

Roger Williams University

DOCS@RWU

---

Documentation

---

## Gray's Mill: Proposed Dredging Plan for Gray's Mill Pond

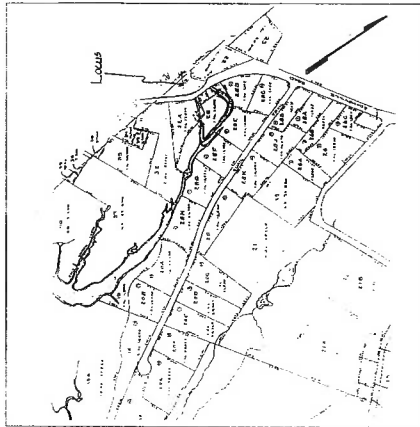
Follow this and additional works at: [https://docs.rwu.edu/baker\\_documentation](https://docs.rwu.edu/baker_documentation)



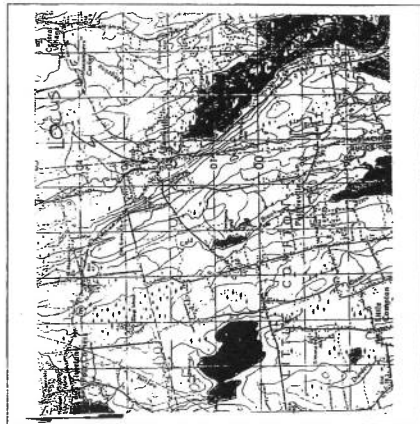
Part of the [Historic Preservation and Conservation Commons](#)

---

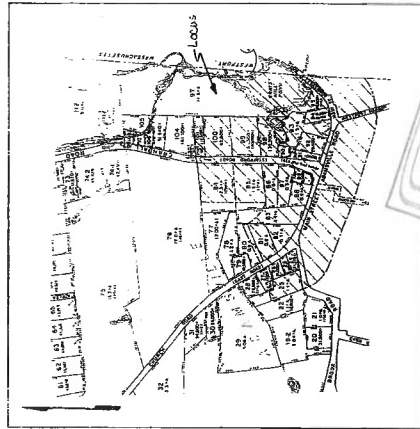
# PROPOSED DREDGING PLAN



**ASSESSORS MAP 79**  
WESTPORT, MASSACHUSETTS  
NOT TO SCALE



**GEODETIC MAP**  
1" = 4167'



**ASSESSORS PLAT 42**  
LITTLE COMPTON, RHODE ISLAND  
NOT TO SCALE



**INDEX**

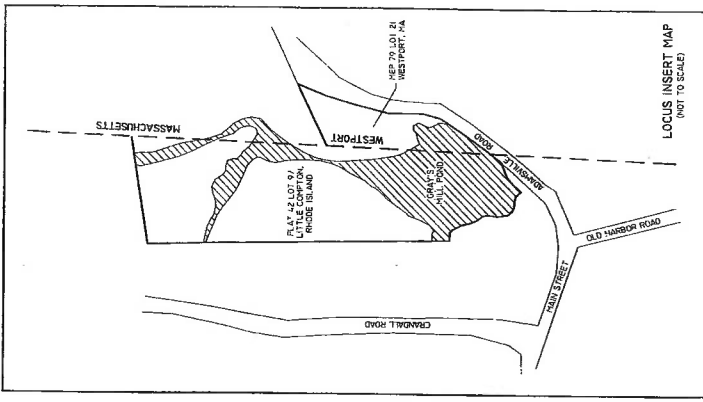
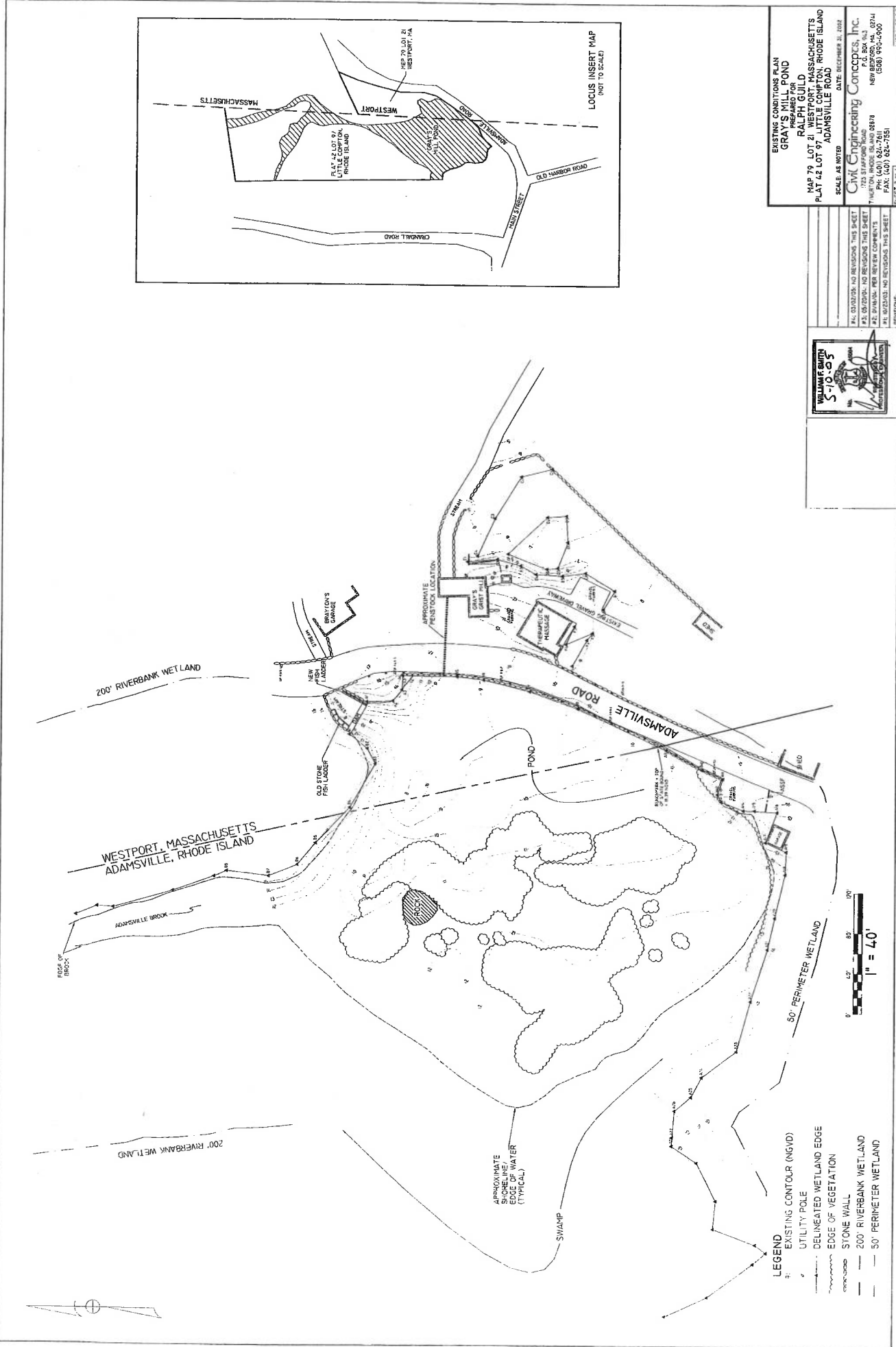
- SHEET 1 COVER SHEET
- SHEET 2 EXISTING CONDITIONS PLAN
- SHEET 3 PROPOSED DREDGING, SEDIMENTATION,  
& SOIL EROSION CONTROL PLAN
- SHEET 4 DETAIL SHEET

## GRAY'S MILL POND

MAP 79 LOT 21 WESTPORT, MASSACHUSETTS  
PLAT 42 LOT 97 LITTLE COMPTON, RHODE ISLAND  
ADAMSVILLE ROAD



PROPOSED DREDGING PLAN  
GRAY'S MILL POND  
RALPH GUILD  
MAP 79 LOT 21 WESTPORT, MASSACHUSETTS  
PLAT 42 LOT 97 LITTLE COMPTON, RHODE ISLAND  
ADAMSVILLE ROAD  
SCALE: AS NOTED DATE: DECEMBER 31, 2002  
**Civil Engineering Concepts, Inc.**  
1333 STATE STREET  
THURTON, RHODE ISLAND 02878  
PH: (401) 524-7501 NEW BEDFORD, MA 02741  
(508) 992-4900  
REGISTERED PROFESSIONAL ENGINEER  
SHEET 1 OF 3

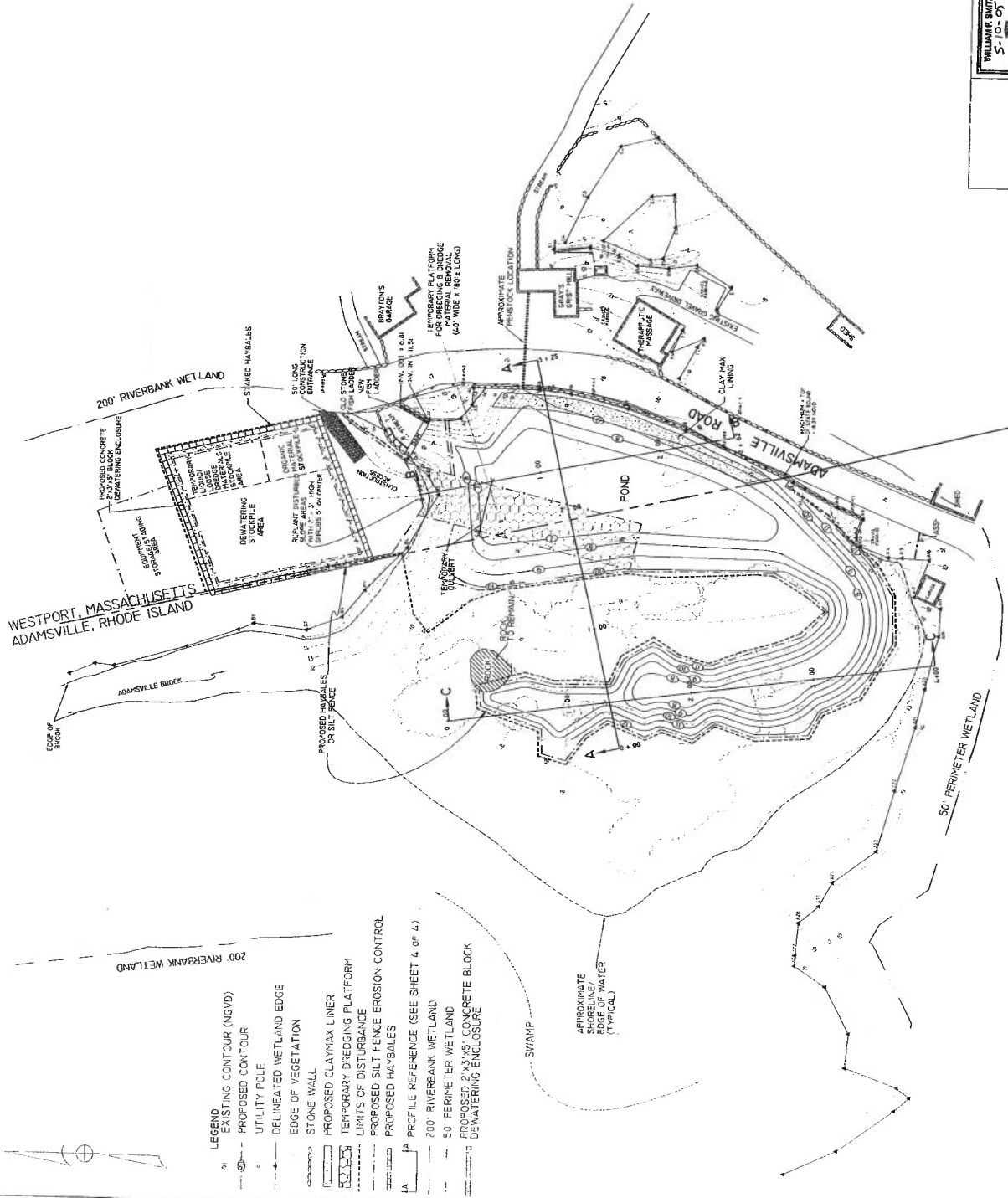


EXISTING CONDITIONS PLAN  
 GRAVEL FILL POND  
 PREPARED FOR  
 RALPH GUILD  
 MAP 79 LOT 21 WESTPORT, MASSACHUSETTS  
 PLAT 42 LOT 19 LITTLE COYTON RHODE ISLAND  
 SCALE: AS NOTED DATE: DECEMBER 31, 2002  
 CIVIL ENGINEERING CONCEPTS, INC.  
 773 STAFFORD ROAD  
 WESTPORT, MASSACHUSETTS 01891  
 PHONE: (407) 624-7611  
 FAX: (407) 624-7551

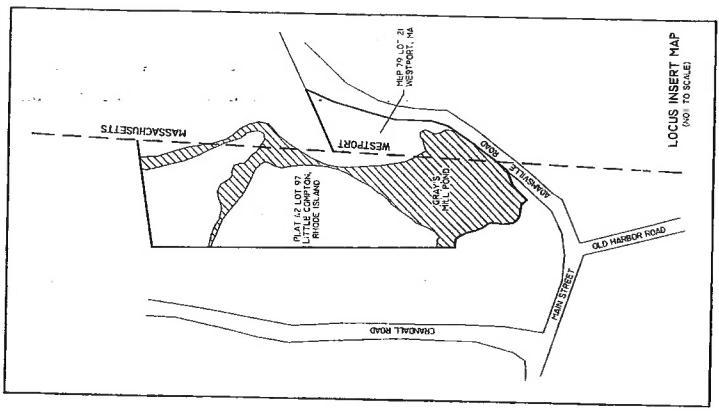
| REVISIONS                            | DATE | BY | DESCRIPTION |
|--------------------------------------|------|----|-------------|
| #1: CLARIFY AND REVISIONS THIS SHEET |      |    |             |
| #2: DIVIDE PER REVIEW COMMENTS       |      |    |             |
| #3: DIVIDE PER REVIEW COMMENTS       |      |    |             |
| #4: DIVIDE PER REVIEW COMMENTS       |      |    |             |



- LEGEND
- - - - - EXISTING CONTOUR (NGVD)
  - o UTILITY POLE
  - - - - - DELINEATED WETLAND EDGE
  - - - - - EDGE OF VEGETATION
  - — — — STONE WALL
  - - - - - 200' RIVERBANK WETLAND
  - - - - - 50' PERIMETER WETLAND



- LEGEND**
- ① EXISTING CONTOUR (NGVD)
  - PROPOSED CONTOUR
  - UTILITY POLE
  - - - DELINEATED WETLAND EDGE
  - - - EDGE OF VEGETATION
  - ▬ STONE WALL
  - ▭ PROPOSED CLAYMAX LINER
  - ▭ TEMPORARY DREDGING PLATFORM
  - - - LIMITS OF DISTURBANCE
  - - - PROPOSED SILT FENCE
  - - - PROPOSED EROSION CONTROL
  - ▭ PROPOSED HAYBALES
  - A-A PROFILE REFERENCE (SEE SHEET 4 OF 4)
  - 200' RIVERBANK WETLAND
  - 50' PERIMETER WETLAND
  - ▭ PROPOSED 2'X3'X5' CONCRETE BLOCK DEWATERING ENCLOSURE



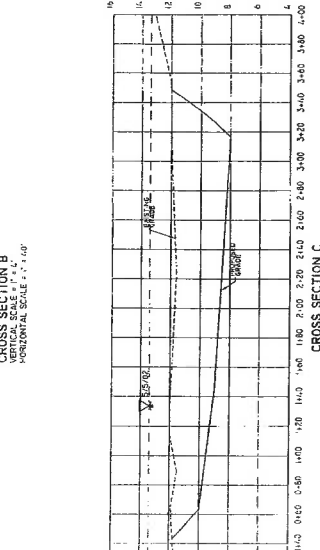
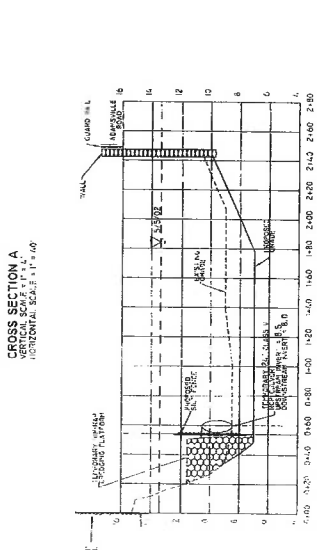
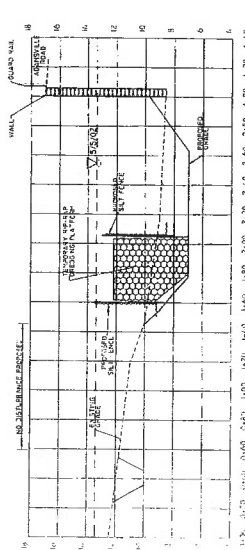
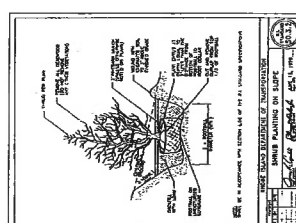
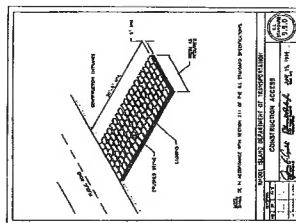
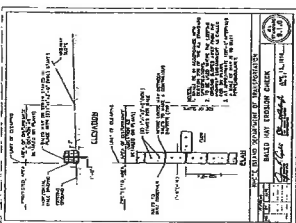
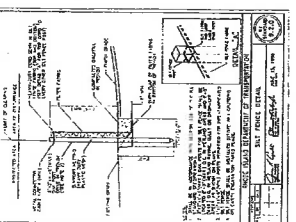
PROPOSED DREDGING, SEDIMENTATION,  
 & SOIL EROSION CONTROL PLAN  
 GRAVEL SAND FILL FOND  
 PREPARED FOR  
**RALPH GUILD**  
 MAP 79 LOT 21 WESTPORT, MASSACHUSETTS  
 PLAY #2 LOT 97 WESTPORT, MASSACHUSETTS  
 SCALE AS NOTED ADAMSVILLE DATE DECEMBER 31, 2004



Civil Engineering Concepts, Inc.  
 123 STAFFORD ROAD  
 WESTPORT, MASSACHUSETTS 02740  
 TEL: (603) 521-7501  
 FAX: (603) 521-7551

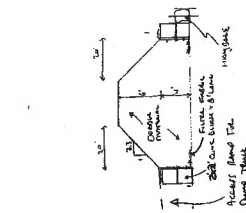
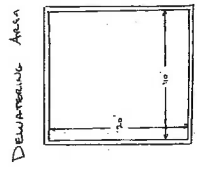


SHEET 3 OF 3



- DREDGING OPERATIONS:**
- 1) EVERY'S CONSTRUCTION METHODOLOGY, SAFETY PLANS, CONTACT PERSONS WITH TELEPHONE NUMBERS, MEANS TO PROTECT THE RESOURCE AREA AND OTHER APPROPRIATE AS DAYS PRIOR TO START OF CONSTRUCTION TO THE STATE OF RHODE ISLAND AND THE WESTPORT CONSERVATION COMMISSION FOR THEIR APPROVAL.
  - 2) A PRECONSTRUCTION CONFERENCE SHALL BE HELD BETWEEN THE CONTRACTOR, THE AGENT AND THE WESTPORT CONSERVATION COMMISSION (WPCOM), WESTPORT CONSERVATION AGENT AND THE WESTPORT CONSERVATION COMMISSION (WPCOM), WESTPORT CONSERVATION AND THE RHODE ISLAND DEH.
  - 3) SILT FENCINGS SHALL BE INSTALLED AROUND AREA TO BE DREDGED TO PREVENT MATERIAL FROM ESCAPING THE DREDGING AREA. SILT FENCINGS SHALL REMAIN IN PLACE AND BE MAINTAINED AS NECESSARY TO ENSURE PROPER PLUGGING.
  - 4) THE MAJORITY OF THE DREDGING SHALL BE ACCOMPLISHED BY CLAM SHELL BUCKET FROM A CRANE LOCATED ON A TEMPORARY DREDGING PLATFORM. THESE DREDGING OPERATIONS WILL ONLY BE ALLOWED WITHIN THE POND AREA. DREDGE SPILLS SHALL BE PLACED IN THE DENATURING AREA AND DREDGED UNTIL THEY CAN BE REMOVED IN LINED, WATERTIGHT AND COVERED TRUCKS UNDER NO CIRCUMSTANCES SHALL THE MATERIAL REMAIN IN THE DENATURING AREA FOR MORE THAN 72 HOURS.
  - 5) ANY DEBRIS OR SOLIDS COLLECTED IN THE DREDGE MATERIAL SHALL BE REPAKED WHILE IN THE DENATURING AREA, REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE REGULATIONS. ALL MATERIAL SHALL BE DISPOSED OF OR REUSED TO THE APPLICANT'S PROPERTY. WESTPORT ASSOCIATES, WESTPORT LOCATION WILL BE REUSED AS A SOIL AMENDMENT OR FOR ORGANIC SOIL IN WETLAND REPLACEMENT AREAS. THIS REUSE OF THE DREDGE MATERIAL SHALL BE SUBJECT TO THE CONDITIONS SET FORTH IN THE REQUIRED MASSACHUSETTS WATER QUALITY CERTIFICATION.
  - 6) DAILY THROUGH SEPTIMBERS COORDINATE WITH USFWS BAY OWNERS TO REDUCE FLOW THROUGH POND AS MUCH AS POSSIBLE.
  - 7) 24\"/>

- DEWATERING OPERATIONS:**
- 1) DEWATERING AREA SHALL BE CONSTRUCTED PRIOR TO ANY DREDGING OPERATIONS.
  - 2) ACCESS ROAD AND CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED PRIOR TO ANY DREDGING OPERATION.
  - 3) WITHIN THE DEWATERING AREA SHALL BE POSITIONED:
    - a) 3 SEPARATE AREAS SHALL BE MAINTAINED WITHIN THE DEWATERING AREA FOR GENERAL DREDGE MATERIAL THAT IS RELATIVELY FREE FROM WATER, SATURATED DREDGE
    - b) DREDGAS SHALL TAKE PLACE DURING WETTER OR DRY WEATHER WHEN THE POND IS VIRTUALLY DRY. DREDGE MATERIAL SHALL BE DELIVERED VIA DUMP TRUCK TO THE DREDGING AREA AND THEN TO THE DEWATERING AREA. THE MATERIAL IN THE APPROPRIATE STORAGE AREA IN THAT AREA WHERE IT WILL BE ALLOWED TO DRY OUT FOR TWO DAYS AND THEN BE TRANSPORTED TO THE GENERAL DREDGE MATERIAL AREA.
    - c) THE GENERAL DREDGE MATERIAL AND THE ORGANIC SOIL SHALL BE STORED IN THE DEWATERING AREA UNTIL IT IS POSSIBLE TO FACILITATE DEWATERING. AFTER THREE DAYS, THE SEPARATE PILES WILL BE CONSOLIDATED TO THE REAR OF THE DEWATERING AREA. THE MATERIAL SHALL BE APPROXIMATELY 10' AND ALLOWED TO REMAIN UNTIL OF DREDGE OPERATIONS ARE COMPLETED AND SOIL REMOVAL OPERATIONS CAN OCCUR.



**DETAIL SHEET**  
**GRAY'S MILL POND**  
 PREPARED FOR  
**RALPH GUILD**  
 MAP 79 LOT 21 WESTPORT, MASSACHUSETTS  
 PLAT 42 LOT 97 GUILLETT CREEK, RHODE ISLAND  
 SCALE AS NOTED DATE: DECEMBER 11, 2002

**Civil Engineering Concepts, Inc.**  
 775 STATE ROAD  
 BOX 62  
 WESTPORT, MASSACHUSETTS 01881  
 PH: (401) 624-7611  
 FAX: (401) 624-7551



ALL ORDERS: ADDITIONAL DEDUCE NOTES  
 ALL ORDERS: ADDITIONAL DEDUCE NOTES  
 ALL ORDERS: ADDITIONAL DEDUCE NOTES  
 ALL ORDERS: ADDITIONAL DEDUCE NOTES