



Notice of Intent (NOI) - Amendment

for Stormwater Discharges from
Municipal Separate Storm Sewer Systems (MS4)
General Permit 3-9014

For Dept. Use Only
Notice of Intent No:

Submission of this Notice of Intent (NOI) constitutes notice that the entity in Section A intends to be authorized to discharge pollutants to waters of the State under Vermont's Municipal Separate Storm Sewer Systems (MS4) permit. Submission of the NOI also constitutes notice that the party identified in Section A of this form has read, understands and meets the eligibility conditions; agrees to comply with all applicable terms and conditions; and understands that continued authorization under the MS4 General Permit is contingent on maintaining eligibility for coverage. In order to be granted coverage, all information required on this form and the Minimum Control Measure attachments must be completed and a complete Stormwater Management Program (SWMP) Plan must be submitted.

A. Permittee Information

Name of MS4: Village of Essex Junction

Name of Principle Executive Officer (PEO) or Chief Elected Official (CEO): Lauren Morrisseau Title: Municipal Manager Designee

Mailing Address:
Street/P.O. Box: 2 Lincoln Street

City/Town: Essex Junction State: VT Zip: 05452-3685

Phone: 802-878-6944 Email: lauren@essexjunction.org

B. Primary contact responsible for overall coordination of SWMP, if different than PEO/CEO

Name: James Jutras, Water Quality Superintendent

Mailing Address:
Street/P.O. Box: 2 Lincoln Street

City/Town: Essex Junction State: VT Zip: 05452-3685

Phone: 802-878-6943 ext 101 Email: jim@essexjunction.org

C. Partnering organization responsible for Minimum Control Measure implementation (if applicable)

If you are participating in the CCRPC MOU to implement MCM1 &/or MCM2 check here: MCM 1
Or, if you are relying on another entity to implement a MCM, please complete the following: MCM 2

Organization: _____ Contact: _____

Minimum Control Measure being implemented: _____

Mailing Address:
Street/P.O. Box: _____

City/Town: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Organization: _____ Contact: _____

Minimum Control Measure being implemented: _____

Mailing Address:
Street/P.O. Box: _____

City/Town: _____ State: _____ Zip: _____

Phone: _____ Email: _____

D. Municipal Separate Storm Sewer System (MS4) InformationEstimate of the square mileage served by the MS4: 4.6

Identify the names of all know waters that receive a discharge from the MS4:

Receiving water	# of outfalls	Impaired status	Nature of impairment
Indian Brook	47	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stormwater
Sunderland Brook	10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Stormwater
Winooski River	40	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Sub tributaries to: Indian Brook/Sunderland Brooks	15	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	

E. Stormwater Impaired Waters InformationDoes the MS4 discharge into a stormwater impaired water? Yes No

If yes, the MS4 must comply with all requirements listed in Part IV.C. of the permit, including the requirement to develop a Flow Restoration Plan (FRP) for the stormwater impaired water.

F. Incorporation of Previously Permitted Stormwater SystemsAs part of this application, is the MS4 incorporating a stormwater system that was previously authorized under a State stormwater permit? Yes No

If yes, the MS4 must complete and attach an MS4 Incorporation Form for each permit it is incorporating. List permit numbers here:

G. Certification

This NOI shall be signed by a principal executive officer, ranking elected official or other duly authorized employee consistent with 40 CFR §122.22(b) and certified as follows:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Lauren Morrissette Title: Municipal Manager DesigneeSignature:  Date: 9/28/16

Submit this *Original* form to:
 MS4 Permit Coordinator
 VTDEC · Watershed Management Division
 Stormwater Management Program
 One National Life Drive
 Montpelier, Vermont 05620-3522

Instructions for Public Comment, Public Hearings, and Appeals

PUBLIC COMMENT

Public comments concerning this Notice of Intent to discharge under General Permit No 3-9014 and the accompanying Stormwater Management Plan (SWMP) are invited and must be submitted during the public notice period. Comments should address how the application complies or does not comply with the terms and conditions of General Permit No. 3-9014. A letter of interest should be filed by those persons who elect not to file comments but who wish to be notified if the comment period is extended or reopened for any reason. All written comments received within the time frame described above will be considered by the Department of Environmental Conservation in its final ruling to grant or deny authorization to discharge under General Permit No. 3-9014.

All submitted NOIs and SWMPs can be found on the Stormwater Program's website at:
<http://dec.vermont.gov/watershed/stormwater/permit-information-applications-fees/ms4-permit>

Send written comments to: VT DEC, Watershed Management Division
Stormwater Management Program, MS4 Permit Coordinator
One National Life Drive
Montpelier, VT 05620-3522

PUBLIC HEARING REQUEST

During the notice period, any person may submit a written request to this office for a public hearing to consider the proposed permit authorization. The request must state the interest of the party filing such request and the reasons why a hearing is warranted. A hearing will be held if there is a significant public interest (including the filing of requests or petitions for such hearing) in holding such a hearing. If the Secretary determines that useful information and data may be obtained thereby, the Secretary may hold a public hearing any time prior to the issuance of the authorization. Notice of a public hearing will be circulated 30 days prior to the hearing. (40 C.F.R. § 124.12 and Vermont Water Pollution Control Permit Regulations, Chapter 13.3G)

APPEALS

Pursuant to 10 V.S.A. Chapter 220, any appeal of this decision must be filed with the clerk of the Environmental Court within 30 days of the date of the decision. The appellant must attach to the Notice of Appeal the entry fee of \$250.00, payable to the state of Vermont.

The Notice of Appeal must specify the parties taking the appeal and the statutory provision under which each party claims party status; must designate the act or decision appealed from; must name the Environmental Court; and must be signed by the appellant or their attorney. In addition, the appeal must give the address or location and description of the property, project or facility with which the appeal is concerned and the name of the applicant or any permit involved in the appeal.

The appellant must also serve a copy of the Notice of Appeal in accordance with Rule 5(b)(4)(B) of the Vermont Rules for Environmental Court Proceedings.

For further information, see the Vermont Rules for Environmental Court Proceedings, available on line at www.vermontjudiciary.org. The address for the Environmental Court is 2418 Airport Road, Suite 1, Barre, VT 05641 (Tel. # 802-828-1660)

A copy of General Permit No. 3-9014 may be obtained by calling (802) 490-6173; by visiting the Department at the above address between the hours of 7:45 am and 4:30 pm; or by downloading from the Watershed Management Division's Web site at <http://dec.vermont.gov/watershed/stormwater>.



September 30, 2016

Ms. Christy Witters
Vermont DEC
Watershed Management Division
1 National Life Drive
Montpelier, VT 05620-3522

Re: Expired Stormwater Permits and FRP Report – Village of Essex Junction General Permit 3-9014

Dear Ms. Witters:

In compliance with the October 1, 2016 requirements for Flow Restoration Planning (FRP) and addressing expired stormwater permits in impaired streams, please find the following information enclosed.

1. Village of Essex Junction/Town of Essex Storm Water Ordinance
2. Notice of Intent (NOI)
3. Storm Water Management Plan (SWMP) Amendment
4. SWMP Appendix A: Indian Brook and Sunderland Brook Flow Restoration Plans (FRP) dated July 24, 2015 (CD enclosed)
5. FRP Appendix #8 FRP Implementation Plan
6. FRP Appendix #9 FRP Financial Plan
7. SWMP Appendix B: Expired State Stormwater Permits Table
8. MS4 Incorporation Forms for State Issued Stormwater Permits

FLOW RESTORATION PLAN: On July 26, 2016 the Village received comment from Emily Schelley of VTDEC approving the technical components of our draft FRP's for Indian and Sunderland Brook. This allowed the Village of Essex Junction (Village) and the Town of Essex (Town) to complete a Financial and Implementation Plan for the FRP submitted for approval. Sunderland Brook has met the flow attainment requirements. Work remains on Indian Brook.

The Village and Town each applied for and were awarded a Vermont Transportation Alternatives Grant (TAP) for two projects identified under the Indian Brook FRP -the retrofit of the detention pond on Sydney Drive and the retrofit of a detention area near the intersection of Brickyard Road and Mansfield Avenue. Dubois and King was awarded the RFQ by both communities to bring each project to the final design stage by 2018.

EXPIRED STORMWATER PERMITS: Below is a summary of the status of the expired state stormwater permits in the Village of Essex Junction classified into categories based on the Village and Town Expired Stormwater Ordinance (enclosed).

Type 1 Expired Stormwater Permits Consist entirely of public infrastructure. Enclosed are "MS4 Incorporation Forms for State Issued Stormwater Permits" as well as other supporting documents for the following permits currently under MS4 permit jurisdiction:

- **1-0236: Brickyard: Original umbrella permit**
- **1-0953: Drury Drive & Meadow Village**
- **1-1074: Countryside II-Fairview Farms**
- **2-0187: Grove Street & North Street**
- **2-0769: Athens Drive**
- **2-0855: Village Knoll & Briar Lane**
- **2-1103: Pleasant Street & East Street**

Type 2 Expired Stormwater Permits: Consist entirely of private infrastructure.

- **1-0771 & 1-1409.002 Champlain Valley Exposition-** Andy Rowe from Lamoureux & Dickinson will be submitting a package to VTDEC to bring these permits into compliance.
- **2-0952: North Creek, South Creek-** The infrastructure in these HOA's are part of a project outlined in the Indian Brook FRP. We received a VTRANS TAP grant to bring this project from 30% design to final design with construction to follow. We anticipate that agreements will be completed once the project gets into design.

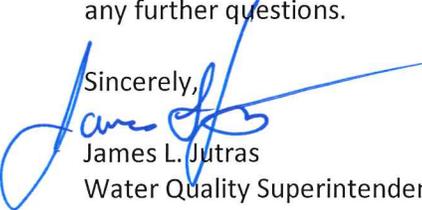
The following expired stormwater permit holders were sent Type II Storm System Agreements as outlined in the Expired Permit Stormwater Ordinance:

- **1-0236: Brickyard: Original umbrella permit, superseded by permits: 2-0961, 2-0835, 2-0952**
 - o **2-0961: Essex Park West & East**
 - o **2-0835: Village Glen & Village Glen East**
 - o **2-0952: East Creek**
 - o **2-0289: Walnut Lane, Chestnut Lane, Locust Lane, Spruce Lane**
 - o **2-0961: Brookside**

Title III: 1-1527.0111: Highland Village: The state has acknowledged this permit falls into Title III coverage.

As of the date of this letter the Village has received two signed Type II Storm System agreements out of those sent. We anticipate full cooperation of the HOA's to sign the agreements. Please contact me with any further questions.

Sincerely,


James L. Jutras
Water Quality Superintendent

Enclosures

cc: Pat Scheidel, Municipal Manager
Dennis Lutz, Town of Essex Public Works Director

S:\STORMWATER\MS4\Compliance Letters\MS4 Oct 1 2016 Compliance_Expired Permits Final.docx

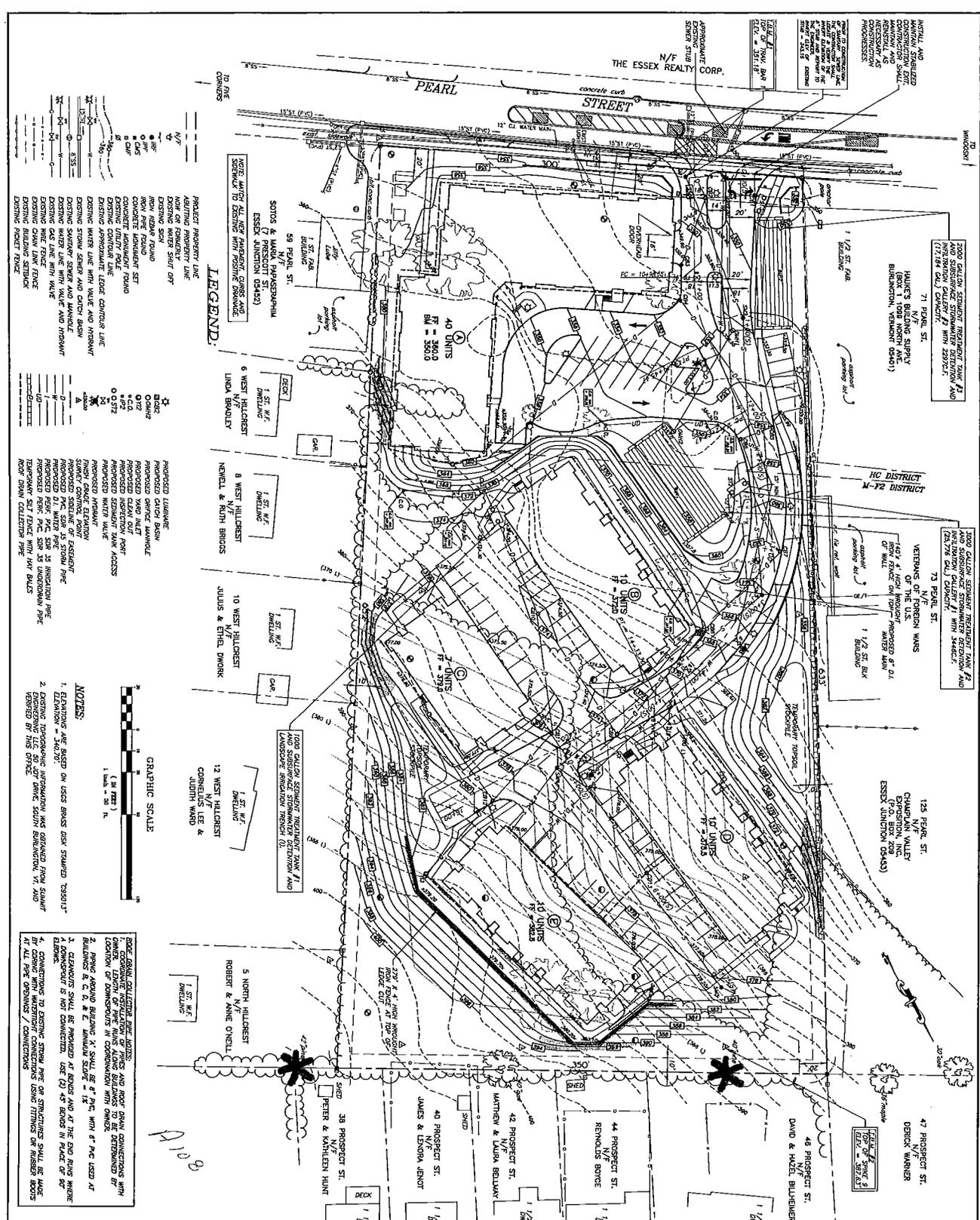
Expired State Stormwater Permits:
Title III Permits

September 30, 2016

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Highland Village
2. Location: Highland Village (off of Pearl St)
3. Stormwater Permit Number: 1-1527.0111
4. Current Permit Status: (Issued, Expired, Title 3) Title 3
5. Narrative Describing the Stormwater System:
catch basins, sediment treatment tanks with subsurface stormwater detention and infiltration gallery
6. Current Compliance Status:
 - Compliant with previously issued state permit by their own engineer
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
Highland Village
-provided electronically on CD
8. Proof of Legal Responsibility (list and attach):
Title 3
Private Infrastructure System



PROPOSED GRADING & DRAINAGE PLAN

HIGHLAND VILLAGE

65-89 PEARL STREET
ESSEX JUNCTION, VERMONT 05452

DAUGHTERT & HICKINSON
14 BAKER DRIVE
DARTMOUTH, VERMONT 05740
PHONE (802) 894-4100

Engineers - Planners - Surveyors

LEGEND

- PROJECT PROPERTY LINE
- EXISTING PROPERTY LINE
- EXISTING WATER SHUT OFF
- EXISTING SEWER
- EXISTING WATER MAIN
- EXISTING CONCRETE ADJACENT SET
- EXISTING CONCRETE FOUNDATION
- EXISTING CONCRETE LINE
- EXISTING APPROXIMATE LEAD CONTAINMENT LINE
- EXISTING STORM SEWER AND CATCH BASIN
- EXISTING WATER LINE WITH VALVE AND HYDRANT
- EXISTING WATER LINE WITH VALVE AND HYDRANT
- EXISTING GAS LINE WITH VALVE
- EXISTING FIRE SERVICE TRENCH
- EXISTING BUILDING SERVICE
- EXISTING PICKET FENCE

NOTES:

- ELEVATIONS ARE BASED ON LOCAL BENCH MARK STATION 7309117
- EXISTING PROPOSED INTERSECTION HAS GRADING FROM SQUARE VERMONT SET FENCE WITH 1/2" BARS

GRAPHIC SCALE

1" = 30' (1:3600)

CONTRACTOR SHALL NOTIFY "TOSMART" AT 888-800-SAFE PRIOR TO ANY EXCAVATION.

PROPOSED GRADING & DRAINAGE PLAN

HIGHLAND VILLAGE

65-89 PEARL STREET
ESSEX JUNCTION, VERMONT 05452

DAUGHTERT & HICKINSON
14 BAKER DRIVE
DARTMOUTH, VERMONT 05740
PHONE (802) 894-4100

Engineers - Planners - Surveyors

LEGEND

- PROJECT PROPERTY LINE
- EXISTING PROPERTY LINE
- EXISTING WATER SHUT OFF
- EXISTING SEWER
- EXISTING WATER MAIN
- EXISTING CONCRETE ADJACENT SET
- EXISTING CONCRETE FOUNDATION
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- EXISTING STORM SEWER AND CATCH BASIN
- EXISTING WATER LINE WITH VALVE AND HYDRANT
- EXISTING WATER LINE WITH VALVE AND HYDRANT
- EXISTING GAS LINE WITH VALVE
- EXISTING FIRE SERVICE TRENCH
- EXISTING BUILDING SERVICE
- EXISTING PICKET FENCE

NOTES:

- ELEVATIONS ARE BASED ON LOCAL BENCH MARK STATION 7309117
- EXISTING PROPOSED INTERSECTION HAS GRADING FROM SQUARE VERMONT SET FENCE WITH 1/2" BARS

GRAPHIC SCALE

1" = 30' (1:3600)

CONTRACTOR SHALL NOTIFY "TOSMART" AT 888-800-SAFE PRIOR TO ANY EXCAVATION.

Expired State Stormwater Permits:

Other Permits brought into Compliance

September 30, 2016

MS4 Incorporation Form for State Issued Stormwater Permits

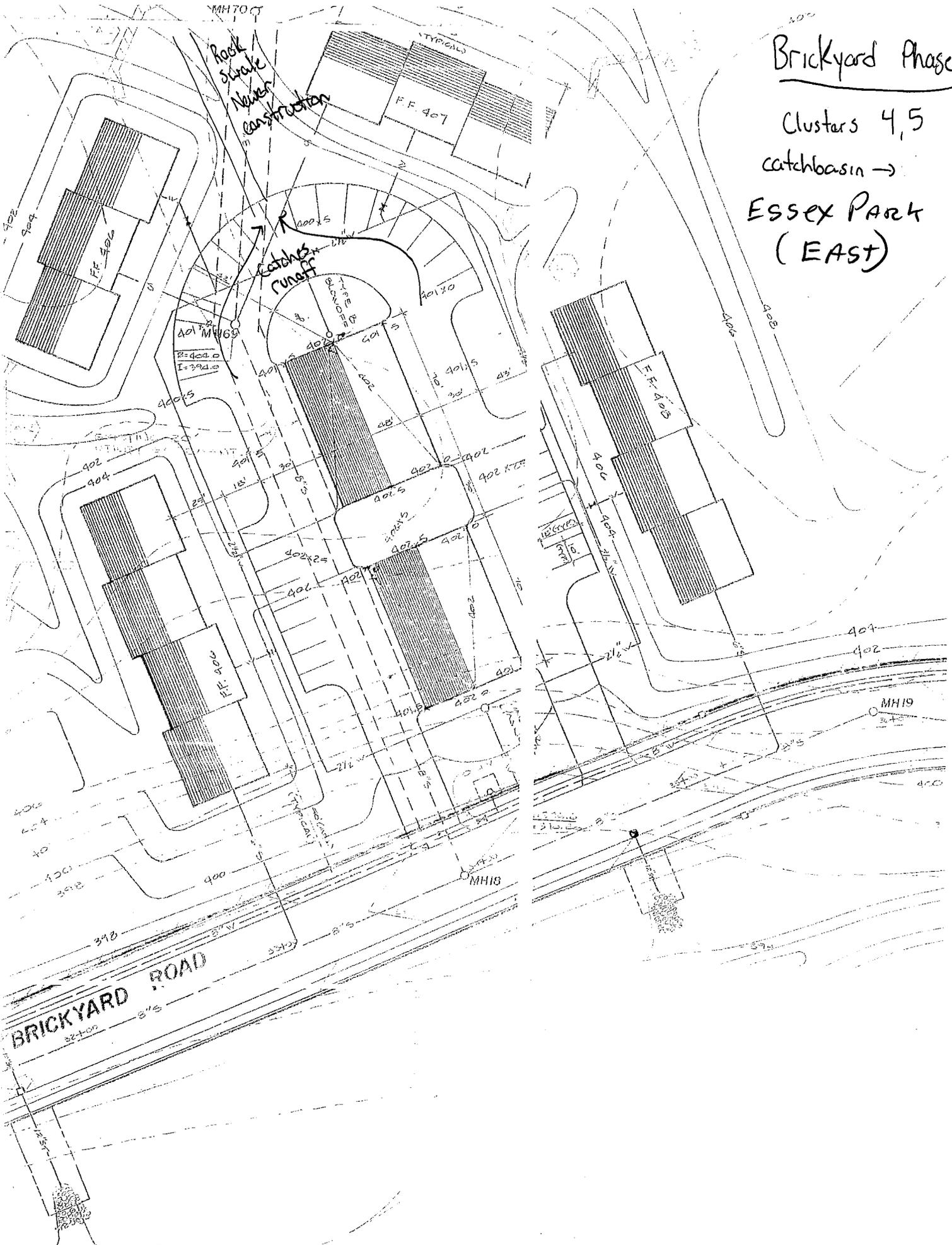
Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Essex Park (East)
2. Location: Brickyard Road Essex Junction VT 05452
3. Stormwater Permit Number: 2-0289
4. Current Permit Status: (Issued, Expired, Title 3) Expired
5. Narrative Describing the Stormwater System:
Overland flow to Municipal ROW
Or to Rock Swale to the North

6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
Essex Park East Brickyard Phase 1 Sheet Attached
8. Proof of Legal Responsibility (list and attach):
Type II Agreement Pending

Brickyard Phase

Clusters 4, 5
catchbasin →
Essex Park
(EAST)



MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Essex Park (West)
2. Location: Brickyard Road Essex Junction VT 05452
3. Stormwater Permit Number: 2-0289
4. Current Permit Status: (Issued, Expired, Title 3) Expired
5. Narrative Describing the Stormwater System:
Overland Flow to The Municipal ROW,
abutting condominiums or to a
Swale to the North
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
Essex Park - WEST plan sheet Attached
8. Proof of Legal Responsibility (list and attach):
Essex Junction Type II Agreement
Attached

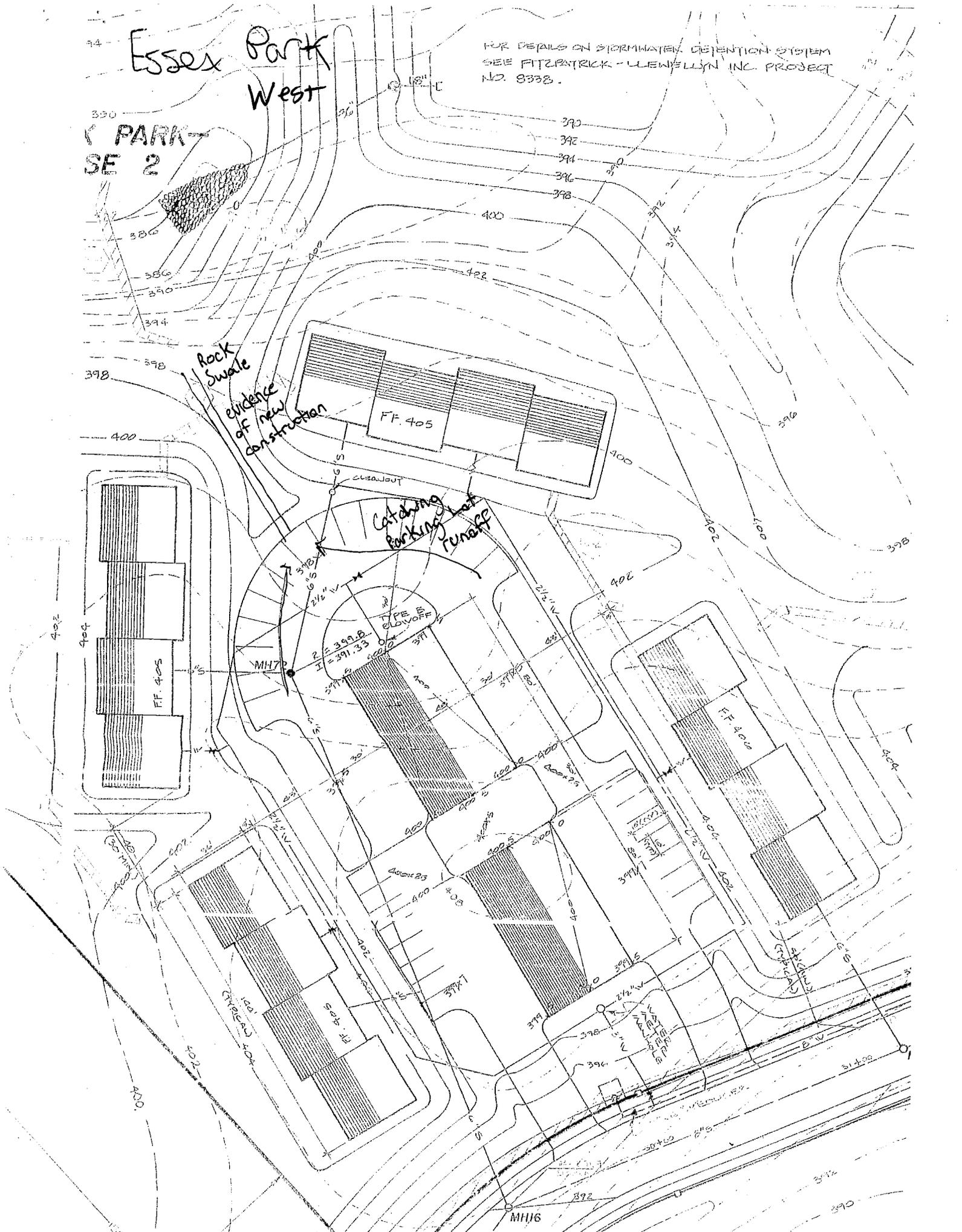
Essex Park West

FOR DETAILS ON STORMWATER DETENTION SYSTEM
SEE FITZPATRICK - LEWELLYN INC. PROJECT
NO. 8338.

PARK SE 2

Rock Swale
evidence of new construction

Catching parking lot runoff



RECEIVED

SEP 16 2016

Village of Essex Junction

TYPE 2 STORM WATER SYSTEM AGREEMENT

This STORM WATER SYSTEM AGREEMENT ("Agreement") is made this 14 day of September 2016 by and between the Village of Essex Junction, a Vermont municipal corporation with a principal place of business at 2 Lincoln Street, Essex Junction, Vermont 05452 (the Village), and Essex Park West Association with a principal place of business at 60 Brickyard Road ("Permittee"). The Village and Permittee are sometimes each referred to in this Agreement as a "Party" or collectively as the "Parties."

WITNESSETH:

WHEREAS, the Village has adopted an amendment to its Village Ordinance, incorporating Section 10.20.90 of the Town Storm Water Ordinance entitled Establishment and Transfer of Responsibility for State of Vermont issued Department of Environmental Conservation Authorization to Discharge Permits under General Storm Water Permits and for Unpermitted Discharges to Impaired Waterways within the Town of Essex, Inclusive of the Village of Essex Junction; and

WHEREAS, the Storm Water Ordinance amendment identifies the requirements under section 10.20.094.B necessary for the Village to accept storm water permit responsibility for a valid or expired Type 2 storm water permit, as such type is defined in the Ordinance Amendment; and

WHEREAS, Permittee has identified that it is in their best interests to have the Village accept storm water permit responsibility by entering into this Agreement; and

WHEREAS, it is in the best interests of the Parties to work together to achieve State of Vermont storm water permit compliance; and

WHEREAS, the Parties agree that the Village has no responsibility for the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, or non-public storm water infrastructure added to the original version of a valid or expired storm water permit;

WHEREAS, the Village may in its sole discretion, if determined by the legislative body to be in its best interests, to accept some or all of the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, at some future date; and

WHEREAS, the Village inspected and certified that the Type 2 storm water system, including but not limited to catch basins, storm pipes, and treatment facilities, is in compliance with the infrastructure requirements as contained in the expired permit;

NOW, THEREFORE, in consideration of the matters described above, and of the mutual benefits and obligations set forth in this Agreement, and on the express condition that all conditions precedent described below are satisfied, the Parties agree as follows:

SECTION ONE VILLAGE OBLIGATIONS

The Village agrees to accept full or shared permit responsibility for valid or expired storm water system permits as follows and also shall:

1. Conduct future inspections that occur after the initial certification inspection of Type 2 storm water systems at no charge to the Permittee.
2. Conduct annual system compliance inspections to verify the condition and maintenance of the Type 2 storm water system and report findings to the State and the Permittee.
3. Inspect and prepare an annual structural condition survey and extent of debris capture in all catch basins contributing storm water flow within the permitted area.
4. At the request of Permittee, arrange for cleaning of non-public catch basins, and to bill such cleaning costs to the Permittee.
5. Make best efforts to minimize the impact on the Permittee's property and their business operations thereon in performing its obligations under this Agreement.

SECTION TWO PERMITTEE OBLIGATIONS

Permittee shall:

1. To pay all applicable permit fees, including initial fees and all future renewal fees, if any such fees are required of the Type 2 storm water system.
2. Correct any deficiencies identified in the engineer's storm water system inspection at their own expense: NONE
3. Maintain, repair, replace and upgrade as necessary all storm water infrastructure covered under the Type 2 storm water system permit.

4. Sweep clean all paved private roadways or parking lots at least twice per year and clean out all private catch basins whenever the depth of deposited material exceeds 50% of the depth of the catch basin sump, or enter into an agreement with the Town to perform the services for a fee.
5. Comply with all other elements of the Storm Water Ordinance or State environmental regulations, including but not limited to sections dealing with illicit discharges, offsite discharge of sediment, site erosion, and fertilizer application with respect to phosphorous and overall compliance with best storm water management practices as defined in adopted regulations or ordinances.
6. Perform any necessary structural repairs to any non-public storm water infrastructure beyond the annual routine maintenance within at least six (6) months of discovery of such needed structural repair or, if not repaired within six months of discovery, reimburse the Village for all its costs for such catch basin repair plus a ten percent (10%) surcharge for associated administrative expenses relating to such repair.
7. Indemnify, defend and hold harmless the Village and its officers, employees, agents, and representatives for and from any claims for liability and or damages arising out of the Village's performance of the required annual operations and maintenance and required testing of the storm water infrastructure, including all catch basins and pipes, that may occur on Permittee's property, except to the extent such claims (a) arise from the gross negligence or intentional misconduct of the Village or its employees, agents or contractors, or (b) are covered by insurance carried by the Village, its agents or contractors.

SECTION THREE MISCELLANEOUS

1. The Permittee is not identified under the FRP to make on-site storm water improvements at this time. This does not, however, exempt the Permittee or the Village from compliance with future requirements under the FRP or State environmental regulations.
2. It is anticipated that permit fees associated with the inclusion of the expired permits under the Town's MS4 permit will be the responsibility of the Village. However, any payments required under this Agreement necessitated by a change in permit or costs to be reimbursed to the Village for work performed shall be due upon receipt of an invoice. Any payments not made within thirty (30) days of their due date shall accrue interest at a rate of one percent (1%) per month on the past due amount until paid in full.
3. The Parties covenant and agree that the conditions and obligations under this Agreement shall run with the land, and shall accrue to the benefit of and be binding upon their respective successors and assigns as if they were parties to this Agreement. Any payments required under this Agreement not made when due shall constitute a lien on property of the

Party failing to make payment, and shall be collectible in the same fashion as unpaid property taxes.

- 4. In the event a Party resorts to the judicial process to enforce another Party's obligations hereunder, the prevailing Party shall be entitled to recover its reasonable attorneys' fees.
- 5. This Agreement shall be interpreted consistent with and governed by the laws of the State of Vermont.
- 6. This Agreement consists of the entire understanding between the Parties relative to its subject matter, and may not be modified orally, but only by a written instrument signed by all Parties.

IN WITNESS WHEREOF, the Parties have caused their corporate seal to be affixed hereto and these premises to be signed in its name and on its behalf by its duly authorized agent as of the day and date first written above.

Shelburne, _____, VERMONT

Melanie Pochy
Witness

BY: [Signature]
Duly Authorized Agent

Witness

BY: _____
Duly Authorized Agent

STATE OF VERMONT)
)
COUNTY OF CHITTENDEN)

SS.

At Essex in said County this 14 day of Sep, A.D., 2016, personally appeared Robert Eno duly authorized officer of Essex Park Way and he acknowledged this instrument, by him sealed and subscribed to be his free act and deed and the free act and deed of the [Town of Essex] [Village of Essex Junction].

Before me,

Scott

Notary Public

My Commission Expires: 2/19

STATE OF VERMONT)

SS.

COUNTY OF CHITTENDEN)

At Essex in said County this ____ day of _____, A.D., ____, personally appeared _____ duly authorized officer of _____, and he/she acknowledged this instrument, by him/her sealed and subscribed to be his/her free act and deed and the free act and deed of _____.

Before me,

Notary Public

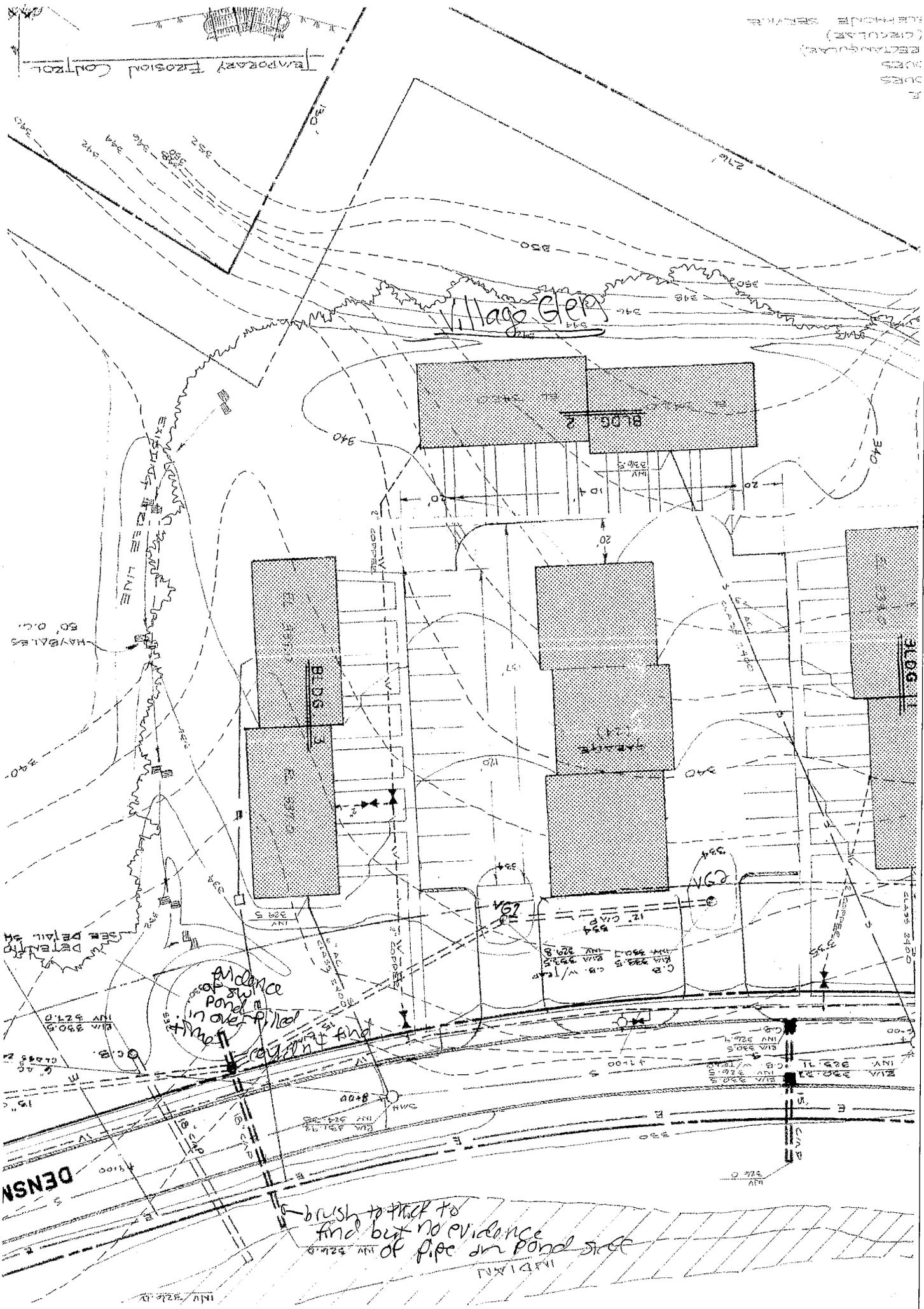
My Commission Expires: _____

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Village Glen Buildings 1, 2, 3
2. Location: Densmore Drive, Essex Junction VT 05452
3. Stormwater Permit Number: 2-0835
4. Current Permit Status: (Issued, Expired, Title 3) Expired and not under Municipal Ownership
5. Narrative Describing the Stormwater System:
Conventional catchbasins connecting
to municipal infrastructure prior to
discharge to Indian Brook
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
- Village Glen
8. Proof of Legal Responsibility (list and attach):
Type II Agreement Pending

F
DURS
DURS
RECTANGULAR
(CIRCULAR)
TEMPORARY EROSION CONTROL



Avoidance Pond in over-pipe recent find

brush to track to find but no evidence of pipe in pond still

DENSEN

Village Glen

BLDG 1

BLDG 2

BLDG 3

BLDG 4

BLDG 5

INVT 330.5

INVT 327.0

INVT 324.5

INVT 321.0

INVT 325.11

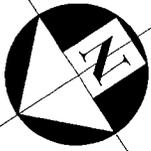
INVT 322.5

INVT 320.23

INVT 327.0

INVT 322.15

INVT 326.0

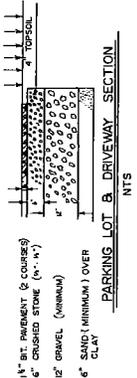
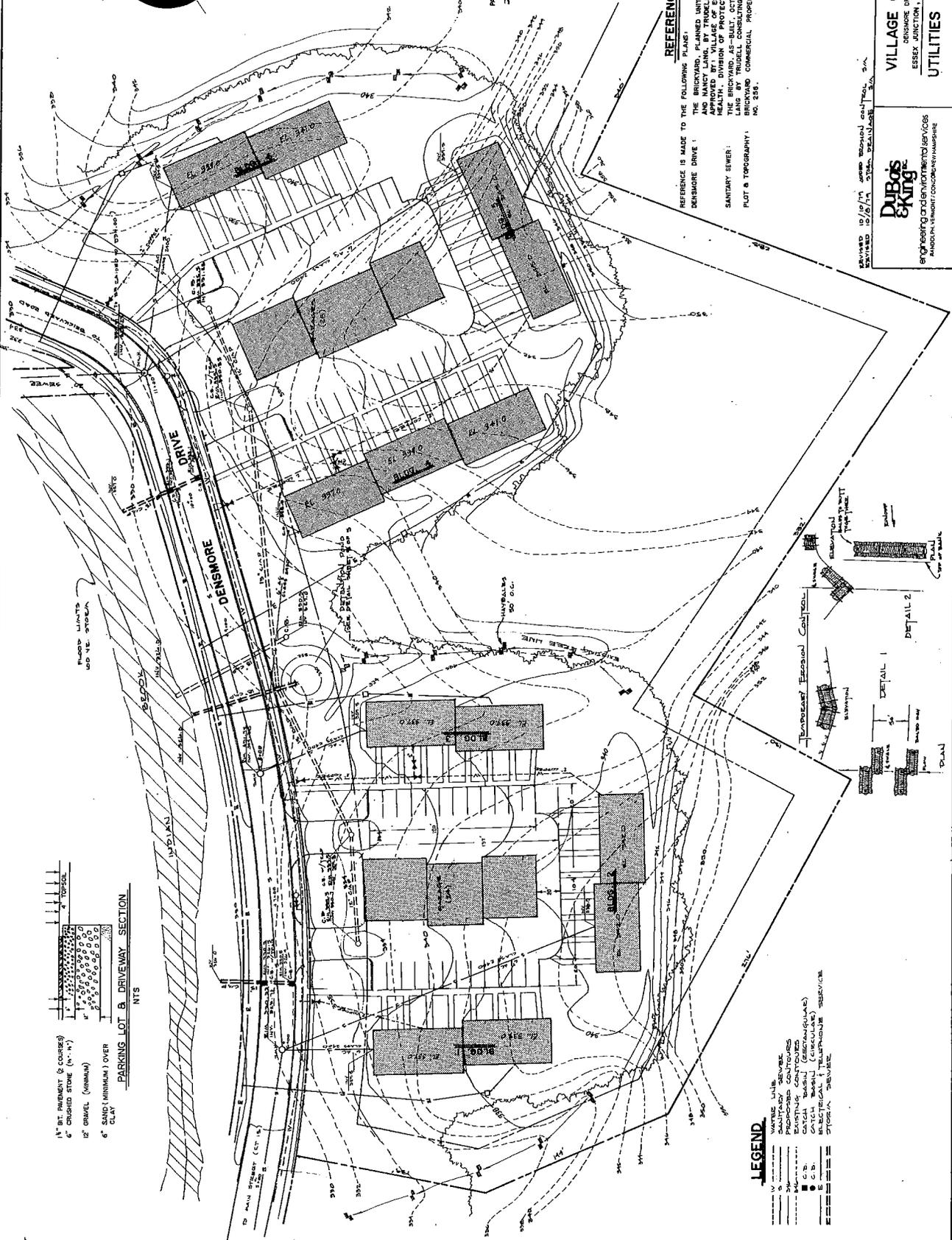


REFERENCE PLAN

REFERENCE IS MADE TO THE FOLLOWING PLANS:
 THE BRICKYARD, PLANNED UNIT DEVELOPMENT, 1977, FOR CLAUDE GARNE AND NANCY LANG, BY TRUDELL CONSULTING ENGINEERS, INC. AS PART OF THE VILLAGE OF ESSEX JUNCTION, VERMONT STATE DEPT. OF HEALTH DIVISION, PROJECT NO. 104000.
 THE BRICKYARD, AS-BUILT, OCT. 1978, FOR CLAUDE GARNE AND NANCY LANG, BY TRUDELL CONSULTING ENGINEERS, INC. AS PART OF THE BRICKYARD AND COMMERCIAL PROPERTY, SEPT. 1978, BY JOHN A. MARSH, RLS NO. 638.

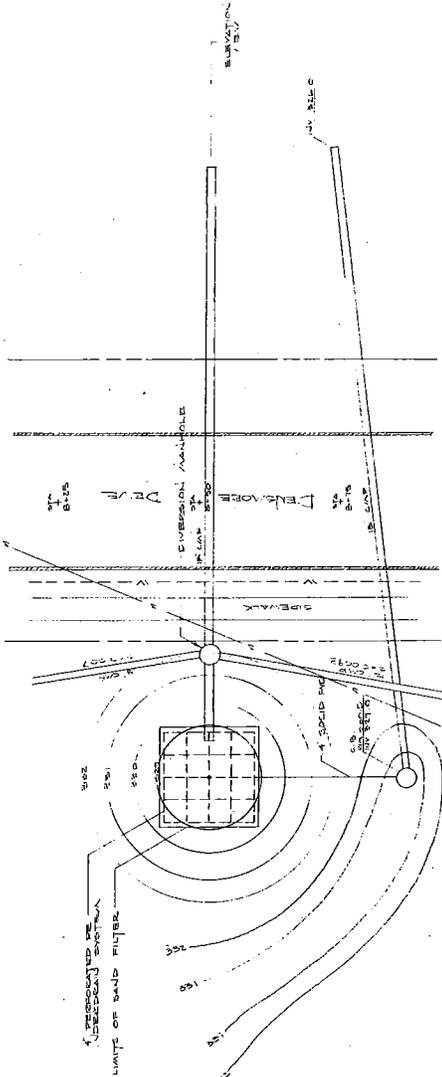


REVISED 10/10/79	DATE	9/10/79
REVISED 10/8/79	SCALE	1" = 30'
PROJECT NO.	PROJ. NO.	104000
CHECKED BY	DESIGNED BY	RONALD R. O'SHAN
VILLAGE GLEN DENSHORE DRIVE ESSEX JUNCTION, VERMONT UTILITIES PLAN		
SHEET 2 OF 5		

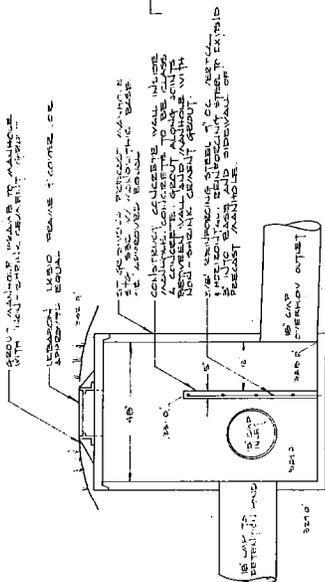


LEGEND

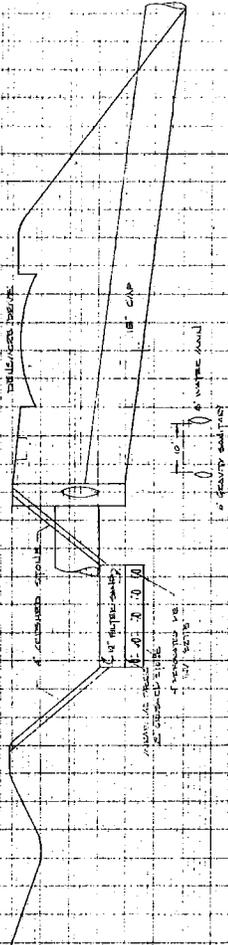
- WATER MAIN
- SEWER
- PROPOSED CONTOURS
- EXISTING CONTOURS
- ELECTRICAL (CIRCULAR)
- GAS (CIRCULAR)
- TELEPHONE SERVICE
- STORAGE SEWER



Diversion Manhole
PLAN VIEW 1:10



Diversion Manhole
DETAIL



Diversion Pond
SECTIONAL VIEW
SCALE 1" = 2'



DUBOIS & KING, INC.
 ENGINEERING CONSULTANTS & ARCHITECTS
 10000 VERMONT AVENUE
 WASHINGTON, VERMONT

VILLAGE GLEN
 DENMORE DRIVE
 ESSEX JUNCTION, VERMONT
STORMWATER FILTRATION POND

DATE	10/9/79
DESIGN BY	SKB
CHECKED BY	SKB
PROJECT NO.	10000
CLIENT	RONALD A. HILLMAN
SHEET	5 OF 5

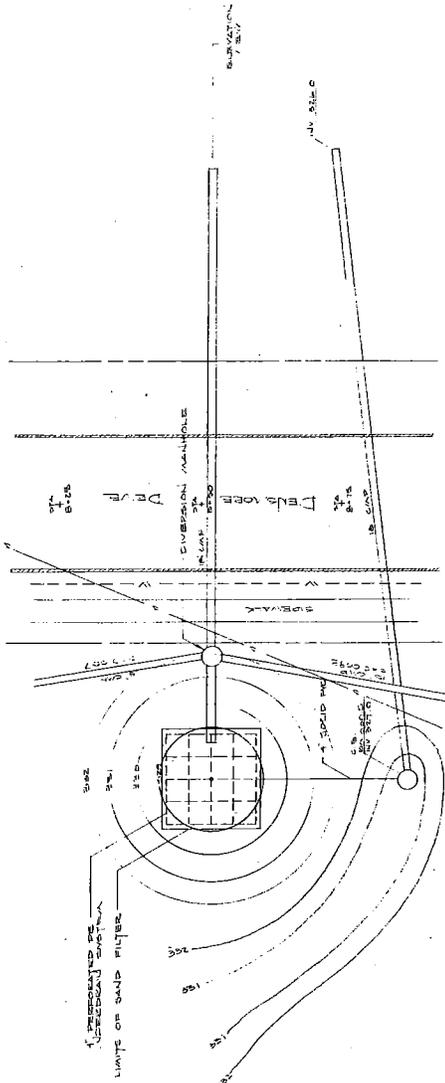
54

300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000
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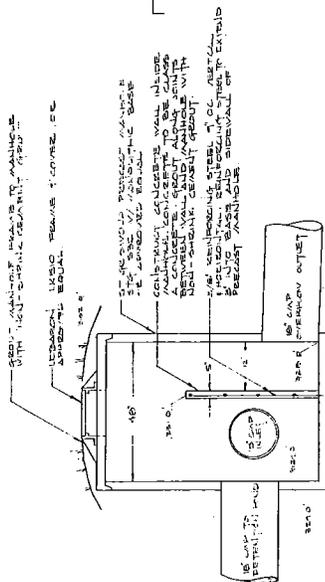
MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

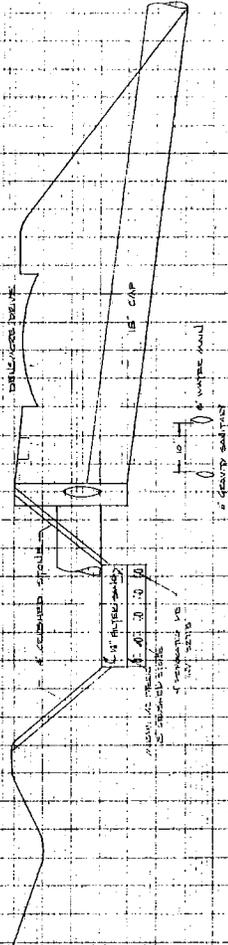
1. Stormwater System Name: Village Glen (East) Buildings 4,5,6
2. Location: Densmore Drive, Essex Junction VT 05450
3. Stormwater Permit Number: 2-0835
4. Current Permit Status: (Issued, Expired, Title 3) Expired and not under Municipal Ownership
5. Narrative Describing the Stormwater System:
Storm Drainage inlets connecting to
Municipal infrastructure prior to
Discharge to Indian Brook
6. Current Compliance Status:
 Compliant with previously issued state permit * Storm Drainage inlets were constructed with Sewer Manhole Structures with out adequate Sumps
 Planned compliance within 24 mos; Estimated Compliance Date: _____
 Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach): Will work with HOA to develop a remediation plan or EFA under State Guidelines - Village Glen East
8. Proof of Legal Responsibility (list and attach): Type II agreement pending



Diversion Basin
PLAN VIEW 1"=10'



Diversion Basin
DETAIL



Stormwater Filtration Pond
SECTION VIEW 1"=2'

303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500
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54

DATE	10/19/19
PROJECT NO.	19-000
PROJECT NAME	VILLAGE GLEN DRIVE ESSEX JUNCTION, VERMONT
DRAWN BY	DNW/LLA/PT/AN
CHECKED BY	
SCALE	AS SHOWN
SHEET	5 OF 5

VILLAGE GLEN DRIVE
ESSEX JUNCTION, VERMONT
STORMWATER FILTRATION POND

DuBois & King
INCORPORATED
ENGINEERING ARCHITECTURE INTERIORS
100 WASHINGTON STREET, SUITE 100
ESSEX, VERMONT 05701



Stormwater Filtration Pond
SECTION VIEW 1"=2'

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: East Creek Condominiums
2. Location: Brickyard Road Essex Junction VT 05452
3. Stormwater Permit Number: 2-0952
4. Current Permit Status: (Issued, Expired, Title 3) Expired
5. Narrative Describing the Stormwater System:
Conventional conveyance combining
pipe and Overland Flow with Discharge
Via Municipal ROW or to the Surrounding
Property
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
8. Proof of Legal Responsibility (list and attach):

Type II agreement Pending

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Champlain Valley Exposition (CVE)
2. Location: Pearl Street Essex Junction VT 05452
3. Stormwater Permit Number: Various
4. Current Permit Status: (Issued, Expired, Title 3) Current and Expired
3626 INDS.1 1-1409 1-0771 and others
5. Narrative Describing the Stormwater System:
CVE and Their Engineer of Record will address
Expired permits and Status Directly with the State.
Contact Andy Rowe of Lamoureux & Dickinson Directly
(802) 878-4450
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
See Attached letter Dated
JANUARY 18, 2016
8. Proof of Legal Responsibility (list and attach):



January 18, 2016

Chelsea Mandigo
Village of Essex Junction
2 Lincoln Street
Essex Junction, VT 05452

RE: Champlain Valley Exposition
Stormwater System Maintenance

Dear Chelsea:

We are writing on behalf of Champlain Valley Exposition, Inc. (CVE) in regards to their stormwater management system. CVE is subject to the following State stormwater permits:

<u>Permit #</u>	<u>Description</u>	<u>Expiration date</u>
3626-INDS.1	Event staging / multi-use area (currently under construction)	02/07/2012
3626-INDS	Exhibit hall / soccer facility (Miller-Expo North)	09/13/2009
1-1409	Multipurpose building & roadway (Miller Expo Center)	06/30/2005
1-0771	Access road (VT Route 2A connection)	09/30/1993

In September 2015, our office observed the existing stormwater management system and noted the following:

Event staging area - Construction is underway on this project, with completion planned for the summer of 2016. Erosion prevention and sediment control measures will require ongoing maintenance throughout construction, until final stabilization.

Existing storm pond - The following maintenance items are needed:

- Remove trees from pond sideslopes
- Remove build-up of sediment just beyond pool at inlet pipe
- Remove build-up of sediment near outlet structure, and pull back stone to fully expose lower orifice on outlet structure
- Remove debris at pond outfall (old pipe sections and cable spool)

The above items are planned to be completed by CVE in 2016, concurrent with the completion of the Event staging area work.

CVE also reported in December 2015 that all catchbasin sumps have been cleaned.

Please contact our office with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Rowe". The signature is fluid and cursive, with the first name "Andrew" written in a larger, more prominent script than the last name "Rowe".

Andrew Rowe P.E.

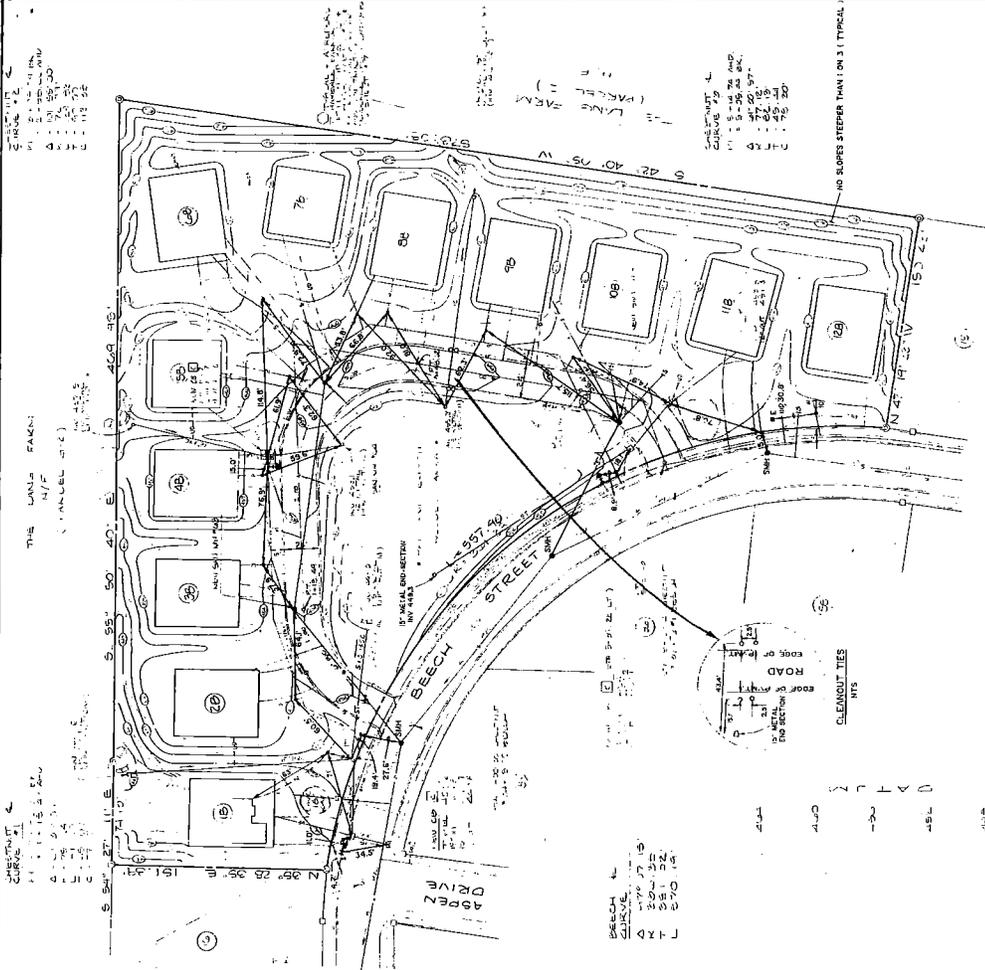
c: Bob Jenkins

P:\2002\02015\Stormwater\2015 report to Village.wpd

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Countryside Cluster Homes Parcel B - Chestnut Lane
2. Location: Chestnut Lane Essex Junction VT 05452
3. Stormwater Permit Number: A portion of Expired permit 2-0289
4. Current Permit Status: (Issued, Expired, Title 3) Expired and Not Under Municipal Ownership
5. Narrative Describing the Stormwater System:
Conventional Conveyance System with
some overland flow / infiltration. Discharge
is to the Municipal Storm Sewer System
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
• Countryside Parcel B Storm Drainage Phase VIII
8. Proof of Legal Responsibility (list and attach):
Signed by HOA Village Signature
Pending



1/10/98	Issue #1 - LPA 101 OF CURSE TO B	643
1/23/98	Issue #2 - LPA 101 OF CURSE TO B	643
2/17/98	Issue #3 - LPA 101 OF CURSE TO B	643
3/12/98	Issue #4 - LPA 101 OF CURSE TO B	643
4/16/98	Issue #5 - LPA 101 OF CURSE TO B	643
5/13/98	Issue #6 - LPA 101 OF CURSE TO B	643
6/10/98	Issue #7 - LPA 101 OF CURSE TO B	643
7/8/98	Issue #8 - LPA 101 OF CURSE TO B	643
8/5/98	Issue #9 - LPA 101 OF CURSE TO B	643
9/2/98	Issue #10 - LPA 101 OF CURSE TO B	643
10/1/98	Issue #11 - LPA 101 OF CURSE TO B	643
11/1/98	Issue #12 - LPA 101 OF CURSE TO B	643
12/1/98	Issue #13 - LPA 101 OF CURSE TO B	643
1/1/99	Issue #14 - LPA 101 OF CURSE TO B	643
2/1/99	Issue #15 - LPA 101 OF CURSE TO B	643
3/1/99	Issue #16 - LPA 101 OF CURSE TO B	643
4/1/99	Issue #17 - LPA 101 OF CURSE TO B	643
5/1/99	Issue #18 - LPA 101 OF CURSE TO B	643
6/1/99	Issue #19 - LPA 101 OF CURSE TO B	643
7/1/99	Issue #20 - LPA 101 OF CURSE TO B	643
8/1/99	Issue #21 - LPA 101 OF CURSE TO B	643
9/1/99	Issue #22 - LPA 101 OF CURSE TO B	643
10/1/99	Issue #23 - LPA 101 OF CURSE TO B	643
11/1/99	Issue #24 - LPA 101 OF CURSE TO B	643
12/1/99	Issue #25 - LPA 101 OF CURSE TO B	643
1/1/00	Issue #26 - LPA 101 OF CURSE TO B	643
2/1/00	Issue #27 - LPA 101 OF CURSE TO B	643
3/1/00	Issue #28 - LPA 101 OF CURSE TO B	643
4/1/00	Issue #29 - LPA 101 OF CURSE TO B	643
5/1/00	Issue #30 - LPA 101 OF CURSE TO B	643
6/1/00	Issue #31 - LPA 101 OF CURSE TO B	643
7/1/00	Issue #32 - LPA 101 OF CURSE TO B	643
8/1/00	Issue #33 - LPA 101 OF CURSE TO B	643
9/1/00	Issue #34 - LPA 101 OF CURSE TO B	643
10/1/00	Issue #35 - LPA 101 OF CURSE TO B	643
11/1/00	Issue #36 - LPA 101 OF CURSE TO B	643
12/1/00	Issue #37 - LPA 101 OF CURSE TO B	643
1/1/01	Issue #38 - LPA 101 OF CURSE TO B	643
2/1/01	Issue #39 - LPA 101 OF CURSE TO B	643
3/1/01	Issue #40 - LPA 101 OF CURSE TO B	643
4/1/01	Issue #41 - LPA 101 OF CURSE TO B	643
5/1/01	Issue #42 - LPA 101 OF CURSE TO B	643
6/1/01	Issue #43 - LPA 101 OF CURSE TO B	643
7/1/01	Issue #44 - LPA 101 OF CURSE TO B	643
8/1/01	Issue #45 - LPA 101 OF CURSE TO B	643
9/1/01	Issue #46 - LPA 101 OF CURSE TO B	643
10/1/01	Issue #47 - LPA 101 OF CURSE TO B	643
11/1/01	Issue #48 - LPA 101 OF CURSE TO B	643
12/1/01	Issue #49 - LPA 101 OF CURSE TO B	643
1/1/02	Issue #50 - LPA 101 OF CURSE TO B	643
2/1/02	Issue #51 - LPA 101 OF CURSE TO B	643
3/1/02	Issue #52 - LPA 101 OF CURSE TO B	643
4/1/02	Issue #53 - LPA 101 OF CURSE TO B	643
5/1/02	Issue #54 - LPA 101 OF CURSE TO B	643
6/1/02	Issue #55 - LPA 101 OF CURSE TO B	643
7/1/02	Issue #56 - LPA 101 OF CURSE TO B	643
8/1/02	Issue #57 - LPA 101 OF CURSE TO B	643
9/1/02	Issue #58 - LPA 101 OF CURSE TO B	643
10/1/02	Issue #59 - LPA 101 OF CURSE TO B	643
11/1/02	Issue #60 - LPA 101 OF CURSE TO B	643
12/1/02	Issue #61 - LPA 101 OF CURSE TO B	643
1/1/03	Issue #62 - LPA 101 OF CURSE TO B	643
2/1/03	Issue #63 - LPA 101 OF CURSE TO B	643
3/1/03	Issue #64 - LPA 101 OF CURSE TO B	643
4/1/03	Issue #65 - LPA 101 OF CURSE TO B	643
5/1/03	Issue #66 - LPA 101 OF CURSE TO B	643
6/1/03	Issue #67 - LPA 101 OF CURSE TO B	643
7/1/03	Issue #68 - LPA 101 OF CURSE TO B	643
8/1/03	Issue #69 - LPA 101 OF CURSE TO B	643
9/1/03	Issue #70 - LPA 101 OF CURSE TO B	643
10/1/03	Issue #71 - LPA 101 OF CURSE TO B	643
11/1/03	Issue #72 - LPA 101 OF CURSE TO B	643
12/1/03	Issue #73 - LPA 101 OF CURSE TO B	643
1/1/04	Issue #74 - LPA 101 OF CURSE TO B	643
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3/1/04	Issue #76 - LPA 101 OF CURSE TO B	643
4/1/04	Issue #77 - LPA 101 OF CURSE TO B	643
5/1/04	Issue #78 - LPA 101 OF CURSE TO B	643
6/1/04	Issue #79 - LPA 101 OF CURSE TO B	643
7/1/04	Issue #80 - LPA 101 OF CURSE TO B	643
8/1/04	Issue #81 - LPA 101 OF CURSE TO B	643
9/1/04	Issue #82 - LPA 101 OF CURSE TO B	643
10/1/04	Issue #83 - LPA 101 OF CURSE TO B	643
11/1/04	Issue #84 - LPA 101 OF CURSE TO B	643
12/1/04	Issue #85 - LPA 101 OF CURSE TO B	643
1/1/05	Issue #86 - LPA 101 OF CURSE TO B	643
2/1/05	Issue #87 - LPA 101 OF CURSE TO B	643
3/1/05	Issue #88 - LPA 101 OF CURSE TO B	643
4/1/05	Issue #89 - LPA 101 OF CURSE TO B	643
5/1/05	Issue #90 - LPA 101 OF CURSE TO B	643
6/1/05	Issue #91 - LPA 101 OF CURSE TO B	643
7/1/05	Issue #92 - LPA 101 OF CURSE TO B	643
8/1/05	Issue #93 - LPA 101 OF CURSE TO B	643
9/1/05	Issue #94 - LPA 101 OF CURSE TO B	643
10/1/05	Issue #95 - LPA 101 OF CURSE TO B	643
11/1/05	Issue #96 - LPA 101 OF CURSE TO B	643
12/1/05	Issue #97 - LPA 101 OF CURSE TO B	643
1/1/06	Issue #98 - LPA 101 OF CURSE TO B	643
2/1/06	Issue #99 - LPA 101 OF CURSE TO B	643
3/1/06	Issue #100 - LPA 101 OF CURSE TO B	643

COUNTRYSIDE
ESSEX JUNCTION, VERMONT
PLAN and PROFILE
Parcel B / Chestnut Lane

Scale: 1" = 40'

LAMOUREUX
 14 Maple Street
 Essex Junction, Vermont 05452
 (802) 884-4330

Consulting Engineer and Land Surveyor

PLAN
 1" = 40'

THE PLAN AND PROFILE ARE TO BE USED IN CONJUNCTION WITH THE RECORD DRAWING TO DETERMINE THE HORIZONTAL LOCATION OF THE FOLLOWING ITEMS:

- WATER MAIN VALVES
- SEWER MANHOLES
- SEWER SERVICE
- SEWER SERVICE WITH INVERT ELEVATIONS
- STORM DRAINAGE
- CATCH BASINS & MANHOLES
- METAL MANHOLES WITH INVERT ELEVATIONS
- METAL MANHOLES WITH INVERT ELEVATIONS

RECORD DRAWING:
 THE WATER, SEWER AND DRAINAGE LINES AND APPURTENANCES SHOWN ON THIS PLAN AND PROFILE SHALL BE CONSIDERED AS APPROVED AND SPECIFICATIONS AS SHOWN ON THE RECORD DRAWING. FIELD LOCATION SURVEYS SHALL BE IN ACCORDANCE WITH THE RECORD DRAWING.

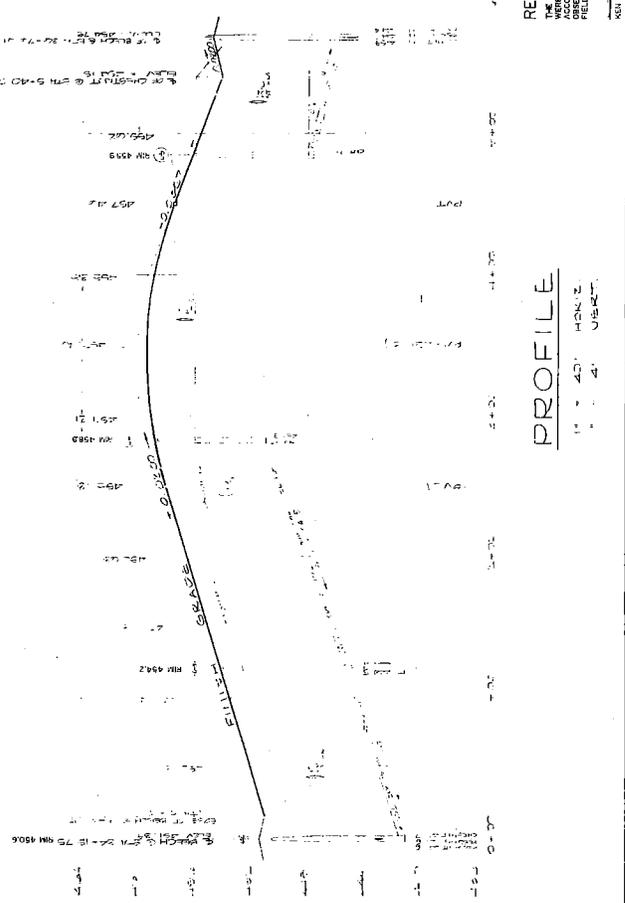
DATE: 12/27/97

LEGEND

- PROPOSED WATER MAIN
- EXISTING WATER MAIN
- PROPOSED SEWER MAIN
- EXISTING SEWER MAIN
- PROPOSED STORM DRAIN
- EXISTING STORM DRAIN
- PROPOSED MANHOLE
- EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- PROPOSED VALVE
- EXISTING VALVE
- PROPOSED SERVICE LINE
- EXISTING SERVICE LINE
- PROPOSED CURB
- EXISTING CURB
- PROPOSED DRIVE
- EXISTING DRIVE
- PROPOSED SIDEWALK
- EXISTING SIDEWALK
- PROPOSED DRIVEWAY
- EXISTING DRIVEWAY
- PROPOSED DRIVEWAY CURB
- EXISTING DRIVEWAY CURB
- PROPOSED DRIVEWAY VALVE
- EXISTING DRIVEWAY VALVE
- PROPOSED DRIVEWAY MANHOLE
- EXISTING DRIVEWAY MANHOLE
- PROPOSED DRIVEWAY CATCH BASIN
- EXISTING DRIVEWAY CATCH BASIN
- PROPOSED DRIVEWAY SERVICE LINE
- EXISTING DRIVEWAY SERVICE LINE
- PROPOSED DRIVEWAY VALVE
- EXISTING DRIVEWAY VALVE
- PROPOSED DRIVEWAY MANHOLE
- EXISTING DRIVEWAY MANHOLE
- PROPOSED DRIVEWAY CATCH BASIN
- EXISTING DRIVEWAY CATCH BASIN
- PROPOSED DRIVEWAY SERVICE LINE
- EXISTING DRIVEWAY SERVICE LINE

NOTE

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL RECORDS AND DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL EXISTING UTILITIES AND STRUCTURES TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL RECORDS AND DRAWINGS.



PROFILE
 1" = 40' VERT.
 1" = 40' HORIZ.

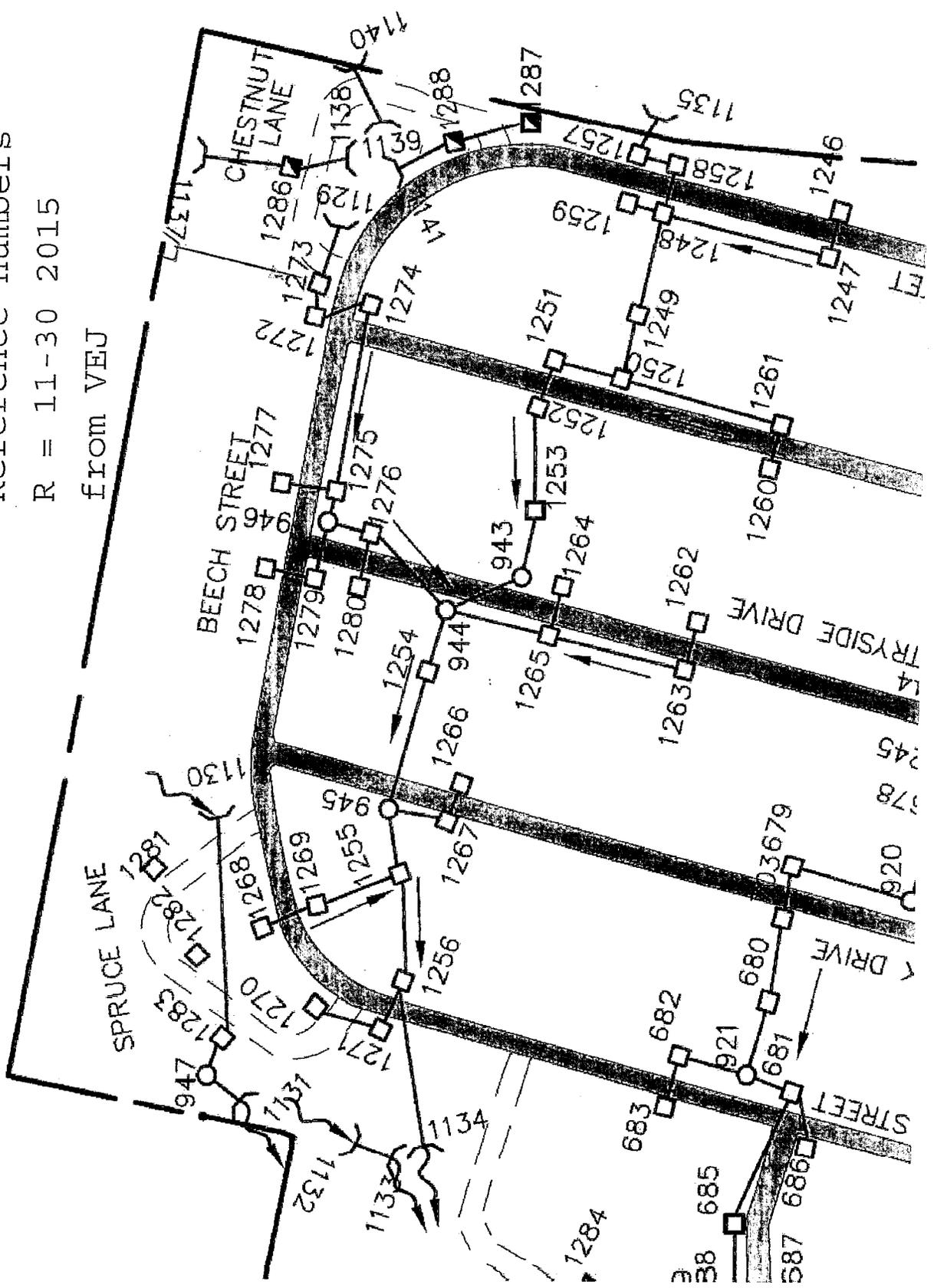
DATE: 12/27/97

Countryside Parcel B Storm Drainage

Reference numbers

R = 11-30 2015

from VEJ



TYPE 2 STORM WATER SYSTEM AGREEMENT

This STORM WATER SYSTEM AGREEMENT (“Agreement”) is made this 14 day of September 2016 by and between the Village of Essex Junction, a Vermont municipal corporation with a principal place of business at 2 Lincoln Street, Essex Junction, Vermont 05452 (the Village), and Countryside Cluster Homes Association Parcel B with a principal place of business at Chestnut Lane (“Permittee”). The Village and Permittee are sometimes each referred to in this Agreement as a “Party” or collectively as the “Parties.”

WITNESSETH:

WHEREAS, the Village has adopted an amendment to its Village Ordinance, incorporating Section 10.20.90 of the Town Storm Water Ordinance entitled Establishment and Transfer of Responsibility for State of Vermont issued Department of Environmental Conservation Authorization to Discharge Permits under General Storm Water Permits and for Unpermitted Discharges to Impaired Waterways within the Town of Essex, Inclusive of the Village of Essex Junction; and

WHEREAS, the Storm Water Ordinance amendment identifies the requirements under section 10.20.094.B necessary for the Village to accept storm water permit responsibility for a valid or expired Type 2 storm water permit, as such type is defined in the Ordinance Amendment; and

WHEREAS, Permittee has identified that it is in their best interests to have the Village accept storm water permit responsibility by entering into this Agreement; and

WHEREAS, it is in the best interests of the Parties to work together to achieve State of Vermont storm water permit compliance; and

WHEREAS, the Parties agree that the Village has no responsibility for the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, or non-public storm water infrastructure added to the original version of a valid or expired storm water permit;

WHEREAS, the Village may in its sole discretion, if determined by the legislative body to be in its best interests, to accept some or all of the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, at some future date; and

WHEREAS, the Village inspected and certified that the Type 2 storm water system, including but not limited to catch basins, storm pipes, and treatment facilities, is in compliance with the infrastructure requirements as contained in the expired permit;

NOW, THEREFORE, in consideration of the matters described above, and of the mutual benefits and obligations set forth in this Agreement, and on the express condition that all conditions precedent described below are satisfied, the Parties agree as follows:

SECTION ONE VILLAGE OBLIGATIONS

The Village agrees to accept full or shared permit responsibility for valid or expired storm water system permits as follows and also shall:

1. Conduct future inspections that occur after the initial certification inspection of Type 2 storm water systems at no charge to the Permittee.
2. Conduct annual system compliance inspections to verify the condition and maintenance of the Type 2 storm water system and report findings to the State and the Permittee.
3. Inspect and prepare an annual structural condition survey and extent of debris capture in all catch basins contributing storm water flow within the permitted area.
4. At the request of Permittee, arrange for cleaning of non-public catch basins, and to bill such cleaning costs to the Permittee.
5. Make best efforts to minimize the impact on the Permittee's property and their business operations thereon in performing its obligations under this Agreement.

SECTION TWO PERMITTEE OBLIGATIONS

Permittee shall:

1. To pay all applicable permit fees, including initial fees and all future renewal fees, if any such fees are required of the Type 2 storm water system.
2. Correct any deficiencies identified in the engineer's storm water system inspection at their own expense: NONE
3. Maintain, repair, replace and upgrade as necessary all storm water infrastructure covered under the Type 2 storm water system permit.

4. Sweep clean all paved private roadways or parking lots at least twice per year and clean out all private catch basins whenever the depth of deposited material exceeds 50% of the depth of the catch basin sump, or enter into an agreement with the Town to perform the services for a fee.
5. Comply with all other elements of the Storm Water Ordinance or State environmental regulations, including but not limited to sections dealing with illicit discharges, offsite discharge of sediment, site erosion, and fertilizer application with respect to phosphorous and overall compliance with best storm water management practices as defined in adopted regulations or ordinances.
6. Perform any necessary structural repairs to any non-public storm water infrastructure beyond the annual routine maintenance within at least six (6) months of discovery of such needed structural repair or, if not repaired within six months of discovery, reimburse the Village for all its costs for such catch basin repair plus a ten percent (10%) surcharge for associated administrative expenses relating to such repair.
7. Indemnify, defend and hold harmless the Village and its officers, employees, agents, and representatives for and from any claims for liability and or damages arising out of the Village's performance of the required annual operations and maintenance and required testing of the storm water infrastructure, including all catch basins and pipes, that may occur on Permittee's property, except to the extent such claims (a) arise from the gross negligence or intentional misconduct of the Village or its employees, agents or contractors, or (b) are covered by insurance carried by the Village, its agents or contractors.

SECTION THREE MISCELLANEOUS

1. The Permittee is not identified under the FRP to make on-site storm water improvements at this time. This does not, however, exempt the Permittee or the Village from compliance with future requirements under the FRP or State environmental regulations.
2. It is anticipated that permit fees associated with the inclusion of the expired permits under the Town's MS4 permit will be the responsibility of the Village. However, any payments required under this Agreement necessitated by a change in permit or costs to be reimbursed to the Village for work performed shall be due upon receipt of an invoice. Any payments not made within thirty (30) days of their due date shall accrue interest at a rate of one percent (1%) per month on the past due amount until paid in full.
3. The Parties covenant and agree that the conditions and obligations under this Agreement shall run with the land, and shall accrue to the benefit of and be binding upon their respective successors and assigns as if they were parties to this Agreement. Any payments required under this Agreement not made when due shall constitute a lien on property of the

Party failing to make payment, and shall be collectible in the same fashion as unpaid property taxes.

- 4. In the event a Party resorts to the judicial process to enforce another Party's obligations hereunder, the prevailing Party shall be entitled to recover its reasonable attorneys' fees.
- 5. This Agreement shall be interpreted consistent with and governed by the laws of the State of Vermont.
- 6. This Agreement consists of the entire understanding between the Parties relative to its subject matter, and may not be modified orally, but only by a written instrument signed by all Parties.

IN WITNESS WHEREOF, the Parties have caused their corporate seal to be affixed hereto and these premises to be signed in its name and on its behalf by its duly authorized agent as of the day and date first written above.

_____, VERMONT

Witness

BY: _____
Duly Authorized Agent

Witness

BY: *Harris Abbott* President
Duly Authorized Agent
HARRIS ABBOTT

STATE OF VERMONT)
)
COUNTY OF CHITTENDEN)

SS.

At Essex in said County this ____ day of _____, A.D., _____, personally appeared _____ duly authorized officer of _____, and he acknowledged this instrument, by him sealed and subscribed to be his free act and deed and the free act and deed of the [Town of Essex] [Village of Essex Junction].

Before me,

Notary Public

My Commission Expires: _____

STATE OF VERMONT)

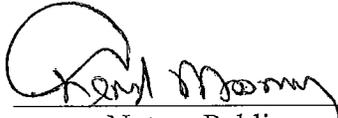
) SS.

COUNTY OF CHITTENDEN)

Grand Isle

At Essex in said County this 14th day of September, A.D., 2016, personally appeared Nams Abbot duly authorized officer of Countryside Parcel B, and he/she acknowledged this instrument by him/her sealed and subscribed to be his/her free act and deed and the free act and deed of Countryside Parcel B.

Before me,



Notary Public

My Commission Expires: 2/10/2019

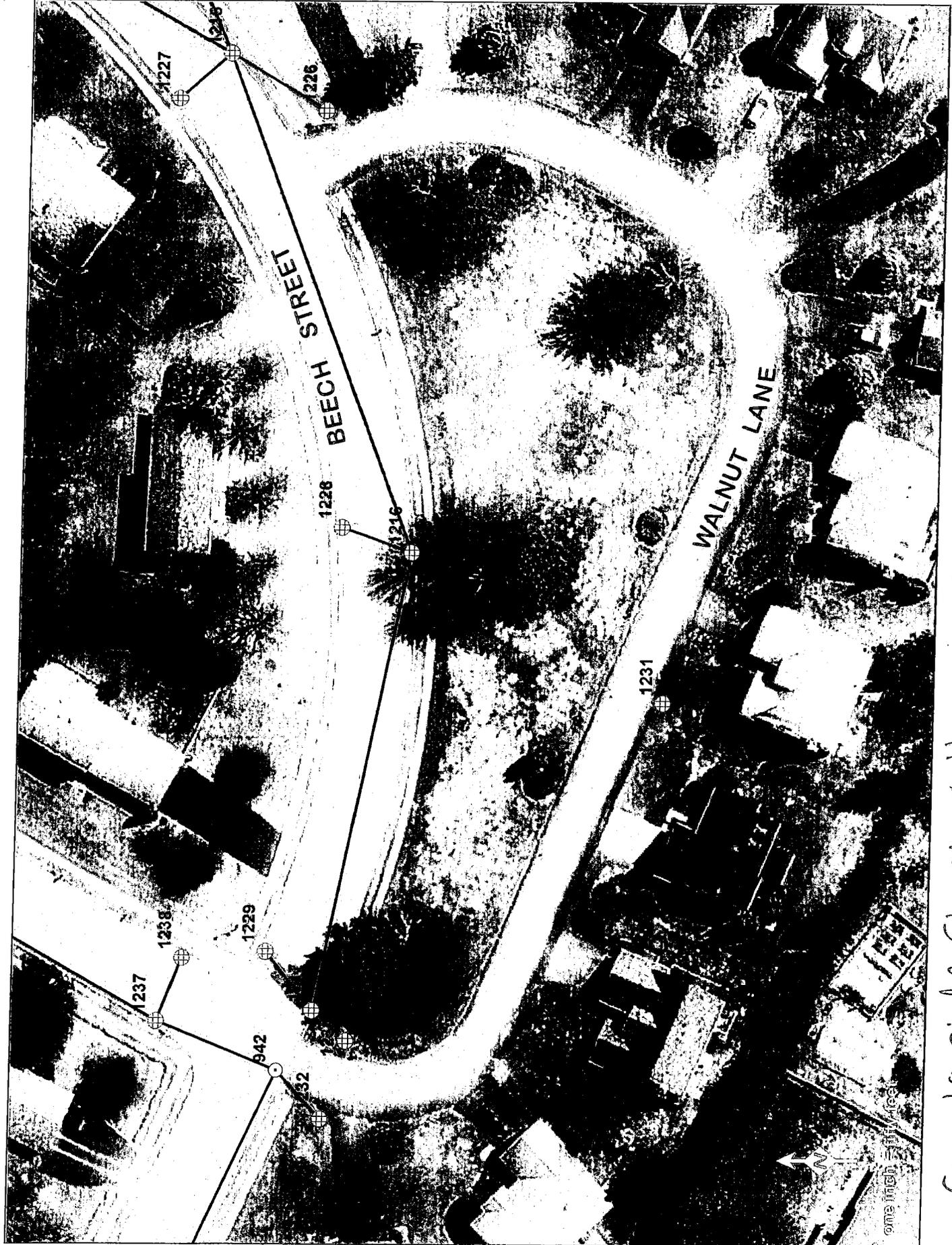
MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

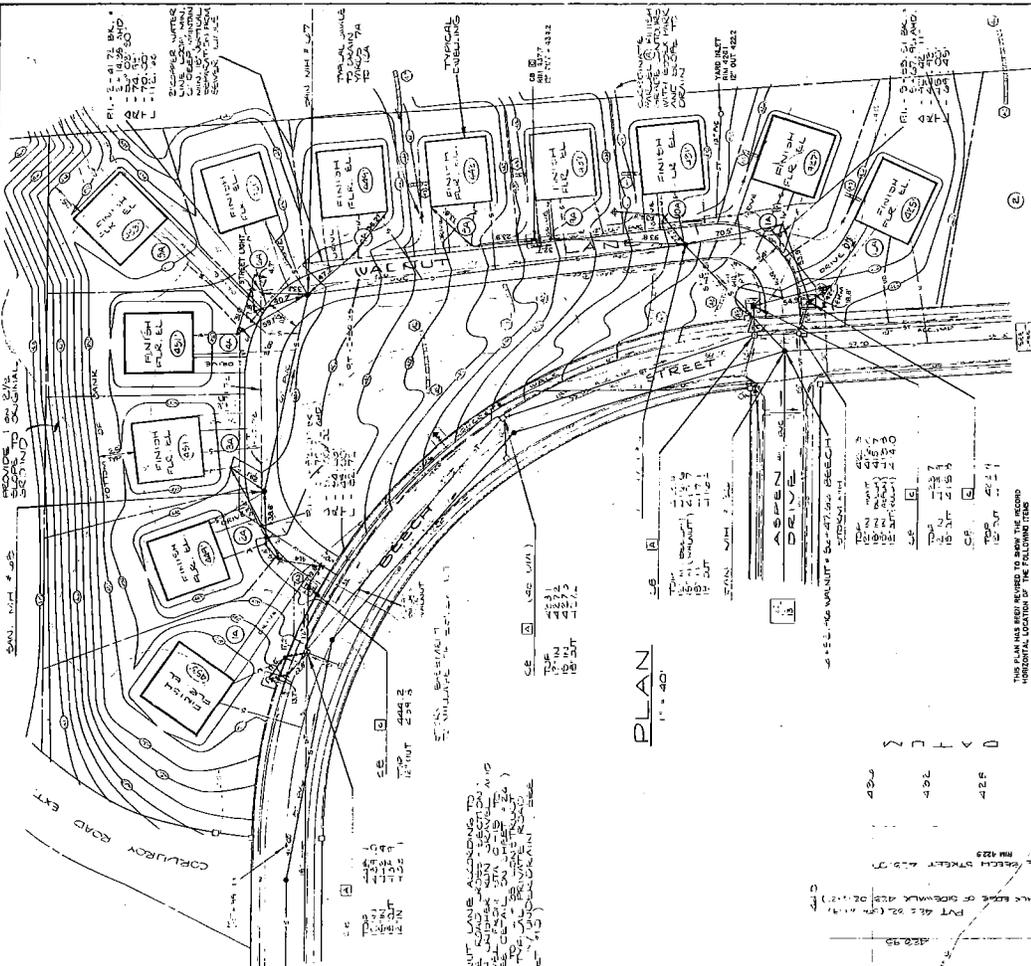
1. Stormwater System Name: Countryside Cluster Homes Parcel A - Walnut Ln
2. Location: Walnut Ln Essex Junction, VT 05457
3. Stormwater Permit Number: Apportion of Expired Permit 7-0389
4. Current Permit Status: (Issued, Expired, Title 3) Expired and NOT under Municipal Ownership
5. Narrative Describing the Stormwater System:
Catch Basins and Road underdrains
The discharge is to the municipal
Stormwater system
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
 - Countryside Cluster Homes Parcel A - Ownership
 - Plan/Profile Parcel A Walnut Ln
8. Proof of Legal Responsibility (list and attach):
Type II Private Infrastructure Agreements
Pending

CATCH DESIGN

STONING MARIANO



Countryside Cluster Homes Parcel A ownership



DATE	11/14/20
SCALE	AS SHOWN
PROJECT	ESSEX JUNCTION, VERMONT
CLIENT	LANOUREUX
DESIGNER	ESSEX JUNCTION, VERMONT 05452
CONTRACT NO.	1802 878-4456
PROJECT NO.	11

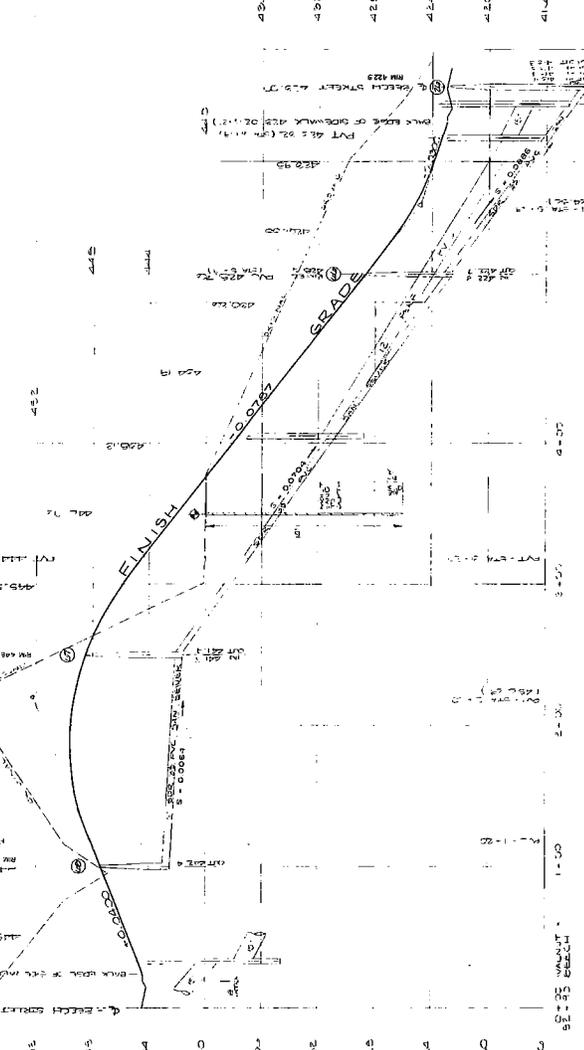


PLAN and PROFILE
Parcel A / Walnut Lane

RECORD DRAWING:
THE WATER, SEWER AND DRAINAGE LINES AND APPURTENANCES SHOWN ON THIS DRAWING ARE THE RESULT OF FIELD SURVEY AND AS OBSERVED BY THIS OFFICE DURING SPREADING SITE VISITS AND CONSTRUCTION OF THE PROJECT.

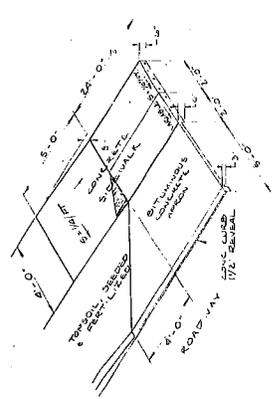
DATE: 11/14/20

PLAN
1" = 40'



PROFILE
1" = 40' HORIZ.
1" = 5' VERT.

NOTE:
1. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE FINISH GRADE AND APPURTENANCES SHOWN ON THIS DRAWING AND SHALL BE RESPONSIBLE FOR ANY CORRECTIONS NECESSARY TO CONFORM TO THE SPECIFICATIONS FOUND ON SHEET 1802 878-4456.



TYPICAL DEPRESSED SIDEWALK ACROSS CLUSTER DRIVE ENTRANCE

NOTES:
1. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF THE FINISH GRADE AND APPURTENANCES SHOWN ON THIS DRAWING AND SHALL BE RESPONSIBLE FOR ANY CORRECTIONS NECESSARY TO CONFORM TO THE SPECIFICATIONS FOUND ON SHEET 1802 878-4456.

THIS PLAN HAS BEEN REVISED
HORIZONTAL LOCATION OF THE FOLLOWING ITEMS

WATER: GATE VALVES
CURBSTOPS
HYDRANTS

SEWER: GRADES
MANHOLES WITH RIM & INVERT ELEVATIONS
SERVICES

STORM: GRADES
UD SERVICES
CATCH BASINS & MANHOLES WITH RIM &
INVERT ELEVATIONS
METAL END SECTIONS WITH INVERT ELEVATIONS

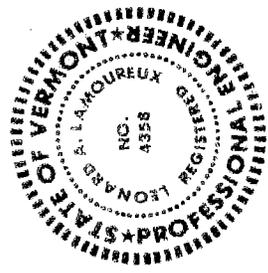
OTHER: STREET LIGHTS

RECORD DRAWING:

WATER, SEWER AND DRAINAGE LINES AND APPURTENANCES
ARE INSTALLED AS NOTED ON THIS PLAN SUBSTANTIALLY IN
ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AS
SERVED BY THIS OFFICE DURING SPORADIC SITE VISITS AND
FIELD LOCATION SURVEYS.

Leonard A. Lamoureux
DATE 11/3/80

LEONARD A. LAMOUREUX, P.E.



10-3-90	ADDED TIES AND REMAINING RECORD INFO.	KAS
DATE	REVISION	BY
4.15.88	AS-BUILTS - WATER/LINDER DRAINS/SEWER	DJG
date	REVISION	PROJ. no.
4.26.88	REVISED AS PER PARCEL (A) REDESIGN	8571
<p>COUNTRYSIDE ESSEX JUNCTION, VERMONT</p> <p>PLAN and PROFILE Parcel A / Walnut Lane</p>		SURVEY F-L/DLL design DJG drawn HLS checked DJG/LAL date 6/10/86 scale AS SHOWN dwg. no. 11
<p>LAMOUREUX 14 Morse Drive Essex Junction, Vermont 05452 (802) 878-4450</p> <p>Consulting Engineer and Land Surveyor</p>		

R.I. - 2 + 41.72 E
 E + 14.95 A
 Δ - 86° 03' 50"
 R - 74.98'
 T - 70.00'
 L - 112.68'

2" COPPER W
 LINE LOOP
 6" DEEP, MIN.
 MIN. 18" JER
 SEPARATION
 SEWER, LIT

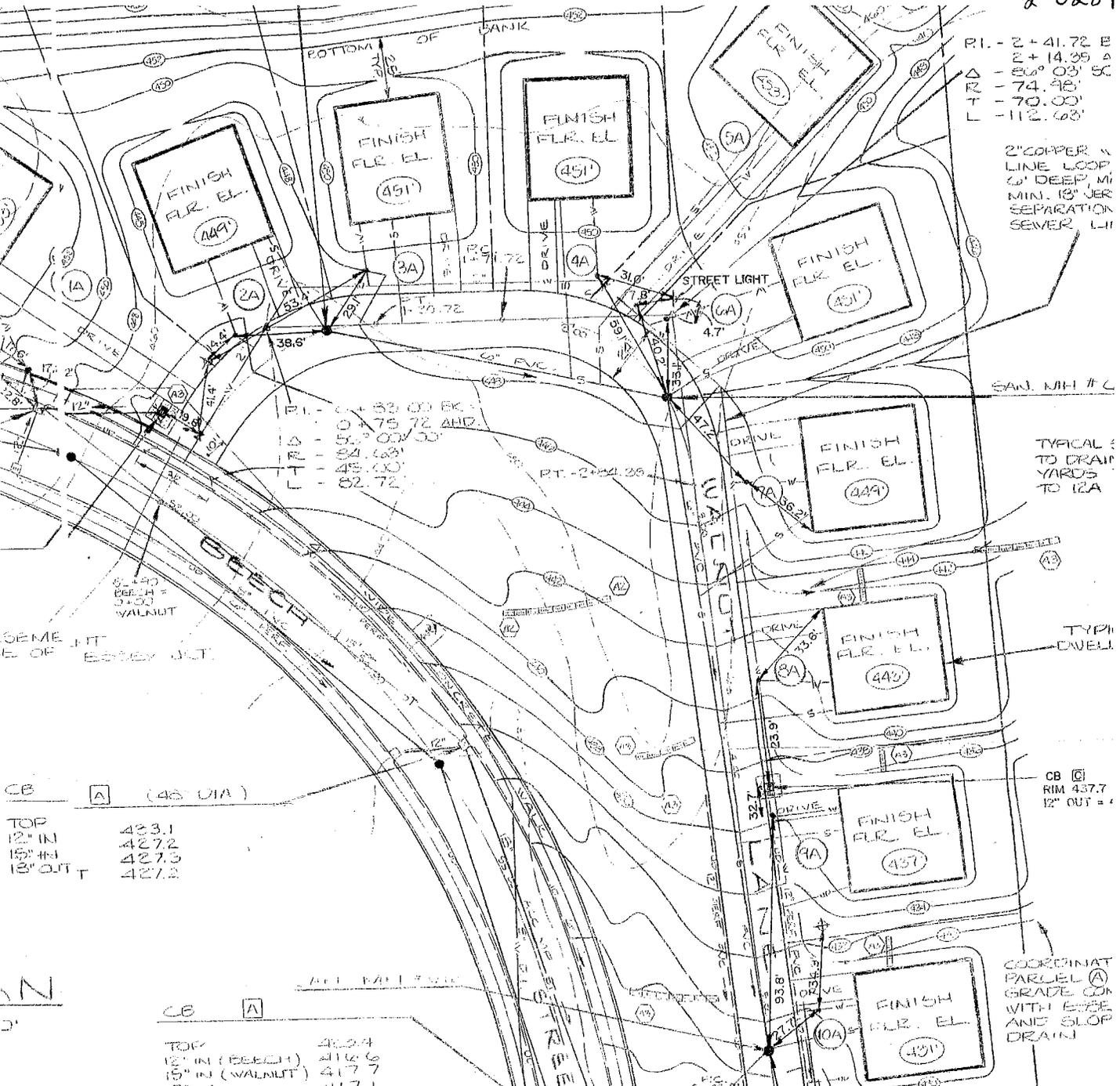
TYPICAL :
 TO DRAIN
 YARDS
 TO 12A

TYPICAL DWELL

CB [C]
 RIM 437.7
 12" OUT =

COORDINAT
 PARCEL (A)
 GRADE CON
 WITH EDGE
 AND SLOP
 DRAIN

TARD IIR
 RIM 426
 12" OUT



R.I. - 0 + 53.00 BK
 O + 75.72 AND
 R Δ - 50° 00' 00"
 R L - 94.68'
 T L - 45.00'
 L - 52.72'

CB [A] (45 DIA)
 TOP 423.1
 12" IN 427.2
 15" IN 427.3
 18" OUT 427.2

CB [A]
 TOP 420.4
 12" IN (BEECH) 416.6
 15" IN (WALNUT) 417.7
 18" IN 417.1

SAN MH # 26

SEE SHEET 13

ASPEN DRIVE

60 + 52.96 WALNUT = 56 + 47.60 BEECH
 STORM MH

TOP 422.3
 12" IN WALNUT 416.2
 15" IN (BEECH) 415.7
 15" IN ASPEN 413.8
 18" OUT (BEECH) 414.0

CB [C]

TOP 426.7
 12" IN 418.1
 18" OUT 418.3

CB [C]

TOP 422.4
 12" IN 417.1

R.I. - 5 + 60.1
 E + 67.4
 Δ - 42° 42'
 R - 42.98'
 T - 45.00'
 L - 69.45'

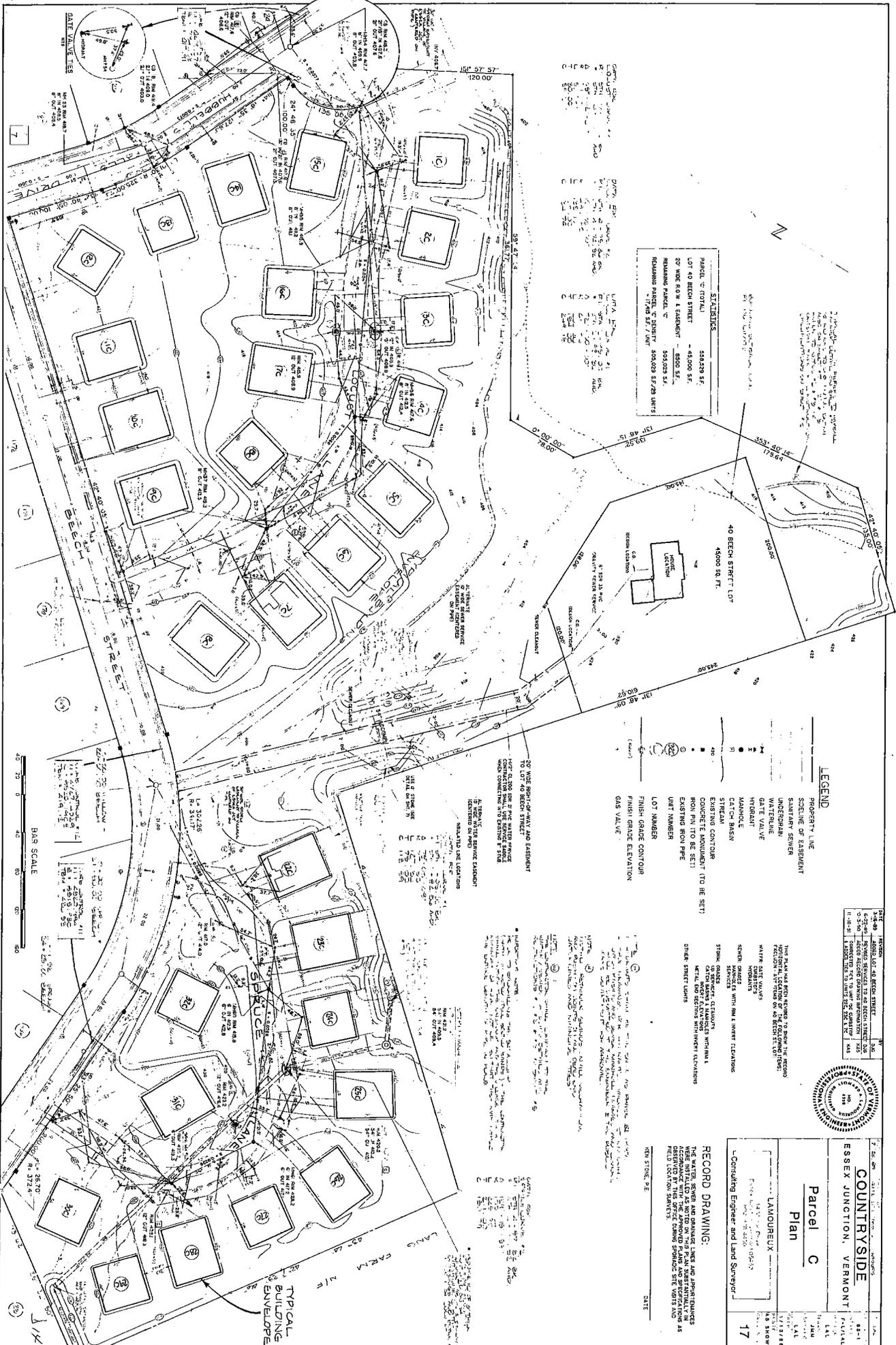
N

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Countryside Cluster Homes - Parcel C - Locust Lane
2. Location: Locust Lane, Essex Junction, VT 05452
3. Stormwater Permit Number: A portion of Expired Permit 2-0289
4. Current Permit Status: (Issued, Expired, Title 3) Expired and Not under Municipal Ownership
5. Narrative Describing the Stormwater System:
Conventional catchbasins and road under drain
collection with discharge to the municipal
stormwater system
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
1) Countryside Cluster Homes Association Parcel C Ownership
Phase VII
8. Proof of Legal Responsibility (list and attach):

Type II agreement Pending



STATISTICS

PANEL TOTAL	58429 SF.
LOT 40 BEECH STREET	45,000 SF.
20' WIDE ROW EASEMENT	8500 SF.
REMAINING PARCEL TOTAL	50,000 SF.
REMAINING PARCEL TOTAL	250,000 SF. (25 UNITS)

LEGEND

- PROPERTY LINE
- SCHEME OF EASEMENT
- SANITARY SEWER
- UNDERSEWER
- WATERLINE
- GATE VALVE
- WATER TOWER
- WATER METER
- CATCH BASIN
- STREAM
- EXISTING CONTOUR
- CONCRETE MONUMENT (TO BE SET)
- IRON PIN TO BE SET
- EXISTING IRON PIPE
- UNIT NUMBER
- LOT NUMBER
- FINISH GRADE CONTOUR
- GAS VALVE

THIS PLAN HAS BEEN REVIEWED TO SHOW THE APPROXIMATE LOCATION OF THE FOLLOWING ITEMS:

- WATER SERVICES
- WATER TOWER
- WATER METER
- WATER MAIN
- SEWER SERVICES
- SEWER MANHOLE WITH IN-LINE TRENCH SERVICES
- CONCRETE MONUMENTS
- IRON PIN LOCATIONS
- WATER AND SEWER MAINS
- OTHER STREET LIGHTS



COUNTRYSIDE
ESSEX JUNCTION, VERMONT
Parcel C
Plan

LAMOREUX
 Consulting Engineer and Land Surveyor

DATE: 1/17/88

RECORD DRAWING:
 THE WATER, SEWER AND DRAINAGE LINES AND APRON DRAINAGE ARE SHOWN IN THIS DRAWING. THE APPROVED PLANS AND SPECIFICATIONS AS FILED IN THE RECORD DRAWINGS SHALL BE THE BASIS FOR CONSTRUCTION. THE FIELD LOCATION SHOWN SHALL BE THE BASIS FOR CONSTRUCTION.

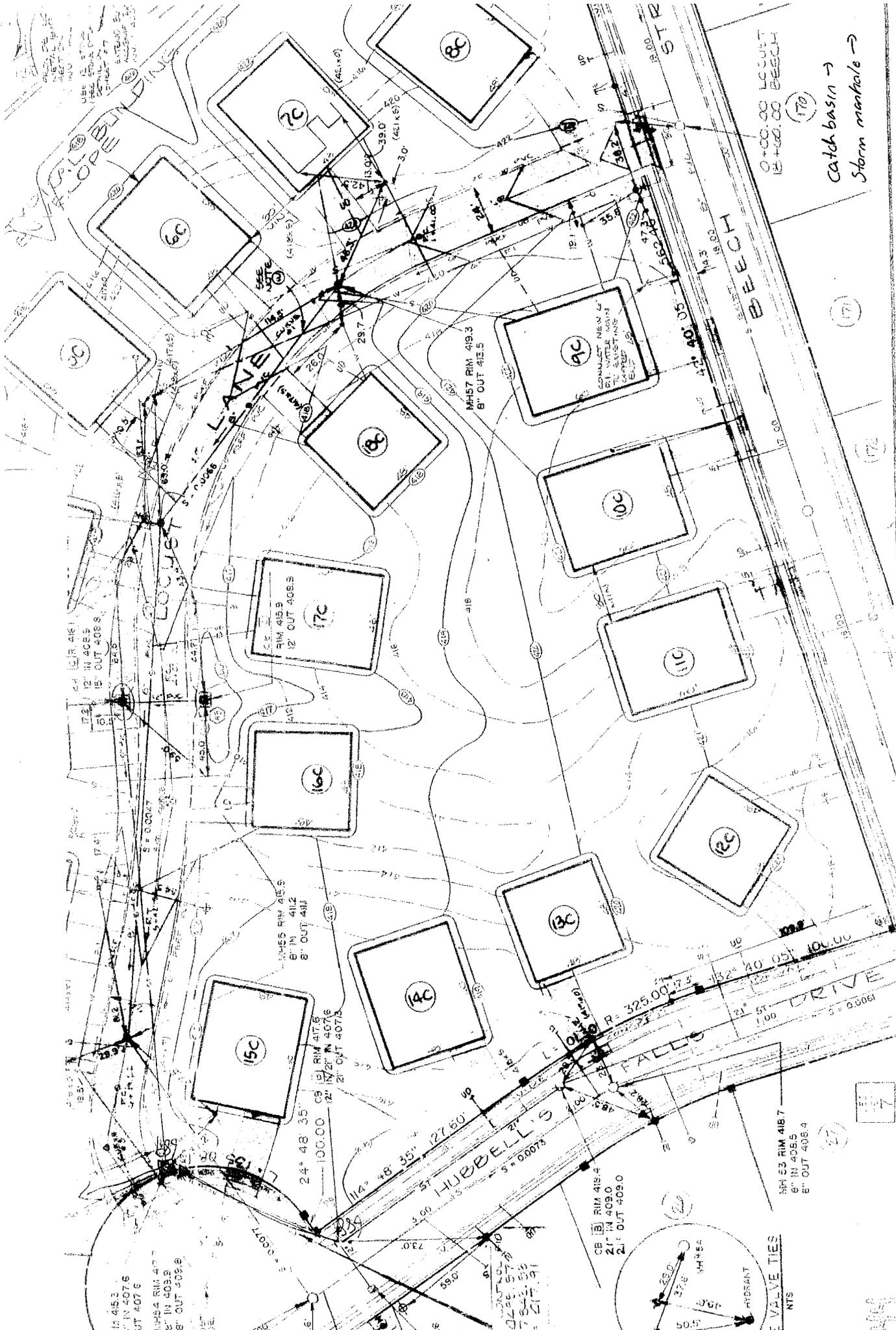
20' WIDE RIGHT-OF-WAY AND EASEMENT TO LOT 40 BEECH STREET. HEIGHT 10.00' TO THE FINISH GRADE WHICH CONNECTS TO THE EXISTING UTILITY.

NOTES:
 1. THE PROPERTY LINE IS SHOWN BY A DOTTED LINE.
 2. THE CONCRETE MONUMENTS AND IRON PINS TO BE SET ARE SHOWN BY A DOTTED LINE.
 3. THE FINISH GRADE CONTOUR IS SHOWN BY A DOTTED LINE.
 4. THE EXISTING CONTOUR IS SHOWN BY A DOTTED LINE.
 5. THE WATER AND SEWER MAINS ARE SHOWN BY A DOTTED LINE.
 6. THE WATER TOWER AND WATER METER ARE SHOWN BY A DOTTED LINE.
 7. THE SEWER MANHOLE WITH IN-LINE TRENCH SERVICES ARE SHOWN BY A DOTTED LINE.
 8. THE CONCRETE MONUMENTS AND IRON PINS TO BE SET ARE SHOWN BY A DOTTED LINE.
 9. THE FINISH GRADE CONTOUR IS SHOWN BY A DOTTED LINE.
 10. THE EXISTING CONTOUR IS SHOWN BY A DOTTED LINE.

GRAPHIC SCALE
 0 20 40 60 80 100

BAR SCALE
 0 20 40 60 80 100

TYPICAL BUILDING ENVELOPE

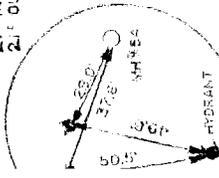


Catch basin →
Storm manhole →

0+00.00 LOCUT
12+00.00 BEECH

18" RIM 418.7
6" IN 409.5
6" OUT 408.4

VALVE TIES
NTS



MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Countryside Cluster Homes Parcel C Spruce Lane
2. Location: Spruce Lane, Essex Junction VT 05452
3. Stormwater Permit Number: This parcel is a portion of Expired Permit 2-0289
4. Current Permit Status: (Issued, Expired, Title 3) Expired and Not under Municipal Ownership
5. Narrative Describing the Stormwater System:
Conventional Catch basins and road underdrains
The Discharge is to The Municipal Stormwater System
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
 - Spruce Lane Countryside Cluster Homes Association Parcel C
 - Spruce Lane also known as Countryside Phase VII
8. Proof of Legal Responsibility (list and attach):
Type II Agreement Pending

COUNTRYSIDE
ESSEX JUNCTION, VERMONT

Parcel C
Plan

LAMOREUX
 Consulting Engineer and Land Surveyor

17



RECORD DRAWING:
 THE WATER, SEWER AND DRAINAGE LINES AND APPURTENANCES SHOWN ON THIS PLAN SHALL BE CONSIDERED TO BE THE APPROVED PLANS AND SPECIFICATIONS AS PERMITTED BY THE LOCAL OFFICIALS. THE ENGINEER'S RESPONSIBILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE SYSTEMS SHOWN ON THIS PLAN. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE SURVEY DATA OR THE RESULTS OF THE SURVEY. THE ENGINEER'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE SYSTEMS SHOWN ON THIS PLAN.

DATE _____

LEGEND

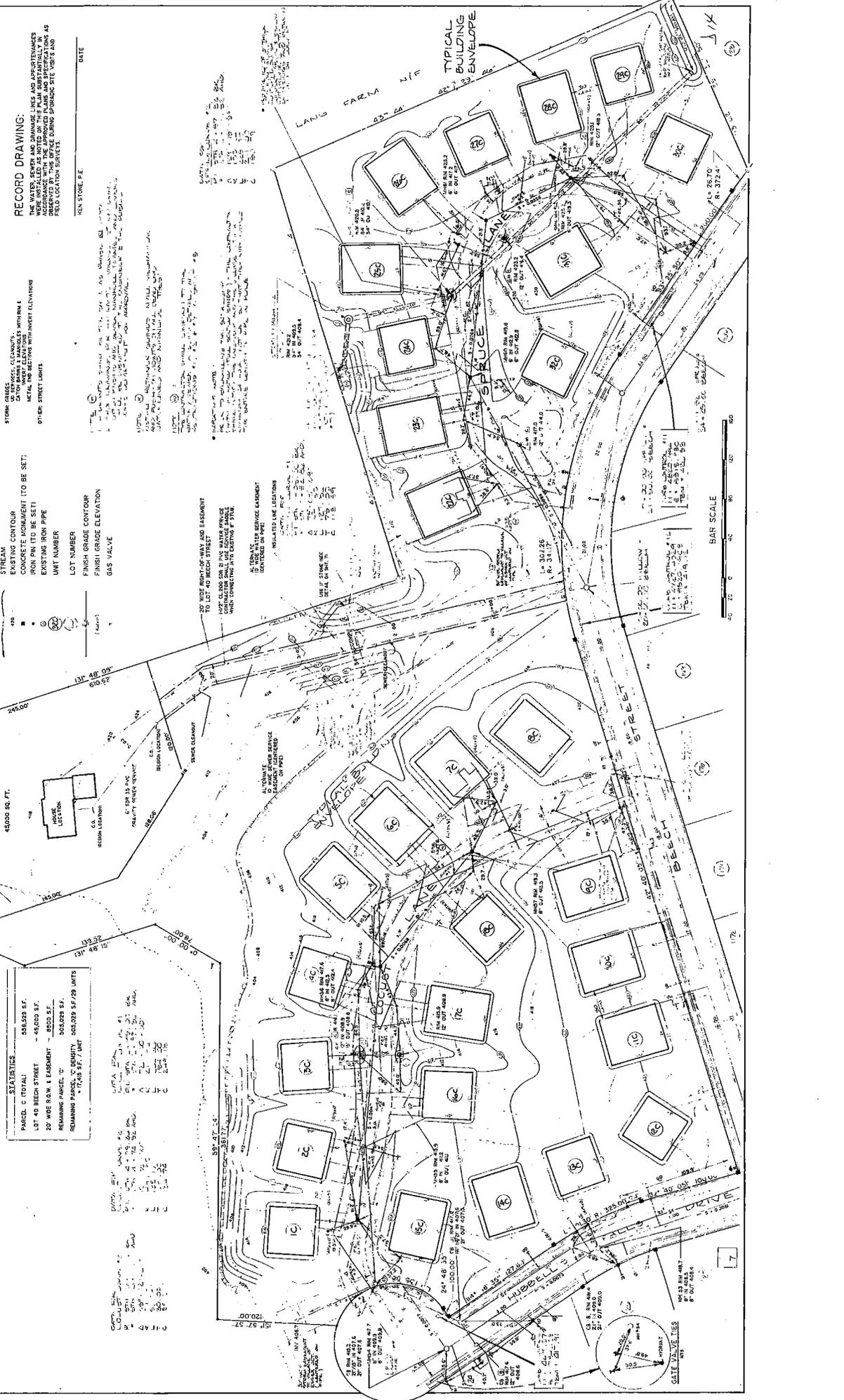
PROPERTY LINE
 SIDELINE OF EASEMENT
 SANITARY SEWER
 UNDERDRAIN
 WATERLINE
 FIRE VALVE
 HYDRANT
 MANHOLE
 CATCH BASIN
 STREAM
 EXISTING CONTOUR
 CONCRETE MONUMENT (TO BE SET)
 IRON PIN (TO BE SET)
 EXISTING IRON PIPE
 UNIT NUMBER
 LOT NUMBER
 FINISH GRADE CONTOUR
 FINISH GRADE ELEVATION
 GAS VALVE

THIS PLAN HAS BEEN REVIEWED TO SHOW THE RECORD SERVICE LINES TO BE LOCATED IN THE FOLLOWING ITEMS:
 WATER, GAS, SANITARY SEWER, UNDERDRAIN, CATCH BASIN, MANHOLE, HYDRANT, FIRE VALVE, IRON PIPE, CONCRETE MONUMENT, IRON PIN, EXISTING IRON PIPE, UNIT NUMBER, LOT NUMBER, FINISH GRADE CONTOUR, FINISH GRADE ELEVATION, GAS VALVE.

STATISTICS

PARCEL C TOTAL 558,289 SF.
 LOT 40 BEECH STREET 45,000 SF.
 20' WIDE R.O.W. & EASEMENT 800 SF.
 REMAINING PARCEL C 512,489 SF.
 REMAINING PARCEL C DENSITY 50.0000 SF/79 UNITS

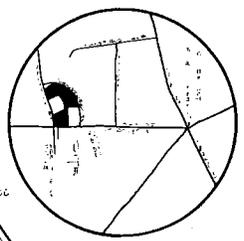
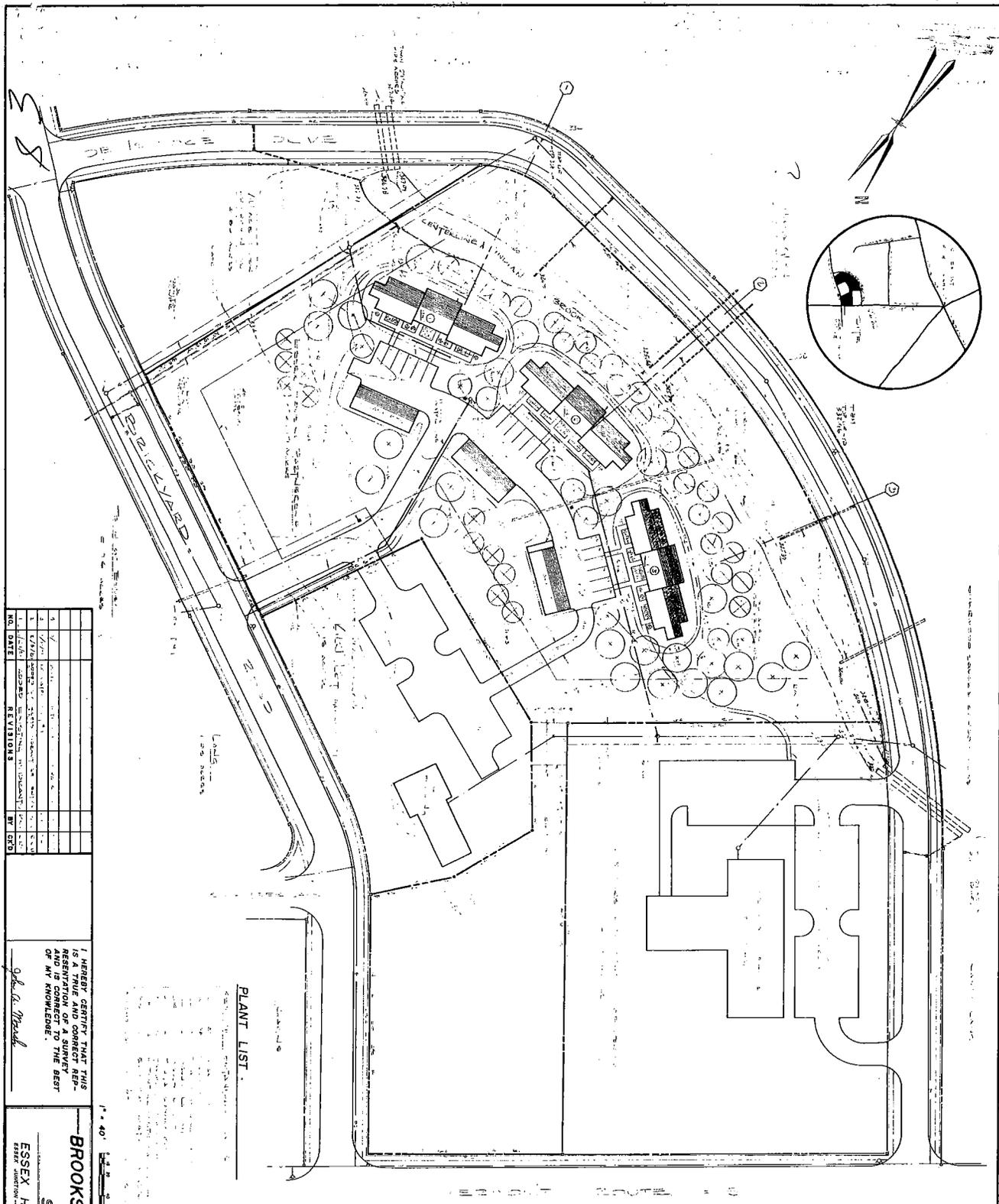
DATE: 11/14/17
 DRAWN BY: [Name]
 CHECKED BY: [Name]



MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Brookside Condominiums
2. Location: Brickyard Road Essex Junction VT 05452
3. Stormwater Permit Number: 2-0961
4. Current Permit Status: (Issued, Expired, Title 3) Expired
5. Narrative Describing the Stormwater System:
Overland flow/Sheeting of
Rainwater and snow melt
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
8. Proof of Legal Responsibility (list and attach):
Type II Agreement Pending



NO.	DATE	REVISIONS	BY	CHKD
1	12/10/00	ISSUE FOR PERMITS	W. D. D.	
2				
3				
4				
5				
6				
7				
8				
9				
10				

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT REPRESENTATION OF MY KNOWLEDGE.

John A. Marshall

PLANT LIST

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...
8. ...
9. ...
10. ...

BROOKSIDE CONDOMINIUMS
SITE PLAN
 ESSEX HOUSING PARTNERSHIP
 12/10/00
 1" = 40'
 1218
 RONALD R. O'BRYEN
 1 OF 1

APPROVED
 Date: 12/10/00
John A. Marshall
 Essex Housing Partnership
 1218
 1 OF 1



NOTES

1. ...
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LEGEND

1. ...
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REFERENCE PLANS

1. ...
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SWMP Appendix B: Expired State Stormwater Permit**Permits Currently under MS4 jurisdiction**

Permit Number	Project Name	Compliance Action
1-0236	Brickyard Road	MS4 Incorporated
1-0953	Drury Drive & Meadow Village	MS4 Incorporated as 4128-INDO
1-1074	Countryside II-Fairview Farms	MS4 Incorporated
2-0769	Athens Drive	MS4 Incorporated
2-0855	Village Knoll-Briar Lane	MS4 Incorporated
2-1103	Pleasant Street & East Street	MS4 Incorporated
2-0187	Grove Street, Central Street, North Street	MS4 Incorporated as 4989-INDO
2-0289	Countryside in the Village	MS4 Incorporated with portions under Type II Storm Water Agreement

Other Permits brought into Compliance

Permit Number	Project Name	Compliance Action
2-0961	Essex Park Phase 2: East	Type II Storm Water System Agreement pending
2-0961	Essex Park Phase 2: West	Type II Storm Water System Agreement signed
2-0835	Village Glen	Type II Storm Water System Agreement pending
2-0835	Village Glen East	Type II Storm Water System Agreement pending
2-0952	Essex Park: East Creek	Type II Storm Water System Agreement pending
2-0925	Essex Park: North Creek	Project in Indian Brook Flow Restoration Plan pending
2-0925	Essex Park: South Creek	Project in Indian Brook Flow Restoration Plan pending
1-0771	Champlain Valley Exposition	Lamoureaux & Dickinson submitting compliance package
1-1409.002	Champlain Valley Exposition	Lamoureaux & Dickinson submitting compliance package
2-0289	Countryside Parcel B: Chestnut Lane	Type II Storm Water System Agreement signed
2-0289	Countryside Parcel A: Walnut Lane	Type II Storm Water System Agreement pending
2-0289	Countryside Parcel C: Locust Lane	Type II Storm Water System Agreement pending
2-0289	Countryside Parcel C: Spruce Lane	Type II Storm Water System Agreement pending
2-0961	Brookside Condominiums	Type II Storm Water System Agreement pending

Title III Permits

Permit Number	Project Name	Compliance Action
1-1527.011	Highland Village	Title III

Expired State Stormwater Permits:

Permits Currently under MS4 Jurisdiction

September 30, 2016

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Countryside In The Village / Essex Park
2. Location: Brickyard Rd,
3. Stormwater Permit Number: 1-0236 umbrella permit
4. Current Permit Status: (Issued, Expired, Title 3) Expired -> portions
5. Narrative Describing the Stormwater System:
Brickyard Rd - conventional stormwater conveyance system under municipal ownership as part MS4 infrastructure. Portions permit superseded 2-0961, 2-0835, 2-0952 not under municipal ownership
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
N/A see permit 2-0961, 2-0834, 2-0952 for reference to site plans
8. Proof of Legal Responsibility (list and attach):
Brickyard Rd original umbrella permit 1-0236 consist of municipal infrastructure under municipal control & ownership

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Dairy Drive, Meadow Terrace
2. Location: Essex Junction VT 05452
3. Stormwater Permit Number: 1-0953 Now known As 4128-INDO
4. Current Permit Status: (Issued, Expired, Title 3) Expired - Repermitted
5. Narrative Describing the Stormwater System:
The Expired permit was addressed
under current permit 4128 INDO
known as the Brookside Offset Project
The Permittee is the Village of Essex Junction
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
N/A
8. Proof of Legal Responsibility (list and attach):
Under Municipal Control and Ownership
By Permit

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Countryside II
2. Location: Fairview Drive, Juniper Ridge Rd, Hawthorne Circle, Sycamore Ln
3. Stormwater Permit Number: 1-1074
4. Current Permit Status: (Issued, Expired, Title 3) Expired - portion of Area Improved - Hawthorne Circle Stormwater Pond
5. Narrative Describing the Stormwater System:
Conventional Stormwater Conveyance System Hawthorne Circle Catchment Area was improved by conversion to a wet pond with vortechs pre treatment
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
N/A
8. Proof of Legal Responsibility (list and attach):
Under Municipal Control and Ownership

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

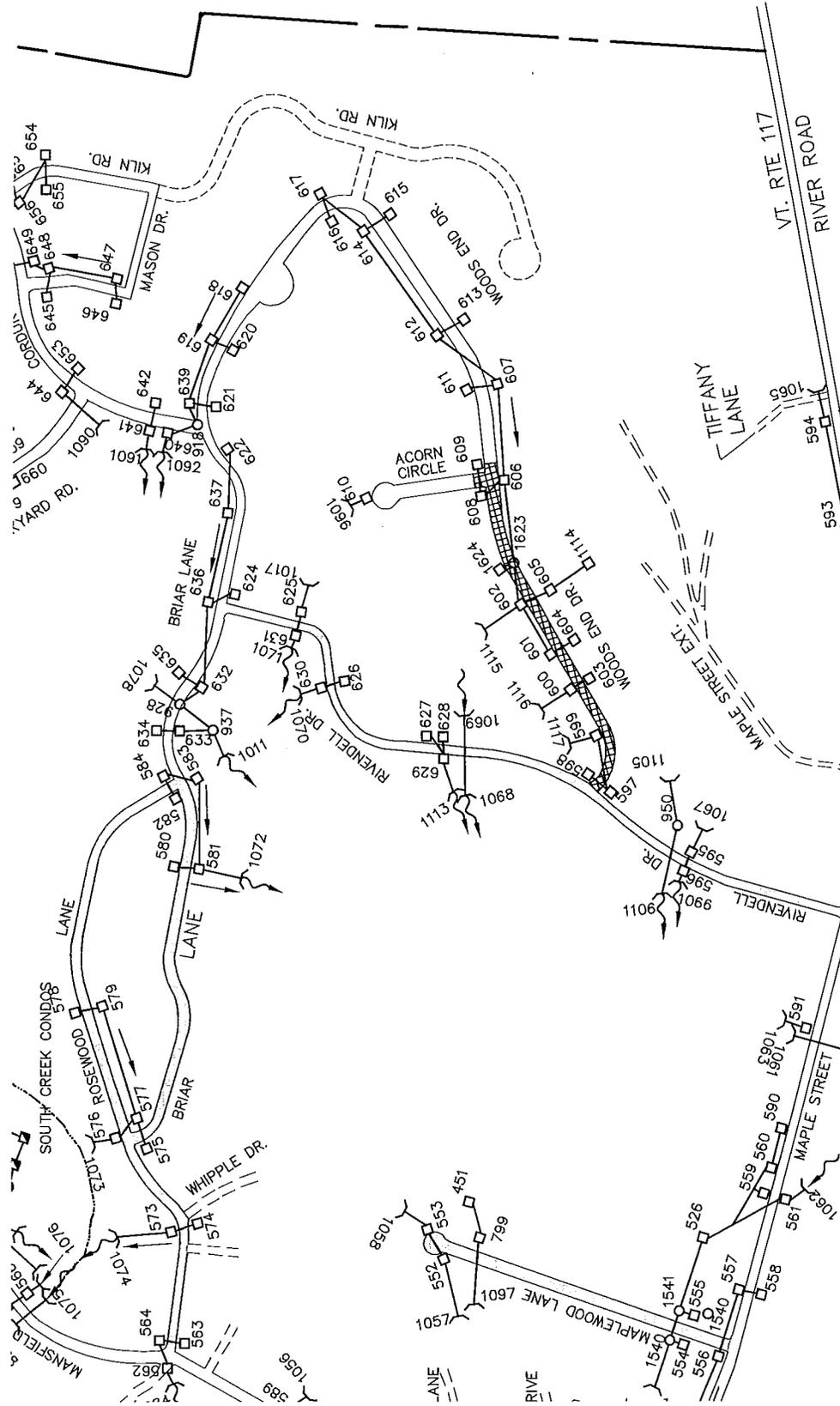
1. Stormwater System Name: Athens Drive
2. Location: Athens Drive Essex Junction VT 05452
3. Stormwater Permit Number: 2-0769
4. Current Permit Status: (Issued, Expired, Title 3) Expired
5. Narrative Describing the Stormwater System:
Conventional Stormwater Conveyance
System under Municipal Ownership
as part of The MS4 Infrastructure
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
N/A
8. Proof of Legal Responsibility (list and attach):
Under Municipal Control and Ownership

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Village Knoll
2. Location: Briar Lane Essex Junction VT 05452
3. Stormwater Permit Number: 2-0855
4. Current Permit Status: (Issued, Expired, Title 3) Expired Under Municipal Ownership
5. Narrative Describing the Stormwater System:
Conventional Stormwater-Conveyance
System under Municipal Ownership
as part of The MS4 Infrastructure
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
N/A
8. Proof of Legal Responsibility (list and attach):
under Municipal Control As infrastructure
accepted as public Roadways and Water,
Sewer and Stormwater Infrastructure

Village Knoll 2-0855



MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Pleasant St / East Streets

2. Location: Essex Junction VT 05452

3. Stormwater Permit Number: 2-1103

4. Current Permit Status: (Issued, Expired, Title 3) Expired

5. Narrative Describing the Stormwater System:

Conventional Stormwater Conveyance
System under Municipal Ownership
as part of the MS4 Infrastructure

6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date: _____
- Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____

7. Plans (for expired permits, list plan numbers and attach):

N/A

8. Proof of Legal Responsibility (list and attach):

Under Municipal Control and ownership

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Grove/North Streets
2. Location: Essex Junction VT 05452
3. Stormwater Permit Number: 2-0187 Now known as 4989 INDO
4. Current Permit Status: (Issued, Expired, Title 3) expired Re Permitted
5. Narrative Describing the Stormwater System:
The Expired Permit was Addressed
under the Current Permit 4989-INDO
known as Five Corners North
Permittee is the Village of Essex Junction
6. Current Compliance Status:
 - Compliant with previously issued state permit
 - Planned compliance within 24 mos; Estimated Compliance Date: _____
 - Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
 - Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____
7. Plans (for expired permits, list plan numbers and attach):
N/A
8. Proof of Legal Responsibility (list and attach):
Under Municipal Control and Ownership
by Permit

MS4 Incorporation Form for State Issued Stormwater Permits

Please complete this form for each previously issued state stormwater permit that the MS4 plans to incorporate into the MS4 authorization. The stormwater management practices associated with the permit listed below shall be listed in the MS4's Stormwater Management Program (SWMP) under Minimum Control Measure 5, Post-Construction Stormwater Management.

1. Stormwater System Name: Countryside In The Village

2. Location: Brickyard Road

3. Stormwater Permit Number: 2-0289

4. Current Permit Status: (Issued, Expired, Title 3) Expired

5. Narrative Describing the Stormwater System:
NOW known AS Essex Park East and West

****** See Essex Park West AND East MS4
Incorporation Forms

6. Current Compliance Status:

- Compliant with previously issued state permit
- Planned compliance within 24 mos; Estimated Compliance Date: _____
- Not constructed – plan for construction as part of FRP; Estimated construction schedule: _____
- Substantially deteriorated – plan for construction as part of FRP; Estimated construction schedule: _____

7. Plans (for expired permits, list plan numbers and attach):

****** Essex Park Phase 2
-provided electronically on CD

8. Proof of Legal Responsibility (list and attach):

Chelsea Mandigo

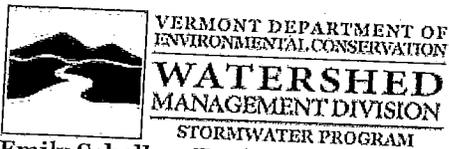
From: Schelley, Emily <Emily.Schelley@vermont.gov>
Sent: Monday, August 31, 2015 4:57 PM
To: Chelsea Mandigo
Subject: RE: drawings on record for permit 2-0317?
Attachments: 2-0317_plan.JPG; Essex_Park_Permits.jpg

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Chelsea,

Unfortunately, I don't have many plans for this area. Back when we had paper files, I think a number of the permits in this area were lumped into one folder, so it is unclear what belonged to what. I have attached the site plan for 2-0317, which I think is for the correct area. It appears that the "pond" in the back was also designed to receive some runoff from 2-0289 for Countryside in the Village. For clarification, 2-0952 covers phase I of Essex Park, whereas 2-0317 was for phase II. I have attached a map I drew up with my understanding of the areas that each permit covers. I could not find any plans for 2-0952 in our files. There was reference to a sand filter, which I am not sure if it was ever built, or perhaps it failed as many sand filters of that area did. I believe it was supposed to generally located where the "Brickyard Court" concept BMP was designed for.

Let me know if you need more help figuring things out.



VERMONT DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
WATERSHED
MANAGEMENT DIVISION
STORMWATER PROGRAM

Emily Schelley, *Environmental Analyst, Stormwater Section*
1 National Life Drive, Main 2
Montpelier, VT 05620-3522
802-490-6172 / Emily.Schelley@vermont.gov
www.watershedmanagement.vt.gov

From: Chelsea Mandigo [mailto:Chelsea@essexjunction.org]
Sent: Monday, August 31, 2015 11:57 AM
To: Schelley, Emily
cc: Jim Jutras
Subject: drawings on record for permit 2-0317?

Hi Emily,

I and I are trying to wrap up some of the expired permits for the deadline coming up. We are having difficulty finding the drawings that would have been submitted as part of the permit application. Do you have anything on record regarding maps/plans for Permit number 2-0317 also known as 2-0952 Essex Housing Partnership: North, South and East streets? If not do you any suggestions as to where to look? We have nothing on file in our records relating to stormwater infrastructure.

Thanks,

Chelsea

TOWN OF ESSEX SELECTBOARD CHANGES TO TITLE 10.20, STORM WATER ORDINANCE

The Selectboard of the Town of Essex hereby ordains that the following changes be made to the Municipal Ordinance, Title 10.20, Storm Water Ordinance. Added material is underlined, with the exception that entire added chapter sub-sections shall be noted in the heading as "**added in entirety**". Deleted material is in brackets and struck through.

Add the following to Section 10.20.015, Definitions:

Added in Entirety:

"Authorization to Discharge Permits" means permits issued by the State of Vermont to discharge storm water into receiving water bodies, which may or may not be valid permits at time of adoption of Section 10.20.090 of this Ordinance.

"Expired storm water permits" means storm water permits previously issued by the State of Vermont that are no longer current.

"Flow Restoration Plan (s)" means a stream flow plan required by the State of Vermont designed to implement storm water runoff controls producing runoff characteristics that return stream flows to compliant, stable flow conditions as required to meet the water-quality based TMDL requirements for a particular impaired waterway.

"Impaired waterways" means rivers, lakes, or streams that do not meet one or more water-quality standards, and therefore are considered too polluted for their intended uses.

"Non-impaired waterways" means rivers, lakes, or streams that currently meet the designated water-quality standards for the water body.

"Non-public contributing storm water permittee" means a current storm water permit holder, including homeowner associations and any successors or assigns, of either a valid or expired storm water permit that is not a public entity.

"Non-public storm water infrastructure" means storm water infrastructure not owned, operated or maintained by the Town.

"Private (storm water) system owner" means the non-public owner of a storm water system, including homeowner associations and any successors or assigns, consisting of, but not limited to, culverts, pipes, catch basins, treatment ponds, treatment devices, and/or storm water infiltration systems.

"Public storm water infrastructure" means storm water infrastructure such as, but not limited to, culverts, pipes, catch basins, treatment ponds, treatment devices, and/or storm water infiltration systems, all of which is under Town ownership or within Town

easements, and which infrastructure has been accepted by the Town as a component of the Town storm water system or systems.

“Residual Designation Authority (RDA)” means the authority granted to the United States Environmental Protection Agency and delegated to the State of Vermont to issue a permit directly to a party or parties discharging storm water to a water body where a TMDL supports such a determination and where discharges are contributing to water quality violations.

“Shared storm water system” means a storm water system such as, but not limited to, culverts, pipes, catch basins, treatment ponds, treatment devices, and/or storm water infiltration systems which consist of both public and non-public storm water infrastructure.

“Unpermitted (storm water) discharges” means a system discharging storm water to a stream or watercourse that has never been issued any type of authorization to discharge storm water by either the Town or the State of Vermont.

“Valid storm water system” means a system which has been issued a storm water permit by the Town or the State of Vermont that is current with respect to the issuance and expiration dates of the permit.

Revise Section 10.20.090 to delete reference to (~~Riparian Buffer Zones (Reserved for Future)~~ and rename): Establishment and Transfer of Responsibility for State of Vermont issued Department of Environmental Conservation Authorization to Discharge Permits under General Storm Water Permits and for Unpermitted Discharges to Impaired Waterways within the Town of Essex, Inclusive of the Village of Essex Junction

Add Section 10.20.90: (added in entirety):

10.20.090 Establishment and Transfer of Responsibility for State of Vermont issued Department of Environmental Conservation Authorization to Discharge Permits under General Storm Water Permits and for Unpermitted Discharges to Impaired Waterways within the Town of Essex, Inclusive of the Village of Essex Junction (the “Town”) to NPDES MS4 General Permit 3-9014.

A. The Vermont Agency of Natural Resources Department of Environmental Conservation (“DEC”) issues Authorization to Discharge Permits under General Permits for area or site-specific storm water discharges to applicants, including municipalities, private parties, and shared storm water systems involving both privately-owned and publicly-owned components.

B. Valid storm water system discharge permits have been issued by the DEC for projects in the non-impaired and impaired waterways within the Town, and the Town has either accepted full responsibility for such permits in these waterways or shared permit responsibility based upon the percentage of impervious area contributed by the

publicly-owned component of the system in comparison to the impervious area contributed by the privately-owned component.

C. As of the adoption of this Ordinance, valid storm water system discharge permits have not been issued to expired storm water permit holders in the impaired waterways due to the inability to legally authorize, under State law, renewal of the previously issued Authorization to Discharge Permits.

D. Current responsibility for previously issued expired storm water permits and valid storm water system discharge permits in the impaired watersheds in the MS4 area varies widely. In some cases, there is a well-defined chain of responsibility from the “owner” of the original permit to the current permit holder. In other cases, permit responsibility is either poorly defined or non-existent notwithstanding that permit responsibility runs with the land. Some expired and valid (permit) discharges are defined in the original permit as directly to a stream or water body; in others, they are defined as being directed to or connected into a shared storm water system.

E. Pre-existing unpermitted storm water discharges occur within the impaired and non-impaired waterways. These discharges were either never issued permits or the discharges occurred before DEC began issuing discharge permits. Pre-existing unpermitted storm water discharges into impaired waterways may obtain legal coverage under the MS4 general permit in the manner outlined in this Ordinance.

F. The Village of Essex Junction (“Village”) regulates storm water discharges through its Land Development Code. The Village intends to amend its Ordinances to incorporate the terms of this Town Ordinance, which is intended to apply to storm water discharges in the Town, inclusive of the Village. To the extent the terms of this Ordinance conflict with the Village Ordinance, the Town Ordinance governs.

G. For purposes of this Ordinance, the “appropriate legislative body” for the Town outside the Village shall be the Selectboard, and for the Village, the Board of Trustees. Either appropriate legislative body may delegate its authority under this Ordinance to an appropriate municipal panel.

10.20.091 General Approach and Purpose

A. The Town seeks to develop consistent policy and procedures for determination of storm water permit responsibility for both valid storm water system discharge permits and expired storm water permits, and to establish minimum requirements for transfer of expired and future new permit responsibility by and between the appropriate parties.

B. MS4 responsibility for operation, repair and maintenance of storm water infrastructure extends only to public storm water infrastructure and proportional shared

responsibility on shared storm water systems, and is separate and distinct from permit responsibility. The Town may accept permit responsibility if determined by the appropriate legislative body to be in the Town's best interests. Factors to be considered when determining whether acceptance of permit responsibility is in the Town's "best interests" include, but are not limited to, whether improved water quality is not otherwise obtainable without additional Town participation, potential cost savings to the Town, or provision of land or easements for treatment or storage of storm water for shared systems. The non-public contributing storm water permittee shall be responsible for the operation, maintenance, repair, replacement and upgrade of the non-public infrastructure, unless the Town determines that accepting some or all of this responsibility to be in its best interests as defined above.

10.20.092 NPDES Phase 2 MS4 Requirement for Expired Authorization to Discharge Permits

A. The Vermont Agency of Natural Resources (VANR) Authorization to Discharge Permit Number 7025-9014 issued to the Town and Authorization to Discharge Permit Number 7024-9014 issued to the Village under NPDES MS4 General Permit 3-9014 requires the Town and the Village, separately as MS4 permittees, to submit to the Secretary of VANR a plan for addressing expired storm water permits discharging to the MS4 permittee's system, which was accomplished through the proposed adoption of this Ordinance.

B. A compliance date of October 2015 is set within the Authorization to Discharge Permits for verification of the condition of all public and non-public storm water infrastructure identified in and approved under each original expired permit.

C. On expired permits within the impaired waterways or with regard to discharges that have no permits in the impaired waterways, it is the intent of the VANR to either have these permits ultimately come under the umbrella of the Town MS4 Permit or issue Residual Designation Authority (RDA) permits directly to each permittee or party responsible for the storm water discharge not covered under the MS4 umbrella permit.

10.20.093 Classification of Storm Water Systems within the Town as relates to Authorization to Discharge Permits

A. Due to the complexity and variety of existing permit "ownership" and types of permits, the Town has classified all valid storm water system discharge permits and all expired storm water permits into one of the following four types for purposes of determining permit responsibility:

1. Type 1 Storm Water System:

a. A Type 1 storm water system consists of a system of storm water infrastructure that is entirely on public land (public rights of

way, municipally-owned property or on public storm water easements) and owned by the Town, including residential subdivisions or groups of houses with no non-public storm water infrastructure, such as privately-owned catch basins or privately-owned storm water pipelines connected into storm water systems on public land (excluding private underdrain systems). For purposes of this Ordinance, a “private underdrain system” is storm water infrastructure serving individual private lots or buildings from the private lot or building to the point of interconnection with public storm water infrastructure.

b. Examples of Type 1 storm water systems include:

1) Public buildings such as municipal offices, police stations, fire stations, municipal highway garage complexes, schools or other educational facilities with no on-site storm water infrastructure (other than underdrains connected with public storm water infrastructure) which do not discharge directly into a stream, and/or similar facilities.

2) Residential subdivisions with valid or expired permits in the Town. Those residential subdivisions presently identified by the Town as meeting the Type 1 criterion are listed in Table 1 in the Appendix to this Ordinance. Table 1 may be revised by the Town, acting through its Municipal Manager or their designee(s) as such additional systems are identified.

c. Type 1 storm water systems do not include any private lot, residential subdivision or groups of housing covered under an expired storm water permit that has non-public storm water infrastructure such as catch basins and pipelines (excluding private underdrain systems) connected into public storm water infrastructure.

2. Type 2 Storm Water System:

a. A Type 2 storm water system consists of a system of storm water infrastructure that is entirely contained on private property, discharges directly or indirectly to a stream or other recognized water body and is not directly connected by piping to a Type 1 or Type 3 storm water system.

b. Examples of Type 2 of storm water systems include:

1) Private residential, commercial or industrial systems that retain all storm water flows onsite as originally designed and

have valid or expired permits for such discharge, and private residential, commercial or industrial systems that discharge some or all of their storm water flows to a stream or other recognized water body.

2) Select storm water systems in the Town. Those private residential, commercial or industrial systems presently identified by the Town as meeting the Type 2 criterion are listed in Table 1 in the Appendix to this Ordinance. Table 1 may be revised by the Town, acting through its Municipal Manager or their designee(s) as such additional systems are identified.

3. Type 3 Storm Water System:

a. A Type 3 storm water system consists of a shared storm water system covered under either valid and/or expired storm water permits that combines storm water flow from both public and non-public storm water infrastructure before discharging storm water directly or indirectly into a stream, swale or other method of water conveyance to waters of the State.

b. Examples of Type 3 storm water systems include:

1) Non-public storm water infrastructure systems that discharge directly to public storm water infrastructure; public storm water infrastructure systems that discharge to non-public storm water infrastructure; public and non-public infrastructure systems that discharge to a common storm water pond or open swale on public or private property or to an outfall pipe leading to a stream, swale or other conveyance to a recognized water body; other systems that combine storm water flow from both public and non-public storm water infrastructure; prior valid storm water permits involving both public and non-public components covered under one issued permit with responsibility defined in the permit between public and non-public contributors to a storm water system.

2) Those combined public-private systems in the Town presently identified by the Town as meeting the Type 3 criterion are listed in Table 1 in the Appendix to this Ordinance. Table 1 may be revised by the Town, acting through its Municipal Manager or their designee(s) as such additional systems are identified.

4. Type 4 Storm Water System:

- a. Any other type of storm water system not covered under Types 1 through 3.
- b. Unique storm water systems with valid or expired storm water permits not included in Types 1 through 3 have not been identified as of the date of adoption of this Ordinance. This category is reserved for such systems.
- c. Storm water systems involving both Town and Vermont Agency of Transportation (VTRANS) infrastructure.
- d. Those combined public-private systems in the Town that are identified by the Town as meeting the Type 4 criterion will be listed in Table 1 in the Appendix to this Ordinance created by the Town, acting through its Municipal Manager. Table 1 may be revised by the Town, acting through its Municipal Manager or their designee(s) as additional systems are identified.

B. Prior to adoption of this section, the Town has not accepted full or shared permit responsibility for Authorization to Discharge permits within the impaired watersheds.

10.20.094 Methodology for Establishment of Permit Responsibility for Each Type of Storm Water System

A. Type 1 Storm Water Systems

1. The Town accepts responsibility for all valid Type 1 storm water system permits in the non-impaired waterways, all expired Type 1 storm water system permits in the impaired waterways, and all future Type 1 storm water system permits. These permits will be consolidated under the Town's NPDES MS4 General Permit 3-9014.
2. The Town accepts responsibility for the operation, maintenance, repair, replacement and upgrade of all public storm water infrastructure included in Type 1 storm water systems, with the exception of private underdrain systems and overland storm water flow systems from private lands such as driveways, open swales, and vegetated land. Such private underdrain systems and overland flow systems shall remain the responsibility of the property owner.
3. Acceptance of storm water permit responsibility by the Town does not relieve individual property owner(s) or housing and/or homeowner association(s), or any successor(s) and assign(s), from compliance with other sections of the Town's storm water ordinance or State

environmental regulations, including but not limited to sections dealing with illicit discharges, offsite discharge of sediment, site erosion, fertilizer application with respect to phosphorous and overall compliance with best storm water management practices as defined in adopted regulations or ordinances.

B. Type 2 Storm Water Systems

1. The Town shall have no responsibility for the operation, maintenance, repair, replacement or upgrade of non-public storm water infrastructure identified in a valid or expired storm water permit, or non-public storm water infrastructure added subsequent to the original version of a valid or expired permit, to meet an approved Flow Restoration Plan (FRP) unless it is determined by the appropriate legislative body, in its sole discretion, to be in the Town's best interests, as defined in Section 10.20.091.B above, to accept some or all of this responsibility.

2. The Town may accept MS4 permit responsibility for valid or expired Type 2 storm water system permits if requested by the current private storm water system owner and provided the following conditions are satisfied:

a. The private storm water system owner under an original valid or expired permit enters into a written agreement with the Town prior to January 1, 2015, which includes, at a minimum, the requirements set forth in section 10.20.094.b, below. A form of the Type 2 Storm Water System Agreement is provided in Appendix B to this Ordinance. If the private storm water system owner has not entered into a written agreement with the Town by January 1, 2015, the Town will request the State to use its RDA to require permit compliance by the holder of the expired Type 2 storm water permit.

b. The written agreement specified in section 10.20.094.a shall, at a minimum, require the following:

i. All applicable permit fees, including initial fees and all future renewal fees, if any such fees are required, shall be paid by the Type 2 private storm water system owner;

ii. The Type 2 private storm water system owner shall allow the Town to hire a professional engineer, at no cost to the holder of the Type 2 storm water permit, to inspect and certify that the Type 2 non-public storm water infrastructure is in compliance with the infrastructure requirements as contained in the expired permit. The certification shall occur prior to August 1, 2015. Alternatively, the

current holder of the expired non-public storm water permit may hire a professional engineer, acceptable to the Town, to perform the necessary inspection and certification. Future inspections that occur after the initial certification inspection of Type 2 non-public storm water infrastructure shall be conducted by the Town at no charge to the private storm water system owner;

iii. The Type 2 non-public contributing storm water permittee shall correct any deficiencies noted as a result of the engineer's inspection at their own expense prior to the August 1, 2015 date for system certification;

iv. The Type 2 non-public contributing storm water system permittee shall be responsible for permanent maintenance, repair, replacement and upgrade if necessary of all elements covered under the Type 2 storm water system permit. The Town shall conduct annual system compliance inspections to verify the condition and maintenance of the Type 2 storm water system and report findings to the State and the responsible party identified under the Type 2 storm water system permit;

v. The Type 2 non-public contributing storm water system permittee shall sweep clean all paved private roadways or parking lots at least twice per year and clean out all private catch basins whenever the depth of deposited material exceeds 50% of the depth of the catch basin sump, or enter into an agreement with the Town to perform the services for a fee;

vi. The failure of the Type 2 non-public contributing storm water system permittee to perform the required actions under b. iv. and v. shall be deemed a violation of this Ordinance and shall subject the non-public contributing storm water system permittee to penalties under section 10.20.112. The Town has the right but not the obligation to take the necessary actions to insure that the required maintenance is performed and otherwise correct any violation of this Ordinance. The provisions of section 10.20.116 of this Ordinance shall apply in the event the costs for the maintenance or correcting the violation are not paid by the non-public contributing storm water system permittee; and

vii. The cost of required storm water system upgrades to the Type 2 storm water system to meet the Town's adopted and State approved FRP shall be borne by the non-public contributing storm water system permittee unless it is determined by the Town to be in

its best interests as defined in Section 10.20.091.B above to participate in some or all of the system upgrade project or project costs.

3. Any prior written agreements entered into by the Town and non-public contributing storm water system permittees shall remain in full force with respect to cost sharing and operation, maintenance, repair and replacement of existing storm water infrastructure.

- a. Permit responsibility and upgrades to meet the FRP are separate elements of storm water responsibility not defined in previous agreements and therefore this Ordinance is the controlling document relative to permitting.
- b. In the event of any conflict between pre-existing agreements and the ordinance, the pre-existing agreements shall control.

4. Acceptance of partial storm water permit responsibility by the Town shall not relieve non-public contributing storm water system permittees from compliance with all other elements of the storm water ordinance or State environmental regulations, including but not limited to sections dealing with illicit discharges, offsite discharge of sediment, site erosion, fertilizer application with respect to phosphorous and overall compliance with best storm water management practices as defined in adopted regulations or ordinances.

C. Type 3 Storm Water Systems

1. The Town will not accept responsibility for operation, maintenance, repair, replacement and upgrade to meet an approved FRP of non-public storm water infrastructure identified in a valid or expired storm water permit or non-public storm water infrastructure added subsequent to the original version of the valid or expired permit, unless it is determined by the appropriate legislative body, in its sole discretion, to be in the best interests of the Town, as defined in Section 10.20.091.B above, to accept some or all of this responsibility.

2. The Town will accept MS4 permit responsibility on a proportional basis by relative impervious area contributed within the permitted area of the shared storm water system for the valid or expired Type 3 storm water system permit if requested by the non-public contributing storm water system permittee and provided the following conditions are satisfied:

- a. The Type 3 non-public contributing storm water permittee shall enter into a written agreement with the Town prior to January 1, 2015, which includes, at a minimum, the requirements set forth in

section 10.20.094.b.i-vii above. A form of the Type 3 Storm Water System Agreement is provided in Appendix C to this Ordinance. If the non-public contributing storm water system permittee has not entered into a written agreement by January 1, 2015, the Town will request the State to use its RDA to require permit compliance by the Type 3 non-public contributing storm water system permittee.

b. If the Type 3 non-public contributing storm water system permittee elects not to enter into a shared agreement with the Town on MS4 permit responsibility, the Town shall comply with the requirements pertaining to the public storm water infrastructure, and may request the State to use its RDA over that portion of the shared storm water system not included within an agreement with the Town.

c. All applicable permit fees, including initial fees and all future renewals, if such fees are required, shall be shared between the municipality and the non-public contributing storm water permittee on the basis of relative impervious area, unless the appropriate legislative body determines that it is in the Town's best interests, as defined in Section 10.20.091.B above, that such fees shall be paid either on a larger percentage than relative impervious area or in full by the Town. If the Town accepts permit responsibility, then the intent is to consolidate the permit under the municipal NPDES MS4 General Permit 3-9014.

3. Any prior written agreements entered into by the Town and the Type 3 non-public contributing storm water system permittee shall remain in full force with respect to cost sharing and operation, maintenance, repair and replacement of existing storm water infrastructure.

a. Permit responsibilities and upgrades to meet the FRP are separate elements of storm water responsibility not defined in previous agreements and therefore this Ordinance is the controlling document relative to these issues.

b. In the event of any conflict between executed pre-existing agreements and this Ordinance, the pre-existing agreements shall control.

4. Acceptance of MS4 Permit responsibility by the Town does not relieve non-public contributing storm water system permittees from compliance with other elements of the Town's storm water ordinance or State environmental

regulations, including but not limited to sections dealing with illicit discharges, offsite discharge of sediment, site erosion, fertilizer application with respect to phosphorous and overall compliance with best storm water management practices as defined in adopted regulations or ordinances.

D. Type 4 Storm Water Systems

1. Other storm water systems with valid or expired storm water permits that do not qualify as a Type 1, 2, or 3 storm water system.
2. These systems shall be managed on a case by case basis, using the general procedures and methods as applicable from the three system types.
3. Permits involving the Town and VTRANS shall fall under this category. VTRANS is a separate MS4 permittee. Under a future adopted FRP for each impaired waterway, the Town will negotiate an agreement with VTRANS on the level of shared responsibility and costs for meeting the TMDL requirement of each impaired waterway. In the event an agreement cannot be negotiated with VTRANS, the Town will request VANR to use its RDA with respect to those VTRANS direct or indirect discharges contributing storm water flow to the impaired watersheds under the VTRANS MS4 permit.

APPENDIX A

Table 1: Valid and Expired Storm Water Permits in the Village of Essex Junction and the Town of Essex outside the Village as of the Date of Ordinance Adoption

Permit #	Old Permit #	Village or Town	Project Name	Valid (V) or Expired (E)	Ordinance Type	Watershed
2-0855		Village	Village Knoll-Woods End & Acorn	Valid	Type 1	Indian Brook
2-1103		Village	Pleasant Street & East Street	Valid	Type 1	Indian Brook
1-1074		Village	Countryside II Fairview Farms: Chestnut Lane	Expired	Type 2	Indian Brook
1-1074		Village	Countryside II Fairview Farms: Spruce Lane	Expired	Type 2	Indian Brook
1-1074		Village	Countryside II Fairview Farms: Walnut Lane	Expired	Type 2	Indian Brook
2-0835		Village	Village Glen Condos	Expired	Type 2	Indian Brook
1.1527.0111		Village	Highland Village	Expired	Type 2	Sunderland Brook
1-0236		Village	Brickyard	Expired	Type 2 & 3	Indian Brook
1-1074		Village	Countryside II Fairview Farms: Locust Lane	Expired	Type 3	Indian Brook
2-0863		Village	167 Pearl Street (McEwing)	Expired	TBD	Sunderland Brook
2-0633		Town	Shillingford Crossing	Expired	Type 1	Sunderland Brook
3575-9010.R	1-1186	Town	Woodlands I	Valid	Type 1	Alder Brook
1-0667		Town	Woodlands I	Expired	Type 1	Indian Brook
3577-9010.R	1-0667	Town	Woodlands II/Lang Farm Parcel H	Valid	Type 1	Alder Brook

1-0250		Town	Kimberly Drive	Expired	Type 1	Sunderland Brook
3578-9010.R	1-0612 2-0752	Town	Pinewood Development	Valid	Type 1	Winooski River /Alder Brook
3581-9010.R		Town	Heritage Phase II	Valid	Type 1	Alder Brook
3579-9010.R		Town	Old Stage Village	Valid	Type 1	Alder Brook
3580-9010.R		Town	Rivers Bend	Valid	Type 1	Winooski River
3201-9010.R		Town	Pinewood Section G	Valid	Type 1	Winooski River
3267-9010.R		Town	Saybrook	Valid	Type 1	Alder Brook
4367-9010.R		Town	Autumn Knoll	Valid	Type 1	Browns River
3996-9010		Town	Town Swimming Pool Complex	Valid	Type 1	Alder Brook
2-0631		Town	Essex Resort and Spa	Expired	Type 2	Indian Brook
1-1463		Town	VT Systems, Inc.	Expired	Type 2	Sunderland Brook
1-0965		Town	#7 Ewing Place	Expired	Type 2	Sunderland Brook
1-0518		Town	#3 Ewing Place	Expired	Type 2	Sunderland Brook
1-0619		Town	#26 Susie Wilson Road	Expired	Type 2	Sunderland Brook
2-0634		Town	#26 Susie Wilson Road	Expired	Type 2	Sunderland Brook
1-1319		Town	Church of Latter Day Saints	Expired	Type 2	Indian Brook
1-1371		Town	Why Not LLC (Lang Farm Golf Course)	Expired	Type 2	Indian Brook
3324-9010.R		Town	Meadows Edge	Valid	Type 3	Alder Brook
3574-9010.R	1-0730	Town	Forestdale	Valid	Type 3	Winooski River /Alder Brook
3081-9010.R		Town	Perkins Bend	Valid	Type 3	Winooski River

1-1381		Town	The Commons at Essex Way	Expired	Type 3	Indian Brook
1-1307		Town	Homestead Design	Expired	Type 3	Indian Brook
1-0775		Town	The Outlets and Hannafords	Expired	Type 3	Indian Brook
2-0613		Town	The Outlets and Hannafords	Expired	Type 3	Indian Brook
1-1469		Town	Mainstay Suites	Expired	Type 3	Sunderland Brook
1-0552		Town	The Market Place	Expired	Type 3	Sunderland Brook
1-0896		Town	Yankee Enterprises, Oil #1 LLC, Bradley, Oil Annex, Patco Properties	Expired	Type 3	Sunderland Brook
1-0761		Town	Ewing	Expired	Type 3	Sunderland Brook
1-0694		Town	Ewing	Expired	Type 3	Sunderland Brook

Appendix B

TYPE 2 STORM WATER SYSTEM AGREEMENT

This STORM WATER SYSTEM AGREEMENT (“Agreement”) is made this _____ day of _____ 20__ by and between the [Village of Essex Junction] [Town of Essex], a Vermont municipal corporation with a principal place of business at [Village address] [81 Main Street], Essex, Vermont 05452 (the [“Town”] [“Village”]), and _____ with a principal place of business at _____ (“Permittee”). The [Town] [Village] and Permittee are sometimes each referred to in this Agreement as a “Party” or collectively as the “Parties.”

WITNESSETH:

WHEREAS, the [Town has adopted an amendment to its Storm Water Ordinance] [Village has adopted an amendment to its Village Ordinance , incorporating Section 10.20.90 of the Town Storm Water Ordinance] entitled Establishment and Transfer of Responsibility for State of Vermont issued Department of Environmental Conservation Authorization to Discharge Permits under General Storm Water Permits and for Unpermitted Discharges to Impaired Waterways within the Town of Essex, Inclusive of the Village of Essex Junction; and

WHEREAS, the Storm Water Ordinance amendment identifies the requirements under section 10.20.094.B necessary for the [Town] [Village] to accept storm water permit responsibility for a valid or expired Type 2 storm water permit, as such type is defined in the Ordinance Amendment; and

WHEREAS, Permittee has identified that it is in their best interests to have the [Town] [Village] accept storm water permit responsibility by entering into this Agreement; and

WHEREAS, it is in the best interests of the Parties to work together to achieve State of Vermont storm water permit compliance; and

WHEREAS, the Parties agree that the [Town] [Village] has no responsibility for the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, or non-public storm water infrastructure added to the original version of a valid or expired storm water permit; and

WHEREAS, the [Town] [Village] may in its sole discretion, if determined by the legislative body to be in its best interests, to accept some or all of the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, at some future date;

NOW, THEREFORE, in consideration of the matters described above, and of the mutual benefits and obligations set forth in this Agreement, and on the express condition that all conditions precedent described below are satisfied, the Parties agree as follows:

SECTION ONE
[TOWN] [VILLAGE] OBLIGATIONS

The [Town] [Village] agrees to accept full or shared permit responsibility for valid or expired storm water system permits as follows and also shall:

1. Hire a professional engineer, at no cost to Permittee, to inspect and certify that the Type 2 storm water system, including but not limited to catch basins, storm pipes, and treatment facilities, is in compliance with the infrastructure requirements as contained in the expired permit, unless such work is undertaken at no cost to the [Town] [Village] by Permittee. The certification shall occur prior to August 1, 2015.
2. Conduct future inspections that occur after the initial certification inspection of Type 2 storm water systems at no charge to the Permittee.
3. Conduct annual system compliance inspections to verify the condition and maintenance of the Type 2 storm water system and report findings to the State and the Permittee.
4. Inspect and prepare an annual structural condition survey and extent of debris capture in all catch basins contributing storm water flow within the permitted area.
5. At the request of Permittee, arrange for cleaning of non-public catch basins, and to bill such cleaning costs to the Permittee.
6. Make best efforts to minimize the impact on the Permittee's property and their business operations thereon in performing its obligations under this Agreement.

SECTION TWO
PERMITTEE OBLIGATIONS

Permittee shall:

1. Accept all responsibility for the operation, maintenance, repair, replacement or upgrade of non-public storm water infrastructure identified in a valid or expired storm water permit, or non-public storm water infrastructure added subsequent to

the original version of a valid or expired permit, to meet an approved Flow Restoration Plan (FRP) unless it is determined by the appropriate legislative body, in its sole discretion, to be in the [Town's] [Village's] best interests, as defined in Section 10.20.091.B above, to accept some or all of this responsibility.

2. To pay all applicable permit fees, including initial fees and all future renewal fees, if any such fees are required of the Type 2 storm water system.
3. Hire a professional engineer, at no cost to the [Town] [Village], to inspect and certify that the Type 2 storm water system, including but not limited to catch basins, storm pipes, and treatment facilities, is in compliance with the infrastructure requirements as contained in the expired permit, unless Permittee requests such work be performed by the [Town] [Village]. The certification shall occur prior to August 1, 2015.
4. Correct any deficiencies identified in the engineer's storm water system inspection at their own expense prior to the August 1, 2015 date for system certification.
5. Maintain, repair, replace and upgrade as necessary all storm water infrastructure covered under the Type 2 storm water system permit.
6. Sweep clean all paved private roadways or parking lots at least twice per year and clean out all private catch basins whenever the depth of deposited material exceeds 50% of the depth of the catch basin sump, or enter into an agreement with the Town to perform the services for a fee.
7. Bear all costs of required storm water system upgrades (if needed) to the Type 2 storm water system to meet the [Town's] [Village's] adopted and State approved FRP unless it is determined by the [Town] [Village] to be in its best interests as defined in Section 10.20.091.B of the Town's Storm Water Ordinance [as adopted by Village's Land Development Code] to participate in some or all of the system upgrade project or project costs.
8. Comply with all other elements of the Storm Water Ordinance or State environmental regulations, including but not limited to sections dealing with illicit discharges, offsite discharge of sediment, site erosion, fertilizer application with respect to phosphorous and overall compliance with best storm water management practices as defined in adopted regulations or ordinances.

9. Perform any necessary structural repairs to any non-public storm water infrastructure beyond the annual routine maintenance within at least six (6) months of discovery of such needed structural repair or, if not repaired within six months of discovery, reimburse the [Town] [Village] for all its costs for such catch basin repair plus a ten percent (10%) surcharge for associated administrative expenses relating to such repair.

10. Indemnify, defend and hold harmless the [Town] [Village] and its officers, employees, agents, and representatives for and from any claims for liability and or damages arising out of the [Town's] [Village's] performance of the required annual operations and maintenance and required testing of the storm water infrastructure, including all catch basins and pipes, that may occur on Permittee's property, except to the extent such claims (a) arise from the gross negligence or intentional misconduct of the [Town] [Village] or its employees, agents or contractors, or (b) are covered by insurance carried by the [Town] [Village], its agents or contractors.

SECTION THREE MISCELLANEOUS

1. The [Town] [Village] will notify Permittee at such time as the FRP for the watershed in which the property lies is adopted as to any obligations of Permittee to make on-site storm water improvements as required under the FRP.

2. All payments required under this Agreement shall be due upon receipt of an invoice. Any payments not made within thirty (30) days of their due date shall accrue interest at a rate of one percent (1%) per month on the past due amount until paid in full.

3. The Parties covenant and agree that the conditions and obligations under this Agreement shall run with the land, and shall accrue to the benefit of and be binding upon their respective successors and assigns as if they were parties to this Agreement. Any payments required under this Agreement not made when due shall constitute a lien on property of the Party failing to make payment, and shall be collectible in the same fashion as unpaid property taxes.

4. In the event a Party resorts to the judicial process to enforce another Party's obligations hereunder, the prevailing Party shall be entitled to recover its reasonable attorneys' fees.

5. This Agreement shall be interpreted consistent with and governed by the laws of the State of Vermont.

6. This Agreement consists of the entire understanding between the Parties relative to its subject matter, and may not be modified orally, but only by a written instrument signed by all Parties.

IN WITNESS WHEREOF, the Parties have caused their corporate seal to be affixed hereto and these premises to be signed in its name and on its behalf by its duly authorized agent as of the day and date first written above.

_____, VERMONT

Witness

BY: _____
Duly Authorized Agent

Witness

BY: _____
Duly Authorized Agent

STATE OF VERMONT)
)
COUNTY OF CHITTENDEN) SS.

At Essex in said County this ____ day of _____, A.D., ____, personally appeared _____ duly authorized officer of _____, and he acknowledged this instrument, by him sealed and subscribed to be his free act and deed and the free act and deed of the [Town of Essex] [Village of Essex Junction].

Before me,

Notary Public
My Commission Expires: _____

STATE OF VERMONT)
)
COUNTY OF CHITTENDEN) SS.

At Essex in said County this ____ day of _____, A.D., _____, personally appeared _____ duly authorized officer of _____, and he/she acknowledged this instrument, by him/her sealed and subscribed to be his/her free act and deed and the free act and deed of _____.

Before me,

Notary Public
My Commission Expires: _____

Appendix C

TYPE 3 STORM WATER SYSTEM AGREEMENT

This STORM WATER SYSTEM AGREEMENT ("Agreement") is made this _____ day of _____ 20__ by and between the [Village of Essex Junction] [Town of Essex], a Vermont municipal corporation with a principal place of business at [Village address] [81 Main Street], Essex, Vermont 05452 (the ["Town"] ["Village"]), and _____ with a principal place of business at _____ ("Permittee"). The Town and Permittee are sometimes each referred to in this Agreement as a "Party" or collectively as the "Parties." (*NOTE: May be multiple parties to sign*)

WITNESSETH:

WHEREAS, the [Town has adopted an amendment to its Storm Water Ordinance] [Village has adopted an amendment to its Village Ordinance , incorporating Section 10.20.90 of the Town Storm Water Ordinance] entitled Establishment and Transfer of Responsibility for State of Vermont issued Department of Environmental Conservation Authorization to Discharge Permits under General Storm Water Permits and for Unpermitted Discharges to Impaired Waterways within the Town of Essex, Inclusive of the Village of Essex Junction; and

WHEREAS, the Storm Water Ordinance amendment identifies the requirements in section 10.20.094.C necessary for the [Town] [Village] to accept shared or full storm water permit responsibility for a valid or expired Type 3 storm water permit, as such type is defined in the Ordinance Amendment; and

WHEREAS, Permittee (*NOTE: May be multiple parties*) has identified that it is in their best interests to have the [Town] [Village] accept storm water permit responsibility by entering into this agreement; and

WHEREAS, it is in the best interests of the Parties to work together to achieve State of Vermont storm water permit compliance; and

WHEREAS, the Parties agree that the [Town] [Village] has no responsibility for the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, or non-public storm water infrastructure added to the original version of a valid or expired storm water permit and shared responsibility on storm water systems consisting of both public and non-public infrastructure; and

WHEREAS, the [Town] [Village] may in its sole discretion, if determined by its legislative body to be in the [Town's] [Village's] best interests, to accept some or all of the operation, maintenance, repair, replacement or upgrade of all non-public storm water or storm water-related infrastructure, at some future date;

NOW, THEREFORE, in consideration of the matters described above, and of the mutual benefits and obligations set forth in this Agreement, and on the express condition that all conditions precedent described below are satisfied, the Parties agree as follows:

SECTION ONE.
[TOWN] [VILLAGE] OBLIGATIONS

The Town agrees to accept full or shared permit responsibility on a proportional basis by relative impervious area contributed by the public and non-public storm water infrastructure within the permitted area for valid or expired storm water system permits. The relative impervious area has been agreed as follows: [Town] [Village] __%; Permittee __%. The [Town] [Village] also shall:

1. Hire a professional engineer, at no cost to the Permittee, to inspect and certify that the Type 3 storm water system, including but not limited to catch basins, storm pipes, and treatment facilities, is in compliance with the infrastructure requirements as contained in the expired permit, unless such work is undertaken at no cost to the [Town] [Village] on non-public storm water infrastructure by Permittee. The certification shall occur prior to August 1, 2015.
2. Conduct future inspections that occur after the initial certification inspection of Type 3 storm water systems at no charge to the Permittee.
3. Conduct annual system compliance inspections to verify the condition and maintenance of the Type 3 storm water system and report findings to the State and the Permittee.
4. Inspect and prepare a structural condition survey and extent of debris capture in all catch basins contributing storm water flow within the permitted area.
5. At the request of Permittee, arrange for cleaning of non-public catch basins, and to bill such cleaning costs to the Permittee.
6. Make best efforts to minimize the impact on any Permittee's property and their business operations thereon in performing its obligations under this Agreement.

SECTION TWO
PERMITTEE OBLIGATIONS

Permittee (*NOTE: May be multiple parties*) shall:

1. Accept all responsibility for the operation, maintenance, repair, replacement or upgrade of non-public storm water infrastructure identified in a valid or expired storm water permit, or non-public storm water infrastructure added subsequent to the original version of a valid or expired permit, or their portion of a shared storm water system to meet an approved Flow Restoration Plan (FRP) unless it is determined by the appropriate legislative body, in its sole discretion, to be in the [Town's] [Village's] best interests, as defined in Section 10.20.091.B of the Storm Water Ordinance to accept some or all of this responsibility.
2. Pay their proportionate share of all applicable permit fees, including initial fees and all future renewal fees, if any such fees are required of the Type 3 storm water system, and
3. Hire a professional engineer, at no cost to the [Town] [Village], to inspect and certify that the non-public or shared portion of the Type 3 storm water system, including but not limited to catch basins, storm pipes, and treatment facilities, is in compliance with the infrastructure requirements as contained in the expired permit, unless Permittee requests such work be performed by the [Town] [Village]. The certification shall occur prior to August 1, 2015.
4. Correct any deficiencies on the non-public portion of the storm water system identified by the engineer's storm water system inspection at their own expense prior to the August 1, 2015 date for system certification.
5. Maintain, repair, replace and upgrade as necessary all non-public storm water infrastructure and to share responsibility for portions of shared storm water systems covered under the Type 3 storm water system permit according to the percentages identified above.
6. Sweep clean all paved private roadways or parking lots at least twice per year and clean out all private catch basins whenever the depth of deposited material exceeds 50% of the depth of the catch basin sump on non-public private storm water infrastructure or enter into an agreement with the [Town] [Village] to perform such services for a fee.
7. Bear the cost of required storm water system upgrades on non-public portions of the shared storm water systems and to share in the costs of all shared elements of the storm water system (if needed) to the Type 3 storm water system to meet the [Town's] [Village's] adopted and State approved FRP according to the percentages identified above unless it is determined by the [Town] [Village] to be in its best interests as defined in Section 10.20.091.B of the Town's Stormwater

Ordinance to participate in some or all of the system upgrade project or project costs.

8. Comply with all other elements of the Storm Water Ordinance or State environmental regulations, including but not limited to sections dealing with illicit discharges, offsite discharge of sediment, site erosion, fertilizer application with respect to phosphorous and overall compliance with best storm water management practices as defined in adopted regulations or ordinances.
9. Perform any necessary structural repairs to any non-public storm water infrastructure beyond the annual routine maintenance within at least six (6) months of discovery of such needed structural repair or, if not repaired within six (months) of discovery, reimburse the [Town] [Village] for all its costs for such catch basin repair plus a ten percent (10%) surcharge for associated administrative expenses relating to such repair; and share in such costs on shared elements of the storm water system according to the percentages identified above.
10. To indemnify, defend and hold harmless the [Town] [Village] and its officers, employees, agents, and representatives for and from any claims for liability and or damages arising out of the [Town's] [Village's] performance of the required annual operations and maintenance and required testing of the storm water infrastructure, including all catch basins and pipes, that may occur on Permittee's property, except to the extent such claims (a) arise from the gross negligence or intentional misconduct of the [Town] [Village] or its employees, agents or contractors, or (b) are covered by insurance carried by the [Town] [Village], its agents or contractors.

SECTION THREE MISCELLANEOUS

1. The [Town] [Village] will notify Permittee at such time as the FRP for the watershed in which the property lies is adopted as to any obligations of Permittee to make on-site storm water improvements as required under the FRP.
2. All payments required under this Agreement shall be due upon receipt of an invoice. Any payments not made within thirty (30) days of their due date shall accrue interest at a rate of one percent (1%) per month on the past due amount until paid in full.
3. The Parties covenant and agree that the conditions and obligations under this Agreement shall run with the land, and shall accrue to the benefit of and be binding upon their respective successors and assigns as if they were parties to this

acknowledged this instrument, by him sealed and subscribed to be his free act and deed and the free act and deed of the [Town of Essex] [Village of Essex Junction].

Before me,

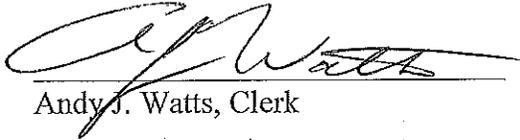
Notary Public
My Commission Expires: _____

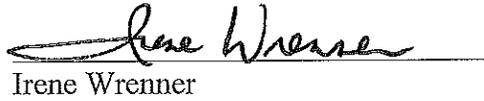
TOWN OF ESSEX SELECTBOARD
CHANGES TO TITLE 10.20, STORM WATER ORDINANCE
Inclusive of Appendix A, B and C:

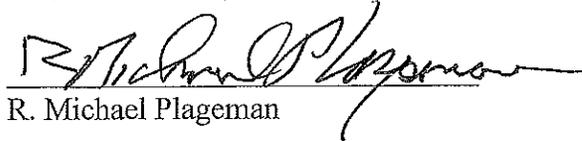
Adopted this 18th day of August 2014 by the Town of Essex Selectboard.


Max Levy, Chair

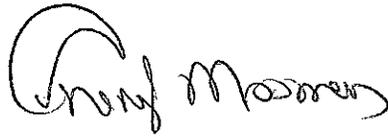

Brad M. Luck, Vice Chair

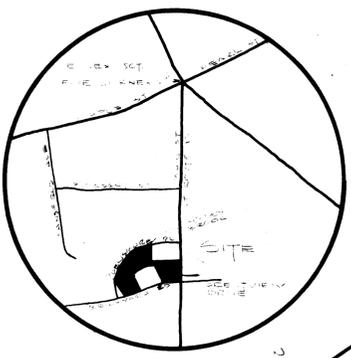
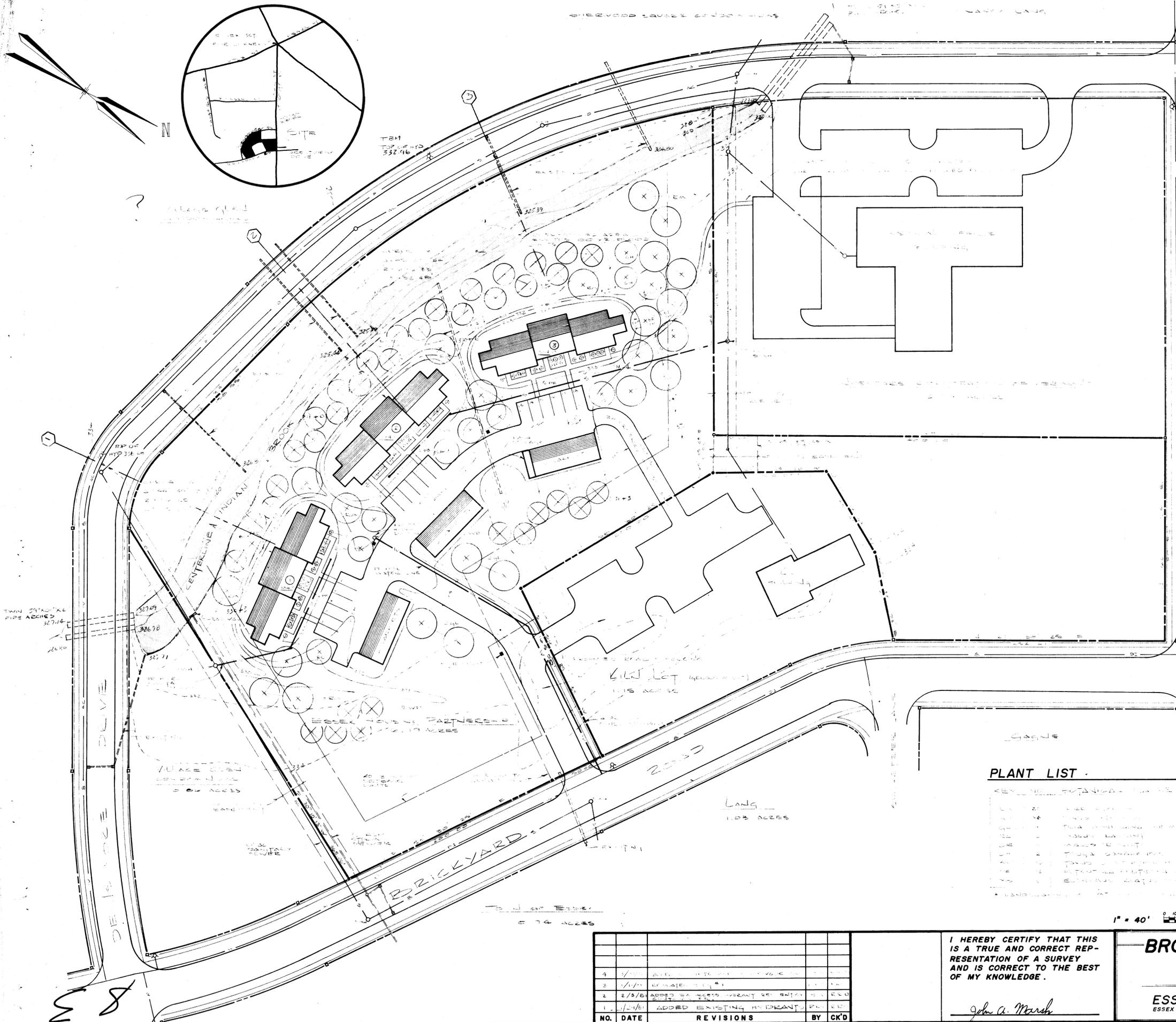

Andy J. Watts, Clerk


Irene Wrenner


R. Michael Plageman

Received for Record by Essex Town Clerk this 22nd day of Oct 2014.





REFERENCE PLANS

LEGEND

NOTES



APPROVED
 Date 4/9/81
 Margaret Collier, Clerk
 Planning Commission
 Village of Essex Junction, Vermont

PLANT LIST

NO.	DATE	REVISIONS	BY	CK'D
1	1/11/81	ADDED EXISTING HYDRANT	CK'D	
2	2/3/81	ADDED EXISTING HYDRANT	CK'D	
3	1/11/81	ADDED EXISTING HYDRANT	CK'D	
4	1/11/81	ADDED EXISTING HYDRANT	CK'D	

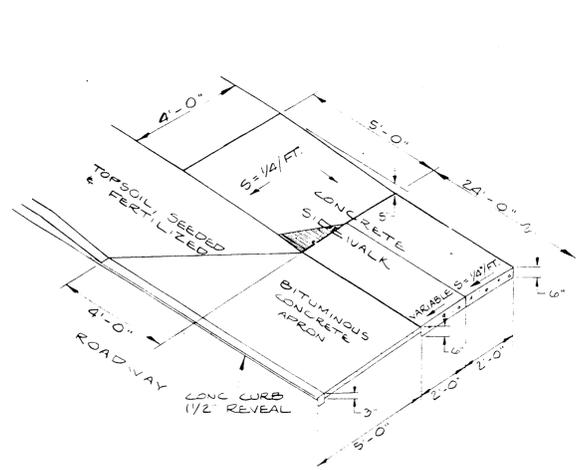


I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT REPRESENTATION OF A SURVEY AND IS CORRECT TO THE BEST OF MY KNOWLEDGE.

John A. Marsh

BROOKSIDE CONDOMINIUMS
SITE PLAN
 ESSEX HOUSING PARTNERSHIP
 ESSEX JUNCTION VERMONT

DATE	12/10/80	DRAWN	S.L.M.
SCALE	1" = 40'	JOB NO.	1218
PREPARED BY	RONALD R. O'BRYAN		
ESSEX JCT.	VERMONT		
SHEET	1	OF	1



TYPICAL DEPRESSED SIDEWALK
ACROSS CLUSTER DRIVE ENTRANCE

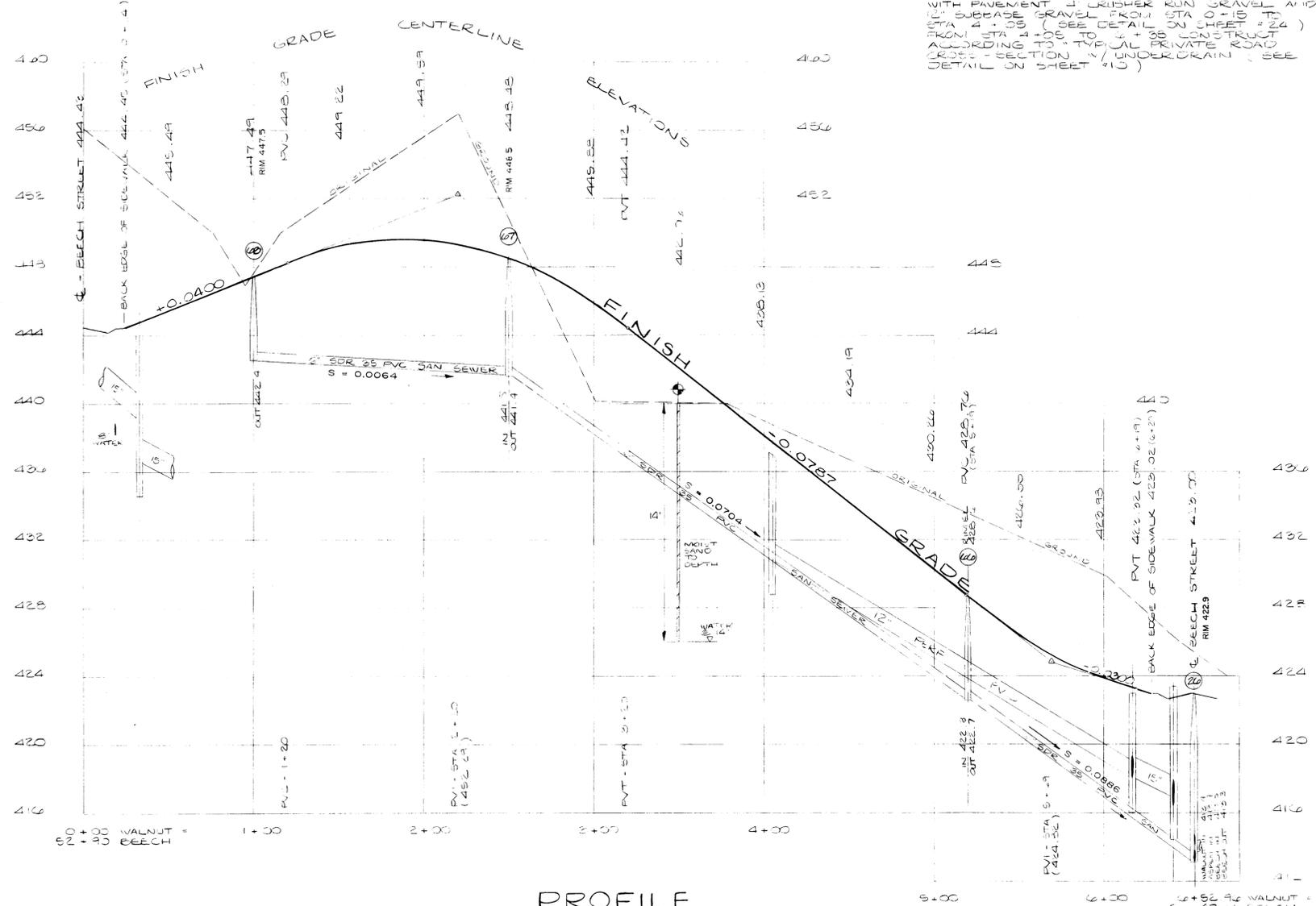
NTS

NOTE (V)
THE CONTRACTOR SHALL CONFORM TO THE WATER/SEWER CROSSING DETAILS AND RESTRICTIONS #1, #2 & #3 ON SHEET #25

(A) TYPICAL ALL EROSION CONTROL BARRIERS - A DENOTES HAYBALE BARRIER DETAIL ON SHEET #25 AND B DENOTES NOTE #3 OF EROSION BARRIER AND CONSTRUCTION SEQUENCE SPECIFICATIONS FOUND ON SHEET #25.

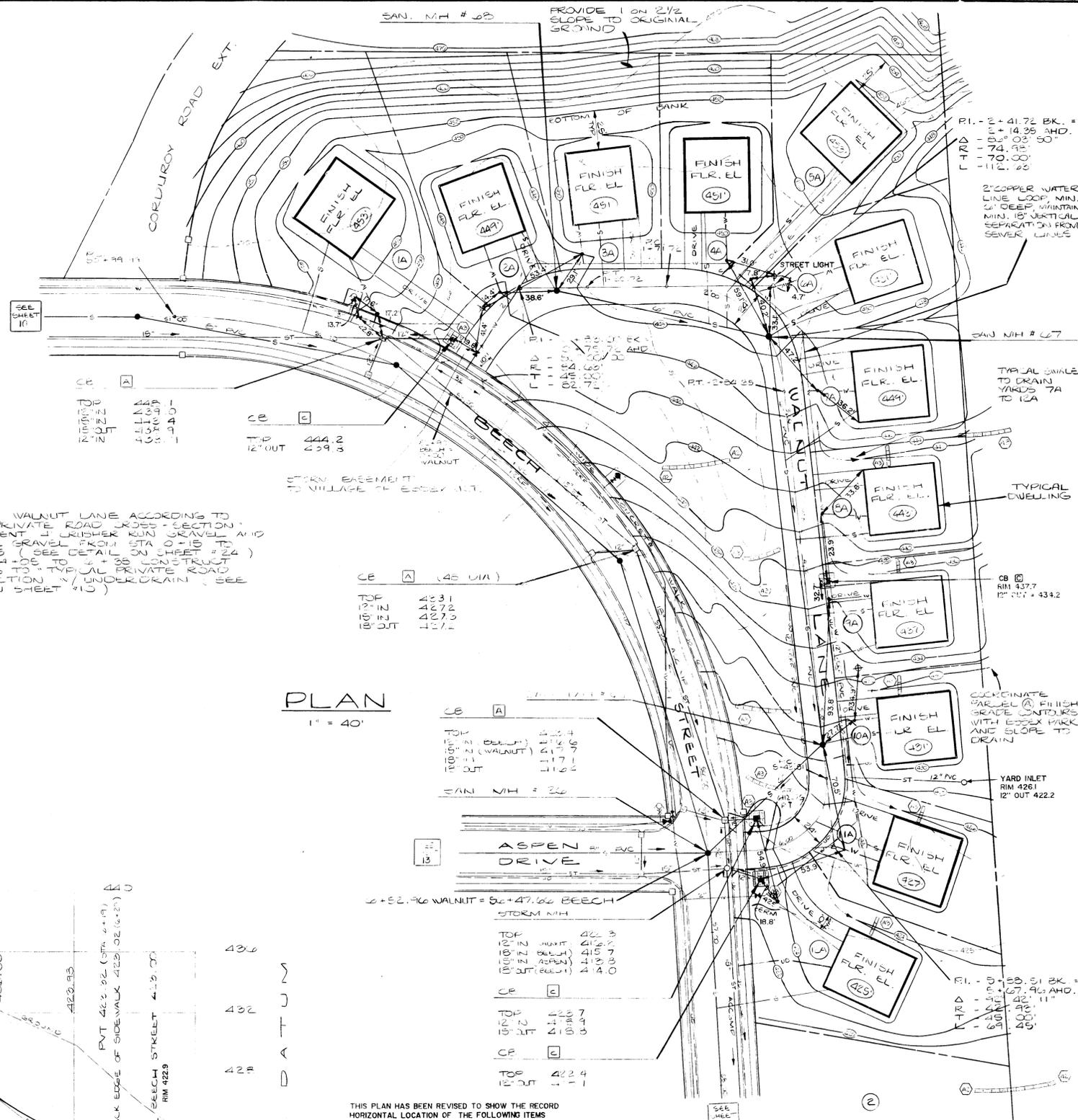
NOTES:

1. CONSTRUCT WALNUT LANE ACCORDING TO "TYPICAL PRIVATE ROAD CROSS-SECTION" WITH PAVEMENT 4" CRIBBER RUN GRAVEL AND 10" SUBBASE GRAVEL FROM STA 0+10 TO STA 4+05 (SEE DETAIL ON SHEET #24) FROM STA 4+10 TO STA 6+00 CONSTRUCT ACCORDING TO "TYPICAL PRIVATE ROAD CROSS-SECTION" (UNDER DRAIN - SEE DETAIL ON SHEET #10)



PROFILE

1" = 40' HORIZ.
1" = 4' VERT.



PLAN
1" = 40'

TOP	423.1
10" IN	427.2
10" OUT	427.2

TOP	422.7
10" IN	418.9
10" OUT	418.9

TOP	422.4
10" IN	411.1
10" OUT	411.1

THIS PLAN HAS BEEN REVISED TO SHOW THE RECORD HORIZONTAL LOCATION OF THE FOLLOWING ITEMS

- WATER: GATE VALVES, CURBSTOPS, HYDRANTS
- SEWER: GRADES, MANHOLES WITH RIM & INVERT ELEVATIONS, SERVICES
- STORM: GRADES, UD SERVICES, CATCH BASINS & MANHOLES WITH RIM & INVERT ELEVATIONS, METAL END SECTIONS WITH INVERT ELEVATIONS
- OTHER: STREET LIGHTS

RECORD DRAWING:

THE WATER, SEWER AND DRAINAGE LINES AND APPURTENANCES WERE INSTALLED AS NOTED ON THIS PLAN SUBSTANTIALLY IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AS OBSERVED BY THIS OFFICE DURING SPORADIC SITE VISITS AND FIELD LOCATION SURVEYS.

KEN STONE, P.E. DATE



10-3-94	ADJUSTIES AND REMAINING RECORD INFO.	KAS.
4-15-88	REVISION AS SHOWN - WATER/UNDER DRAINS/SEWER	BY: SEG
Date	REVISED AS PER PARCEL (A) REDESIGN	by: DJG

COUNTRYSIDE
ESSEX JUNCTION, VERMONT

PLAN and PROFILE
Parcel A / Walnut Lane

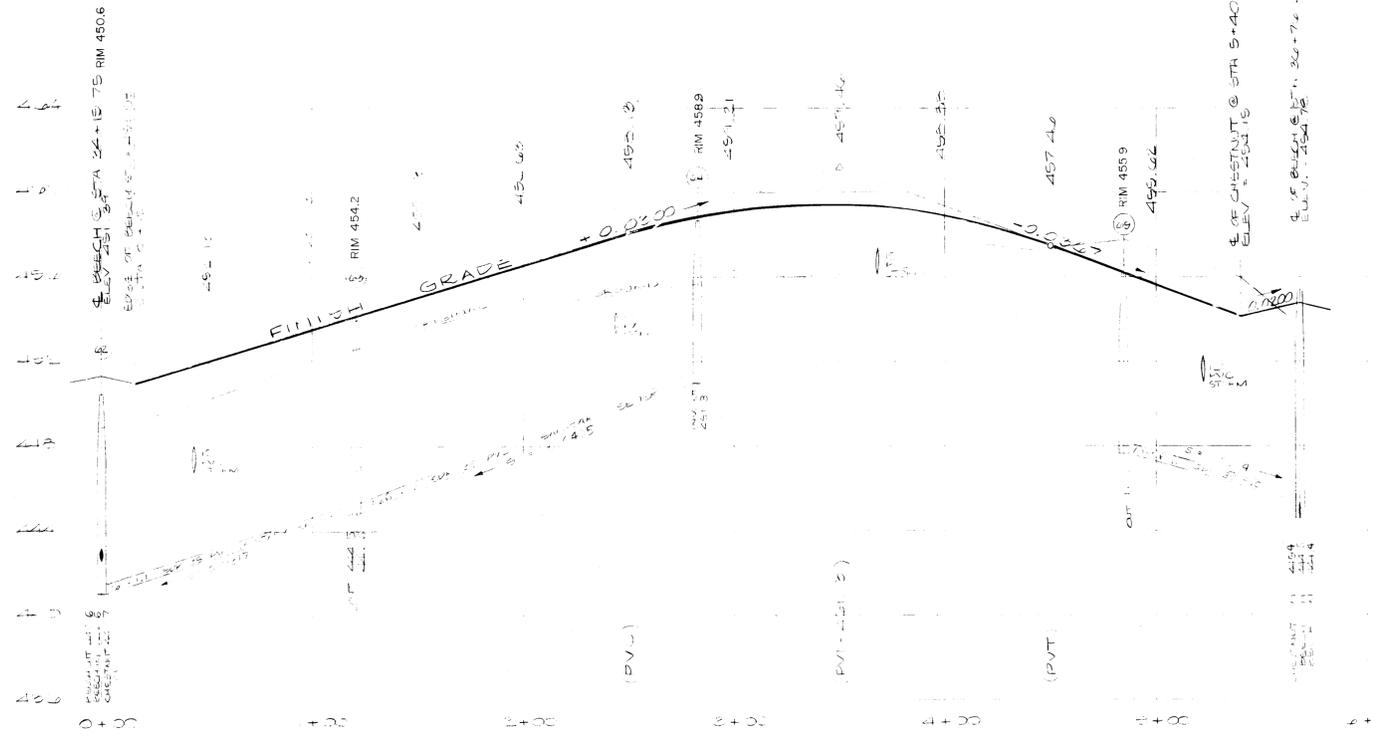
LAMOUREUX
14 Morse Drive
Essex Junction Vermont 05452
(802) 878-4450
Consulting Engineer and Land Surveyor

LEGEND

- PROPERT LINE
- SIDEWALK OF EASEMENT
- CONCRETE MANHOLE
- 15" PIPE
- 12" PIPE
- WATER COURSE
- WATER COURSE
- CONTROL LINE (EXISTING)
- FINISH GRADE CONTROL
- FINISH GRADE ELEVATION
- NEW CATCH BASIN & STORM DRAIN
- NEW SANITARY SEWER & MANHOLE
- NEW WATERLINE & GATE VALVE
- NEW HYDRANT
- NEW UNDERDRAIN & CLEANOUT
- CUSTODIAN ENVELOPE NUMBER
- NOW OR FORMERLY

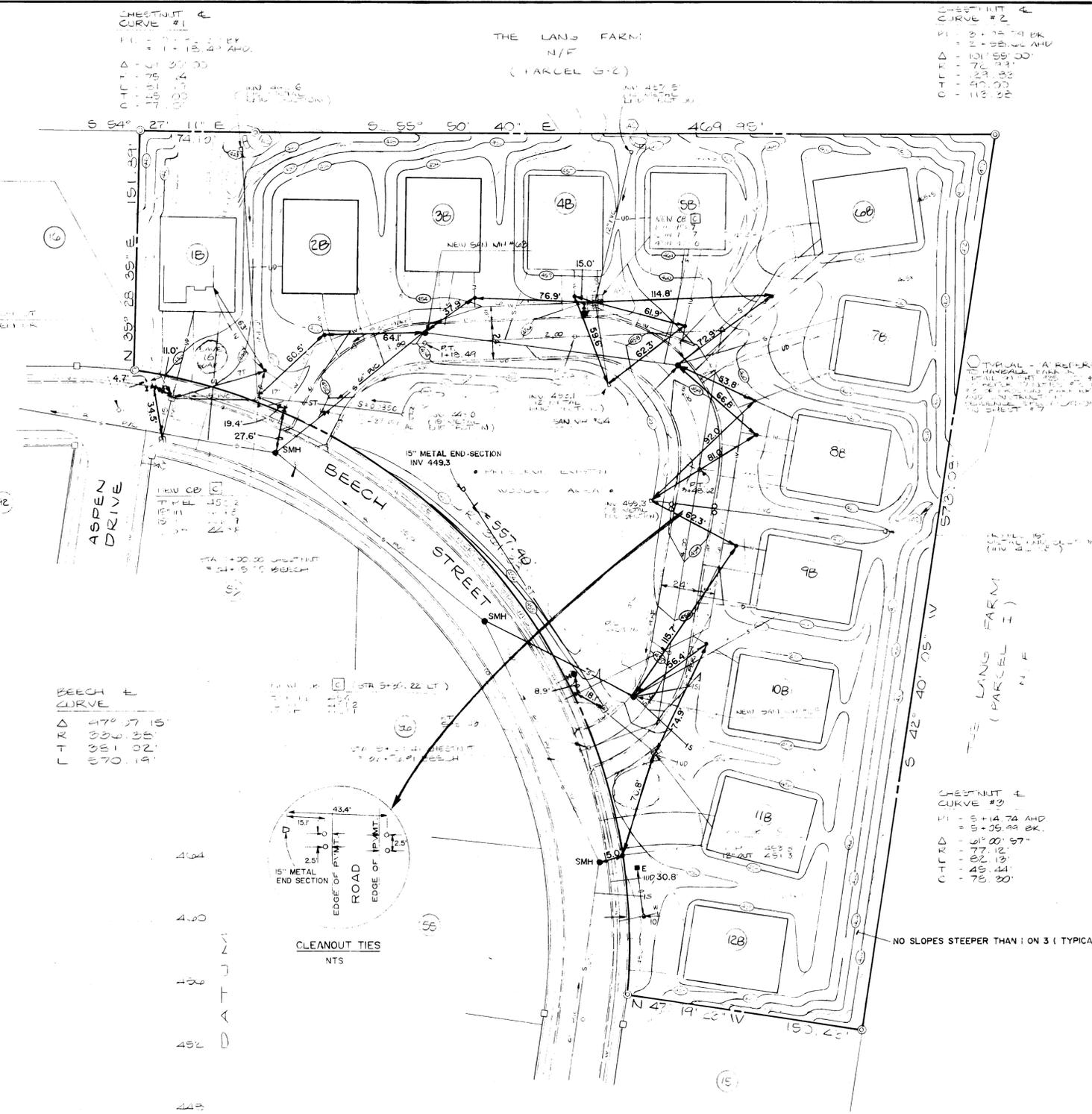
NOTES

1. THE CONTRACTOR SHALL CONFORM TO THE WATER / SEWER LAPPING DETAILS AND RESTRICTIONS #1, #2 & #3 ON SHEET #7 OF THESE PLANS.
2. HYDRANTS AND APPURTENANCES SHALL BE THE SAME AS PHASE IV 257



PROFILE

1" = 40' HORIZ.
1" = 4' VERT.



PLAN

1" = 40'

THIS PLAN HAS BEEN REVISED TO SHOW THE RECORD HORIZONTAL LOCATION OF THE FOLLOWING ITEMS

- WATER: GATE VALVES, CURBSTOPS, HYDRANTS
- SEWER: GRADES, MANHOLES WITH RIM & INVERT ELEVATIONS, SERVICES
- STORM: GRADES, CLEANOUTS, SERVICES, CATCH BASINS & MANHOLES WITH RIM & INVERT ELEVATIONS, METAL END SECTIONS WITH INVERT ELEVATIONS



RECORD DRAWING:

THE WATER, SEWER AND DRAINAGE LINES AND APPURTENANCES WERE INSTALLED AS NOTED ON THIS PLAN SUBSTANTIALLY IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AS OBSERVED BY THIS OFFICE DURING SPORADIC SITE VISITS AND FIELD LOCATION SURVEYS.

KEN STONE, P.E. DATE 11/2/91

11/10/91	CORRECTED LOCATION OF CURBSTOP TO 1B	KAS
10/3/90	COMPLETED RECORD DRAWING	KAS
5/3/90	ADDED RECORD DRAWING INFORMATION	KAS
1/5/90	REVISED RECORD DRAINAGE	P30
4/12/89	REVISION CHANGED EXISTING 12" PVC STORM DRAIN TO 15" PVC	HLB

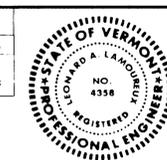
COUNTRYSIDE
ESSEX JUNCTION, VERMONT

PLAN and PROFILE
Parcel B / Chestnut Lane

LAMOUREUX
14 Morse Drive
Essex Junction, Vermont 05452
(802) 878-4450
Consulting Engineer and Land Surveyor

PROJ. NO. 85-1
SURVEY F-L/LAL
DESIGN LAL
DRAWN HLB
CHECKED DJG/LAL
DATE 7/25/88
SCALE AS SHOWN
Dwg. NO. 18

DATE	REVISION	BY
3-16-89	ADDED LOT 40 BEECH STREET	DJG
6-22-89	REVISED SERVICES TO 40 BEECH STREET	DJG
10-3-90	ADDED RECORD DRAWING INFORMATION	KAS
11-10-91	CORRECTED TIES TO UNIT 15C CURBSTOP & ADDED TIES TO UNITS 22C, 23C & 7C	KAS



COUNTRYSIDE
ESSEX JUNCTION, VERMONT

Parcel C
Plan

LAMOUREUX
14 Morse Drive
Essex Junction, Vermont 05452
PH: 252-874-4450

Consulting Engineer and Land Surveyor

85-1
F-L/LAL
LAL
JMM
LAL
Date
1/13/88
AS SHOWN
17

LEGEND

- — — — — PROPERTY LINE
- — — — — SIDELINE OF EASEMENT
- — — — — SANITARY SEWER
- — — — — UNDERDRAIN
- — — — — WATERLINE
- — — — — GATE VALVE
- — — — — HYDRANT
- — — — — MANHOLE
- — — — — CATCH BASIN
- — — — — STREAM
- — — — — EXISTING CONTOUR
- — — — — CONCRETE MONUMENT (TO BE SET)
- — — — — IRON PIN (TO BE SET)
- — — — — EXISTING IRON PIPE
- — — — — UNIT NUMBER
- — — — — LOT NUMBER
- — — — — FINISH GRADE CONTOUR
- — — — — FINISH GRADE ELEVATION
- — — — — GAS VALVE

THIS PLAN HAS BEEN REVISED TO SHOW THE RECORD HORIZONTAL LOCATION OF THE FOLLOWING ITEMS, EXCLUDING ANY ITEMS ON 40 BEECH ST. LOT:

- WATER: GATE VALVES, CURBSTOPS, HYDRANTS
- SEWER: GRADES, MANHOLES WITH RIM & INVERT ELEVATIONS, SERVICES
- STORM: GRADES, SERVICES, CLEANOUTS, CATCH BASINS & MANHOLES WITH RIM & INVERT ELEVATIONS, METAL END SECTIONS WITH INVERT ELEVATIONS
- OTHER: STREET LIGHTS

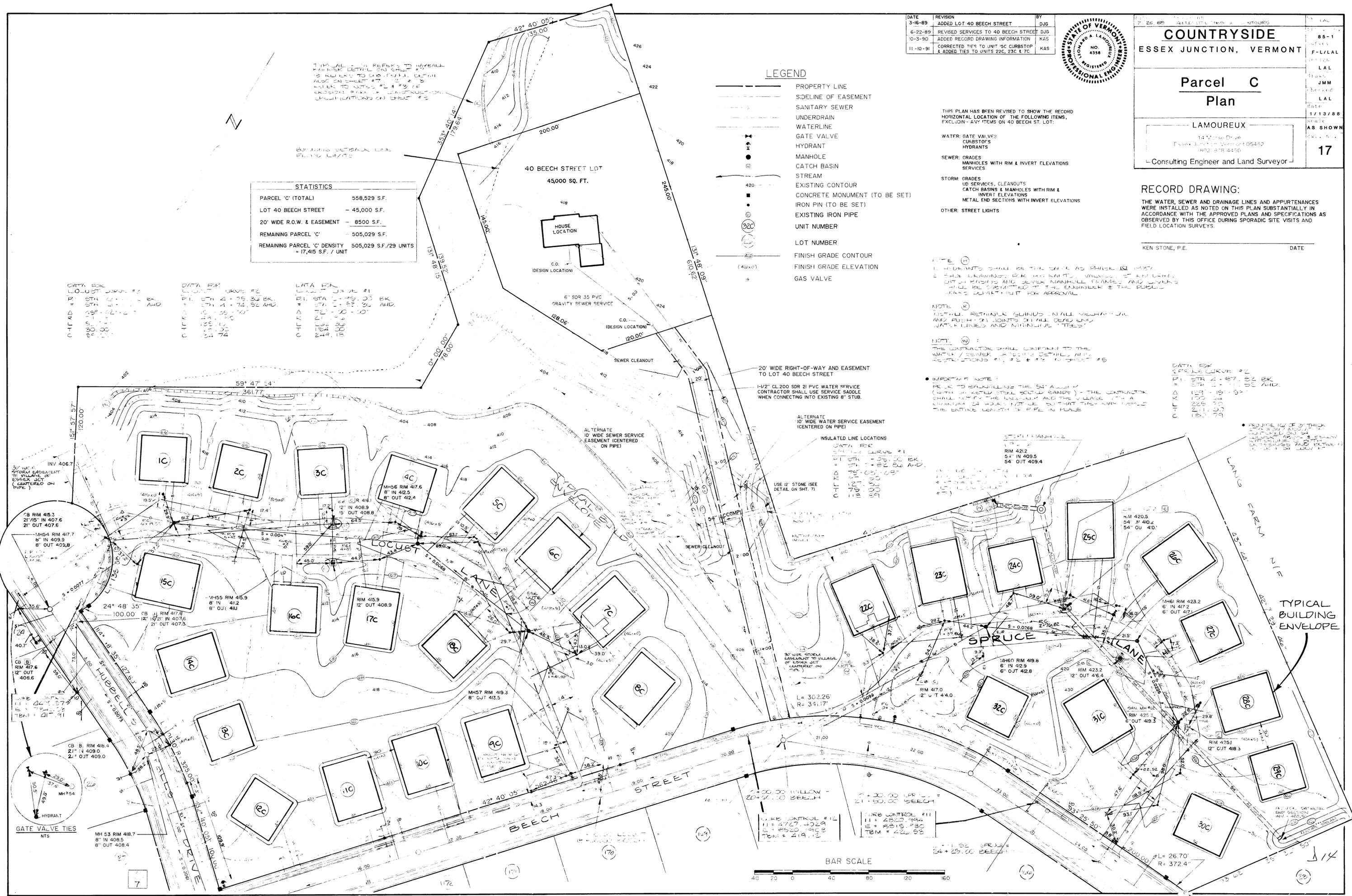
STATISTICS

PARCEL 'C' (TOTAL)	558,529 S.F.
LOT 40 BEECH STREET	45,000 S.F.
20' WIDE R.O.W. & EASEMENT	8500 S.F.
REMAINING PARCEL 'C'	505,029 S.F.
REMAINING PARCEL 'C' DENSITY	505,029 S.F./29 UNITS = 17,415 S.F./UNIT

DATA FOR LOCUST CURVE #2
STATION 1+00 TO 1+50
RADIUS 100.00
CHORD 49.98
ANGLE 90.00

DATA FOR CURVE #1
STATION 1+50 TO 2+00
RADIUS 100.00
CHORD 49.98
ANGLE 90.00

DATA FOR CURVE #1
STATION 2+00 TO 2+50
RADIUS 100.00
CHORD 49.98
ANGLE 90.00



NOTE (H):
1. MANHOLES SHALL BE THE SAME AS PHASE III (1987).
2. END DRAWINGS FOR MANHOLE VALVES, CATCH BASINS, CATCH BASIN AND SEWER MANHOLE FRAMES AND COVERS SHALL BE SUBMITTED TO THE ENGINEER & THE PUBLIC WORKS DEPARTMENT FOR APPROVAL.

NOTE (I):
DETAIL RETAINER GUARDS ON ALL MECHANICAL AND PUSH-ON JOINTS ON ALL DEAD END WATER LINES AND MINOR 'T' TIES.

NOTE (J):
THE CONTRACTOR SHALL CONFORM TO THE WATER/SEWER DISTRICTS' DETAILS AND REGULATIONS #1, #2 & #3 IN SHEET #6.

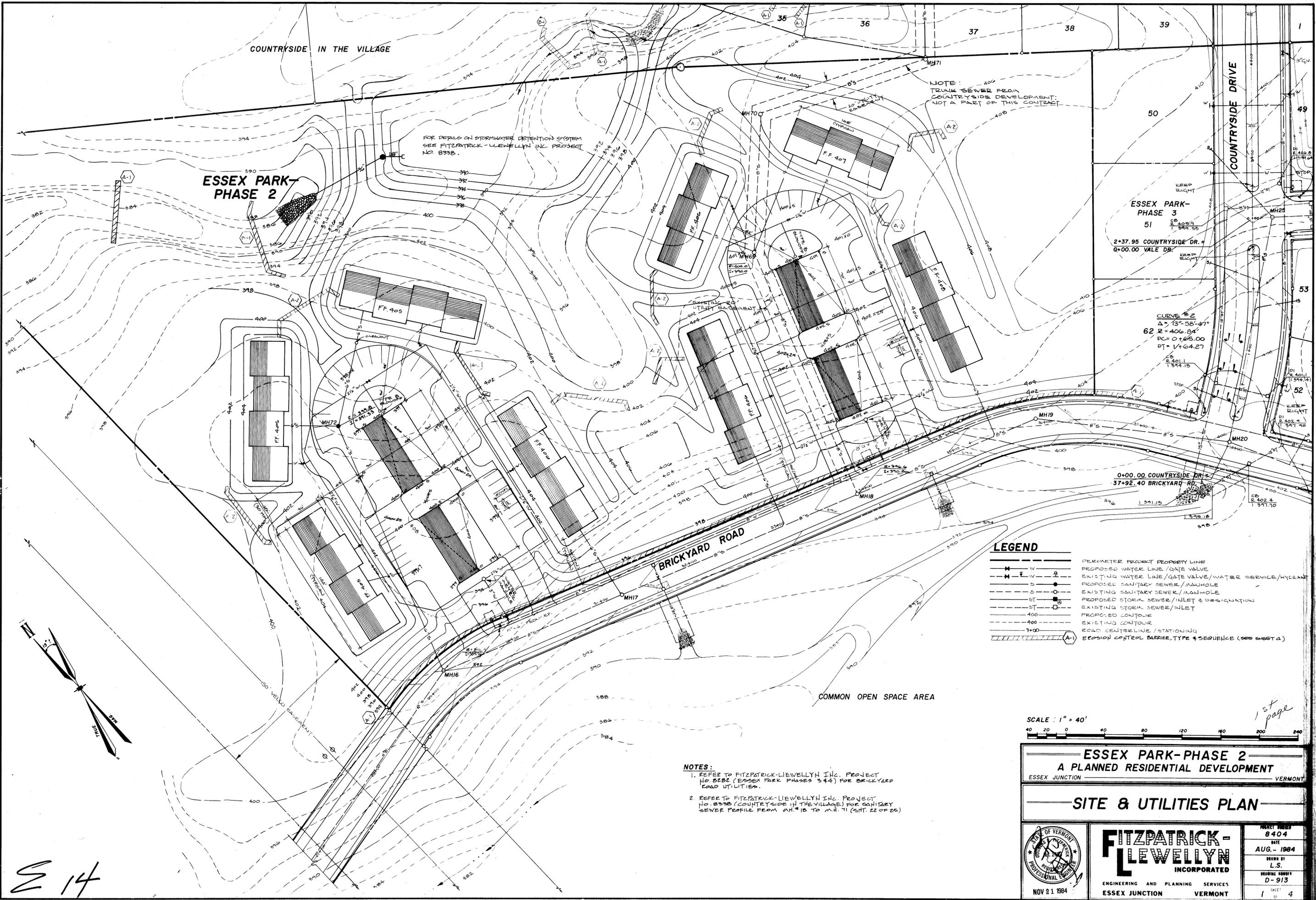
IMPORTANT NOTE:
BEFORE INSTALLING THE 30" STUB (WITH OR WITHOUT STEEL BODIED SANDS) - THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE VILLAGE OF ESSEX 24 HOURS NOTICE BEFORE THEY MAY BEGIN THE ENTIRE LENGTH OF PIPE IN PLACE.

DATA FOR SPRUCE CURVE #1
STATION 1+00 TO 1+50
RADIUS 100.00
CHORD 49.98
ANGLE 90.00

DATA FOR CURVE #1
STATION 1+50 TO 2+00
RADIUS 100.00
CHORD 49.98
ANGLE 90.00

TYPICAL BUILDING ENVELOPE





COUNTRYSIDE IN THE VILLAGE

ESSEX PARK-
PHASE 2

ESSEX PARK-
PHASE 3

FOR DETAILS ON STORMWATER DETENTION SYSTEM
SEE FITZPATRICK-LLEWELLYN INC. PROJECT
NO. 8338.

NOTE:
TRUNK SEWER FROM
COUNTRYSIDE DEVELOPMENT;
NOT A PART OF THIS CONTRACT

2+37.95 COUNTRYSIDE DR. =
0+00.00 VALE DR.

CURVE #2
 $\Delta = 13^{\circ} 58' 47''$
 $R = 406.84'$
 $PC = 0+65.00$
 $PT = 1+64.27$

0+00.00 COUNTRYSIDE DR. =
37+92.40 BRICKYARD RD.

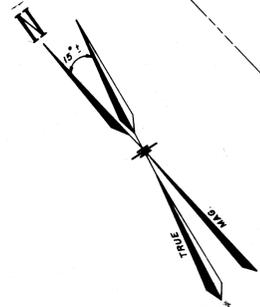
BRICKYARD ROAD

COUNTRYSIDE DRIVE

COMMON OPEN SPACE AREA

LEGEND

	PERIMETER PROJECT PROPERTY LINE
	PROPOSED WATER LINE/GATE VALVE
	EXISTING WATER LINE/GATE VALVE/WATER SERVICE/HYDRANT
	PROPOSED SANITARY SEWER/MANHOLE
	EXISTING SANITARY SEWER/MANHOLE
	PROPOSED STORM SEWER/INLET & DESIGNATION
	EXISTING STORM SEWER/INLET
	PROPOSED CONTOUR
	EXISTING CONTOUR
	ROAD CENTERLINE/STATIONING
	EROSION CONTROL BARRIER, TYPE & SEQUENCE (SEE SHEET A)



- NOTES:**
- REFER TO FITZPATRICK-LLEWELLYN INC. PROJECT NO. 8282 (ESSEX PARK PHASES 3 & 4) FOR BRICKYARD ROAD UTILITIES.
 - REFER TO FITZPATRICK-LLEWELLYN INC. PROJECT NO. 8338 (COUNTRYSIDE IN THE VILLAGE) FOR SANITARY SEWER PROFILE FROM M.H. 10 TO M.H. 71 (SHT. 22 OF 26).



ESSEX PARK-PHASE 2
A PLANNED RESIDENTIAL DEVELOPMENT

SITE & UTILITIES PLAN

NOV 21 1984

FITZPATRICK-LLEWELLYN
INCORPORATED

ENGINEERING AND PLANNING SERVICES
ESSEX JUNCTION VERMONT

MARKET NUMBER
8404

DATE
AUG. - 1984

DRAWN BY
L.S.

READING NUMBER
D-913

SHEET
1 OF 4

S 14

1st page

THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT 1-888-DIG-SAFE PRIOR TO ANY EXCAVATION.

No.	STATION & OFFSET	RM ELEV.
SM#1	10+27, RT, 8"	350.20
SM#2	11+30, LT, 28"	351.80
SM#3	13+30, LT, 7"	364.25
SM#4	15+20, LT, 12"	376.10
SM#5	-	378.70

START	INVERT	SDR35 PVC PIPE SIZE	LENGTH	SLOPE	INVERT	END
SM#1	343.35	8"	106'	0.0283	348.25	SM#2
SM#2	346.35	8"	198'	0.0390	354.00	SM#3
SM#3	354.20	8"	188.5'	0.0718	368.00	SM#4
SM#4	368.20	8"	194.5'	0.0098	370.10	SM#5
SM#5	368.40	8"	-	0.020 MIN.	-	BLDG
SM#6	370.30	8"	10'	0.01	370.40	STUB

No.	STATION & OFFSET	RM ELEV.	ORFICE ELEV.	18" OF CURB ELEV.
OMH#1	11+45, LT, 18"	352.40	345.80	346.50
OMH#2	11+88, RT, 51"	357.80	353.30	355.60

No.	TYPE	STATION & OFFSET	RM ELEV.
CB#1	I	10+41, LT, 8"	349.70
CB#2	I	10+88, RT, 9"	349.70
CB#3	I	11+13, RT, 11"	350.65
CB#4	I	12+17, LT, 15"	356.20
CB#5	I	12+17, RT, 11"	356.20
CB#6	I	13+00, LT, 11"	362.01
CB#7	I	13+72, RT, 14"	367.05
CB#8	I	14+71, LT, 11"	373.53
CB#9	I	-	373.80
CB#10	I	15+12, RT, 11"	375.82
CB#11	I	15+71, LT, 11"	379.08
CB#12	I	-	379.27
Y#1	-	-	358.50
Y#2	-	-	376.50
Y#3	-	-	379.00

START	INVERT	PE OR PVC PIPE SIZE	LENGTH	SLOPE	INVERT	END
CB#1	345.55	15"	33'	0.0091	345.85	CB#2
CB#2	345.55	15"	8'	0.0313	345.45	ST#3
CB#3	346.85	15"	33'	0.0370	345.63	EXIST CB
CB#4	346.15	15"	25'	0.0200	346.65	CB#4
CB#5	346.85	15"	20.5'	0.0411	355.00	Y#1
CB#6	346.65	15"	110'	0.0458	351.70	CB#6
CB#7	351.70	15"	23'	0.0130	352.00	CB#6
CB#8	352.00	15"	83'	0.0508	358.20	CB#7
CB#9	355.48	15"	55'	0.0050	355.19	ST#2
CB#10	356.20	15"	75'	0.0960	363.40	CB#8
CB#11	363.40	15"	98'	0.0469	368.00	CB#9
CB#12	368.00	15"	101'	0.005	368.50	CB#10
CB#13	367.79	15"	70'	0.0049	367.45	ST#1
CB#14	368.50	15"	84'	0.0345	371.40	CB#11
CB#15	371.40	15"	119'	0.0160	373.30	CB#13
CB#16	371.40	15"	83'	0.0223	372.80	CB#12
CB#17	372.80	15"	70'	0.0086	373.40	Y#2
CB#18	372.80	15"	76'	0.0420	376.00	Y#3
OMH#1	346.31	15"	93'	0.005	345.85	CB#2
OMH#2	345.15	6"	15'	0.0087	345.25	HEADER
OMH#3	345.15	15"	80'	0.0058	352.00	OMH#2
OMH#4	352.00	6"	51'	0.005	352.25	UD
OMH#5	354.60	6"	10'	0.030	354.90	HEADER

No.	STATION & OFFSET	SM	ORFICE MANHOLE
1	11+72.5, RT, 17"	SM	ORFICE MANHOLE
2	13+87, LT, 15"	CB	CATCH BASIN
3	15+00, LT, 28"	YI	YARD INLET
		UD	UNDERDRAIN
		ST	SEDIMENTATION TANK

THIS PLAN WAS REVISED ON 11-5-04 TO SHOW THE RECORD LOCATION OF THE BUILDINGS, SIDEWALKS, AND BIKE RACK. ALL OTHER INFORMATION SHOWN IS DESIGN. SEE ALSO SHEET 3R FOR RECORD DRAWING DATA.

DATE	DESCRIPTION	BY
11-5-04	REVISE BLDGS AND SIDEWALKS PER CONSTRUCTION	ABR
2-13-03	ADD ROOF DRAIN COLLECTION PIPING	ABR
9-5-02	EDIT STORM MANHOLE 2 / ORFICE & BAFFLE ELEV	ABR
9-4-02	REVISED SMH #1	ABR
08/28/02	REVISED SMH #1 & 2	LAL/ABR
05/23/02	REVISED BLDG 'D' FIN. FLR. ELEV.	JT
04/05/02	ADD NOTE RE: STAB ENTR / ADD LIMITS OF CONSTR.	ABR
03/28/02	ADJUST W. LOCATION AROUND GALLERY #1	ABR
02/04/02	279' OF IRON FENCE ADDED	PM
01/04/02	REVISED PER VILLAGE REVIEW	JT
12/13/01	REVISED PER VILLAGE REVIEW	JT

DATE	DESCRIPTION	BY

THESE PLANS WITH LATEST REVISIONS SHOULD ONLY BE USED FOR THE PURPOSE SHOWN BELOW:

<input type="checkbox"/>	SKETCH/CONCEPT	15
<input type="checkbox"/>	PRELIMINARY	
<input checked="" type="checkbox"/>	FINAL	
<input type="checkbox"/>	RECORD DRAWING	

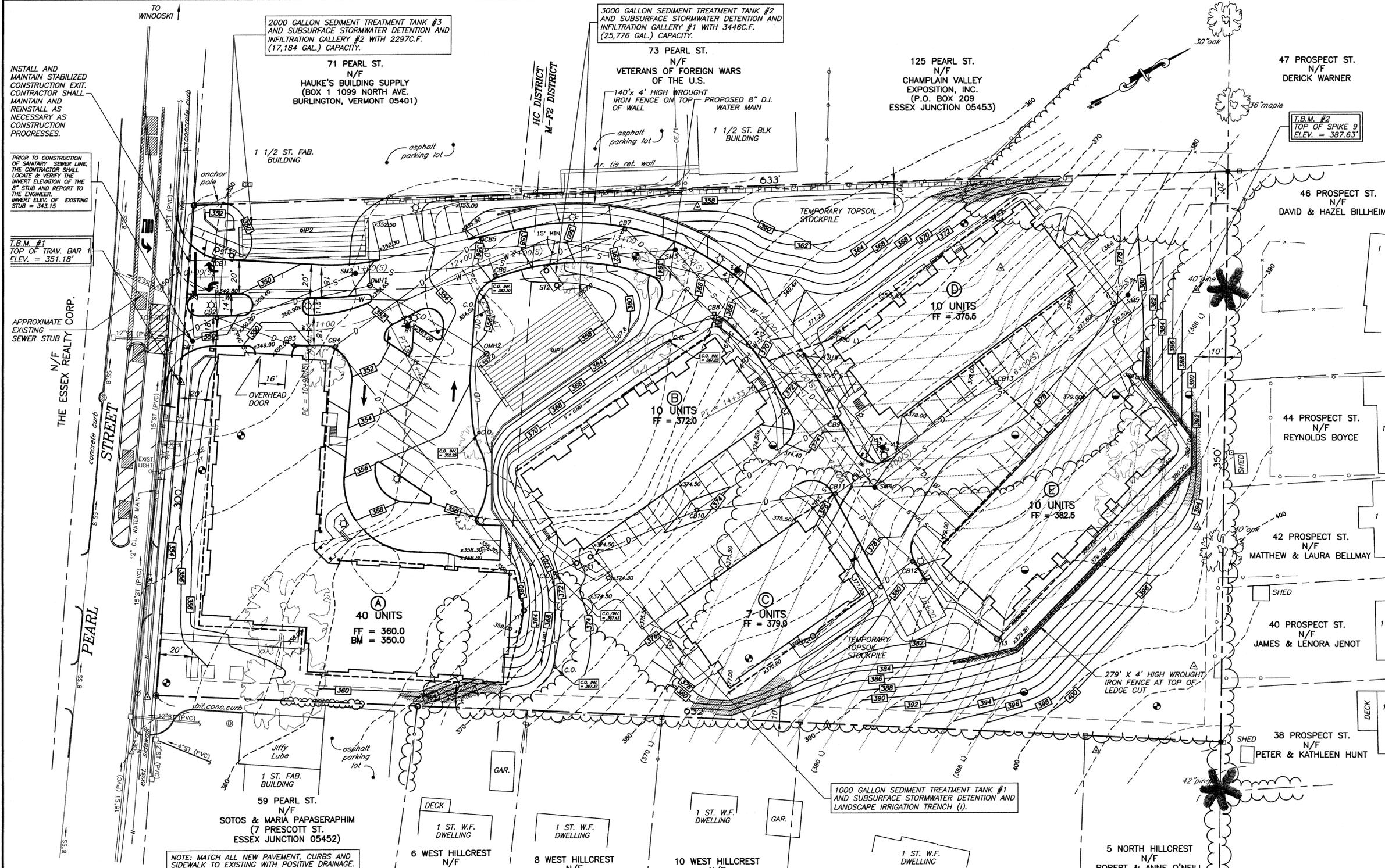
PROPOSED GRADING & DRAINAGE PLAN

HIGHLAND VILLAGE
65-69 PEARL STREET
ESSEX JUNCTION, VERMONT 05452

LAMOUREUX & DICKINSON
Consulting Engineers Inc.
14 Morse Drive
Essex Junction, VT 05452
(802) 878-4450

Engineers-Planners-Surveyors

proj. no. 01029
survey DVR/JMD
design JT/LAL
drawn JT
checked LAL/AR
date 11/08/01
scale AS SHOWN
sht. no. 3



INSTALL AND MAINTAIN STABILIZED CONSTRUCTION EXIT. CONTRACTOR SHALL MAINTAIN AND REINSTALL AS NECESSARY AS CONSTRUCTION PROGRESSES.

PRIOR TO CONSTRUCTION OF SANITARY SEWER LINE, THE CONTRACTOR SHALL LOCATE & VERIFY THE INVERT ELEVATION OF THE 8" STUB AND REPORT TO THE ENGINEER. INVERT ELEV. OF EXISTING STUB = 343.15

T.B.M. #1
TOP OF TRAV. BAR
ELEV. = 351.18'

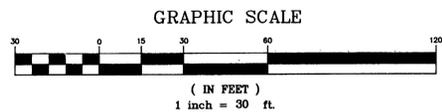
2000 GALLON SEDIMENT TREATMENT TANK #3 AND SUBSURFACE STORMWATER DETENTION AND INFILTRATION GALLERY #2 WITH 2297C.F. (17,184 GAL.) CAPACITY.

3000 GALLON SEDIMENT TREATMENT TANK #2 AND SUBSURFACE STORMWATER DETENTION AND INFILTRATION GALLERY #1 WITH 3446C.F. (25,776 GAL.) CAPACITY.

1000 GALLON SEDIMENT TREATMENT TANK #1 AND SUBSURFACE STORMWATER DETENTION AND LANDSCAPE IRRIGATION TRENCH (I).

LEGEND:

- PROJECT PROPERTY LINE
- - - ABUTTING PROPERTY LINE
- - - NOW OR FORMERLY EXISTING WATER SHUT OFF EXISTING SIGN
- IRF IRON REBAR FOUND
- IPF IRON PIPE FOUND
- CMS CONCRETE MONUMENT SET
- CMF CONCRETE MONUMENT FOUND
- - - EXISTING UTILITY POLE
- - - EXISTING CONTOUR LINE
- - - EXISTING APPROXIMATE LEDGE CONTOUR LINE
- - - EXISTING WATER LINE WITH VALVE AND HYDRANT
- - - EXISTING STORM SEWER AND CATCH BASIN
- - - EXISTING SANITARY SEWER AND MANHOLE
- - - EXISTING WATER LINE WITH VALVE AND HYDRANT
- - - EXISTING GAS LINE WITH VALVE
- - - EXISTING WIRE FENCE
- - - EXISTING CHAIN LINK FENCE
- - - EXISTING BUILDING SETBACK
- - - EXISTING PICKET FENCE
- CB2 PROPOSED CATCH BASIN
- OMH2 PROPOSED ORFICE MANHOLE
- Y12 PROPOSED YARD INLET
- C.O. PROPOSED CLEAN OUT
- IP2 PROPOSED INSPECTION PORT
- ST2 PROPOSED SEDIMENT TANK ACCESS
- W.V. PROPOSED WATER VALVE
- H. PROPOSED HYDRANT
- S.E. FINISH GRADE ELEVATION
- S.C.P. SURVEY CONTROL POINT
- PROPOSED SIDELINE OF EASEMENT
- PROPOSED PVC, SDR 35 STORM PIPE
- PROPOSED D.I. WATER PIPE
- PROPOSED PERF. PVC, SDR 35 IRRIGATION PIPE
- PROPOSED PERF. PVC, SDR 35 UNDERDRAIN PIPE
- TEMPORARY SILT FENCE WITH HAY BALES
- ROOF DRAIN COLLECTOR PIPE

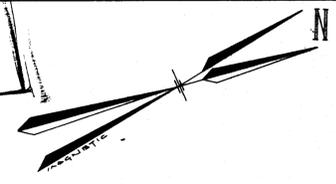


- NOTES:**
- ELEVATIONS ARE BASED ON USGS BRASS DISK STAMPED "C95013" ELEVATION = 340.70'.
 - EXISTING TOPOGRAPHIC INFORMATION WAS OBTAINED FROM SUMMIT ENGINEERING LLC, 50 JOY DRIVE, SOUTH BURLINGTON, VT. AND VERIFIED BY THIS OFFICE.

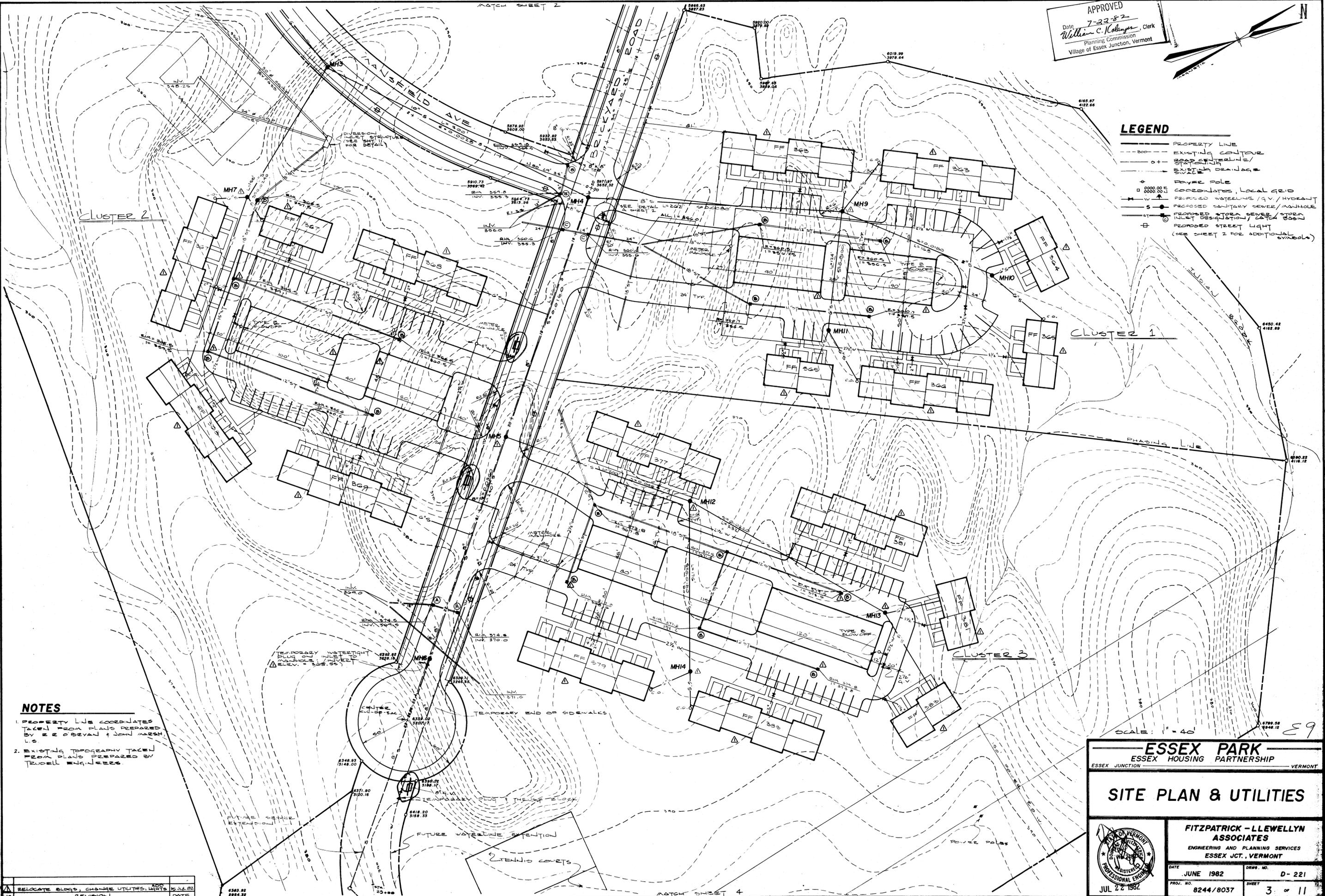
- ROOF DRAIN COLLECTOR PIPE NOTES:**
- COORDINATE INSTALLATION OF PIPES AND ROOF DRAIN CONNECTIONS WITH OWNER. LENGTH OF PIPE RUNS ALONG BUILDINGS TO BE DETERMINED BY LOCATION OF DOWNSPOUTS IN COORDINATION WITH OWNER.
 - PIPING AROUND BUILDING 'A' SHALL BE 8" PVC, WITH 6" PVC USED AT BUILDINGS B, C, D, & E. MINIMUM SLOPE = 1%.
 - CLEANOUTS SHALL BE PROVIDED AT BENDS AND AT THE END RUNS WHERE A DOWNSPOUT IS NOT CONNECTED. USE (2) 45° BENDS IN PLACE OF 90° ELBOWS.
 - CONNECTIONS TO EXISTING STORM PIPE OR STRUCTURES SHALL BE MADE BY CORING WITH WATERTIGHT CONNECTIONS USING FITTINGS OR RUBBER BOOTS AT ALL PIPE OPENINGS / CONNECTIONS

A108

APPROVED
 Date 7-22-82
 William C. Colangelo, Clerk
 Planning Commission
 Village of Essex Junction, Vermont



- LEGEND**
- PROPERTY LINE
 - - - EXISTING CONTOUR
 - 0+ ROAD CENTERLINE/STREETLINE
 - EXISTING DRAINAGE
 - ⊕ POWER POLE
 - COORDINATES, LOCAL GRID
 - PROPOSED WATERLINE / Q.V. / HYDRANT
 - ⊙ PROPOSED SANITARY SEWER / MANHOLE
 - ⊙ PROPOSED STORM SEWER / STORM WAST DISPOSITION CATCH BASIN
 - ⊕ PROPOSED STREET LIGHT (SEE SHEET 2 FOR ADDITIONAL SYMBOLS)



- NOTES**
1. PROPERTY LINE COORDINATES TAKEN FROM PLANS PREPARED BY E. E. O'BRYEN & JOHN MARSH L.S.
 2. EXISTING TOPOGRAPHY TAKEN FROM PLANS PREPARED BY TRUDEL ENGINEERS.

SCALE: 1" = 40'

ESSEX PARK
 ESSEX HOUSING PARTNERSHIP
 ESSEX JUNCTION VERMONT

SITE PLAN & UTILITIES

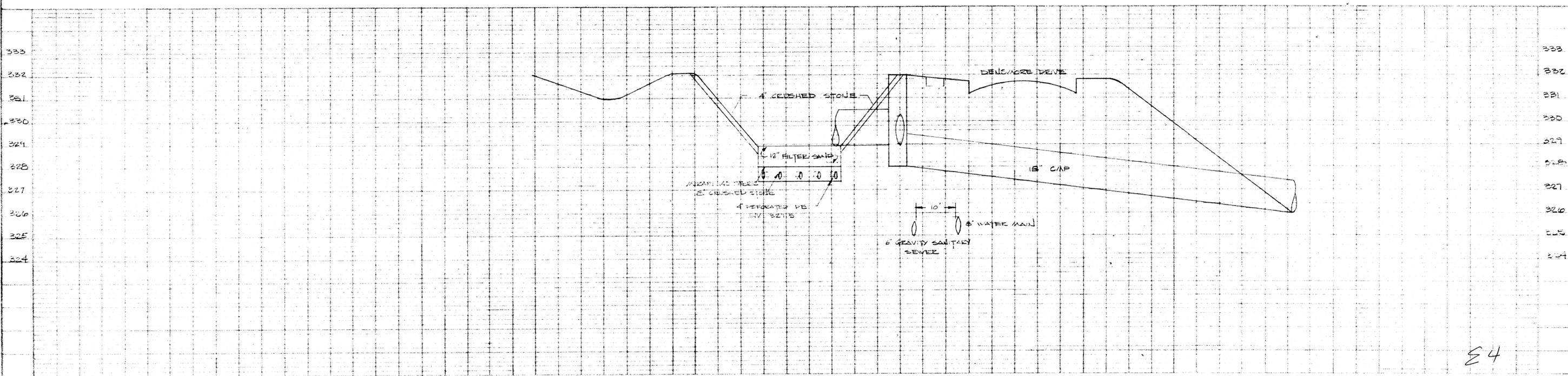
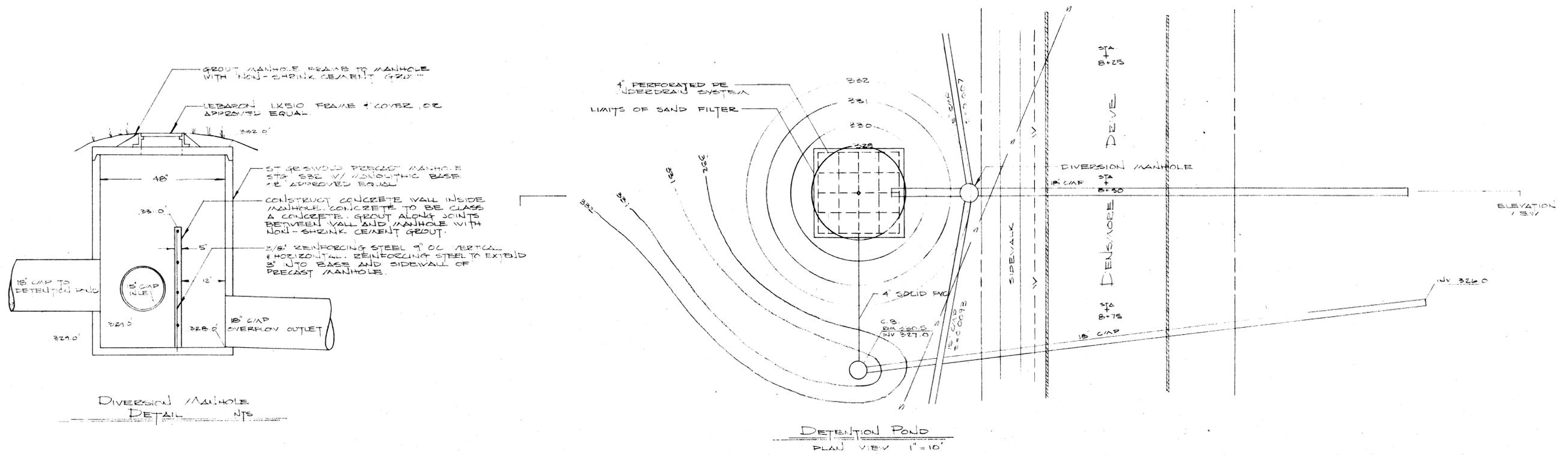


FITZPATRICK - LLEWELLYN ASSOCIATES
 ENGINEERING AND PLANNING SERVICES
 ESSEX JCT., VERMONT

DATE	JUNE 1982	DRAW. NO.	D-221
PROJ. NO.	8244/8037	SHEET	3 of 11

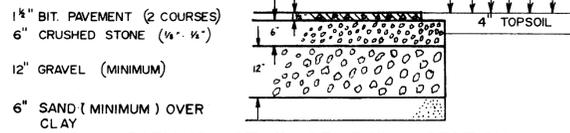
RELOCATE BLDG, CHANGE UTILITIES, LUMP	15 JUL 82	6383.00
REVISION	DATE	8284.32

MATCH SHEET 4



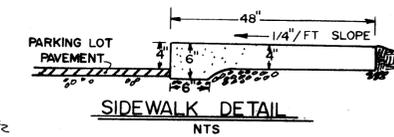
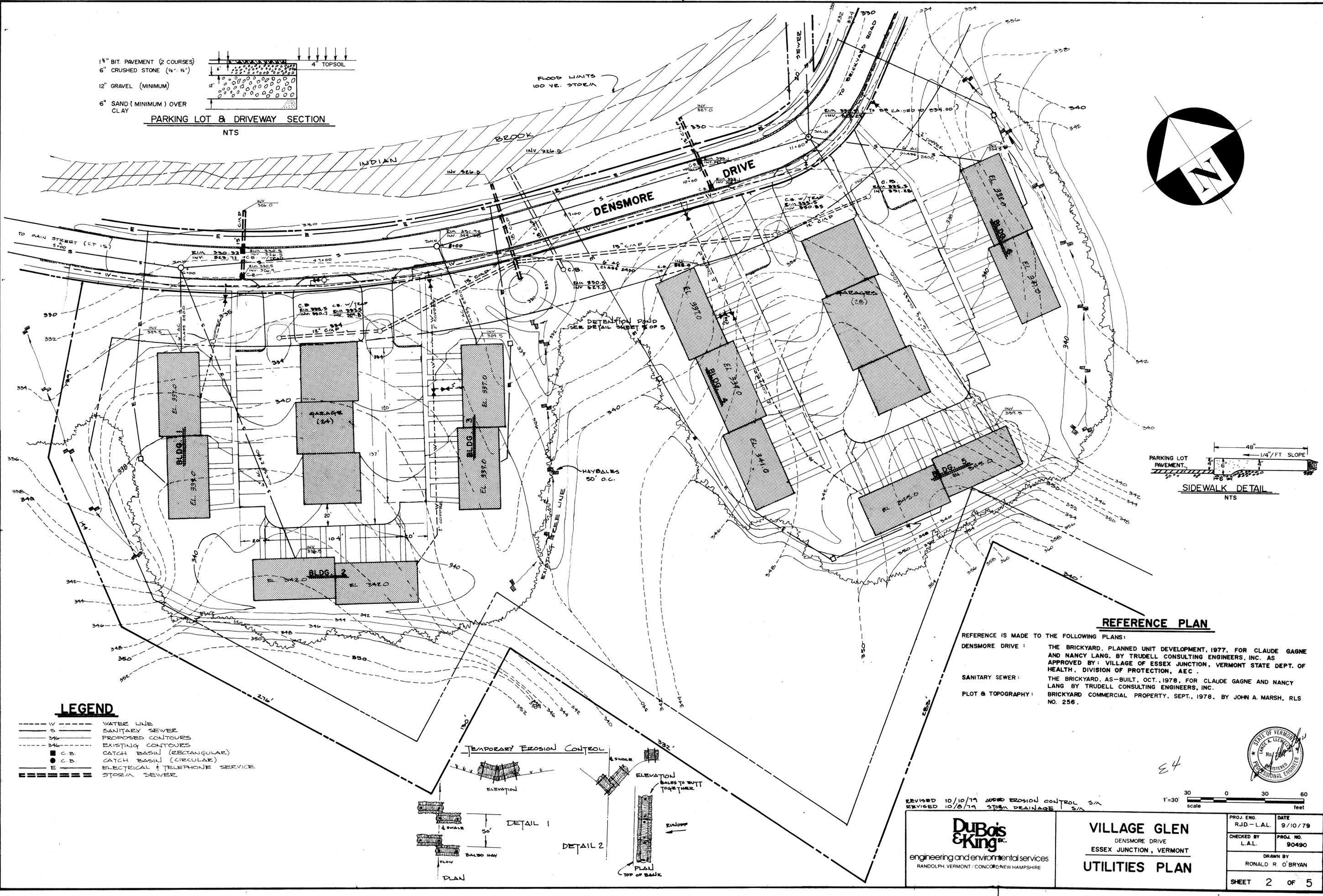
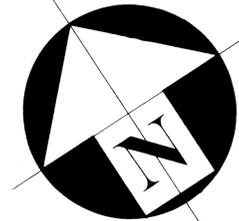
34

		VILLAGE GLEN DENSMORE DRIVE ESSEX JUNCTION, VERMONT STORMWATER FILTRATION POND	DATE 10/9/79
			PROJ. NO. 90490
engineering and environmental services RANDOLPH, VERMONT • CONCORD, NEW HAMPSHIRE, ESSEX JUNCTION, VERMONT			CHECKED BY L.A.L.
			DRAWN BY RONALD R. BRYAN
			SHEET 5 OF 5



PARKING LOT & DRIVEWAY SECTION
NTS

NTS

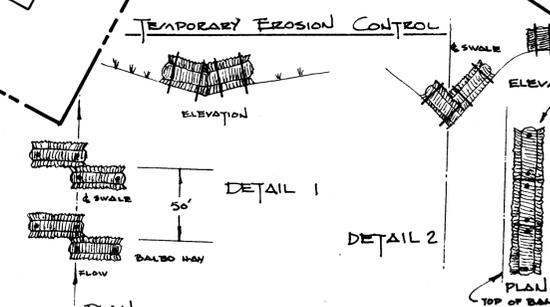


REFERENCE PLAN

REFERENCE IS MADE TO THE FOLLOWING PLANS:
DENSMORE DRIVE : THE BRICKYARD, PLANNED UNIT DEVELOPMENT, 1977, FOR CLAUDE GAGNE AND NANCY LANG, BY TRUDELL CONSULTING ENGINEERS, INC. AS APPROVED BY: VILLAGE OF ESSEX JUNCTION, VERMONT STATE DEPT. OF HEALTH, DIVISION OF PROTECTION, AEC.
SANITARY SEWER : THE BRICKYARD, AS-BUILT, OCT., 1978, FOR CLAUDE GAGNE AND NANCY LANG BY TRUDELL CONSULTING ENGINEERS, INC.
PLOT & TOPOGRAPHY : BRICKYARD COMMERCIAL PROPERTY, SEPT., 1978, BY JOHN A. MARSH, RLS NO. 256.

LEGEND

- W --- WATER LINE
- S --- SANITARY SEWER
- 3/16 --- PROPOSED CONTOURS
- 3/16 --- EXISTING CONTOURS
- C.B. CATCH BASIN (RECTANGULAR)
- C.B. CATCH BASIN (CIRCULAR)
- E --- ELECTRICAL & TELEPHONE SERVICE
- ==== STORM SEWER



REVISED 10/10/79 ADDD EROSION CONTROL S/A
 REVISED 10/8/79 STORM DRAINAGE S/A



 engineering and environmental services RANDOLPH, VERMONT / CONCORD, NEW HAMPSHIRE	VILLAGE GLEN DENSMORE DRIVE ESSEX JUNCTION, VERMONT UTILITIES PLAN		PROJ. ENG. R.J.D.-L.A.L.	DATE 9/10/79
	CHECKED BY L.A.L.		PROJ. NO. 90490	DRAWN BY RONALD R. O'BRYAN
			SHEET 2 OF 5	