

Appeal Period Expires <u>4/17/10</u> Zoning District <u>IL</u>	Town of Essex, Vermont Application for Zoning Permit www.essex.org	Application Date <u>1/1</u> Permit Number <u>2010-27</u>
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All construction is to be completed in accordance with the Town of Essex Zoning Regulations and any/all federal or state regulations now in effect. You are required to post this permit in a conspicuous location on the property and it must remain posted throughout the construction period.

Any interested person may appeal the decision of the Zoning Administrator to the Zoning Board of Adjustment within fifteen (15) days of the permit's date of issuance. Commencing construction within this fifteen (15) day appeal period is prohibited by law.

Occupancy of the premises shall not take place until a Certificate of Occupancy is obtained.

Approval is subject to accuracy of information provided by the applicant.

A Parcel Account Numb. (Map-Parcel-Lot) <u>2-009-013-000</u> <small>(found in Town Assessor's Office)</small> Property Address: <u>210 COLLESTER ROAD</u> Owner: <u>Town of Essex</u> Owner Address: <u>81 main Street</u> Owner Phone: (work) <u>(802) 878-1344</u> (home) _____ (cell) _____ (Email) <u>dclutz@essex.org</u> Contractors name: <u>TOWN OF ESSEX</u> Phone: <u>878-1344</u> <u>Sackie</u> Cell: _____ Estimated Construction Dates: Start: <u>7/15/10</u> Completion: <u>10/15/10</u> Sq. Feet: <u>720 ft²</u> Estimated Cost (labor & materials): <u>\$ 40,000.00</u>	G																																																																																								
B Sewage Disposal (Please attach Sewer or Septic Application) _____ Public <input type="checkbox"/> Private <input type="checkbox"/> Connection Fee \$ _____ Date Paid: <u>1/1</u> Proposed New Bedrooms: _____ Existing Bedrooms _____	Check box(es) which describe proposed use or construction (circle choice in parenthesis). N = New A = Addition R = Remodel <table style="width:100%; border-collapse: collapse;"> <tr> <td><i>Residential:</i></td> <td>N</td> <td>A</td> <td>R</td> </tr> <tr> <td>Single Family</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Two-family (duplex)(other)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Multi-family</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Condominium / Townhouse</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Mobile home</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><i>Inclusions or Additions:</i></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Garage (attached) (detached)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Porch (enclosed) (open)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Deck</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Pool (in) (above) ground</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Shed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Barn (residential) (agriculture)</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><i>Non-residential:</i></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Commercial / Industrial</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><i>Stormwater:</i></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stormwater</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Erosion Control <u>Dry Bed Facility</u></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><i>Other:</i></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Change in use</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Miscellaneous</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>Renewal</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	<i>Residential:</i>	N	A	R	Single Family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Two-family (duplex)(other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Multi-family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Condominium / Townhouse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mobile home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Inclusions or Additions:</i>				Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Deck	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pool (in) (above) ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Shed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Barn (residential) (agriculture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Non-residential:</i>				Commercial / Industrial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Stormwater:</i>				Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Erosion Control <u>Dry Bed Facility</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>Other:</i>				Change in use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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C Water (Please attach Water Service Application) _____ Public <input type="checkbox"/> Private <input type="checkbox"/> Fee \$ _____ Date Paid: <u>1/1</u>																																																																																									
D Driveway (Please attach copy of approved Curbcut / Utility Application). Date of approval <u>1/1</u> <u>EXISTING DRIVE</u>																																																																																									
E Stormwater <input type="checkbox"/> Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application. <input type="checkbox"/> Project creates new or expands existing impervious surface greater than or equal to 1/2 acre – Erosion Control Permit and Stormwater Management Permit required. Attach completed permit application.																																																																																									
F Diagram – Show a sketch of project on reverse of this application with property lines, building, and setbacks or attach separate sheet. (Instruction sheet available upon request.) <u>meets setback requirements</u> <u>SEE ATTACHED</u>																																																																																									
G Signature of Owner <u>[Signature]</u>	Office Use Only <table style="width:100%; border-collapse: collapse;"> <tr> <td>Fees:</td> <td>Type</td> <td>Amount</td> <td>Date Pd</td> </tr> <tr> <td></td> <td>Permit</td> <td>\$ <u>2</u></td> <td><u>1/1</u></td> </tr> <tr> <td></td> <td>School</td> <td>\$ <u>1</u></td> <td><u>1/1</u></td> </tr> <tr> <td></td> <td>Recreation</td> <td>\$ <u>1000</u></td> <td><u>1/1</u></td> </tr> <tr> <td></td> <td>Recording</td> <td>\$ <u>1</u></td> <td><u>1/1</u></td> </tr> <tr> <td></td> <td>Other</td> <td>\$ _____</td> <td><u>1/1</u></td> </tr> </table> <p style="text-align: center;">Building Permit</p> Approved <input checked="" type="checkbox"/> Rejected <input type="checkbox"/> Date <u>4/12/10</u> Issued to: <u>Town of Essex</u> Zoning Administrator: <u>Thomas L. Kelly</u> Notes: _____ C.O. Required Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Fees:	Type	Amount	Date Pd		Permit	\$ <u>2</u>	<u>1/1</u>		School	\$ <u>1</u>	<u>1/1</u>		Recreation	\$ <u>1000</u>	<u>1/1</u>		Recording	\$ <u>1</u>	<u>1/1</u>		Other	\$ _____	<u>1/1</u>																																																																
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THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE

TOWN OF ESSEX DRYING BED FACILITY 2010 STAG 2003 XP-97101101-0

INDEX OF SHEETS

<u>DRAWING NO.</u>	<u>SHEET NO.</u>	<u>TITLE</u>
	1	COVER SHEET
1	2	LANDFILL DRYING BED SITE PLAN
2	3	LANDFILL DRYING BED SITE PLAN AND CONSTRUCTION NOTES
3	4	CONSTRUCTION DETAILS
4	5	CONSTRUCTION DETAILS AND NOTES



THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT
1-800-225-4977 PRIOR TO ANY EXCAVATION.

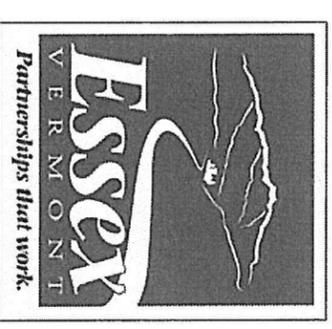
TOWN MANAGER

PATRICK C. SCHEIDEL

PUBLIC WORKS DIRECTOR

DENNIS E. LUTZ, P.E.

Town of Essex
Public Works Department



Town of Essex
Public Works Department
81 Main Street

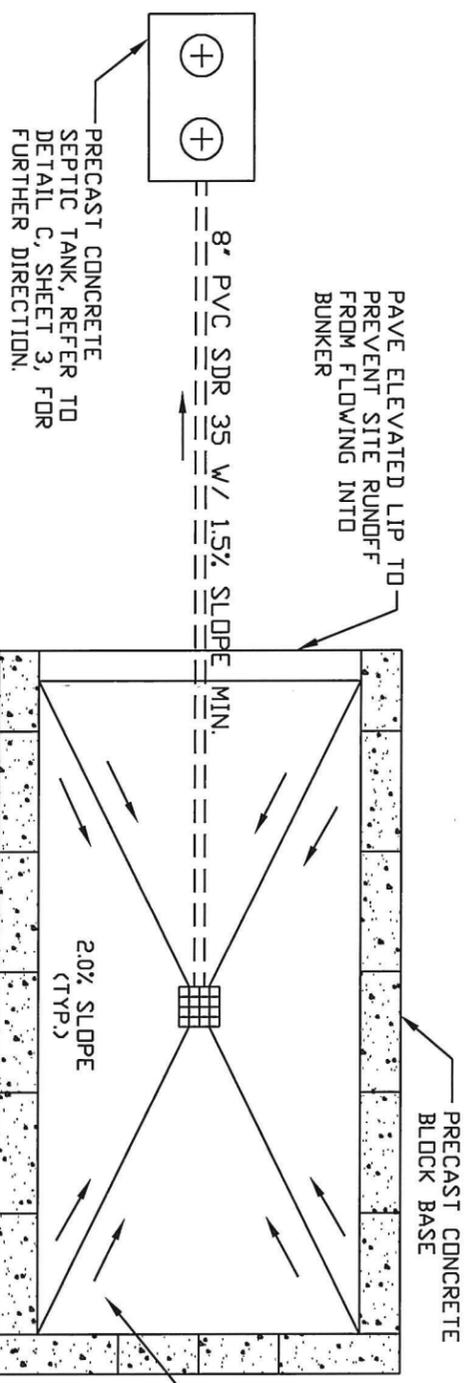
Essex Junction, Vermont 05452

Tel. (802) 878-1344 • Fax: (802) 878-1355



PLAN DRYING BED FACILITY SITE PLAN
SCALE: 1:40

THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT 1-800-225-4977 PRIOR TO ANY EXCAVATION.



PLAN BUNKER DETAIL
SCALE: 1:20

NOTES

1. SEE OTHER DRAWINGS OF THESE PLANS FOR ADDITIONAL SPECIFICATIONS AND DETAILS.
2. LOCATION OF THE BUNKER SHALL BE DETERMINED AND CLEARLY MARKED BY THE TOWN PRIOR TO CONSTRUCTION.
3. ENTRANCE TO BUNKER SHOULD BE RAISED TO PREVENT RUNOFF OUT OF THE FACILITY. RAISE A 12" WIDE STRIP A MINIMUM OF 2" ABOVE THE PAVED FOOTPRINT OF THE BUNKER FOR THE ENTIRE LENGTH OF THE ENTRANCE.
4. IF POSSIBLE, USE RECYCLED CONCRETE OR ASPHALT TO STABILIZE BANK AREAS OR OUTFALLS FROM DRAINAGE SWALES. OTHERWISE, USE 8" MINUS STONE.
5. CHECK DAMS SHALL BE PLACED APPROXIMATELY EVERY 50 FEET ALONG THE LENGTH OF THE ACCESS ROAD.
6. ALL SIDE OF THE BUNKER SHALL HAVE A 2% SLOPE TOWARDS THE DRAINAGE INLET TO ALLOW FOR PROPER DRAINAGE INTO THE DISCHARGE STRUCTURE.
7. INSTALL NEW ACCESS GATE AT LOCATION DETERMINED BY THE TOWN. GATE SHOULD BE HOOPER FENCE COMPANY 4'H x 14'W TUBULAR BARRIER GATE OR APPROVED EQUAL.
8. THE TOWN OF ESSEX WILL PROVIDE ALL HORIZONTAL AND VERTICAL CONTROL FOR THE PROJECT.
9. RIM AND INVERT ELEVATIONS SHALL BE PROVIDED BY THE TOWN OF ESSEX.

Project Number	
Public Works Director: D. Lutz	
Project Designer: J. KLINE	
Drawn By: J. KLINE	
Checked By: A. MARTIN	
Scale: As Noted	
Approved	
Date: February 16, 2010	

TOWN OF ESSEX
DRYING BED FACILITY 2010

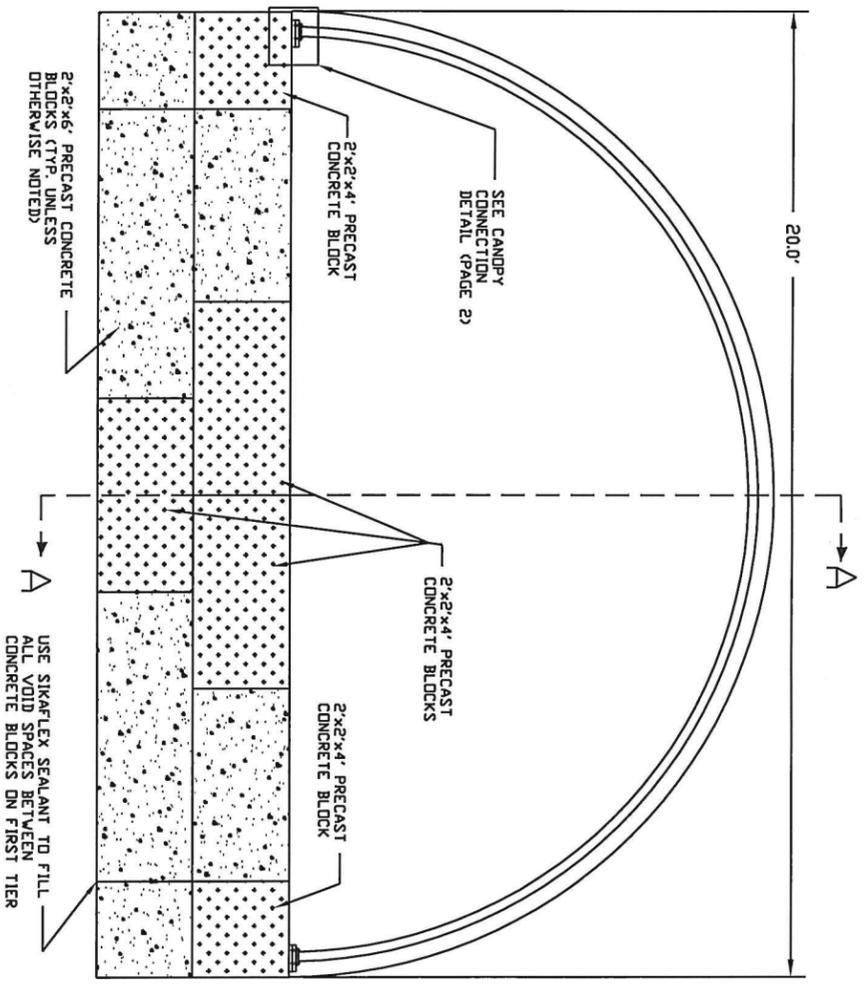
LANDFILL DRYING BED
SITE PLAN

Rev	Description	By	Date
1	MINOR REVISIONS	JAK	3/5/10

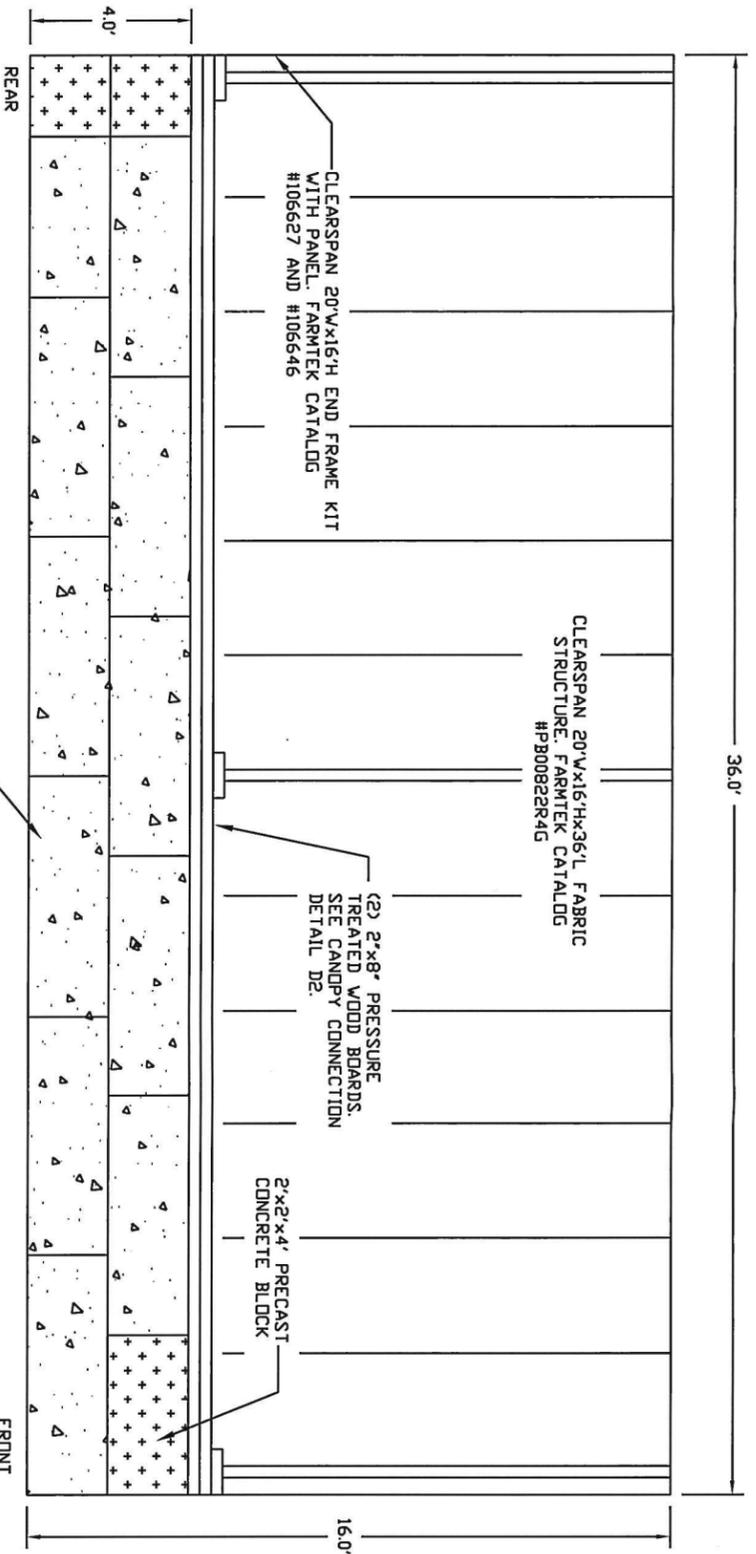
Town of Essex
Public Works Department
81 Main Street
Essex Jct. VT 05452

Tel (802) 876-1344
Fax (802) 878-1355
www.essex.org

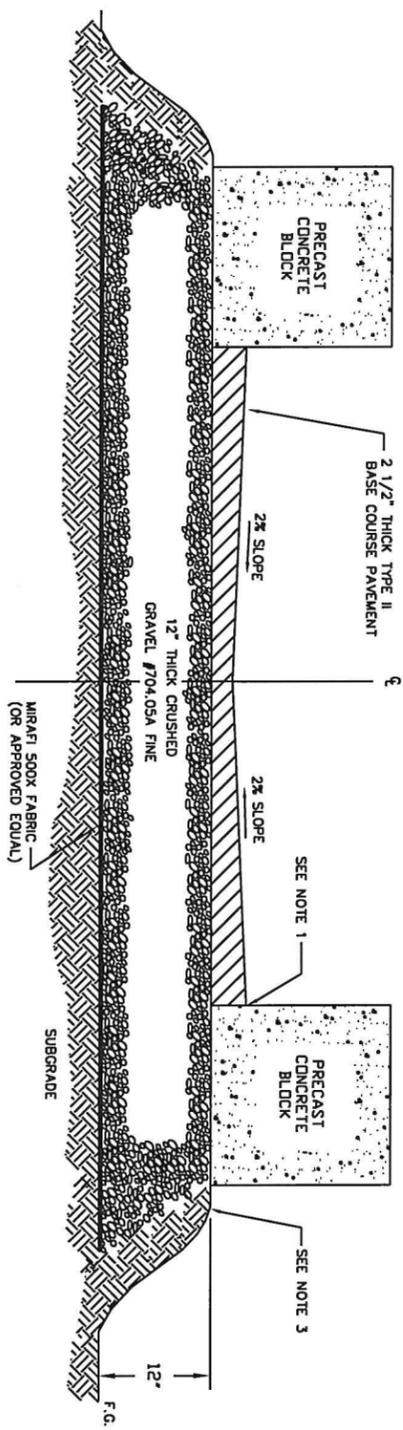




SECTION FRONT VIEW A (2)
SCALE: N.T.S.



SECTION A-A (2)
SCALE: N.T.S.



DETAIL PAVEMENT DETAIL C (2)
SCALE: N.T.S.

- NOTES**
1. APPLY LIQUID ASPHALT TACK TO VERTICAL FACES AND FLAT SURFACES IN A UNIFORM MANNER. DO NOT PUDDLE TACK COAT IN LOW AREAS. EMULSIFIED ASPHALT IS TO BE APPLIED AT A RATE OF 0.015 GAL/S.Y.
 2. PLACE TYPE II BITUMINOUS CONCRETE AND COMPACT IN LIFTS NO MORE THAN 2 1/2" THICK. FINAL UNCOMPACTED LIFT SHOULD BE 1 1/2" TO 1" ABOVE ADJOINING PAVEMENT SO THAT AFTER COMPACTION THE PATCH IS LEVEL WITH THE ORIGINAL PAVEMENT. EACH LIFT SHOULD BE THOROUGHLY COMPACTED WITH A VIBRATORY PLATE COMPACTOR OR A PORTABLE ROLLER. EXPERIENCE HAS SHOWN THAT 15 TO 20 PASSES WITH A VIBRATORY ROLLER AND MIX TEMPERATURE ABOVE 250 F (121 C) ARE NECESSARY TO ENSURE GOOD COMPACTION. HAND TAMP SHOULD ONLY BE USED FOR SMALL AREAS (LESS THAN 1 S.F.).
 3. BUNKER SHOULD BE RAISED TO PREVENT EXCESS WATER FROM ENTERING. TOPSOIL SHOULD BE APPROVED BY OWNER AND COMPACTED TO FINISH GRADE.

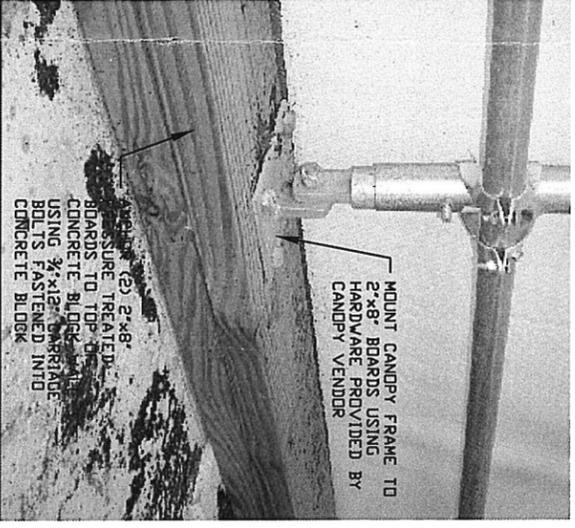


PHOTO CANOPY CONNECTION D (2)
SCALE: N.A.

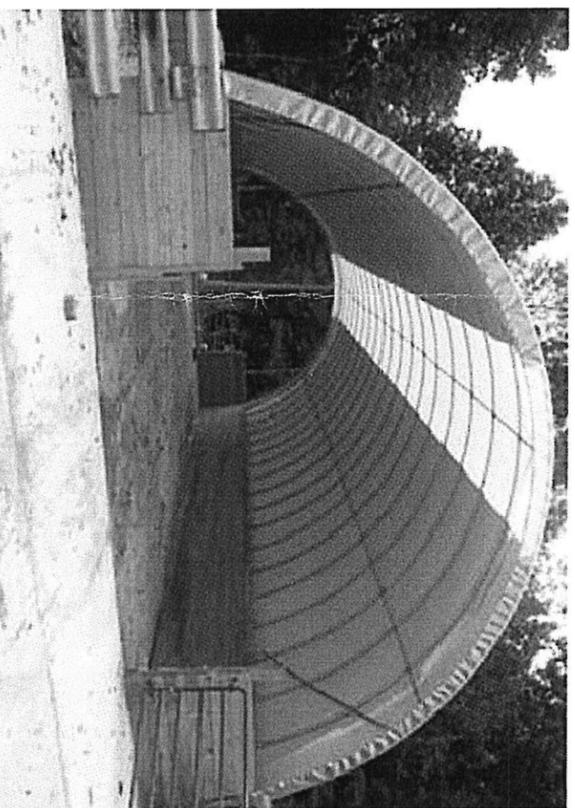


PHOTO CLEARSPAN CANOPY E (2)
SCALE: N.A.

THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT 1-800-229-4977 PRIOR TO ANY EXCAVATION.

TOWN OF ESSEX
DRYING BED FACILITY 2010
LANDFILL DRYING BED SITE PLAN AND CONSTRUCTION DETAILS

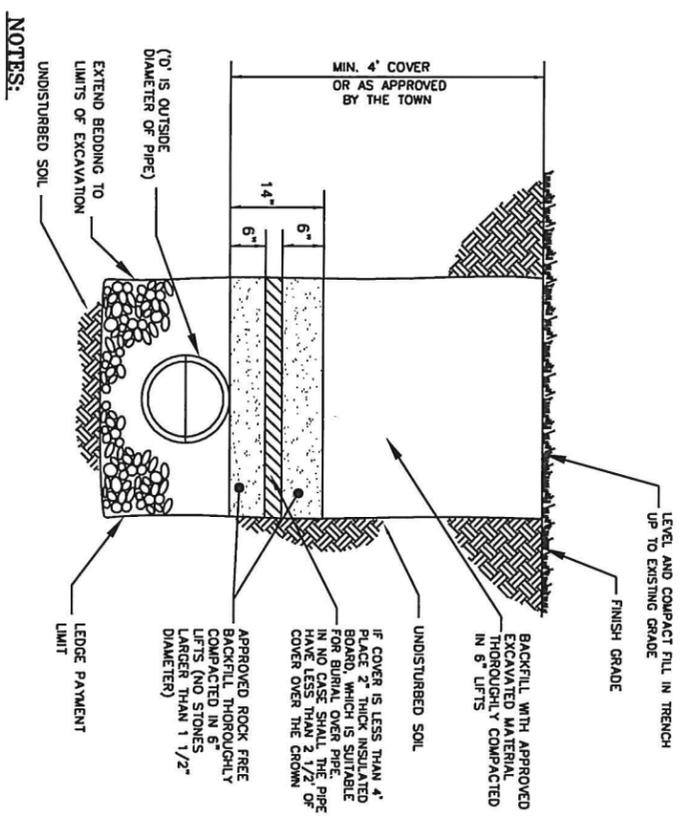
Rev.	Description	By	Date
1		JAK	2/16/10
2	MINOR REVISIONS	JAK	3/5/10

Town of Essex
Public Works Department
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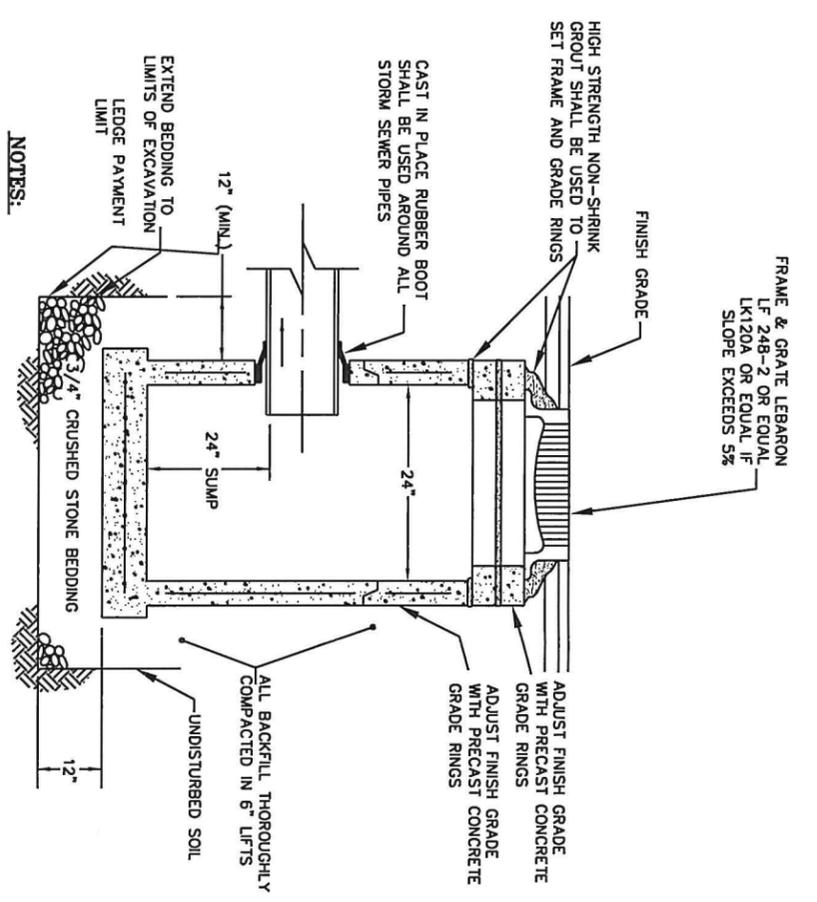


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Public Works Director:	D. Lutz
Project Designer:	J. KLINE
Drawn By:	J. KLINE
Checked By:	A. MARTIN
Scale:	As Noted
Approved:	
Date:	February 16, 2010



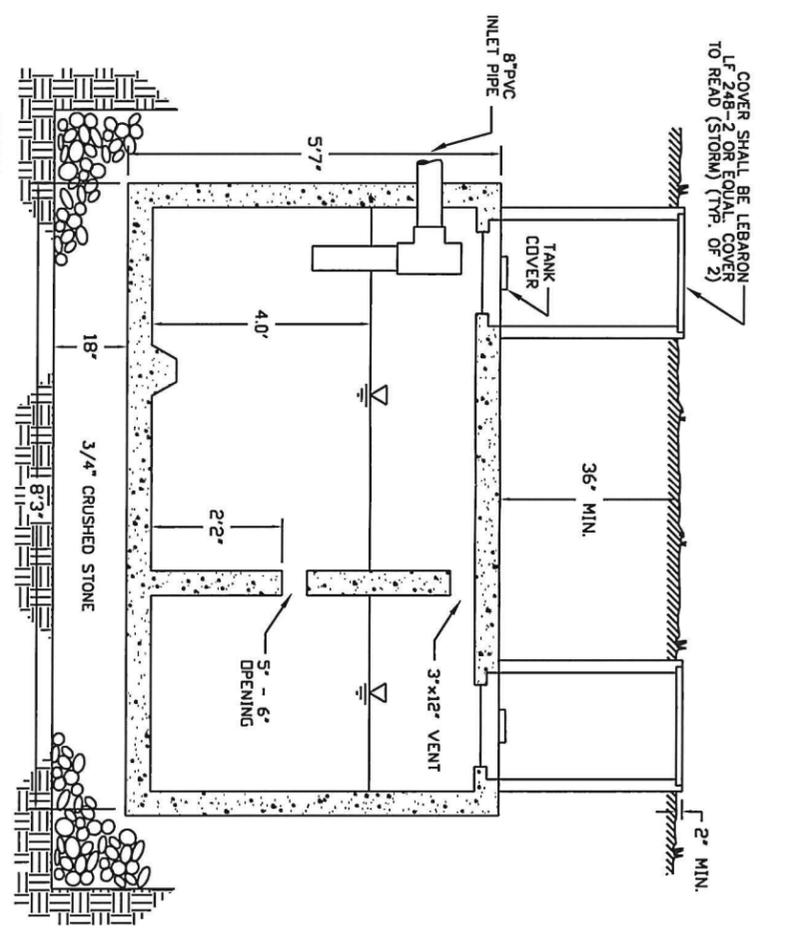
- NOTES:**
1. THE CONTRACTOR SHALL AT ALL TIMES KEEP THE TRENCHES ENTIRELY FREE OF WATER UNTIL ALL WORK IS FINISHED AND READY FOR BACKFILLING
 2. REFER TO THESE SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIREMENTS
 3. REFER TO THESE SPECIFICATIONS FOR STORM DRAINAGE PIPE REQUIREMENTS
 4. THE SIDES OF THE TRENCHES 4 FEET OR MORE IN DEPTH ENTERED BY PERSONNEL SHALL BE SHEETED, SLOPED, OR PROPERLY SUPPORTED, CONFORMING TO YOSHA REQUIREMENTS
 5. PIPE BEDDING SHALL BE 3/4" WASHED STONE, FROM 6" BELOW THE INVERT, TO THE SPRINGLINE OF THE PIPE

DETAIL A
STORM PIPE TRENCH
SCALE: N.T.S.



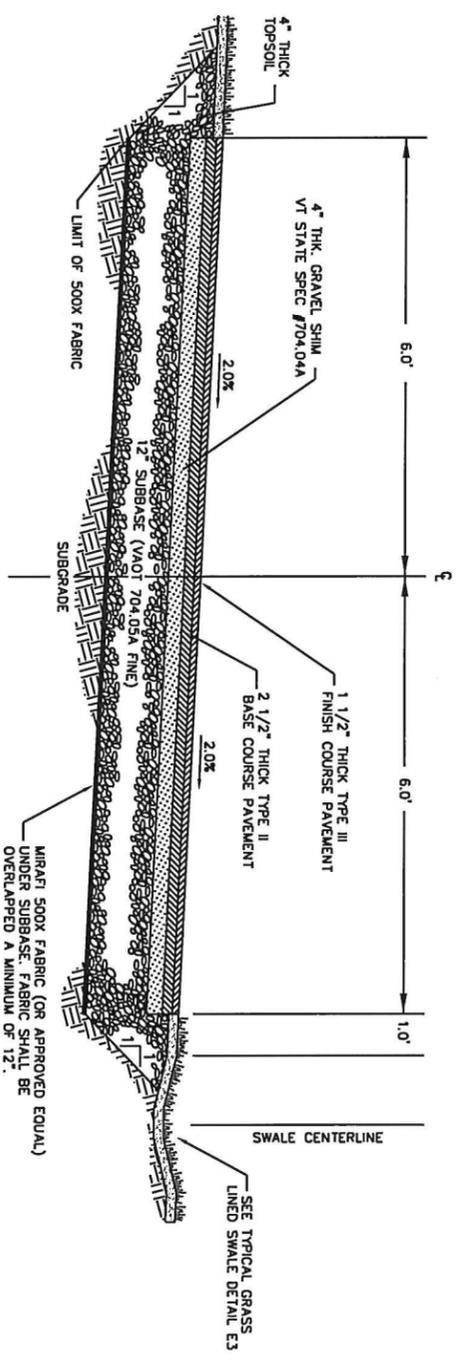
- NOTES:**
1. REFER TO THESE SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIREMENTS
 2. REFER TO THESE SPECIFICATIONS FOR DRAINAGE STRUCTURE AND MATERIAL REQUIREMENTS
 3. RAISE FRAME TO FINISH GRADE ONLY AFTER BASE COURSE OF PAVEMENT IS IN PLACE, RAISE FRAME TO BASE COURSE GRADE IF WEARING COURSE IS TO BE PLACED DURING NEXT CONSTRUCTION SEASON

DETAIL B
DRAINAGE INLET
SCALE: N.T.S.



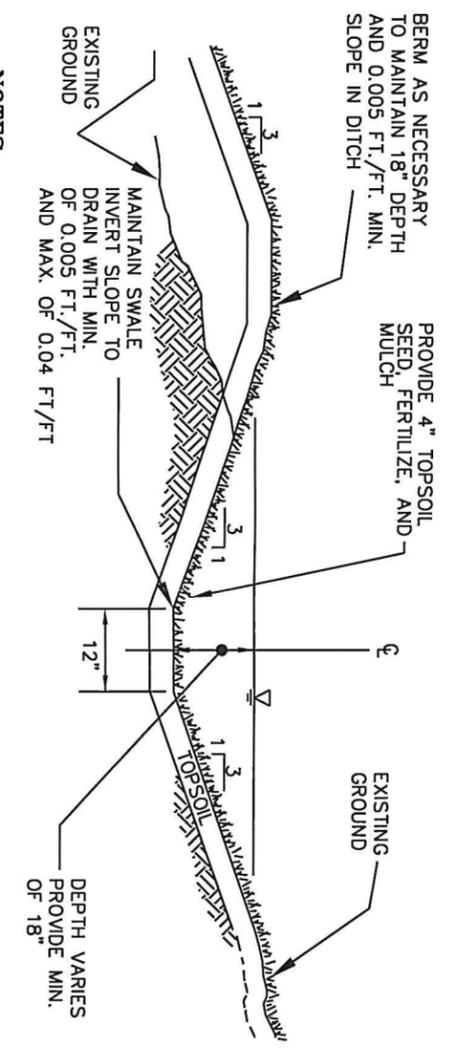
- NOTES:**
1. USE CAMP PRECAST CONCRETE 1000 GALLON SEPTIC TANK SML1000TC OR APPROVED EQUAL.
 2. MONTHLY MAINTENANCE CHECKS AND CLEANINGS SHALL BE PERFORMED BY THE OWNER VIA THE ACCESS MANHOLES.
 3. IN GRASS AREAS, FRAME AND COVER ARE TO BE INSTALLED A MAXIMUM OF 4" ABOVE GRADE

DETAIL C
SEPTIC TANK
SCALE: N.T.S.



- NOTES:**
1. THE ROAD FINISH GRADE SHALL HAVE A CROSS SLOPE OF 2.0 %
 2. PRIOR TO PLACEMENT OF GRAVEL, A MINIMUM OF ONE (1) GRADATION TEST SHALL BE PERFORMED FOR EACH DIFFERENT BASE MATERIAL USED EVERY 500' SECTION OF ROAD. A COMPACTION TEST SHALL ALSO BE PERFORMED AT THE CONTRACTOR'S EXPENSE, EVERY 200' SECTION OF ROAD OR MORE IF THE TEST FAILS TO MEET COMPACTION REQUIREMENTS. THE TEST LOCATIONS SHALL BE SELECTED BY THE TOWN ENGINEER. ANY ADDITIONAL TESTS THAT MAY BE NEEDED IF THE FIRST TEST FAILS, WILL BE REPEATED AT THE CONTRACTOR'S EXPENSE.
 3. A PAVED SWALE SHALL BE INSTALLED ALONG THE EDGE OF THE NORTH SIDE OF THE NEW ROAD. A DITCHLINE SHALL BE ESTABLISHED 1' OFF OF THE TRAVELED WAY. THE CROSS SLOPE FROM THE EDGE OF THE PAVEMENT TO DITCHLINE SHALL VARY, (MIN. 0.5% TO 2.0%).
 4. STONE CHECK DAMS SHOULD BE INSTALLED EVERY 50 FEET WITHIN THE LENGTH OF THE SWALE.

DETAIL D
ACCESS ROAD
SCALE: N.T.S.



- NOTES:**
1. THE CONTRACTOR SHALL MAINTAIN THE GRASS LINED SWALE AND RESTORE EROSION AFTER EACH STORM EVENT. SEE SECTION 500 OF THESE SPECIFICATIONS FOR FURTHER DIRECTION ON EROSION AND SEDIMENT CONTROL MEASURES.
 2. REFER TO THESE SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIREMENTS
 3. REFER TO THESE SPECIFICATIONS FOR STORM DRAINAGE PIPE REQUIREMENTS
 4. STONE LINED SWALES SHALL BE USED FOR GRADES IN EXCESS OF 0.05 FT/FT (5.0%)

DETAIL E
GRASS LINED SWALE
SCALE: N.T.S.

TOWN OF ESSEX
DRYING BED FACILITY 2010

CONSTRUCTION DETAILS

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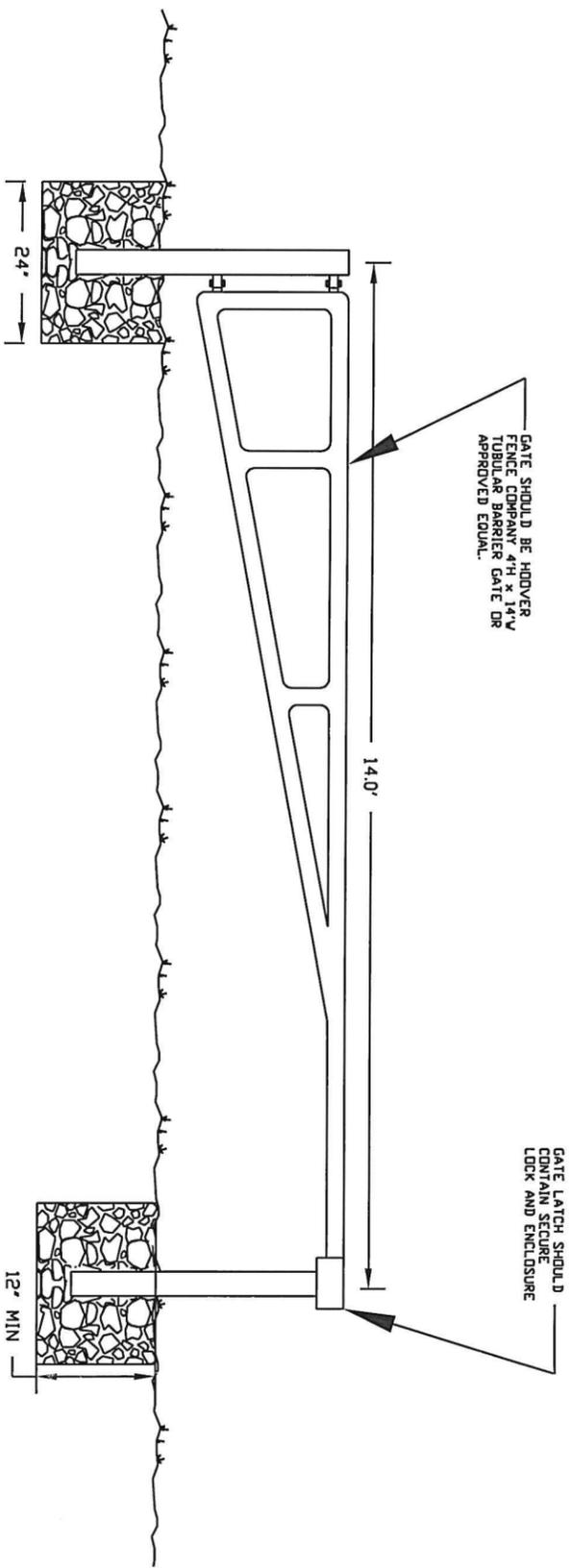
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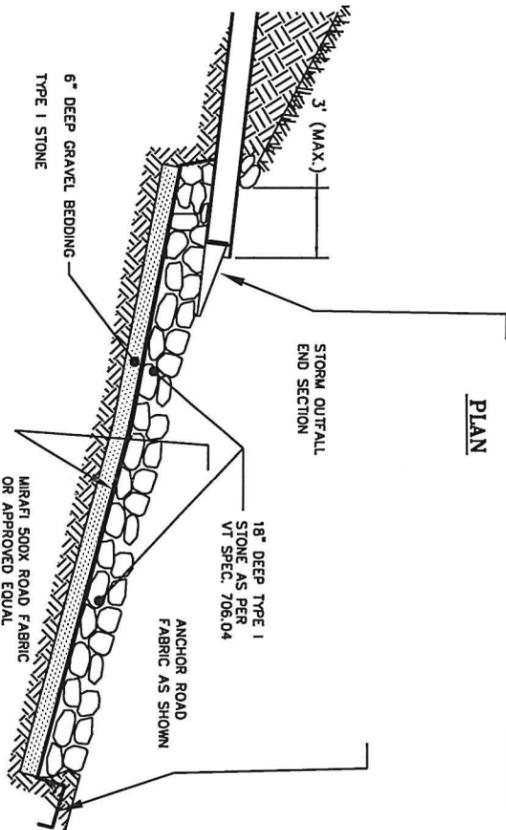
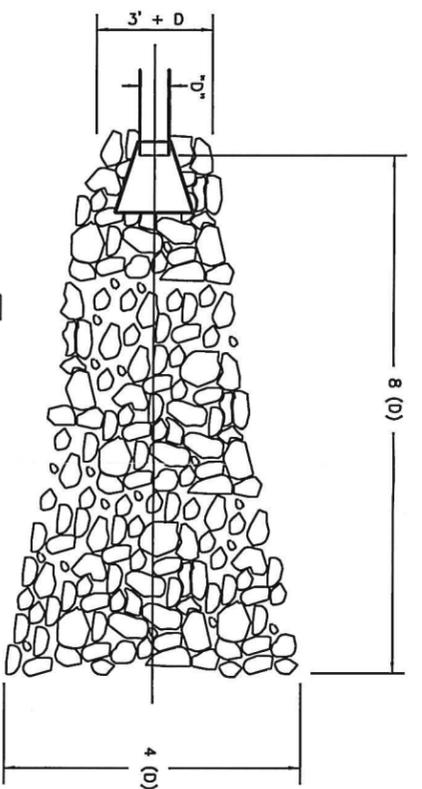
Essex VERMONT
Partnerships that work.

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Approved
Date: February 16, 2010

3
SHEET: 3 OF 4



DETAIL ACCESS GATE
SCALE: N.T.S.



DETAIL STORM DRAIN DUTTFALL
SCALE: N.T.S.



GENERAL CONSTRUCTION SPECIFICATIONS

1. ALL WORK AND MATERIALS SHALL BE APPROVED BY AND IN ACCORDANCE WITH THE LATEST VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE TOWN OF ESSEX STANDARD SPECIFICATIONS FOR CONSTRUCTION, AND THESE PLANS.
2. THE CONTRACTOR SHALL CONTACT ALL UTILITIES BEFORE EXCAVATION TO VERIFY THE LOCATION OF ANY UNDERGROUND LINES. THE CONTRACTOR SHALL NOTIFY "DIGSAFE" AT 1-800-225-4977 PRIOR TO ANY EXCAVATION.
3. UTILITIES INFORMATION SHOWN HEREON WERE OBTAINED FROM BEST AVAILABLE SOURCE AND MAY OR MAY NOT BE EITHER ACCURATE OR COMPLETE. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY, PUBLIC OR PRIVATE, SHOWN OR NOT SHOWN HEREON. CONTRACTOR SHALL CONNECT OR RECONNECT ALL UTILITIES TO THE NEAREST SOURCE THROUGH COORDINATION WITH UTILITY OWNER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND REMOVAL OF ALL EXISTING VEGETATION, PAVEMENT AND STRUCTURES NECESSARY TO CONSTRUCT THIS PROJECT UNLESS OTHERWISE NOTED ON THESE PLANS. THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL, DEBRIS AND TRASH FROM THE SITE UPON COMPLETION OF CONSTRUCTION, UNLESS OTHERWISE DIRECTED BY THE TOWN.
5. THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS OWN EXPENSE FOR ENSURING THAT THE DUST CREATED AS A RESULT OF CONSTRUCTION DOES NOT CREATE A NUISANCE OR A SAFETY HAZARD WHERE AND WHEN DEEMED NECESSARY BY THE TOWN ENGINEER. THE CONTRACTOR SHALL BE REQUIRED TO WET SECTIONS OF THE CONSTRUCTION AREA WITH WATER, APPLY CALCIUM CHLORIDE OR SWEEP ASPHALT ROADS WITH A POWER BROOM AS DUST CONTROL.
6. ANY SURFACES, LINES, OR STRUCTURES WHICH HAVE BEEN DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THE CONDITION AT LEAST EQUAL TO THAT IN WHICH THEY WERE FOUND IMMEDIATELY PRIOR TO THE BEGINNING OF FURTHER OPERATIONS.
7. THE DESIGN ON THESE PLANS SHALL BE INSPECTED BY THE TOWN OF ESSEX PUBLIC WORKS DEPARTMENT TO ENSURE COMPLIANCE WITH THE PLANS AND REQUIREMENTS HERE IN. THE TOWN OF ESSEX WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS THAT ARISE FROM THE FAILURE OF THE CONTRACTOR TO FOLLOW THESE PLANS, SPECIFICATIONS AND DESIGN INTENT THAT THE PLANS CONVEY, AND FROM FAILURE TO HAVE BEEN NOTIFIED TO INSPECT THE CONSTRUCTION IN PROGRESS.

EROSION CONTROL SPECIFICATIONS

8. FOR ANY WORK WITHIN THE TOWN OR STATE HIGHWAY RIGHT-OF-WAY A MINIMUM OF ONE-WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. CONTINUOUS TWO-WAY TRAFFIC WILL BE REQUIRED AT NIGHT, DURING PEAK-HOURS, AND WHENEVER POSSIBLE DURING ACTUAL CONSTRUCTION ACTIVITIES. UNIFORMED TRAFFIC CONTROL OFFICERS SHALL DIRECT TRAFFIC DURING PEAK HOURS WHEN THERE IS ONE-WAY TRAFFIC OR WHEN DEEMED NECESSARY BY THE TOWN OR STATE. TEMPORARY CONSTRUCTION SIGNS AND TRAFFIC CONTROL SIGNS SHALL BE ERECTED BY THE CONTRACTOR IN ACCORDANCE WITH STATE AND TOWN STANDARDS.
 9. TO ENSURE COMPLIANCE WITH THE PLAN(S), THE CONTRACTOR SHALL NOTIFY THE TOWN ENGINEER 24 HOURS IN ADVANCE OF STARTING ANY WORK, CUTTING THE PAVEMENT, BEGINNING THE INSTALLATION OF ALL UTILITIES, BRINGING IN ANY NEW GRAVEL FOR THE NEW BASE, PAVING, AND FINAL INSPECTION.
 10. HEALTHY EXISTING TREES, AS SHOWN ON THE PLANS, ON AND ADJACENT TO THE SITE SHALL BE PROTECTED BY THE CONTRACTOR.
 11. FINISH SLOPES, DITCHES AND DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4 INCHES OF TOPSOIL AND BE FERTILIZED, SEED, LIMED, AND MULCHED. TURF ESTABLISHMENT SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 651 OF THE VERMONT AGENCY OF TRANSPORTATION SPECIFICATIONS AND OR THE REQUIREMENTS OF THE TOWN OF ESSEX STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE TOWN OF ESSEX STANDARD SPECIFICATIONS FOR CONSTRUCTION.
 12. ALL FILL SHALL BE PLACED IN 6 INCH LIFTS AND THOROUGHLY COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY A STANDARD PROCTOR, UNLESS OTHERWISE SPECIFIED.
 13. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED BY THE AFTER EVERY RAINFALL OR AS DIRECTED BY THE TOWN ENGINEER. THE MAINTENANCE OF THE EROSION CONTROL DEVICES SHALL INCLUDE REMOVAL OF ANY ACCUMULATED SEDIMENTATION.
 14. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTROL ALIGNMENT AND GRADE. THE TOWN ENGINEER WILL NOT ESTABLISH BASELINES OR SET GRADE.
 15. AT COMPLETION OF GRADING, SLOPES, DITCHES, AND ALL DISTURBED AREAS SHALL BE SMOOTH AND FREE OF POCKETS WITH SUFFICIENT SLOPE TO ENSURE DRAINAGE.
- A) THE CONTRACTOR SHALL INSTALL AND MAINTAIN HAY BALE DAMS, SILT FENCES, AND OTHER EROSION CONTROL MEASURES, IF REQUIRED, AS ORDERED BY THE ENGINEER. THE EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AFTER EVERY RAINFALL UNTIL THE NEW IMPROVEMENTS ARE PAVED AND ALL DISTURBED AREAS HAVE BEEN GRASSED. THE REPAIR OF THE EROSION CONTROL MEASURES WILL INCLUDE REMOVING ANY SEDIMENTATION. THE SEDIMENT MAY BE PLACED AS FILL IN THE LOW AREAS, IF APPROVED BY THE ENGINEER.
 - B) THE TOPSOIL SHALL BE REMOVED FROM THE AREAS TO BE GRADED AND STOCKPILED. STAKED HAY BALES OR A SILT FENCE SHALL BE PLACED CONTINUOUSLY AROUND THE BOTTOM OF THE PILE.
 - C) IN AREAS NEAR THE NEW CONSTRUCTION, THE CONTRACTOR SHALL ENCLOSE THE TRUNKS OF TREES TO BE SAVED WITH WOODEN SNOW FENCING ALONG THE DRILLLINE TO PROTECT THE FROM INJURY.
 - D) THE SITE GRADING WILL THEN BE DONE AND THE PIPELINES WILL BE INSTALLED IMMEDIATELY FOLLOWING GRADING. THE CONTRACTOR WILL INSTALL AND MAINTAIN HAY BALE PROTECTION AROUND THE CATCH BASINS UNTIL THE ROADWAY HAS BEEN PAVED AND GRASS HAS BEEN ESTABLISHED ON THE SLOPES.
 - E) THE CONTRACTOR WILL TOPSOIL, SEED, AND MULCH THE DISTURBED AREAS AS SOON AS POSSIBLE FOLLOWING COMPLETION OF ADJACENT CONSTRUCTION.
 - F) OPEN CUT AREAS SHALL BE MULCHED OUTSIDE OF ACTUAL WORK AREAS, AND HAY BALES SHALL BE EMPLOYED TO CONFINE SHEET WASH AND RUNOFF TO THE IMMEDIATE OPEN AREA AS ORDERED BY THE ENGINEER.

TOWN OF ESSEX
DRYING BED FACILITY 2010

CONSTRUCTION DETAILS

Rev	Description	By	Date
1	MINOR REVISIONS	JAK	3/5/10

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Project Number	
Public Works Director: D. Lutz	
Project Designer: J. KLINE	
Drawn By: J. KLINE	
Checked By: A. MARTIN	
Scale: As Noted	
Approved	
Date: February 16, 2010	

