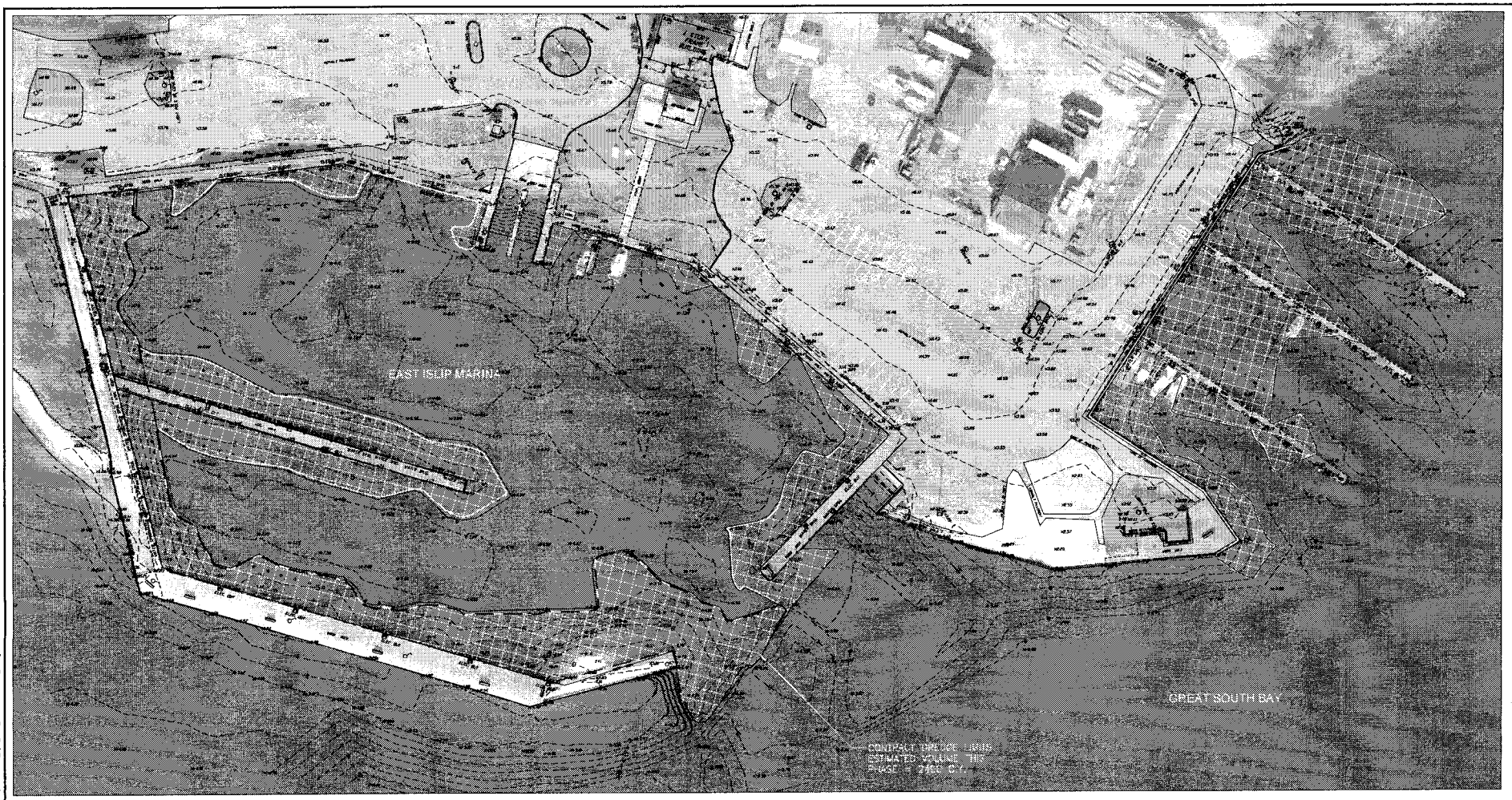

NOTE:

1. VERTICAL DATUM = NAVD 88
2. LONG TERM ESTIMATED VOLUME OF DREDGE MATERIAL REMOVED = 3,655 CY. SOUTHERN AREA
   1,525 CY NORTHERN AREA
   5,180 CY TOTAL
3. PERFORM DREDGING IN EXISTING BOAT BASIN TO A MINIMUM DEPTH TO 6 FEET BELOW MLW (MEAN LOW WATER), DREDGE SPOIL TO BE DRIED ON ADJACENT LAND AT ELEVATION 4± FEET.
4. ALL DEBRIS AND DRY SPOIL SHALL BE REMOVED AND DISPOSED OF AT APPROVED UPLAND DISPOSAL AREA NYSDEC FACILITY ID #1-4728-04677
5. BARGE MOUNTED CRANE AND/OR EARTH MOVING UPLAND CONSTRUCTION VEHICLES SHALL BE UTILIZED DURING CONSTRUCTION.

LEGEND

- LIMITS OF PROPOSED DREDGING TO ELEV. -6
- -8 — PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- CONTRACT LIMITS

NORTH

GRAPHIC SCALE

(IN FEET)

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			

LKMA

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
EAST ISLIP MARINA
EAST ISLIP, NEW YORK

DREDGING PLAN

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

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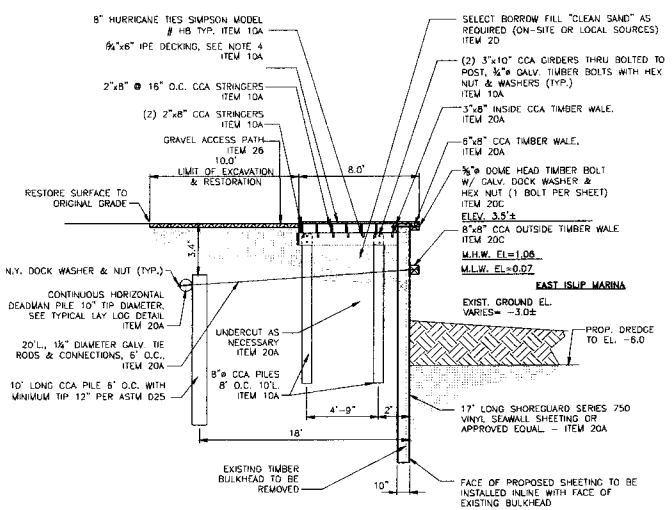
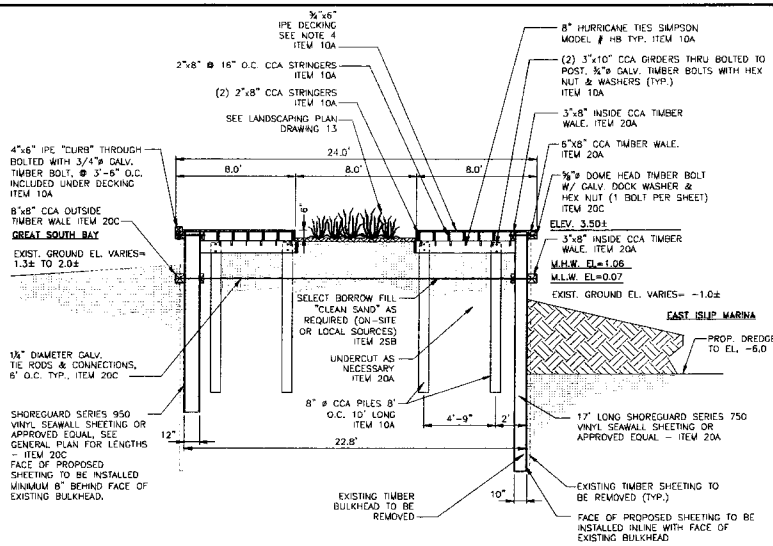


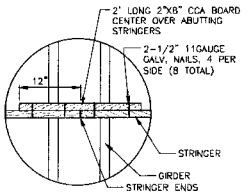
SECTION A-A
BULKHEAD (WITH DECKING)
N.T.S



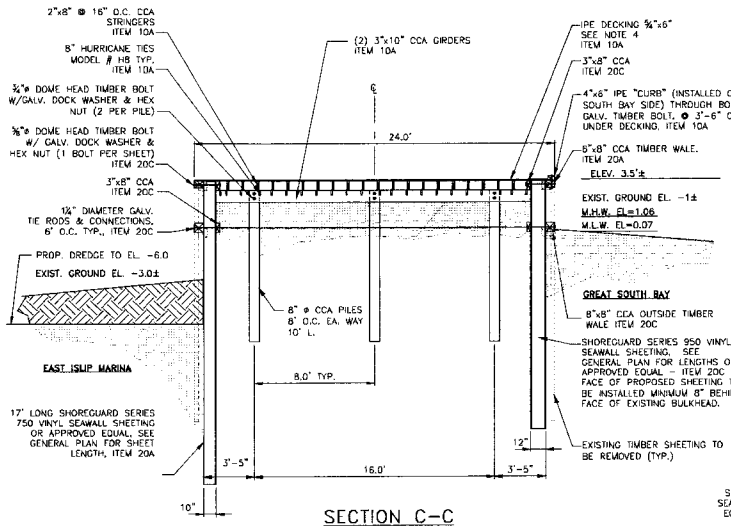
SECTION B-B
BULKHEAD/FILL PIER
(WITH DECKING & PLANTINGS)
N.T.S

NOTES:

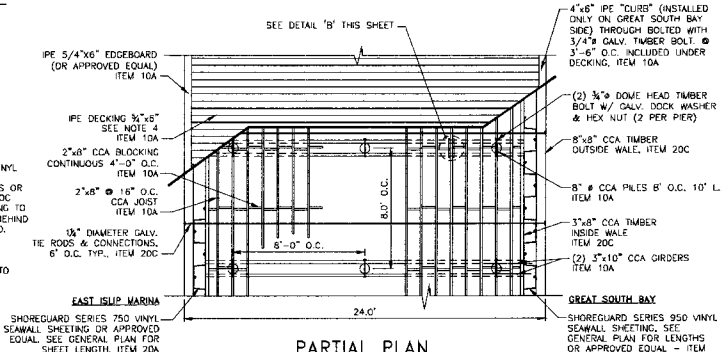
1. ALL HARDWARE FOR CCA MARINE TIMBER PINE SHALL BE HOT DIPPED GALVANIZED.
2. ALL MARINE LUMBER SHALL BE CCA AS SPECIFIED.
3. FIRST 18" OF SEAWARD END OF TIE ROD SHALL BE COATED WITH COAL TAR EPOXY.
4. IPE DECKING 5/4"x6", TO BE INSTALLED WITH ⅛" SPACING AND FASTENED WITH #8x2-½" STAINLESS STEEL SCREWS. PLANKS TO BE PRE-DRILLED ¾" FROM THE OUTSIDE EDGE AND 1-½" OFF THE ENDS OF EACH PLANK. ITEM 10A.
5. PRIOR TO REMOVAL OF EXISTING BULKHEAD, SOIL LANDWARD OF BULKHEAD SHALL BE EXCAVATED AND RETAINED SO AS NOT TO ENTER THE WATERWAY. ANY SOIL LOSS INTO THE WATERWAY SHALL BE RECOVERED AT THE EXPENSE OF THE CONTRACTOR.
6. INSTALL 8" HURRICANE TIES (SIMPSON MODEL #H8) AT EVERY INTERSECTION BETWEEN JOIST AND GIRDER.
7. 2"X8" CCA BLOCK OUTS TO BE INSTALLED CONTINUOUSLY BETWEEN DECKING STRINGERS AT MID-SPAN BETWEEN GIRDER. BLOCK OUTS MAY BE STAGGERED UP TO 4" BETWEEN ADJACENT STRINGERS.
8. FIRST 18" OF SEAWARD END OF TIE ROD SHALL BE COATED WITH COAL TAR EPOXY.
9. BULKHEAD ITEM INCLUDES REMOVAL OF ALL EXISTING BULKHEAD. (IE MULTIPLE BULKHEADS IF NECESSARY)



DETAIL B
N.T.S



SECTION C-C
BULKHEAD/FILL PIER (WITH DECKING)
(SEE PARTIAL PLAN THIS SHEET)
N.T.S



PARTIAL PLAN
BULKHEAD/FILL PIER (WITH DECKING)
N.T.S.

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
EAST ISLIP MARINA
EAST ISLIP, NEW YORK

BULKHEAD DETAILS - 1

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

Designed By:	RAS	Scale:	AS SHOWN
Drawn By:	MC	Date:	FEB. 2012
Approved By:	ROD	File No.	11087.000

Sheet No. 8

Feb 05, 2012 - 03:57pm
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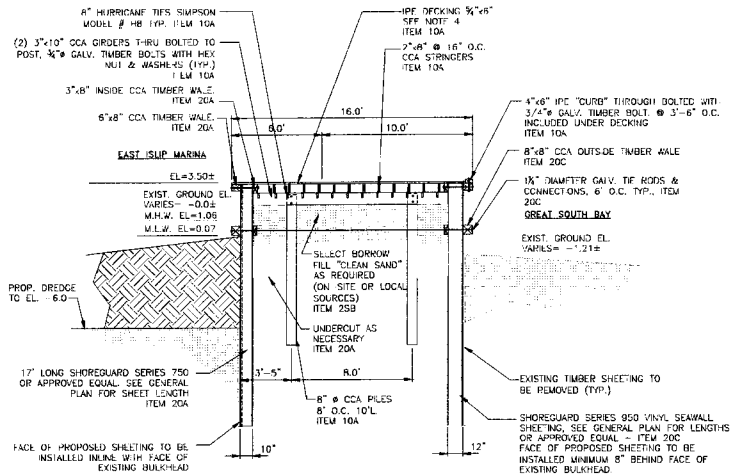
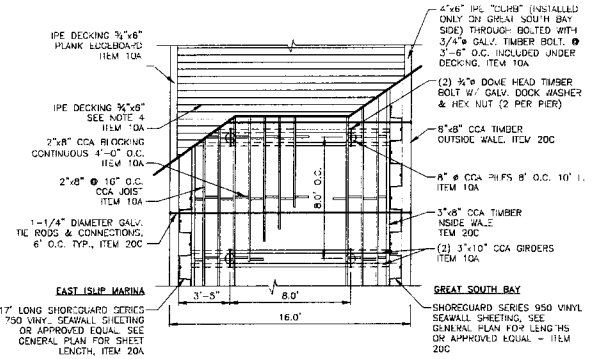


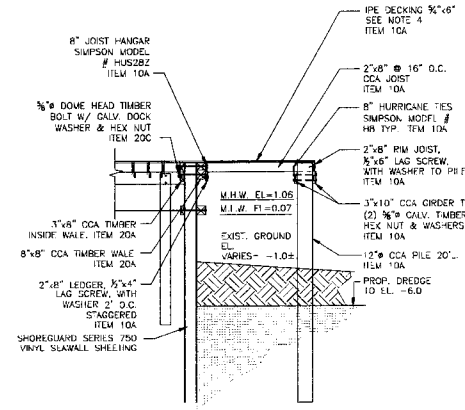
SECTION D-D
BULKHEAD/FILL PIER (WITH DECKING)
(SEE PARTIAL PLAN THIS SHEET)
N.T.S



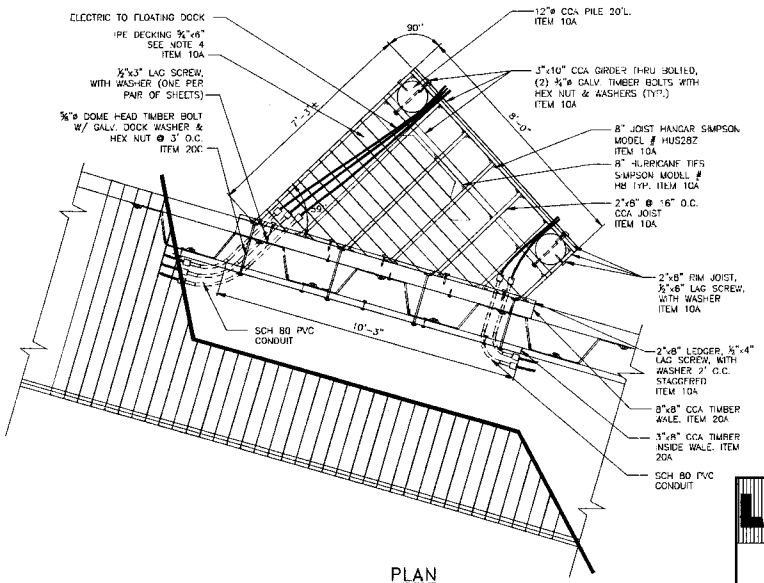
PARTIAL PLAN
BULKHEAD/FILL PIER (WITH DECKING)
N.T.S

NOTES:

1. ALL HARDWARE FOR CCA MARINE TIMBER PINE SHALL BE HOT DIPPED GALVANIZED.
2. ALL MARINE LUMBER SHALL BE CCA AS SPECIFIED.
3. "FIRST" 18" OF SEAWARD END OF TIE ROD SHALL BE COATED WITH COAL TAR EPOXY.
4. IPE DECKING ¾"x6", TO BE INSTALLED WITH ⅛" SPACING AND FASTENED WITH #8x2-½" STAINLESS STEEL SCREWS. PLANKS TO BE PRE-DRILLED ¾" FROM THE OUTSIDE EDGE AND 1-½" OFF THE ENDS OF EACH PLANK. ITEM 10A.
5. PRIOR TO REMOVAL OF EXISTING BULKHEAD, SOIL LANDWARD OF BULKHEAD SHALL BE EXCAVATED AND RETAINED SO AS NOT TO ENTER THE WATERWAY. ANY SOIL LOSS INTO THE WATERWAY SHALL BE RECOVERED AT THE EXPENSE OF THE CONTRACTOR.
6. INSTALL 8" HURRICANE TIES (SIMPSON MODEL #H8) AT EVERY INTERSECTION BETWEEN JOIST AND GIRDER.
7. 2"X8" CCA BLOCK CUTS TO BE INSTALLED CONTINUOUSLY BETWEEN DECKING STRINGERS AT MID-SPAN BETWEEN GIRDER. BLOCK CUTS MAY BE STAGGERED UP TO 4" BETWEEN ADJACENT STRINGERS.
8. FIRST 18" OF SEAWARD END OF TIE ROD SHALL BE COATED WITH COAL TAR EPOXY.
9. BULKHEAD ITEM INCLUDES REMOVAL OF ALL EXISTING BULKHEADS. (IE. MULTIPLE BULKHEADS IF NECESSARY)



PLATFORM DECK FOR GANGWAY DETAIL
(SEE PLAN THIS SHEET)
N.T.S



PLAN
PLATFORM DECK FOR GANGWAY
(SEE PLAN THIS SHEET)
N.T.S

DATE	BY	DESCRIPTION	APPROV. BY

REVISIONS

LKMA

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
EAST ISLIP MARINA
EAST ISLIP, NEW YORK
BULKHEAD DETAILS - 2

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

Designed By:	RAS	Scale:	AS SHOWN
Drawn By:	MC	Date:	FEB. 2012
Approved By:	RGD	File No.	11087.000

Sheet No. 9

Feb 08, 2012 - 8:53:19am
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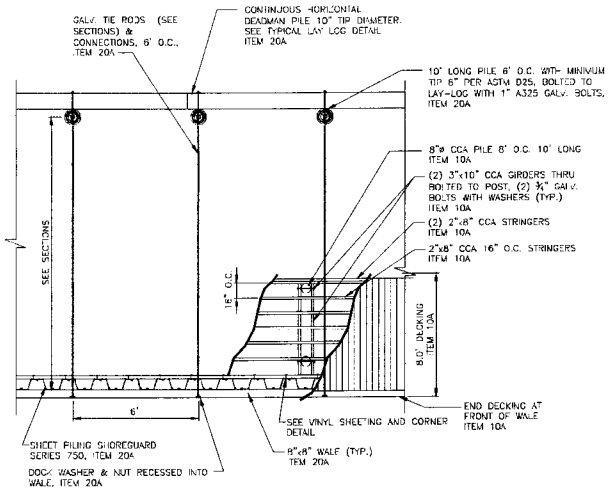
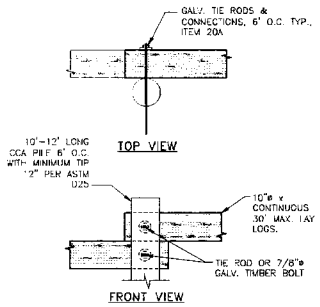


PLAN (WITH DECKING)
N.T.S.



TYPICAL LAY LOG DETAIL
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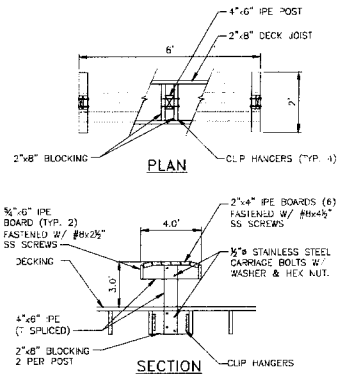
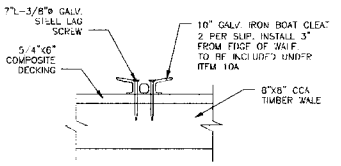


BENCH DETAIL
ITEM 13
N.T.S.



BOAT CLEATS
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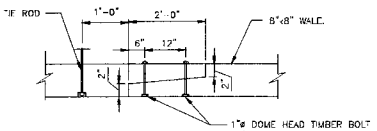

PLAN VIEW – TYPICAL WALE SPLICE
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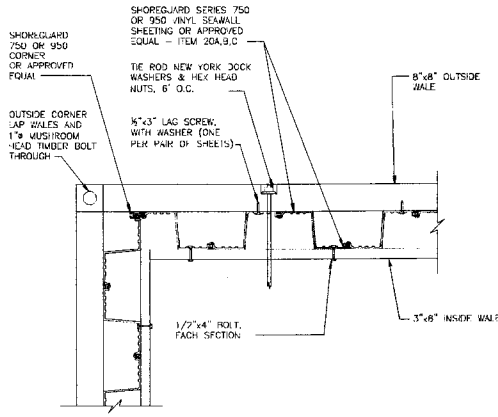
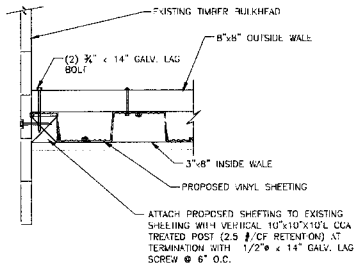
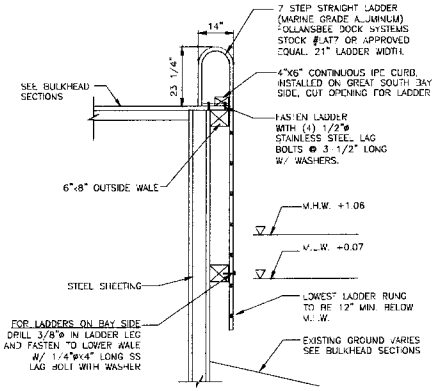


PLAN VIEW

VINYL SHEETING AND CORNER DETAIL
NTS

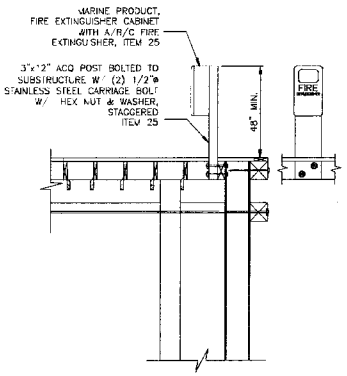


PLAN VIEW – BULKHEAD TIE-IN DETAIL
N.T.S.



SECTION VIEW

LADDER DETAIL
(PAYMENT INCLUDED UNDER BULKHEAD ITEMS)
N.T.S.



CLASS A/B/C FIRE EXTINGUISHER STAND & CABINET
N.T.S

DATE	BY	DESCRIPTION	APPROV. BY

REVISIONS

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
EAST ISLIP MARINA
EAST ISLIP, NEW YORK
BULKHEAD DETAILS - 3

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 437 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

Designed By: RAS	Scale: AS SHOWN	Sheet No.	10
Drawn By: MC	Date: FEB. 2012		
Approved By: RGD	File No. 11087.000		

Feb 06, 2012 - 03:57pm
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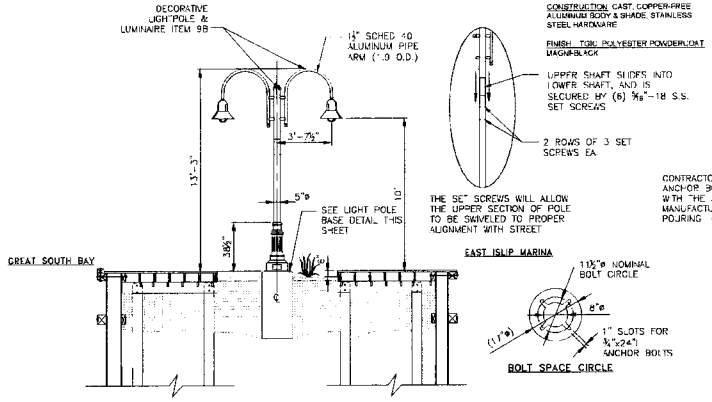

LIGHTING AT FILL PIER

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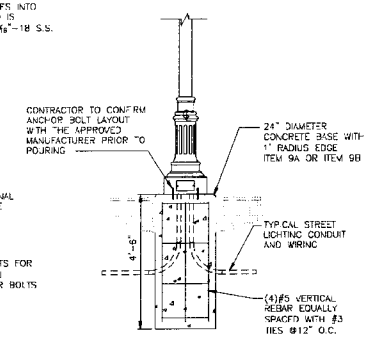

LIGHT POLE BASE

ITEM 9A OR 9B)

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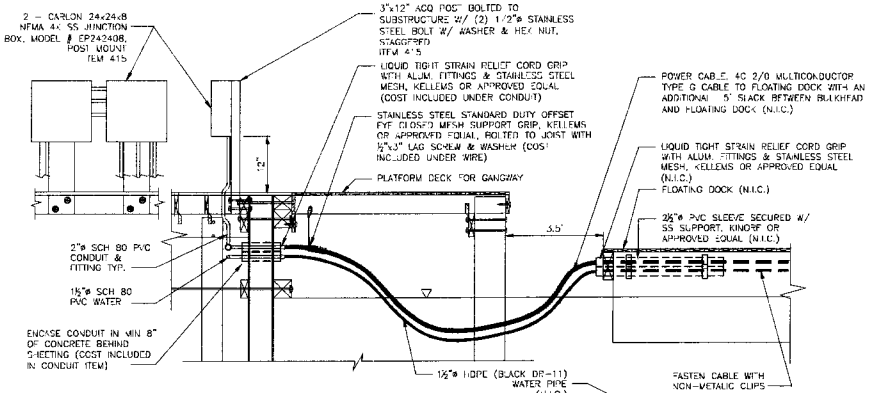
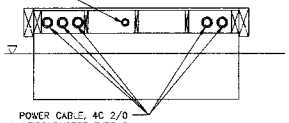
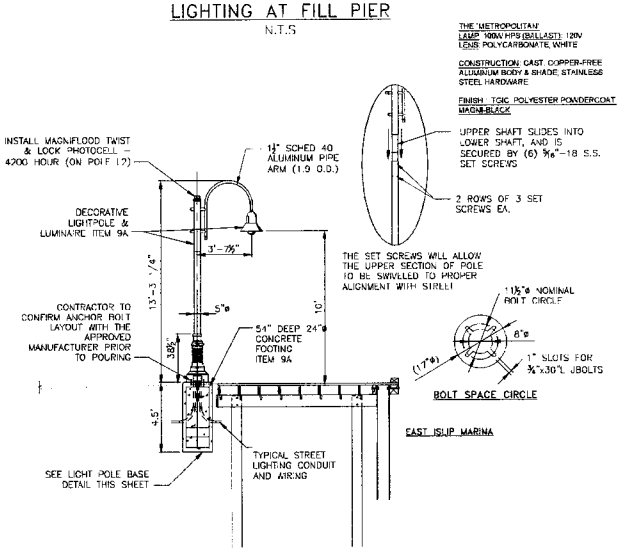


TERMINAL BLOCK ENCLOSURE & UTILITIES TO FLOATING DOCK

N.T.S



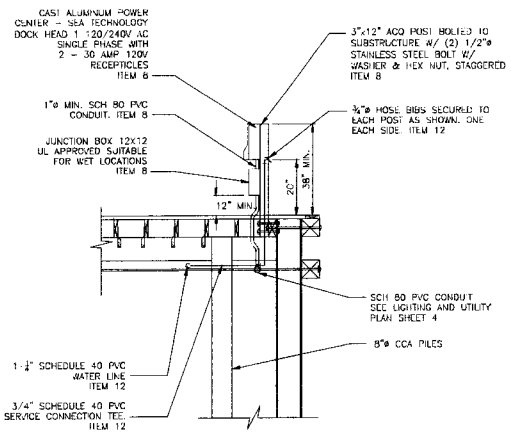
FLOATING DOCK SECTION



LIGHTING AT BOARDWALK

(COST FOR DECORATIVE LIGHT POLE & FOOTING INCLUDED UNDER ITEM 9A OR 9B)

N.T.S



DOCKHEAD POWER CENTER & HOSE BIB DETAIL

N.T.S

DATE	BY	DESCRIPTION	APPROV. BY

REVISIONS

NAN-2011-01075-ETA

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT

EAST ISLIP MARINA
EAST ISLIP, NEW YORK

UTILITY DETAILS 1

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 627 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

Designed By:	RAS	Scale:	AS SHOWN
Drawn By:	MC	Date:	FEB. 2012
Approved By:	RGD	File No.	11087.000

Sheet No. 11

Plot Date: 7/2/12 - 10:43am
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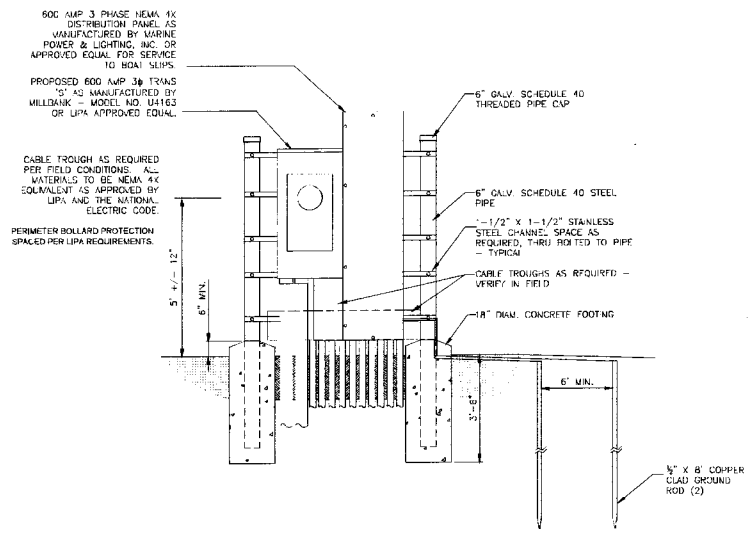

TYPICAL 600 AMP 3ϕ ELECTRICAL SERVICE
ITEM 400
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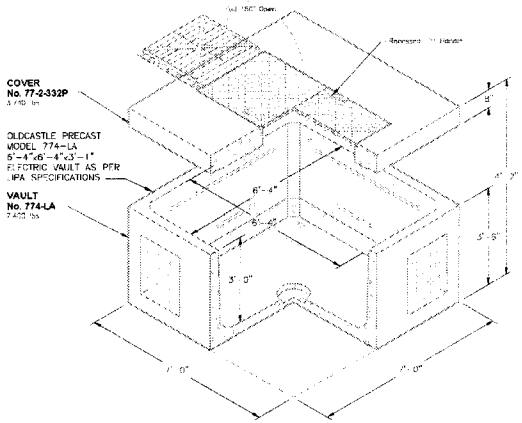

ELECTRICAL PRECAST CONCRETE VAULT
ITEM 416
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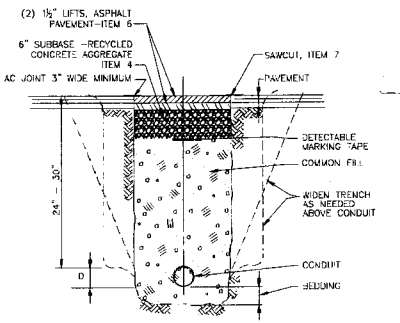

ELECTRIC TRENCH DETAIL
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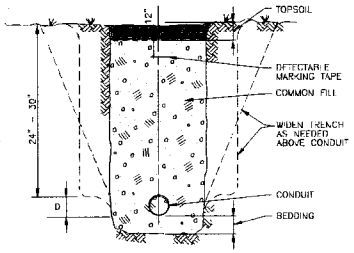

ELECTRIC TRENCH DETAIL
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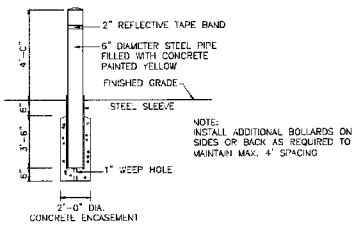

BOLLARD DETAIL
ITEM 400
NTS

DATE	BY	DESCRIPTION	APPROV. BY
		REVISIONS	

NAN-2011-01075-ETA

TOWN OF ISLIP
DEPARTMENT OF PLANNING AND DEVELOPMENT
EAST ISLIP MARINA
EAST ISLIP, NEW YORK
UTILITY DETAILS 2

L. K. McLEAN ASSOCIATES, P.C.
CONSULTING ENGINEERS 427 SOUTH COUNTRY RD., BROOKHAVEN, NEW YORK 11719

Designed By:	RAS	Scale:	AS SHOWN
Drawn By:	MC	Date:	FEB. 2012
Approved By:	RGD	File No.	11087.000

Sheet No. 12

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