

24.16

WESTON Ref. No.

05-0016

SDMS 263172

MCP INTERIM PHASE II REPORT FOR
THE NEWELL STREET SITE

VOLUME III OF IV

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

FEBRUARY 1992

BLASLAND & BOUCK ENGINEERS, P.C.
6723 TOWPATH ROAD, BOX 66
SYRACUSE, NEW YORK 13214

MCP INTERIM PHASE II REPORT FOR
THE NEWELL STREET SITE

TABLE OF CONTENTS

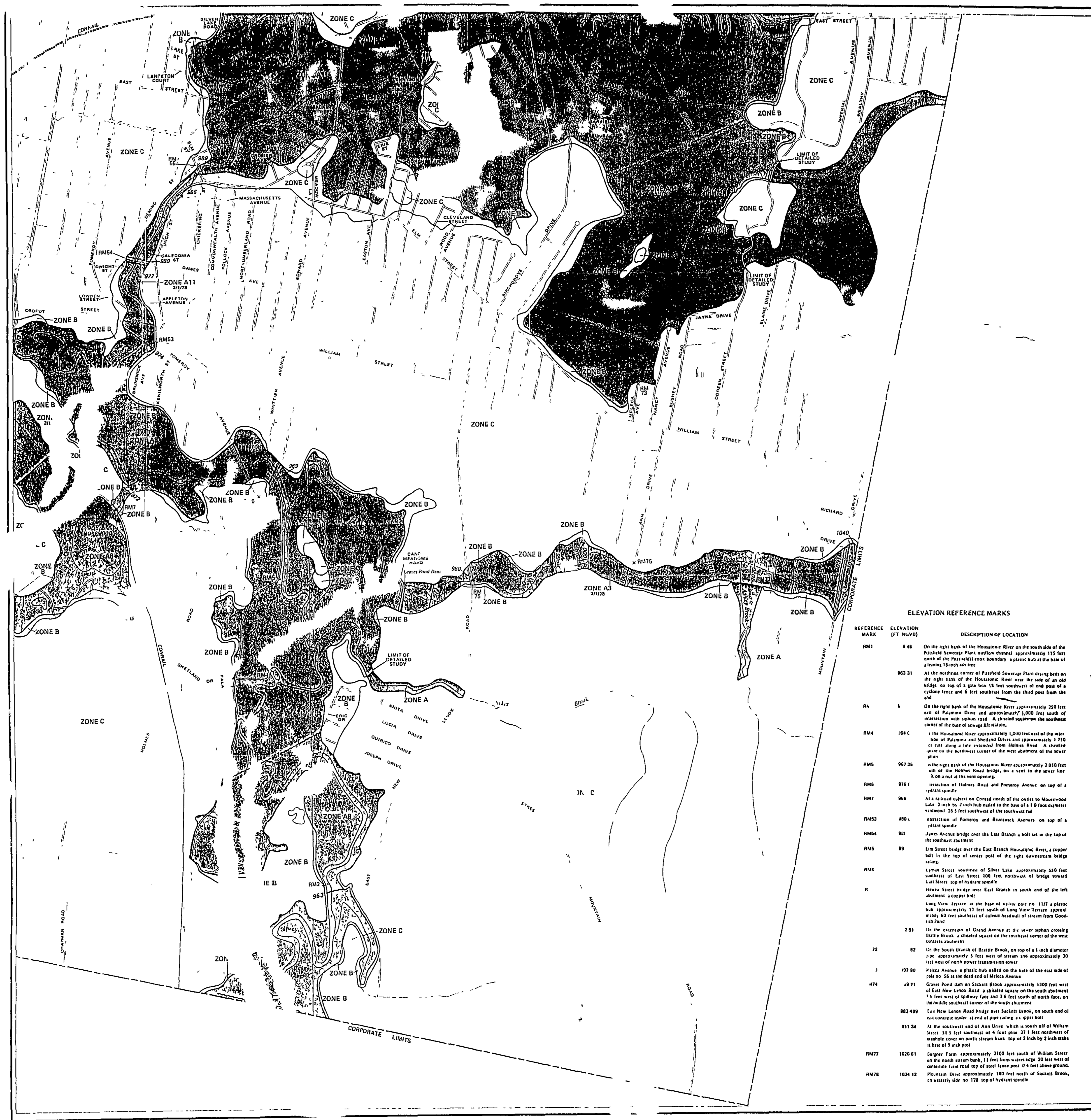
Volume III of IV

APPENDICES

- Appendix C FEMA and FIRM Flood Mapping
- Appendix D Wetlands Inventory Map
- Appendix E City of Pittsfield Accessor's Map and Zoning Map
- Appendix F Topographic Information
- Appendix G Utility Maps

APPENDIX C

FEMA AND FIRM FLOOD MAPPING



KEY TO MAP

100-Year Flood Boundary

Zone Designations* With Date of Identification e.g., 12/2/74

100-Year Flood Boundary

500-Year Flood Boundary

Rise Flood Elevation Line With Elevation in Feet**

Base Flood Elevation in Feet Where Uniform Within Zone**

Elevation Reference Mark

River Mile

**Referenced to the National Geodetic Vertical Datum of 1929

***EXPLANATION OF ZONE DESIGNATIONS**

ZONE	EXPLANATION
A	Areas of 100-year flood base flood elevations and flood hazard factors not determined.
AD	Areas of 100-year shallow flooding with depth from 1 to 3 feet product of depth (feet) and velocity (feet per second) less than 15
AI A30	Areas of 100-year flood, base flood elevations and flood hazard factors determined
A98	Areas of 100-year flood to be protected by a flood protection system under construction, base flood elevations and flood hazard factors not determined.
B	Areas between limits of 100-year flood and 500-year flood or areas of 100-year shallow flooding with depth less than 1 foot. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action) base flood elevations and flood hazard factors not determined
V0	Areas of 100-year shallow flooding with velocity drain from 1 to 3 feet product of depth (feet) and velocity (feet per second) more than 15
V1 V30	Areas of 100-year coastal flood with velocity (wave action) base flood elevations and flood hazard factors determined.

NOTES TO USER

Letrain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only it does not necessarily show all areas subject to flooding in the community or all planning features outside special flood hazard areas.

For adjoining map panels, see separately printed Index To Map Panels.

INITIAL IDENTIFICATION
MAY 10, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS.
JANUARY 7, 1977

FLOOD INSURANCE RATE MAP EFFECTIVE.
MARCH 1, 1978

FLOOD INSURANCE RATE MAP REVISIONS.
2/19/82: INCREASE SPECIAL FLOOD HAZARD AREA, INCREASE BASE FLOOD ELEVATIONS, CHANGE ROAD NAME

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION (FT NAVD)	DESCRIPTION OF LOCATION
RM1	6 46	On the right bank of the Housatonic River on the south side of the Pittsfield Sewerage Plant outflow channel approximately 135 feet north of the Pittsfield/Knox boundary a plastic hub at the base of a leaning 18-inch ash tree.
RM2	963 31	At the northeast corner of Pittsfield Sewerage Plant drying beds on the right bank of the Housatonic River near the side of an old bridge on top of a gate box 18 feet southwest of end post of a cyclone fence and 6 feet southeast from the third post from the end.
RM3	6	On the right bank of the Housatonic River approximately 250 feet east of Palumbo Drive and approximately 1,000 feet south of intersection with Sponon Road. A chiseled square on the southeast corner of the base of sewer lift station.
RM4	964 C	On the Housatonic River approximately 1,000 feet east of the intersection of Palumbo and Sheildon Drives and approximately 1 750 ft east along a line extended from Holmes Road. A chiseled square on the northwest corner of the west abutment of the sewer siphon.
RM5	967 26	On the right bank of the Housatonic River approximately 2 050 feet west of the Holmes Road bridge, on a vent to the sewer line X on a nut at the vent opening.
RM6	976 F	Intersection of Holmes Road and Pomeroy Avenue on top of a hydrant spigole.
RM7	966	At a railroad culvert on Conrail north of the outlet to Mourswood Lake 2 inch by 2 inch hub nailed to the base of a 6 0 foot diameter hardwood 26 5 feet southwest of the southwest end.
RM53	980 A	Intersection of Pomeroy and Brunswick Avenues on top of a hydrant spigole.
RM54	981	Jones Avenue bridge over the East Branch a bolt set in the top of the west abutment.
RM5	99	Lim Street bridge over the East Branch Housatonic River, a copper bolt in the top of center post of the right downstream bridge railing.
RM5	99	Lyman Street southeast of Silver Lake approximately 350 feet southwest of East Street 100 feet northwest of bridge toward East Street top of hydrant spigole.
R		Newen Street bridge over East Branch in south end of the left abutment a copper bolt.
		Long View fence at the base of utility pole no 1177 a plastic hub approximately 33 feet south of Long View Terrace approx 50 feet southwest of culvert headwall of stream from Goodrich Pond.
751		On the eastern of Grand Avenue at the sewer siphon crossing Dixie Brook a chiseled square on the southeast corner of the west concrete abutment.
72	82	On the South Branch of Brattle Brook, on top of a 1 inch diameter pipe approximately 5 feet west of stream and approximately 20 feet west of north power transmission tower.
J	97 80	Melica Avenue a plastic hub nailed on the base of the east side of pole no 56 at the dead end of Melica Avenue.
474	9 71	Graves Pond dam on Sackett Brook approximately 1300 feet west of East New Lenox Road a chiseled square on the south abutment 3 feet west of spillway face and 3 6 feet south of north face, on the middle southeast corner of the south abutment.
983 499		East New Lenox Road bridge over Sackett Brook, on south end of east concrete abutment at end of pipe railing a upper bolt.
011 34		At the southwest end of Ann Drive which is south off of William Street 51 5 feet southeast of 4 foot pine 37 1 feet northwest of manhole cover on north stream bank top of 2 inch by 2 inch stake at base of 9 inch post.
RM77	1020 61	Burpee Farm approximately 2100 feet south of William Street on the north stream bank, 11 feet from waters edge 20 feet west of centerline farm road top of steel fence post 0 4 feet above ground.
RM78	1034 12	Mountain Drive approximately 180 feet north of Sackett Brook, on westerly side no 178 top of hydrant spigole.

INSURANCE RATE MAP EFFECTIVE

to be established
To determine if insurance rate applies to your property, contact your insurance agent, or call Program, at (603) 638-9620.

APPROXIMATE SCALE
0 100 200 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

CITY OF PITTSFIELD, MASSACHUSETTS BERKSHIRE COUNTY

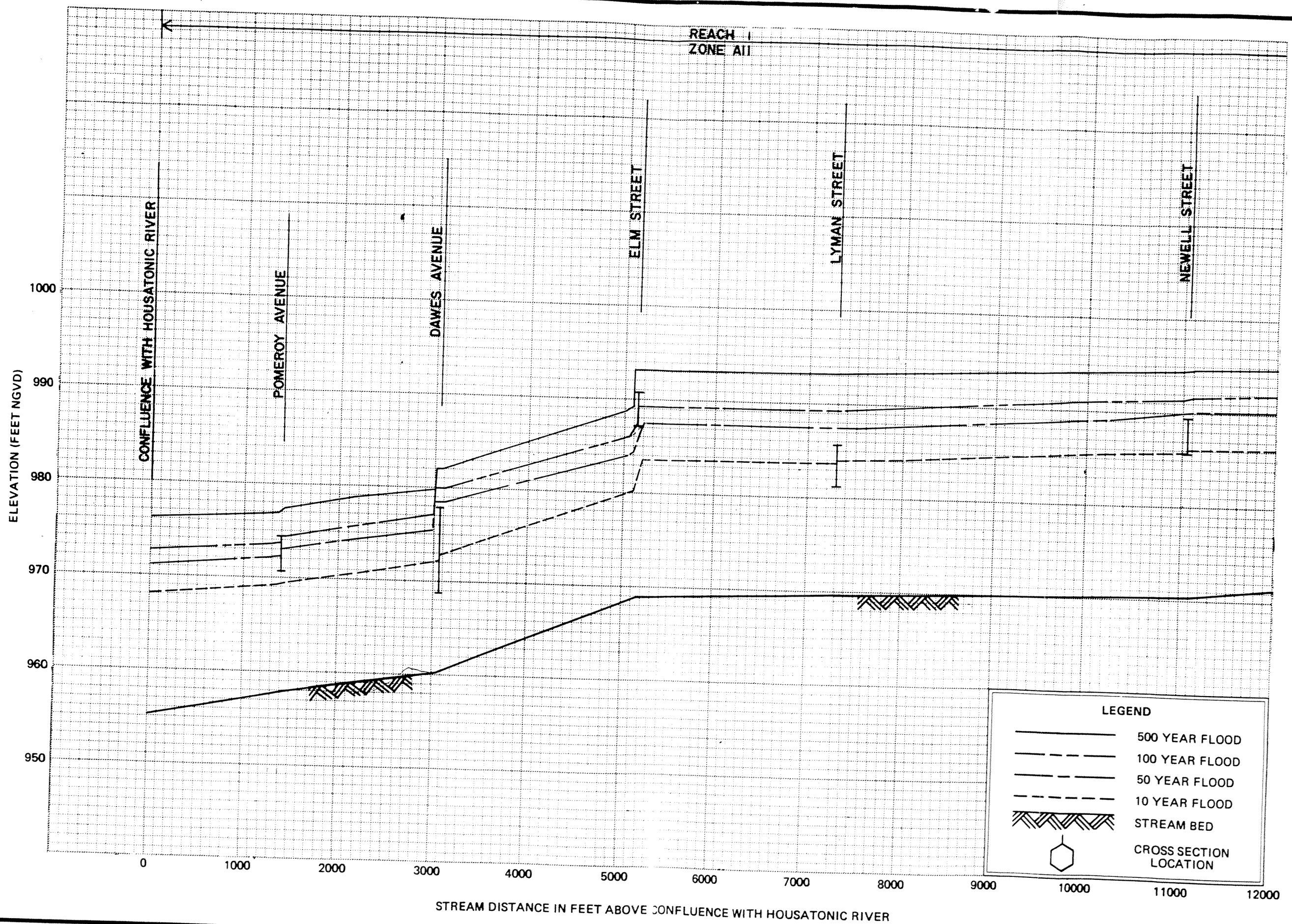
PANEL 20 OF 20
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY PANEL NUMBER 250037 0020 C

MAP REVISED, FEBRUARY 19, 1982

Federal Emergency Management Agency
Federal Insurance Administration

05-0016



FLOOD PROFILES

EAST BRANCH

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration

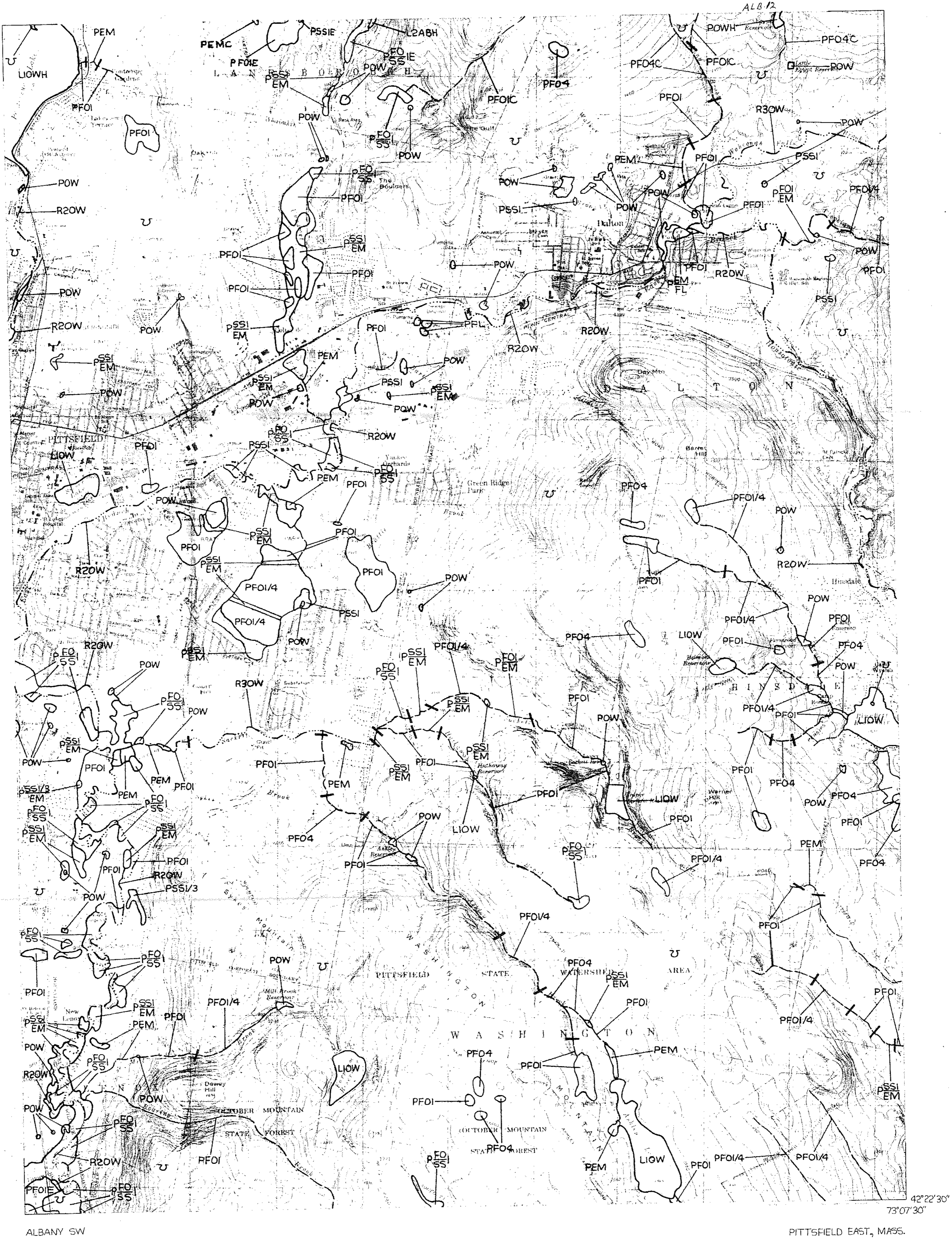
CITY OF PITTSFIELD, MA
(BERKSHIRE CO.)

APPENDIX D

WETLANDS INVENTORY MAP

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



ALBANY SW
PITTSFIELD

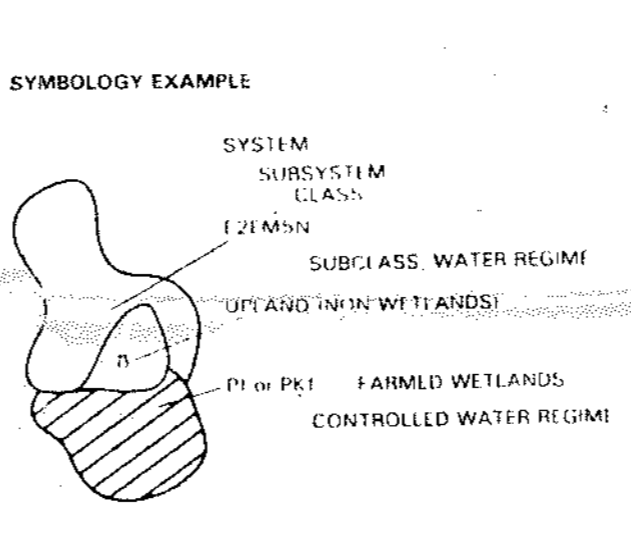
PITTSFIELD EAST, MASS.

Other information concerning the wetland resources depicted on this document may be available. For information, contact:

Regional Director (ARDE) Region V
U.S. Fish and Wildlife Service
1 Gateway Center, Suite 700
Newton Corner, Massachusetts 02158

SPECIAL NOTE
This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deep-Water Habitats of the United States (An Operational Draft, Cowardin, et al. 1977). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on-the-ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities in wetlands, or adjacent to wetlands, should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*).
- Ownership type (either private or sedentary annual) can be added to the map by the interested user.
- Additional information on the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.

AERIAL PHOTOGRAPHY

DATE: 10/1/75
SCALE: 1:80,000
TYPE: B-W
DATE: _____
SCALE: _____
TYPE: _____



U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Prepared by Office of Biological Services
for the National Wetlands Inventory

WETLAND LEGEND

□ Primarily represents upland areas, but may include unclassified wetlands such as non-photos-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM	Subclass	CLASS	Subclass	CLASS	Subclass	CLASS	Subclass	CLASS	Subclass	CLASS	Subclass	CLASS	Subclass	CLASS
E - ESTUARINE	1 - Subtidal	1. Submerged Aquatic Plant	2 - Intertidal	1. Submerged Aquatic Plant	1 - Littoral	1. Submerged Aquatic Plant	2 - Emergent	1. Submerged Aquatic Plant	3 - Shrub-Swamp	1. Submerged Aquatic Plant	4 - Forested	1. Submerged Aquatic Plant	5 - Open Water	1. Submerged Aquatic Plant
		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent
P - PALUSTRINE	1 - No Subsystem	1. Submerged Aquatic Plant	2 - Lower Perennial	1. Submerged Aquatic Plant	3 - Upper Perennial	1. Submerged Aquatic Plant	4 - Intermittent	1. Submerged Aquatic Plant	5 - Unknown Perennial	1. Submerged Aquatic Plant	6 - Beaches	1. Submerged Aquatic Plant	7 - Open Water	1. Submerged Aquatic Plant
		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent
R - RIVERINE	1 - Tidal	1. Submerged Aquatic Plant	2 - Lower Perennial	1. Submerged Aquatic Plant	3 - Upper Perennial	1. Submerged Aquatic Plant	4 - Intermittent	1. Submerged Aquatic Plant	5 - Unknown Perennial	1. Submerged Aquatic Plant	6 - Beaches	1. Submerged Aquatic Plant	7 - Open Water	1. Submerged Aquatic Plant
		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent		2. Emergent

MODIFYING TERMS	
<p>Non Tidal</p> <p>1. Temporary</p> <p>2. Seasonal</p> <p>3. Semi-permanent</p> <p>4. Permanent</p>	<p>Tidal</p> <p>1. Seasonal</p> <p>2. Semi-permanent</p> <p>3. Permanent</p>
<p>Coastal Salinity</p> <p>1. Low</p> <p>2. Medium</p> <p>3. High</p>	<p>Water Chemistry</p> <p>1. Fresh</p> <p>2. Brackish</p> <p>3. Marine</p>
<p>pH Modifiers for all Fresh Water</p> <p>1. Acid</p> <p>2. Neutral</p> <p>3. Alkaline</p>	<p>Soil</p> <p>1. Organic</p> <p>2. Inorganic</p> <p>3. Mixed</p>

05-0016

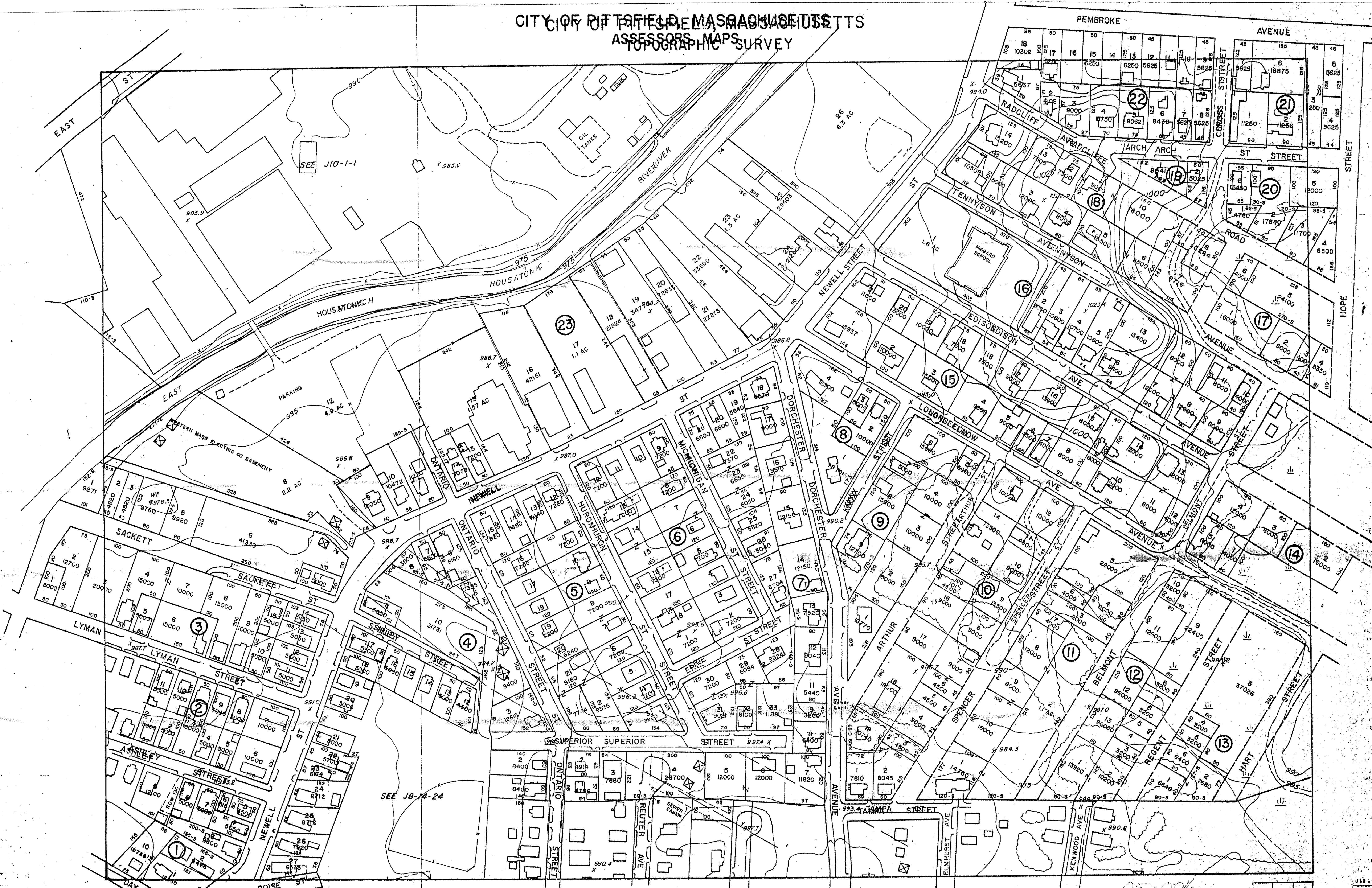
APPENDIX E

CITY OF PITTSFIELD ASSESSOR'S MAP AND ZONING MAP

APPENDIX E-1

PITTSFIELD ASSESSOR'S MAP

CITY OF PITTSFIELD, MASSACHUSETTS
ASSESSORS MAPS SURVEY
TOPOGRAPHIC SURVEY



PREPARED UNDER THE DIRECTION OF THE
PITTSFIELD BOARD OF ASSESSORS
MICHAEL J. QUIGLEY-CHAIRMAN

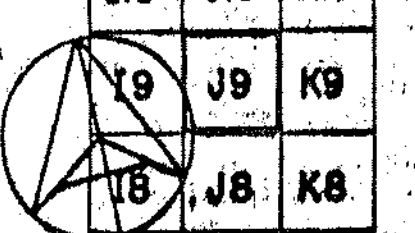
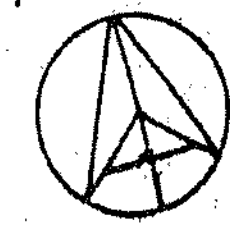
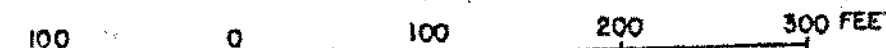
BY
AVIS AIRMAP, INC.

PREPARED UNDER THE DIRECTION OF THE
PITTSFIELD BOARD OF ASSESSORS
JOHN F. CONNORS-CHAIRMAN

BY
AVIS AIRMAP, INC.



5 FOOT CONTOUR INTERVAL



J10	J10	K10
J9	J9	K9
J8	J8	K8

J10	J10	K
J9	J9	K
J8	J8	K

05-006

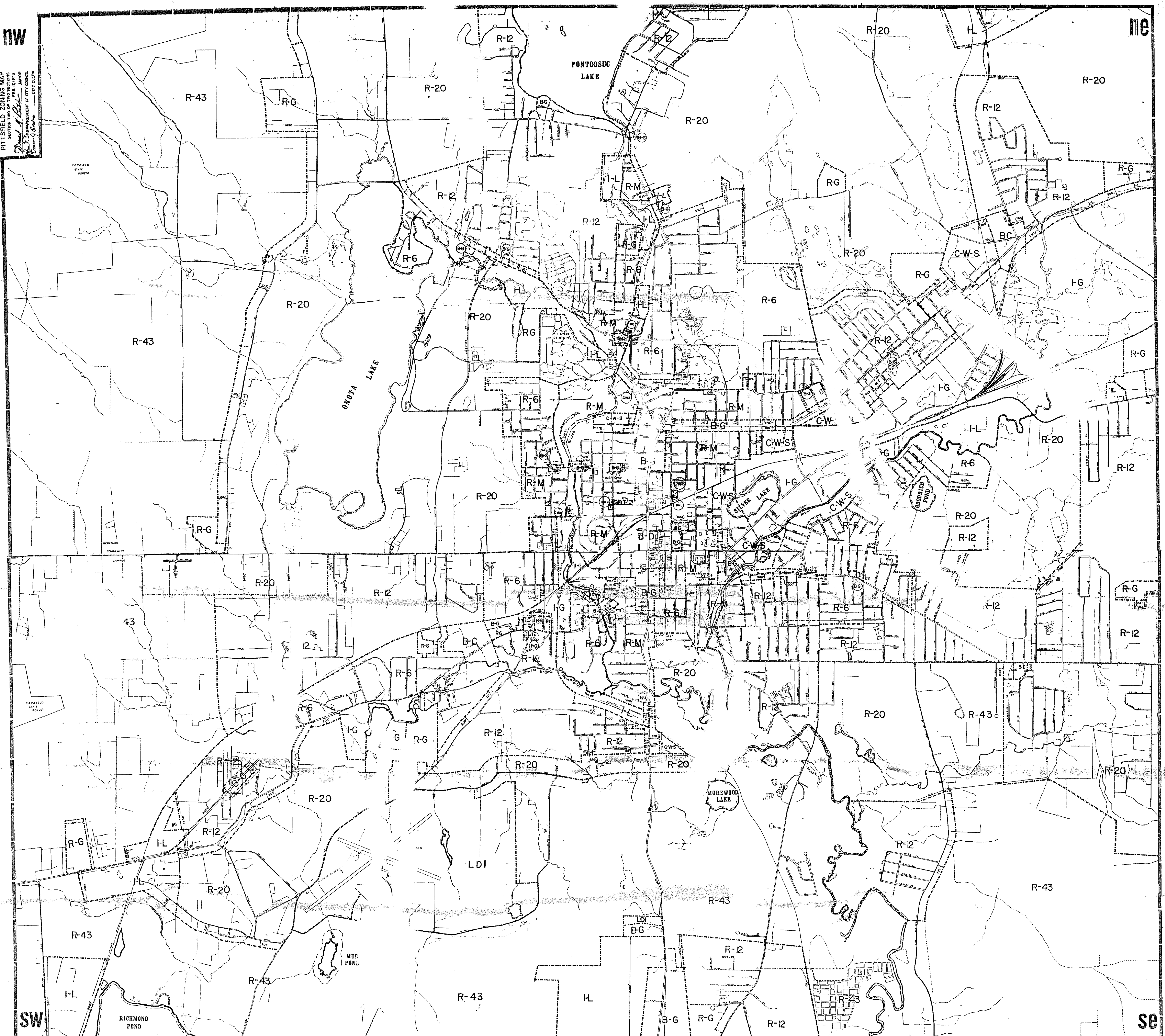
APPENDIX E-2

PITTSFIELD ZONING MAP

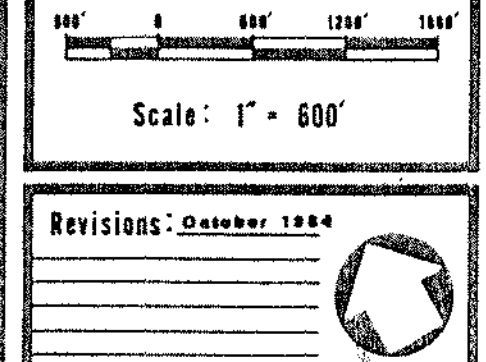
nw

ne

PITTSFIELD ZONING MAP
SECTION TWO OF TWO SECTIONS
APPROVED BY THE CITY COUNCIL
MAYOR
CITY CLERK



PREPARED BY
PITTSFIELD PLANNING BOARD
MAP BY
Technical Planning Associates tpa



PITTSFIELD ZONING MAP

ADOPTED: FEBRUARY 17, 1973
THE CITY COUNCIL OF PITTSFIELD, MASSACHUSETTS

William A. Sisk MAYOR *John J. Frasca* CITY CLERK *John J. Frasca* PRESIDENT OF CITY COUNCIL

RESIDENCE DISTRICTS	BUSINESS DISTRICTS	INDUSTRIAL DISTRICTS
R-43 - Single Family 43,560 sq ft per lot	B-C - Grouped Business	I-L - Light Industrial
R-20 - Single Family 20,000 sq ft per lot	B-G - General Business	I-G - General Industrial
R-12 - Single Family 12,000 sq ft per lot	B-D - Downtown Business	SPECIAL DISTRICTS
R-6 - Single Family 6,000 sq ft per lot	C-W-S - Commercial, Warehousing and Storage	LDI - Limited Industrial
R-G - Garden Apartments		
R-M - Multi-Family		

Zone Boundary - - - - -

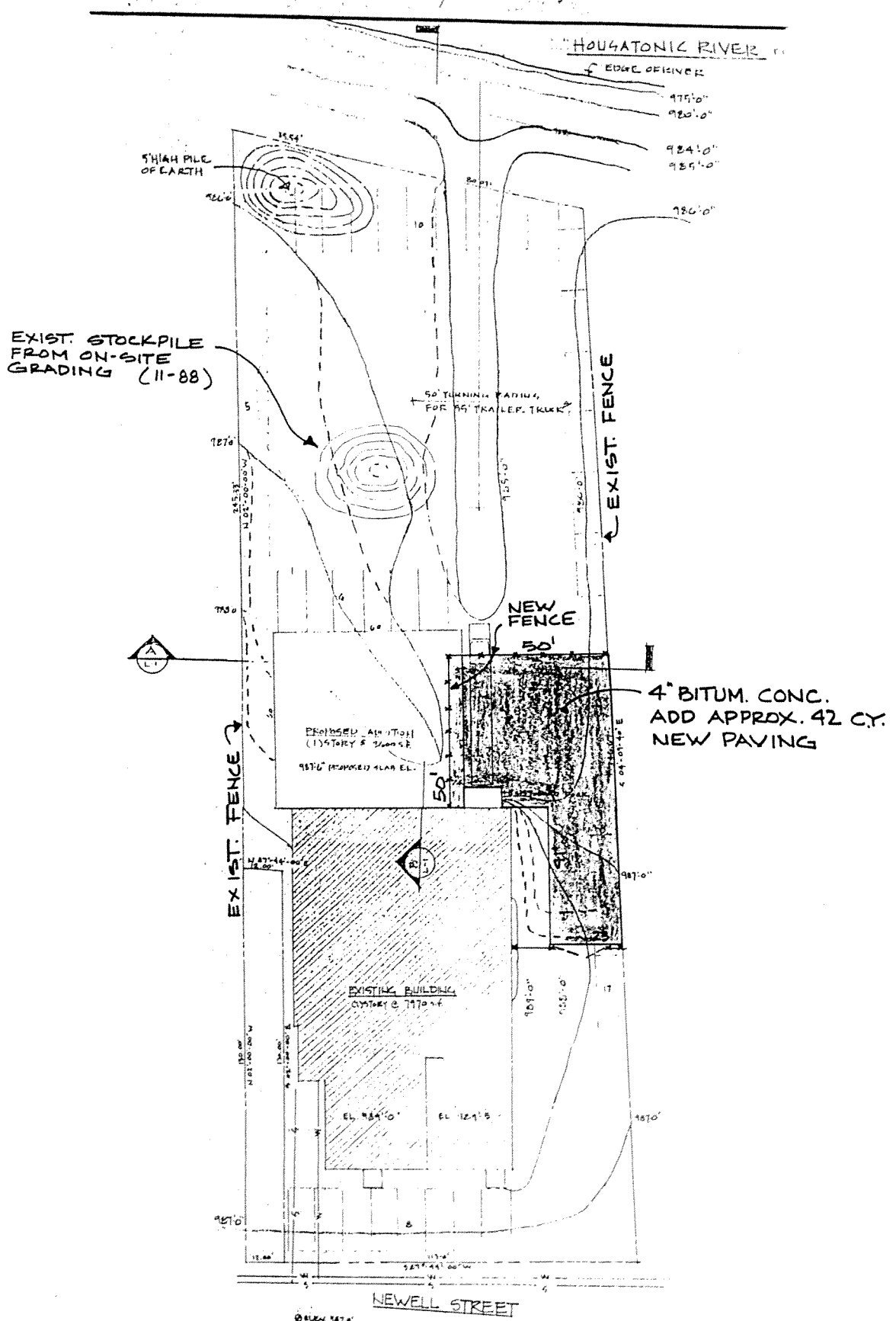
05-0016 Section One of Two Sections

APPENDIX F

TOPOGRAPHIC INFORMATION

APPENDIX F-1

QUALITY PRINTING TOPOGRAPHIC INFORMATION



NOTE:
 1. FLOOD PLAIN ELEV. = 990.6
 2. ENTIRE SITE...

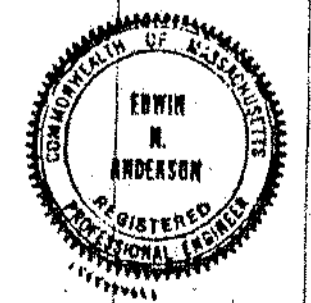
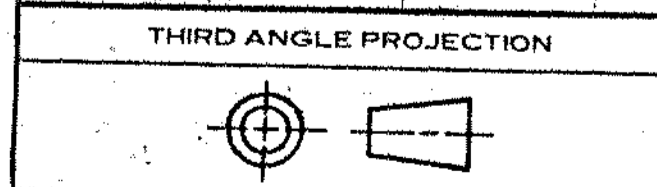
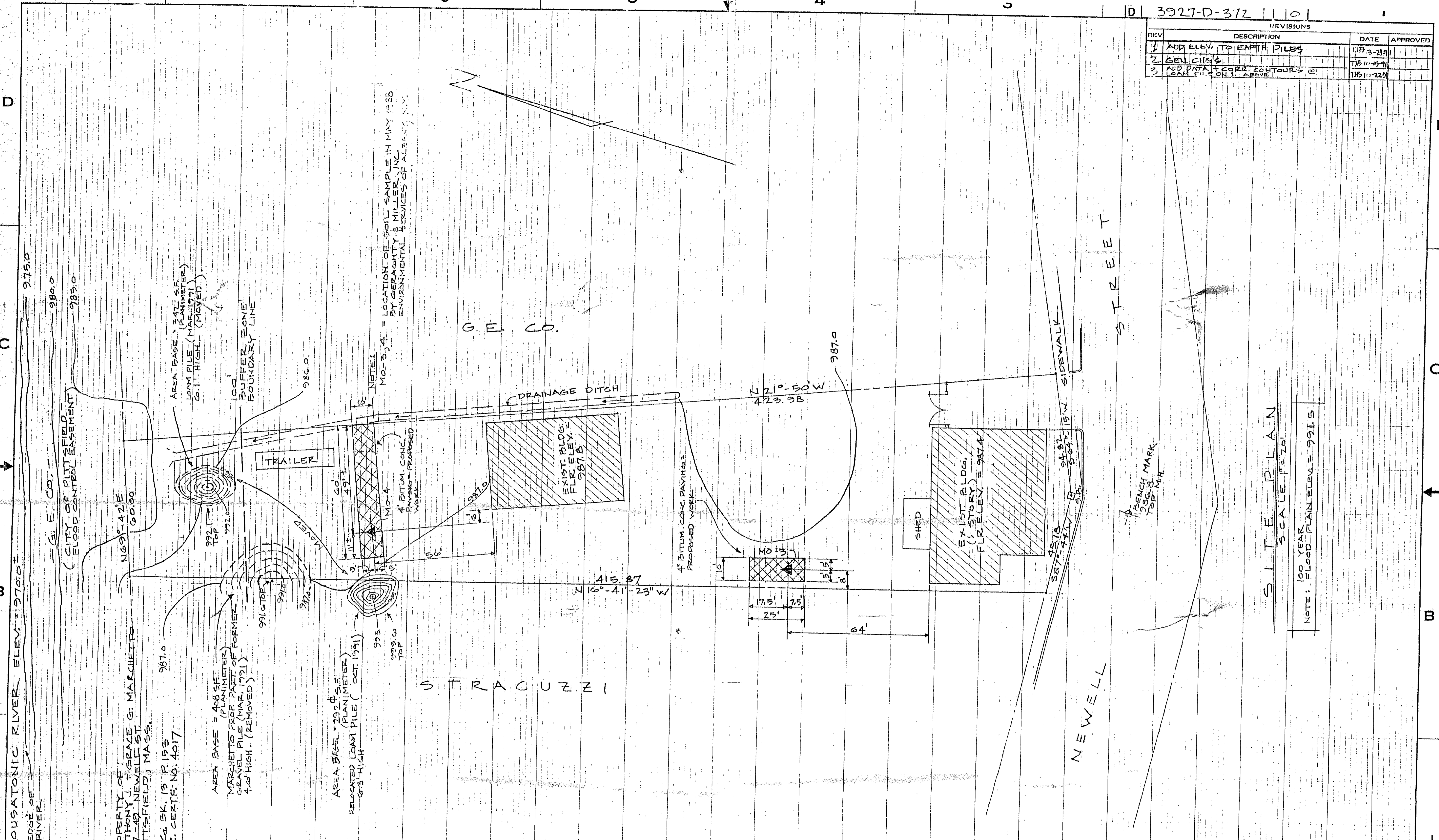
SITE PLAN - C
 2-21-89

PLAN NORTH

APPENDIX F-2

MARCHETTO PROPERTY TOPOGRAPHIC INFORMATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	ADD ELEV. TO EARTH PILES	11/2-79	
2	GEN. CLGS.	11-19-79	
3	ADD DATA + CORR. EARTH PILES @ COAM PILES ONLY ABOVE	11-22-79	



UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
DIMENSIONS ARE IN INCHES	DRAWN <i>TJB</i>	3-22-79
TOLERANCES ON:	CHECKED	
2 PL DECIMALS ±	ENGRG	
3 PL DECIMALS ±	ISSUED	
ANGLES ±		
FRACTIONS ±		

GENERAL ELECTRIC COMPANY	
SITE PLAN	
MARCHETTO PROPERTY 247-249 NEWELL ST PITTSFIELD, MASS.	
SIZE CAGE CODE	DWG NO
D	3927-D-372
SCALE	SHEET
1" = 20'	1 OF 1

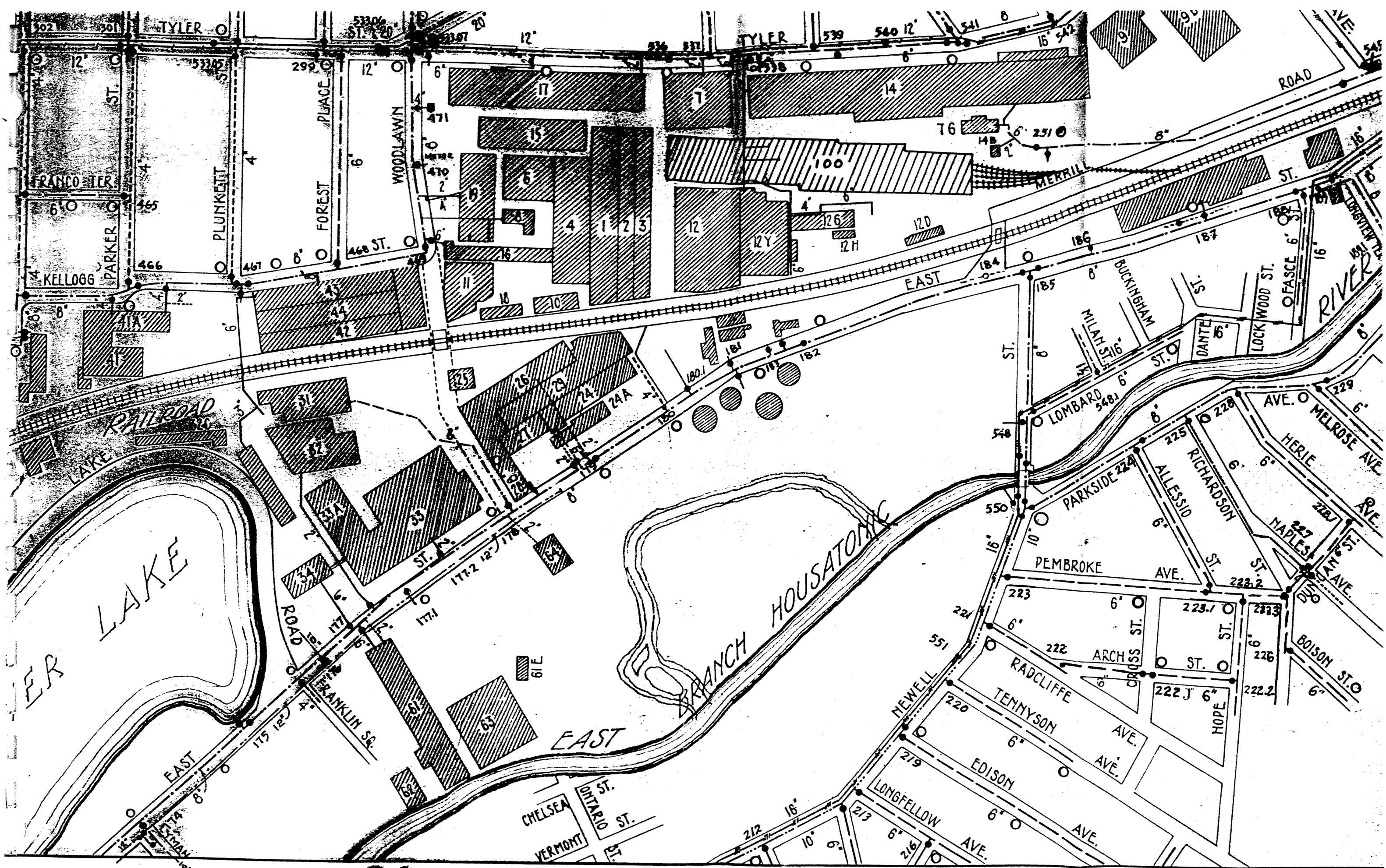
05-0016

APPENDIX G

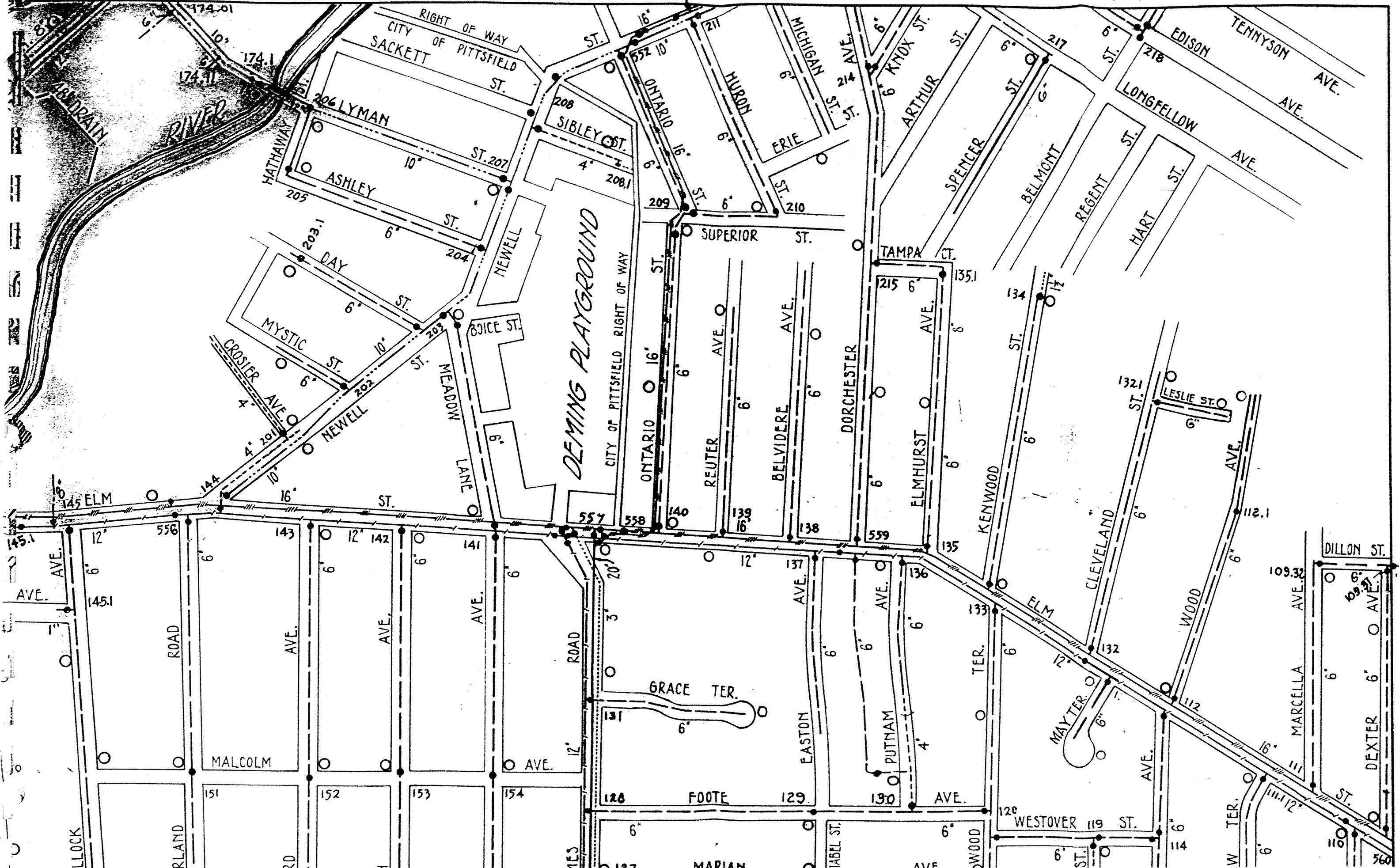
UTILITY MAPS

APPENDIX G-1

POTABLE WATER SUPPLY

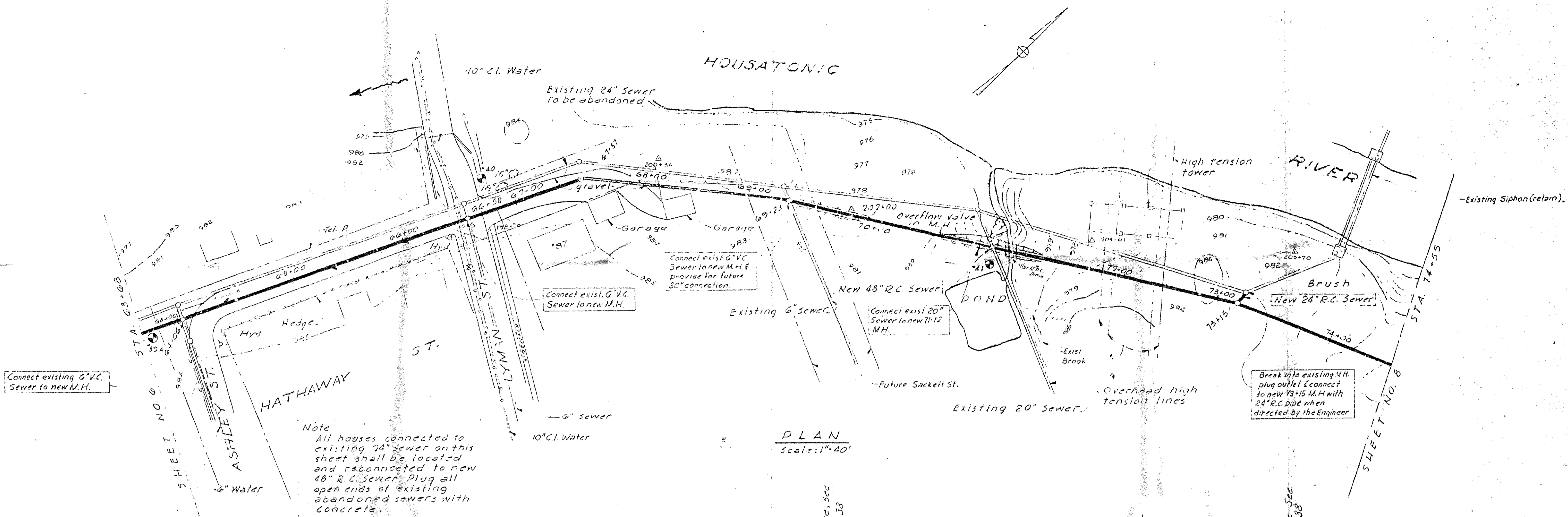


3D



APPENDIX G-2

EASTERN INTERCEPTING SEWER



Connect existing G.V.C. Sewer to new M.H.

Connect exist. G.V.C. Sewer to new M.H.

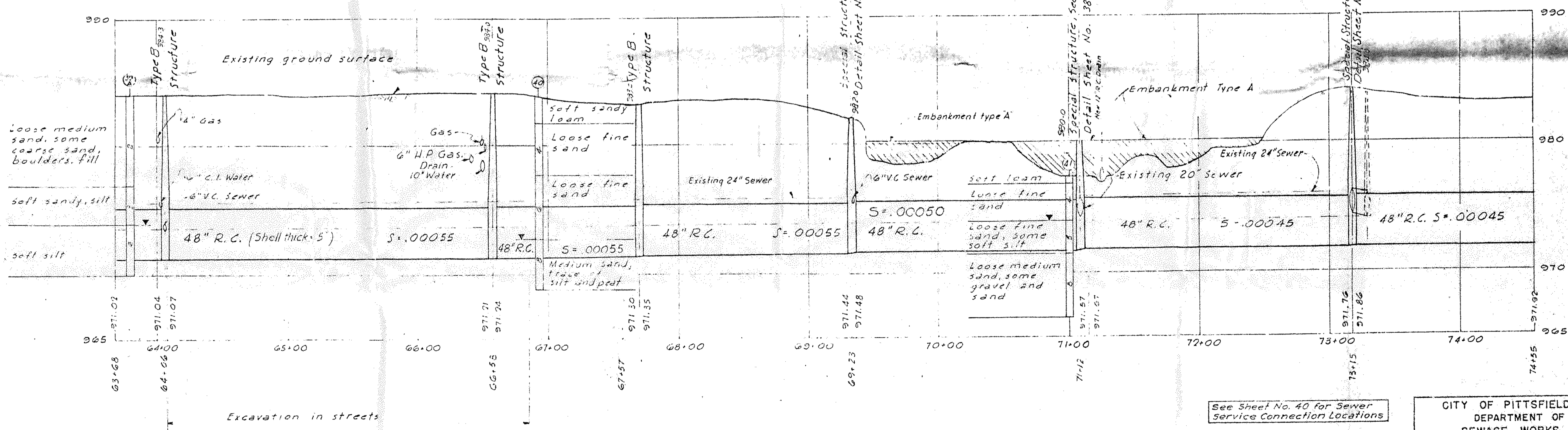
Connect exist G.V.C. Sewer to new M.H. & provide for future 30" connection.

Connect exist 20" Sewer to new 11-12 M.H.

Break into existing 4H. plug outlet & connect to new 73+15 M.H. with 24" R.C. pipe when directed by the Engineer

Note
All houses connected to existing 24" sewer on this sheet shall be located and reconnected to new 48" R.C. sewer. Plug all open ends of existing abandoned sewers with concrete.

PLAN
Scale: 1" = 40'



PROFILE
Scale: 1" = 40' Horiz.
1" = 4' Vert.

See Sheet No. 40 for Sewer Service Connection Locations

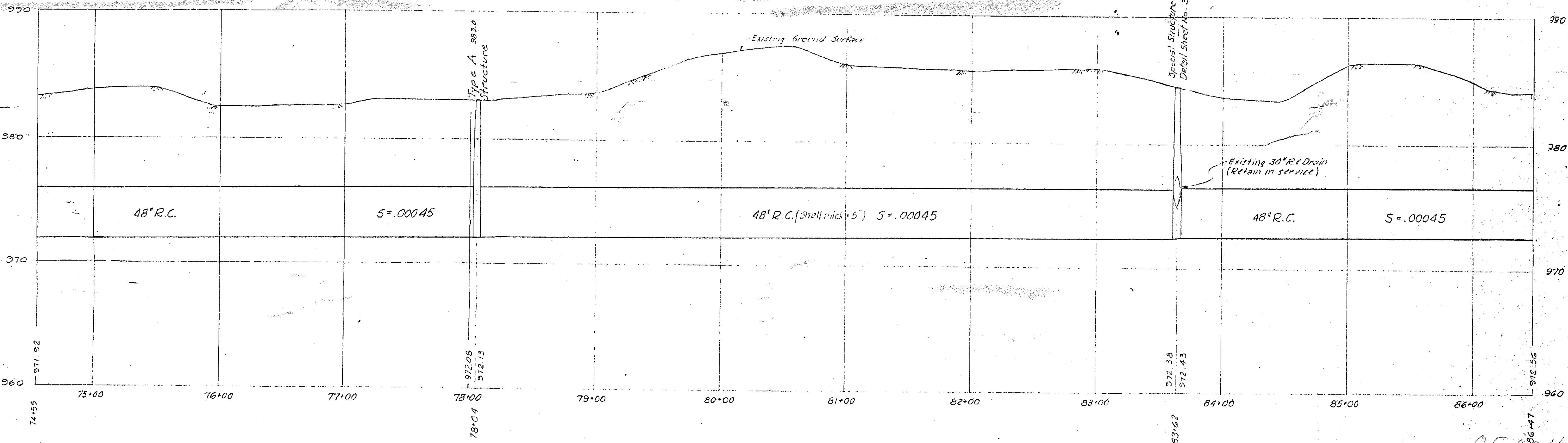
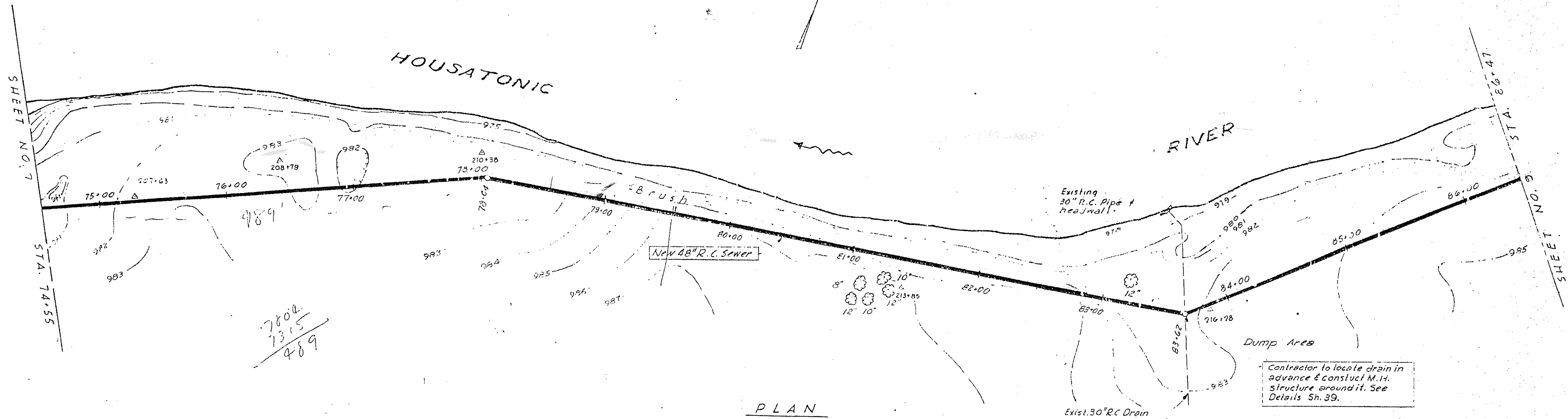
12/19/60 M.S. Revised for Record	
Date	Ch'kd
Date	Revision
Drawn by: A.H.D.L.	Date: Jan. 1960
Checked by: C.A.P.	Scale: As Noted
Approved by: J.C.L.	

CITY OF PITTSFIELD, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
SEWAGE WORKS IMPROVEMENTS
EASTERN INTERCEPTING SEWER
HATHAWAY ST. & CROSS-COUNTRY
STA. 63+68 TO STA. 74+55

CAMP DRESSER & MCKEE
Consulting Engineers
Boston, Mass.

SHEET NO. 7
60-3183

05-0016



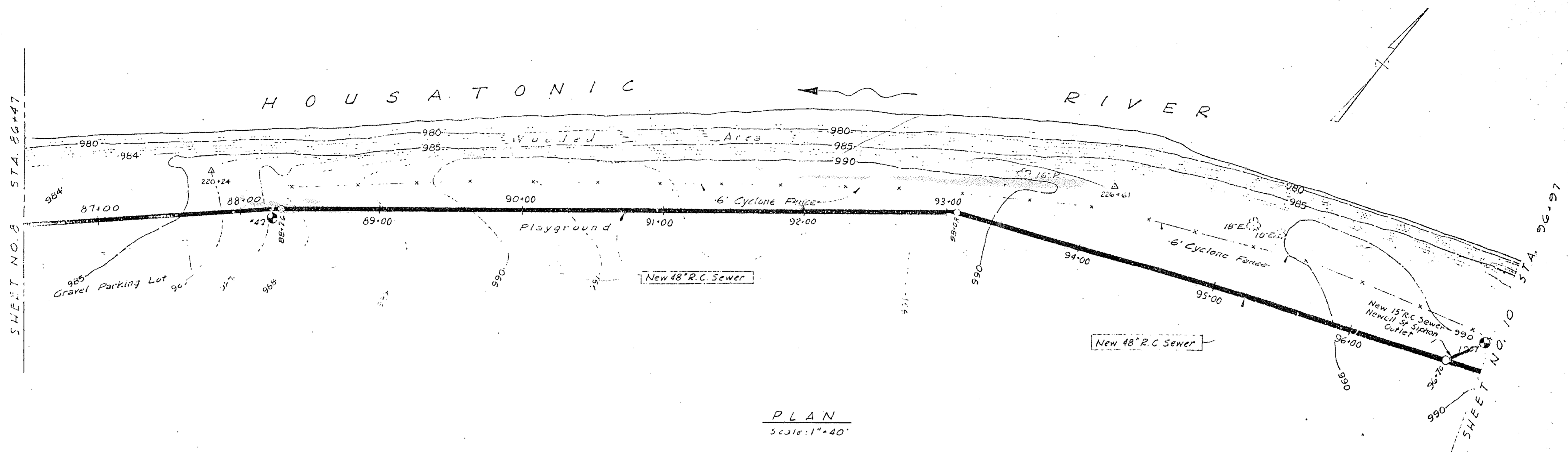
05-0016

CITY OF PITTSFIELD, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
SEWAGE WORKS IMPROVEMENTS
EASTERN INTERCEPTING SEWER
CROSS-COUNTRY
STA. 74+55 TO STA. 86+47

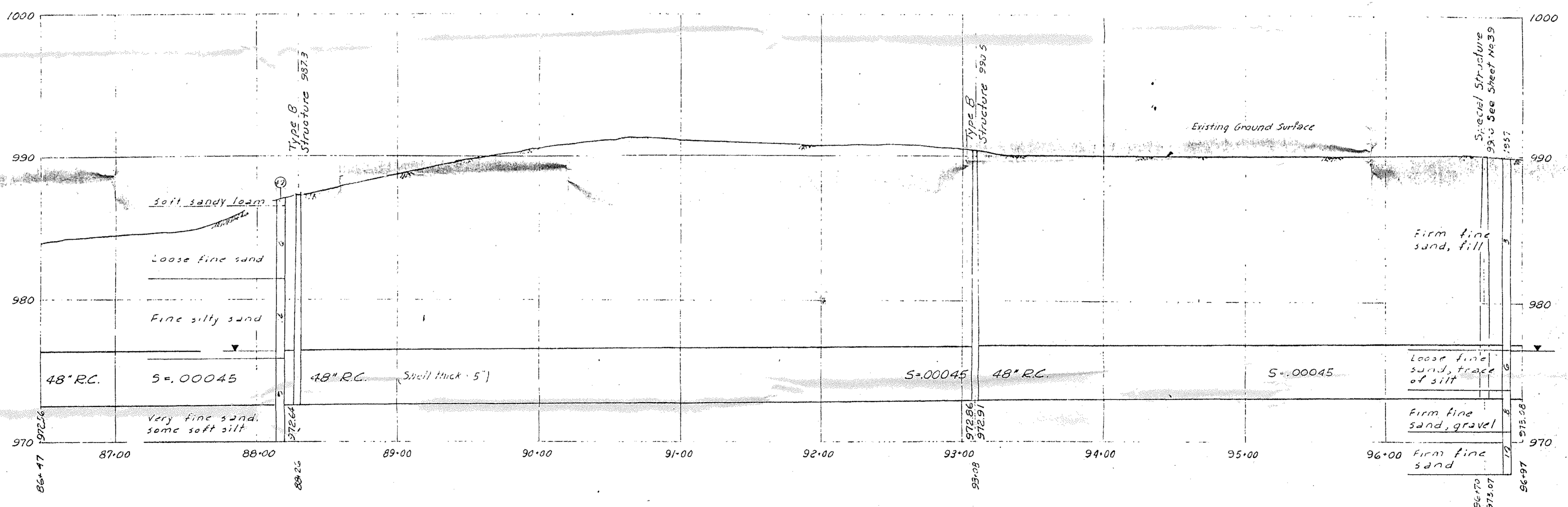
CAMP, DRESSER & MCKEE
Consulting Engineers

SHEET NO. 8

12/2/62	M.S.	Revised for Record
Date	Ch'kd.	Revision
Drawn by: J.H.P.W.	Date: Jan. 1960	
Checked by: L.A.B.		



PLAN
Scale: 1" = 40'



PROFILE
Scale: 1" = 40' Horiz.
1" = 4' Vert.

Date	Chkd.	Revision
Drawn by: G.F.P.M.	Date: 1/30/1960	
Checked by: G.A.B.	Scale: As Noted	
Approved by: J.S.L.		

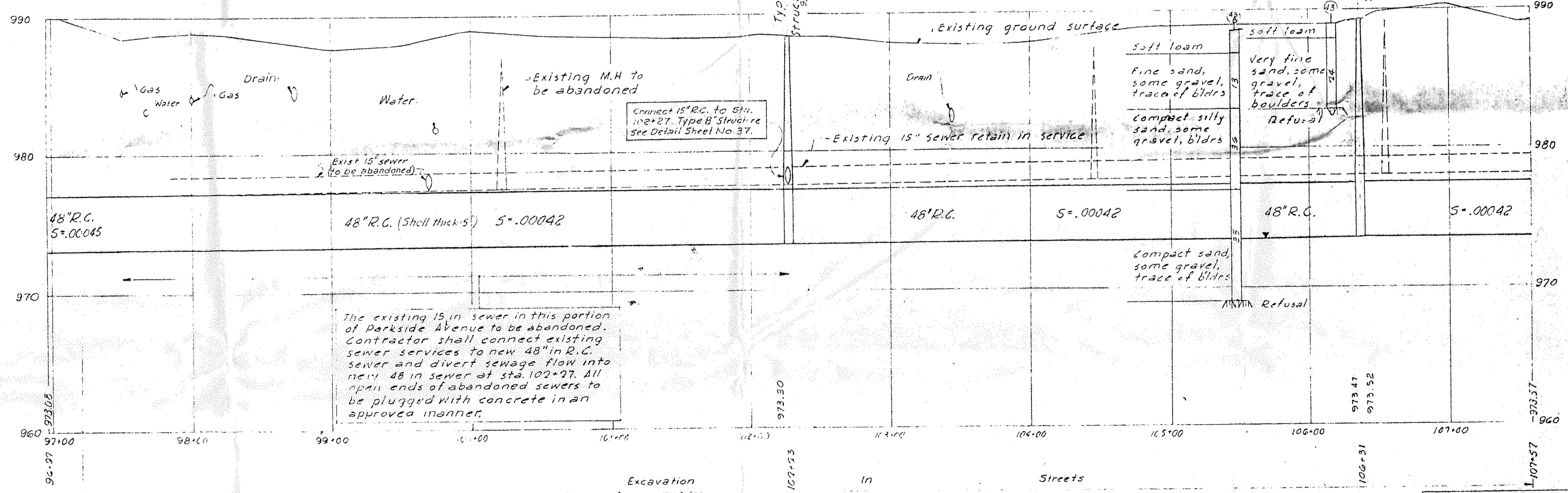
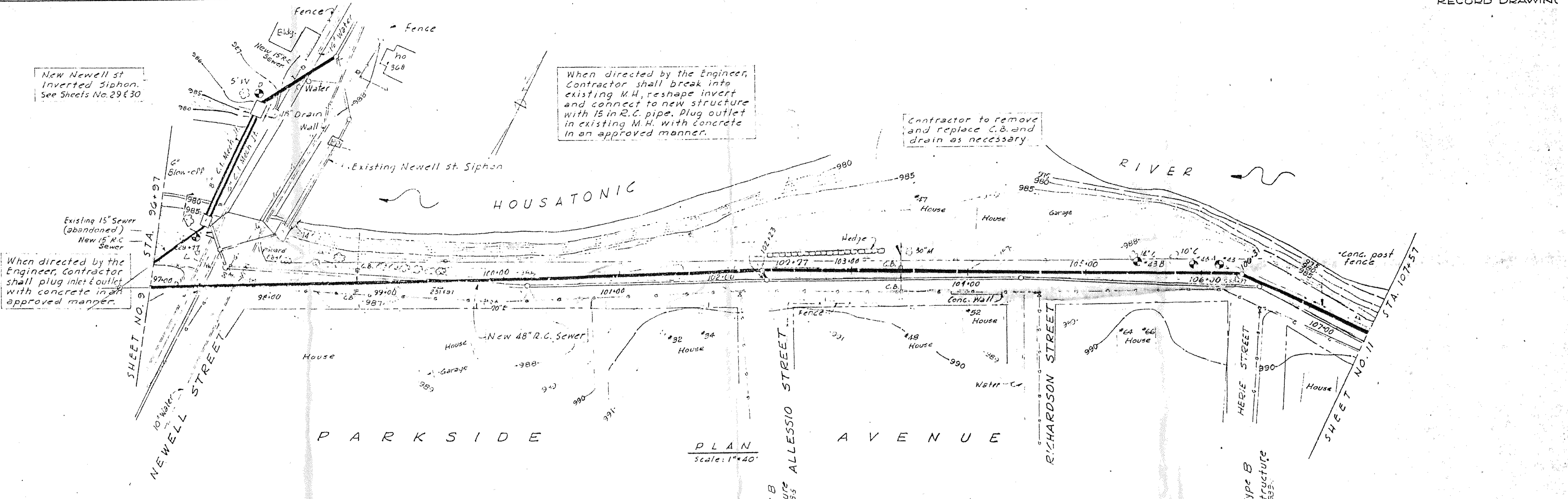
05-0016

CITY OF PITTSFIELD, MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
SEWAGE WORKS IMPROVEMENTS
EASTERN INTERCEPTING SEWER

**CROSS-COUNTRY
STA. 86+47 TO STA. 96+97**

CAMP, DRESSER & MCKEE
Consulting Engineers
Boston, Mass.

SHEET NO.
9
60-3185

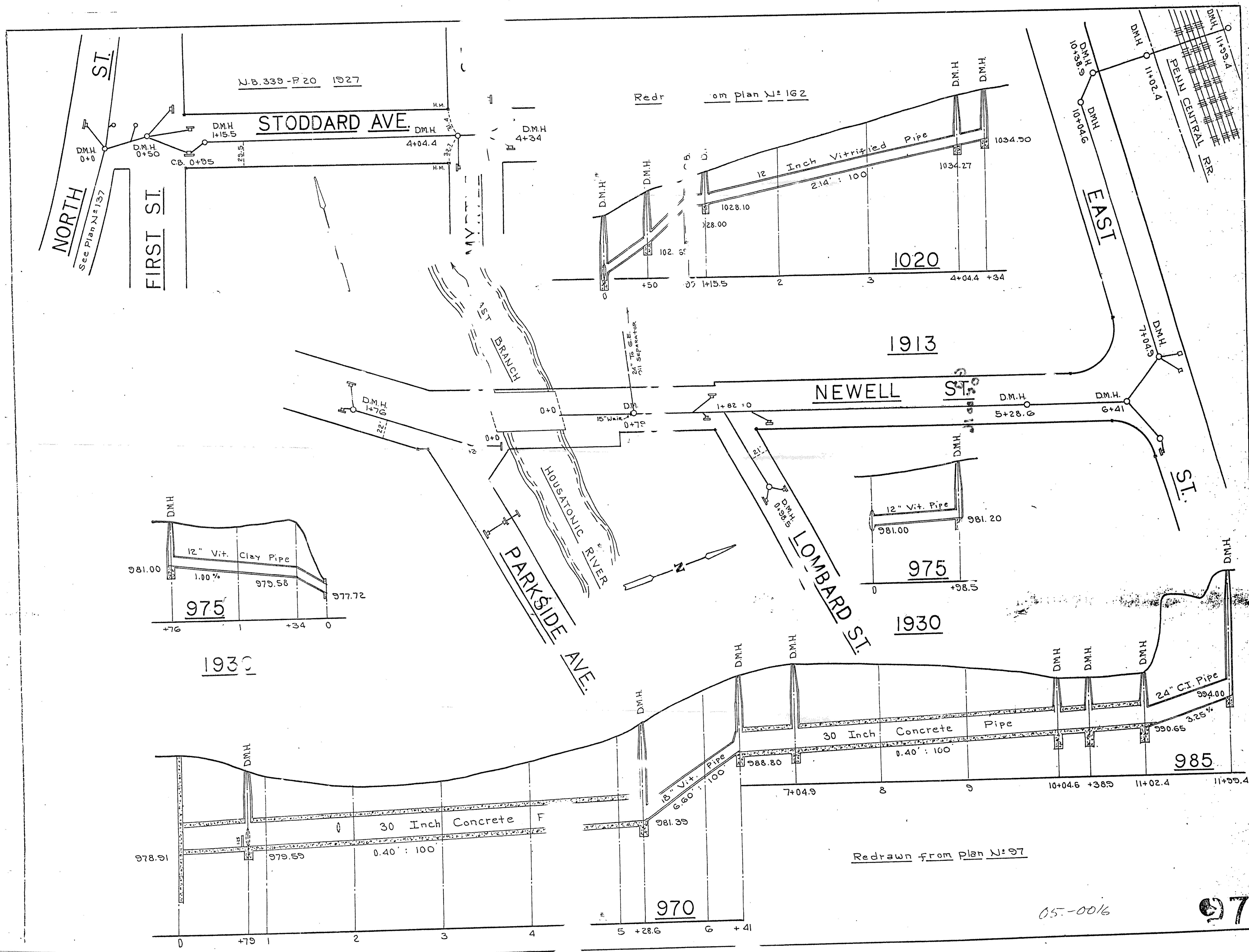


The existing 15 in sewer in this portion of Parkside Avenue to be abandoned. Contractor shall connect existing sewer services to new 48 in R.C. sewer and divert sewage flow into new 48 in sewer at sta. 102+27. All open ends of abandoned sewers to be plugged with concrete in an approved manner.

See Sheet No. 40 for Sewer Service Connection Locations		CITY OF PITTSFIELD, MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS SEWAGE WORKS IMPROVEMENTS	
Checked M.S. Revised for Record		EASTERN INTERCEPTING SEWER PARKSIDE AVENUE STA. 96+97 TO STA. 107+57	
Date	Chkd.	Revision	SHEET NO. 10
Drawn by: C.E.P.	Date: Jan. 1960	Checked by: G.A.P.	CAMP, DRESSER & McKEE Consulting Engineers Boston, Mass.
Approved by: J.C.L.	Scale: As Noted		60-3186

APPENDIX G-3

SANITARY SEWER AND DRAINAGE



N.B. 339-P 20 1927

Redr from plan N: 162

PENN CENTRAL RR
11+53.7

STODDARD AVE

NORTH ST
See Plan N: 137

FIRST ST

EAST ST

1020

1913

NEWELL ST

ST.

PARKSIDE AVE
HOUSTON RIVER

LOMBARD ST

1930

1930

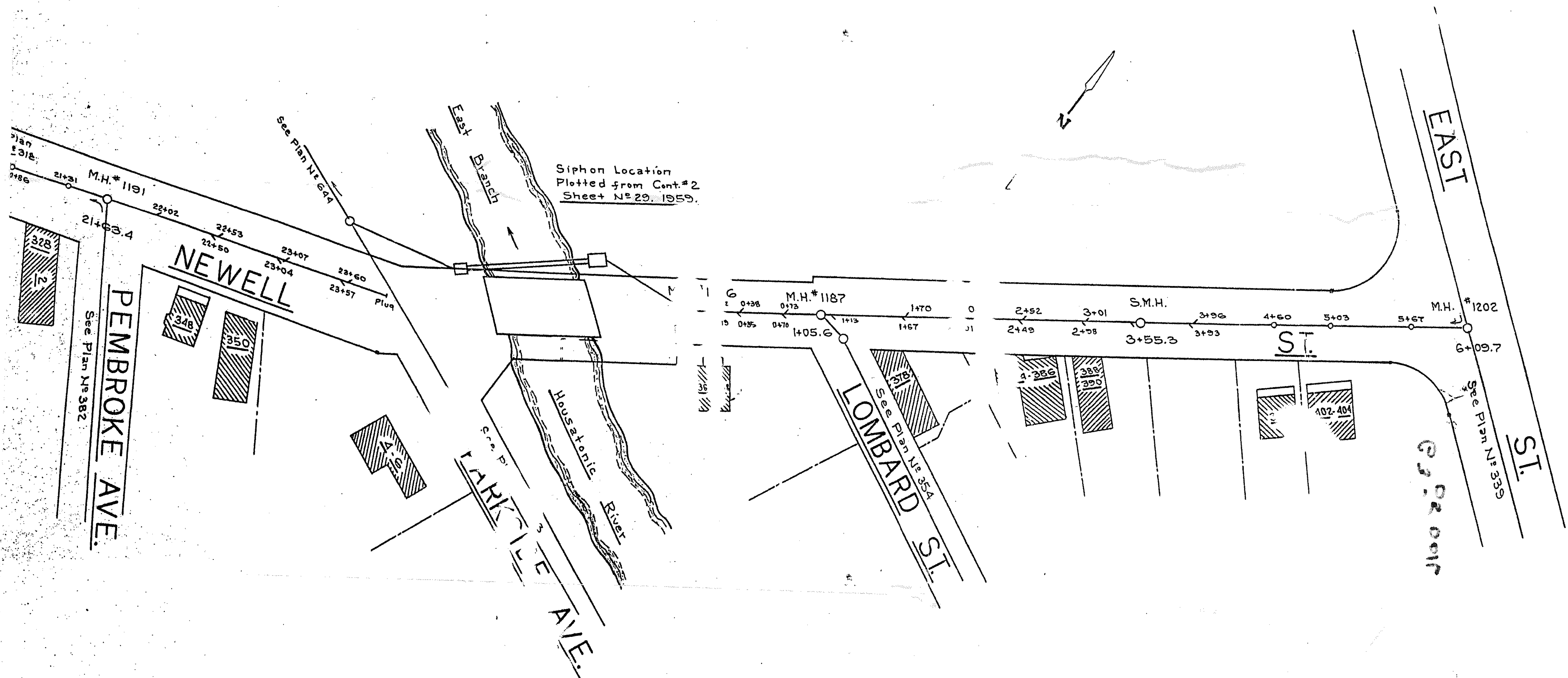
985

970

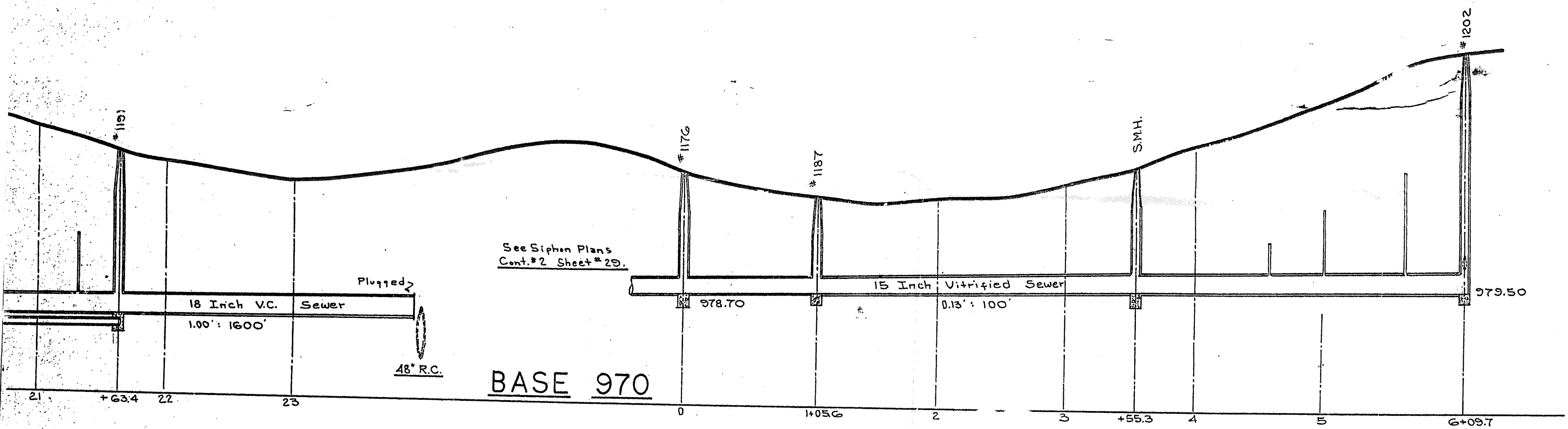
Redrawn from plan N: 97

05-0016

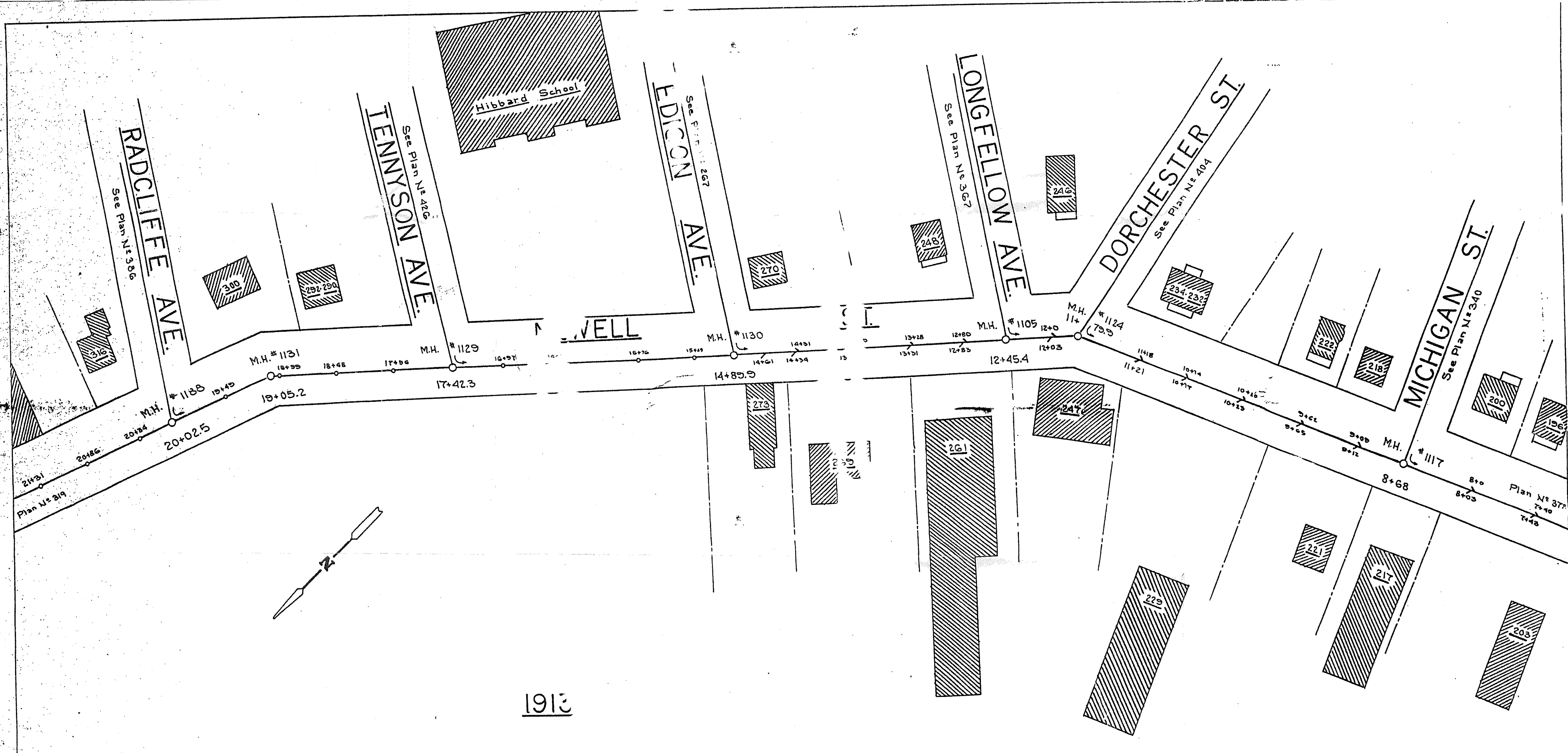
LS-0016



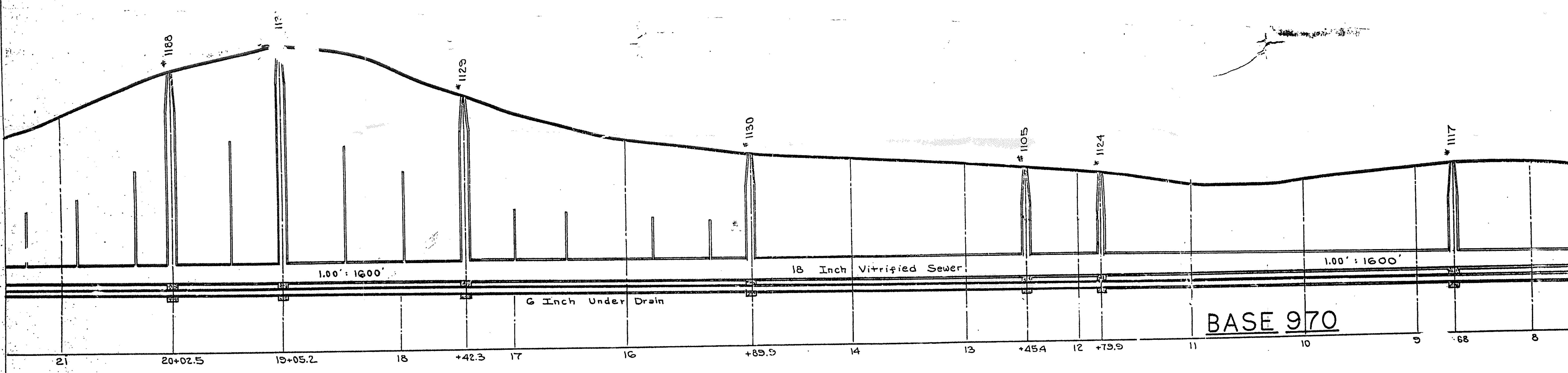
1913



Redrawn from plans N° 319 & 320 1:1.50

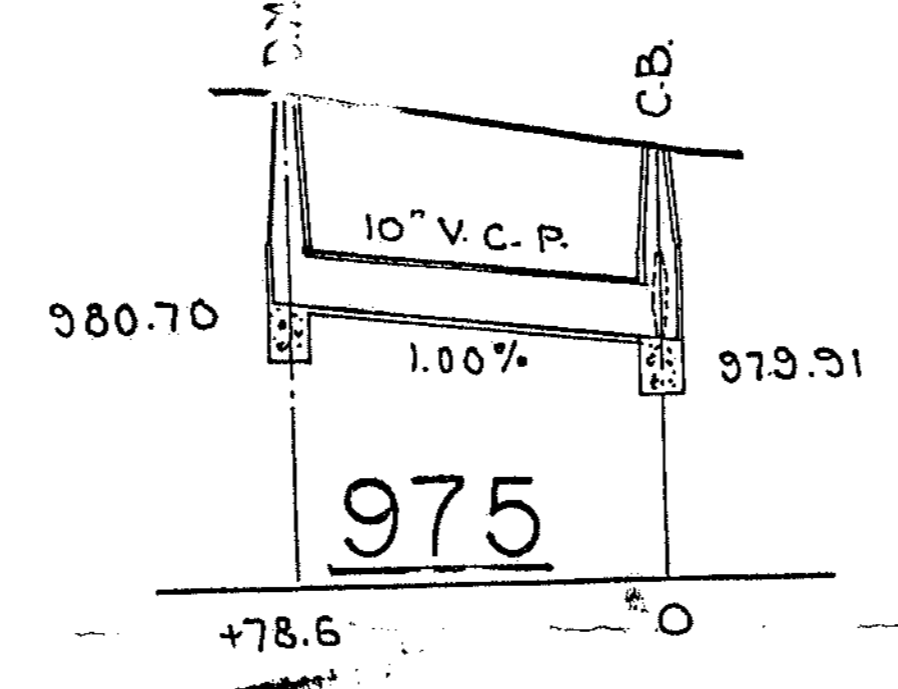
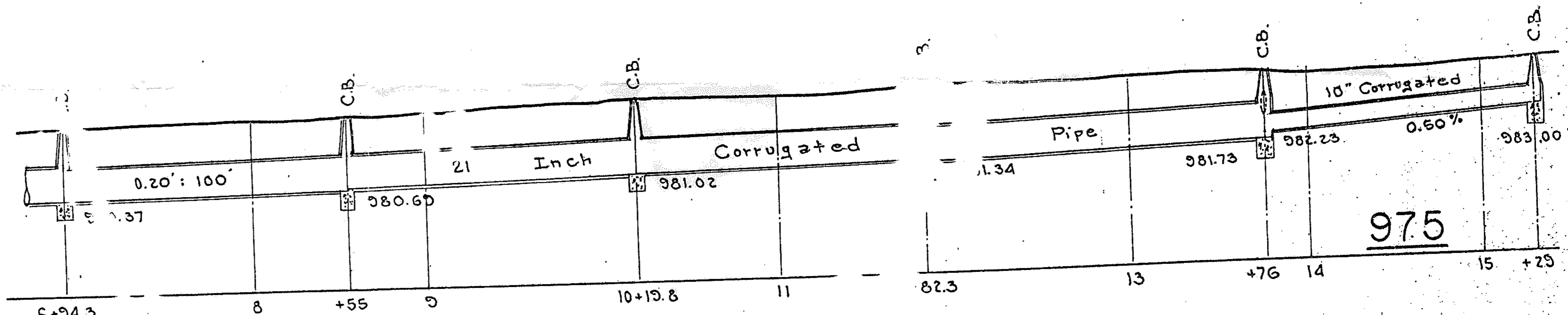
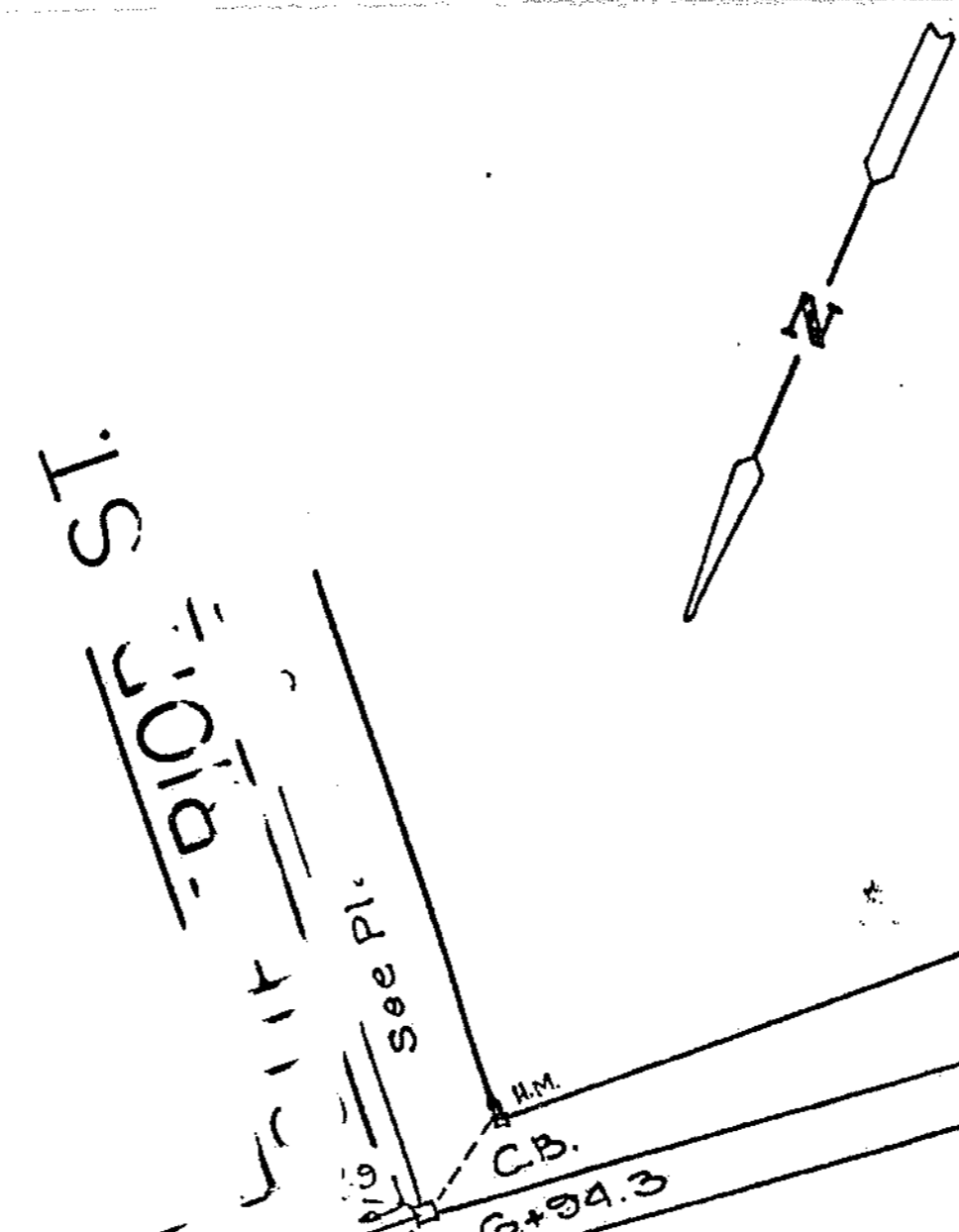
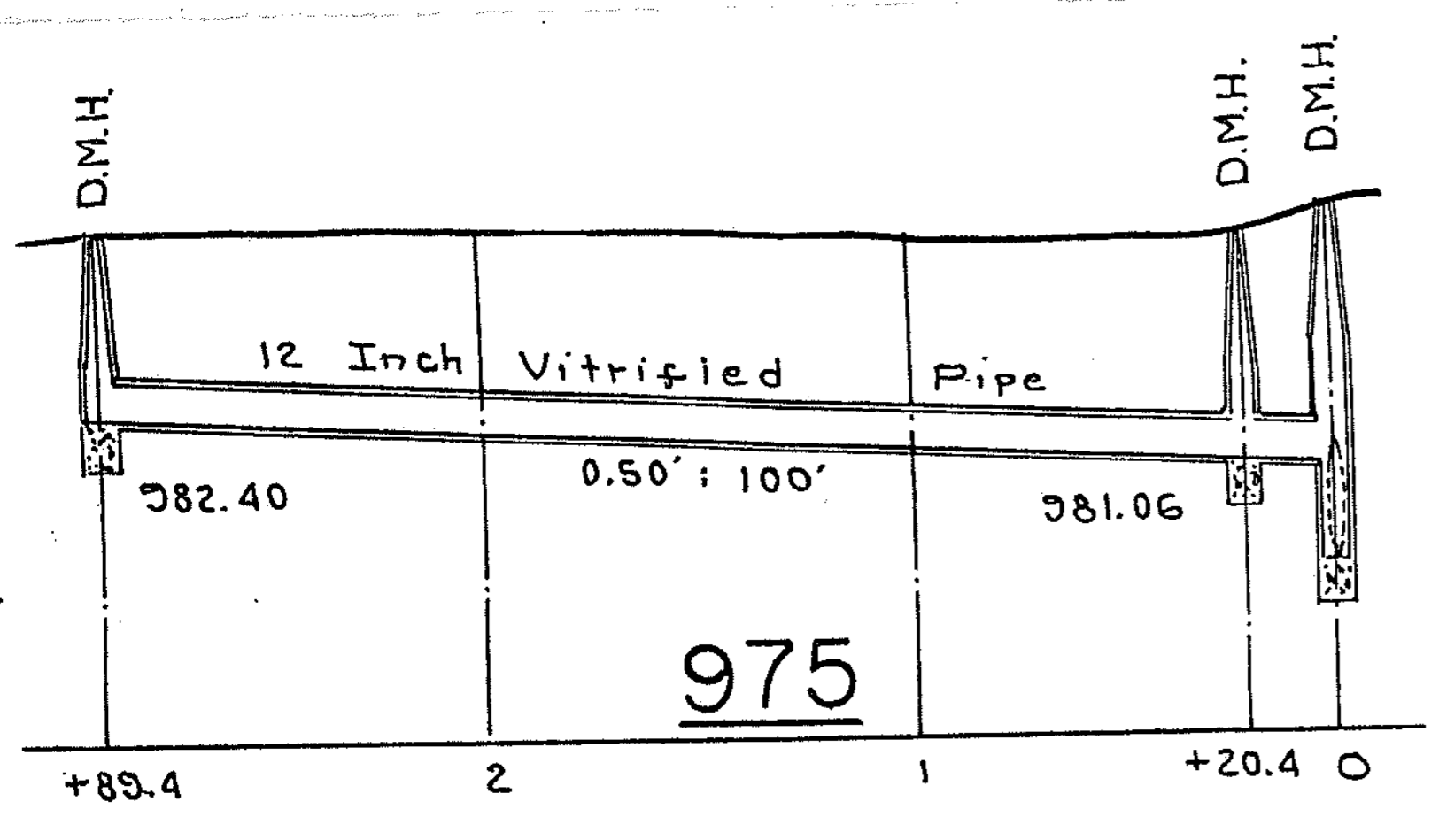


1913

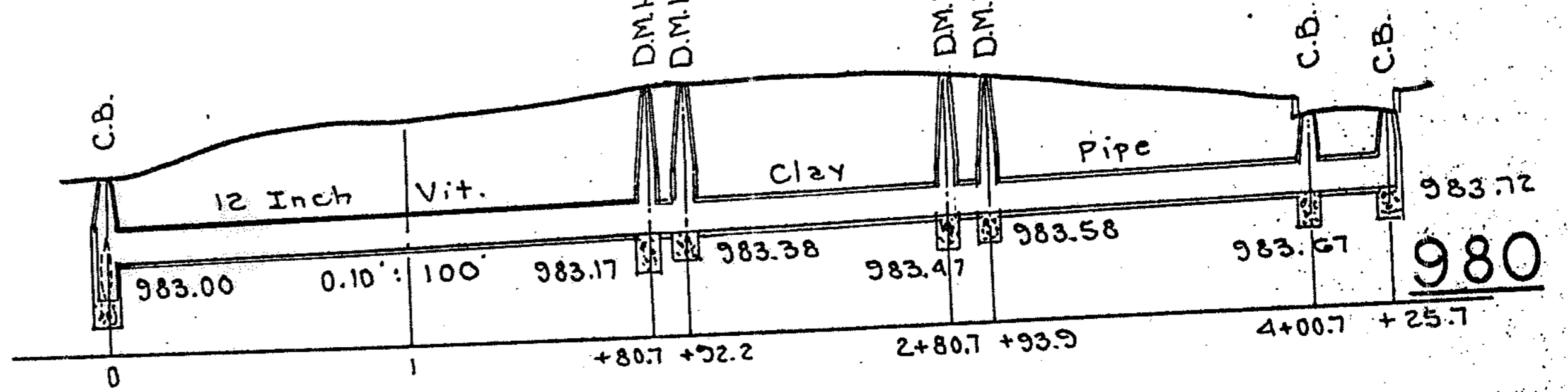
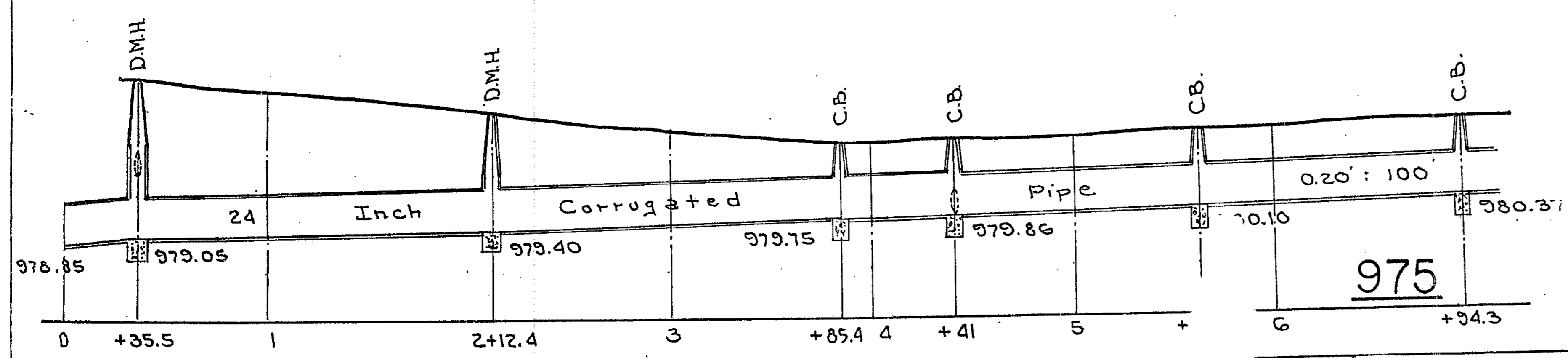
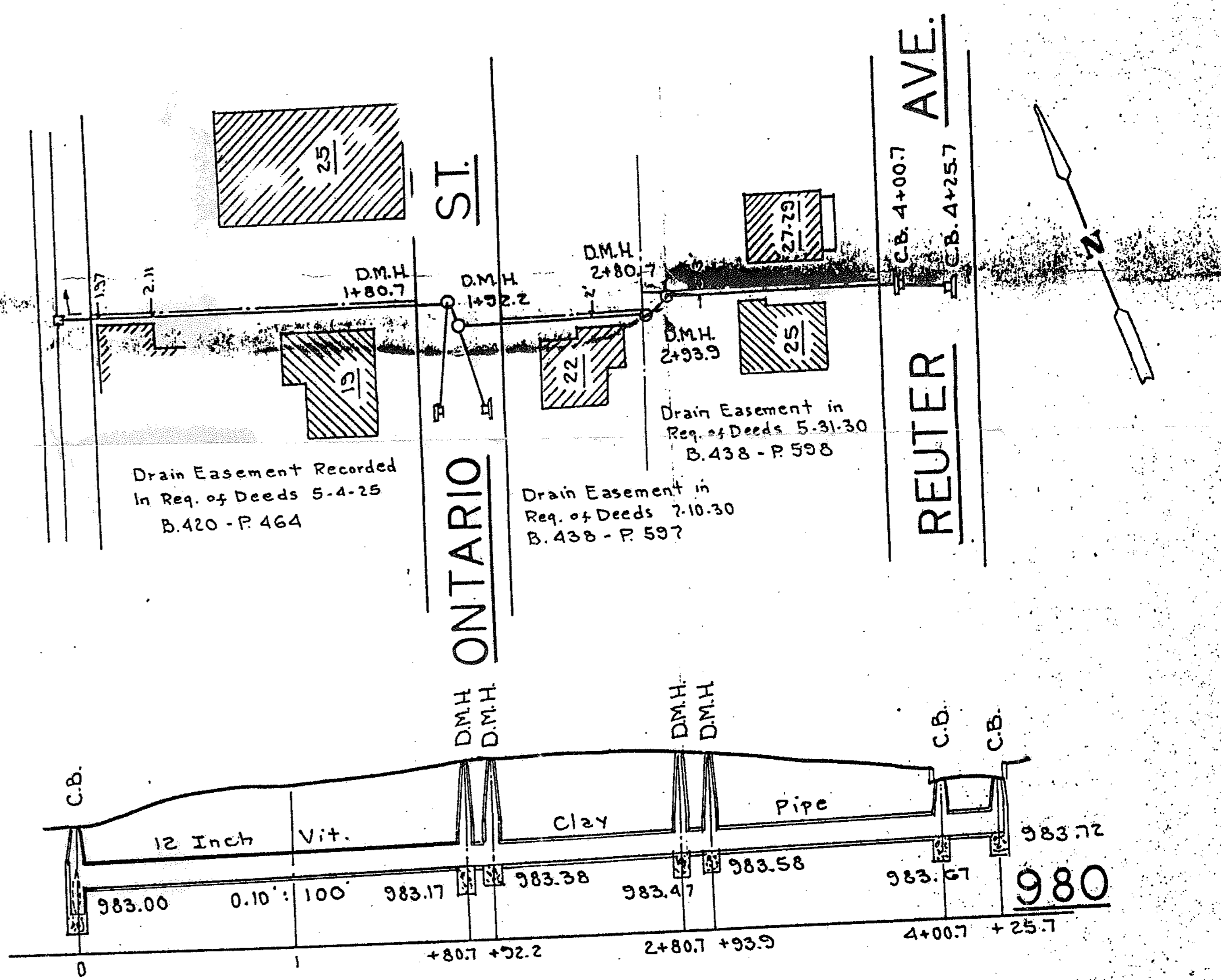


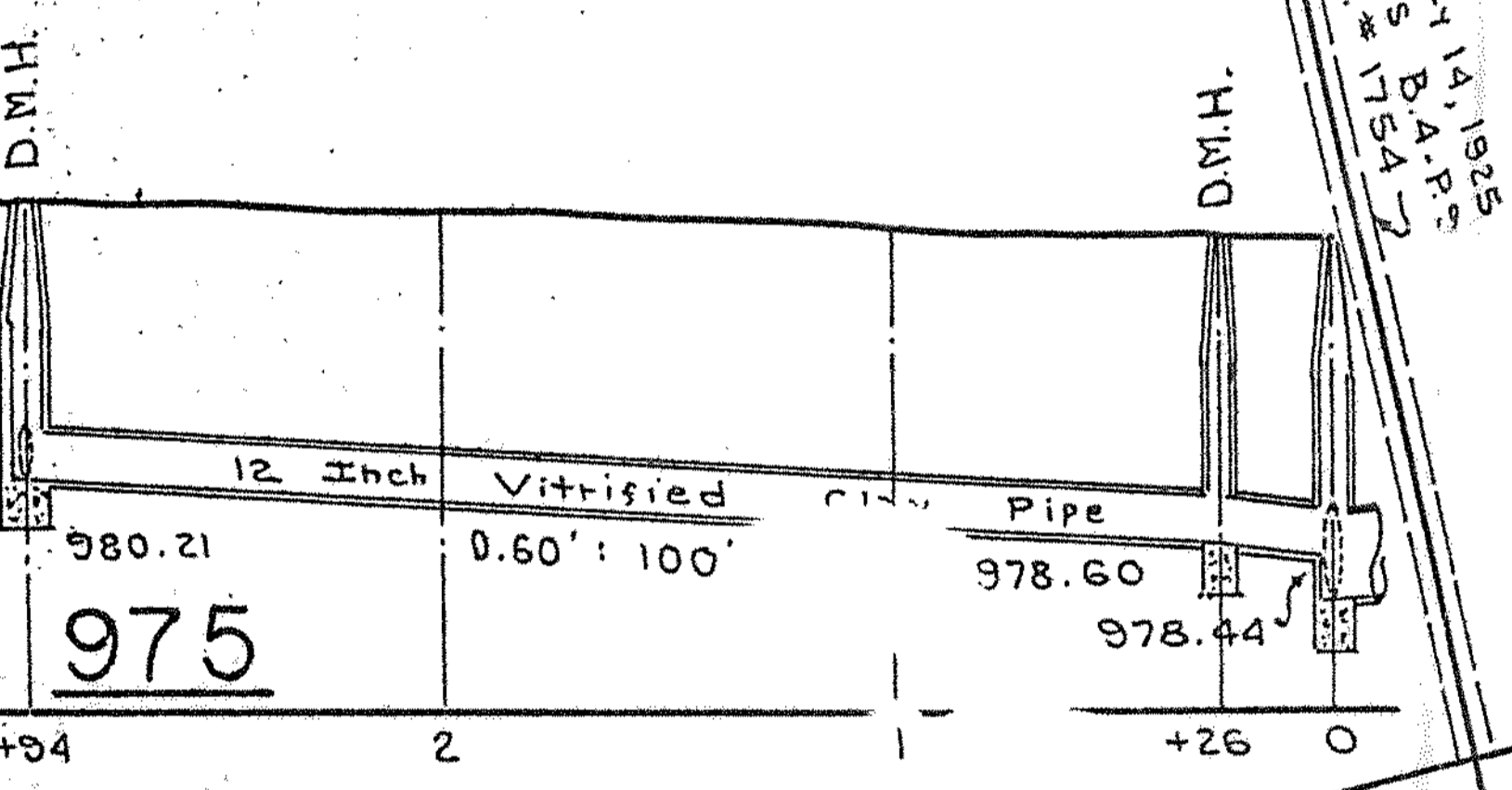
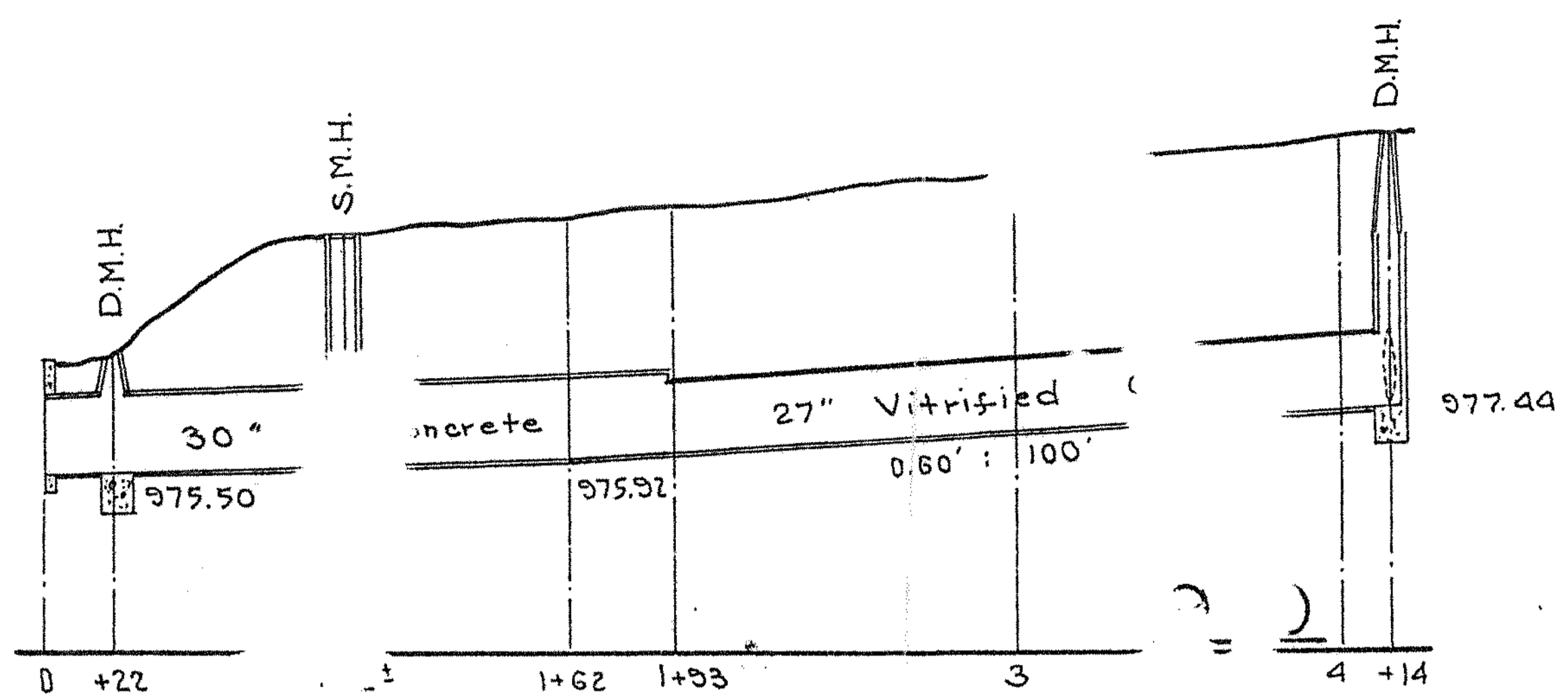
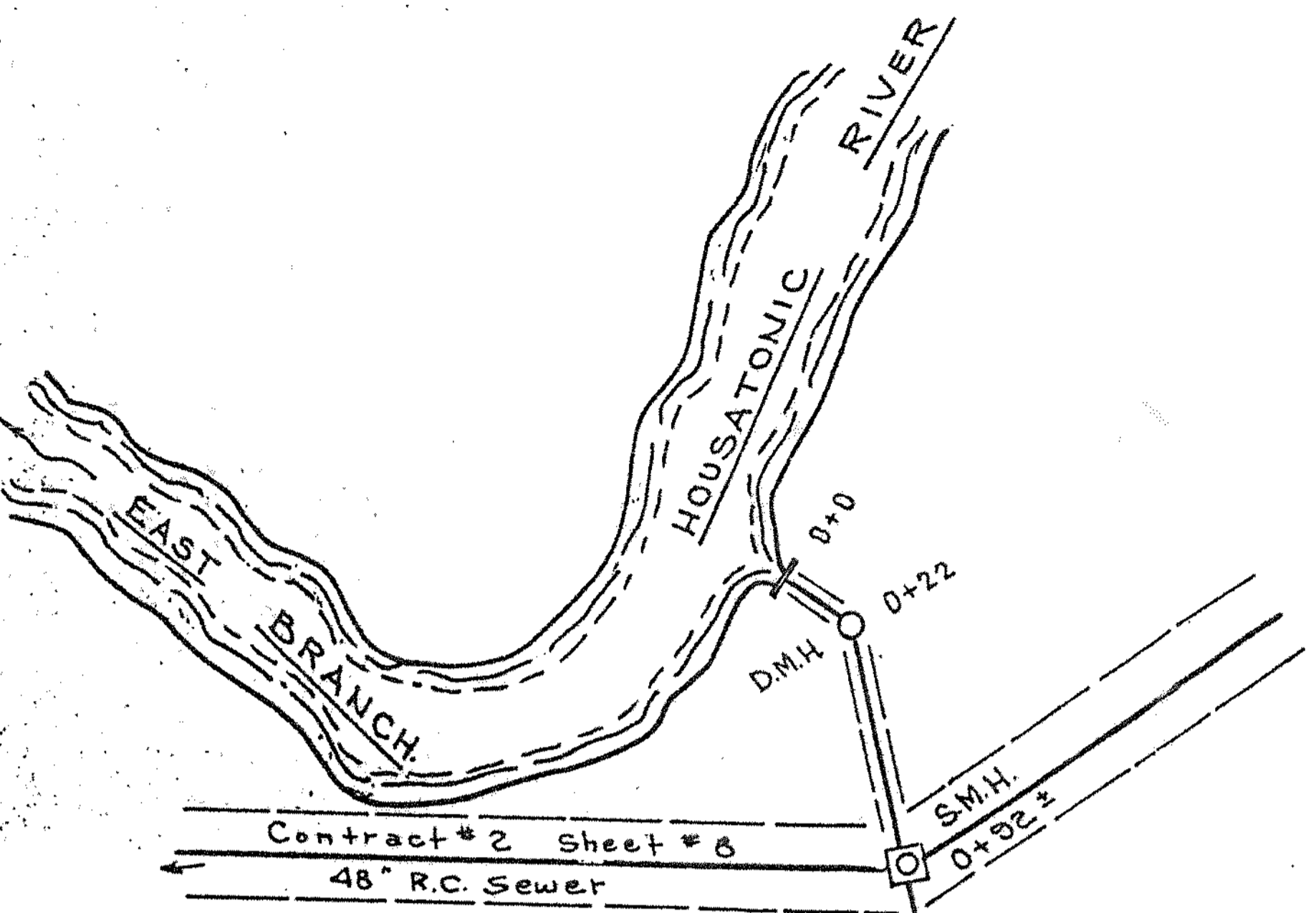
Redrawn from plans N^o 318 & 319 Mar. 1980.

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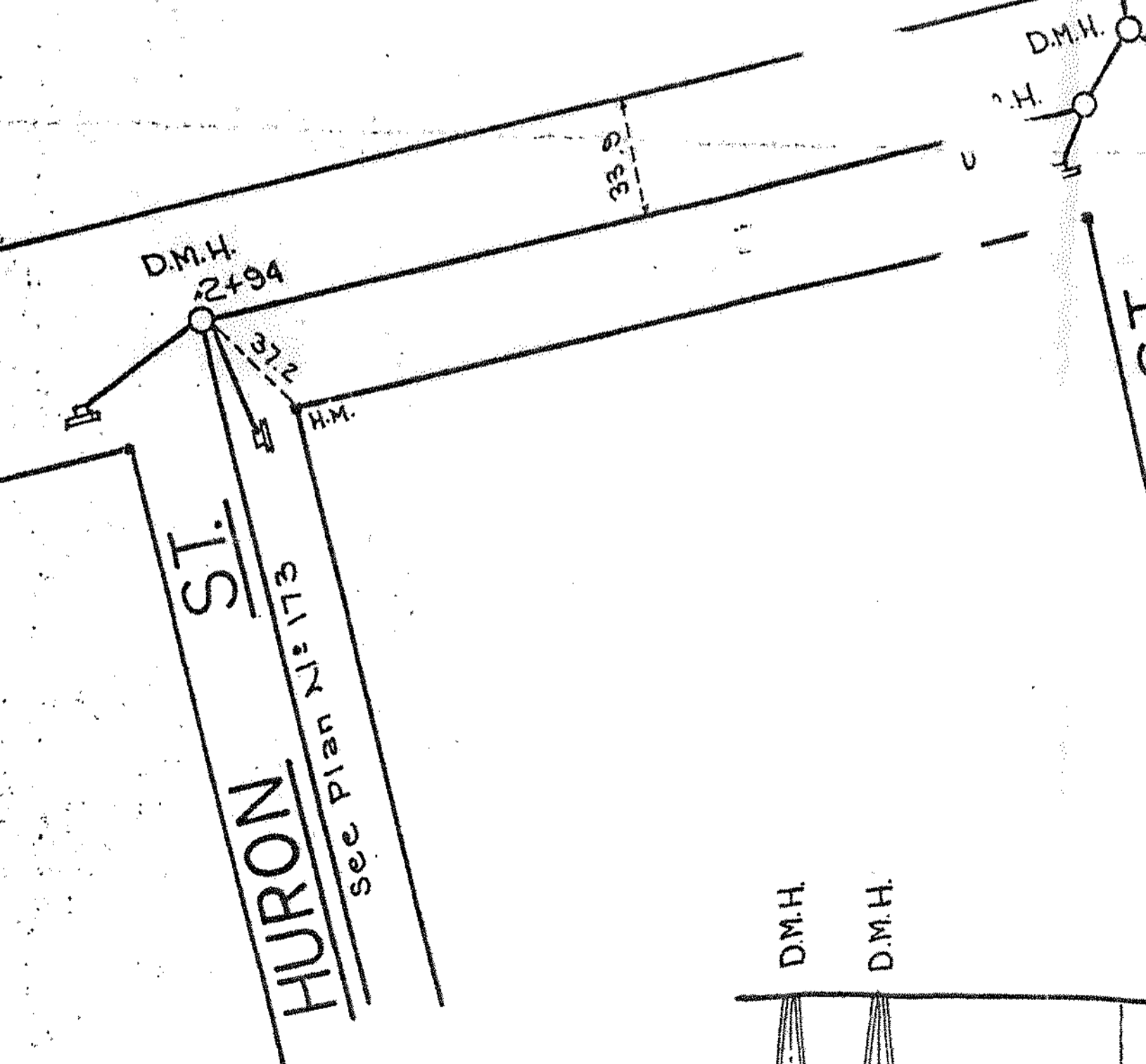


See N.B. N: 379-P 76 1933
 Redrawn from plans N: 145, 149 & 183





1925



MICHIGAN ST.

DORCHESTER ST.

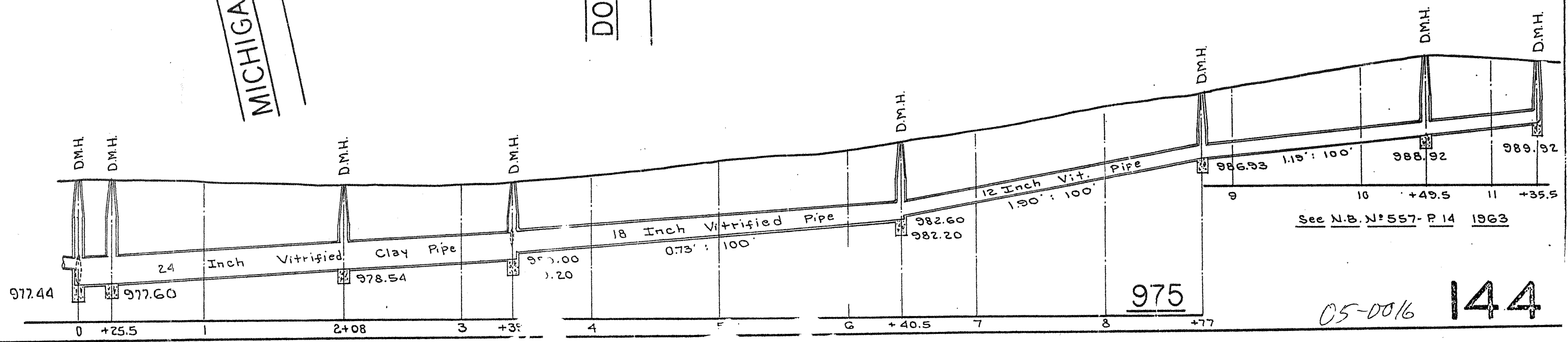
LONGFELLOW AVE.

NEWELL

WILMINGTON AVE.

TENNYSON AVE.

RADCLIFFE AVE.



975

05-0016 144