



US Army Corps
of Engineers®
New England District

696 Virginia Road
Concord, MA 01742-2751

PUBLIC NOTICE

Date: June 29, 2004

Comment Period Ends: July 29, 2004

File Number: NAE-2004-366

In Reply Refer To: Alan R. Anacheka-Nasemann

Or by e-mail:alan.r.anacheka-nasemann@usace.army.mil

Mr. Thomas J. McColgan, Springfield Redevelopment Authority, 1441 Main Street, Springfield, Massachusetts 01103 has requested a Corps of Engineers permit under Section 404 of the Clean Water Act to discharge fill material into 61,270 square feet (1.41 acres) of freshwater wetlands in order to facilitate cleanup of oil and hazardous materials from an existing 85-acre brownfield site. The proposed project entails permanent impacts to 6,425 square feet (0.15 acre) of wetlands and temporary impacts to 54,845 square feet (1.26 acres) of additional wetlands. The purpose of the project is to remediate the site in accordance with Commonwealth of Massachusetts Contingency Plan Regulations (310 CMR 40.000), protect public health and safety, and the environment, and restore wetlands temporarily impacted by site remediation activities. This work is proposed in wetlands at 2100 Roosevelt Avenue, Springfield, Massachusetts. The work is described on the enclosed plans entitled "Springfield Redevelopment Authority, Springfield Massachusetts Memorial Park II Remediation Project," on 23 sheets, and dated "October, 2003."

Specific details are shown on the attached plans and are described are as follows:

- (1) Fill 4,520 square feet (0.104 acre) of existing Wetland B;
- (2) Fill 1,905 square feet (0.044 acre) of existing Wetland D
- (3) Excavate contaminants, regrade and restore mixed wetland and open water habitat to a 33,060 square-foot (0.76-acre) fire pond;
- (4) Excavate contaminants, regrade and restore wetland habitat to 3,310 square feet (0.076 acre) of existing Wetland C; and
- (5) Excavate contaminants, regrade and restore wetland habitat to 18,475 square feet (0.424 acre) of existing Wetland D.

Excavated soils will be disposed of within contaminated upland areas shown on the attached plans as the "West Field." Engineered barriers will be constructed within the West Field, to isolate all contaminated soils from the environment. An additional, permeable soil cap will be constructed in an area shown on the plans as the "South Field." The cap will be placed over contaminated uplands area adjacent to Wetland D, and will encompass the above-noted 1,905 square-foot filled portion of Wetland D.

As mitigation for the permanent loss of 6425 square feet (0.15 acre) of existing wetlands, the applicant has proposed to restore approximately 14,020 square feet (0.32 acre) of wetlands at three different locations on the site. Restoration of 54,845 square feet (1.26 acres) of temporarily altered wetlands will occur in place after contaminated materials are removed.

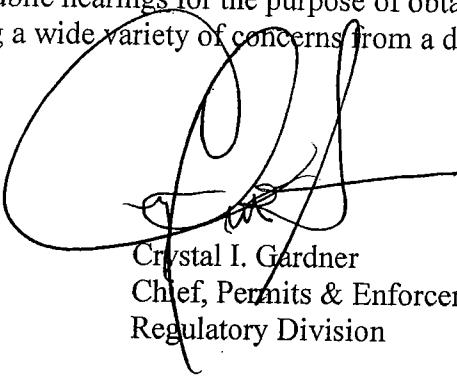
Site remediation activities will also entail the permanent losses of existing wetlands E and F, totaling 1035 square feet (0.02 acre), located within the West Field. Wetlands E and F are isolated, intrastate waters with no nexus to interstate or foreign commerce, and are not waters of the United States. A Corps of Engineers Permit is not required for the discharge of fill material into Wetlands E or F. Pursuant to Section 404 of the Clean Water Act, the U.S. Army Corps of Engineers regulates only those areas depicted on the plans as the Fire Pond and Wetlands A, B, C, D, G, I, J, K, L, M, and N as waters of the United States, including non-tidal wetlands.

This project is located on the USGS Springfield North quadrangle sheet at UTM coordinates 4667511 N and 702352 E (Zone 18).

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Alan R. Anachecka-Nasemann at (978) 318-8214, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

SEE NEXT PAGE FOR
DETAILS OF EVALUATION
FACTORS



Crystal I. Gardner
Chief, Permits & Enforcement Branch
Regulatory Division

The decision whether to issue a permit will be based on an evaluation of the probable impact 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 may reasonably 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, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s)

Pursuant to the Endangered Species Act, the District Engineer is hereby requesting that the appropriate Federal Agency provide comments regarding the presence of and potential impacts to listed species or its critical habitat.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, License or Assent from State.
- (X) Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

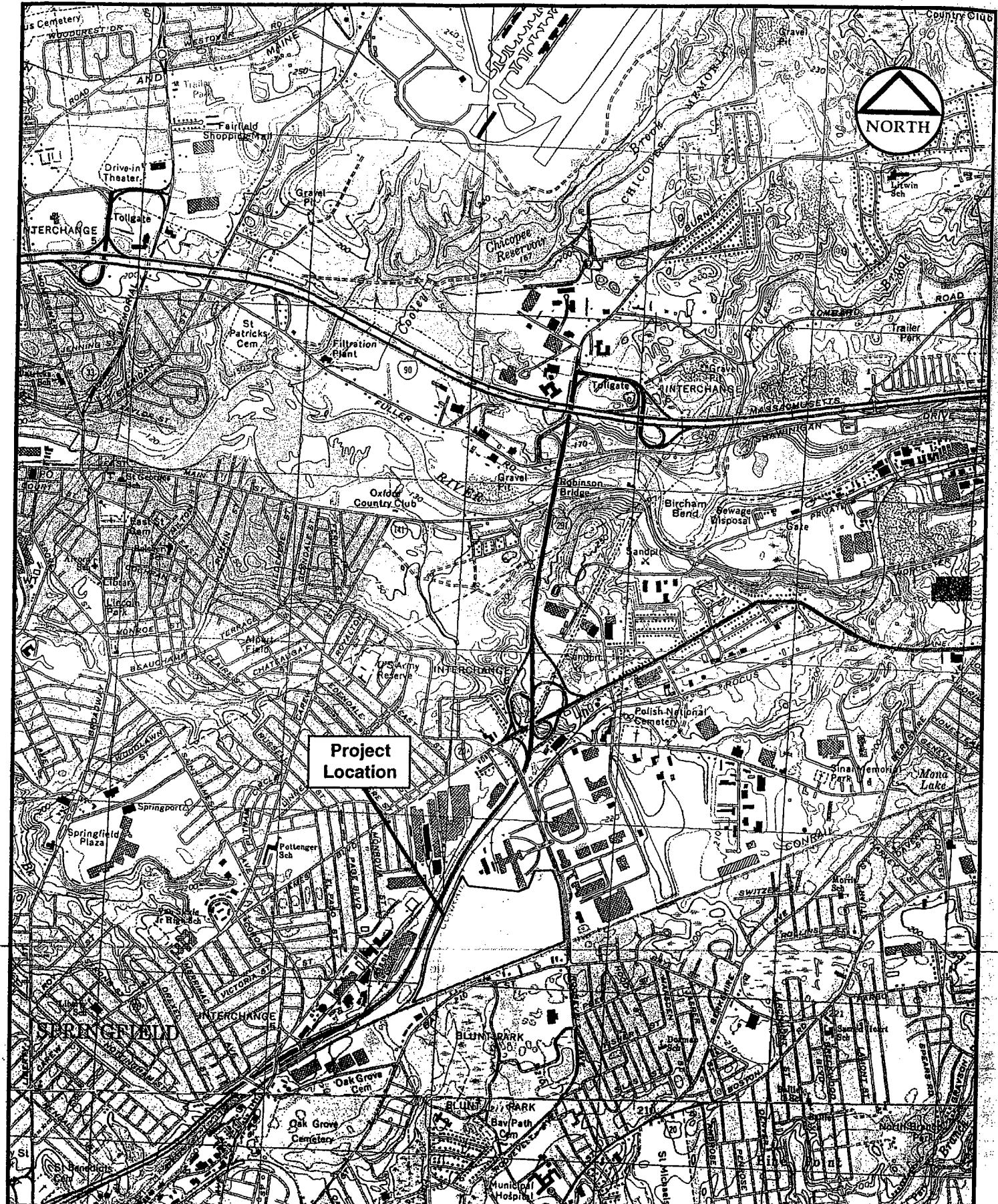
The States of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____

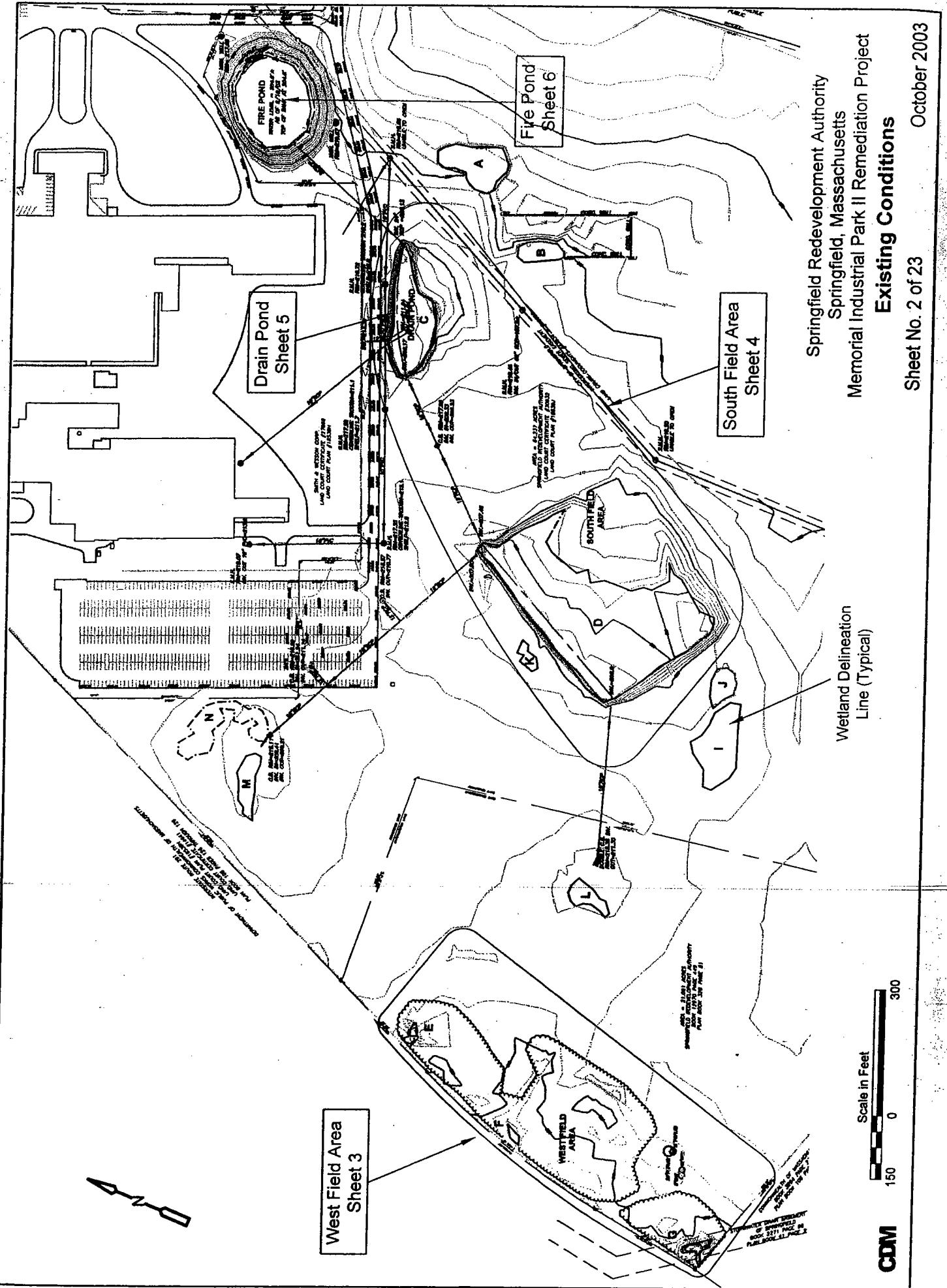


0 2000 4000
Scale In Feet

Springfield Redevelopment Authority
Smith & Wesson Site Remediation Project
Springfield, Massachusetts

Sheet 1 of 23
Project Location Map

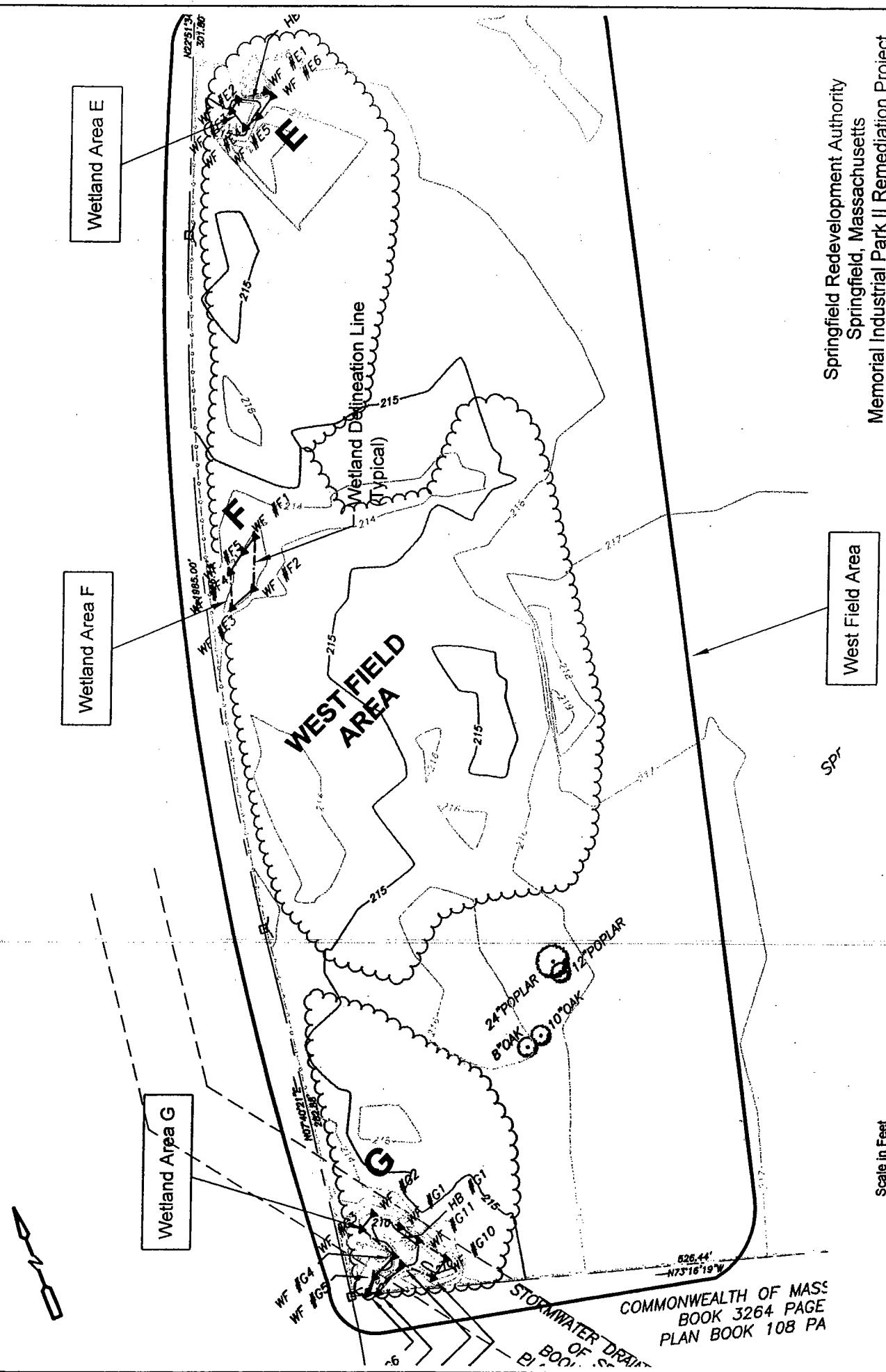
CDM

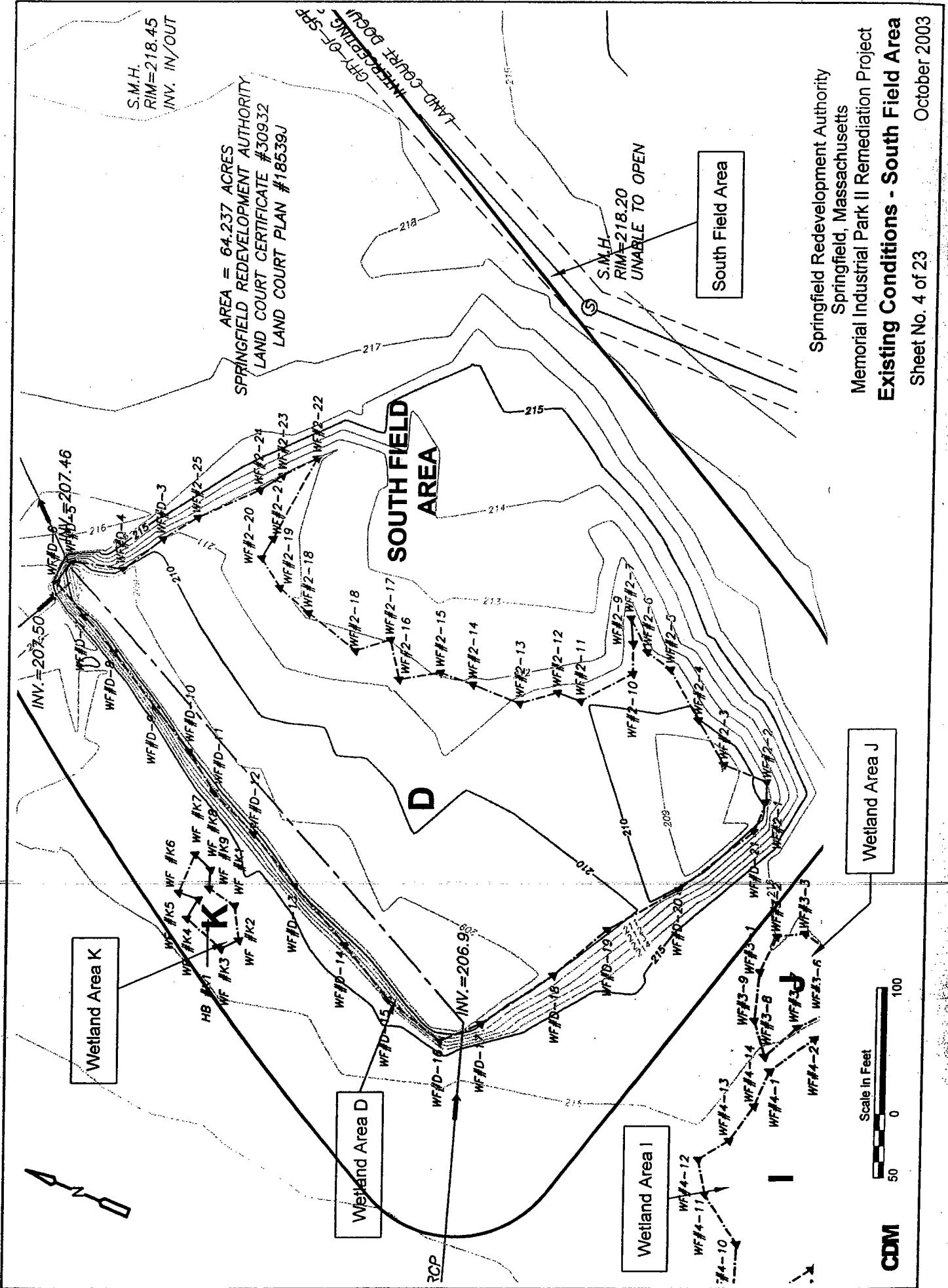


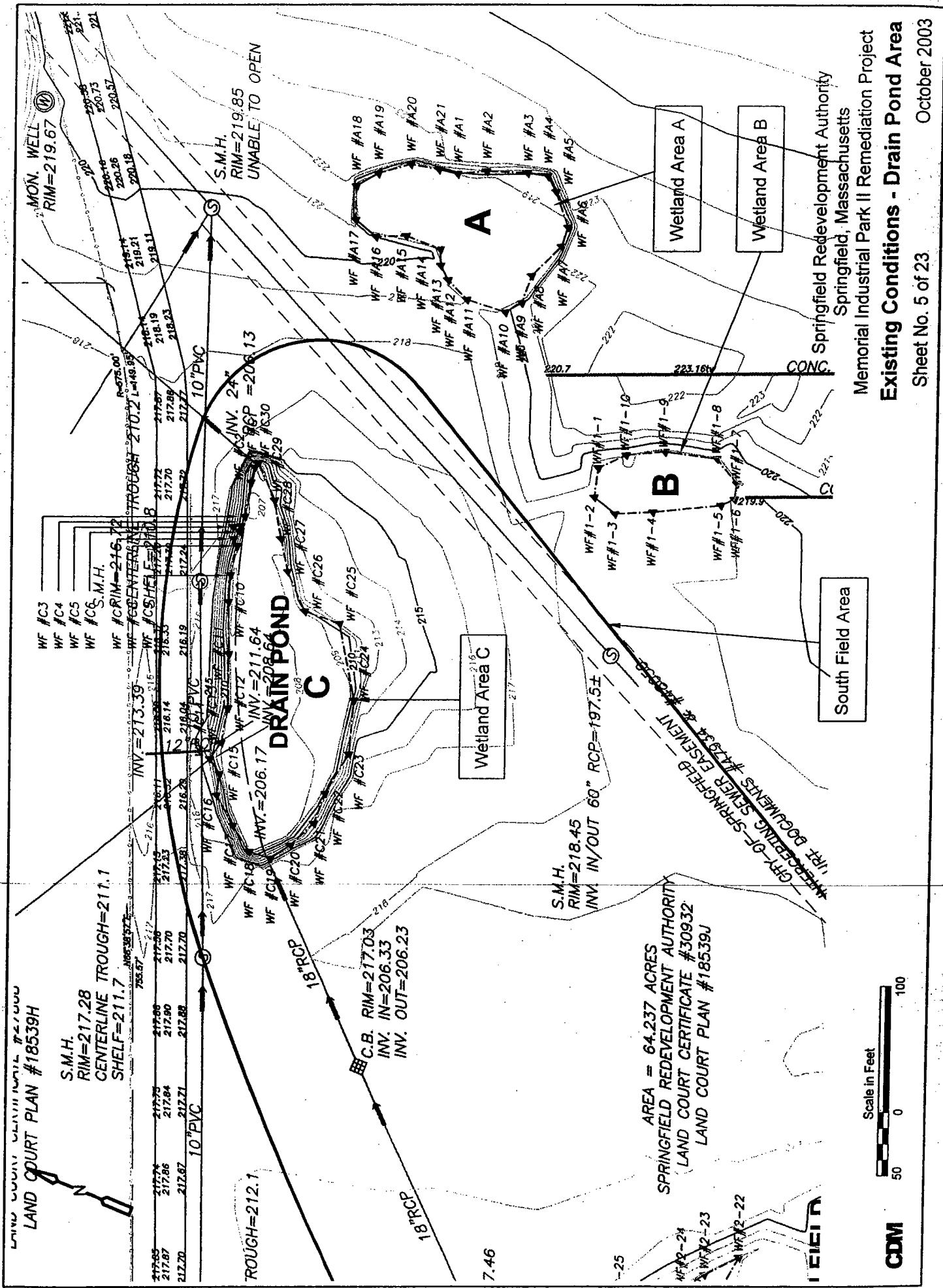
Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project
Existing Conditions

Sheet No. 2 of 23
October 2003

Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project
Existing Conditions - West Field Area
Sheet No. 3 of 23 October 2003







AREA = 64.237 ACRES
SPRINGFIELD REDEVELOPMENT AUTHORITY
LAND COURT CERTIFICATE #30932
LAND COURT PLAN #18539J

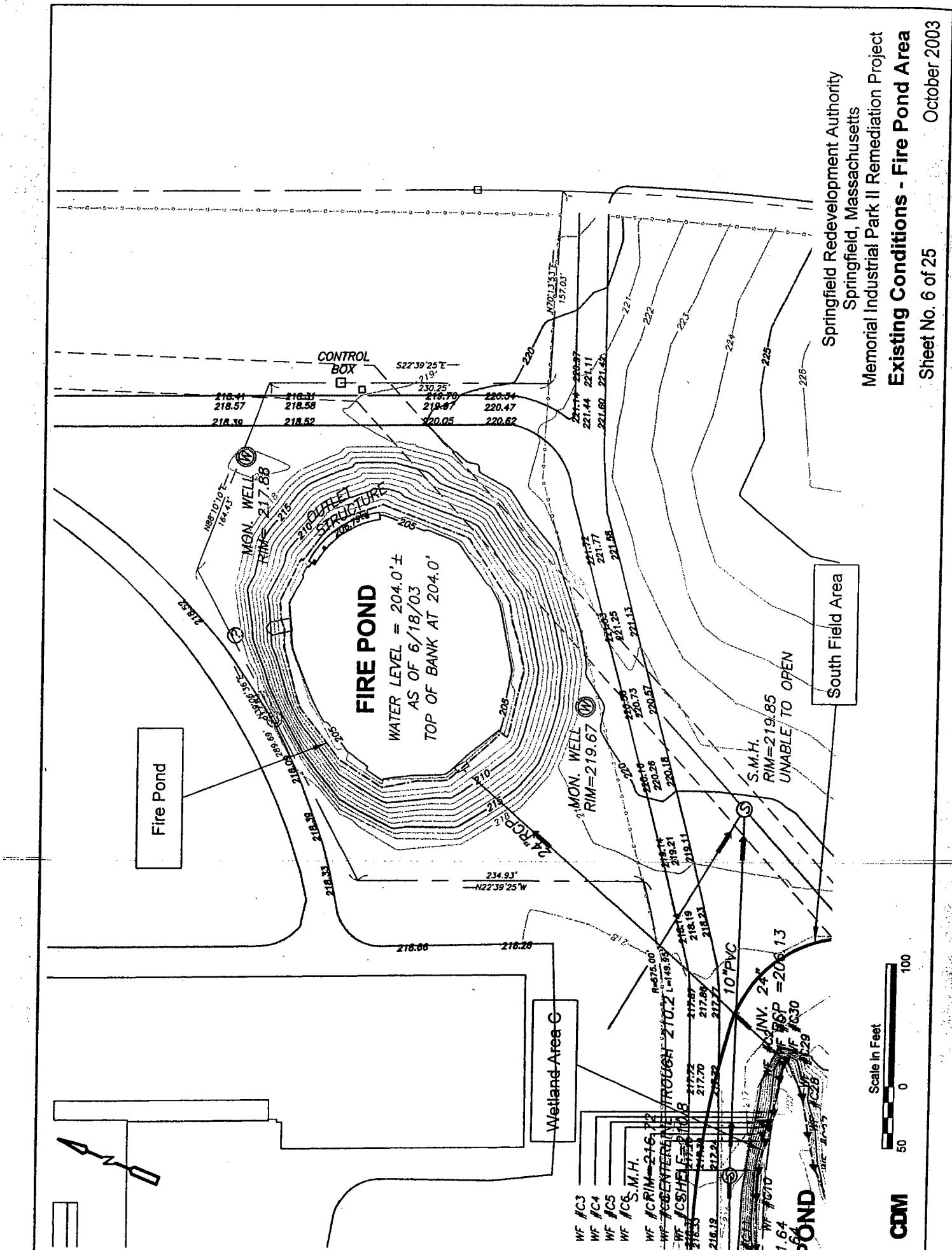
Scale in Feet

Scale in Feet

CDM

Memorial Industrial Park II Remediation Project

Sheet No. 5 of 23
October 2003



Existing Conditions - Fire Pond Area

Sheet No. 6 of 25 October 2003

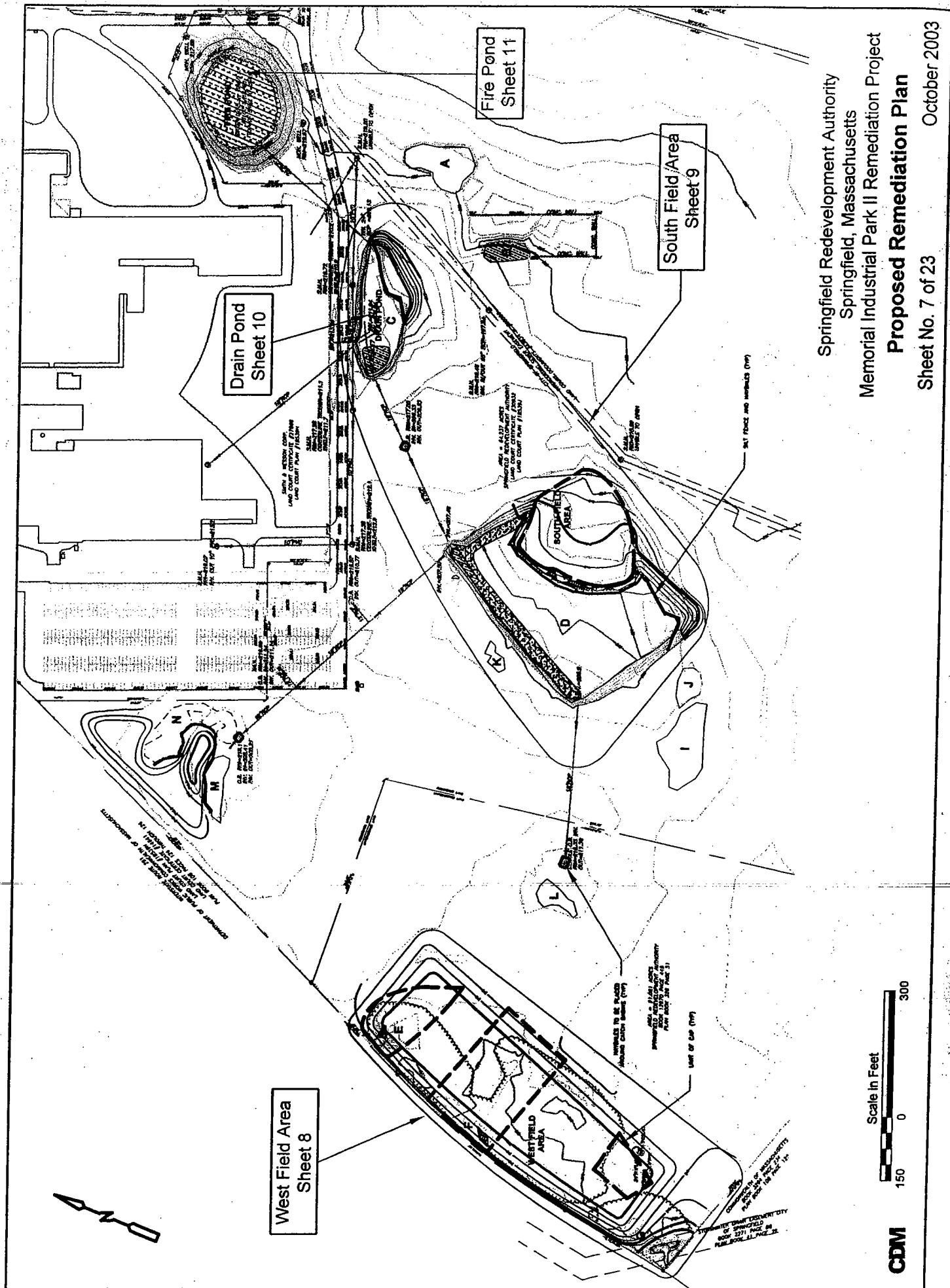
Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project

30

Scale in Feet

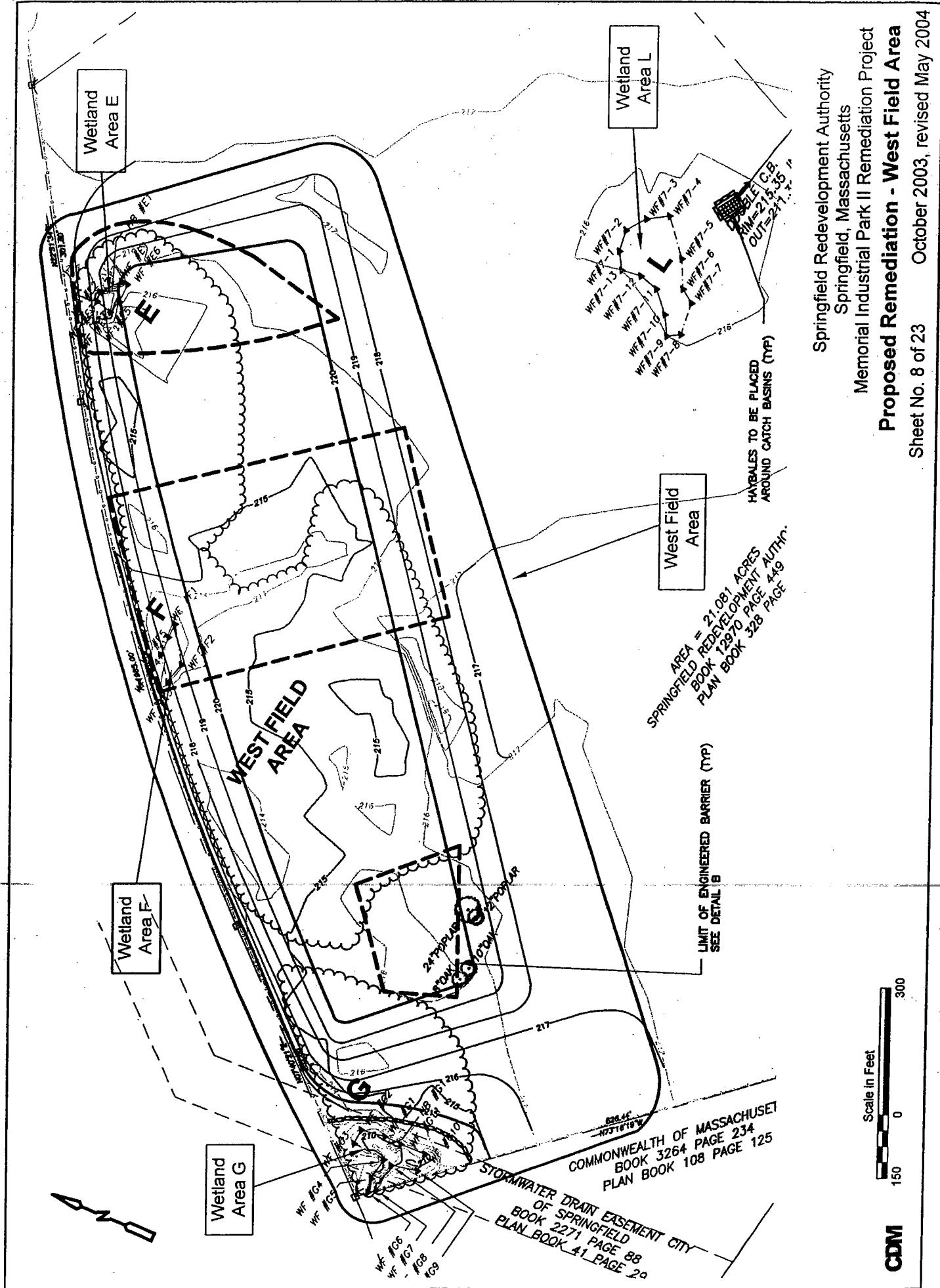


50 0 100



Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project
Proposed Remediation Plan
Sheet No. 7 of 23 October 2003

CDM



Proposed Remediation - West Field Area

Sheet No. 8 of 23 October 2003, revised May 2004

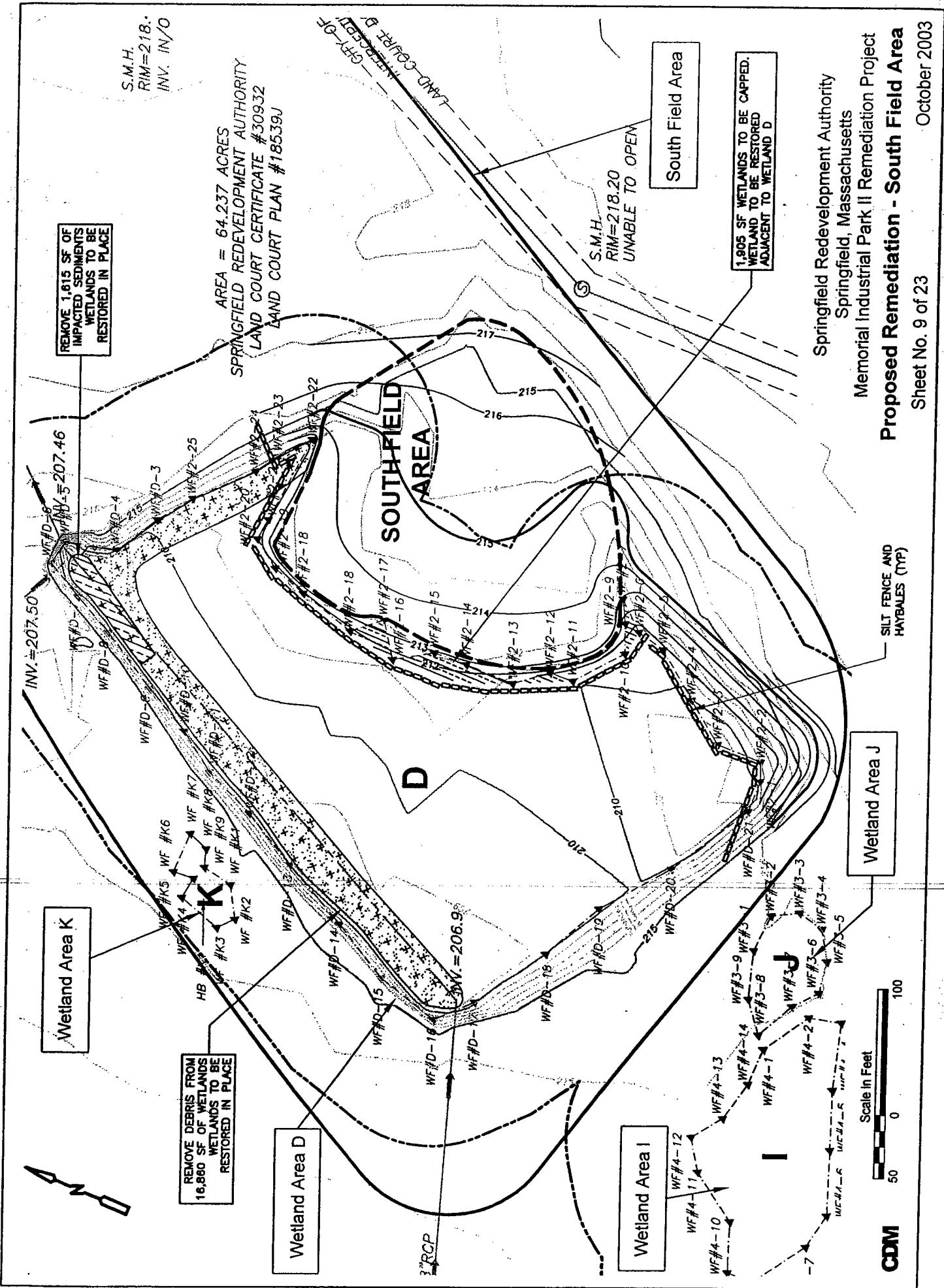
Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project

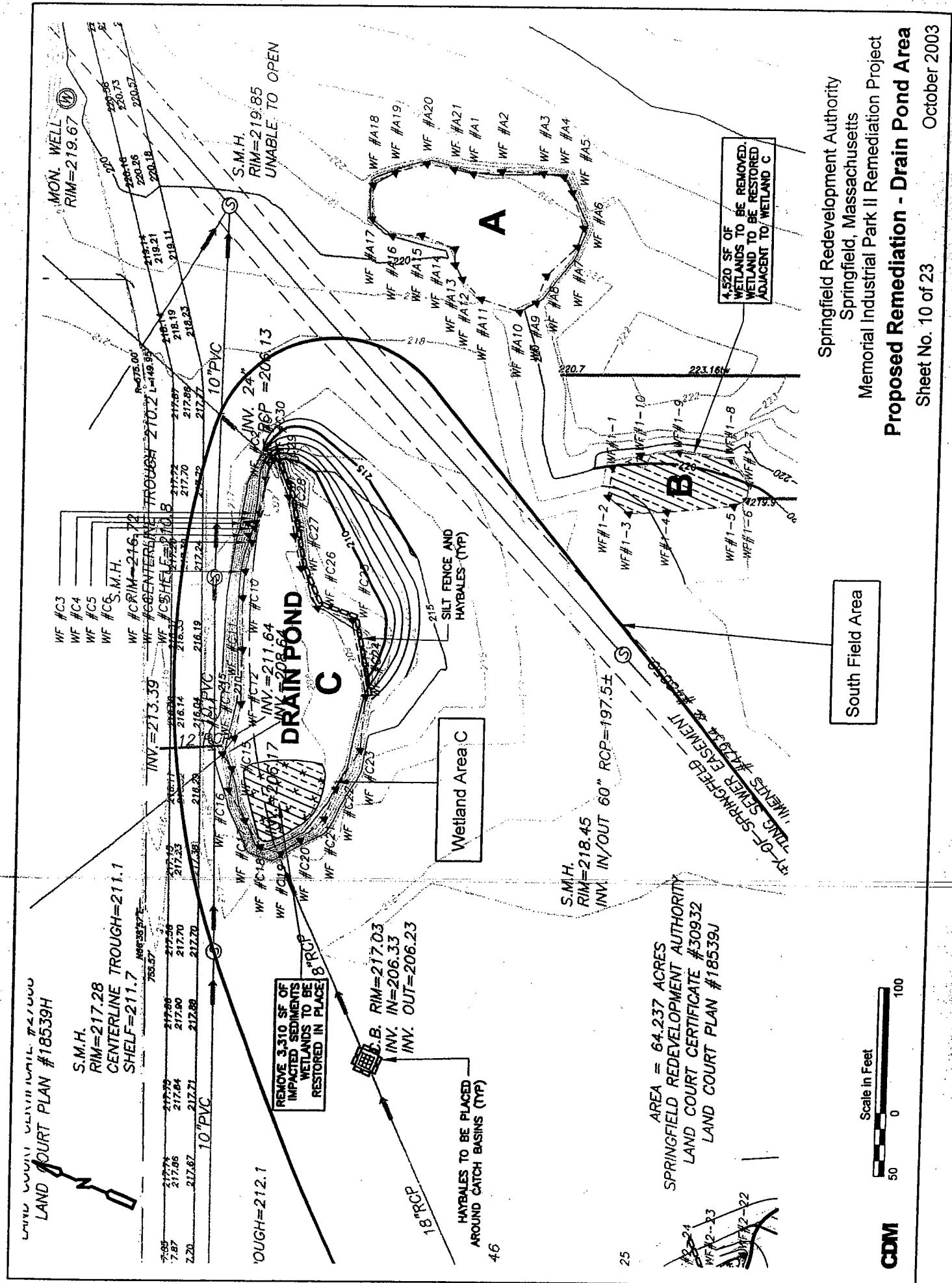
Scale in Feet



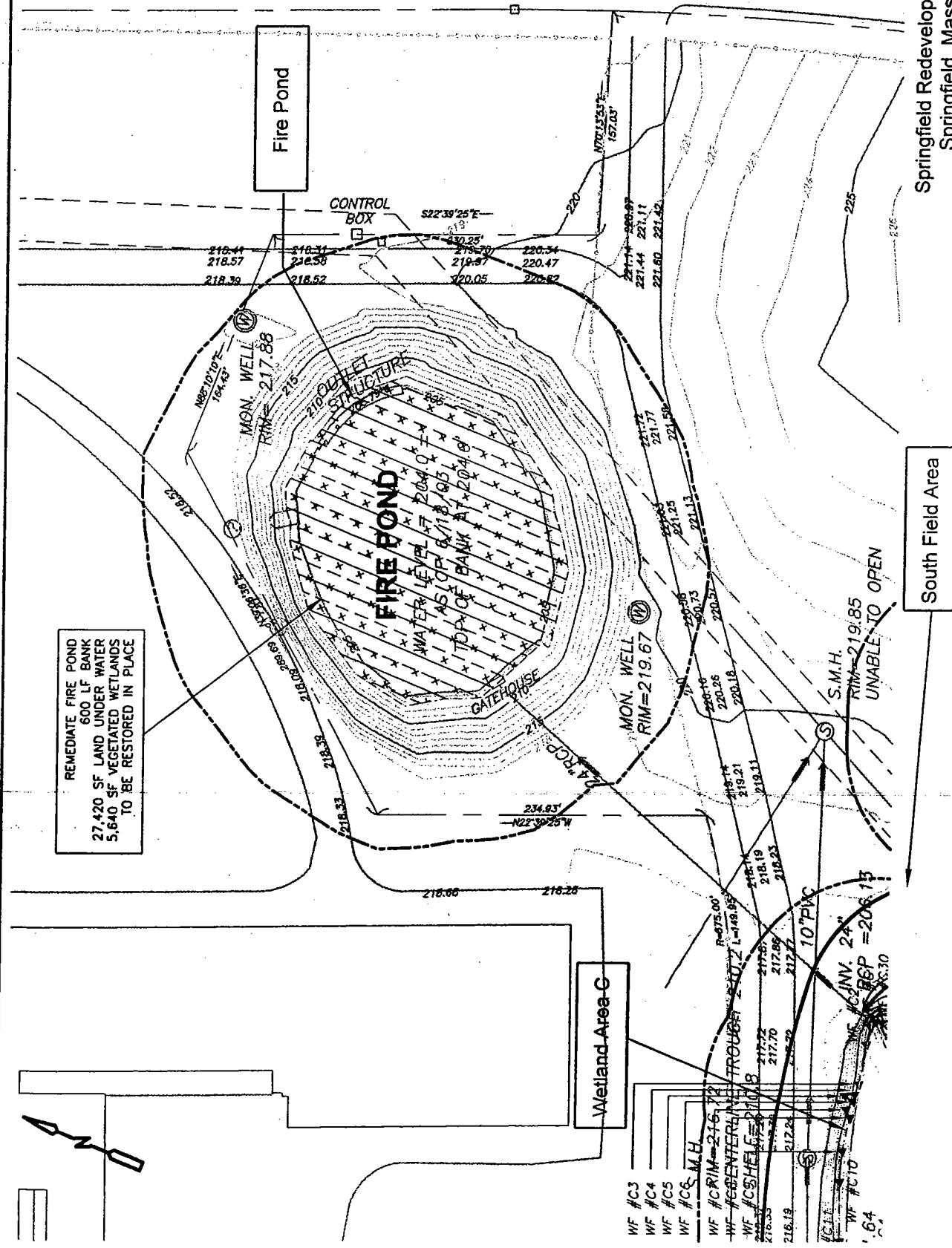
150 0 300

COM

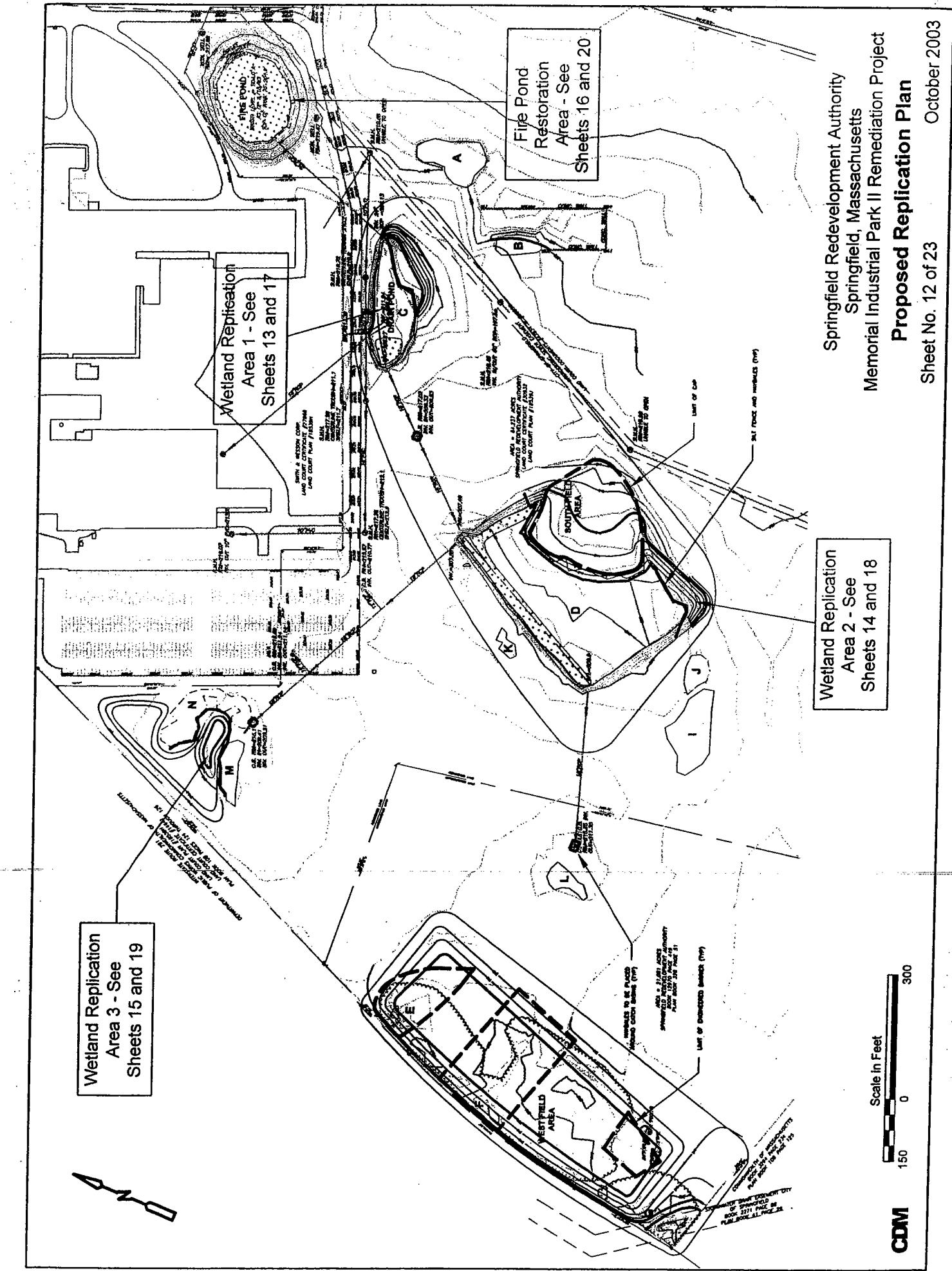




Springfield Redevelopment Authority
 Springfield, Massachusetts
 Memorial Industrial Park II Remediation Project
Proposed Remediation - Drain Pond Area
 Sheet No. 10 of 23
 October 2003



Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project
Proposed Remediation - Fire Pond Area
Sheet No. 11 of 23 October 2003

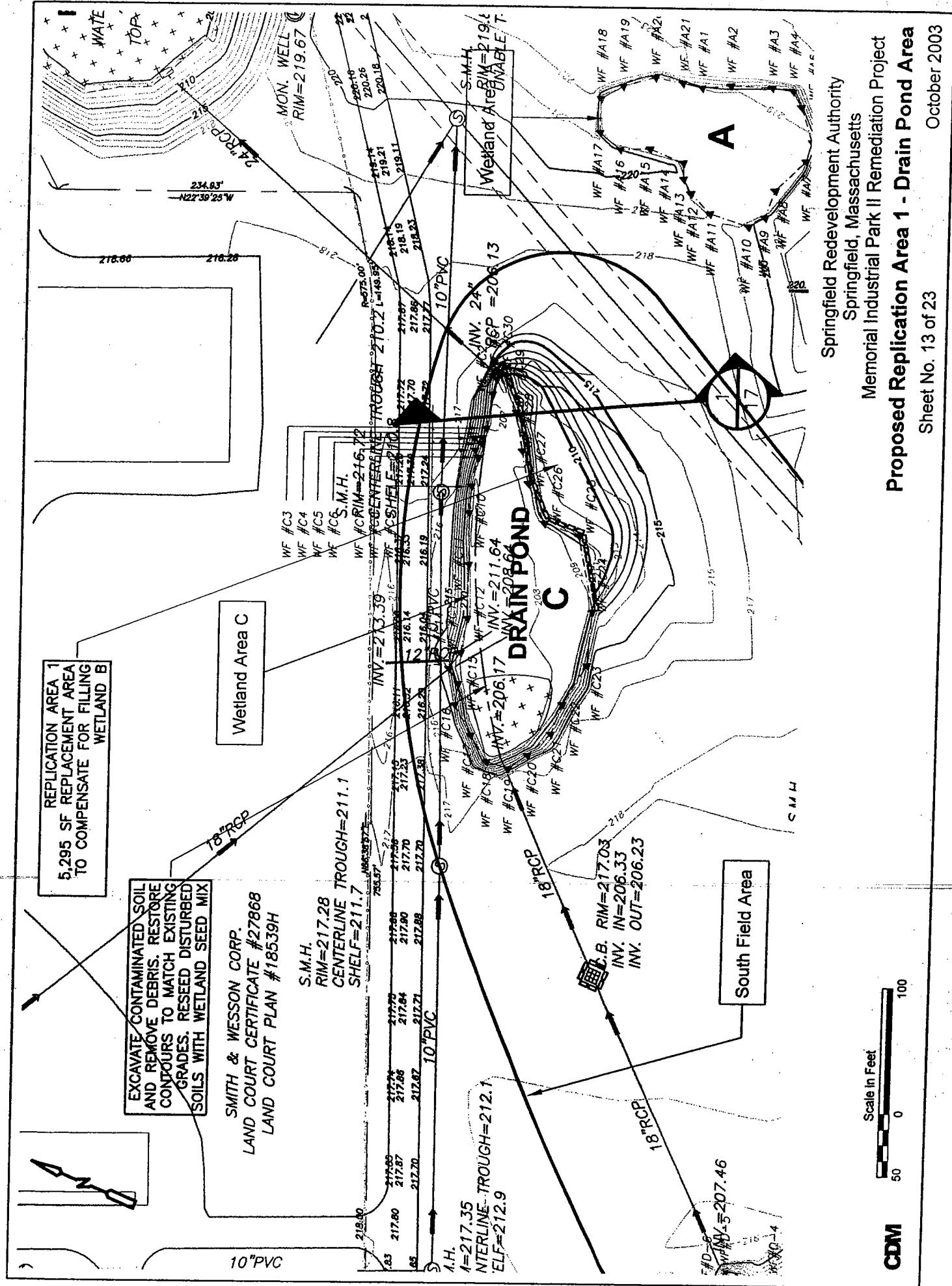


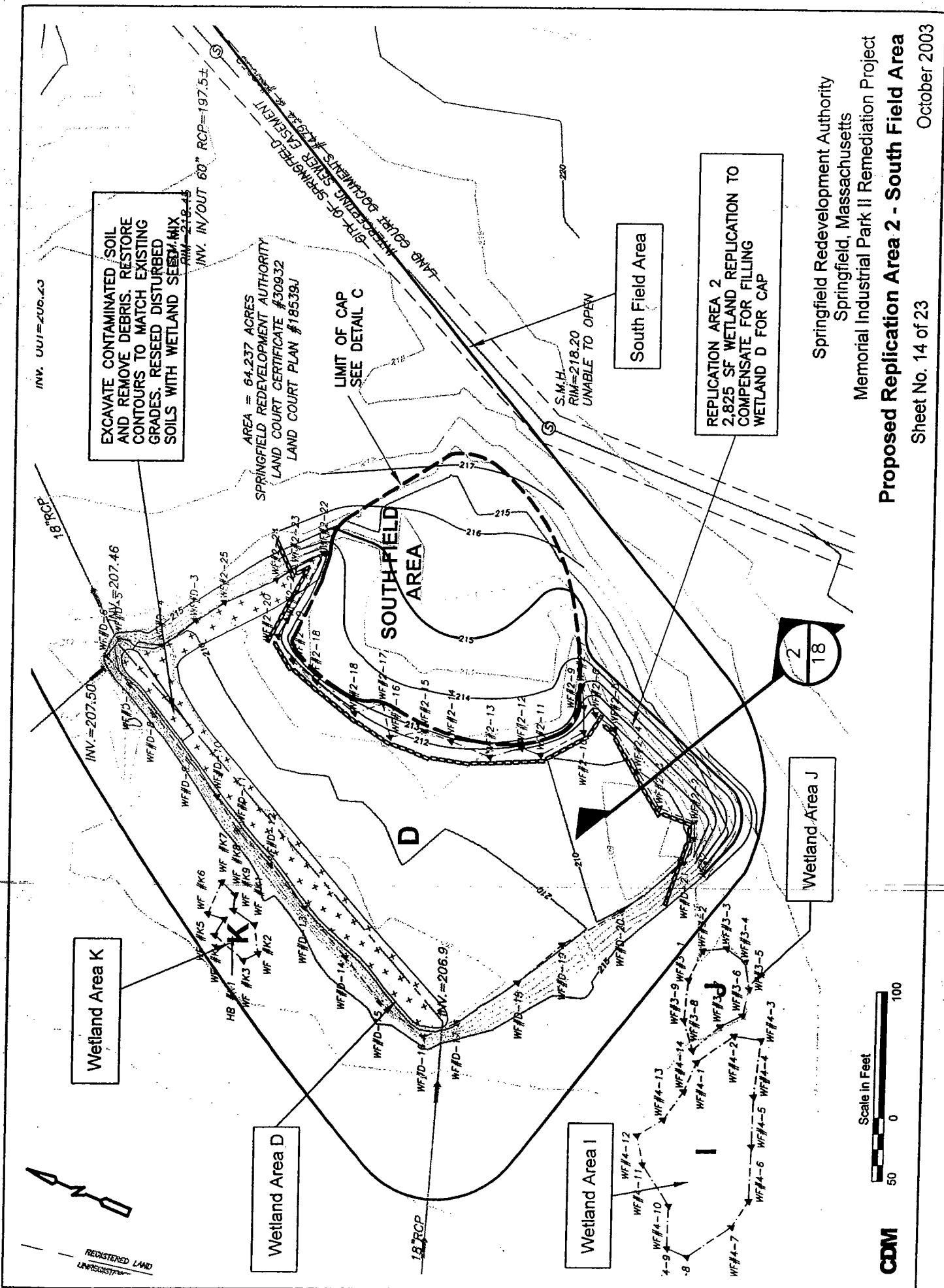
Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project

Proposed Replication Plan

Sheet No. 12 of 23

October 2003





October 2003

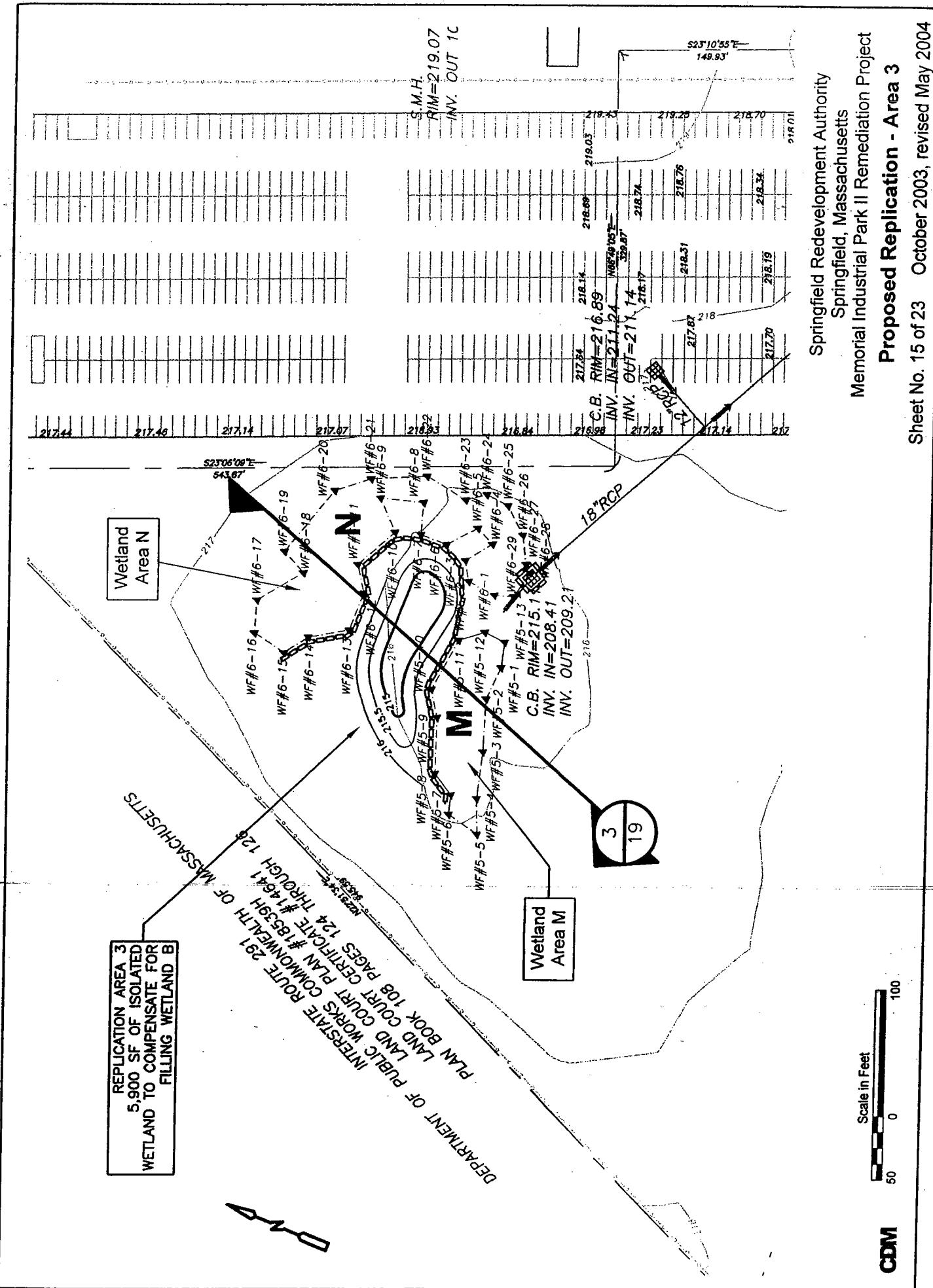
Proposed Replication Area 2 - South Field Area

Memorial Industrial Park II Remediation Project

Springfield Redevelopment Authority
Springfield Massachusetts

Sheet No. 14 of 23

100



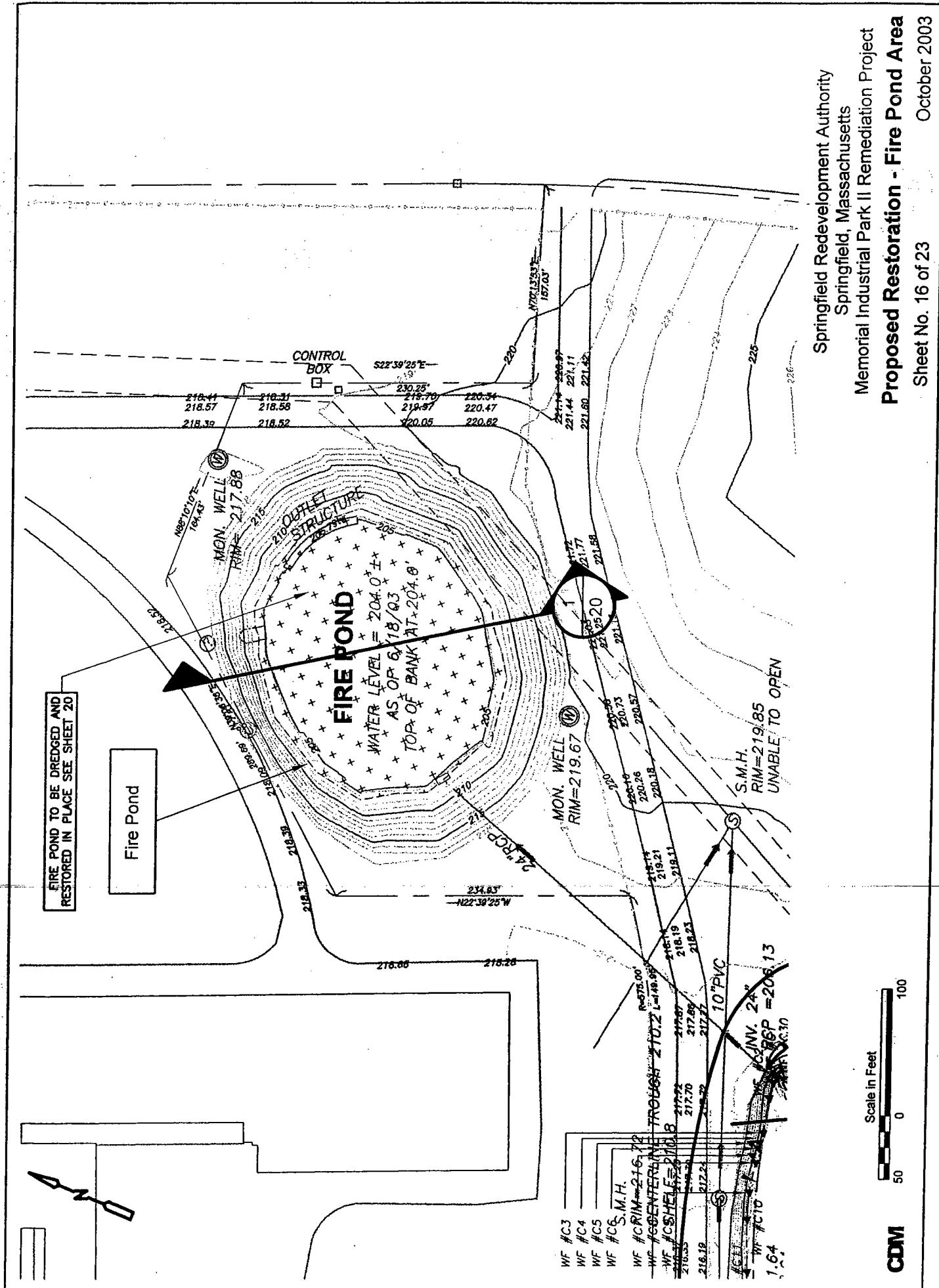
**Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project**

Proposed Replication - Area 3

Sheet No. 15 of 23 October 2003, revised May 2004

Scale in Feet

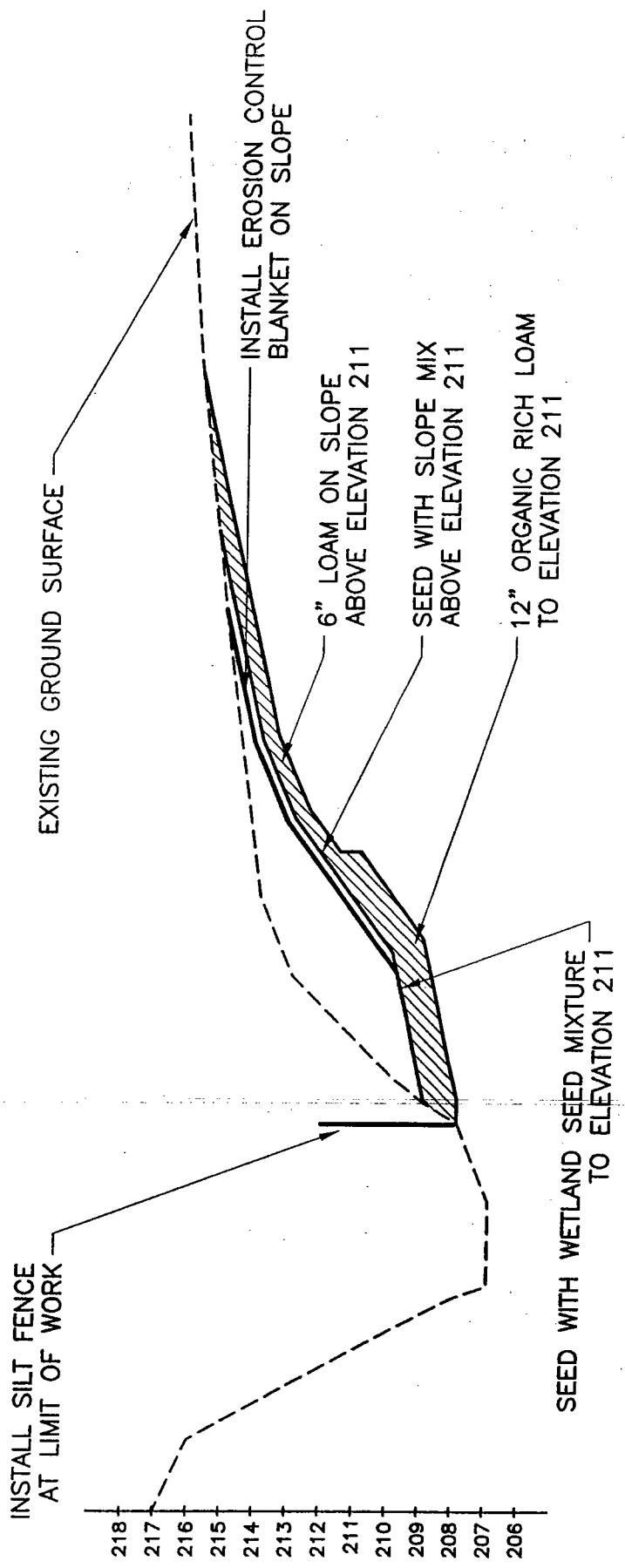
3



Proposed Restoration - Fire Pond Area

Sheet No. 16 of 23 October 2003

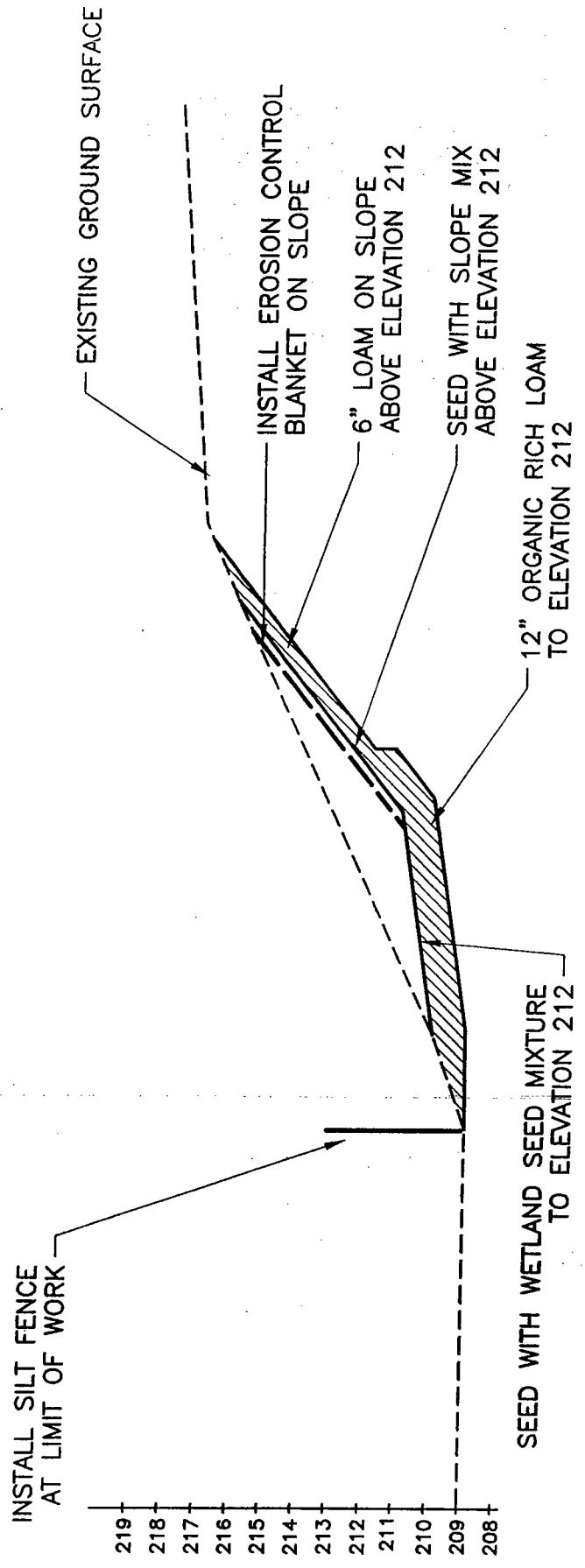
Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project



WETLAND REPLICATION AREA 1

HOR: 1"=20'
VER: 1"=5'

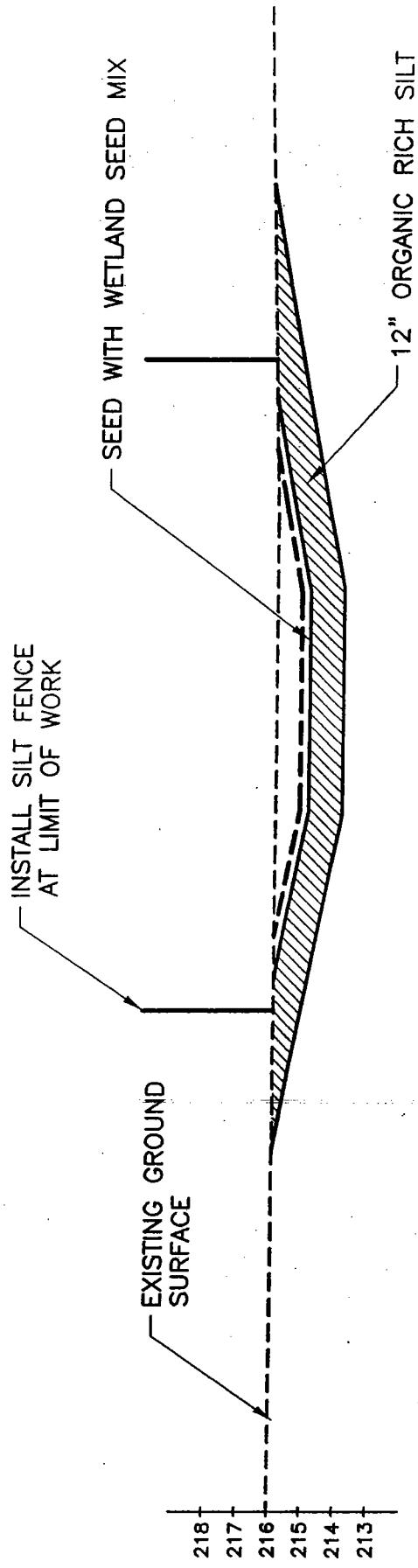
Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project
Section - Wetland Replication Area 1
Sheet No. 17 of 23 October 2003



WETLAND REPLICATION AREA 2

HOR: 1"=20'
VER: 1"=5'

Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project
Section - Wetland Replication Area 2
Sheet No. 18 of 23 October 2003



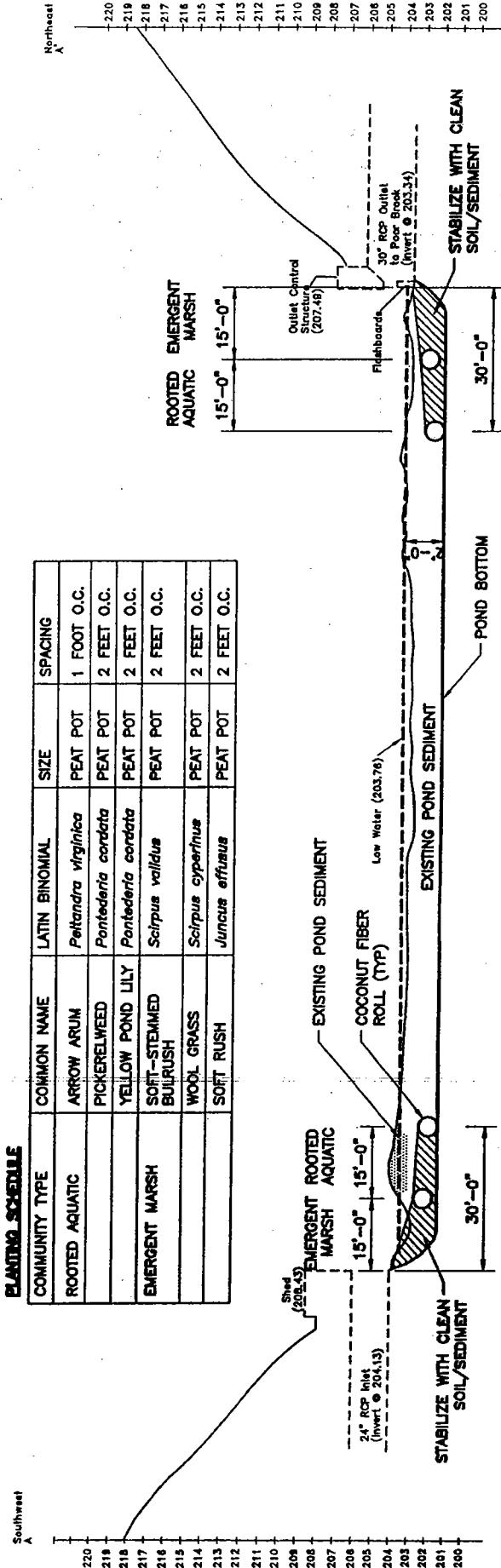
WETLAND REPLICATION AREA 3

HOR: 1"=20'
VER: 1"=5'

Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project
Section - Wetland Replication Area 3
Sheet No. 19 of 23 October 2003

PLANTING SCHEDULE

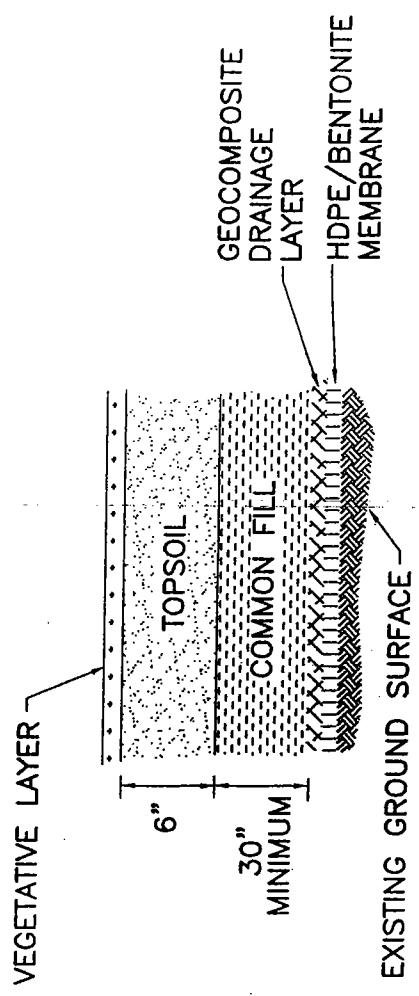
COMMUNITY TYPE	COMMON NAME	LATIN BINOMIAL	SIZE	SPACING
ROOTED AQUATIC	ARROW ARUM	<i>Peltandra virginica</i>	PEAT POT	1 FOOT O.C.
	PICKERELWEED	<i>Pontederia cordata</i>	PEAT POT	2 FEET O.C.
	YELLOW POND LILY	<i>Pontederia cordata</i>	PEAT POT	2 FEET O.C.
EMERGENT MARSH	SOFT-STEMMED BLURUSH	<i>Scirpus validissimus</i>	PEAT POT	2 FEET O.C.
	WOOL GRASS	<i>Scirpus cyperinus</i>	PEAT POT	2 FEET O.C.
	SPOTTED RUSH	<i>Juncus effusus</i>	PEAT POT	2 FEET O.C.

**POND RESTORATION CROSS-SECTION****SECTION**HOR. 1'-0"
VER. 1'-0"**NOTES:**

1. REMOVE POND SEDIMENT TO ELEV. 201.5 (ORIGINAL POND BOTTOM).
2. PLACE CLEAN FILL AND INSTALL COCONUT FIBER ROLL SHELVES, EXTENDING FROM THE POND BOTTOM UP TO TOP OF BANK, AS SHOWN.
3. RESTORE VEGETATION ACCORDING TO PLANTING SCHEDULE, ALONG AREAS DESIGNATED AS "ROOTED AQUATIC" AND "EMERGENT MARSH".

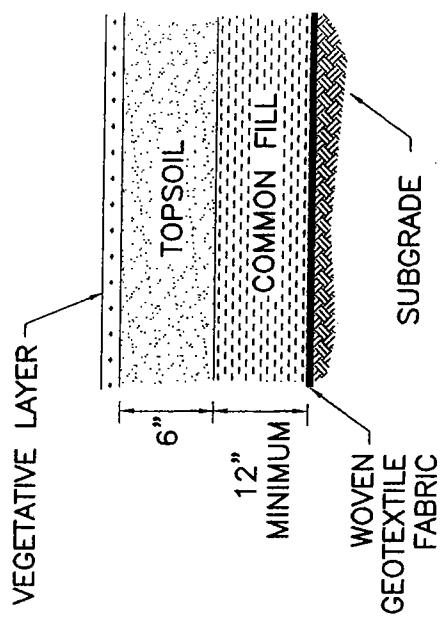
Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project

Section - Fire Pond Restoration
Sheet No. 20 of 23 October 2003



**ENGINEERED BARRIER IN WEST FIELD AREA
(TYPICAL SECTION)**

DETAIL B
NOT TO SCALE

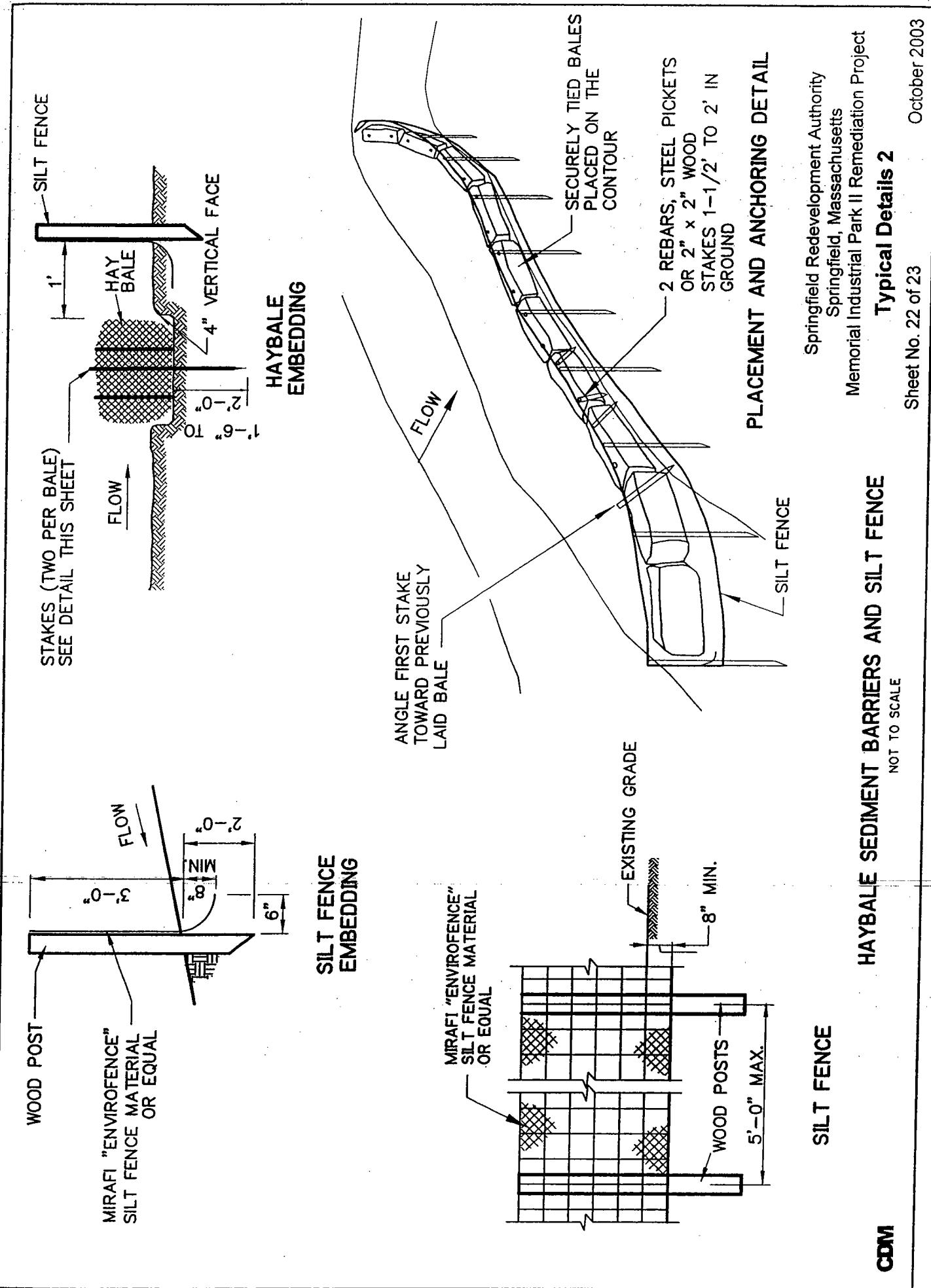


**TYPICAL CAP SECTION
IN SOUTH FIELD**

DETAIL C
NOT TO SCALE

Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project

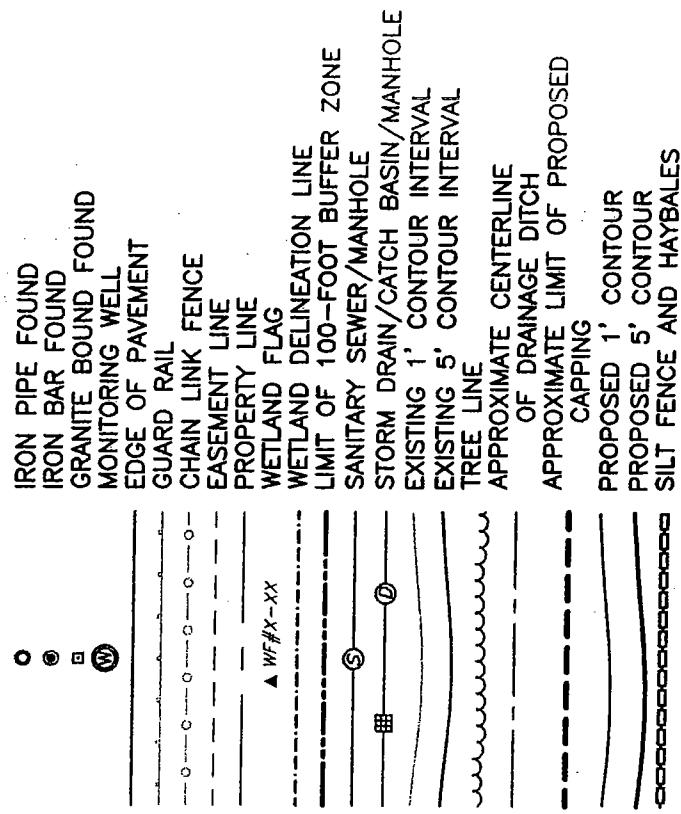
Typical Details 1
Sheet No. 21 of 23 October 2003



NOTES:

1. THIS PLAN IS BASED ON AN ON-THE-GROUND FIELD SURVEY PERFORMED BY HERITAGE SURVEYS INC. ON JUNE 13 TO 25, 2003.
2. ELEVATIONS ARE REFERENCED TO THE NAVD 1988 DATUM.
3. FOR REFERENCE TO LAND SHOWN HERON SEE LAND COURT CERTIFICATE #30932, LAND COURT PLAN #18539J, BOOK 12970 PAGE 449 AND PLAN BOOK 328 PAGE 51.
4. WETLAND RESOURCE AREAS WERE ORIGINALLY DELINEATED BY CLOUGH, HARBOUR & ASSOCIATES, LLP DURING JULY 1998 AND FIELD LOCATED BY HERITAGE SURVEYS, INC. BETWEEN JULY 21 AND 24, 1998. WETLAND FLAGS LABELED AS "WF#A1: DESIGNATE THE C.H.A. DELINEATION. THE SPRINGFIELD CONSERVATION COMMISSION ISSUED AN ORDER OF RESOURCE AREA DELINEATION, DATED SEPTEMBER 3, 1998, FOR THIS DELINEATION.
5. THE WETLAND RESOURCE AREAS AT THE FIRE POND WERE DELINEATED BY VANASSE HANGEN BRUSTLIN, INC. AND ENVIRONMENTAL COMPLIANCE SERVICES, INC. AS PART OF THEIR DECEMBER 1999 NOTICE OF INTENT SUBMITTAL (DEP FILE #294-412).
6. WETLAND RESOURCE AREAS B, D, I, J, K, L, M AND N WERE REDELINEATED BY CAMP, DRESSER & MCKEE, INC. DURING JUNE 2003 AND FIELD LOCATED BY HERITAGE SURVEYS, INC. FROM JUNE 13 TO 25, 2003. WETLAND FLAGS LABELED AS "WF#1-5" DESIGNATE THE CDM DELINEATION.
7. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED UPON SURFACE FEATURES AS LOCATED BY SURVEY AND AVAILABLE RECORD DATA, AND ARE APPROXIMATE. ACTUAL LOCATIONS SHOULD BE VERIFIED WITH THE APPROPRIATE UTILITY COMPANY AND/OR MUNICIPAL DEPARTMENT PRIOR TO FINAL DESIGN AND/OR CONSTRUCTION.

LEGEND



Springfield Redevelopment Authority
Springfield, Massachusetts
Memorial Industrial Park II Remediation Project

Legend and Notes

Sheet No. 23 of 23 October 2003