

**AMENDED DEVELOPMENT PROGRAM AND TAX INCREMENT FINANCING
PLAN**

**RT. 140 CORRIDOR
TAX INCREMENT FINANCING DISTRICT**

NORTHFIELD, NEW HAMPSHIRE

**PREPARED BY
TOWN OF NORTHFIELD
NORTHFIELD ECONOMIC DEVELOPMENT CORPORATION
LAKES REGION PLANNING COMMISSION**

**ADOPTED MARCH 2006
AMENDED MARCH 2017**

Introduction

At Town Meeting 2006 Northfield voters established a Tax Increment Financing (TIF) District for the Route 140 Corridor in accordance with RSA 162-K:5. The purpose of the Development Program and Tax Increment Financing Plan is to comply with the provisions of New Hampshire RSA 162-K:6, 162-K:9 and 162-K:10. Specifically, these statutes require:

- ◆ Municipal adoption of a development program as a condition of establishing a TIF District. (RSA 162-K:6).
- ◆ Municipal adoption of a development and financing plan that allocates use of tax increments for operation, maintenance and improvements in the district and for general municipal purposes (RSA 162-K:9 and K:10).

The purpose of the proposed amendment to the TIF Development Program and Tax Increment Financing Plan is to modify Section II Proposed Improvements to reflect current conditions within the District and revised development priorities.

I. Objectives

The objectives of both the original and amended Development Program and Tax Increment Financing Plan are to:

- ◆ Create opportunities for businesses to locate and expand within the district;
- ◆ Enhance employment and earnings opportunities for area residents;
- ◆ Expand the property tax base of the Town of Northfield.

These objectives will be achieved through the construction of public sewer lines and sewage pumping facilities within the district.

II. Proposed Improvements

Phase I:

A. The Town of Northfield proposes that operation and maintenance responsibility for the following infrastructure be publically managed through a partnership between the Northfield Sewer District and the Town of Northfield:

1. (South Park) An existing sewer force main located along the west side of NH Route 140 as depicted on subdivision plans (8 Sheets) by Burd Engineering – Prepared for Monique Cormier – 70 Carol Court – Laconia, NH and dated June 1998 (revised June 6, 2002) (Exhibit B). The subdivision has 5 commercial lots serviced by an existing paved roadway and cul-de-sac with the lots being

designated as Map R-14/Lot 5-1, Map R-14/Lot 5-2, Map R-14/Lot 5-3, Map R-14/Lot 5-4 and Map R-14/Lot 5-5.

The existing sewer force main is 2" diameter SDR26 PVC pressure line that ties into an existing sewer manhole along Route 140 and opposite Riverside Drive, entrance into "North Park". The force main proceeds east along Route 140 for 827 LF to a sewer cleanout located approximately at Road Station 0+95 shown on plans by Burd Plan on the east side of the subdivision road. Approximately 566 LF of the force main is contained in a 30 LF wide sewer easement for Lot 5-5. The force main then travels south from the sewer cleanout location along the subdivision road for approximately 640 LF to a sewer manhole located at Station 7+30 at the end of the subdivision road. Each of the 5 commercial lots tie into the sewer force main by sewer service laterals and individual low-pressure sewer grinder pump stations.

The existing sewer pressure line would be publically owned. The low pressure sewer grinder pump stations located on Lots as Map R-14/Lot 5-1, Map R-14/Lot 5-2, Map R-14/Lot 5-3, Map R-14/Lot 5-4 and Map R-14/Lot 5-5 would be owned and maintained by the owners of these lots.

2. (North Park) An existing sewer force main located along the North-East side of NH Route 140 as depicted on subdivision plans by Burd Engineering – Prepared for Monique Cormier – 70 Carol Court – Laconia NH and dated April 27, 1998 (sheets separately revised November 12, 1999 and July 24, 1999) (Exhibit C). The subdivision entitled "North Park" has 3 commercial lots serviced by an existing paved roadway and cul-de-sac with the lots being designated as Map R-14/Lot 8-2, Map R-14/Lot 8-3 and Map R-14/Lot 8-4. The subdivision roadway name is Riverside Business Park.

The sewer force main is 3" SDR26 PVC that ties into an existing sewer manhole along Route 140 and opposite Riverside Business Park entrance. The force main proceeds north from the sewer manhole across Route 140 to the subdivision's entrance. The force main then travels along the west side shoulder of the subdivision road to approximately Station 7+00 being the beginning of the cul-de-sac. The force main continues across the center of the cul-de-sac for approximately 258 LF to approximately Station 9+75, terminating at a sewer manhole located in the roadway shoulder. Each of the 3 commercial lots tie into the sewer force main by sewer service laterals and individual low-pressure sewer grinder pump stations.

The existing sewer pressure line would be publically owned. The low pressure sewer grinder pump stations located on Lots as Map R-14/8-2, Map R-14/Lot 8-3, Map R-14/Lot 8-4 would be owned and maintained by the owners of these lots.

- B. The Town of Northfield proposes that operation and maintenance responsibility for the following infrastructure be managed by the Town of Northfield:

A 50 foot right of way identified as the access road to the South Park development as depicted on subdivision plans (8 Sheets) by Burd Engineering – Prepared for Monique Cormier – 70 Carol Court – Laconia, NH and dated June 1998 (revised June 6, 2002) (Exhibit B) including accompanying drainage easements and improvements thereon.

- C. The Town of Northfield proposes that operation and maintenance responsibility for the following infrastructure currently owned by the Town of Northfield be funded through using tax increment financing funds:

Riverside Business Park Drive, a 50 foot right of way acquired by the Town in 2000 (Merrimack County Registry of Deeds Book 2230 Page 1367) 1,236 feet in length and depicted on subdivision plans by Burd Engineering – Prepared for Monique Cormier – 70 Carol Court – Laconia NH and dated April 27, 1998 (sheets separately revised November 12, 1999 and July 24, 1999) (Exhibit C).

Phase II: Construction of sewer infrastructure to serve the northerly portion of the TIF District remains a high priority and will be presented to Northfield voters as a future amendment to this plan.

The number of potential developable lots in Phase II include 14 parcels in Northfield Industrial Park and 2 parcels across Rt. 140 from Northfield Industrial Park, total of 16 parcels with 121 acres.

III. Project Benefits

A. Economic Development Benefits

A report commissioned by the Northfield Economic Development Corporation and written by Fougere Planning and Development Inc., indicates the 182 acres of available land on the Rt. 140 corridor can accommodate up to an additional one million square feet of commercial/industrial space. This projection is based on available acreage; accounting for restrictions such as wetlands, river and road setbacks and impervious surface restrictions.

Using assessments of \$30/sq. ft. for industrial space and \$50/sq. ft. for professional office space, Fougere estimates that new construction has the potential to add between \$30,000,000 and \$50,000,000 in building value to Northfield's total assessed valuation.

Phase I: Development benefits for the project area of Phase I will depend on the type and extent of development. However, the extent to which the town can help create a stable platform for the provision of sewage disposal will help to create a competitive environment for private investment.

The table below projects added valuation of buildings only using a projected coverage of 20% of each of the five lots and a building value of \$30/sq ft:

South Park					
		Building Coverage		Potential Valuation	
Lot	Lot Size	Est. Coverage	20%	Value/sq. ft.	\$30
1	242,650.00 sq. ft	48,530.00	sq. ft	\$1,455,900	
2	500,379.00 sq. ft	100,075.80	sq. ft	\$3,002,274	
3	155,990.00 sq. ft	31,198.00	sq. ft	\$935,940	
4	443,167.00 sq. ft	88,633.40	sq. ft	\$2,659,002	
5	470,785.00 sq. ft	94,157.00	sq. ft	\$2,824,710	
Total	1,812,971.00 sq. ft	362,594.20	sq. ft	\$10,877,826	

North Park					
		Building Coverage		Potential Valuation	
Lot	Lot Size	Est. Coverage	20%	Value/sq. ft.	\$30
1	470,785.00 sq. ft	Not Included		\$0	
2	261,360.00 sq. ft **	52,272.00	sq. ft	\$1,568,160	
3	132,858.00 sq. ft	26,571.60	sq. ft	\$797,148	
4	394,218.00 sq. ft	Already Developed		\$0	
5	687,376.80 sq. ft	137,475.36	sq. ft	\$4,124,261	
Total	1,812,971.00 sq. ft	78,843.60	sq. ft	\$6,489,569	

** Approximate, discounting for wetlands area

The economic development objectives of the project are consistent with the Town of Northfield Master Plan, which states that the continued promotion of industrial and commercial growth in the Route 140 area is a Town priority.

B. Natural Resources Protection

The Master Plan also addresses another important priority of the Town, involving the protection of the stratified aquifer that supplies drinking water to residents of Northfield, Tilton, and Belmont. Several developments on Route 140 rely on subsurface disposal of wastewater. These systems are expensive and consume significant land area.

This project will allow much greater development density which both makes development more feasible and could preserve open space. Construction of the proposed project will transport wastewater generated within the sewer service area to the WRBP treatment plant in Franklin and eliminate the need for future subsurface systems, which pose a threat to the aquifer. In sum, the project will allow a significant amount of reasonable, well planned development while protecting the environmental integrity of the water supply for Northfield, Tilton, and Belmont.

IV. District Boundaries

A. List of Properties

The TIF district includes those 33 properties indicated in EXHIBIT A which is appended hereto.

B. Land Area and Assessed Values

The TIF district contains 360.35 acres, which represents 1.9% of the total land area in the Town of Northfield (18,496 acres). The total assessed value of taxable property at the time the district was created \$9,947,868, or 3.4% of the total assessed value of taxable property in the Town (\$293,433,094). Thus, the district complies with the size standards of RSA 162-K:5 which stipulates that the district cannot exceed 5% of total acreage of the municipality

A plan of the District is appended as Exhibit A

V. Open Space

There is no additional open space planned within the District at this time.

VI. Environmental Controls

The Town of Northfield, as well as private parties, will be required to comply with appropriate environmental regulations.

These regulations may include any or all of the following:

- ◆ State and federal regulations regarding the protection of wetlands and floodplains.
- ◆ State standards for design of public sewer systems.
- ◆ State permits regarding soil disturbance/filling.
- ◆ State and federal regulations regarding air, water, and noise pollution.
- ◆ Applicable building codes, zoning ordinance, subdivision and site planning regulations.

VII. Proposed Re-Use of Private Property

TIF proceeds will not be utilized for the purpose of purchasing private property.

VIII. Relocation and Displacement

The planned development program will not result in the relocation and/or displacement of persons, families, business concerns, or others.

IX. Proposed Operations of the District

A. Maintenance and Operations

Engineers from Stantec Engineering, working under contract with the Northfield Economic Development Corporation, expects that there will be about \$10,000 in Phase I annual costs associated with normal maintenance, inspection, de-icing and operations of the above referenced system.

B. Sources of Funding

These costs will be paid from incremental tax revenues attributable to new development and/or redevelopment within the proposed TIF District.

Since the planned improvements have a general public benefit, no special assessments will be levied against properties located in the District.

C. Records and Reports

Pursuant to the requirements of Section 162-K:11, the Town of Northfield annual report shall contain a financial report for the Development District. This report shall contain:

- ◆ The amount and source of revenue of the District;
- ◆ The amount and purpose of expenditures;
- ◆ The amount of principal and interest on any outstanding bonded indebtedness;
- ◆ The original assessed value of the District;
- ◆ The captured assessed value retained by the District;
- ◆ The tax increments received; and
- ◆ Any additional information necessary to demonstrate compliance with the tax increment financing plan.

X. Estimated Cost of the Development Program

A. Septic Improvements:

The total estimated cost to implement the proposed project based on estimates provided by Stantec Engineering, consists of:

- an estimated annual operations and maintenance expense of \$10,000;
- development and maintenance of a \$50,000 emergency repair fund, and

- establishment of a system replacement fund, funded at a level of \$17,550.00 annually. The replacement fund assumes a replacement cost of \$308,375.00 adjusted for inflation over the 75 year estimated life of system, as indicated in Section XI B below.

B. Road improvements

Includes the estimated cost to reclaim and overlay Riverside Business Park and South Park Development Road on a cycle approximately 15 years in duration, exact schedule will factor in actual road conditions:

A total of 2,035 feet of road way 24 feet in width, with a 4 inch overlay. Estimated 1272 tons of material costed at \$85/ton, total cost of \$108,120.00 for each repair cycle.

XI. Funding Sources

A. Uses of Incremental Tax Revenues

Pursuant to RSA 162-K, the Town of Northfield may, subject to approval of Town Meeting, utilize incremental property tax revenues received from newly developed properties, and increased assessed value in the TIF District to pay for the proposed improvements. This means that since the Town Meeting adopted the statute, approved this plan, and designated the TIF District, any increase in assessed value on April 1, 2006 and thereafter is classified as "incremental assessed value". Incremental income is gained by applying the Town property tax rate, less the State education rate, to this incremental value. As indicated in Section XIII, below, this rate is currently \$26.00/\$1,000 (\$.02600). Thus, \$1,000,000 in incremental assessed value would yield \$26,000 in tax revenues.

B. Annual Cost of the Program

The estimated annual cost of the program is \$39,830 for the first 10 years and \$34,830 annually thereafter, except as needed to replenish the repair funds if needed as follows:

- ◆ Operations and Maintenance, sewer facilities: \$10,000 annually
- ◆ Repair Fund, sewer facilities: \$5,000 annually, suspended when fund balance reaches \$50,000
- ◆ Replacement Fund, sewer facilities: \$17,550 annually. Stantec Engineering estimates system replacement costs in 2017 dollars as \$125.00/linear foot, or \$308,375 and that the life expectancy of the system is 75 years. Projecting future costs using an

inflation rate of 2% annually the replacement cost in 2092 is \$1,335,032.00. Annual deposits of \$17,550 and an assumed interest rate of 0.75% will provide the necessary funds (Exhibits D & E)

- ◆ Repair fund, road maintenance: \$7,208 annually. Estimated need for reclaim on a 15 year cycle. \$7,208 annually x 15 years = \$108,120; estimated maintenance cost.

XII. Development Agreements

Since operation of the system may commence prior to the realization of the required incremental value, the Board of Selectmen will require a potential developer, or potential developers as the case may be, to execute a clearly enforceable Development Agreement. This Agreement will require potential developer(s) to pay any deficiency between the Town's actual annual project costs and incremental tax revenues.

XIII. Impacts on Other Taxing Jurisdictions

Property taxes applied to incremental assessed value in the TIF District will include the municipal, school, county, and precinct taxes currently collected by the Town. In 2016 the applicable tax rates are as follows:

Town	\$6.95 per \$1,000
County	\$2.92 per \$1,000
Local School Effort	\$13.63 per \$1,000
Tilton-Northfield Fii	\$2.50 per \$1,000
Total	\$26.00 per \$1,000
State School effort of \$2.48 cannot be applied	

The estimated impact of tax increment financing on the assessed values of all other taxing jurisdictions within the Town of Northfield is negligible, since:

- ◆ The proposed improvements are designed to encourage industrial and commercial investment and lessen the residential tax burden. Thus, these activities will contribute to a long-term increase in the non-residential tax base at a faster rate than would otherwise be achieved.
- ◆ Municipal authorities believe that the least burdensome form of providing infrastructure improvements involves tax increment financing.
- ◆ There is no currently taxable property planned to be removed from the Grand List as a result of this project.

- ◆ The Town of Northfield will limit its use of incremental revenues to an annual amount required as noted in Section XI B, above, excess incremental revenues will be returned to the Grand List.

XIV. Plan Amendments

Pursuant to RSA 162-K:9, this plan can only be amended by a vote of Town Meeting.

XV. Duration of Program

The Development District will exist until all maintenance, repair and replacement obligations outlined in this amended development plan are fulfilled.

XVI. District Administration

The District shall be administered by the Town Administrator and the Board of Selectmen.

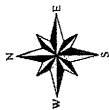
XVII. Advisory Board

An Advisory Board shall advise the Board of Selectmen and Town Administrator on planning, construction and implementation of the development program and on maintenance and operation issues within the District after the development program described herein has been completed. Subject to Town Meeting authorization, a five person Advisory Board shall be appointed by the Board of Selectmen. Pursuant to RSA 164-K:14 a majority of the Advisory Board shall be owners or occupants of real property within or adjacent to the TIF District.

XVIII. Implementation

Implementation of this plan amendment requires that the following actions be taken at the March 2017 Town Meeting:

- ◆ Adoption of this Development Program and Tax Increment Financing Plan (RSA 162-K:6 and 162-K:9).



Rt. 140 Development Corridor TIF

Northfield, NH

January 23, 2017

1 inch = 1075 Feet



www.cai-tech.com

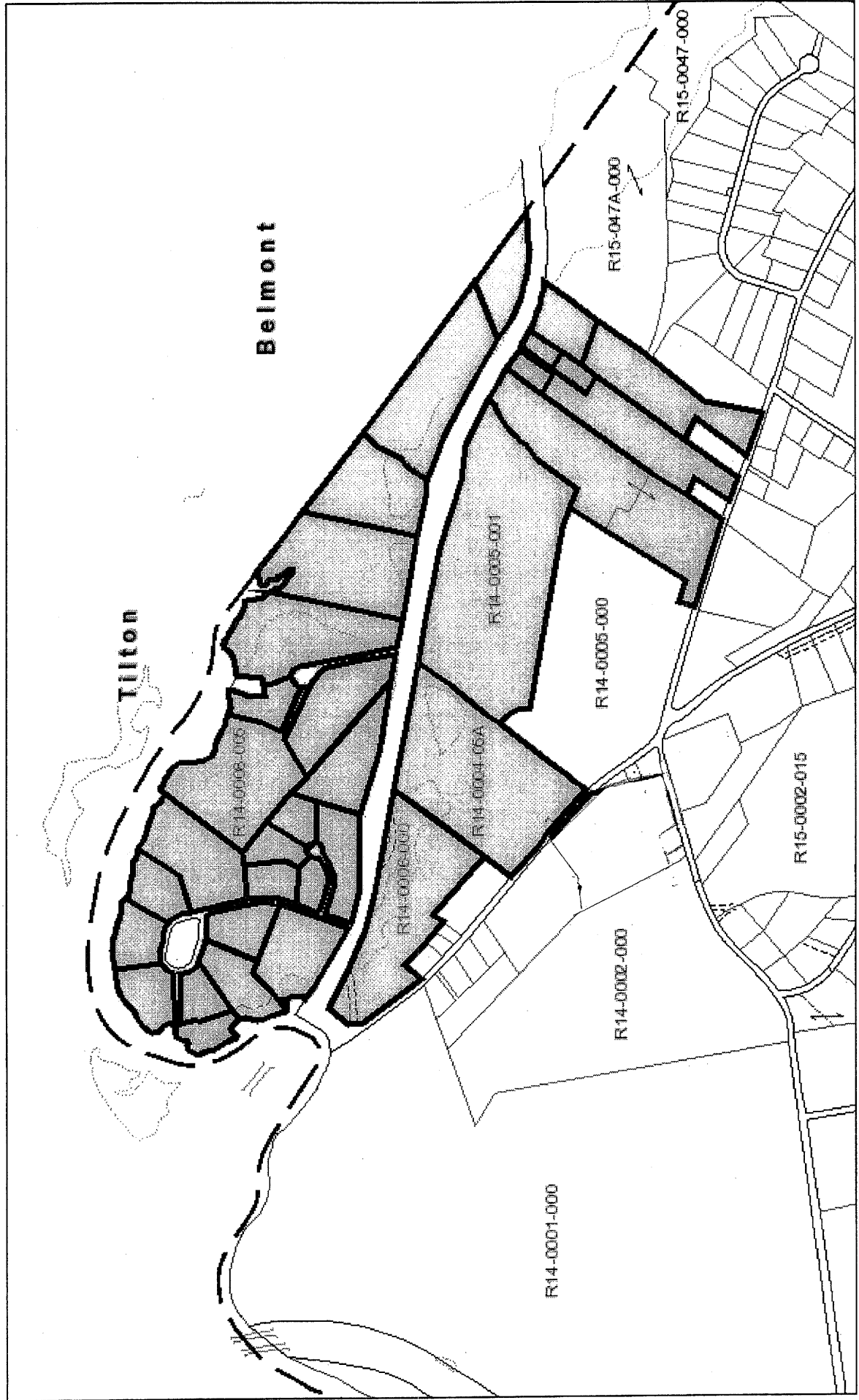
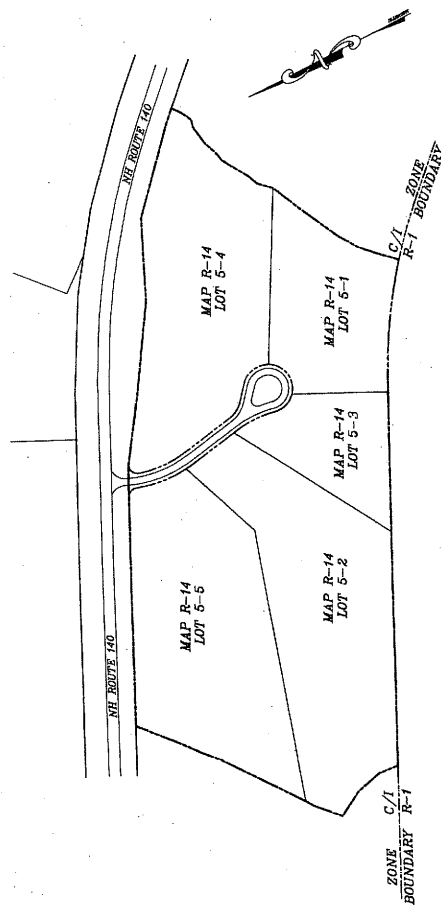


EXHIBIT A

SOUTH PARK COMMERCIAL / INDUSTRIAL SUBDIVISION NORTHFIELD NEW HAMPSHIRE



- SHEET INDEX**
- 1 SUBDIVISION PLAN (RECORDING)
 - 2 TOPOGRAPHIC PLAN
 - 3 PROPOSED ROAD PLAN & PROFILE
 - 4-5 PROPOSED ROAD CROSS SECTIONS
 - 6 CONSTRUCTION DETAILS
 - 7 WATER LINE DETAILS
 - 8 EROSION CONTROL DETAILS



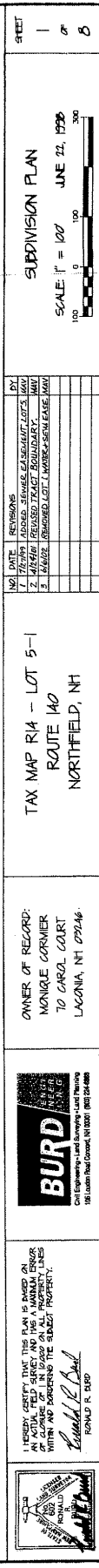
JUNE 1998
REVISED: DECEMBER 6, 2000

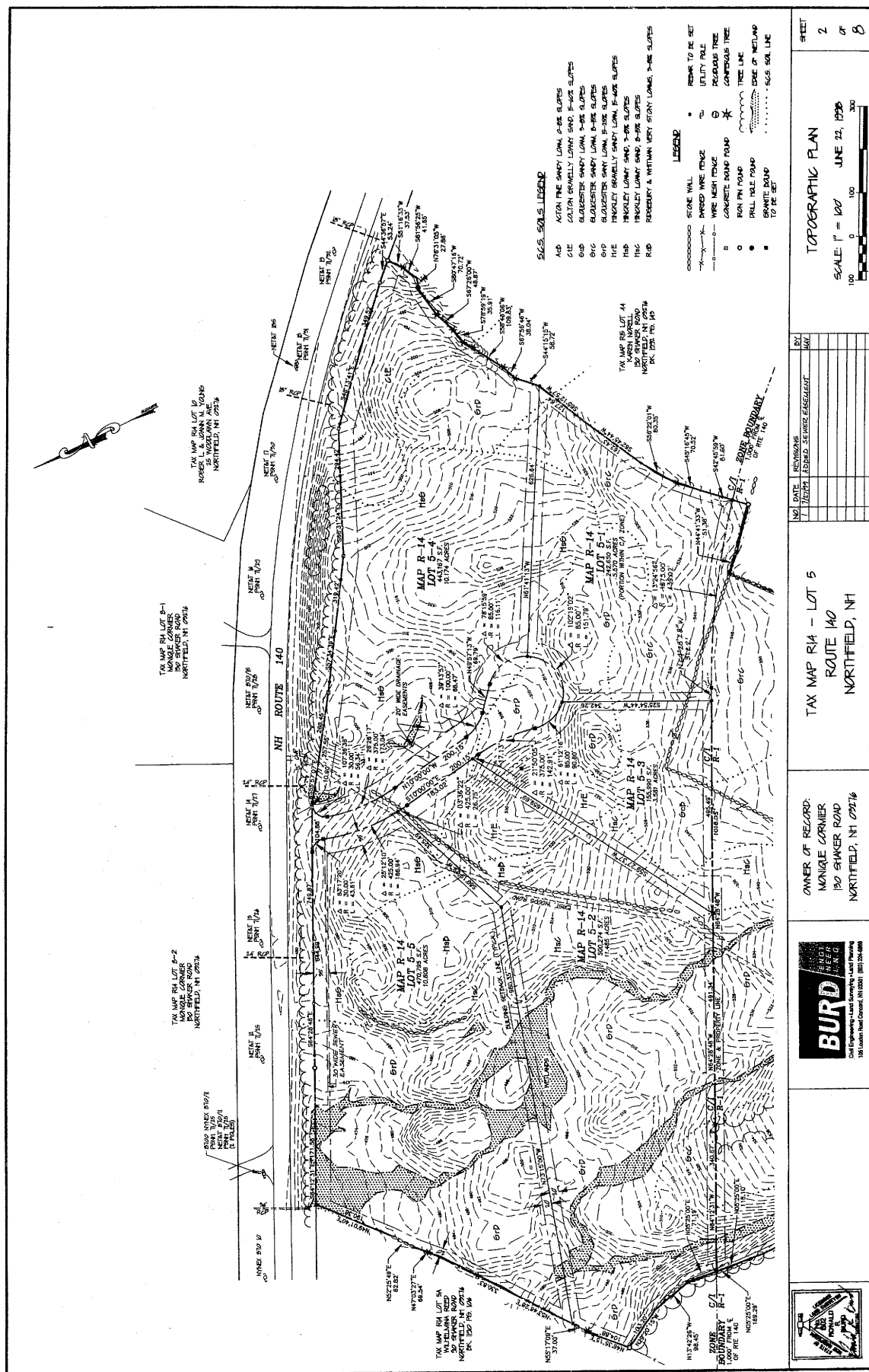
SEWER REVISED 4/16/01
LOT 1 " 4/24/01

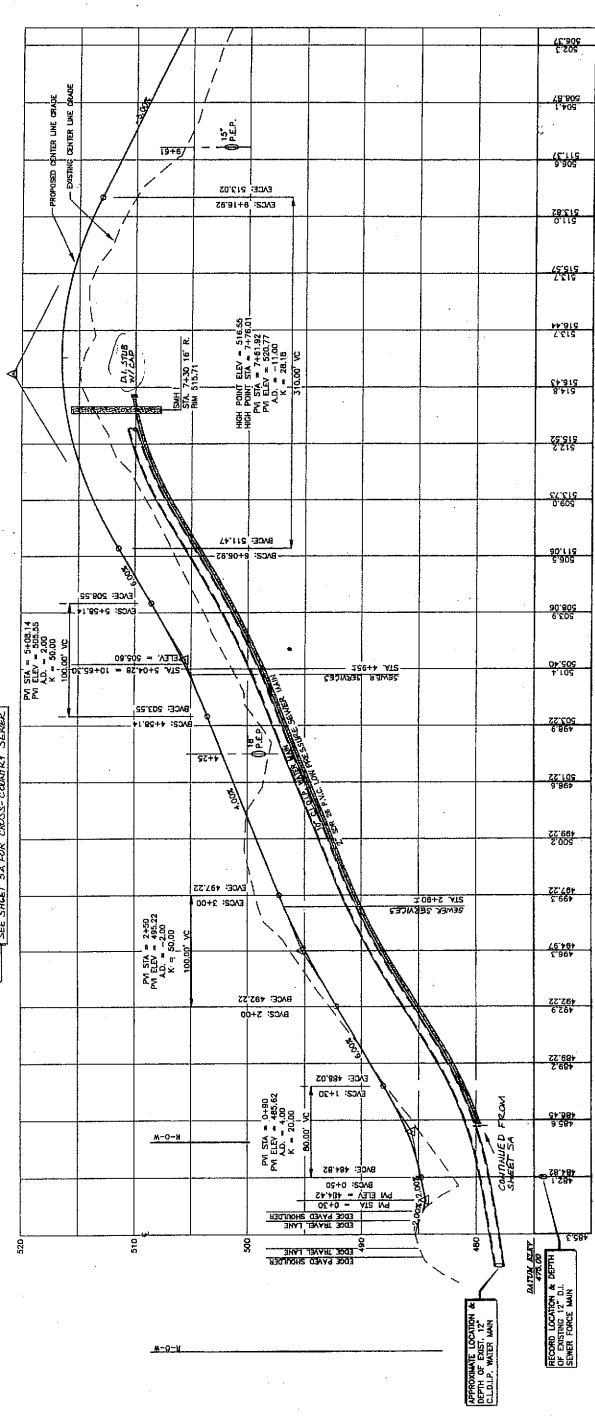
OWNED BY:
MONIQUE CORMIER
130 SHAKER ROAD
NORTHFIELD, NH 03276

PREPARED BY:









DATE	BY	REMARKS
1/17/79	WMS	ADDED TRAILER BLOCK
2/18/79	WMS	ELIMINATED TRAILER CONNECTIONS AT
3/12/79	WMS	ADDED ENTRANCE, ADDED CEAS-
4/17/79	WMS	COUNTRY SEWER, 12" D. SINKING,
5/12/79	WMS	COVERED, SINKING, SEWER/CEAS.
6/17/79	WMS	SEWER, COVERED

TAX MAP R14 - LOT 5
 ROUTE 140
 NORTHFIELD, NH

OWNER OF RECORD:
 MONIQUE CARVER
 130 SHAKER ROAD
 NORTHFIELD, NH 02916

BURD
 ENGINEERING & PLANNING
 100 South Field Street, 1st Floor
 Northfield, NH 02916
 (603) 251-0885

SCALE: 1"=50' HOR. 1"=5' VERT.
 STATION 0+00 TO 10+50.30
 PROPOSED ROAD PLAN & PROFILE

SHEET 3 OF 8



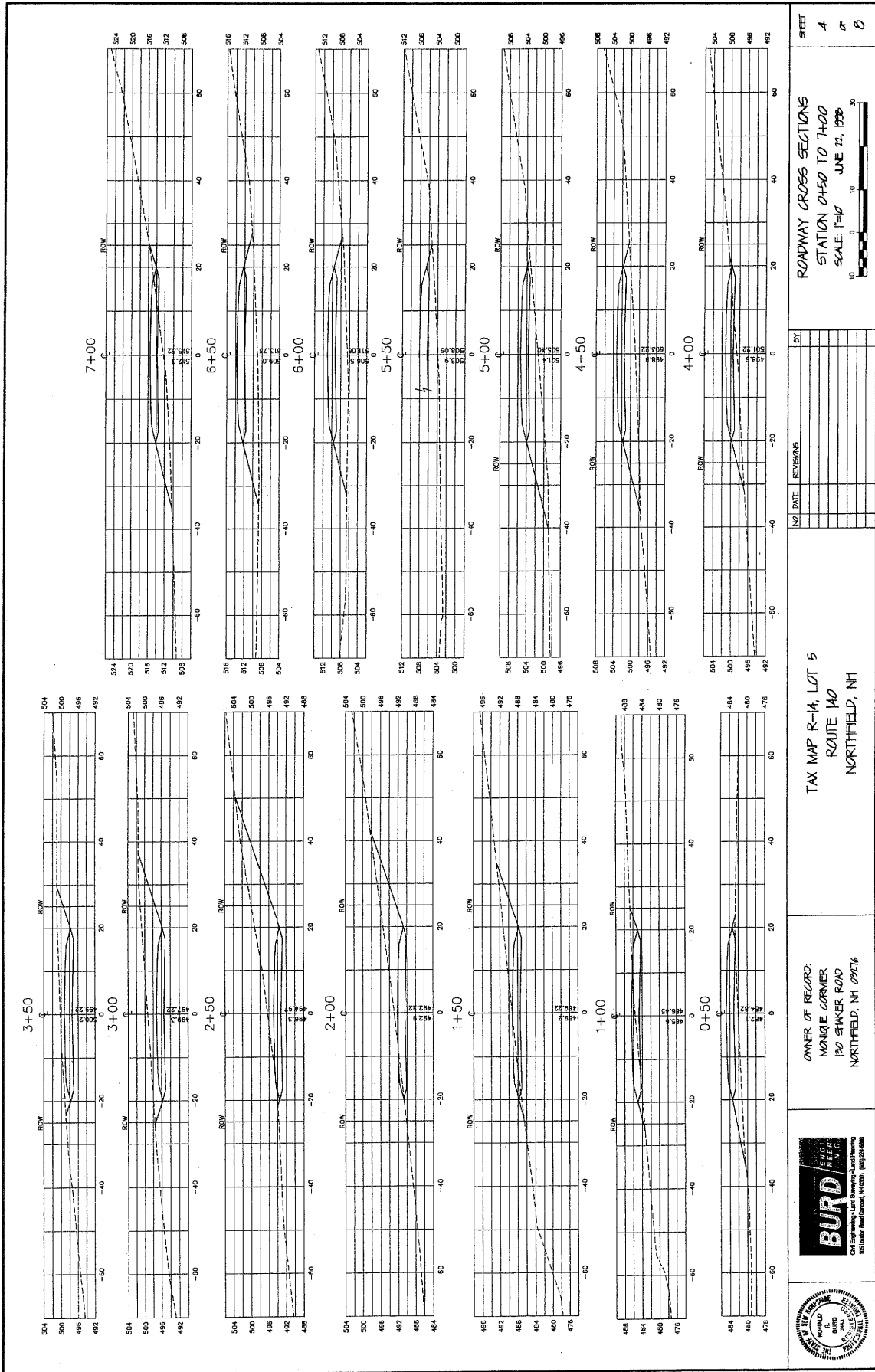
OWNER OF RECORD:
MONIQUE CORMIER
130 SHAKER ROAD
NORTHFIELD, NH

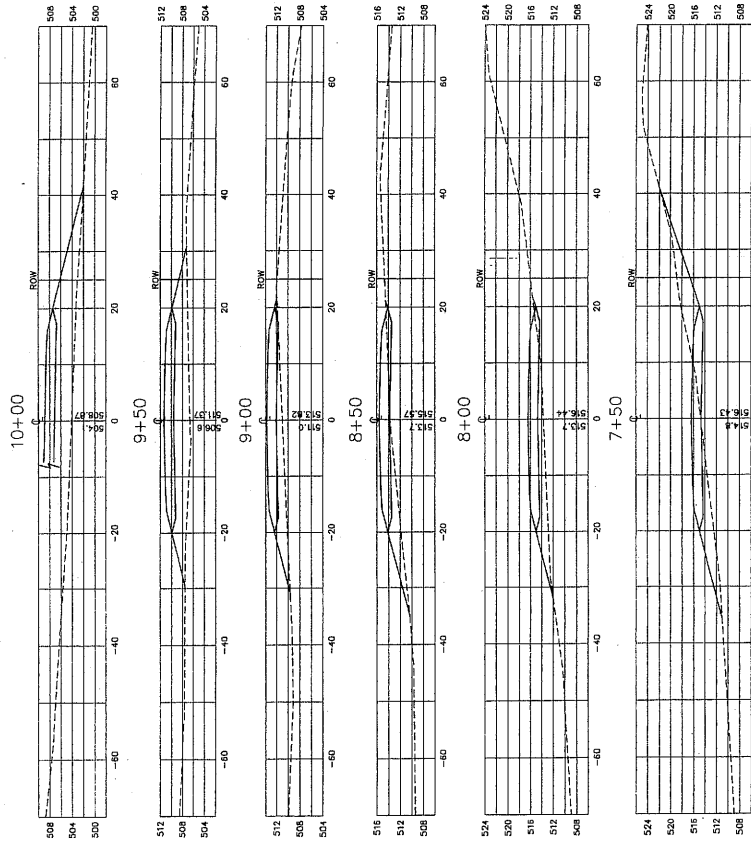
TAX MAP R14 - LOT 5
ROUTE 140
NORTHFIELD, NH

NO.	DATE	REVISIONS	BY
1	1/17/79	MIN. SENDER TO SENDER SEPARATION	
		ADDED NOTE # 4 CROSSING NOTES	PT
2	12/16/79	REVISED NOTES, SUPPLEMENT, REQUIRED FORCE	
		MIN. FIGHTLE, ADD AS-BUILT CONNECTION	NAV
3	1/1/80	NOTE 12, MANHOLE SIZE, LOCATION & PROFILES	
		CLEANOUT.	NAV

CROSS-COUNTRY SEWER
PLAN & PROFILE
1"=50' HOR., 1"=5' VERT. AUGUST 2, 1950

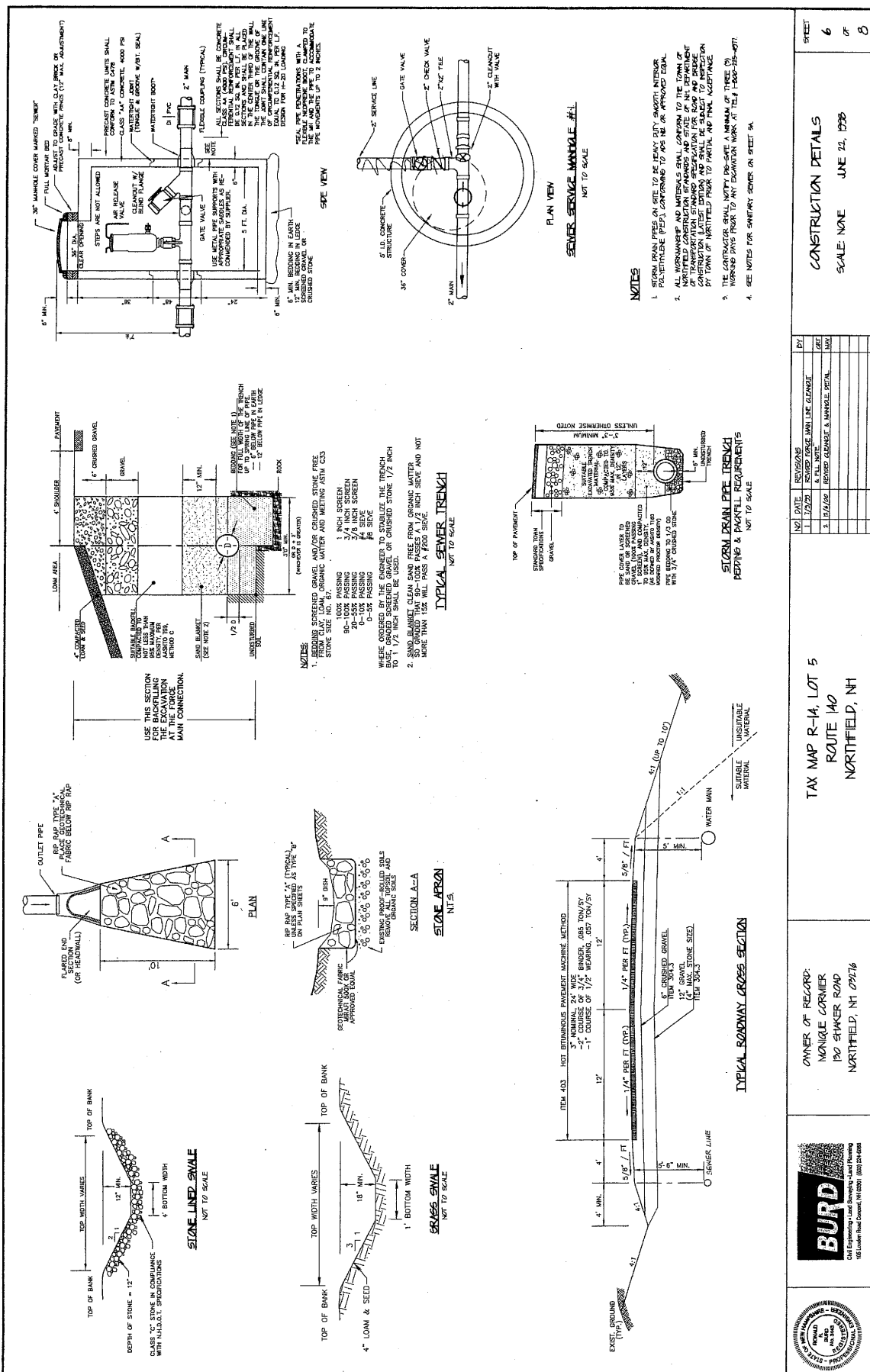
SHEET	3A	a	B
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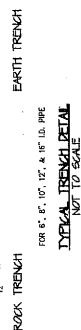
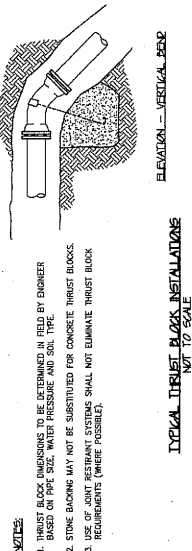
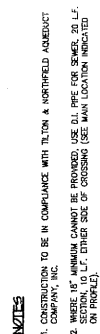




				OWNER OF RECORD: MONIQUE LORNIER 190 SHAKER ROAD NORTHFIELD, NH 07216		TAX MAP R-14, LOT 5 ROUTE 140 NORTHFIELD, NH		NO. DATE REVISIONS 1 10/1/16 2 10/1/16 3 10/1/16 4 10/1/16 5 10/1/16 6 10/1/16 7 10/1/16 8 10/1/16		ROADWAY CROSS SECTIONS STATION 7+50 TO 10+00 (END) SCALE: 1"=40' JUNE 22, 1976		SHEET 5 OF 8	
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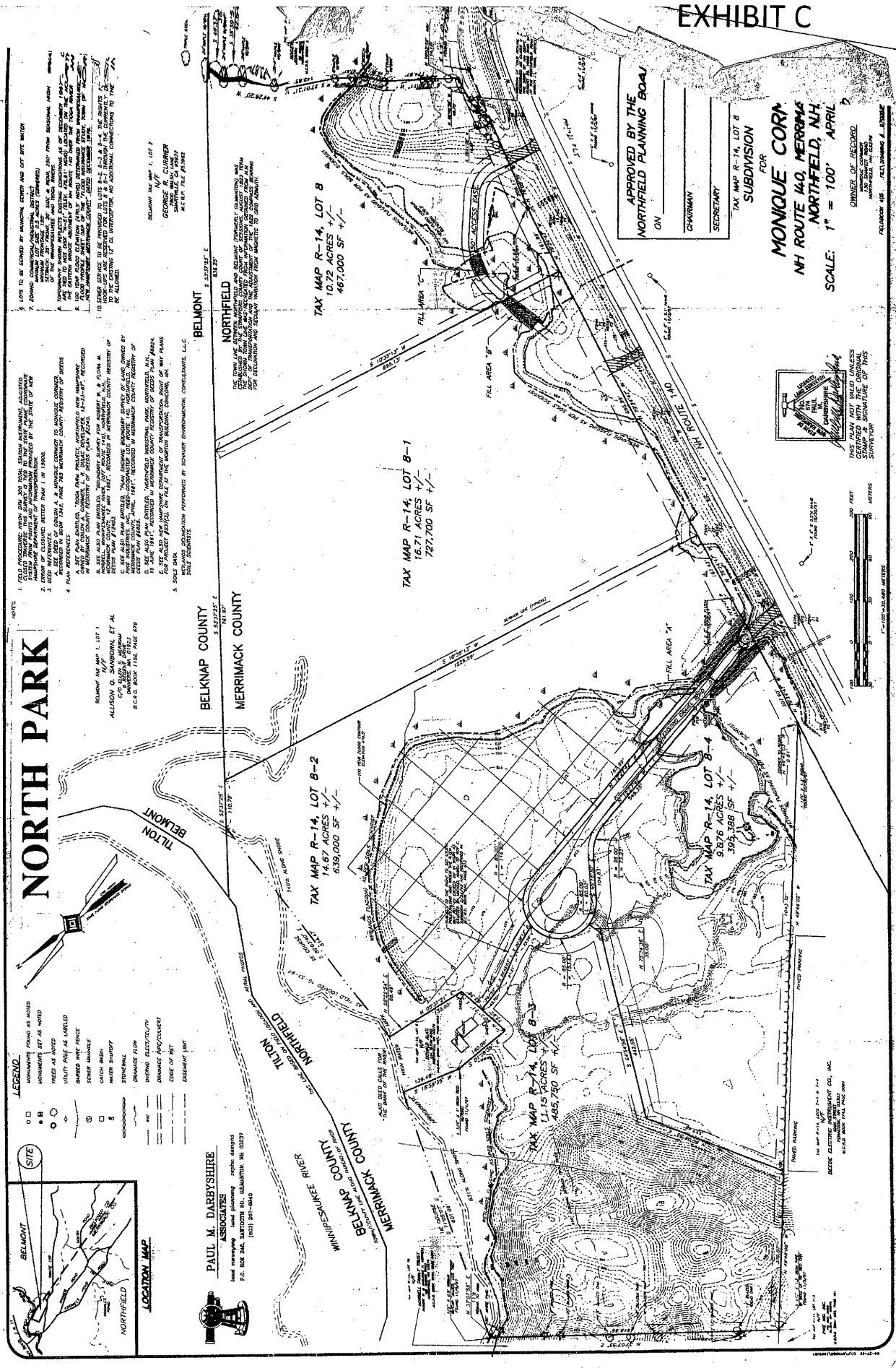
CONTRACT NO. 100-1000





 BURD Engineering & Land Planning 195 Lucretia Road Concord, NH 03301 (603) 224-6688	OWNER OF RECORD: MONIQUE CORNIER 190 SHAWER ROAD NORTHFIELD, NH 02071		TAX MAP R-1A, LOT 5 ROUTE 140 NORTHFIELD, NH		WATER LINE DETAILS SCALE: NONE JUNE 22, 1998		SHEET 7 OF 8
	NO. DATE REVISIONS 1 12/26/00 REV. NOTE E. THROUST BLOCKS		PY MAN				

EXHIBIT C



LEGEND

[Symbol] SITE
 [Symbol] MONUMENT FOUND AS NOTED
 [Symbol] MONUMENT SET AS NOTED
 [Symbol] TREES AS NOTED
 [Symbol] UTILITY PILE AS LABELED
 [Symbol] SHARED WIRE FENCE
 [Symbol] SINKER ANCHOR
 [Symbol] CATCH BASIN
 [Symbol] WATER SHED
 [Symbol] STORMWATER
 [Symbol] DRAINAGE PILE
 [Symbol] DRAINAGE ELECTRICITY
 [Symbol] DRAINAGE PHOTOGRAPHY
 [Symbol] CORE OF SET
 [Symbol] DRAINAGE FLOW
 [Symbol] DRAINAGE FLOW

PAUL M. DARBYSBIRE ASSOCIATES
 land surveying and planning architects
 P.O. BOX 240, BARTONVILLE, IL 60103
 (708) 381-1840

NOTES

1. THIS PLAN SHOWS THE PROPOSED LOTS AND THE EXISTING MONUMENTS. ALL LOTS ARE TO BE BOUND BY MONUMENTS, EITHER BY SETTING OR BY SURVEY.
2. THE MONUMENTS ARE TO BE SET BY THE SURVEYOR, AND THE MONUMENTS ARE TO BE SET BY THE SURVEYOR.
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10. THE MONUMENTS ARE TO BE SET BY THE SURVEYOR, AND THE MONUMENTS ARE TO BE SET BY THE SURVEYOR.

BELKNAP COUNTY
 MERRIMACK COUNTY
 NORTHFIELD
 TILTON

TAX MAP R-14, LOT 8-1
 16.71 ACRES +/-
 727,700 SF +/-

TAX MAP R-14, LOT 8-2
 14.67 ACRES +/-
 639,000 SF +/-

TAX MAP R-14, LOT 8-3
 11.15 ACRES +/-
 485,250 SF +/-

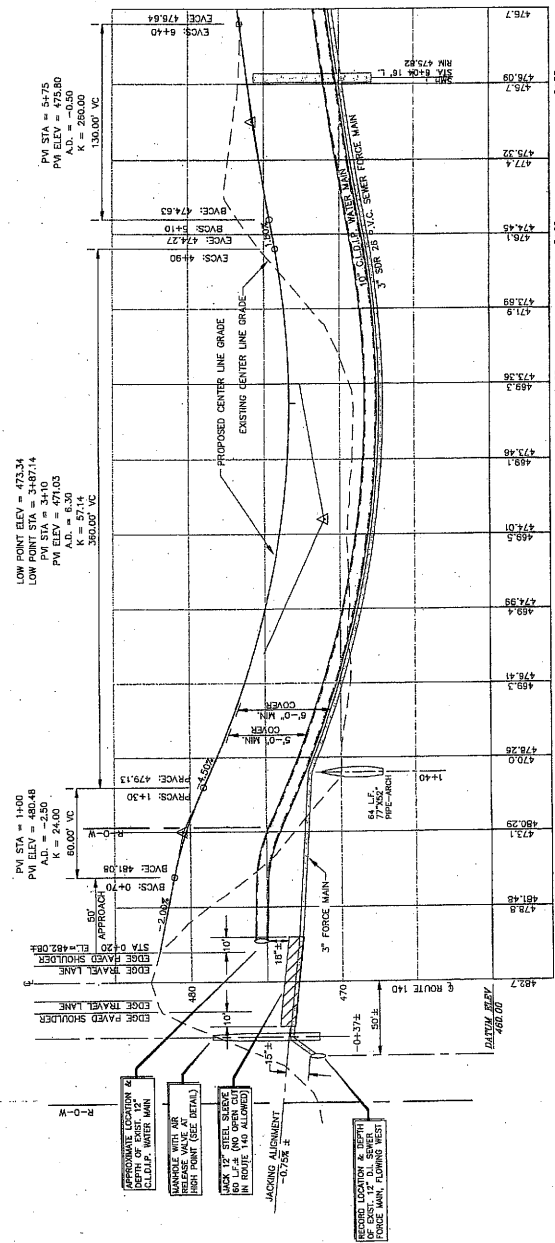
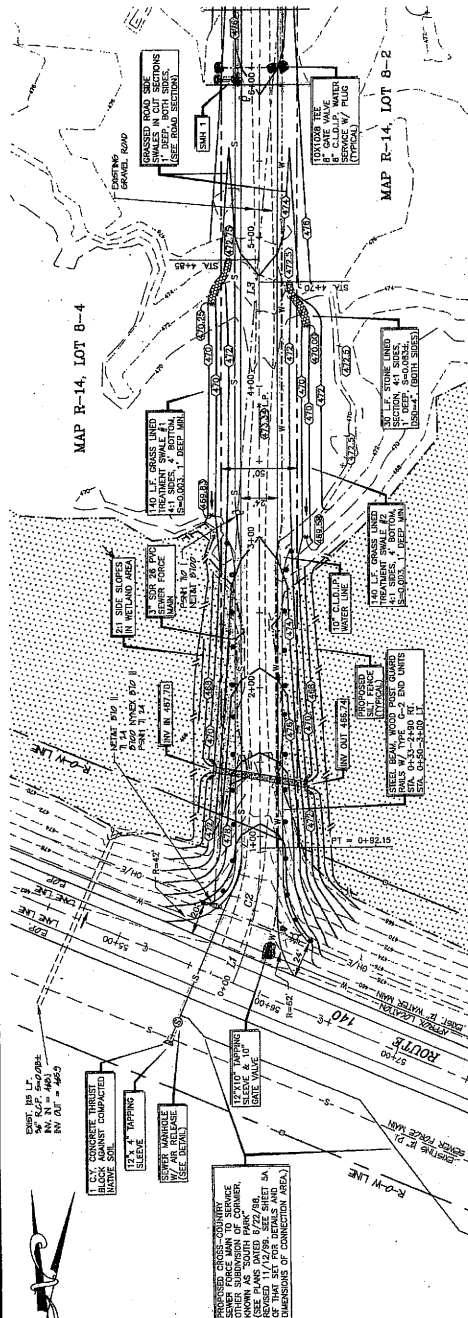
TAX MAP R-14, LOT 8-4
 9.876 ACRES +/-
 305,368 SF +/-

TAX MAP R-14, LOT 8
 0.72 ACRES +/-
 467,000 SF +/-

APPROVED BY THE
 NORTHFIELD PLANNING BOARD
 ON _____
 CHAIRMAN _____
 SECRETARY _____

TAX MAP R-14, LOT 8
 SUBDIVISION
 FOR
MONIQUE CORN
 NH ROUTE 140, MERRIMA
 NORTHFIELD, NH
 SCALE: 1" = 100' APRIL

CHECKED BY: [Name]
 DATE: [Date]
 PREPARED BY: [Name]
 DATE: [Date]



REFERENCE PLAN

1. TAX MAP R-14, LOT 8, TITLED "SUBDIVISION FOR MANGLE CORNER IN ROUTE 140, NORTHFIELD, NH" BY PAUL M. DAREYSHIRE ASSOCIATES

NOTES

1. CONTRA WATER MAIN LOCATION & DEPTH PRIOR TO WORKING OF SINKER.
2. WATER MAIN TO BE CLIPPED, CLASS 30, INSTALLATION TO BE MADE BY THE TITAN PIPE & MACHINERY COMPANY, INC.
3. SINKER FORCE MAIN TO BE 24" P.V.C. WITH FLAT END CAPS, 15' MIN. PRESSURE RATING, CONTINUING TO MAIN P-23A.
4. ELECTRIC POLES TO BE RELOCATED PER 75811.
5. CONTRACTOR TO NOTIFY NHTS, WINTERSVILLE RIVER BASIN PROGRAM, 100-24-0000, AND THE NHTS IN ADVANCE OF START OF CONSTRUCTION FOR SITE INSPECTION AND LOCATION OF MAIN CONNECTION.

LEGEND

- RELINQUISHED WELAND
- EXIST. DRAIN LINE
- EXIST. WATER LINE
- EXIST. SEWER LINE
- EXIST. HYDRANT
- EXIST. UTILITY POLE
- EXIST. OVERHEAD ELECTRIC LINE
- PROPOSED SINKER FORCE MAIN
- PROPOSED WATER LINE
- SAT. FENCE

OWNER OF RECORD:
MANGLE CORNER
120 SHAWK ROAD
NORTHFIELD, NH 05716

PAUL M. DAREYSHIRE ASSOCIATES
Land surveying and planning
P.O. Box 248, Northfield, NH 05716
(603) 897-8840

PROPOSED ROAD PLAN & PROFILE
STATION 0+00 TO 14+00
SCALE: 1"=40' HOR., 1"=4' VERT.
APRIL 27, 1978

TAX MAP R-14 - LOT 8
ROUTE 140
NORTHFIELD, NH

NO.	DATE	REVISIONS	BY
1	5/15/78	REVISED SINKER CONNECTION	PAUL M. DAREYSHIRE
2	11/1/78	REVISED SINKER CONNECTION	PAUL M. DAREYSHIRE
3	11/1/78	ADDED NOTE & REV. CROSS REFERENCE NOTES	PAUL M. DAREYSHIRE

ENGINEERING BY:

BURD

100 North Main Street, Northfield, NH 05716 (603) 897-8840

DATE: APRIL 27, 1978

PROJECT: PROPOSED ROAD PLAN & PROFILE

LOCATION: ROUTE 140, NORTHFIELD, NH

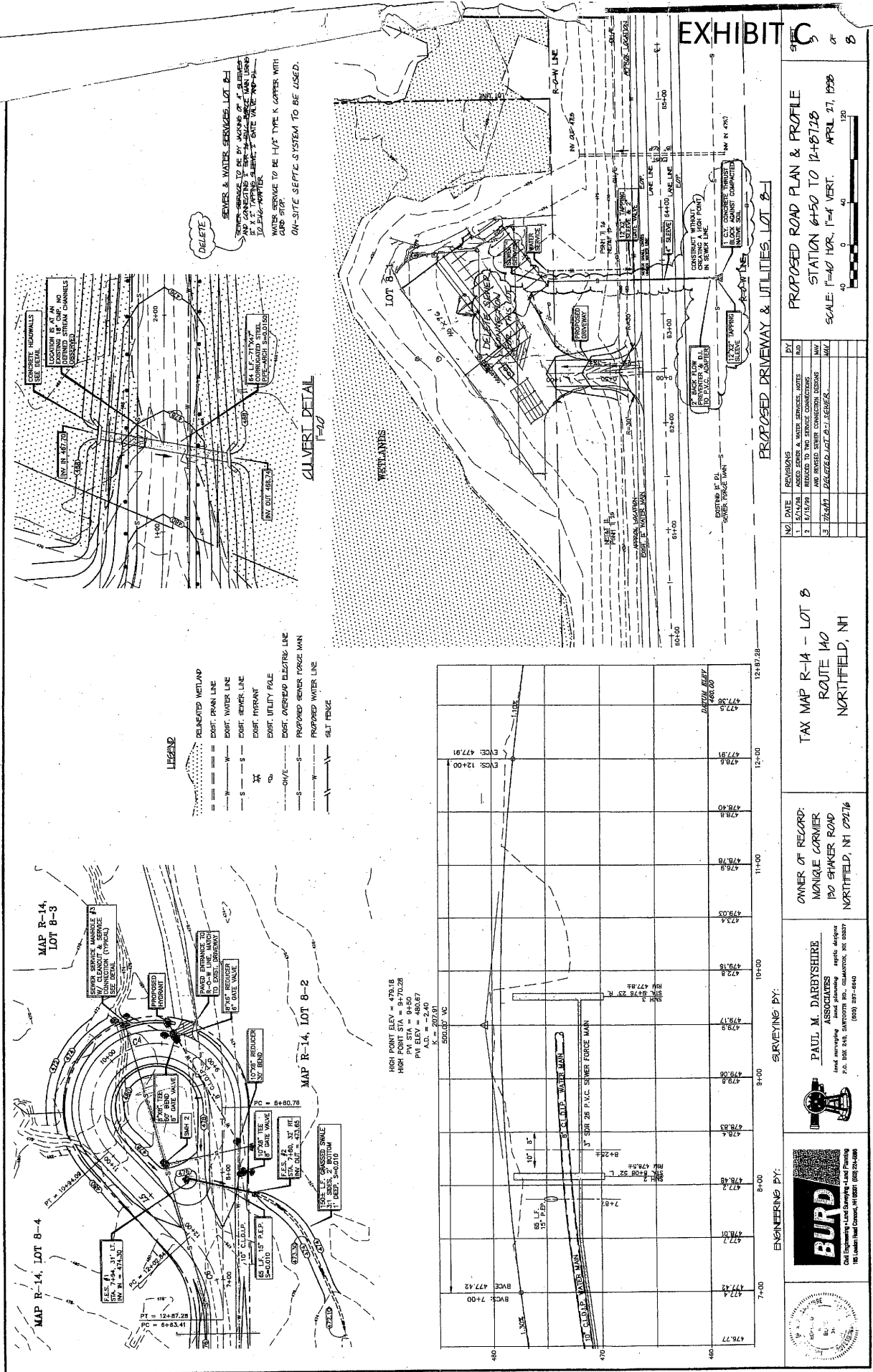


EXHIBIT C

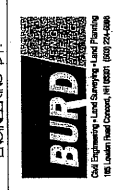
PROPOSED ROAD PLAN & PROFILE
STATION 6+50 TO 12+87.28
SCALE: 1"=40' HOR, 1"=4' VERT.
APRIL 27, 1998

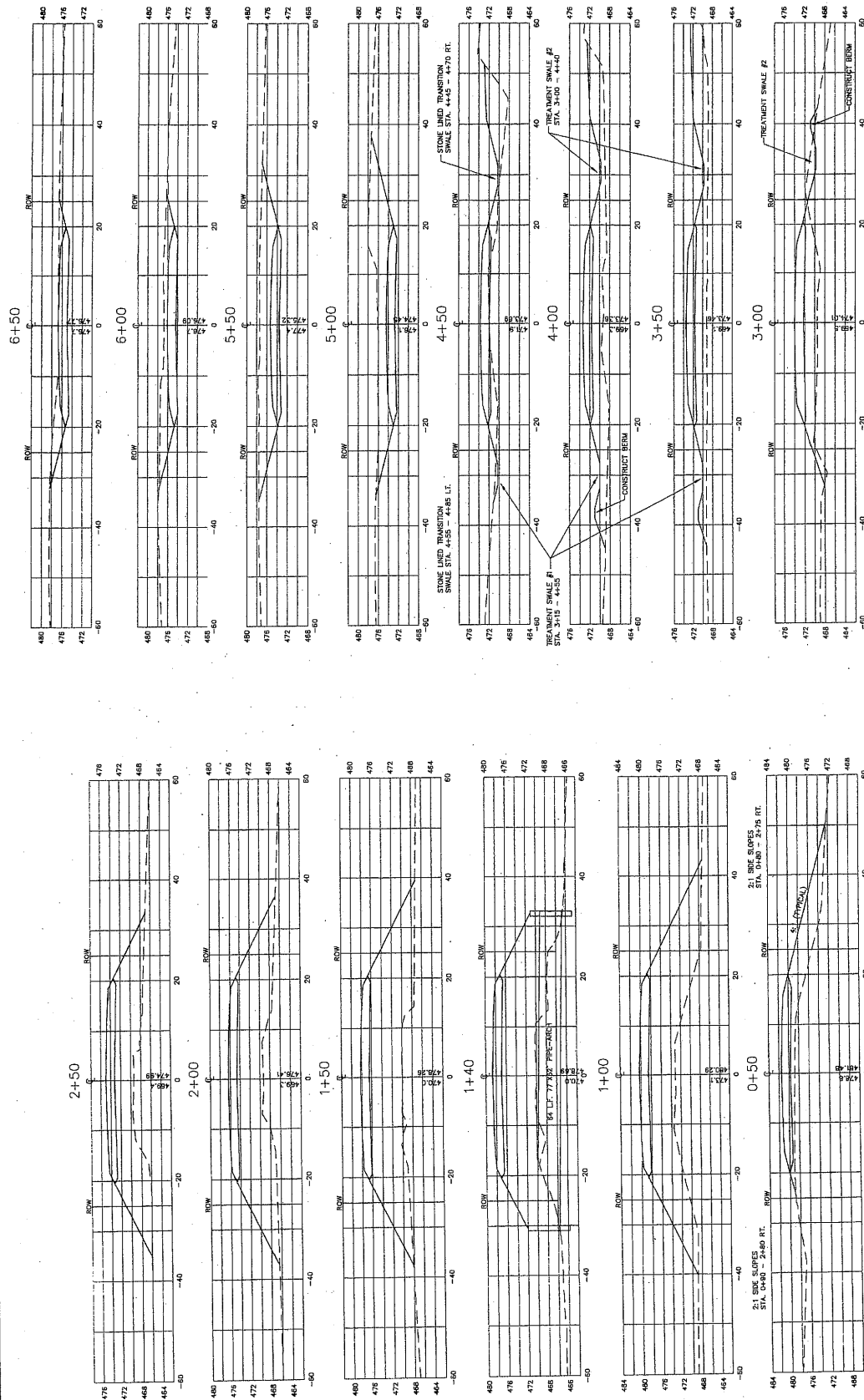
NO.	DATE	REVISIONS	BY
1	5/14/98	ADDED SEWER & WATER SERVICES, NOTES	RJD
2	5/15/98	ADDED TO SITE PLAN, CHANGED NOTES	MAV
3	7/2/97	DELETED LOT 8-1, SEWER	MAV

TAX MAP R-14 - LOT 8
ROUTE 140
NORTHFIELD, NH

OWNER OF RECORD:
MONIQUE CORNER
PO SHAWER ROAD
NORTHFIELD, NH 02716

PAUL M. DARTYSHIRE
ASSOCIATES
land planning site design
P.O. BOX 545, SARTWORTH, NH 0357
(603) 887-6640





9 FEET
4 OF 8

ROADWAY CROSS SECTIONS
STATION 0+50 TO 6+50
SCALE: 1"=40' APRIL 27, 1999

NO.	DATE	REVISIONS	BY

TAX MAP R-14 - LOT 8
ROUTE 140
NORTHFIELD, NH

OWNER OF RECORD:
MONIQUE CORVIER
PO SHAWK ROAD
NORTHFIELD, NH 02416

ENGINEERING BY:
PAUL M. DARBYS
ASSOCIATES
Land Surveying and Planning
P.O. BOX 245, SARTWORTH, NH 03424
(603) 887-6640

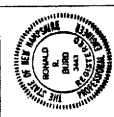
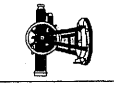
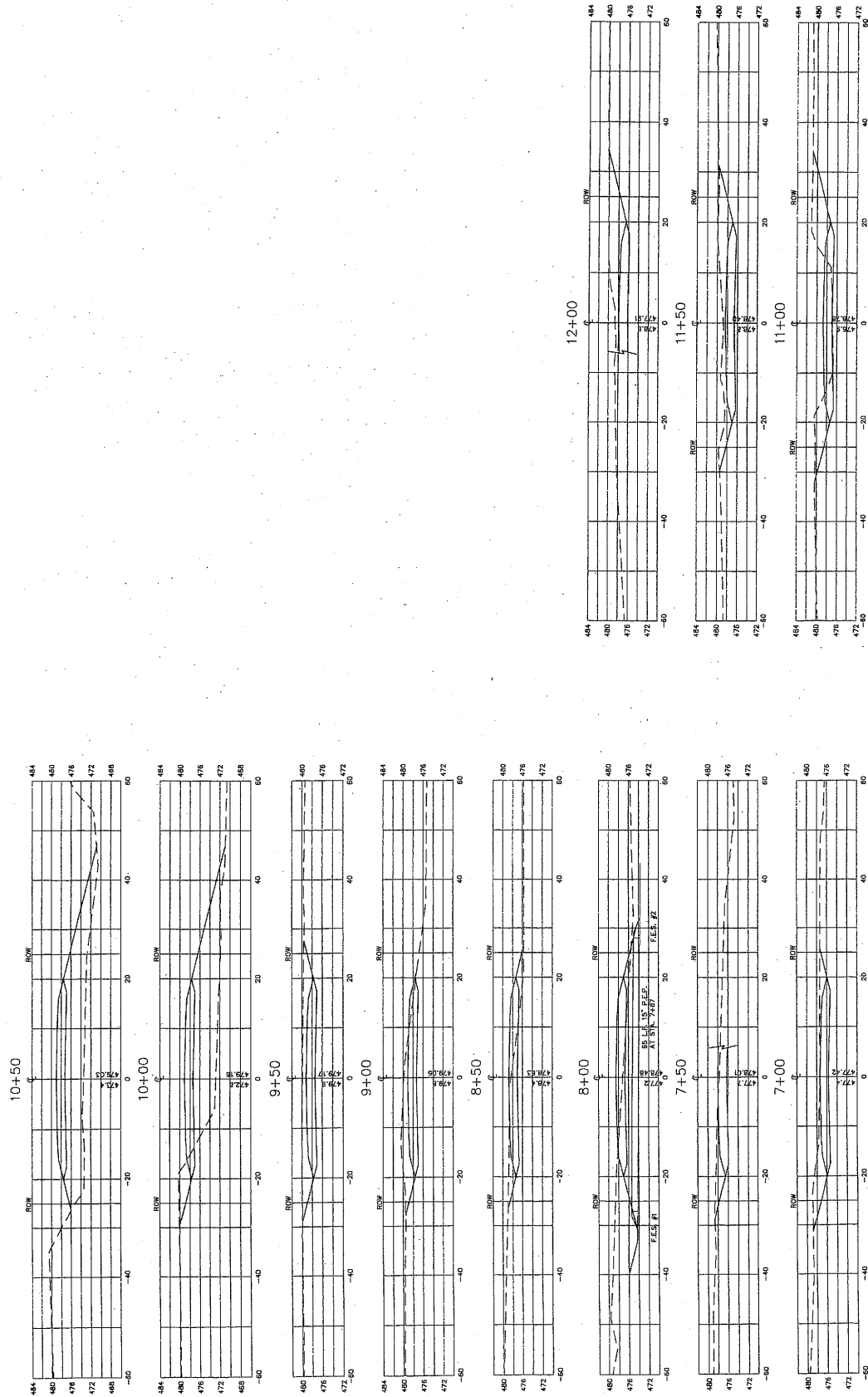


EXHIBIT C



ROADWAY CROSS SECTIONS
STATION 7+00 TO 12+00 (END)
SCALE: 1"=40' APRIL 27, 1998

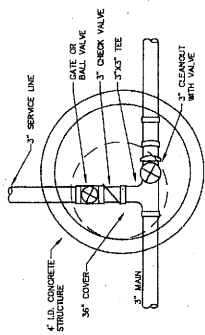
NO.	DATE	REVISIONS	BY

TAX MAP R-14 - LOT 8
ROUTE 140
NORTHFIELD, NH

OWNER OF RECORD:
MONIQUE CORNER
PO SHAWER ROAD
NORTHFIELD, NH 02216

PAUL M. DARBYS
ASSOCIATES
land surveying land planning maps design
P.O. BOX 244, SUFFRIDGE RD., CLAMARTON, NH 02027
(603) 887-6640

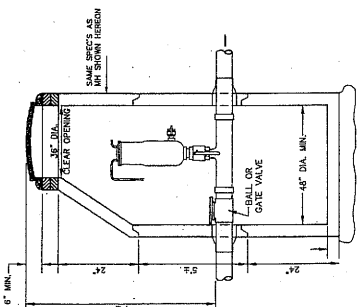




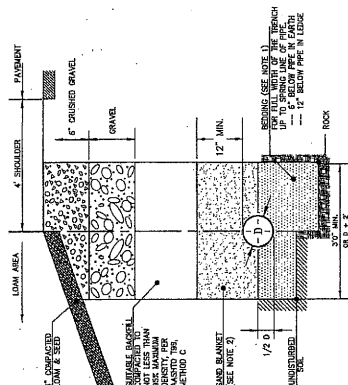
PLAN VIEW
FORCE MAIN LINE CLEANOUT & MANHOLE DETAIL
AT INDIVIDUAL LOT CONNECTION
NOT TO SCALE

NOTES

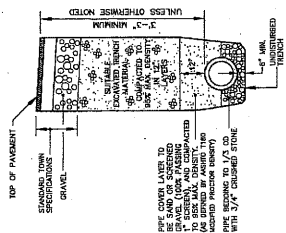
1. STORM DRAIN PIPES ON SITE TO BE HEAVY DUTY SMOOTH INTERIOR POLYETHYLENE (PE), CONFORMING TO AS PER THE ATTACHED SPEC.
2. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE TOWN OF WARTFIELD CONSTRUCTION STANDARDS AND STATE OF NH DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS BY TOWN OF WARTFIELD PRIOR TO INITIAL AND FINAL ACCEPTANCE.
4. THE CONTRACTOR SHALL NOTIFY DOW STATE A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO ANY EXCAVATION WORK AT TEL# 603-855-4071.
5. SANDFILL GRASSES HERE SHALL BE POLYMERIC CHLORIDE (PVC) FOR 24 CONSECUTIVE MONTHS.



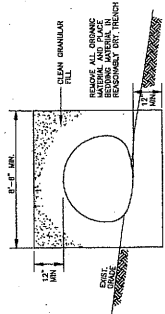
HIGH POINT
AIR RELEASE VALVE
NOT TO SCALE



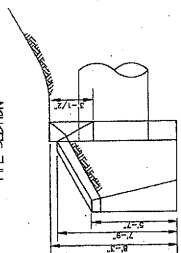
TYPICAL SEWER TRENCH
NOT TO SCALE



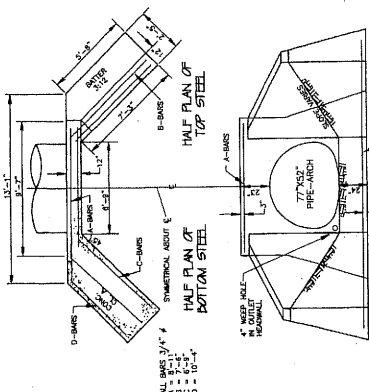
**STORM DRAIN PIPE TRENCH
BEDDING & BACKFILL REQUIREMENTS**
NOT TO SCALE



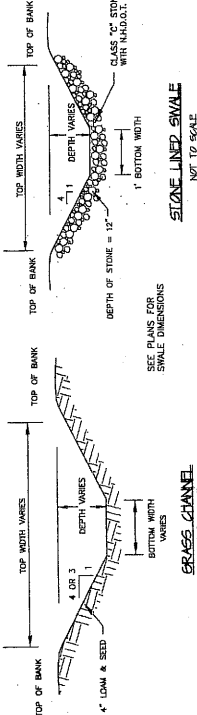
PIPE SECTION



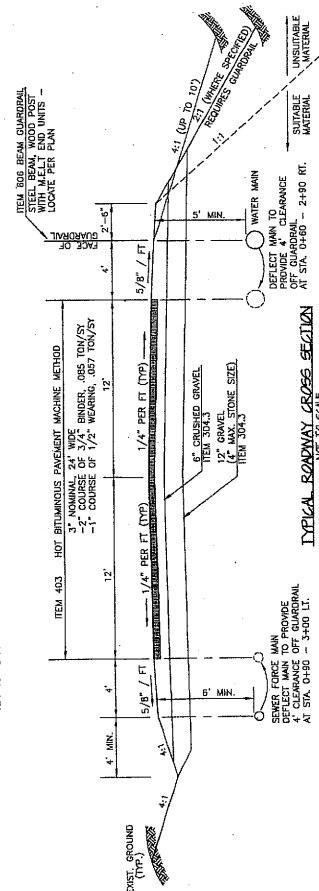
SIDE ELEVATION



CONCRETE HEADWALL FOR C.M. PIPE - ARCH



STONE LINED SWALE
NOT TO SCALE



TYPICAL ROADWAY CROSS SECTION

[illegible]

TAX MAP R-14 - LOT 8
ROUTE 140
NORTHFIELD, NH

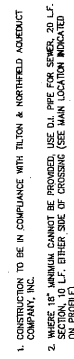
OWNER OF RECORD:
MONIQUE CORMIER
130 SHAKER ROAD
NORTHFIELD, NH 03276

PAUL M. DARBYSHIRE
ASSOCIATES
land planning septic design
and surveying
P.O. BOX 248, SAWTOOTH RD., GILMANTON, NH 03033
(603) 287-8943



ENGINEERING BY:

SURVEYING BY:



7 8 9

System Replacement Costs

EXHIBIT D

Replacement Cost: \$ 125.00 per linear foot
 Length of system: 1467 linear feet
 2017 replacement cost: \$308,375.00
 Assumed Inflation rate: 2.0%

Year	Replacement Cost	Year	Replacement Cost	Year	Replacement Cost
1	\$308,375.00	26	\$ 505,921.87	51	\$ 830,018.46
2	\$ 314,542.50	27	\$ 516,040.31	52	\$ 846,618.83
3	\$ 320,833.35	28	\$ 526,361.12	53	\$ 863,551.20
4	\$ 327,250.02	29	\$ 536,888.34	54	\$ 880,822.23
5	\$ 333,795.02	30	\$ 547,626.11	55	\$ 898,438.67
6	\$ 340,470.92	31	\$ 558,578.63	56	\$ 916,407.45
7	\$ 347,280.34	32	\$ 569,750.20	57	\$ 934,735.60
8	\$ 354,225.94	33	\$ 581,145.21	58	\$ 953,430.31
9	\$ 361,310.46	34	\$ 592,768.11	59	\$ 972,498.91
10	\$ 368,536.67	35	\$ 604,623.47	60	\$ 991,948.89
11	\$ 375,907.40	36	\$ 616,715.94	61	\$ 1,011,787.87
12	\$ 383,425.55	37	\$ 629,050.26	62	\$ 1,032,023.63
13	\$ 391,094.06	38	\$ 641,631.26	63	\$ 1,052,664.10
14	\$ 398,915.94	39	\$ 654,463.89	64	\$ 1,073,717.38
15	\$ 406,894.26	40	\$ 667,553.17	65	\$ 1,095,191.73
16	\$ 415,032.15	41	\$ 680,904.23	66	\$ 1,117,095.56
17	\$ 423,332.79	42	\$ 694,522.32	67	\$ 1,139,437.47
18	\$ 431,799.45	43	\$ 708,412.76	68	\$ 1,162,226.22
19	\$ 440,435.44	44	\$ 722,581.02	69	\$ 1,185,470.75
20	\$ 449,244.15	45	\$ 737,032.64	70	\$ 1,209,180.16
21	\$ 458,229.03	46	\$ 751,773.29	71	\$ 1,233,363.77
22	\$ 467,393.61	47	\$ 766,808.76	72	\$ 1,258,031.04
23	\$ 476,741.48	48	\$ 782,144.93	73	\$ 1,283,191.66
24	\$ 486,276.31	49	\$ 797,787.83	74	\$ 1,308,855.50
25	\$ 496,001.84	50	\$ 813,743.59	75	\$ 1,335,032.61

Replacement Fund Deposits

EXHIBIT E

Annual Deposit \$ 17,550.00
Interest earned 0.75%

Year	Principal	Interest Earned	P + I	Year	Principal	Interest Earned	P + I
1	\$ 17,550.00	\$ 131.63	\$ 17,681.63	38	\$ 666,900.00	\$ 9,944.47	\$ 676,844.47
2	\$ 35,100.00	\$ 395.86	\$ 35,495.86	39	\$ 684,450.00	\$ 10,209.71	\$ 694,659.71
3	\$ 52,650.00	\$ 661.09	\$ 53,311.09	40	\$ 702,000.00	\$ 10,474.95	\$ 712,474.95
4	\$ 70,200.00	\$ 926.33	\$ 71,126.33	41	\$ 719,550.00	\$ 10,740.19	\$ 730,290.19
5	\$ 87,750.00	\$ 1,191.57	\$ 88,941.57	42	\$ 737,100.00	\$ 11,005.43	\$ 748,105.43
6	\$ 105,300.00	\$ 1,456.81	\$ 106,756.81	43	\$ 754,650.00	\$ 11,270.67	\$ 765,920.67
7	\$ 122,850.00	\$ 1,722.05	\$ 124,572.05	44	\$ 772,200.00	\$ 11,535.90	\$ 783,735.90
8	\$ 140,400.00	\$ 1,987.29	\$ 142,387.29	45	\$ 789,750.00	\$ 11,801.14	\$ 801,551.14
9	\$ 157,950.00	\$ 2,252.53	\$ 160,202.53	46	\$ 807,300.00	\$ 12,066.38	\$ 819,366.38
10	\$ 175,500.00	\$ 2,517.77	\$ 178,017.77	47	\$ 824,850.00	\$ 12,331.62	\$ 837,181.62
11	\$ 193,050.00	\$ 2,783.01	\$ 195,833.01	48	\$ 842,400.00	\$ 12,596.86	\$ 854,996.86
12	\$ 210,600.00	\$ 3,048.25	\$ 213,648.25	49	\$ 859,950.00	\$ 12,862.10	\$ 872,812.10
13	\$ 228,150.00	\$ 3,313.49	\$ 231,463.49	50	\$ 877,500.00	\$ 13,127.34	\$ 890,627.34
14	\$ 245,700.00	\$ 3,578.73	\$ 249,278.73	51	\$ 895,050.00	\$ 13,392.58	\$ 908,442.58
15	\$ 263,250.00	\$ 3,843.97	\$ 267,093.97	52	\$ 912,600.00	\$ 13,657.82	\$ 926,257.82
16	\$ 280,800.00	\$ 4,109.20	\$ 284,909.20	53	\$ 930,150.00	\$ 13,923.06	\$ 944,073.06
17	\$ 298,350.00	\$ 4,374.44	\$ 302,724.44	54	\$ 947,700.00	\$ 14,188.30	\$ 961,888.30
18	\$ 315,900.00	\$ 4,639.68	\$ 320,539.68	55	\$ 965,250.00	\$ 14,453.54	\$ 979,703.54
19	\$ 333,450.00	\$ 4,904.92	\$ 338,354.92	56	\$ 982,800.00	\$ 14,718.78	\$ 997,518.78
20	\$ 351,000.00	\$ 5,170.16	\$ 356,170.16	57	\$ 1,000,350.00	\$ 14,984.02	\$ 1,015,334.02
21	\$ 368,550.00	\$ 5,435.40	\$ 373,985.40	58	\$ 1,017,900.00	\$ 15,249.26	\$ 1,033,149.26
22	\$ 386,100.00	\$ 5,700.64	\$ 391,800.64	59	\$ 1,035,450.00	\$ 15,514.49	\$ 1,050,964.49
23	\$ 403,650.00	\$ 5,965.88	\$ 409,615.88	60	\$ 1,053,000.00	\$ 15,779.73	\$ 1,068,779.73
24	\$ 421,200.00	\$ 6,231.12	\$ 427,431.12	61	\$ 1,070,550.00	\$ 16,044.97	\$ 1,086,594.97
25	\$ 438,750.00	\$ 6,496.36	\$ 445,246.36	62	\$ 1,088,100.00	\$ 16,310.21	\$ 1,104,410.21
26	\$ 456,300.00	\$ 6,761.60	\$ 463,061.60	63	\$ 1,105,650.00	\$ 16,575.45	\$ 1,122,225.45
27	\$ 473,850.00	\$ 7,026.84	\$ 480,876.84	64	\$ 1,123,200.00	\$ 16,840.69	\$ 1,140,040.69
28	\$ 491,400.00	\$ 7,292.08	\$ 498,692.08	65	\$ 1,140,750.00	\$ 17,105.93	\$ 1,157,855.93
29	\$ 508,950.00	\$ 7,557.32	\$ 516,507.32	66	\$ 1,158,300.00	\$ 17,371.17	\$ 1,175,671.17
30	\$ 526,500.00	\$ 7,822.55	\$ 534,322.55	67	\$ 1,175,850.00	\$ 17,636.41	\$ 1,193,486.41
31	\$ 544,050.00	\$ 8,087.79	\$ 552,137.79	68	\$ 1,193,400.00	\$ 17,901.65	\$ 1,211,301.65
32	\$ 561,600.00	\$ 8,353.03	\$ 569,953.03	69	\$ 1,210,950.00	\$ 18,166.89	\$ 1,229,116.89
33	\$ 579,150.00	\$ 8,618.27	\$ 587,768.27	70	\$ 1,228,500.00	\$ 18,432.13	\$ 1,246,932.13
34	\$ 596,700.00	\$ 8,883.51	\$ 605,583.51	71	\$ 1,246,050.00	\$ 18,697.37	\$ 1,264,747.37
35	\$ 614,250.00	\$ 9,148.75	\$ 623,398.75	72	\$ 1,263,600.00	\$ 18,962.61	\$ 1,282,562.61
36	\$ 631,800.00	\$ 9,413.99	\$ 641,213.99	73	\$ 1,281,150.00	\$ 19,227.84	\$ 1,300,377.84
37	\$ 649,350.00	\$ 9,679.23	\$ 659,029.23	74	\$ 1,298,700.00	\$ 19,493.08	\$ 1,318,193.08
				75	\$ 1,316,250.00	\$ 19,758.32	\$ 1,336,008.32