

- SOURCES:**
1. BASE MAP DEVELOPED FROM PLAN PROVIDED BY LAND USE SPECIALISTS, INC., ENTITLED "PLAN OF SURVEY PREPARED FOR: HELEN D. BUCHANAN, NEW LONDON TURNPIKE & OLD TEN ROD ROAD, EXETER, RHODE ISLAND" DATED 07/18/91, ORIGINAL SCALE 1"=200', DRAWING NUMBERS 1 THROUGH 8, JOB FILE EX901103.
  2. APPROXIMATE WETLAND BOUNDARIES WERE DELINEATED IN ACCORDANCE WITH THE 1987 UNITED STATES CORPS OF ENGINEERS (ACEE) WETLANDS DELINEATION MANUAL AND THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS (COE) WETLAND DELINEATION MANUAL, NORTH-CENTRAL AND NORTHEAST REGION AND IN ACCORDANCE WITH THE RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT RULES AND REGULATIONS GOVERNING THE ADMINISTRATION AND ENFORCEMENT OF THE FRESH WATER WETLANDS ACT RELEASED JULY 16, 2014.
  3. DIGITAL AERIAL ORTHOPHOTOGRAPHY PROVIDED BY RHODE ISLAND GEOGRAPHIC INFORMATION SYSTEM (RIGIS). ORTHOPHOTOS WERE ORIGINALLY PRODUCED BY USGS. IMAGERY WAS OBTAINED SPRING 2011 AND RELEASED DECEMBER 2011.
  4. DIGITAL ELEVATION DATA PROVIDED BY RHODE ISLAND GEOGRAPHIC INFORMATION SYSTEM (RIGIS). ELEVATION DATA WAS ORIGINALLY PRODUCED BY USGS IN THE WINTER AND SPRING OF 2011 AND RELEASED IN APRIL, 2012.

- NOTES:**
1. THE LOCATION OF THE SITE FEATURES WERE APPROXIMATELY DETERMINED BY ALIGNMENT OF RIGIS AERIAL PHOTOS FOR THE MAPPING OF EXISTING TOPOGRAPHIC FEATURES FROM THE 2014 PHOTOS. THESE DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
  2. MEETS AND BOUNDS ARE SHOWN FOR REFERENCE ONLY AND THIS DRAWING DOES NOT DEPICT A PROPERTY SURVEY.
  3. A PROPERTY SURVEY WAS COMPLETED FOR SUBJECT SITE BY LAND USE SPECIALISTS, INC. JULY 18, 1991 AND CERTIFIED BY ROGER W. ANTHONY, PROFESSIONAL LAND SURVEYOR.
  4. BEAVER RIVER (BLACK DASHED LINES) IS INDICATED FROM SURVEY PLANS AND HAS BEEN FLOODED DUE TO BEAVER DAMS AS DELINEATED FROM 2014 RIGIS PHOTO.

**LEGEND:**

- PARCEL & PROPERTY LINES
- EXISTING TRAIL
- LIMIT OF FLAGGED WETLAND DELINEATION BY GZA PERSONNEL JULY THROUGH AUGUST 2015
- WETLAND FLAG LOCATION AND DESIGNATION
- LOCATION OF BEAVER DAM (AUGUST 2015)
- 50 FOOT WETLAND BUFFER
- 100 FOOT RIVERBANK
- 200 FOOT RIVERBANK
- BEAVER RIVER 'THREAD' (1991 SURVEY)
- STREAM - RIGIS 2014 AERIAL PHOTO
- (PVP) POTENTIAL VERNAL POOL LOCATION
- EDGE OF WATER - RIGIS 2014 AERIAL PHOTO
- 100 YEAR FLOOD DELINEATION
- RIGIS WETLAND DELINEATION
- RHODE ISLAND NATURAL HERITAGE AREA
- RHODE ISLAND GEOGRAPHIC INFORMATION SYSTEM (RIGIS) URL: [HTTP://WWW.EDU.EDU/RIGIS](http://www.edu.edu/rigis), ENVIRONMENTAL DATA CENTER, UNIVERSITY OF RHODE ISLAND, KINGSTON, RHODE ISLAND (LAST ACCESSED: 11 MARCH 2014)

APPROVED IN THE LETTER OF APPROVAL DATED APR 02 2018 FILE # 17-001

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

*Matthew D. Wenczek*

NO.	ADDRESSED RIDEM COMMENTS	TLT	3/22/2018
1	ADDRESSED RIDEM COMMENTS	TLT	3/22/2018
NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

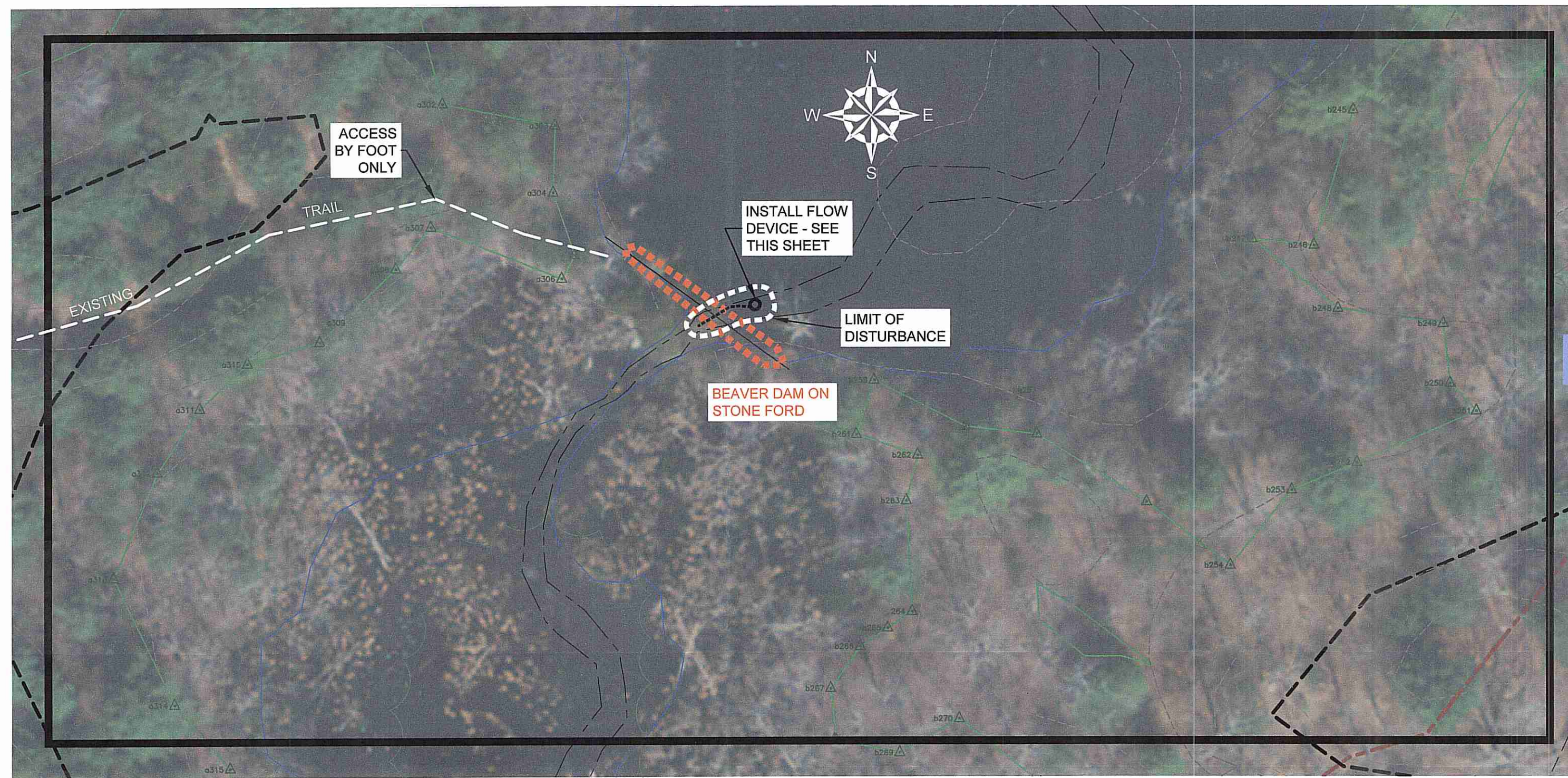
**JAMES POND REALTY COMPANY, LLC**  
EXETER & RICHMOND, RHODE ISLAND

**PLAN OF WETLAND DELINEATION**

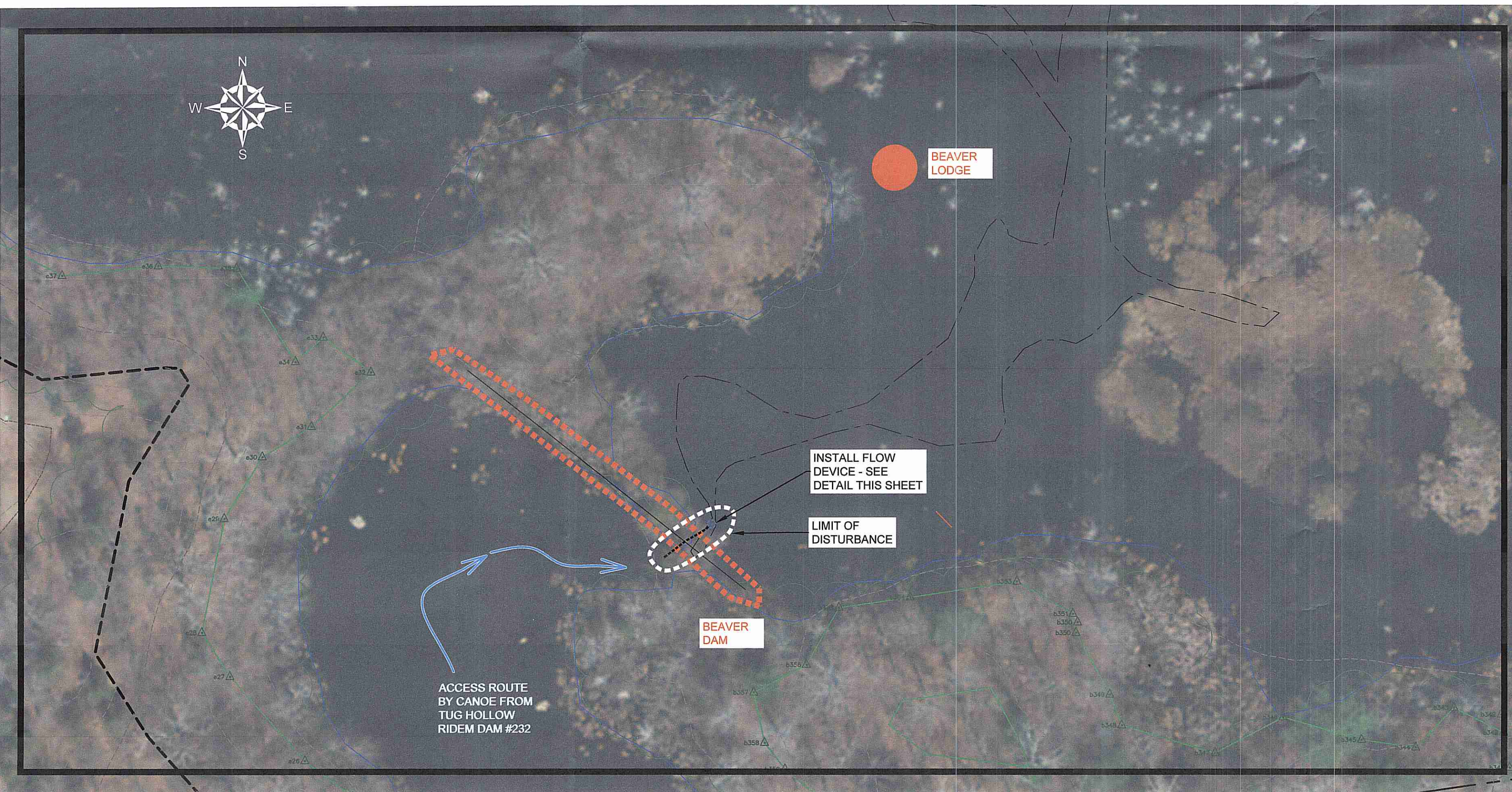
PREPARED BY: <b>GZA GeoEnvironmental, Inc.</b> Engineers and Scientists www.gza.com	PREPARED FOR: JAMES POND REALTY COMPANY, LLC		
PROJ MGR: TLT	REVIEWED BY: EAS	CHECKED BY: MEA	DRAWING
DESIGNED BY: TLT	DRAWN BY: CRB/GRB	SCALE: AS NOTED	2
DATE: MARCH, 2018	PROJECT NO. 03.0034113.04	REVISION NO. 0	

SCALE IN FEET 1" = 200'

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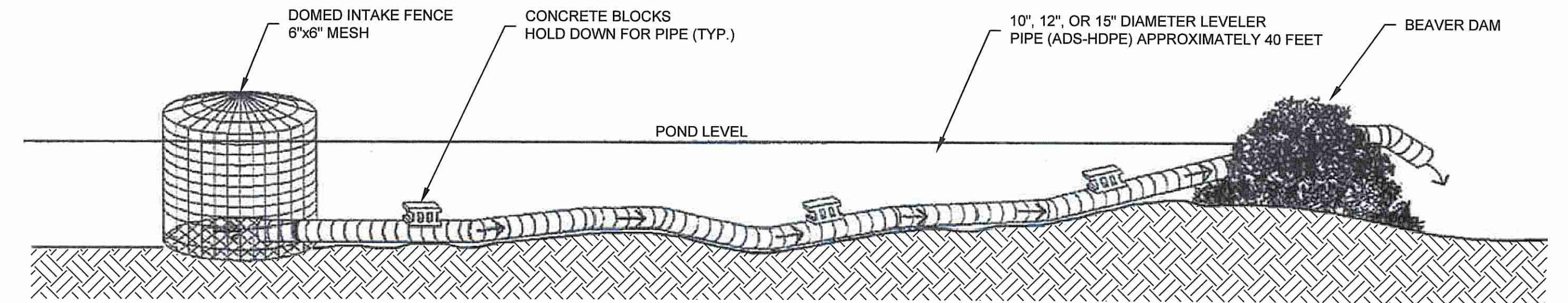
**ENLARGED NORTH AREA PLAN OF BEAVER DAM ON STONE FORD**  
SCALE: 1"=40'



**ENLARGED SOUTH AREA PLAN OF BEAVER DAM**  
SCALE: 1"=40'

**CONSTRUCTION SEQUENCE:**

1. WETLAND BOUNDARIES TO BE CLEARLY MARKED PRIOR TO THE START OF CONSTRUCTION.
2. MATERIALS WILL BE TRANSPORTED ON FOOT OR BY BOAT.
3. NO MATERIAL SHALL BE TAKEN FROM THE WETLANDS, AND NO FILL SHALL BE UTILIZED.
4. ALL WORK SHALL BE DONE BY HAND, WITHOUT THE USE OF MACHINERY, AND NO VEGETATION SHALL BE CUT FOR ACCESS. NO FILL SHALL BE UTILIZED FOR ACCESS OR FLOW DEVICE INSTALLATION.
5. A FLEXIBLE POND LEVELER WATER FLOW DEVICE SHALL BE INSTALLED IN EACH DAM. TO ALLOW NATURAL STREAM FLOW, AN APPROXIMATE 40', 12 INCH PIPE SHALL BE INSERTED INTO EACH BEAVER DAM AT THE TOP OF THE EXISTING DAM. A 6" X 6" INTAKE FENCE WILL BE INSTALLED AROUND THE INLET OF THE PIPE TO PREVENT BLOCKAGE BY BEAVER.
6. BEAVER SOLUTIONS, LLC WILL COMPLETE ANNUAL MONITORING OF THE FLEXIBLE POND LEVELER DEVICE TO ENSURE THAT IT IS OPERATING CORRECTLY.



**FLEXIBLE POND LEVELER**  
NOT TO SCALE

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

**SOURCES:**

1. BASE MAP DEVELOPED FROM PLAN PROVIDED BY LAND USE SPECIALISTS, INC., ENTITLED "PLAN OF SURVEY PREPARED FOR: HELEN D. BUCHANAN, NEW LONDON TURNPIKE & OLD TEN ROD ROAD, EXETER, RHODE ISLAND" DATED 07/18/91, ORIGINAL SCALE 1"=200', DRAWING NUMBERS 1 THROUGH 8, JOB FILE EX901103.
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- BEAVER RIVER 'THREAD' (1991 SURVEY)
- EXISTING TRAIL
- STREAM - RIGIS 2014 AERIAL PHOTO

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WETLANDS AND RIVERS  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS  
AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED APR 02 2018 FILE # 17-0308  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED BY: *Martin D. Wenczek*

0 20' 40' 80' 120'  
SCALE IN FEET 1" = 40'

1	ADDRESSED RIDEM COMMENTS	TLT	3/22/2018
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JAMES POND REALTY COMPANY, LLC EXETER & RICHMOND, RHODE ISLAND			
<b>DETAIL WORK AREA PLANS OF NORTH AND SOUTH BEAVER DAMS - WETLAND DELINEATION AND EROSION CONTROL DETAILS AND NOTES</b>			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: JAMES POND REALTY COMPANY, LLC	
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			SHEET NO. 3 OF 3