NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Division of Operations | Bureau of Recreation

Meacham Lake Public Campground

Unit Management Plan Amendment

Town of Duane, Franklin County, New York

July, 2015

New York State Department of Environmental Conservation
Division of Operation 3rd Floor
625 Broadway, Albany, NY12233

Governor **ANDREW M. CUOMO** *Commissioner* **JOSEPH J. MARTENS**

OFFICE OF THE COMMISSIONER

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625 Broadway, 14th Floor, Albany, New York 12233-1010
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www.dec.ny.gov

JUL - 3 2015

MEMORANDUM

TO: The Record

FROM: Joseph J. Martens JM

SUBJECT: Meacham Lake Public Campground

The amendment to the Meacham Lake Public Campground Unit Management Plan has been completed. The amendment is consistent with Environmental Conservation Law, and Department Rules, Regulations and Policies and is hereby approved and adopted.

Amendment to the Meacham Lake Campground UMP (August 1993)

Motorized boat launch relocation and construction

I. Background

In accordance with the Adirondack Park State Land Master Plan and the provisions of the 1985 Memorandum of Understanding between the Adirondack Park Agency and the Department of Environmental Conservation, the following amendment is a supplement to the Meacham Lake Public Campground Unit Management Plan (UMP)/Environmental Impact Statement (EIS).

The amendment calls for the construction of an improved boat launch site to replace the existing inadequate launch as provided for in the final approved UMP/EIS Volume II, in section IV, objective H – Boat Launch Site Improvement. This section contains a general description of the ideal launch site. Section II, subsection A, sub subsection 7, contains a description of the current inadequate boating facilities (see full UMP/EIS). Some of the Major deficiencies and characteristics of the current launch described in the 1993 UMP/EIS are below:

- Inadequate grade at 3.5%
- Parking for 50 vehicles with trailers (which is actually only approximately 25)
- Ice damage an annual problem
- Only public access point to Meacham Lake
- Extremely shallow
- Improvements not possible at current site.
- The old launch site will have the docks and motorized access removed and be maintained as an ice access point and car top launch.

The 1993 UMP also outlines data on usage statistics showing a maximum boat density on the Campgrounds busiest days at 15 acres/boat present. The plan also outlines criteria for the new launch which are summarized below;

- Ideally a 14% grade launch ramp
- Adequate access road
- Double wide concrete ramp
- Floating docks
- Parking for 50 cars with trailers
- Bulkhead and/or shore protection
- Funding and permits to complete the project
- A UMP amendment

It should also be noted that DEC's launch on Meacham is the only public launch/access point to the lake. The lake itself has very low public use and the majority of the use (approximately 63%) are campers staying at the park.

II. Selection and Development of the Proposed Launch

Careful consideration for resource protection, facility function, and environmental impact(s) were taken during the planning phase for this project. Four potential sites where selected after review of the accessible portions of the shoreline (see attachment 1). Sites 1 -3 were ruled out due to wetlands, environmental impacts, inadequate depths, resource impacts, and cost analysis.

Site 4 was selected as the only site which met all requirements for a motorized boat launch site (see attachments 2 & 3).

The reasons why site 4 was selected are as follows:

1. The proposed site (4) is located in the campground intensive use area just south of campsite 173. Site 174 will be removed as part of this project (attachment 4).
2. The selected site already has a paved road leading to it, which will accommodate vehicles with trailers.
3. It is the only site with appropriate depths to achieve a 14% grade (attachment 5).
4. The launch area is protected from wind and wave action.
5. There are no wetlands located at this site.
6. There are no adjacent land owners affected by this project.

The full construction detail is included in this plan (attachment 6). Some of the main design specifications are listed below.

1. Paved parking for 15 vehicles with Trailers and 6 vehicle only spots, including accessible spaces (21 total parking spaces).
2. Two 50' vehicle turnarounds.
3. An invasive species disposal area and kiosk with invasive species and fisheries information.
4. A single lane concrete launch ramp
5. A boating staging area.
6. All existing vegetation along shoreline buffer will be protected and maintained and supplemented with additional native plantings to increase storm water retention, protect from erosion, and provide more vegetative screening. Plantings will be 3' to 4' for shrubs and 10' to 12' for tress, which is larger than normal and will facilitate their function.

The launch will provide 29 less parking spots than was originally set forth in the 1993 UMP/EIS because the topography and developable area will not allow for the specified 50 spaces. This will limit capacity to at or below current usage. If there is the need to have overflow parking, within a quarter mile of this site is the Campground day use parking area which has capacity for 432 cars and will provide more than enough extra spaces. Furthermore, the majority of campers park their boats and trailers at or across from their campsite, which will allow for the majority of use to be day users.

Invasive species control signs and informational handouts will be available at this boat launch at the control booth and kiosk points. In addition, an invasive species disposal box will be located at the launch. The Department will continue to provide space for Lake Stewards for boat inspections. Campground staff will be trained in the identification and control of invasive species in an effort to educate the public and prevent the introduction or spreading of invasive species. Use of a boat wash station was also considered for this site, and the Department may include a boat wash station in the future at this boat launch or in another location within the Intensive Use Area. The location of the boat wash station will be made in consultation with the Agency if the Department chooses to implement this program at this facility.

The Department staff will secure all necessary permits for the project. The preferred site location for the launch will not result in any impacts to wetlands, and will include a push slab and floating docks which qualifies the project for a nationwide permit from the Army CORPS. The project is under one acre of soil disturbance and therefore will not require a SWPP, and this project will not require a water quality certification. A tree cutting list will be submitted with the final drawings and designs to the APA and NYS DEC. All aspects of the project will be compliant with the APSLMP.
Planning and review is anticipated to be completed by June 2015. Project bidding is expected to take place in the summer of 2015. Construction is expected to begin on the day after Labor Day 2015 with an anticipated completion date of December 1, 2015 whereupon it will be immediately open to the public.

III. Response to Public Comments

Public Comments are grouped by category and summarized below.

Comment – Concerns regarding trailered boats being towed through the campground resulting in traffic and/or safety issues.

Response - Many campers and day users currently come to Meacham Lake Campground with boats and trailers in tow. The Department does not anticipate the number of vehicles with trailerd boats to increase substantially. Campground roads have a legal posted speed limit which is enforceable through the New York State vehicle & traffic laws. Campground roads are designed to accommodate large trailers and mobile homes which can exceed 40'. The Department does not feel boats in tow will pose an increased safety concern when compared to current vehicle type and use.

Comment - Traffic from trailers and boats will cause increased noise disturbance in the campground.

Response - All Department campgrounds have designated quiet hours. Quiet hours will remain in affect and be enforced within the campground, regardless of noise source. The Department has not experienced negative noise levels at its other facilities with similar size trailered boat launch sites and does not expect the Meacham Lake boat launch to be any different.

Comment - The new boat launch will result in increased boat traffic on Meacham Lake, and this could also pose a safety concern on the water.

Response - The new proposed boat launch at this campground is smaller in size than what was recommended in the 1993 UMP. The Department feels that the smaller boat launch currently being proposed (15 car and trailer spaces, and 6 car only spaces) will prevent the number of boat on Meacham Lake from becoming a safety

concern. Also noted in the UMP, the majority of boat traffic originates from campers. Although there may be a minor increase in day users, the size of the lake when coupled with available parking for boaters will not result in boater densities beyond acceptable levels. Boat trailer traffic has not been an issue at other campgrounds with launches located within the park.

Comment - Will the public be charged a use fee during the camping season, and will the launch be accessible during the spring and fall.

Response - Yes during the camping season a day use fee will be charged. The day use fees collected not only allows the patron to use the boat launch but also allows for the use of all the other facilities the campground has to offers. In addition, the public may purchase an Empire Passport or use the Golden Parks Program which will provide a savings when compared to the fee for a single day use. The launch will be accessible and free of charge during all other periods.

Comment - Is there a restroom close by the launch?

Response - Yes there are bathroom facilities located 200 feet away from the launch.

Comment - There must be a boat wash station built now to address aquatic invasive species.

Response - The Department has reserved the option to build a boat wash station at this location if the determination is made that this location will be the most effective. It should also be noted that the Watershed Steward Program is provided space at this location and monitors boats coming and going for invasive species.

Comment - Wildlife activity and paddlers will be negatively affected by more motor boats.

Response - Given the size of Meacham Lake and the size of the proposed launch the Department feels there will be enough room for all to enjoy Meacham Lake while at the same time preserving the natural resource.

Comment - This location is not in the best interest of campground users.

Response - Multiple campgrounds around the state have boat launches located within the campground proper. Based on the Department's camper surveys at these facilities a boat launch has been viewed as a benefit by the patrons.

Comment - The road is in no condition to bear the increased boat launch traffic.

Response - Although in some areas the road surface is deteriorating, it is currently able to handle large trailered mobile homes. Trailered boats will be able to utilize the campground road system in the very same manner. If in the future the road

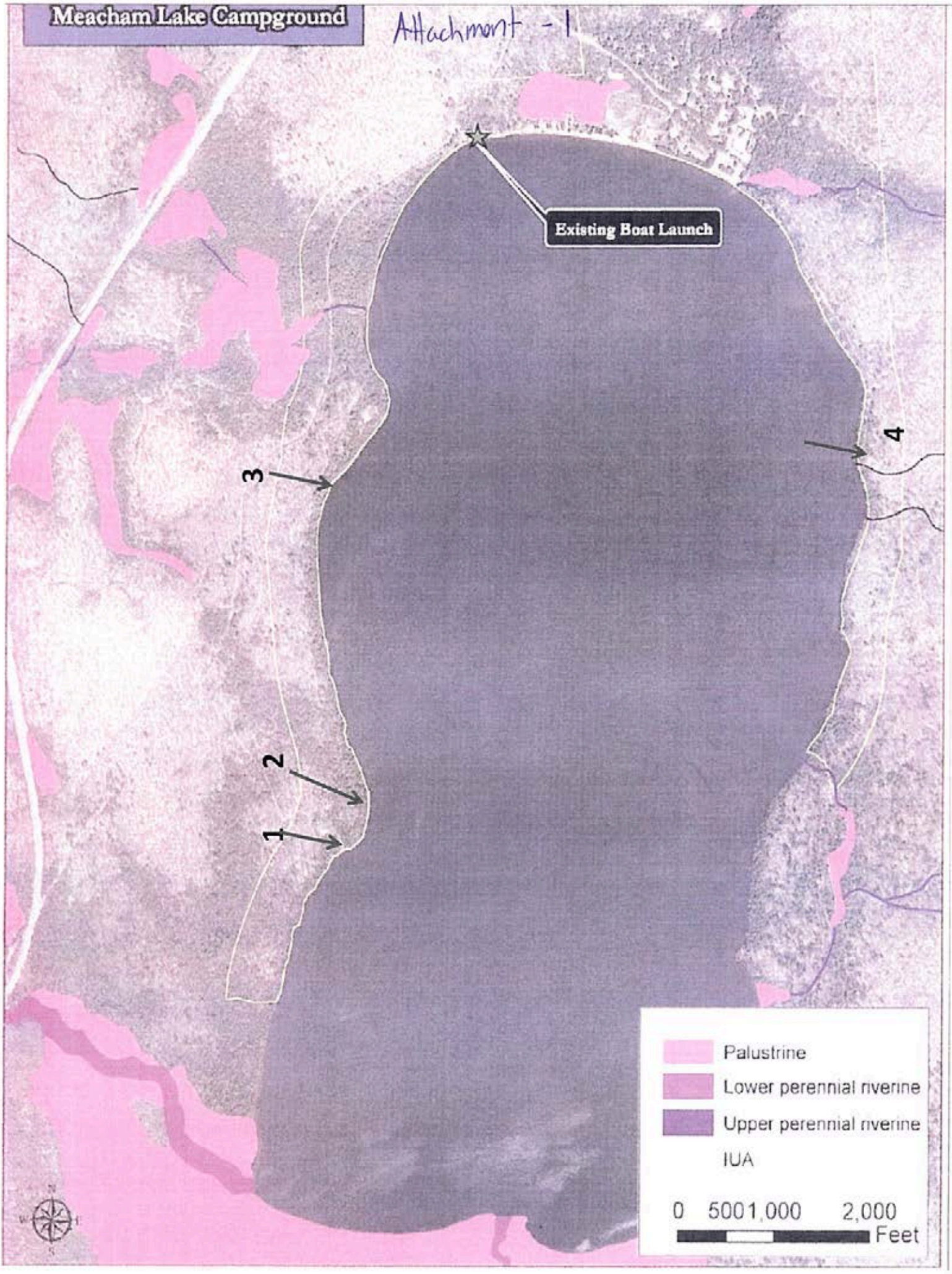
surface deterioration becomes an impediment to vehicles traffic the Department will address its condition at that time.

Comment - Will someone staff the boat launch to make sure people launch their boats properly?

Response - The Watershed Steward Program will be posted at the boat launch in 8 hour shifts. Improper launching has not been an issue of concern at other Department boat launches. However, improper use of the launch will be address by Department Staff in necessary.

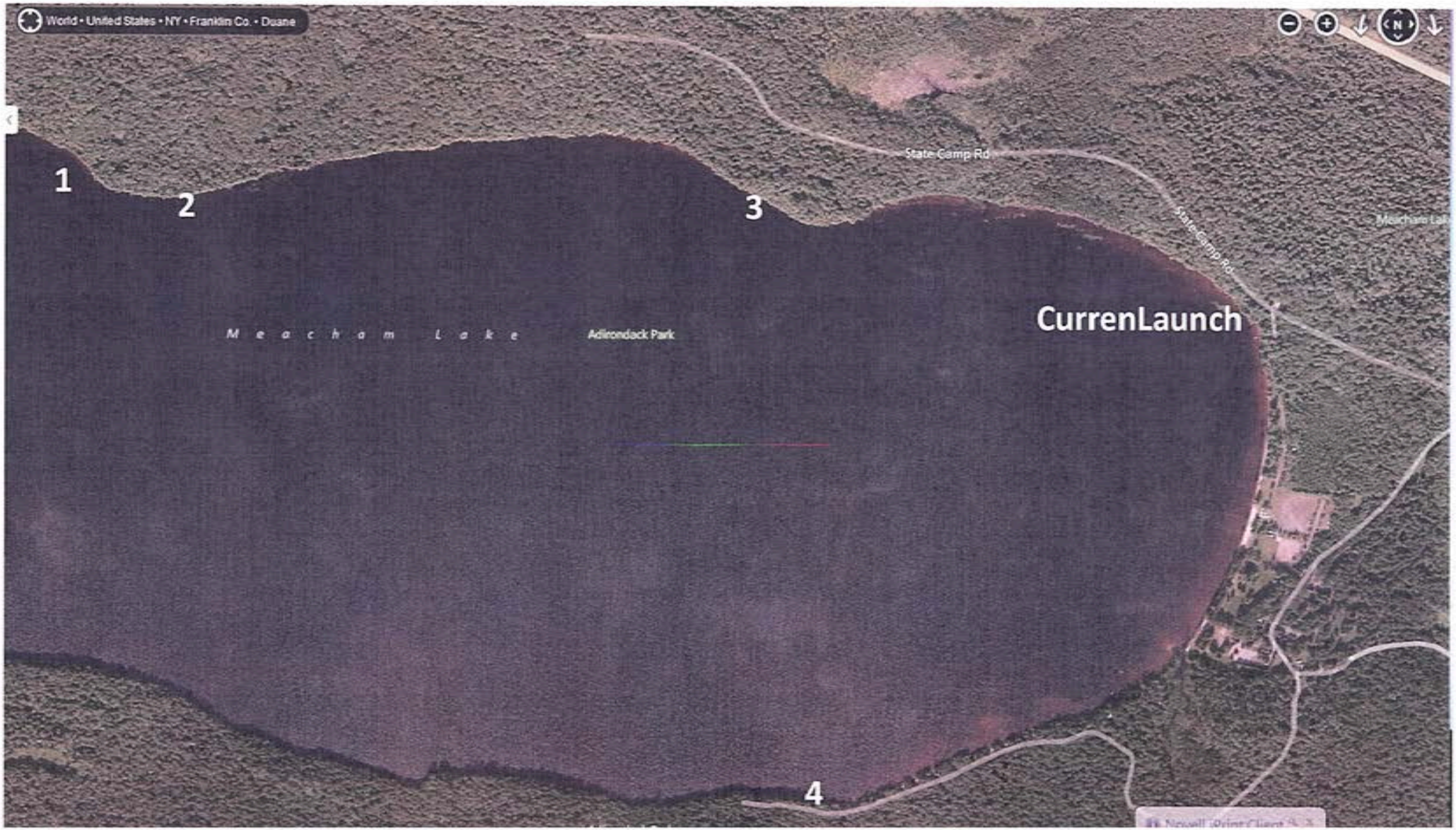
Comment- Concerns over the public's opportunity to provide comments on the UMP Amendment.

Response- The Meacham Lake Unit Management Plan (UMP) Amendment provides the public with additional detail pertaining to the proposed boat launch management action approved within the 1993 UMP. In addition to the public comment period provided during the 1993 UMP process, a second public comment period and public information session was provided by the Department during the Amendment process. The timing, duration and opportunity for public involvement regarding the Meacham Lake UMP Amendment is consistent with that of other UMP Amendments of similar nature and scope presented by the Department.


Meacham Lake Campground
Attachment - 1
Existing Boat Launch
1
2
3
4
Palustrine
Lower perennial riverine
Upper perennial riverine
IUA
0 500 1,000 2,000
Feet

Attachment-2

Whole park with paved roads marked and sites marked

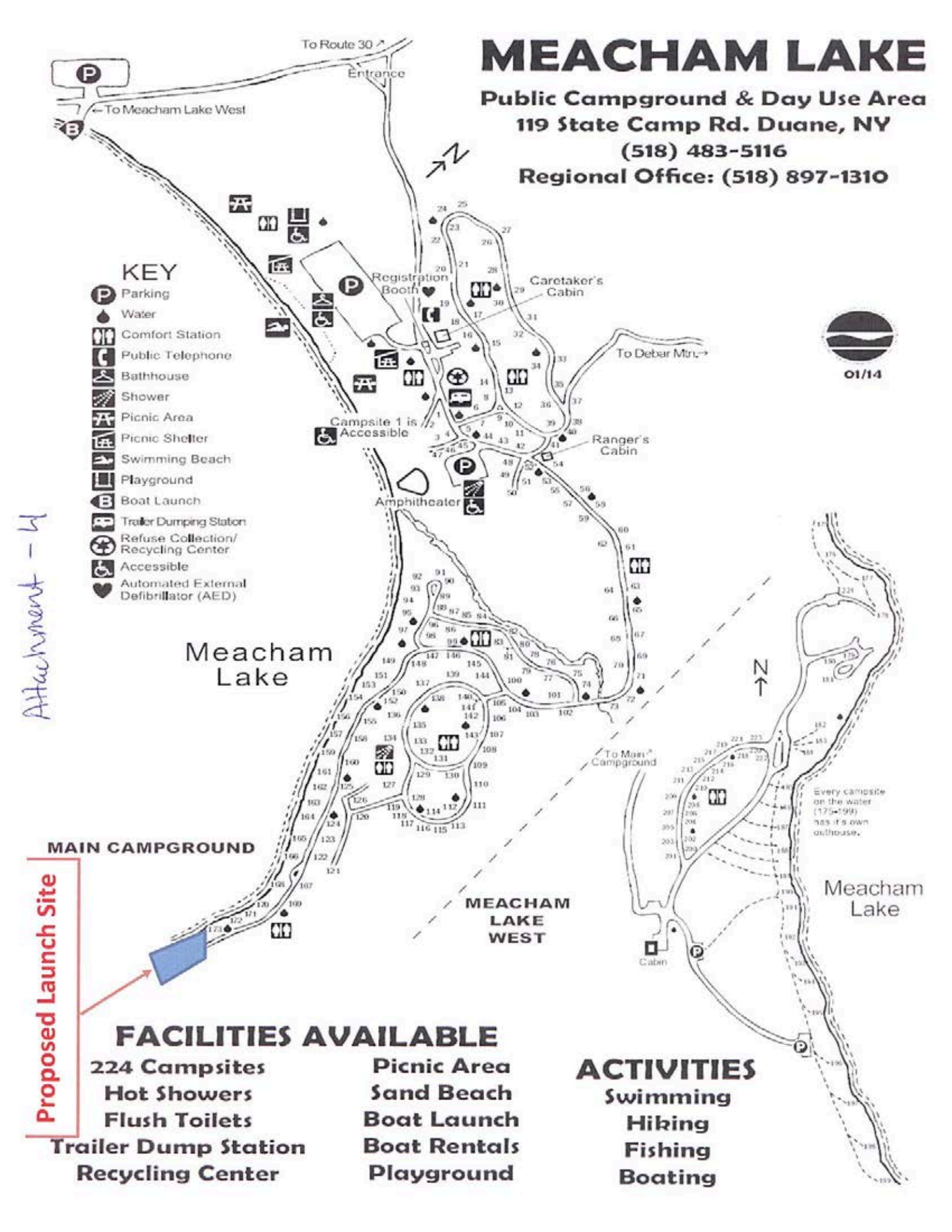


Attachment -3

Site # 4

MEACHAM LAKE

Public Campground & Day Use Area
119 State Camp Rd. Duane, NY
(518) 483-5116
Regional Office: (518) 897-1310



Attachment - 4

FACILITIES AVAILABLE

224 Campsites
Hot Showers
Flush Toilets
Trailer Dump Station
Recycling Center
Picnic Area
Sand Beach
Boat Launch
Boat Rentals
Playground

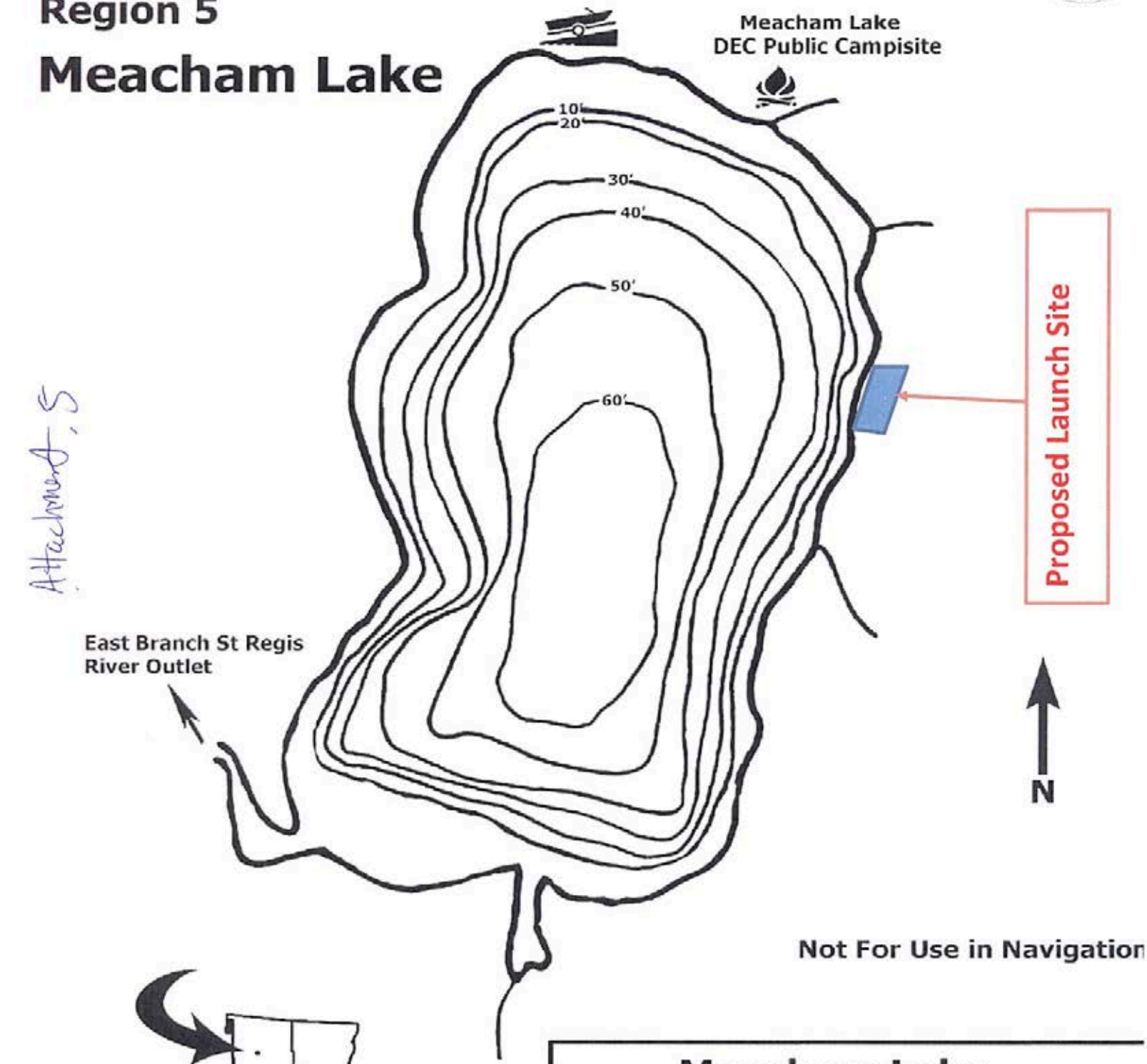
ACTIVITIES

Swimming
Hiking
Fishing
Boating

New York State Department of Environmental Conservation
Division of Fish, Wildlife and Marine Resources
Lake Map Series

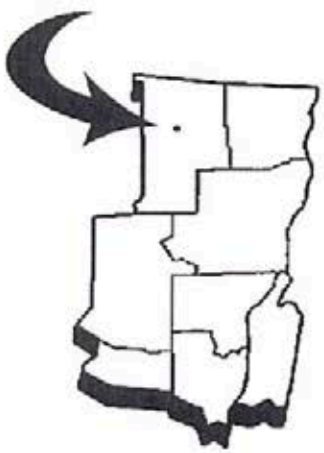
Region 5

Meacham Lake



Attachment 5

Not For Use in Navigation



Meacham Lake

County: Franklin **Town: Duane**

Size: 1,185 Acres **Mean Depth: 36ft**

Fish Species Present: Northern Pike, Smallmouth Bass, Yellow Perch, Brown Bullhead, Lake Whitefish, Rainbow Smelt, Brown Trout, Pumpkinseed, Splake, Landlocked Atlantic Salmon

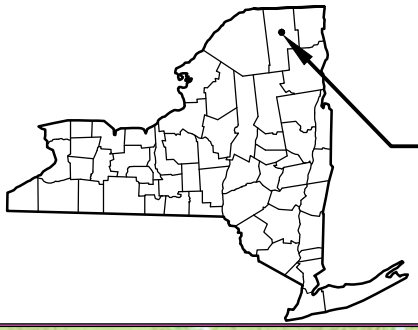
Scale: 0 — 1,795 ft

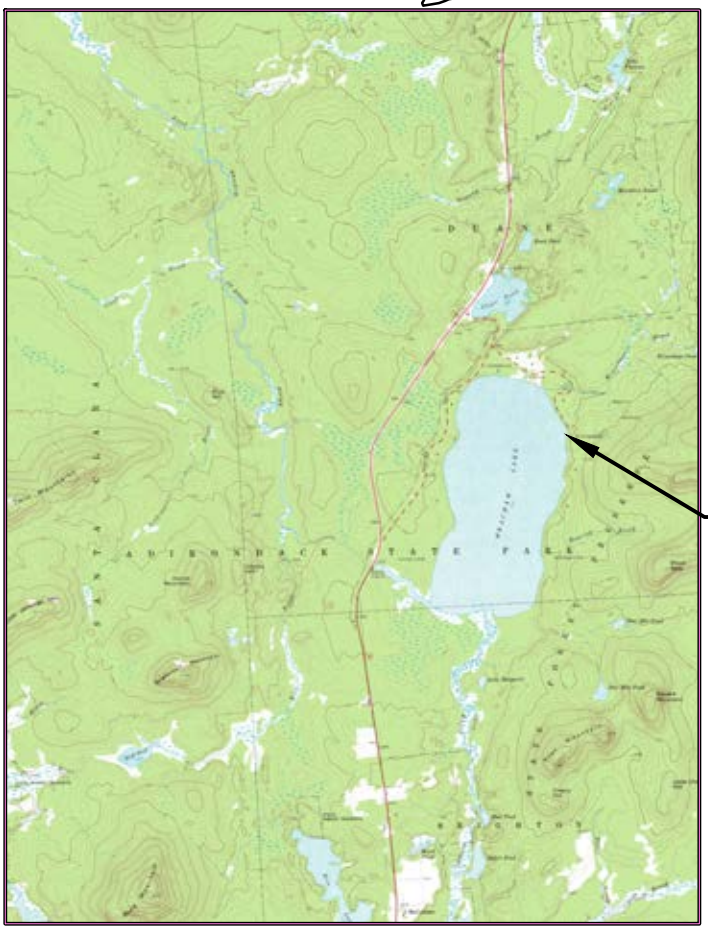
MEACHAM LAKE BOAT LAUNCH

TOWN OF DUANE, FRANKLIN COUNTY, NEW YORK

Easting 44.5685 Northing −74.2741

NORTH





LOCATION MAP TAKEN FROM A USGS MAP IN THE ARC GIS SYSTEM

DRAWING INDEX:

1. TITLE SHEET
2. EXISTING SITE PLAN
2A. SITE PLANS – IMPACTS TO U.S. WATERS
3. NEW SITE PLAN
4. NEW RAMP PLAN
5. NEW RAMP PLAN VIEW & SECTIONS
6. MISCELLANEOUS DETAILS
7. SHORELINE SECTIONS
8. EXISTING SITE PLAN – PHOTO LOCATIONS
9. PHOTOS

NEW YORK STATE OF OPPORTUNITY. Department of Environmental Conservation

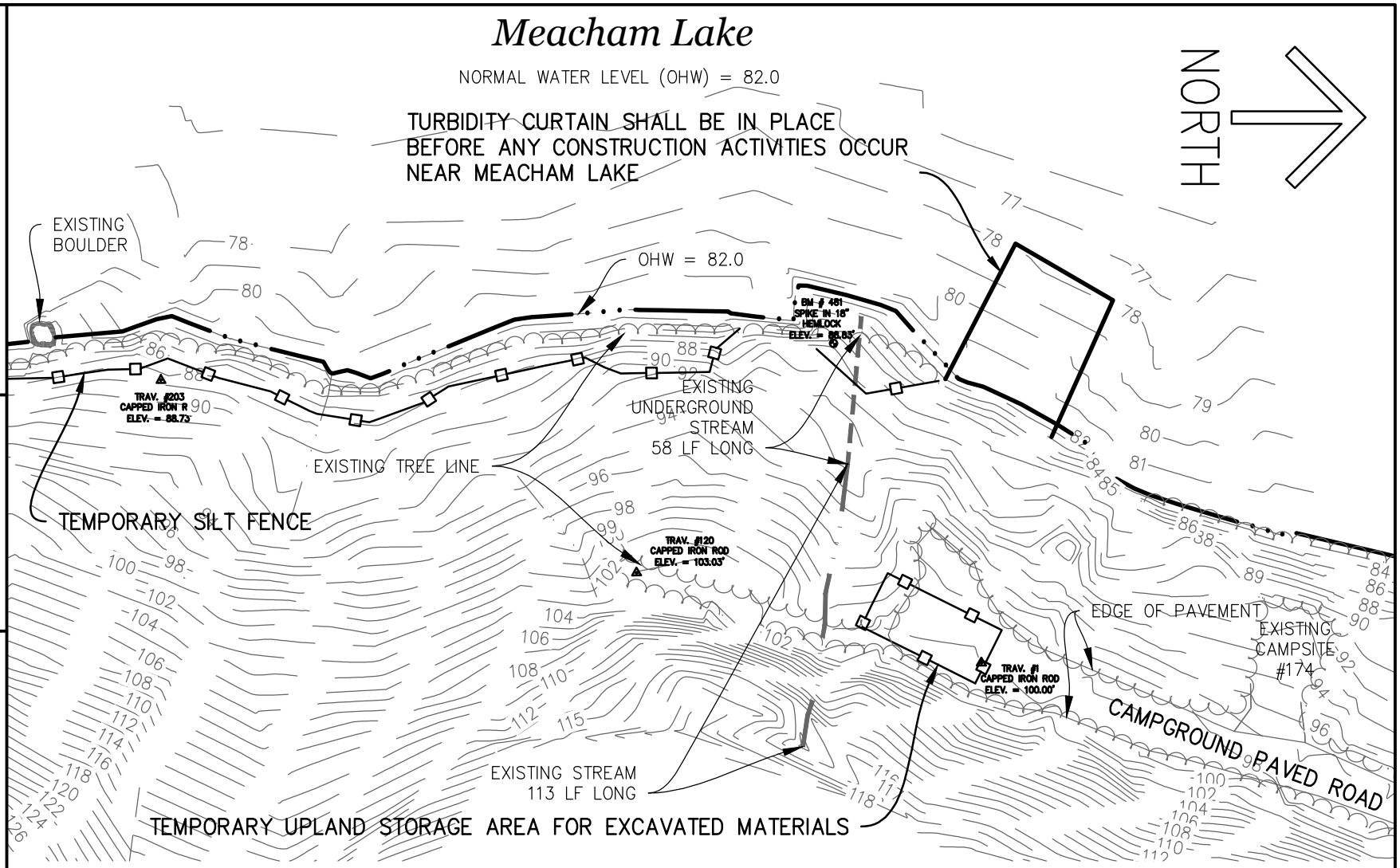
STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF OPERATIONS
BUREAU OF DESIGN & CONSTRUCTION

REVISIONS		
BY	DESCRIPTION	DATE
DBB	SITE PHOTOS ADDED	2/'15
DBB	IMPACTS TO U.S WATERS ADDED. STREAM INFO. ADDED	3/'15

PROJECT DESCRIPTION

MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE, FRANKLIN COUNTY, NY
APPLICANT: NYSDEC
TITLE SHEET

PROJECT NO. 68984
DATE 1/15
SCALE NTS
DRAWING NO. 1 of 9



NOTE:
1. SURVEY PERFORMED BY NYSDEC CENTRAL OFFICE OPERATIONS STAFF ON AUGUST 4 & 5, 2014. SITE PLAN WAS COMPLIED ON A PC-BASED COMPUTER USING AUTOCAD CIVIL 3D 2013 SOFTWARE. CONTOURS ARE COMPUTER-GENERATED INTERPOLATIONS, EDITED TO GENERALLY CONFORM TO FIELD OBSERVATIONS. CONTOUR INTERVAL = 1 FOOT. CRITICAL ELEVATIONS AND GRADES SHOULD BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.

LEGEND:

- EXISTING CONTOUR
- EXISTING DRAINAGE DITCH W/ WATER (STREAM)
- EXISTING UNDERGROUND STREAM W/ WATER
- EXISTING TREE LINE
- EDGE OF WATER
- TEMPORARY SILT FENCE. SEE SPEC.
- TEMPORARY TURBIDITY CURTAIN

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Department of Environmental Conservation
STATE OF NEW YORK
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DIVISION OF OPERATIONS
BUREAU OF DESIGN & CONSTRUCTION

REVISIONS

NO.	DATE	DESCRIPTION	BY
	3/'15	STREAM INFO. ADDED	DBB
AS BUILT			

PROJECT DESCRIPTION
MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE FRANKLIN COUNTY, NY
APPLICANT: NYSDEC
EXISTING SITE PLAN

PROJECT NO. 68984
DATE 1/2015
SCALE 1" = 60'
DRAWING NO. 2 of 9

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF OPERATIONS
BUREAU OF DESIGN & CONSTRUCTION

Department of Environmental Conservation

REVISIONS

NO	DATE	DESCRIPTION	BY
	3/'15	IMPACTS TO U.S. WATERS SHOWN	DBB

AS BUILT

PROJECT DESCRIPTION

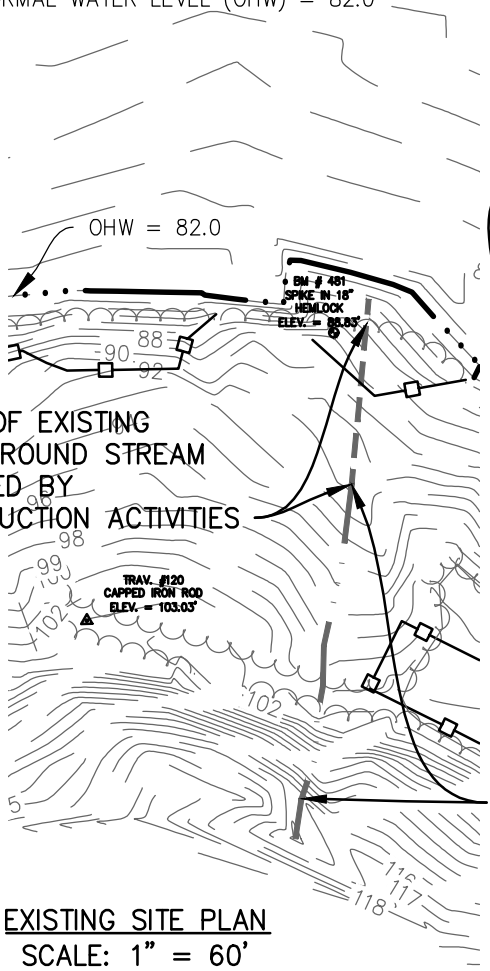
MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE FRANKLIN COUNTY, NY
APPLICANT: NYSDEC

SITE PLANS – IMPACTS TO U.S. WATERS

PROJECT NO. 68984
DATE 1/2015
SCALE 1" = 60'
DRAWING NO. 2A of 9

Meacham Lake

NORMAL WATER LEVEL (OHW) = 82.0

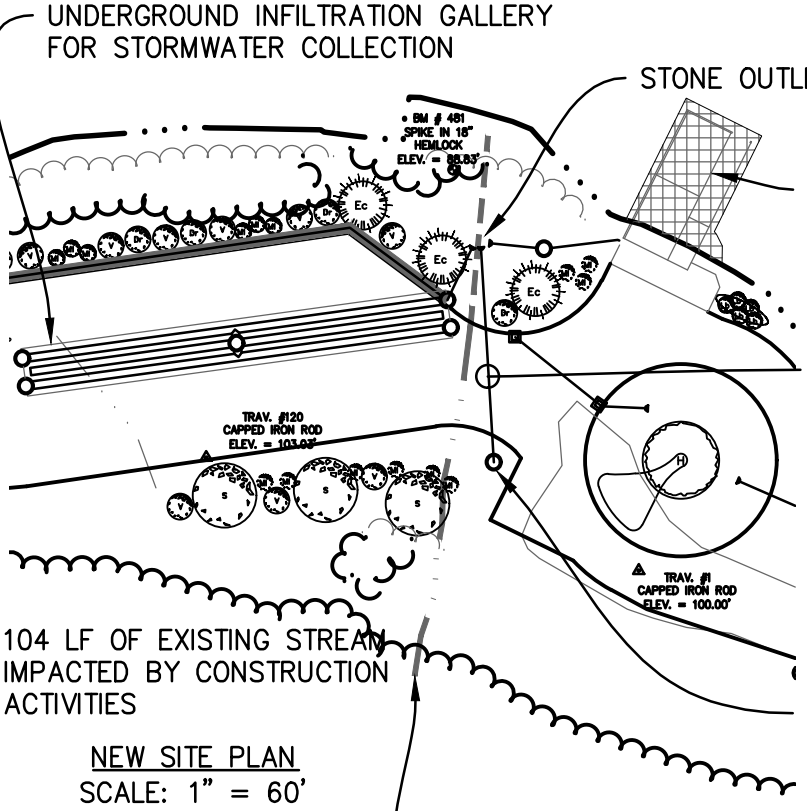


58 LF OF EXISTING UNDERGROUND STREAM IMPACTED BY CONSTRUCTION ACTIVITIES

EXISTING SITE PLAN
SCALE: 1" = 60'

Meacham Lake

NORMAL WATER LEVEL (OHW) = 82.0



UNDERGROUND INFILTRATION GALLERY FOR STORMWATER COLLECTION

STONE OUTLET PAD

HATCHING DENOTES AREA BELOW OHW 82.0
AREA = 1131 SF
SEE DWG. NO. 4 FOR ADDITIONAL INFO.

65 LF OF 30" DIA. CORRUGATED HDPE PIPE

104 LF OF EXISTING STREAM IMPACTED BY CONSTRUCTION ACTIVITIES

PRECAST CONCRETE DROP INLET STRUCTURE

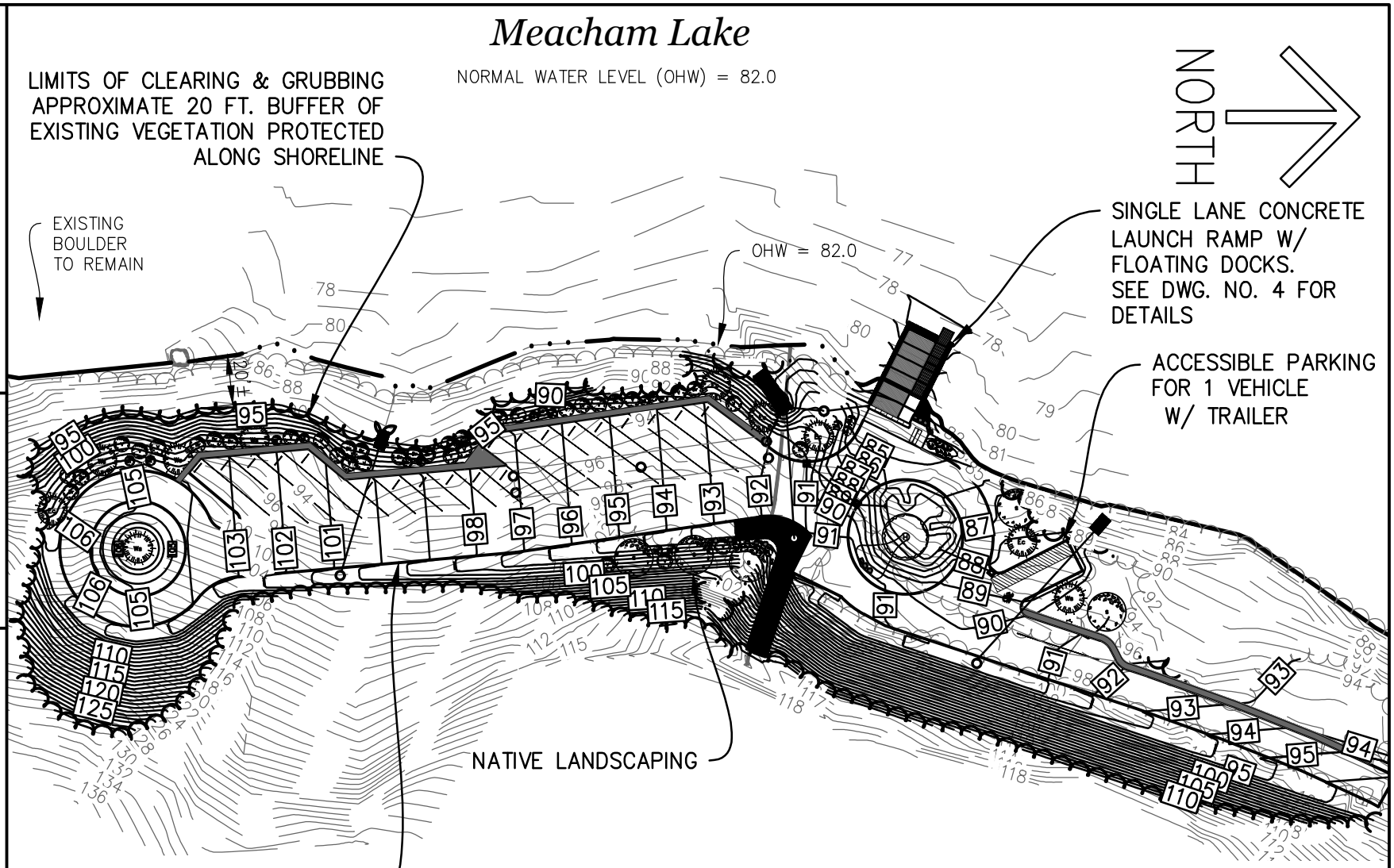
NEW SITE PLAN
SCALE: 1" = 60'

NORTH

SQUARE FEET AREA OF IMPACTS TO WATERS OF THE U.S. :
LAUNCH RAMP –
AREA = 1131 SF

EXISTING STREAMS–
ABOVE GRADE AREA = 156 SF
UNDERGROUND AREA = 87 SF

EXISTING STREAM RE–ROUTED TO STONE CONVEYANCE CHANNEL, THEN CAPTURED IN A DROP INLET STRUCTURE WITH OVERFLOW INTO A PIPE TO A STONE OUTLET PAD



NEW YORK STATE Department of Environmental Conservation

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF OPERATIONS
BUREAU OF DESIGN & CONSTRUCTION

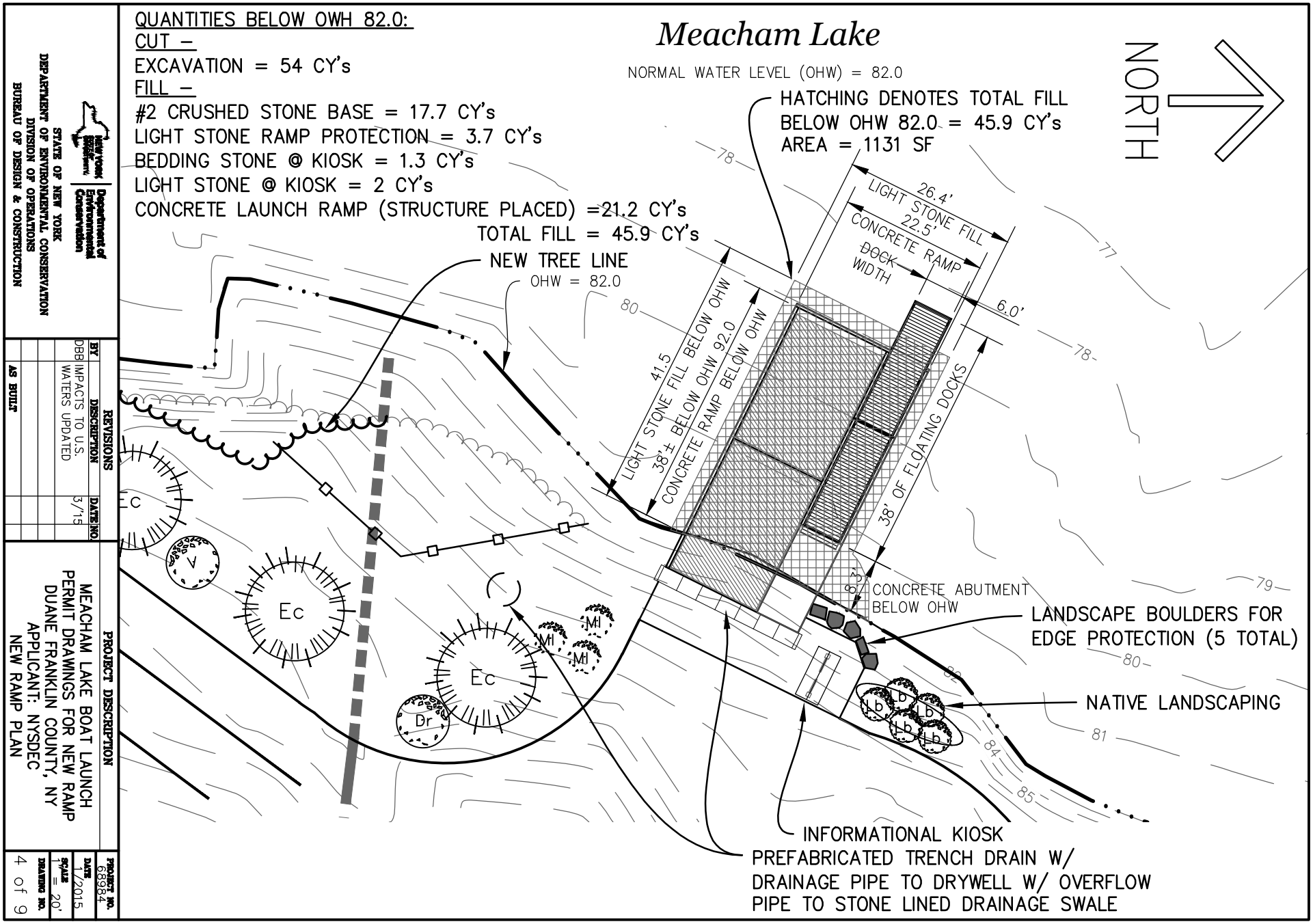
REVISIONS

NO.	DATE	DESCRIPTION	BY
AS BUILT			

PROJECT DESCRIPTION

MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE FRANKLIN COUNTY, NY
APPLICANT: NYSDEC
NEW SITE PLAN

PROJECT NO. 68984
DATE 1/2015
SCALE 1" =80'
DRAWING NO. 3 of 9



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STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF OPERATIONS
BUREAU OF DESIGN & CONSTRUCTION

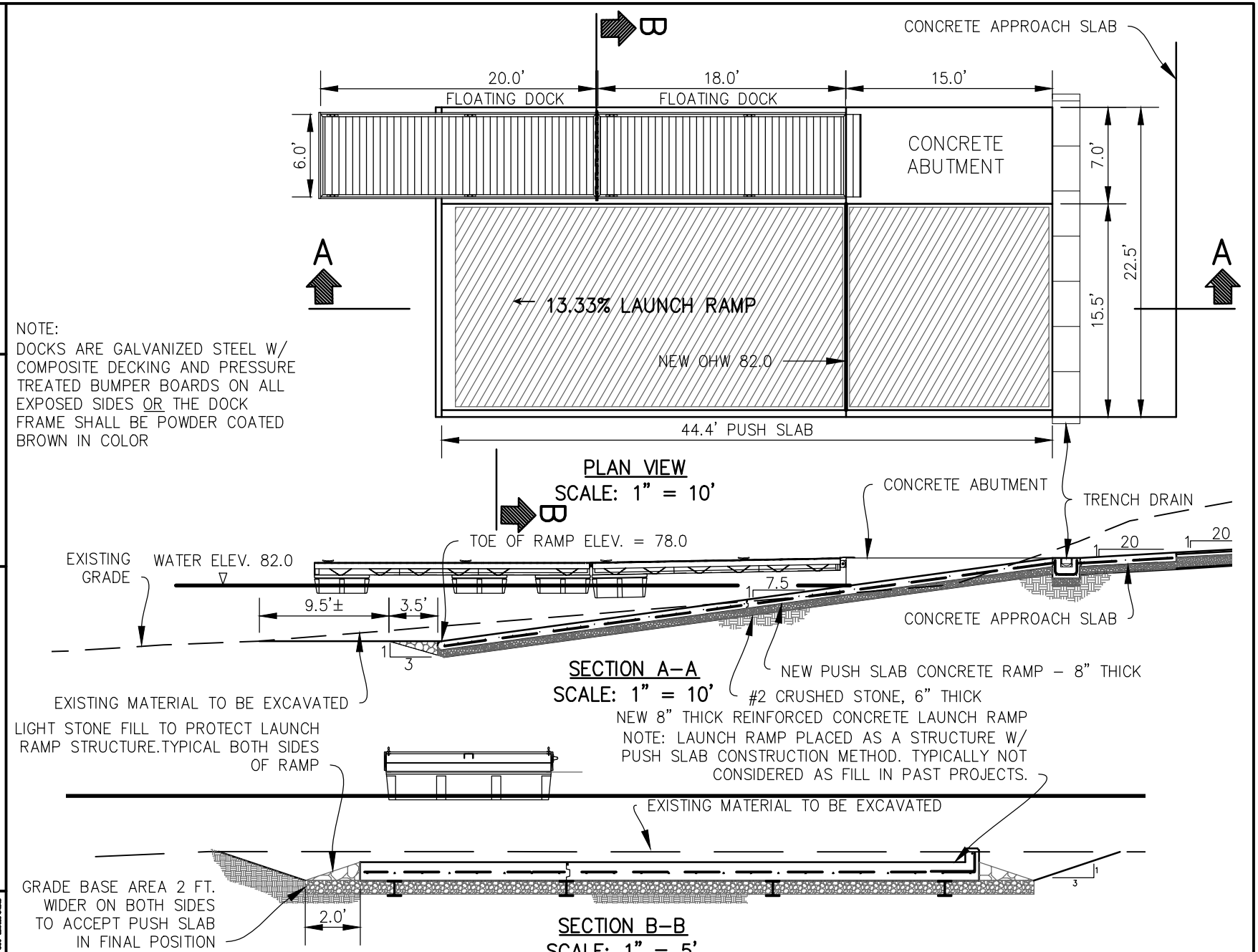
NO.	DATE	DESCRIPTION	BY
	3/'15	IMPACTS TO U.S. WATERS UPDATED	DBB

AS BUILT

PROJECT DESCRIPTION

MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE FRANKLIN COUNTY, NY
APPLICANT: NYSDEC
NEW RAMP PLAN

PROJECT NO. 68984
DATE 1/2015
SCALE 1" = 20'
DRAWING NO. 4 of 9



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Department of Environmental Conservation

REVISIONS

NO.	DATE	DESCRIPTION	BY
AS BUILT			

PROJECT DESCRIPTION

MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE FRANKLIN COUNTY, NY
APPLICANT: NYSDEC

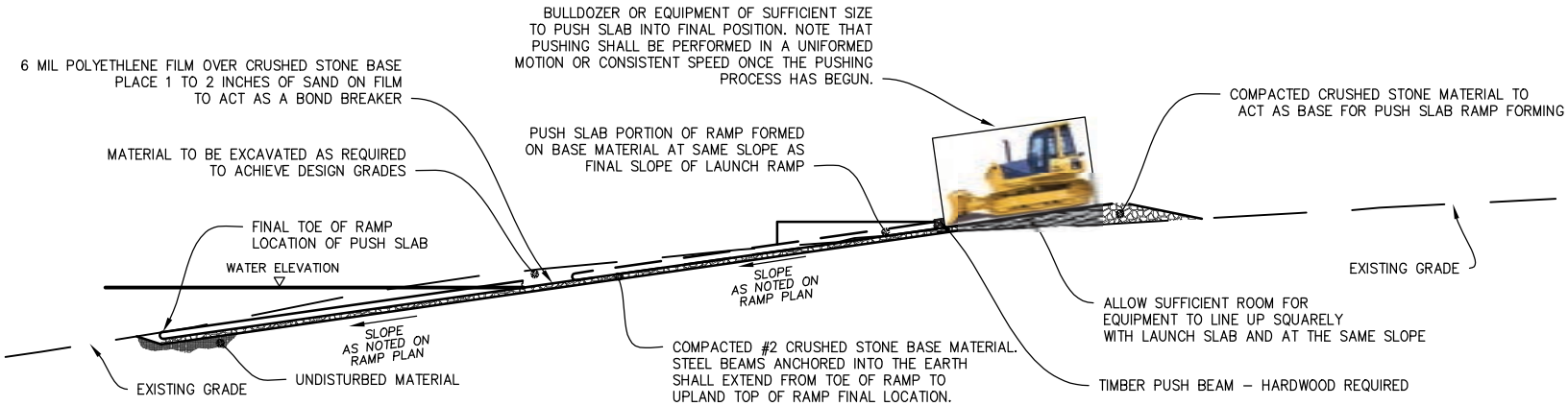
NEW RAMP PLAN VIEW & SECTIONS

PROJECT NO. 68984
DATE 1/2015
SCALE AS NOTED
DRAWING NO. 5 of 9

PLANT LIST

LANDSCAPING

GENUS SPECIES	COMMON NAME	SIZE	QTY.	SPACING	SYMBOL
Celtis occidentalis	Hackbery	3" to 3.5" cal.	1	AS SHOWN	H
Picea glauca	White Spruce	10' -12' FT. height	1	AS SHOWN	Ws
Vaaccinium angustifolium	Low bush blueberry	#3 Cont. 3' -4' FT. height	5	5 FT. ON CENTER	Lb
Kalmia latifolia	Mountain Laurel	#3 Cont. 3' -4' FT. height	19	8 FT. ON CENTER	Ml
Viburnum trilobum	Viburnum	#3 Cont. 3' -4' FT. height	13	8 FT. ON CENTER	V
Cornus sericea	Dogwood Red osier red-stem	#3 Cont. 3' -4' FT. height	12	5 FT. ON CENTER	Dr
Amelanchier canadensis	Serviceberry	#10 Cont. 6' -7' FT. height	7	20 FT. ON CENTER	S



PUSH SLAB CONSTRUCTION METHOD (TYPICAL)

NOT TO SCALE

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DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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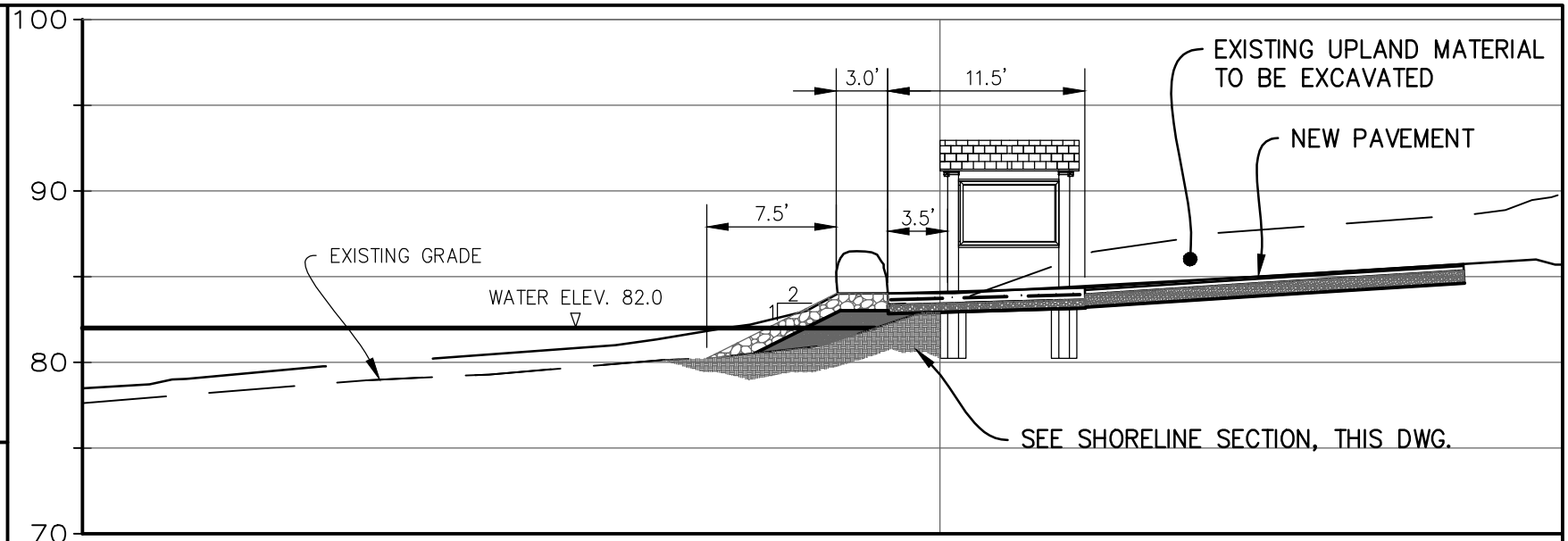
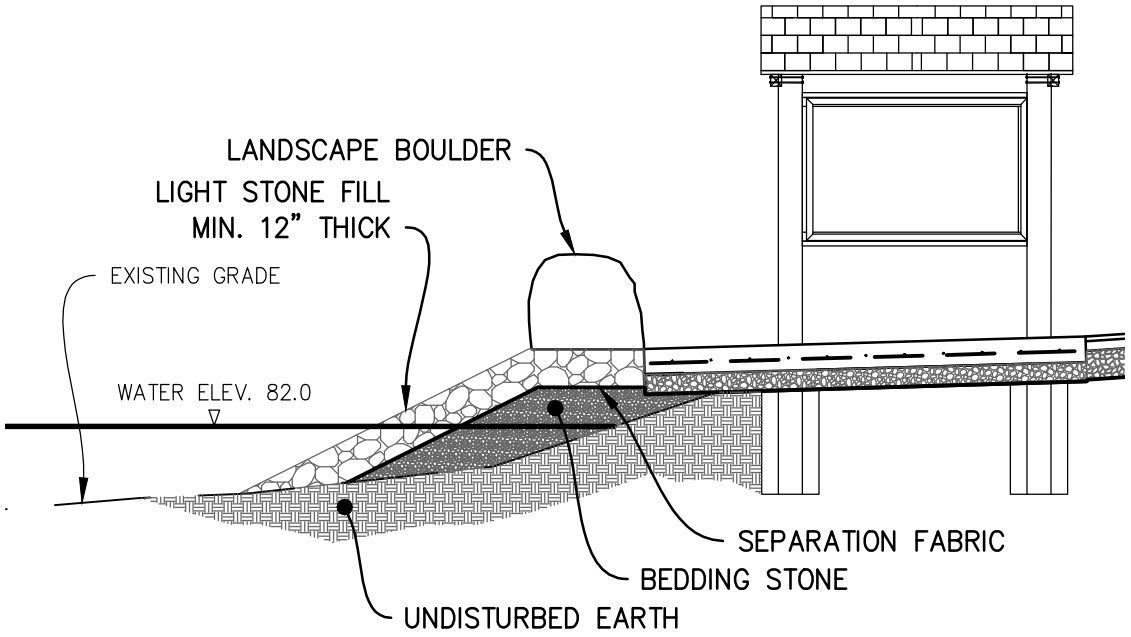
PROJECT DESCRIPTION

MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE FRANKLIN COUNTY, NY
APPLICANT: NYSDEC
MISCELLANEOUS DETAILS

PROJECT NO. 68984
DATE 1/2015
SCALE N.T.S.
DRAWING NO. 6 of 9





QUANTITIES BELOW OWH 82.0:
FILL –
BEDDING STONE = 1.3 CY's
LIGHT STONE FILL = 2.0 CY's

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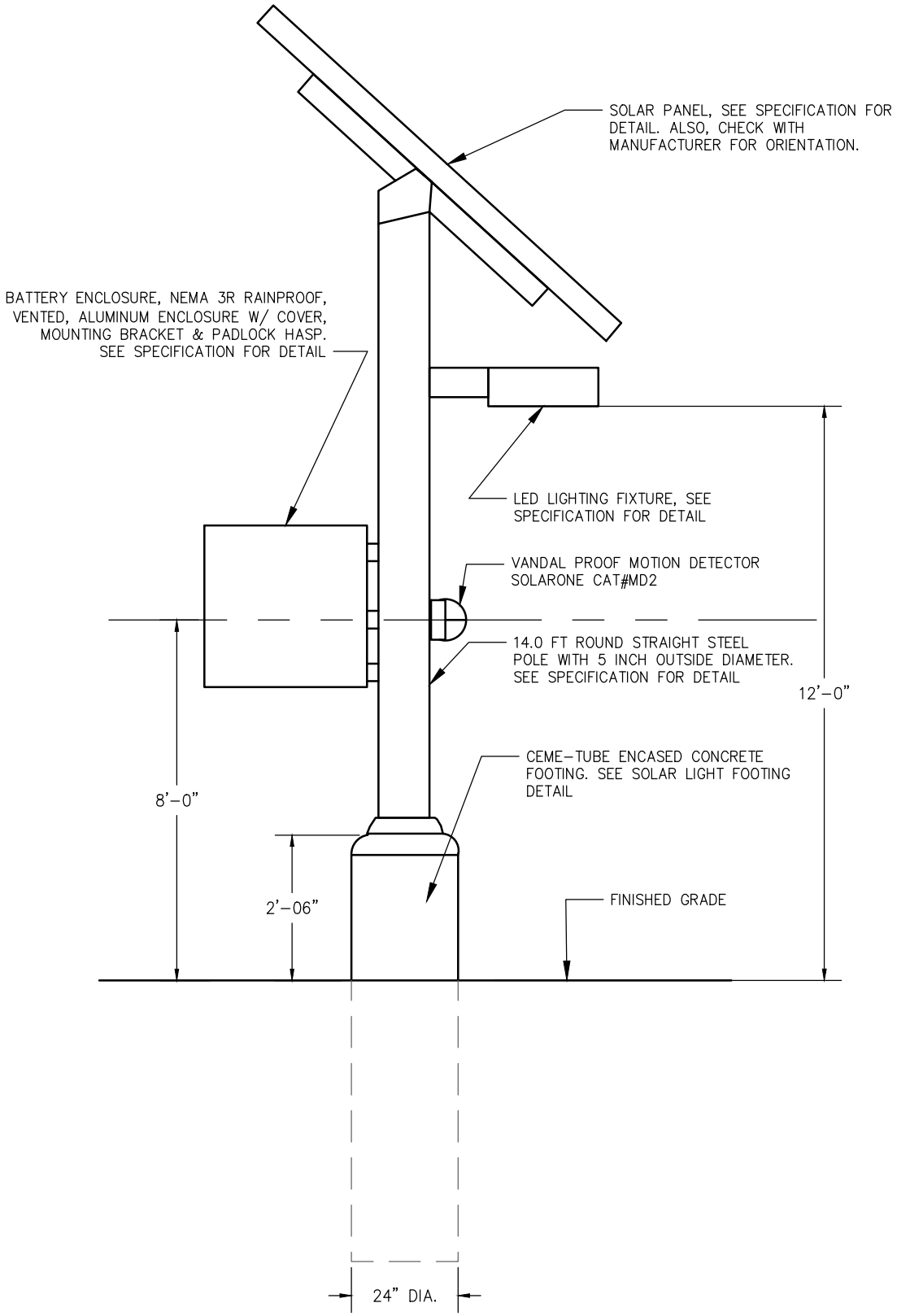
PROJECT DESCRIPTION

MEACHAM LAKE BOAT LAUNCH
PERMIT DRAWINGS FOR NEW RAMP
DUANE FRANKLIN COUNTY, NY
APPLICANT: NYSDEC
SHORELINE SECTIONS

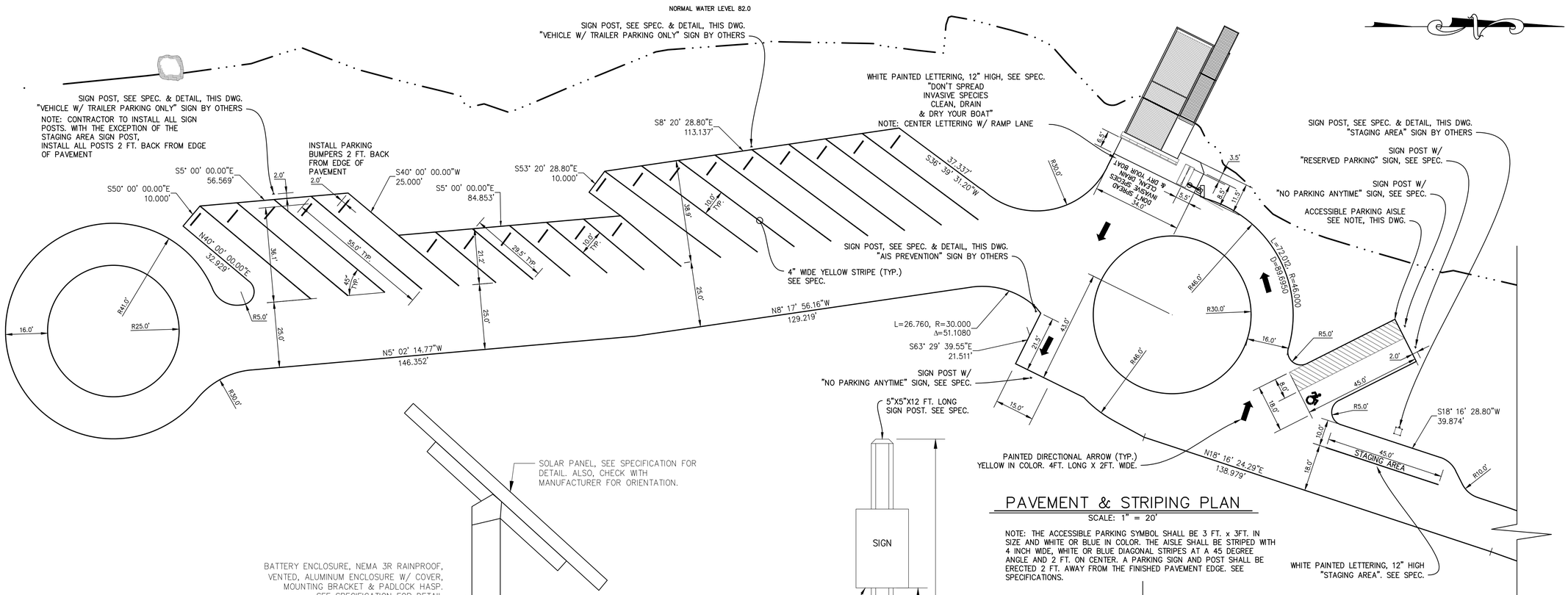
PROJECT NO. 68984
DATE 1/2015
SCALE N.T.S.
DRAWING NO. 7 of 9



SOLAR LIGHT POLE DETAIL

NOT TO SCALE

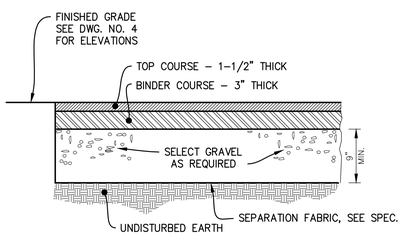
Meacham Lake



PAVEMENT & STRIPING PLAN

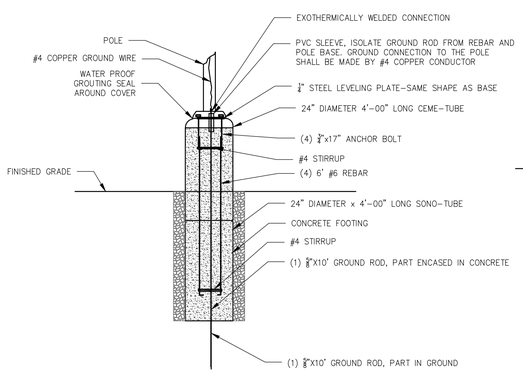
SCALE: 1" = 20'

NOTE: THE ACCESSIBLE PARKING SYMBOL SHALL BE 3 FT. x 3FT. IN SIZE AND WHITE OR BLUE IN COLOR. THE AISLE SHALL BE STRIPED WITH 4 INCH WIDE, WHITE OR BLUE DIAGONAL STRIPES AT A 45 DEGREE ANGLE AND 2 FT. ON CENTER. A PARKING SIGN AND POST SHALL BE ERECTED 2 FT. AWAY FROM THE FINISHED PAVEMENT EDGE. SEE SPECIFICATIONS.



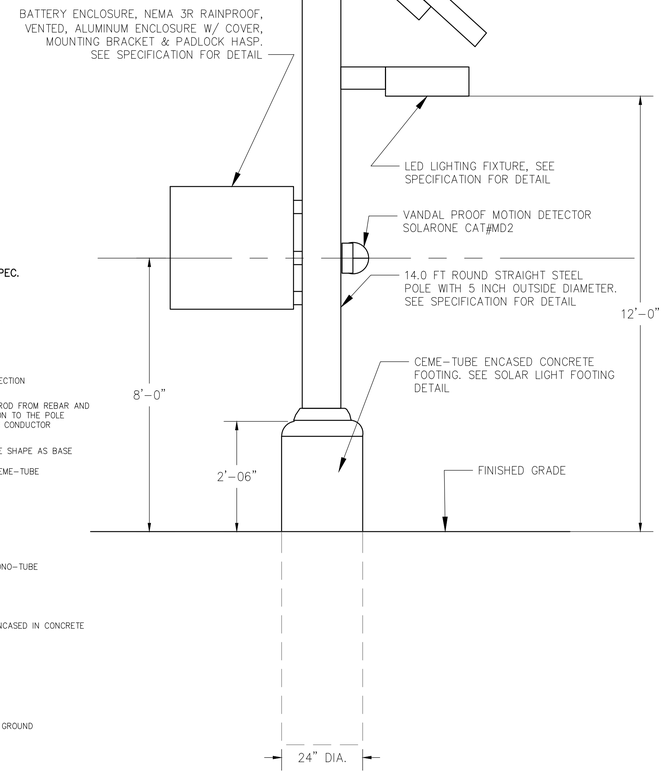
TYPICAL PAVEMENT DETAIL

NOT TO SCALE



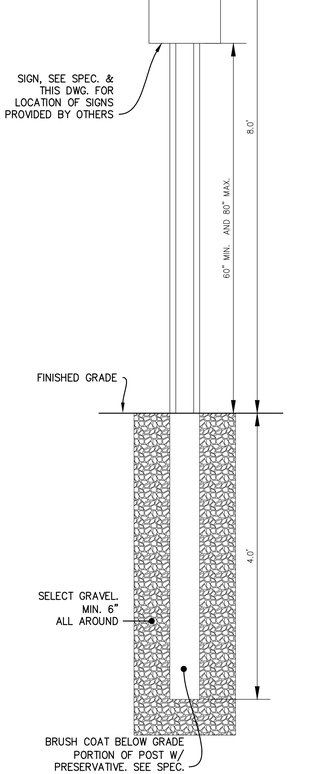
SOLAR LIGHT FOOTING DETAIL

NOT TO SCALE



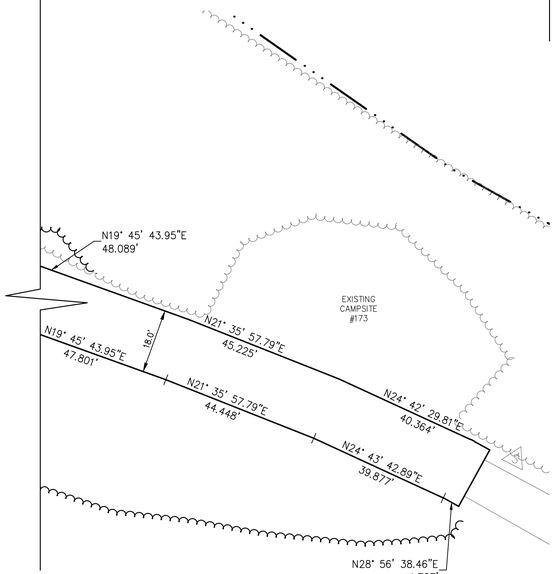
SOLAR LIGHT POLE DETAIL

NOT TO SCALE



SIGN POST DETAIL

SCALE: 1" = 1'–0"



Department of Environmental Conservation

NEW YORK STATE OF OPPORTUNITY.

DIVISION OF OPERATIONS
BUREAU OF DESIGN AND CONSTRUCTION

DESIGNED BY DJB
CHECKED BY A.N.
DRAWN BY DJB

REVISIONS

NO.	DATE	DESCRIPTION	BY
		AS BUILT	

PROJECT DESCRIPTION

MEACHAM LAKE CAMPGROUND
BOAT LAUNCH SITE

PAVEMENT & STRIPING PLAN AND SITE DETAILS

FACILITY NAME	MEACHAM LAKE CAMPGROUND
FACILITY NO.	0050
PROJECT NO.	68984
DATE	APRIL, 2015
SCALE	AS NOTED
DRAWING NO.	11