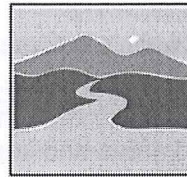


Shoreland Permit Applicationfor a **Shoreland Protection Permit** under
Chapter 49A of Title 10, § 1441 *et seq.***For Shoreland Permitting Use Only**

Application Number: 268

VERMONT DEPARTMENT OF
ENVIRONMENTAL CONSERVATION**WATERSHED
MANAGEMENT DIVISION**

LAKES & PONDS PROGRAM

Public Notice: At the same time this application is filed with Shoreland Permitting, a copy of this application must be provided to the municipal clerk for posting in the municipality in which the project is located.Submission of this application constitutes notice that the person in Section A intends to create impervious surface and/or cleared area within the Protected Shoreland Area, and certifies that the project will comply with Chapter 49A of Title 10, § 1441 *et seq.* All information required on this form must be provided, and the requisite fees (Section G) must be submitted made payable to the State of Vermont, to be deemed complete. Refer to *The Vermont Shoreland Protection Act - A Handbook for Shoreland Development* and related instructions for guidance in completing this application.**A. Parcel Information**

1. Landowner's Name: Margaret and Alban Richey

2a. Physical Address (911 Address): 422 North Shore Rd

2b. Town - County: Danville - Caledonia

2c. Zip: 05828

3. SPAN*: 174-055-11165

4. Phone: 802-223-6560

5. Email:

6. Name of lake/pond: Joes Pond - Danville

7. Total shore frontage: 400.00 (feet)

8. Was the parcel of land created before July 1, 2014? Yes No9. Are there wetlands associated with this parcel? Yes NoContact the Wetlands Program: (802) 828-1535 or www.anr.state.vt.us/dec/waterq/wetlands.htm.10. Is there a lake encroachment permit associated with this parcel? Yes No Permit #: _____Contact Lake Encroachment Permitting: www.anr.state.vt.us/dec/waterq/permits/html/pm_encroachment.htm

11. What is the surface area of your parcel within the Protected Shoreland Area (PSA): 74,052 (square feet)

See The Vermont Shoreland Protection Act - A Handbook for Shoreland Development, Appendix C, Determining Lakeside Zone & PSA

12. What is the surface area of existing impervious surface on your parcel within the PSA: 5,750 (square feet)

See The Vermont Shoreland Protection Act - A Handbook for Shoreland Development, Appendix F, Calculating Percent Impervious Surface

13. What is the surface area of existing cleared area on your parcel within the PSA: 67,000 (square feet)

See The Vermont Shoreland Protection Act - A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing

B. Applicant Contact Information

1. Name: Margaret and Alban Richey

2a. Mailing Address: 171 Westview Meadows Road, APT 6

2b. Municipality: Montpelier

2c. State: Vermont

2d. Zip: 05602-3391

3. Phone: 802-223-6560

4. Email:

C. Application Preparer Information (if the individual preparing the application is not the landowner)

1. Name: David L. Frothingham III

2a. Mailing Address: PO Box 1576

2b. Municipality: Montpelier

2c. State: Vermont

2d. Zip: 05601-1576

3. Phone: 802-223-4727

4. Email: david.frothingham@dirsteel.com

*SPAN: The "School Parcel Account Number" is required for your application to be deemed complete. It can be obtained from your property tax bill. If you cannot locate your property tax bill, please obtain this information from your Town Clerk. SPAN is a unique identification number for each parcel of property in the State of Vermont consisting of eleven digits. The first three digits identify the town; the next three digits identify the school district; and the last five digits represent the unique parcel or property.

D. Project Description

1. Describe the proposed project. For this application to be considered administratively complete you must attach site plans that denote existing and proposed cleared areas and impervious surface and their distances from mean water level, no fewer than three photos of the project area, and dimensions and associated surface areas of cleared areas and impervious surfaces.

The Richey's are proposing to construct an addition to their camp at Joe's Pond. The 74,052 sf parcel has an existing impervious area of 5,750 sf and a total cleared area of about 67,000 sf. The addition is proposed to be located at the northwest end of the camp and will extend 14' off from the existing camp which is about 42 feet from MWL. The new impervious area created will total 280 sf. The total cleared area on the property would be increased by 350 sf. The distance from MWL to the proposed cleared/impervious area is 52 feet.

2. For developed parcels, how far is the existing habitable structure from Mean Water Level 42 (feet), and how far will new cleared area or impervious surface be from MWL 52 (feet)?

OR

For undeveloped parcels, how far will new cleared area or impervious surface be from MWL _____ (feet)?

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix A – Estimating Mean Water Level

3. Can all new cleared area or impervious surface be set back at least 100 feet from MWL? Yes No
If no, explain why below (attach support information as needed):

The proposed project is an addition to an existing building which is about 42 feet from MWL, the proposed addition and clearing does not reduce this distance as it is proposed to be at least 52 feet away from MWL.

4a. What is the slope of the project site area: 15.00 %

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix B, Determining Slope

4b. Is the slope of the project area less than 20%?

Yes No If yes, skip 4c.

4c. If no above (4b), describe the measures taken to ensure the slope is stable, resulting in minimal erosion and impacts to water quality (attach support information as needed):

N/A

5a. What is the surface area of new impervious surface associated with this project: 168.00 (square feet)

See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix F Calculating Percent Impervious Surface

5b. What is the total resulting impervious surface after completion of the project and prior to implementation of best management practices:

5,918.00 (square feet) and is that 20% or less of the parcel area within the PSA? Yes No

If yes, skip 5c.

5c. If no above (5b), describe the best management practices used to manage, treat and control erosion from stormwater from the portion of impervious that exceeds 20% (attach support information as needed).

N/A

<p>6a. What is the surface area of new cleared area associated with this project: <u>40.0</u> (square feet) See The Vermont Shoreland Protection Act – A Handbook for Shoreland Development, Appendix E, Calculating Percent Clearing</p>	<p>6b. What is the total resulting cleared area* after completion of the project and prior to implementation of best management practices: <u>67,040</u> (square feet) and is that 40% or less of the parcel area within the PSA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, skip 6c. *Total cleared area includes impervious surface area.</p>									
<p>6c. If no above (6b), describe the best management practices used to provide erosion control, bank stability, and wildlife habitat functionally equivalent to clearing less than 40% (attach support information as needed).</p> <p>The parcel is already mostly cleared and has well established grass cover and a few individual trees, this project proposes an increase in cleared area of <u>40</u> sf.</p> <p>Within construction limits: On slopes greater than 1:4 erosion control matting will be installed, Silt fences are to be used during construction. After construction, grass cover will be re-established in disturbed/cleared areas. The sewer line can not have trees within 10 feet as it will jeopardize the line.</p>										
<p>E. Landowner Certification As APPLICANT, I hereby certify that the statements presented on this application are true and accurate and recognize that by signing this application, I agree to complete all aspects of the project as authorized. I understand that failure to comply with the foregoing may result in violation of the Shoreland Protection Act, 10 V.S.A. Chapter 49A, and the Vermont Agency of Natural Resources may bring an enforcement action for violations of the Act pursuant to 10 V.S.A. chapter 201.</p> <p style="text-align: center;"><i>Alban Richey</i></p> <p>Applicant/Landowner Signature: <u>Margaret Richey by Alban Richey</u> Date: <u>3/2/16</u></p>										
<p>F. Application Preparer Certification (if applicable) As APPLICATION PREPARER, I hereby 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, 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.</p> <p>Application Preparer Signature: <u>Don L. Fredrickson</u> Date: <u>3/8/16</u></p>										
<p>G. Additional Required Documentation (please check to ensure you have completed the following)</p> <p><input type="checkbox"/> All sections of the application are complete (or otherwise indicate "not applicable")</p> <p><input type="checkbox"/> Application includes site plans denoting existing and proposed cleared area and impervious surface and distances from mean water level</p> <p><input type="checkbox"/> Application description includes dimensions and surface areas of cleared areas and impervious surfaces</p> <p><input type="checkbox"/> Application includes photos of project area</p>										
<p>H. Permit Application Fees</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Administrative Fee: \$125.00</td> <td style="width: 30%;"></td> <td style="width: 30%; text-align: right;">\$ 125.00</td> </tr> <tr> <td>Impervious Area Fee: \$0.50 per square foot</td> <td>Enter new impervious area as entered in item (5a.) <u>1680</u> x .5</td> <td style="text-align: right;">\$ <u>84.00</u></td> </tr> <tr> <td>Total:</td> <td></td> <td style="text-align: right;">\$ <u>209.00</u></td> </tr> </table>		Administrative Fee: \$125.00		\$ 125.00	Impervious Area Fee: \$0.50 per square foot	Enter new impervious area as entered in item (5a.) <u>1680</u> x .5	\$ <u>84.00</u>	Total:		\$ <u>209.00</u>
Administrative Fee: \$125.00		\$ 125.00								
Impervious Area Fee: \$0.50 per square foot	Enter new impervious area as entered in item (5a.) <u>1680</u> x .5	\$ <u>84.00</u>								
Total:		\$ <u>209.00</u>								

Print Form

Submit this form and application fee, payable to:

State of Vermont
Vermont Department of Environmental Conservation
Watershed Management Division
Shoreland Permitting
1 National Life Drive, Main 2
Montpelier, VT 05620-3522

Direct all correspondence or questions to Shoreland Permitting
at: ANR.WSMDSshoreland@vermont.gov

For additional information visit:
www.watershedmanagement.vt.gov

Christopher J. Temple, PE
President

David L. Frothingham III, PE
Vice President



Nicole D. Crum, PE
Zarabeth M. Duell, PE
Alicia A. Feiler, PE
Nathan M. Phillips, PE
John J. Svagzdys, PE

March 9, 2016

Mark Mitchell
Vermont Department of Environmental Conservation
Watershed Management Division
Shoreland Permitting
1 National Life Drive, Main 2
Montpelier, VT 05620-3522



Reference: **Richey Camp Addition, Danville, Vermont**

Dear Mark:

Please find enclosed a Shoreland Permit Application for the Richey Camp Addition project at 422 North Shore Road in Danville, Vermont. The Richey's are proposing to construct an addition to their camp at Joe's Pond. The addition is proposed to be located on the northwest end of the camp and will extend 14' from the existing camp. This will require the relocation of an existing sewer force main. The 1.7 acre parcel currently has 2 camps with gravel drives as well as a garage and 2 shed which total 5,750 sf of impervious. The site currently has about 67,000 of cleared grass space. The entire parcel is located within the Protected Shorelands Area (PSA). The proposed addition will create 168 sf of additional impervious surface and about 40 sf of additional clearing on the property.

If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink that reads "David L. Frothingham III".

David L. Frothingham III, P.E.

Enclosures

Site Plan
Site Photos

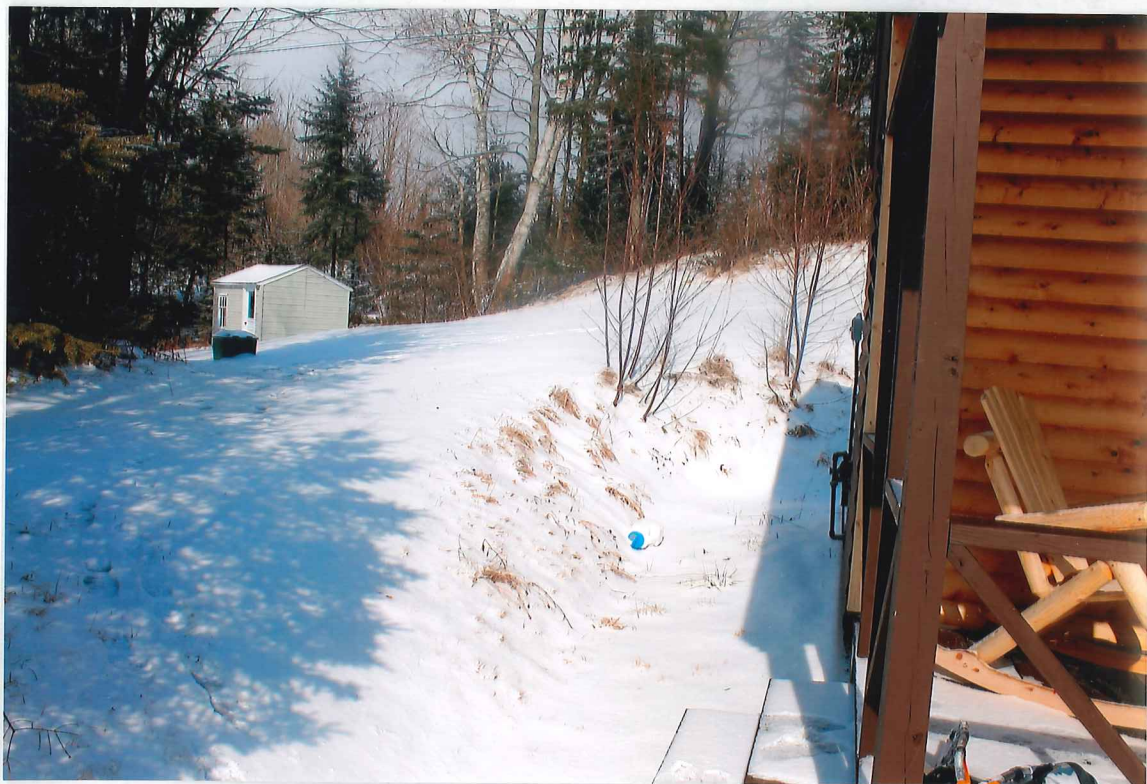
Cc: Margaret and Alban Richey
Chris Bissell

Surveying
Permitting
Site Design
Subdivisions
Timber Design
Expert Testimony
Site Development
Act 250 Permitting
Forensic Engineering
Environmental Permitting
Transportation Engineering
Structural Inspection Services
Commercial Building Design
Construction Oversight
Building Assessment
Pedestrian Bridges
Stream Alterations
Sewer Design
Water Supply
Storm Water
Hydrology
Grading

317 River Street
P. O. Box 1576
Montpelier, VT
05601-1576
phone: 802.223.4727
fax: 802.223.4740
www.dirtsteel.com

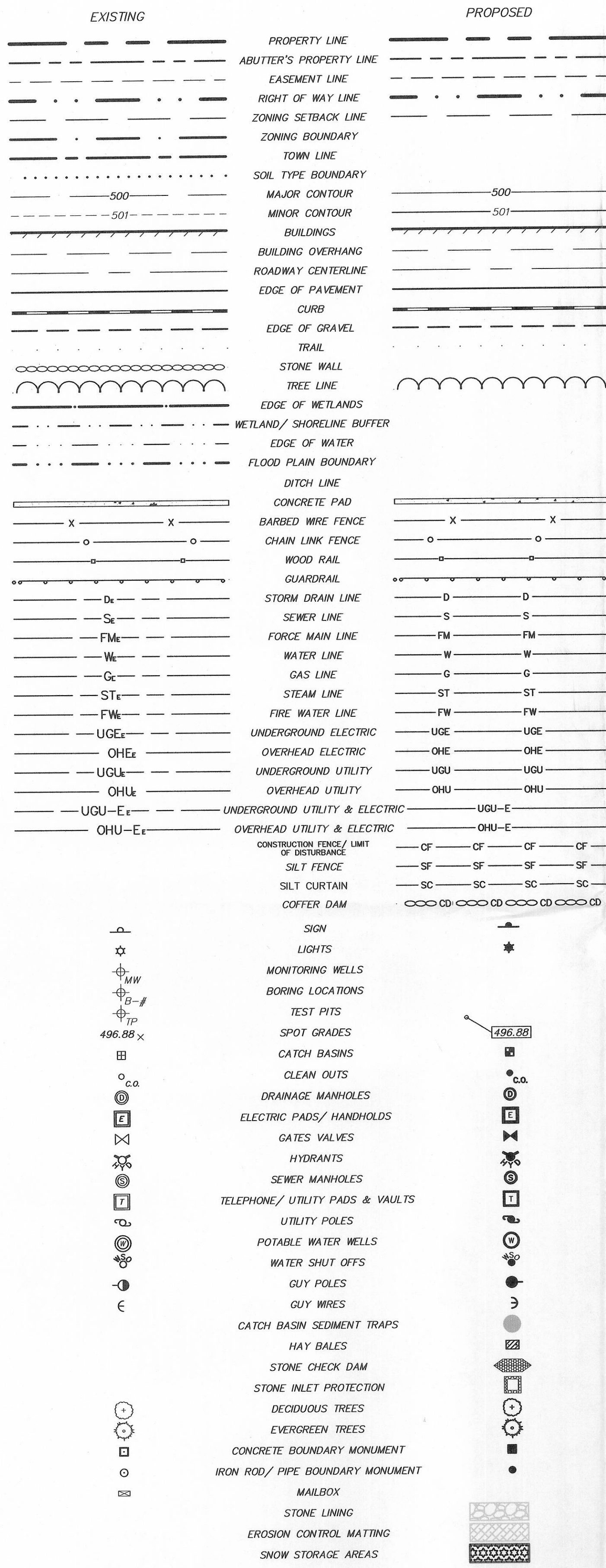








LEGEND



STANDARD ABBREVIATIONS

- BCC - BITUMINOUS CONCRETE CURB
VGC - VERTICAL GRANITE CURB
SGC - SLOPED GRANITE CURB
CCG - CAST-IN-PLACE CONCRETE CURB
PCC - PRECAST CONCRETE CURB
ICC - INTEGRAL CONCRETE CURB
RCC - REINFORCED CONCRETE CURB
BCP - BITUMINOUS CONCRETE PAVEMENT
GRV - GRAVEL DRIVE SURFACE
PCS - PORTLAND CEMENT CONCRETE SIDEWALK
BCS - BITUMINOUS CONCRETE SIDEWALK
CB - CATCH BASIN
DMH - DRAINAGE MANHOLE
SMH - SEWER MANHOLE

GENERAL NOTES

- 1 GENERAL:
1.1 ALL WORK SHALL BE PERFORMED IN A FIRST CLASS MANNER...
1.2 ALL EXISTING UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE...
1.3 THE LIMITS OF SITE WATER AND SEWER WORK SHALL TERMINATE 2'-0" INSIDE THE BUILDING...
1.4 GAS AND ELECTRIC LINES SHALL BE EXCAVATED AND BACKFILLED BY THE SITE CONTRACTOR...
1.5 USE THESE CIVIL DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL, STRUCTURAL, ELECTRICAL, LANDSCAPING & MECHANICAL DRAWINGS...
1.6 ALL DIMENSIONS AND ELEVATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR DURING CONSTRUCTION...
1.7 CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES, AND UTILITY LINES FROM ALL DAMAGE...
1.8 CONTRACTOR IS RESPONSIBLE FOR ADEQUATE BRACING OF WALLS AND/OR SHORING OF EXCAVATIONS DURING CONSTRUCTION...
1.9 THE CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS AND SUBMITTALS BEFORE SUBMISSION TO THE ENGINEER...
1.10 BACKFILL INSIDE OF FOUNDATION WALLS, UNDER CONCRETE SURFACES, AND UNDER PAVED SURFACES WITH IMPORTED BANK RUN GRAVEL...
1.11 GENERAL BACKFILL SHALL BE COMPACTED TO 90% OF THE MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT, ASTM D1557.
2 CONCRETE:
2.1 ALL CONCRETE AND REINFORCING WORK SHALL BE IN STRICT ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-11)"...
2.2 MAXIMUM W/C RATIO FOR 4000 PSI CONCRETE: 0.44
2.3 CONCRETE SHALL BE PROTECTED FROM FREEZING...
2.4 ALL CONCRETE SHALL BE PLACED IN THE DRY...
2.5 CONCRETE SHALL BE SO PROPORTIONED SO AS TO HAVE A MAXIMUM SLUMP OF 4".
2.6 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE SETTING SCREEDS AND FORMS...
2.7 SLABS SHALL BE WET CURED USING BURLAP COVER TO KEEP ENTIRE SURFACE CONTINUOUSLY MOIST FOR A MINIMUM OF SEVEN DAYS.
2.8 DURING PLACEMENT OF CONCRETE, USE TREMIE OR OTHER MEANS TO LIMIT FREE-FALL OF CONCRETE TO 5 FEET.
2.9 CONCRETE SHALL BE CONSOLIDATED BY VIBRATION, SPADING, OR RODDING SO THE CONCRETE IS THOROUGHLY WORKED AROUND THE REINFORCEMENT...
3 REINFORCING STEEL:
3.1 REINFORCING STEEL SHALL BE NEW BILLET STEEL, ASTM A615, Fy=60 KSI.
3.2 THE MINIMUM CLEAR DISTANCE FROM REINFORCING STEEL TO ADJACENT SURFACE SHALL BE: 3" FROM BOTTOM OF SLAB ON GRADE AND 2" FROM EDGES OF SLAB ON GRADE.
3.3 PROVIDE LAP SPICES OF ALL SLAB REINFORCEMENT AS FOLLOWS: #5 BAR - 2'-4" MINIMUM, #7 BAR - 3'-8" MINIMUM...
3.4 REINFORCEMENT SHALL BE SECURELY TIED IN ITS PROPER PLACE BEFORE AND DURING CONCRETE PLACEMENT OPERATIONS...
4 PRECAST CONCRETE:
4.1 PRECAST CONCRETE SHALL BE THE PRODUCT OF A MANUFACTURER WHO HAS DEMONSTRATED THE ABILITY TO PRODUCE PRECAST PRODUCTS AND HAS BEEN IN BUSINESS FOR AT LEAST THE LAST THREE YEARS...
4.1.1 THE SUPERIMPOSED DESIGN LOADS ON ALL BURIED STRUCTURES SHALL MEET OR EXCEED AASHTO HS-20 LOADING UNLESS OTHERWISE NOTED.
5 MATERIAL SPECIFICATIONS:
5.1 MATERIALS NOT SPECIFIED HEREIN SHALL MEET OR EXCEED VERMONT AGENCY OF TRANSPORTATION (VAOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION.
5.2 GENERAL FILL SHALL BE A COMPACTABLE SAND OR GRAVEL REASONABLY FREE FROM LOAM, SILT, CLAY AND ORGANIC MATERIALS...
5.3 BANK RUN GRAVEL SHALL BE FREE FROM LOAM, SILT, CLAY AND ORGANIC MATERIALS...
5.4 CRUSHED BANK RUN GRAVEL SHALL BE FREE FROM LOAM, SILT, CLAY AND ORGANIC MATERIALS...
6 PROJECT PERMITS:
6.1 LOCAL APPROVALS
6.2 VERMONT DRINKING WATER AND GROUNDWATER PROTECTION DIVISION WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT
6.3 VERMONT WATERSHED MANAGEMENT DIVISION SHORELANDS PERMIT APPLICATION

EROSION CONTROL DURING CONSTRUCTION

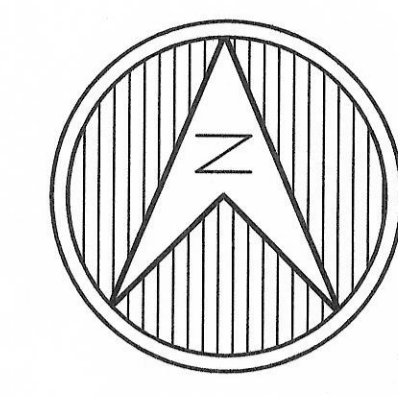
- 1. BEFORE ANY CLEARING, GRUBBING, OR DEMOLITION OF THE SITE IS INITIATED, AND DURING ALL EARTHWORK PHASES, EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED AT THE INLET OF ANY STORM DRAINS, SWALES, AND DITCHES...
2. SILT FENCE SHALL BE PLACED DOWN GRADIENT OF ALL DISTURBED AREAS...
3. ALL STOCKPILED SOIL SHALL BE ENCLOSED WITH SILT FENCE, UNLESS AN EXISTING BARRIER WILL ENTRAP ALL EROSION FROM SUCH A STOCKPILE...
4. NO MORE THAN 500 FEET OF TRENCH SHALL BE OPEN AT ONE TIME...
5. BEFORE AND AFTER EVERY STORM ALL STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSPECTED FOR FAILURES OR CLOGGING...
6. STONE CHECK DAMS SHALL BE PLACED IN NEWLY CONSTRUCTED SWALES, DITCHES, OR OTHER WATERWAYS DURING THE CONSTRUCTION PERIOD...
7. EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM NUMBER REQUIRED...
8. NEW SWALES AND DITCHES (AND ANY OTHER AREA SUBJECT TO CONCENTRATED STORM RUNOFF) SHALL BE FERTILIZED AND SEEDED WITH THE FOLLOWING MIXTURE...
SEED LBS/ACRE
CREEPING RED FESCUE 20
REDTOP 2
SMOOTH BROMEGRASS 20
AND SHALL HAVE MULCH APPLIED AT THE RATE OF 2 TONS PER ACRE.
9. IN ALL NEW SWALES AND DITCHES, AND WHERE SLOPE GRADE EXCEEDS 25 PERCENT (1 ON 4 SLOPE), JUTE MATTING SECURELY ATTACHED TO THE GROUND SHALL BE PLACED OVER MULCH AND MAINTAINED UNTIL A PERMANENT GRASS COVER IS ESTABLISHED.
10. ALL DISTURBED TERRAIN AT FINAL GRADE SHALL BE SEEDDED AND MULCHED WITHIN 48 HOURS OF COMPLETION...
EMBANKMENT/SLOPING GROUND LBS/ACRE
MIXTURE#1 CREEPING RED FESCUE 20
REDTOP 2
BIRDSFOOT TRIFOLIOL OR CROWN VETCH 15
MIXTURE#2 TALL FESCUE 10
REDTOP 2
FLAT PEA (LATHCO) 30
MIXTURE#3 CREEPING RED FESCUE 15
FLAT PEA (LATHCO) 30
FLAT/LEVEL GROUND LBS/ACRE
MIXTURE#1 KENTUCKY BLUE GRASS 20
CREEPING RED FESCUE 20
RYE (PERENNIAL), OR REDTOP 5
MIXTURE#2 CREEPING RED FESCUE 20
REDTOP 2
TALL FESCUE 20
11. ALL NEWLY SEEDDED AREAS SHALL BE MULCHED AT A RATE OF TWO (2) TONS PER ACRE OF HAY OR STRAW...
12. ALL AREAS THAT REACH FINISHED GRADE DURING THE WINTER CONSTRUCTION SEASON SHALL BE MULCHED AT A RATE OF 4 TONS/ACRE...
13. ALL HAY MULCH SHALL BE TACKED DOWN TO PREVENT WINDTHROW...
14. ALL DISTURBED AREAS NOT AT FINAL GRADE THAT WILL NOT BE DISTURBED AGAIN FOR A PERIOD OF GREATER THAN THIRTY (30) DAYS, SHALL BE SEEDDED WITH A TEMPORARY, RAPID-GROWING COVER CROP...
15. ALL DISTURBED AREAS MUST HAVE TEMPORARY OR FINAL STABILIZATION WITHIN 14 DAYS OF THE INITIAL DISTURBANCE...
16. DURING WINTER CONSTRUCTION ALL DISTURBED AREAS MUST HAVE TEMPORARY OR FINAL STABILIZATION AT THE END OF EACH WORK DAY...
17. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS OF PERMANENT STABILIZATION OF THE SITE...
18. EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER ANY RAIN EVENT...
19. NO MORE THAN 3 ACRES SHALL BE DISTURBED (WITHOUT TEMPORARY OR FINAL STABILIZATION) AT ANY ONE TIME...
20. SEEDING MUST BE COMPLETED BY SEPTEMBER 15...
21. CONTRACTOR SHALL APPLY DUST CONTROL MEASURES AS NECESSARY...
22. AT THE COMPLETION OF THE PROJECT, ALL STORMWATER DRAINAGE FACILITIES INCLUDING DITCHES, GRASSED SWALES, CATCH BASINS, SLEEPS, CULVERTS, STORM DRAINS, STORM MANHOLES, OUTLET STRUCTURES, STORM FILTERS, ETC SHALL BE CLEANED AND FREE OF SILT, SEDIMENT OR DEBRIS WHICH MIGHT IMPAIR THE PROPER OPERATION OF THE FACILITIES.

LEAKAGE TESTING OF SEWER PIPING AND MANHOLES

- 1. USE LEAKAGE TESTING PROCEDURE PRESCRIBED BY AUTHORITY HAVING JURISDICTION...
2. CONTRACTOR SHALL NOTIFY ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO TESTING...
3. AFTER TESTING AND PRIOR TO ACCEPTANCE THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH AS-BUILT DRAWINGS.
MANHOLE TESTING
A. ALL MANHOLES SHALL BE TESTED FOR LEAKAGE...
B. ALL INFLOW AND OUTFLOW PIPES SHALL BE PLUGGED.
C. FILL THE MANHOLE WITH WATER TO THE TOP OF THE CONE SECTION...
D. THE LEAKAGE FOR EACH MANHOLE SHALL NOT EXCEED ONE GALLON PER VERTICAL FOOT FOR A 24 HOUR PERIOD...
PIPING TESTING
A. ALL NEWLY LAID SANITARY SEWERS SHALL BE TESTED FOR LEAKAGE...
B. THE MAXIMUM LEAKAGE SHALL BE 200 GALLONS PER INCH OF PIPE DIAMETER PER MILE OF PIPE PER DAY...
C. AIR TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM STANDARD C828-80...
LANDSCAPING NOTES
1. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS...
2. LANDSCAPING CONTRACTOR SHALL RECEIVE SITE GRADE TO +/- 0.10 FOOT.
3. ALL TREES OF THE SAME SPECIES AND SIZE SHALL HAVE MATCHING HEIGHT AND FORM...
4. ALL PLANT MATERIALS AND FINAL LOCATION OF ALL PLANT MATERIALS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE...
5. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS...
6. CONTRACTOR SHALL FURNISH PLANT MATERIALS FREE OF PESTS OR PLANT DISEASES...
7. ALL GROUND COVERS SHALL BE TRIANGULARLY SPACED UNLESS OTHERWISE NOTED.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF ANY EXISTING MATERIALS DAMAGED DURING PLANTING OPERATIONS.
9. ALL LANDSCAPE AREAS SHALL BE COVERED WITH 2-INCHES OF ORGANIC BARK MULCH UNLESS OTHERWISE NOTED.
10. AREAS SHOWN AS GROUND COVER AT THE BASE OF TREE AND SHRUB MATERIALS MUST CONFORM TO THE FOLLOWING CRITERIA...
11. FINAL PLACEMENT OF ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL OF OWNER'S REPRESENTATIVE...
12. ALL DISTURBED AREAS, UNLESS OTHERWISE NOTED, TO BE LOAM, SEEDDED, AND MULCHED.

OFFICE ADDITION
422 NORTH SHORE ROAD
DANVILLE, VERMONT
CHRIS BISSELL
SHEET DESCRIPTION
LEGEND AND GENERAL NOTES
PROJECT NO. 16027 DATE 9 MAR 2016
SCALE NTS
DRAWN RBC
CHECKED DLF SHEET SHEET 1 OF 2

C:\Jobs\16027 Richey Camp Office Addition\Civil\Drawing Files\16027 SP.dwg 9 Mar 2016 2:46 PM Rectburn



NO.	DATE	REVISION

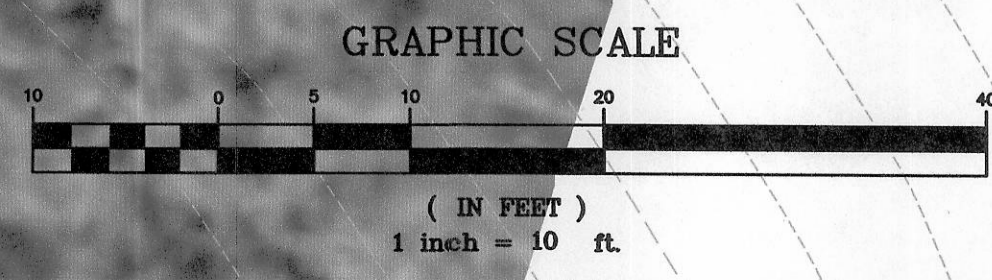
Civil & Structural Engineers
Dewolfe
 ENGINEERING ASSOCIATES
 INCORPORATED
 81 River St., P.O. Box 1576, Montpelier, VT 05601-1576
 L 802-225-4727 F 802-225-4740 www.dewolfe.com

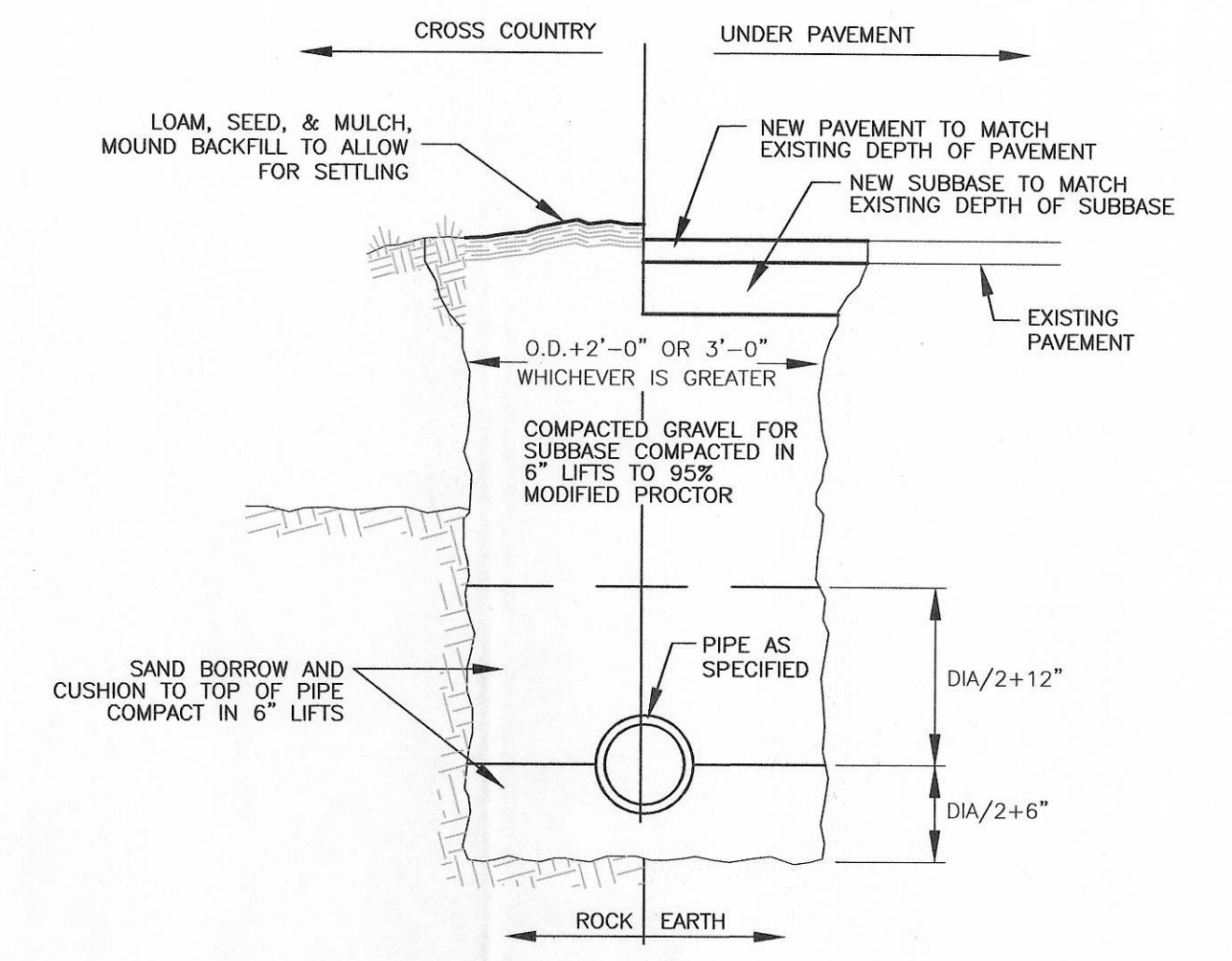
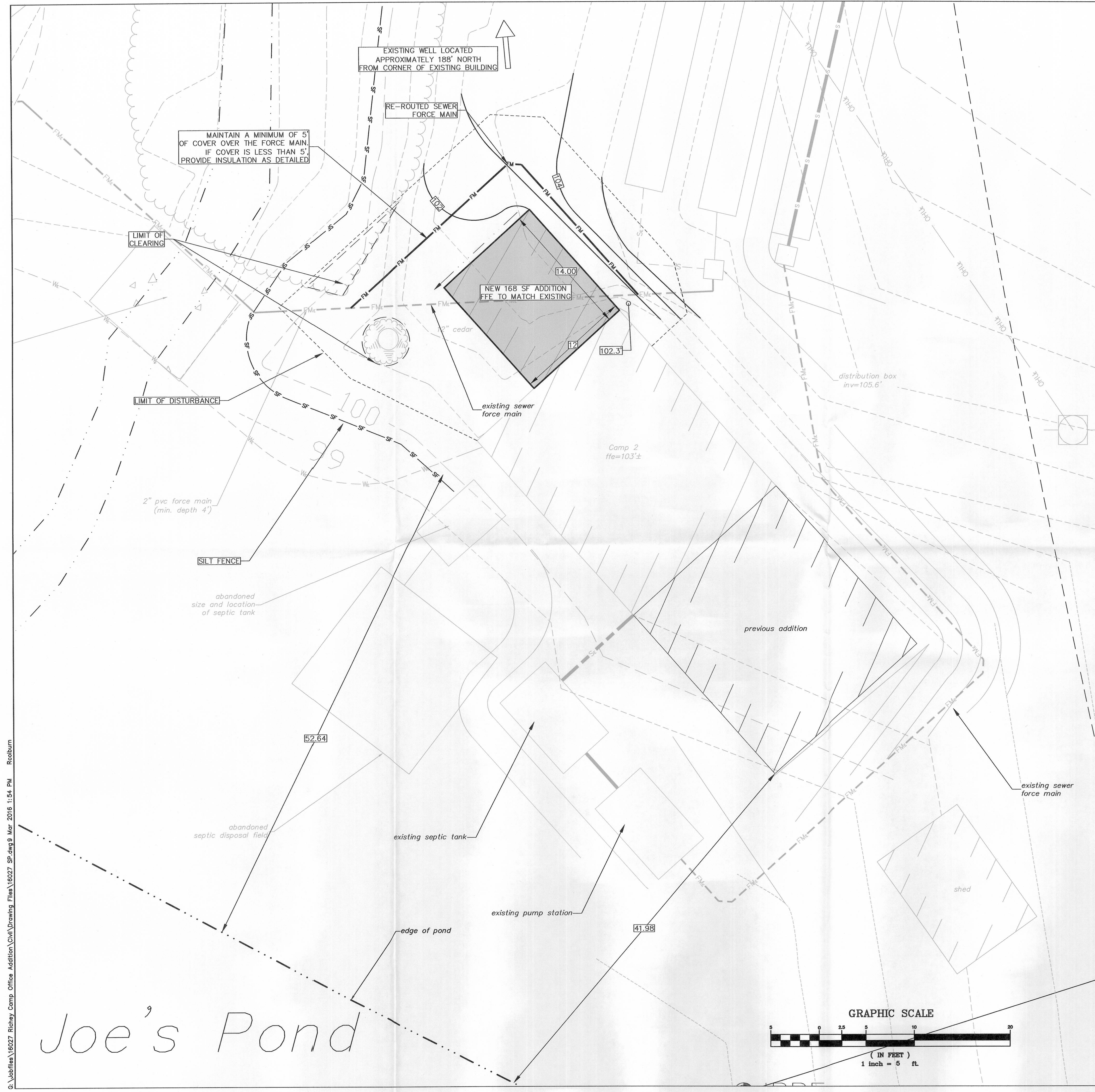
OFFICE ADDITION

422 NORTH SHORE ROAD
 DANVILLE, VERMONT

CHRIS BISSELL

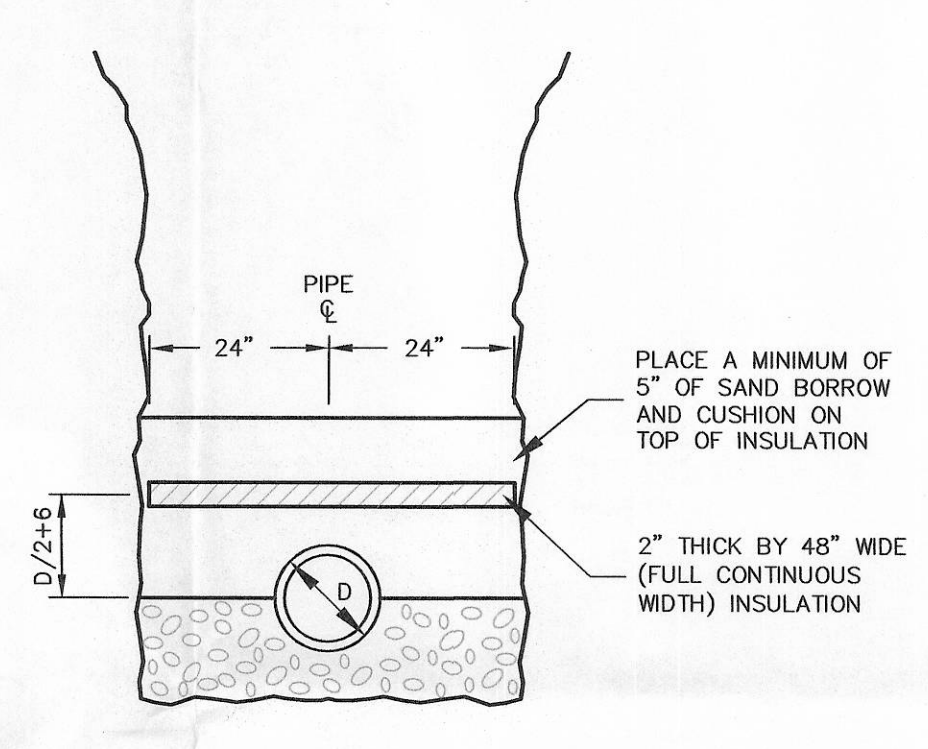
SHEET DESCRIPTION	
OVERALL SITE PLAN	
PROJECT NO.	DATE
16027	9 MAR 2016
SCALE	PR.01
1" = 10'	
DRAWN	SHEET
RBC	
CHECKED	SHEET 1 OF 1
DLF	





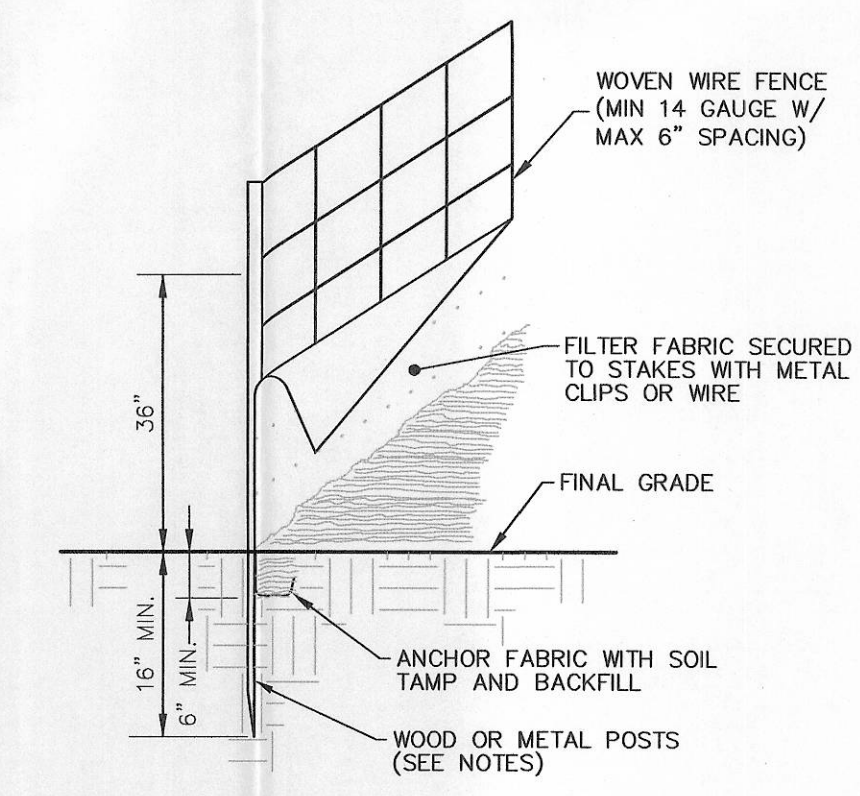
NOTE:
 1. BRACING AND SHEETING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND O.S.H.A. SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE RESPONSIBILITY OF THE CONTRACTOR.

TYPICAL TRENCH LIMITS AND BEDDING DETAIL
 NOT TO SCALE



NOTES:
 1. 2 INCHES OF INSULATION SHALL BE USED FOR EVERY 1' OF REDUCED COVER ABOVE PIPE.
 2. PIPES SHALL HAVE NO LESS THAN 3' OF COVER, EXCEPT FOR DRIVEWAY CULVERTS.

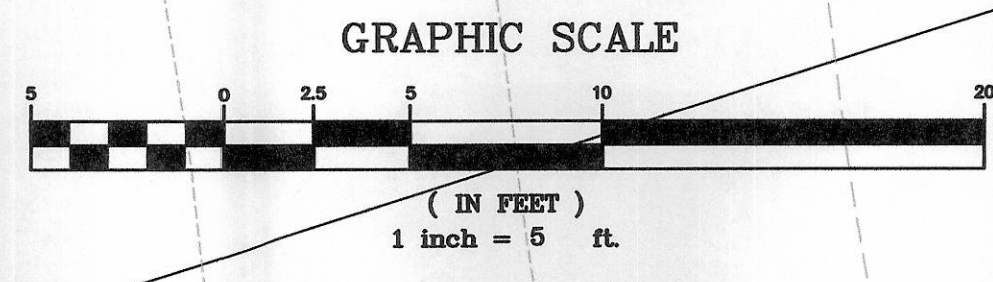
TYPICAL INSULATION
 NOT TO SCALE

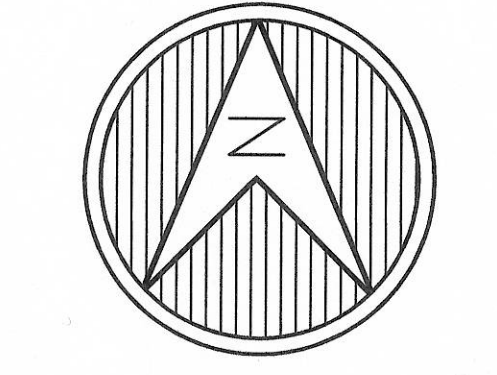


INSTALLATION NOTES:
 1. DRIVE POSTS A MINIMUM OF 16" INTO THE GROUND.
 2. EMBED GEOTEXTILE PLACED IN A 8"x8" TRENCH.
 3. POST SPACING SHALL BE AS FOLLOWS:
 3.1. FOR WIRE MESH BACKED FENCE, SPACING SHALL NOT EXCEED 10'-0".
 3.2. WITHOUT WIRE MESH AND FABRIC ELONGATION IS GREATER THAN OR EQUAL TO 50% POST SPACING SHALL NOT EXCEED 4'-0".
 3.3. WITHOUT WIRE MESH AND FABRIC ELONGATION IS LESS THAN 50% STAKE SPACING SHALL NOT EXCEED 6'-0".
 4. MAINTAIN A 10'-0" BORDER BETWEEN THE SILT FENCE AND CONSTRUCTION ACTIVITY.
 5. INSTALL SILT FENCE PARALLEL TO CONTOUR LINES, I.E. THE GROUND ELEVATION AT THE BASE OF THE FENCE SHALL BE AT CONSTANT ELEVATION OR LEVEL.
 6. USE A CONTINUOUS SHEET OF GEOTEXTILE TO PREVENT FAILURE AT JOINTS.
 7. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES. WIRE FENCE REINFORCEMENT REQUIRED WITHIN 100 FT UPSLOPE OF RECEIVING WATERS.
 8. GEOTEXTILE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH WIRE TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
 9. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED TOGETHER.
 10. PREFABRICATED UNITS SHALL BE GEOFAB, ENVROFAB, OR APPROVED EQUIVALENT.

MAINTENANCE NOTE:
 1. CHECK AFTER EVERY RAINFALL EVENT AND WEEKLY.
 2. REMOVE SEDIMENT WHEN IT REACHES 1/4 OF FENCE HEIGHT.
 3. PATCH TORN FENCES, OR REPLACE THE ENTIRE FENCE SECTION WHEN TEARS OCCUR.
 4. IF WATER IS BREAKING THROUGH SILT FENCE THEN IT MUST BE REINFORCED W/STONE.

SILT FENCE
 NOT TO SCALE





REVISION	
DATE	
NO.	

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OFFICE ADDITION
 422 NORTH SHORE ROAD
 DANVILLE, VERMONT

CHRIS BISSELL

SHEET DESCRIPTION	
SITE PLAN	
PROJECT NO.	DATE
16027	9 MAR 2016
SCALE	
1"=5'	
DRAWN	C1.01
CHECKED	SHEET
DLF	SHEET 2 OF 2

Joe's Pond