CITY OF NEWTON MASSACHUSETT

PLANS FOR THE RESTORATION OF

LAUNDRY BROOK DRAINAGE SYSTEM

INCLUDING

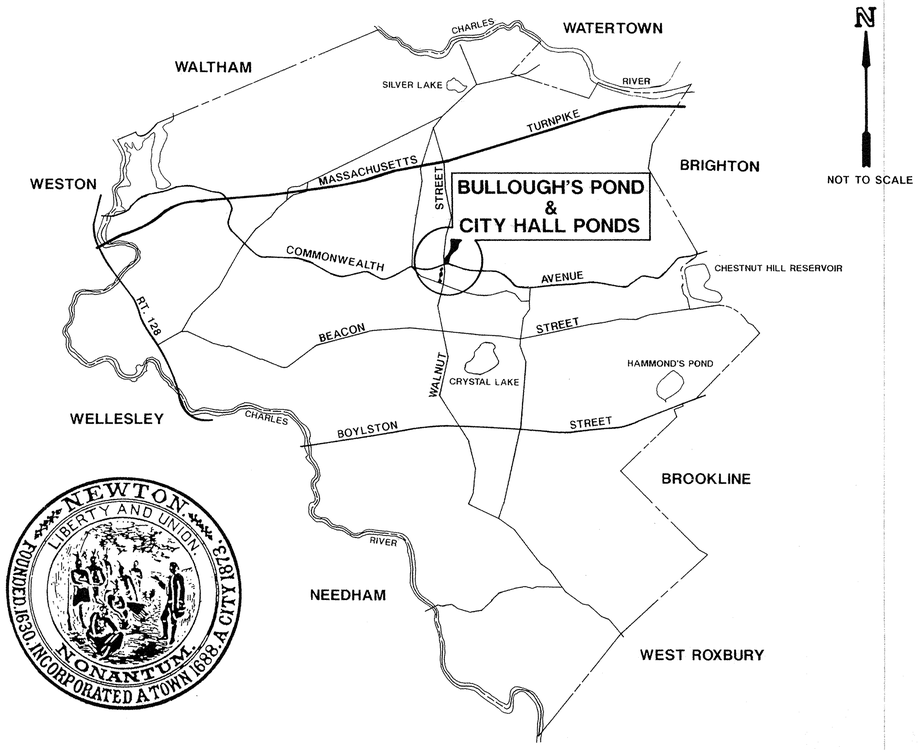
BULLOUGH'S AND CITY HALL PONDS

&

COLD SPRING AND HAMMOND BROOK CULVERT

LIST OF DRAWINGS

1. COVER SHEET
2. INDEX PLAN
3. CULVERT CLEANING PLAN
4. CITY HALL PONDS RESTORATION PLAN
5. CITY HALL PONDS CROSS SECTIONS
6. CITY HALL PONDS CROSS SECTIONS & DETAILS
7. BULLOUGH'S POND RESTORATION PLAN
8. BULLOUGH'S POND CROSS SECTIONS
9. BULLOUGH'S POND CROSS SECTIONS
10. BULLOUGH'S POND STRUCTURE MODIFICATIONS
11. POND DRAIN VALVE DETAILS
12. SEDIMENT STRUCTURE "A" DETAILS
13. SEDIMENT STRUCTURE "B" & "C" DETAILS
14. MISCELLANEOUS DETAILS



A PROGRAM FUNDED AND ADMINISTI

THE COMMONWEALTH OF MASSACHUSETTS,
DEPARTMENT OF ENVIRONMENTAL MANAGEME
DIVISION OF WATERWAYS, RIVERS AND HARBO
AND
CITY OF NEWTON
THEODORE D. MANN, MAYOR
JAMES L. HICKEY, COMMISSIONER OF PUBLIC
PAUL W. GIUNTA, CITY ENGINEER

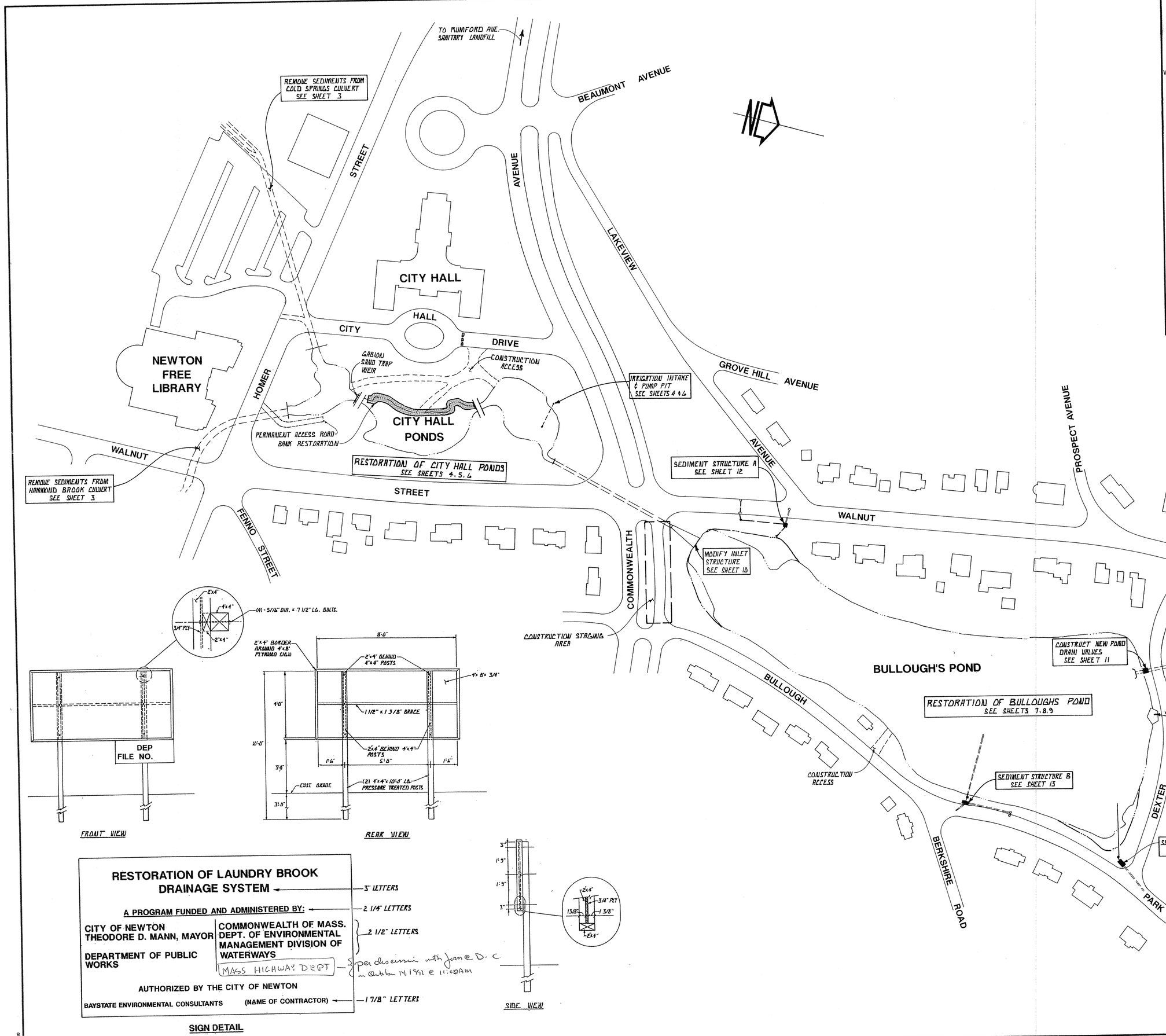
PREPARE

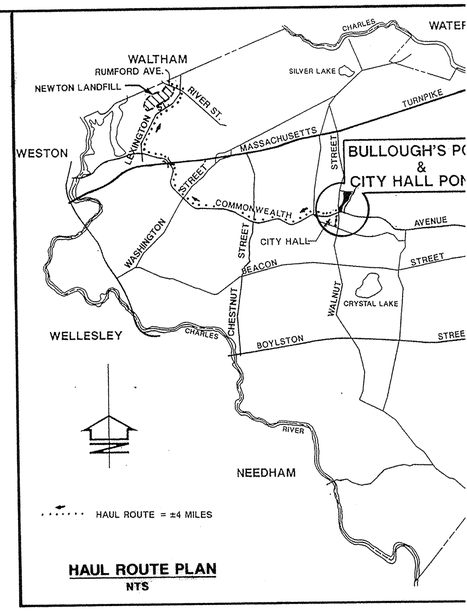
COMMONWEALTH OF MASSACHUSETTS
MICHAEL PROCTOR
CIVIL
No. 34924
REGISTERED PROFESSIONAL ENGINEER

BSC
Engineers
296 North Main Street

BAYSTATE
CON
Scientists

156140
JOSEPH MERRITT & CO





HAUL ROUTE PLAN
NTS

RESTORATION OF LAUNDRY BROOK DRAINAGE SYSTEM — 3" LETTERS

A PROGRAM FUNDED AND ADMINISTERED BY: — 2 1/4" LETTERS

CITY OF NEWTON
THEODORE D. MANN, MAYOR

DEPARTMENT OF PUBLIC WORKS

COMMONWEALTH OF MASS.
DEPT. OF ENVIRONMENTAL MANAGEMENT DIVISION OF WATERWAYS

MASS HIGHWAY DEPT — per discussion with Jim D. on October 14, 1992 @ 11:00AM

— 2 1/2" LETTERS

AUTHORIZED BY THE CITY OF NEWTON

BAYSTATE ENVIRONMENTAL CONSULTANTS (NAME OF CONTRACTOR) — 1 7/8" LETTERS

SIGN DETAIL
3/4"=1'-0"

NO.	DATE	

SHEET TITLE

INDEX PLA

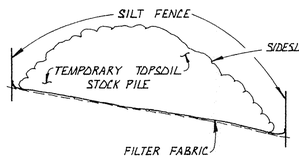
PROJECT

RESTORATON OF LAU
DRAINAGE SY
NEWTON, M

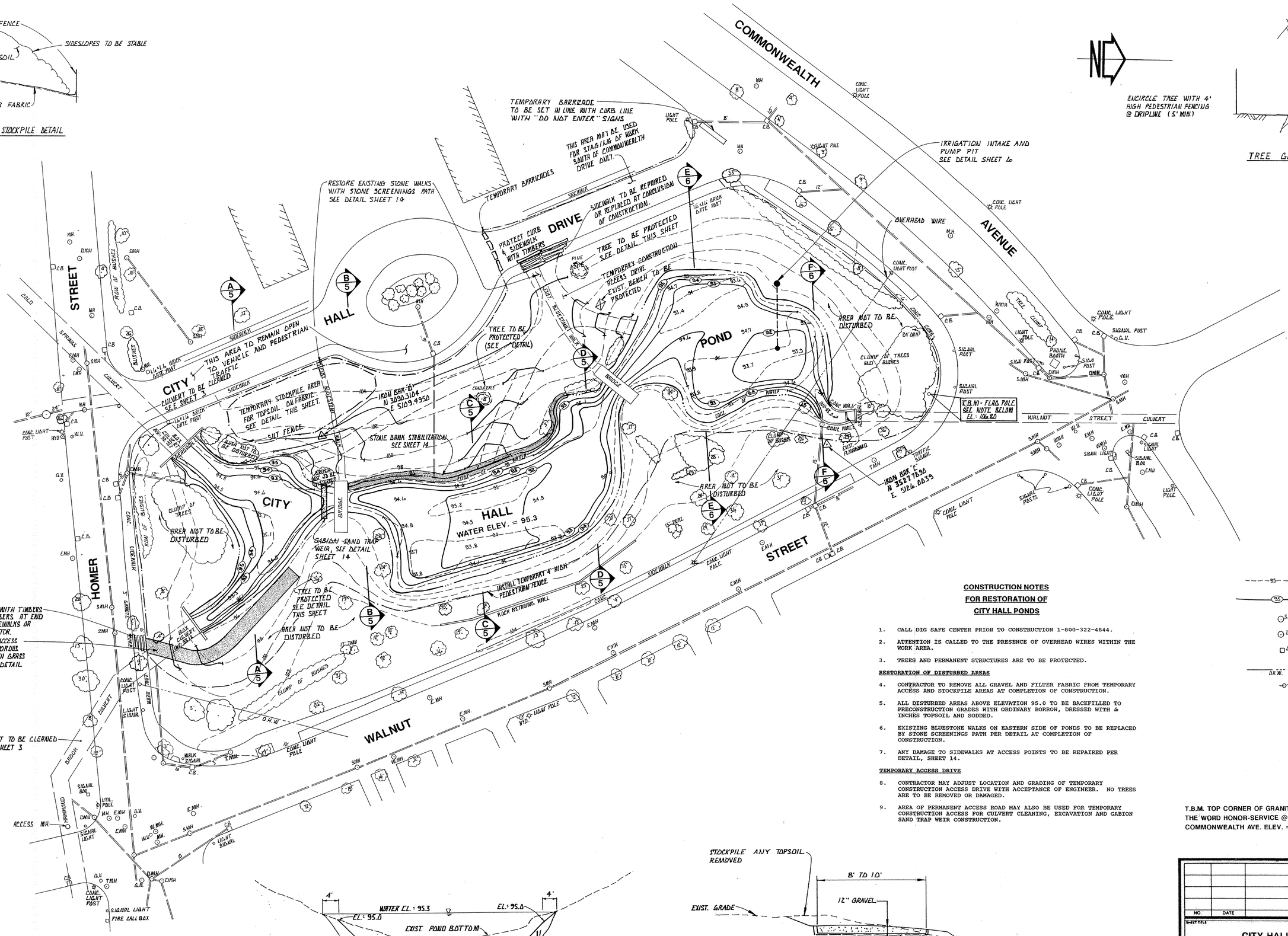
BAYSTATE
CON

Engineers Scientists
296 North Main Street

JOSEPH MERRITT & CO



TEMPORARY SOIL STOCKPILE DETAIL
NTS



TREE GUARD
NTS

CONSTRUCTION NOTES FOR RESTORATION OF CITY HALL PONDS

1. CALL DIG SAFE CENTER PRIOR TO CONSTRUCTION 1-800-322-4844.
2. ATTENTION IS CALLED TO THE PRESENCE OF OVERHEAD WIRES WITHIN THE WORK AREA.
3. TREES AND PERMANENT STRUCTURES ARE TO BE PROTECTED.

RESTORATION OF DISTURBED AREAS

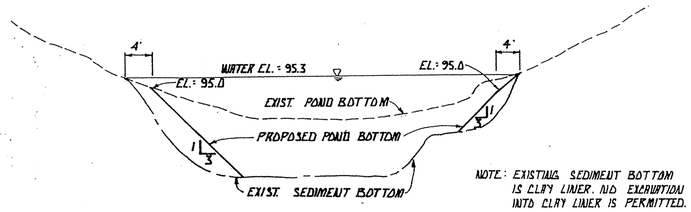
4. CONTRACTOR TO REMOVE ALL GRAVEL AND FILTER FABRIC FROM TEMPORARY ACCESS AND STOCKPILE AREAS AT COMPLETION OF CONSTRUCTION.
5. ALL DISTURBED AREAS ABOVE ELEVATION 95.0 TO BE BACKFILLED TO PRECONSTRUCTION GRADES WITH ORDINARY BORROW, DRESSED WITH 6 INCHES TOPSOIL AND SODDED.
6. EXISTING BLUESTONE WALKS ON EASTERN SIDE OF PONDS TO BE REPLACED BY STONE SCREENINGS PATH PER DETAIL AT COMPLETION OF CONSTRUCTION.
7. ANY DAMAGE TO SIDEWALKS AT ACCESS POINTS TO BE REPAIRED PER DETAIL, SHEET 14.

TEMPORARY ACCESS DRIVE

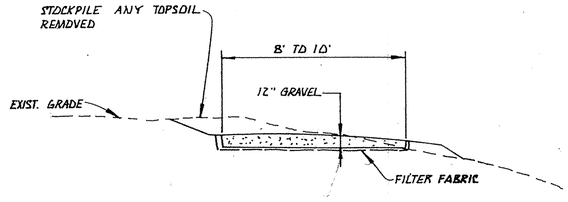
8. CONTRACTOR MAY ADJUST LOCATION AND GRADING OF TEMPORARY CONSTRUCTION ACCESS DRIVE WITH ACCEPTANCE OF ENGINEER. NO TREES ARE TO BE REMOVED OR DAMAGED.
9. AREA OF PERMANENT ACCESS ROAD MAY ALSO BE USED FOR TEMPORARY CONSTRUCTION ACCESS FOR CULVERT CLEANING, EXCAVATION AND GABION SAND TRAP WEIR CONSTRUCTION.

LEG

T.B.M. TOP CORNER OF GRANITE BAS
THE WORD HONOR-SERVICE @ SW. C
COMMONWEALTH AVE. ELEV. = 106.8



TYPICAL SECTION
NTS



TEMPORARY CONSTRUCTION ACCESS DRIVE CROSS SECTION
NTS

COMMONWEALTH OF MASSACHUSETTS
MICHAEL PROCTOR
CIVIL
No. 34926
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REV

SHEET TITLE
CITY HALL PON
RESTORATION P

PROJECT
RESTORATION OF LAUN
DRAINAGE SYST
NEWTON, MA

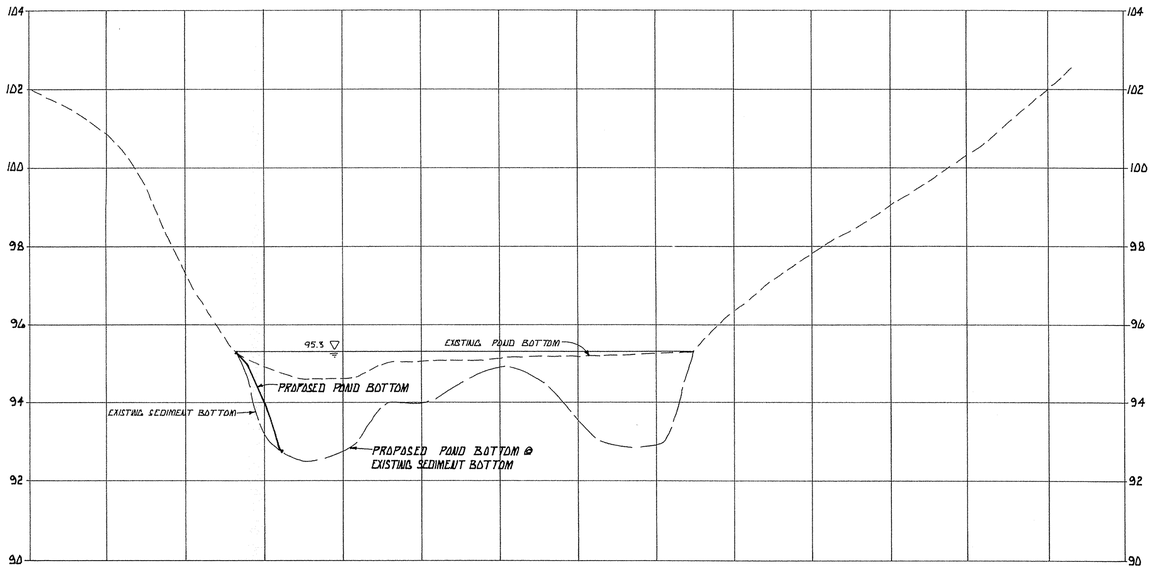
BAYSTATE E
CONSU

Engineers
296 North Main Street

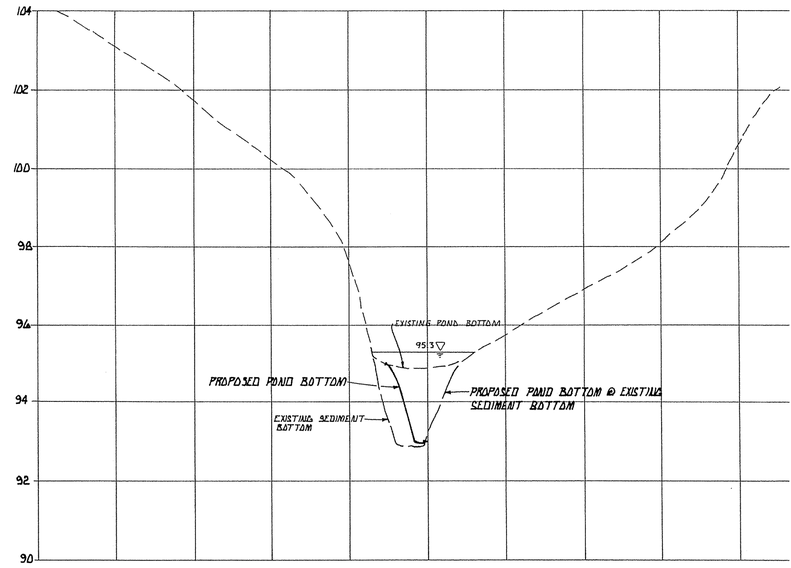
Scientists

Eas

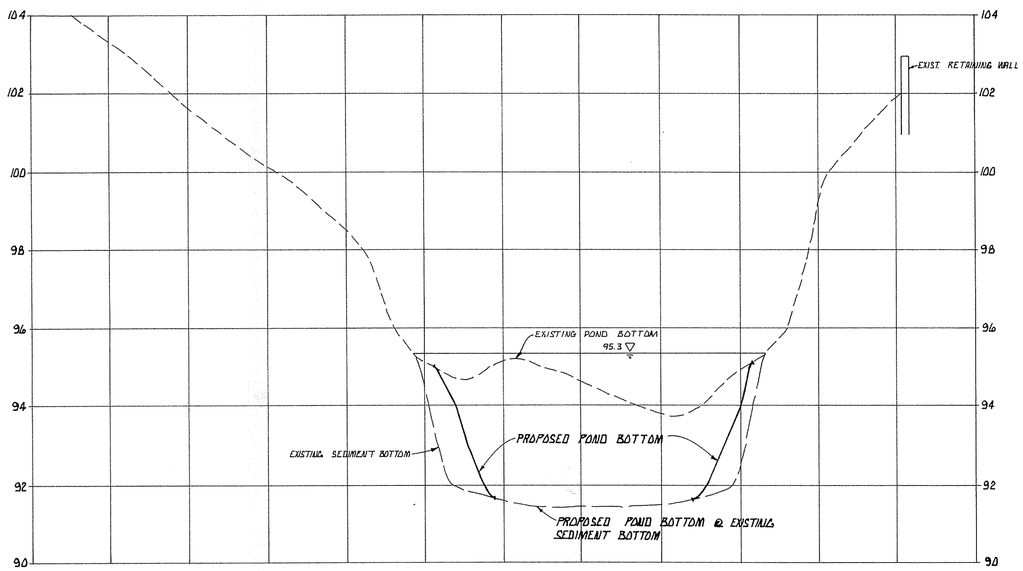
JOSEPH MERRITT & CO



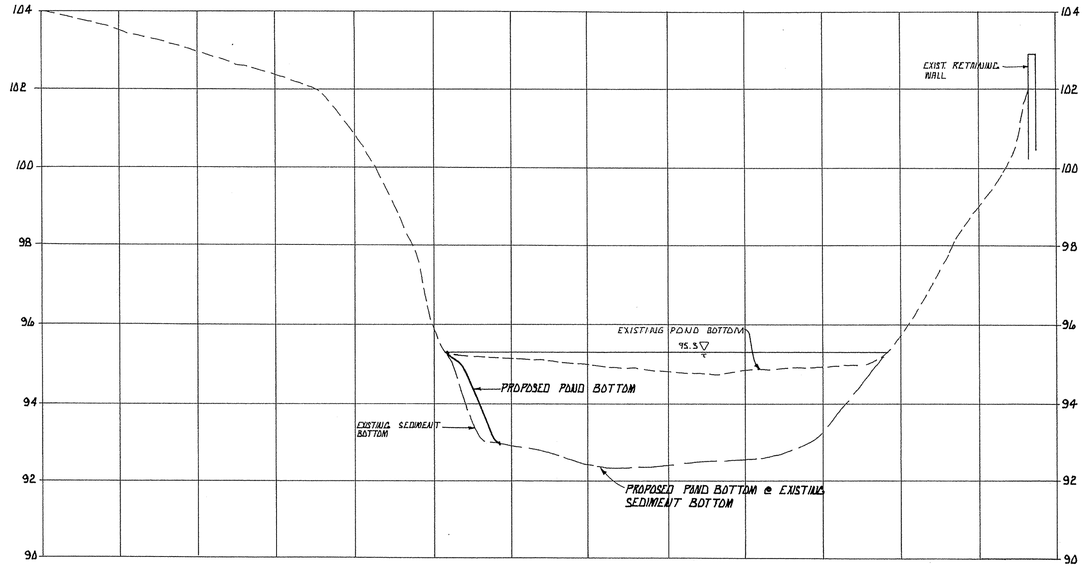
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

COMMONWEALTH OF MASSACHUSETTS
MICHAEL PROCTOR
CIVIL
No. 34924
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REVISI

SHEET TITLE

CITY HALL POND
CROSS SECTION

PROJECT

RESTORATION OF LAUNDI
DRAINAGE SYSTE

NEWTON, MA

BAYSTATE ENV
CONSULTA

Engineers Scientists

296 North Main Street East Lo

164140

JOSEPH MERRITT & CO