ROBERT LAGA Chairman

TOWN OF CARMEL ENVIRONMENTAL CONSERVATION BOARD

BOARD MEMBERS

ANTHONY DUSOVIC Vice-Chair

ROSE TROMBETTA Secretary

DAVID KLOTZLE Wetland Inspector

60 McAlpin Avenue Mahopac, New York 10541 Tel. (845) 628-1500 - Ext. 190 www.ci.carmel.ny.us Edward Barnett Marc Pekowsky Vincent Turano Nicholas Fannin John Starace

ENVIRONMENTAL CONSERVATION BOARD AGENDA

JUNE 2, 2016 - 7:30 P.M.

ELIGIBLE FOR A PERMIT

APPLICANT	

ADDRESS

TAX MAP #

COMMENTS

1. Random Ridge Subdivision

Kennicut Hill Rd

76.10-1-23

29 Lot Cluster Subdivision

SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION

2. Dewn Holding Corp.

Mexico Lane

53.-2-28

5 Lot Subdivision

PUBLIC HEARING

3. Willow Wood Country Club d/b/a Willow Wood Gun Club 551 Union Valley Rd

87.7-1-7

Tree Harvesting

BOND RETURN

4. Wagner Millwork LLC -Corbelli 150 Barrett Hill Rd

53.18-1-28

Tree Harvesting

MISCELLANEOUS

5. Minutes - 05/05/16 & 05/19/16

JOHN KARELL, JR., P.E. 121 CUSHMAN ROAD PATTERSON, NEW YORK, 12563

845-878-7894 FAX 845 878 4939

jack4911@vahoo.com

May 24, 2016

Rose Trombetta Planning Board Secretary Carmel Town Hall Mahopac, New York, 10541

Re: ECB Approval Dewn; 5-Lot Realty Subdivision Mexico Lane; TM # 52.-2-28; Carmel (T)

Dear Ms. Trombetta:

Pursuant to comments from the ECB at a meeting on May 19, 2916, attached please find a revised submission as follows:

- 1. Five (5) full sized sets of the construction drawings signed and sealed.
- 2. Two copies of the deed
- 3. One copy of the NYCDEP approved SWPPP and other agency approvals and associated documents.

Expiration of Existing Approvals:

Health Department – January 24, 2019 NYSDEC – December 31, 2017 NYCDEP – July 3, 2017

Please be advised as follows relative to the comments of the Board:

- 1. **DEC Wetland validation and flagging** we have contacted the DEC and provide the attached DEC response which indicates that the flagging and validation block are still valid.
- 2. Construction sequence On the plans
- 3. **Highlight areas of work** Are of disturbance within the 100 foot wetland setback is highlighted. The area of disturbance within the wetland setback is noted.
- 4. Staging area, fueling area and spill kit shown on the plans
- 5. Erosion control measures shown on the plans
- 6. Silt fence location and detail shown on the plans
- 7. **Planning Board approval** Issued final approval on May 18, 2016. Copy attached. Mr. Franzetti has reviewed this project in his capacity as Town Engineer and approved all aspects, including the SWPPP.
- 8. **Deed** Provided previously to the Planning Board. Copy attached.
- 9. Health Department approval attached.

It is requested that this application be accepted as complete and processed for a permit asap as all other permits are in place and this project is ready to go.

RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF CARMEL

#16-14, May 18, 2016

Tax Map #53-2-28

DEWN HOLDING SUBDIVISION FINAL SUBDIVISION RE-APPROVAL

WHEREAS, on February 26, 2014 via Resolution #14-01, the Planning Board granted final subdivision approval to the Dewn Holding Company, Mahopac (herein after referred to as the "Applicant") for the subdivision of property located off Mexico Lane; and

WHEREAS, the action involves the subdivision of a 30.35 acre parcel of land to create five new lots ranging from 190,738 square feet (4.3 acres) to 767,452 square feet (17.6 acres) in size. The new lots would be served by individual subsurface septic disposal systems and individual potable water wells, and a common driveway would provide access to the lots via open development (herein after referred to as the "Project" or "Proposed Action"); and

WHEREAS, the subject site is located off Mexico Lane, and is more specifically known and identified as Tax Map #53-2-28 (herein after referred to as the "Site"), and

WHEREAS, the Planning Board granted an extension to the final subdivision approval, which has subsequently expired; and

WHEREAS, the Applicant has submitted an application for re-approval of the proposed subdivision, with no changes; and

WHEREAS, on April 7, 2016, the Town Board re-granted Open Development status for the project, thereby allowing for access for four of the lots without frontage on an improved street; and

WHEREAS, the Site is located within the R- Residential Zoning District; and

WHEREAS, the tract is currently vacant and undeveloped; and

WHEREAS, the following plans prepared by Hudson Engineering and Consulting, Tarrytown, NY dated May 31, 2008, last revised August 12, 2013, are collectively known as the "Final Subdivision Plan":

- C-1 Trench Layout Plan
- C-1A Subdivision Plat
- C-2 Sediment & Erosion Control Plan
- C-3 Road Profile

- C-4 Details
- C-5 Details
- C-6 Details
- C-7 Proposed Easements
- C-8 Sequencing Limits Plan
- C-9 Sequencing Limits Plan
- C-10 Sequencing Limits Plan
- WS-E Watershed Existing
- WS-P Watershed Proposed

WHEREAS, the Town of Carmel has an ongoing need for parks, playgrounds and recreational facilities and the population generated by the Proposed Action will result in an incremental increase in the demand for these facilities; and

WHEREAS, the Land Subdivision Regulations recommend that such reservations shall be of suitable size, location, topography and general character for parks, playgrounds or other recreational purposes, and the Planning Board has found that a location for such a set-aside is not available on the site; and

WHEREAS, a duly noticed public hearing on the Proposed Action was held, at which time all interested parties were provided an opportunity to be heard on this matter; and

WHEREAS, the proposed action has been determined to be an Unlisted Action pursuant to SEQR 6 NYCRR Part 617; and

WHEREAS, on November 18, 2009, the Planning Board, serving as Lead Agency for the SEQR review of this application, adopted a Negative Declaration; and

WHEREAS, the Findings of the Negative Declaration remain valid and applicable; and

WHEREAS, the requirements for final subdivision plat approval contained in the "Subdivision of Land Regulations of the Town of Carmel" have been met by said subdivision application.

NOW THEREFORE BE IT RESOLVED, that the Planning Board of the Town of Carmel hereby classifies the Proposed Action as a "Major Subdivision" pursuant to §131-3 of the Land Subdivision Regulations

BE IT FURTHER RESOLVED, that upon full consideration of the above, the Planning Board of the Town of Carmel hereby grants Final Subdivision Plat Approval for the application submitted by the Dewn Holding Company, Thornwood, NY, as depicted on the plans identified above, subject to the following conditions:

CONDITIONS PRIOR TO ENDORSEMENT OF FINALPLAT

The following conditions shall be completed by the Applicant prior to the endorsement of the Final Subdivision Plat by the Planning Board Chairman:

- 8. No changes, additions, erasures, modifications or revisions shall be made to the Final Subdivision Plat following endorsement by the Planning Board Chairman. Any changes detected after endorsement of the Final Subdivision Plat as final, shall result in the immediate termination and revocation of this Resolution of Approval, thereby making it null and void.
- 9. Within ten (10) days after the Final Subdivision Plat has been filed in the in the Office of the Putnam County Clerk, Division of Land Records, the Applicant shall deliver to the Planning Board Secretary five (5) printed sets, collated and folded, of the Final Subdivision Plat and Plans, and five copies of all filed easements. No Building Permit shall be issued by the Building Inspector until the required Final Subdivision Plat and Plans print sets are provided to the Planning Board Secretary.

CONDITIONS PRIOR TO ISSUANCE OF A BUILDING PERMIT

The following conditions shall be completed by the Applicant prior to the issuance of a Building Permit by the Building Inspector:

- 10. The Building Inspector shall not issue a Building Permit pertaining to the activities approved herein until the Applicant has complied with Conditions 1 10
- 11. Authorized issuance of a Building Permit by the Building Inspector shall be fully based on, and in accordance with this Resolution of Approval and the signed and filed Final Subdivision Plat and Plans. The Building Inspector shall include reference to the Final Subdivision Plat and Plans and this Resolution of Approval on any Building Permit.
- 12. Prior to initiation of construction the Applicant or his representative will meet with the design engineer, Town Engineer, Highway Superintendent, Building Inspector, Site Contractor and/or any additional outside agencies that may have jurisdiction over aspects of the Project for a preconstruction conference to review all facets of construction and required inspections.
- 13. A Town of Carmel Highway Department work permit shall be obtained.

GENERAL CONDITIONS OF IMPLEMEMNTATION AND CONSTRUCTION

The following conditions shall apply during the implementation of the site improvements and construction of the Project:

14. An access easement agreement addressing the shared use of the common driveway as indicated on the Final Subdivision Plan shall be provided for review and approval by the Planning Board Attorney shall be recorded simultaneously with the filing of the Final Subdivision Plat.

- 15. The utility and stormwater easements, depicted on drawing C-7 shall be provided for review and approval by the Planning Board Attorney shall be recorded simultaneously with the filing of the Final Subdivision Plat.
- 16. The new dwellings and other site improvements shall be restricted to the building envelopes shown on the Final Subdivision Plat and Plans. Substantial changes, as determined by the Building Inspector and Town Planning Consultant, in the location of dwellings, driveways, drainage improvements, and other site improvements, shall require the review and approval of the Planning Board.
- 17. All terms and conditions of the Town Board's Open Development approval are hereby incorporated into this approval by reference.
- 18. All terms and conditions of the NYSDEC Freshwater Wetland Permit, issued December 5, 2013 shall be complied with.
- 19. All terms and conditions of the Town of Carmel ECB Wetland permit shall be complied with.
- 20. The project shall comply with all terms and conditions of the Stormwater Pollution Prevention Plan, approved by the NYCDEP on July 12, 2013.
- 21. An irrevocable offer of dedication for the portion of Mexico Lane frontage within 25 feet of the roadway centerline shall be provided to the Town of Carmel, for future road widening purposes.
- 22. The Applicant shall execute and file with the Putnam County Clerk, a "Stormwater Control Facility Maintenance Agreement" as specified in §156-85 to assure long-term maintenance of these treatment areas.
- 23. To the extent not covered in #22 above, the applicant shall provide a maintenance agreement or agreements for the 15 rain gardens on individual properties, and said agreements shall be prepared to the satisfaction of the Planning Board Attorney.
- 24. The hours of construction activity shall take place in conformance with the applicable Town Regulations.
- 25. Prior to the commencement of any site work or construction activity, erosion and sedimentation controls shall be installed in accordance with the requirements of the Town Engineer, and additional controls as may be required by the Building Inspector, Town Engineer, Highway Superintendent or their agents. Stormwater runoff shall be controlled at all times during construction to prevent erosion of the site area under construction and to prevent sedimentation and dust dispersal upon areas not under construction, particularly off-site locations. Silt fencing, hay bales, anti-tracking aprons and all other required erosion and sedimentation control measures shall be

regularly inspected and maintained in an orderly and functioning manner in accordance with all Town of Carmel Ordinances and Laws, the New York Guidelines for Urban Erosion and Sediment Control, and Best Management Practices. Additional supplies of silt fencing and hay bales shall be kept on the site during construction for immediate use if needed.

- 26. Any and all new site utilities shall be installed underground.
- 27. The project shall maintain a zero% increase in the rate of runoff.
- 28. A clean and legible copy of this Resolution (as signed by the Planning Board Chairman) and a copy of the signed Final Subdivision Plat and Plans shall be maintained at the subject property at all times.

PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY

The following conditions shall be complied with prior to the issuance of a Certificate of Occupancy by the Building Inspector:

- 29. Prior to the issuance of an individual Certificate of Occupancy by the Building Inspector, and as a condition thereto, all site improvements (e.g. buildings, driveways, grading etc) associated with the lot requesting the Certificate of Occupancy, including all required utilities (e.g. water supply, sewage disposal, stormwater controls, electric, telephone, etc.) to serve said lot, shall be completed and operational. All disturbed areas shall be stabilized, regarded and re-vegetated.
- 30. Prior to the issuance of a Certificate of Occupancy by the Building Inspector, an "As-Built" Plan showing the installed and completed improvements, certified by a New York State licensed Land Surveyor shall be prepared at the sole expense of the Applicant.
- 31. All improvements shall be maintained in strict accordance with all applicable rules, regulations, ordinances and laws as a condition of maintenance of a Certificate of Occupancy
- 32. Failure to comply with any of the conditions set forth herein shall be deemed a violation of this approval, which may lead to the revocation of the Approval and/or Certificate of Occupancy, in accordance with the applicable provisions of the Town of Carmel.

BE IT FURTHER RESOLVED, That this Final Subdivision Approval shall expire within one hundred eighty (180) days of the date of this resolution unless the Applicant submits for signature by the Planning Board Chairman, the Final Subdivision Plat, as endorsed by the Putnam County Department of Health and in conformance with the Land Subdivision Regulations.

BE IT FINALLY RESOLVED, that this Final Subdivision Plat Approval resolution shall have an effective date of May 18, 2016.

PLANNING BOARD TOWN OF CARMEL

Chairman

5/18/16

Dated:

ALLEN BEALS, M.D., J.D. Commissioner of Health

ROBERT MORRIS, P.E., MPH Director of Environmental Health



MARYELLEN ODELL County Executive

DEPARTMENT OF HEALTH

1 Geneva Road, Brewster, New York 10509 Phone # (845) 808-1390 Fax # (845) 278-7921

January 24, 2014

David Adler Dewn Holding Company 19 Sunset Drive Thornwood, NY 10594

This certificate is issued under the provisions of the Public Health Law in connection with the approval of plans on January 24, 2014 for the realty subdivision known as <u>Dewn Subdivision/Eagle Hill.</u>

The following data was furnished in connection with the submission of the plans:		
Location: Mexico Lane, (T) Carmel		
Acres (approx.) 30.1 No. of Lots 5 Size (approx.) 3-17 acres		
Owner intends to <u>build houses</u>		
Topography rolling, gentle and steep slopes		
Depth to groundwater 4.5 feet When October 10, 2012		
Soil <u>sandy loom</u>		
Grading (cut or fill) septic (fill only) driveways, common drive, drainage basin		
Drainage drainage basin, rain gardens for roof leade drains		
Water Supply Individual Drilled Wells		
Sewage treatment Individual subsurface sewage treatment systems		

APPROVAL OF THIS SUBDIVISION IS GRANTED ON CONDITION (continued)

- 1. That the proposed facilities for water supply and sewage disposal are installed in conformity with said plans.
- 2. That no lot or remaining land (if applicable) shall be subdivided without plans for such resubdivision being submitted to and approved by the Putnam County Health Department.

- 3. That the developer shall furnish each purchaser of a lot on which water supply and/or sewage treatment facilities were installed with a reproduction of the approved plans and an accurate as-built plan depicting all installed sanitary facilities.
- 4. That the developer shall furnish each purchaser of a lot on which there was no water supply and/or sewage treatment facilities installed with a reproduction of the approved subdivision and/or construction permit plans and shall notify the purchaser of the necessity of installing such facilities in accordance with approved construction permit plans.
- 5. That the sanitary facilities on these lots shall be inspected for compliance with the approved plans at the time of construction by a P.E., R.A., or exempt L.L.S. and a certificate of construction compliance is to be submitted to the Putnam County Health Department for approval prior to occupancy.
- 6. That individual wells and sewage treatment systems shall no longer be constructed or used for household domestic purposes when public facilities become available. Connection to the public sewerage system is required within one year of the system(s) becoming available.
- 7. That plan approval is limited to 5 years and expires on <u>January 24, 2019</u>
- 8. That the approved plans must be filed with the Putnam County Clerk prior to offering lots for sale and within 90 days of the date of plan approval.

Bv:

Robert Morris, P.E.

Director of Environmental Health

Chew Maris DE

RM:cml

cc: J. Karell, P.E.

File



New York State Office of Parks, Recreation and Historic Preservation Andrew M. Cuomo Governor

> Rose Harvey Commissioner

Division for Historic Preservation P.O. Box 189, Waterford, New York 12188-0189 518-237-8643

October 23, 2013

John Karell 121 Cushman Rd. Patterson, New York 12563

Re:

DEC

Dewn Holding Corp (aka Eagle Hill)

Subdivision - 5 lots 178 Mexico Ln, N side CARMEL, Putnam County

13PR04208

Dear Mr. Karell:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the project in accordance with the New York State Historic Preservation Act of 1980 (Section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the Division for Historic Preservation and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8) and its implementing regulations (6 NYCRR Part 617).

Based upon this review, it is the OPRHP's opinion that your project will have No Impact upon cultural resources in or eligible for inclusion in the State and National Register of Historic Places.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont

Buth &. Rupont

Deputy Commissioner for Historic Preservation



PERMIT

Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:

DEWN HOLDING CORPORATION.

19 SUNSET DR

Facility:

DEWN SUBDIVISION

MEXICO LN 600 FT SW OF HITCHCOCK HILL.

RD

THORNWOOD, NY 10594

(914) 741-0954

MAHOPAC, NY 10541

Facility Location: in CARMEL in PUTNAM COUNTY

Facility Principal Reference Point: NYTM-E: 603.577

NYTM-N: 4584.71

Latitude: 41°24'26.2" Longitude: 73°45'38.8"

Authorized Activity: This permit authorizes disturbance to 6,488 square feet of the adjacent area of NYS-regulated Freshwater Wetland OL-18, Class 1. The disturbance is associated with an access road and stormwater basin to serve a new 5-lot single-family residential subdivision on a 30.45-acre parcel. All work is separated from the wetland by Mexico Lane.

Permit Authorizations

Freshwater Wetlands - Under Article 24

Permit ID 3-3720-00372/00001

New Permit

Effective Date: 12/5/2013

Expiration Date: 12/31/2017

NYSDEC Approval

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.

Permit Administrator: DANIEL T WHITEHEAD, Deputy Regional Permit Administrator

Address:

NYSDEC REGION 3 HEADQUARTERS

21 SOUTH PUTT CORNERS RD NEW PALTZ, NY 12561 -1620

Authorized Signature:

um boldline

Date 12/5/2013



Distribution List

John Karell, Karell Eng via email Town of Carmel Supervisor via email Maria Tupper-Goebel, NYCDEP via email Doug Gaugler, DEC Bur of Habitat via email

Permit Components

NATURAL RESOURCE PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

NATURAL RESOURCE PERMIT CONDITIONS - Apply to the Following Permits: FRESHWATER WETLANDS

- 1. Conformance With Plans All activities authorized by this permit must be in strict conformance with the approved plans submitted by the applicant or applicant's agent as part of the permit application. Such approved plans were prepared by Hudson Engineering & Consulting P.C. and consisting of the thirteen sheets listed in Natural Resource Condition #2.
- 2. Approved Plans The approved plans consist of the following sheets titled "5-Lot Subdivision Mexico Lane (AKA Eagle Hill):
- 1. Sheet C-1 Trench Layout Plan, dated 5/31/2008 and last revised 8/12/2013
- Sheet C-1A Subdivision Plat, dated 7/18/2013 and last revised 8/12/2013
- 3. Sheet C-2 Sediment & Erosion Control Plan, dated 5/31/2008 and last revised 8/12/2013
- 4. Sheet C-3 Road Profile, dated 1/20/2008 and last revised 1/23/2012
- 5. Sheet C-4 Details, dated 1/20/2008 and last revised 3/21/2012
- 6. Sheet C-5 Details, dated 1/20/2008 and last revised 1/23/2012
- 7. Sheet C-6 Details, dated 1/20/2008 and last revised 4/16/2012
- Sheet C-7 Proposed Easements, dated 3/21/2012 and last revised 11/13/2012
- 9. Sheet C-8 Sequencing Limits Plan, dated 4/16/2012 and last revised 11/13/2012
- 10. Sheet C-9 Sequencing Limits Plan, dated 4/16/2012 and last revised 11/13/2012
- 11. Sheet C-10 Sequencing Limits Plan, dated 4/16/2012 and last revised 11/13/2012
- 12. Sheet WS-E Watershed Existing, dated 1/20/2008 and last revised 1/23/2012
- 13. Sheet WS-P Watershed Proposed, dated 1/20/2008 and last revised 1/23/2012
- 3. Notice of Intent to Commence Work The Permittee shall notify the Department 3 to 5 days prior to the commencement of work on the project by emailing Doug Gaugler, dggaugle@gw.dec.state.ny.us. The email needs to include the permit number, permittee name and the project start date.

9

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Facility DEC ID 3-3720-00372

- 4. Post Permit Sign The permit sign enclosed with this permit shall be posted in a conspicuous location on the worksite and adequately protected from the weather.
- 5. No Wetland Disturbance No disturbance to the wetland is authorized.
- 6. Work Within Area Depicted on Plans All construction activity, including operation of machinery. excavation, filling, grading, clearing of vegetation, disposal of waste, street paving and stockpiling of material must take place within the project site as depicted on the project plans referenced by this permit. Construction activity is prohibited within areas to be left in a natural condition or areas not designated by the subject permit.
- 7. Install Erosion Controls Before any soil is disturbed on the subject site, the permittee shall install erosion and sedimentation controls which are adequate to prevent erosion and sedimentation off-site. Such controls shall be maintained until the unpaved portions of subject site, if any, are stabilized by a self-sustaining cover of vegetation that is adequate to prevent erosion and sedimentation on and off such site. Before such controls are removed, the permittee shall remove all sediment that has accumulated at such controls.
- 8. Precautions Against Contamination of Waters All necessary precautions shall be taken to preclude contamination of any wetland or waterway by suspended solids, sediments, fuels, solvents, lubricants, epoxy coatings, paints, concrete, leachate or any other environmentally deleterious materials associated with the project.
- 9. Invasive Species (Non-native Vegetation) To prevent the unintentional introduction or spread of invasive species, the permittee must ensure that all construction equipment be cleaned of mud, seeds, vegetation and other debris before entering any approved construction areas within the state regulated freshwater wetland or its 100 foot adjacent area.
- 10. Seed, Mulch Disturbed Soils All areas of soil disturbance resulting from this project shall be seeded with an appropriate perennial grass seed and mulched with straw within one week of final grading.

If seeding is impracticable due to the time of year, a temporary mulch shall be applied and final seeding shall be performed at the earliest opportunity when weather conditions favor germination and growth but not more than six months after project completion.

- 11. State Not Liable for Damage The State of New York shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the State for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.
- 12. State May Order Removal or Alteration of Work If future operations by the State of New York require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Department of Environmental Conservation it shall cause unreasonable obstruction to the free navigation of said waters or flood flows or endanger the health, safety or welfare of the people of the State, or cause loss or destruction of the natural resources of the State, the owner may be ordered by the Department to remove or alter the structural work, obstructions, or hazards caused thereby without expense to the State, and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners, shall, without

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Facility DEC ID 3-3720-00372

expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable and flood capacity of the watercourse. No claim shall be made against the State of New York on account of any such removal or alteration.

13. State May Require Site Restoration If upon the expiration or revocation of this permit, the project hereby authorized has not been completed, the applicant shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may lawfully require, remove all or any portion of the uncompleted structure or fill and restore the site to its former condition. No claim shall be made against the State of New York on account of any such removal or alteration.

GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

- 2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.
- 3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator NYSDEC REGION 3 HEADQUARTERS 21 SOUTH PUTT CORNERS RD NEW PALTZ, NY12561 -1620

4. Submission of Renewal Application The permittee must submit a renewal application at least 30 days before permit expiration for the following permit authorizations: Freshwater Wetlands.



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Facility DEC ID 3-3720-00372

- 5. Permit Modifications, Suspensions and Revocations by the Department The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:
 - a. materially false or inaccurate statements in the permit application or supporting papers;
 - b. failure by the permittee to comply with any terms or conditions of the permit;
 - c. exceeding the scope of the project as described in the permit application;
 - d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
 - e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.
- 6. **Permit Transfer** Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-ofway that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Facility DEC ID 3-3720-00372

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

Item E: SEQR Unlisted Action, No Lead Agency, No Significant Impact Under the State Environmental Quality Review Act (SEQR), the project associated with this permit is classified as an Unlisted Action and the Department of Environmental Conservation has determined that it will not have a significant effect on the environment. Other involved agencies may reach an independent determination of environmental significance for this project.

New York State Department of Environmental Conservation Division of Environmental Permits, Region 3

21 South Putt Corners Road, New Paltz, New York 12561-1620

FAX: (845) 255-4659 Website: www.dec.ny.gov



IMPORTANT NOTICE TO ALL PERMITTEES

The permit you requested is enclosed. Please read it carefully and note the conditions that are included in it. The permit is valid for only that activity expressly authorized therein; work beyond the scope of the permit may be considered a violation of law and be subject to appropriate enforcement action. Granting of this permit does not relieve the permittee of the responsibility of obtaining any other permission, consent or approval from any other federal, state, or local government which may be required.

Please note the expiration date of the permit. Applications for permit renewal should be made well in advance of the expiration date (minimum of 30 days) and submitted to the Regional Permit Administrator at the above address. For SPDES, Solid Waste and Hazardous Waste Permits, renewals must be made at least 180 days prior to the expiration date.

Applicable only if checked. Please note all work authorized under this permit is prohibited during trout spawning season commencing October 1 and ending April 30.

The DEC permit number & program ID number noted on page 1 under "Permit Authorization" of the permit are important and should be retained for your records. These numbers should be referenced on all correspondence related to the permit, and on any future applications for permits associated with this facility/project area.

If a permit notice sign is enclosed, you must post it at the work site with appropriate weather protection, as well as a copy of the permit per General Condition 1.

If the permit is associated with a project that will entail construction of new water pollution control facilities or modifications to existing facilities, plan approval for the system design will be required from the appropriate Department's regional Division of Water or delegated local Health Department, as specified in the State Pollutant Discharge Elimination System (SPDES) permit.

If you have any questions on the extent of work authorized or your obligations under the permit, please contact the staff person indicated below or the Division of Environmental Permits at the above address.

> Rebecca Crist Hich Division of Environmental Permits, Region 3 Telephone (845) 256-3014

Mapplicable Only if Checked for STORMWATER SPDES INFORMATION: We have determined that your project qualifies for coverage under the General Stormwater SPDES Permit. You must now file a Notice of Intent to obtain coverage under the General Permit. This form can be downloaded at: http://www.dec.ny.gov/chemical/43133.html Applicable Only if Checked MS4 Areas: This site is within an MS4 area (Municipal Separate Storm Sewer System), therefore the SWPPP must be reviewed and accepted by the municipality. The MS-4 acceptance Form must be submitted in addition to the Notice of Intent. This form can be downloaded at the same site as the Notice of Intent.

Send the completed form(s) to: NYS DEC, Stormwater Permitting, Division of Water, 625 Broadway, Albany, New York 12233-3505

In addition, DEC requests that you provide one electronic copy of the approved SWPPP directly to Natalie Browne at NYS DEC, 100 Hillside Avenue - Suite 1W, White Plains, NY 10603-2860.

New York State Department of Environmental Conservation





845/256-3054. Please refer to the permit number shown when contacting the DEC. pursuant to the Environmental Conservation Law for work being conducted at For further information regarding the nature and extent of work The Department of Environmental Conservation (DEC) has issued permit(s) approved and any Department conditions on it, contact the DEC at this site.

Permit No. 3-3720 -00372/00001 Permittee: Dewn Holding Corp

Expiration date:

Effective Date: 12-05-2013

12-31-2017

□ Applicable if checked. No instream work allowed between October 1 & April 30

NOTE: This notice is NOT a permit.

STORMWATER POLLUTION PREVENTION PLAN DETERMINATION

Date: July 3, 2012

Determination made by:

Mary P. Galasso Supervisor

Stormwater Programs EOH

Recommended for Approval:

John Drake

Associate Project Manager Stormwater Programs EOH

This determination letter must be maintained by the applicant and be readily available for inspection at the construction site.

STORMWATER POLLUTION PREVENTION PLAN DETERMINATION

APPENDIX A

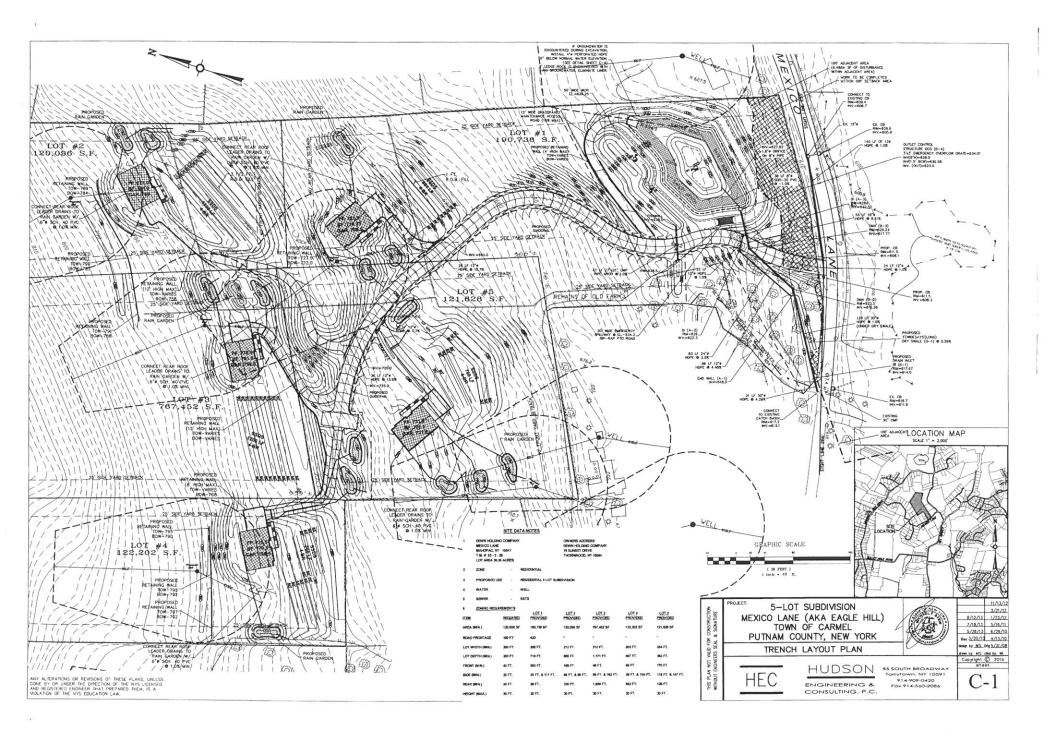
- 1. Report, titled Stormwater Pollution Prevention Plan & Drainage Analysis; 5-Lot Subdivision Mexico Lane Town of Carmel Putnam County, New York, prepared by Michael F. Stein, P.E., dated February 2011 and last revised April 2011.
- 2. Subdivision Plat titled Subdivision Plat Known as Eagle Hill, prepared by David L. O'Dell, L.S., last revised June 16, 2012.

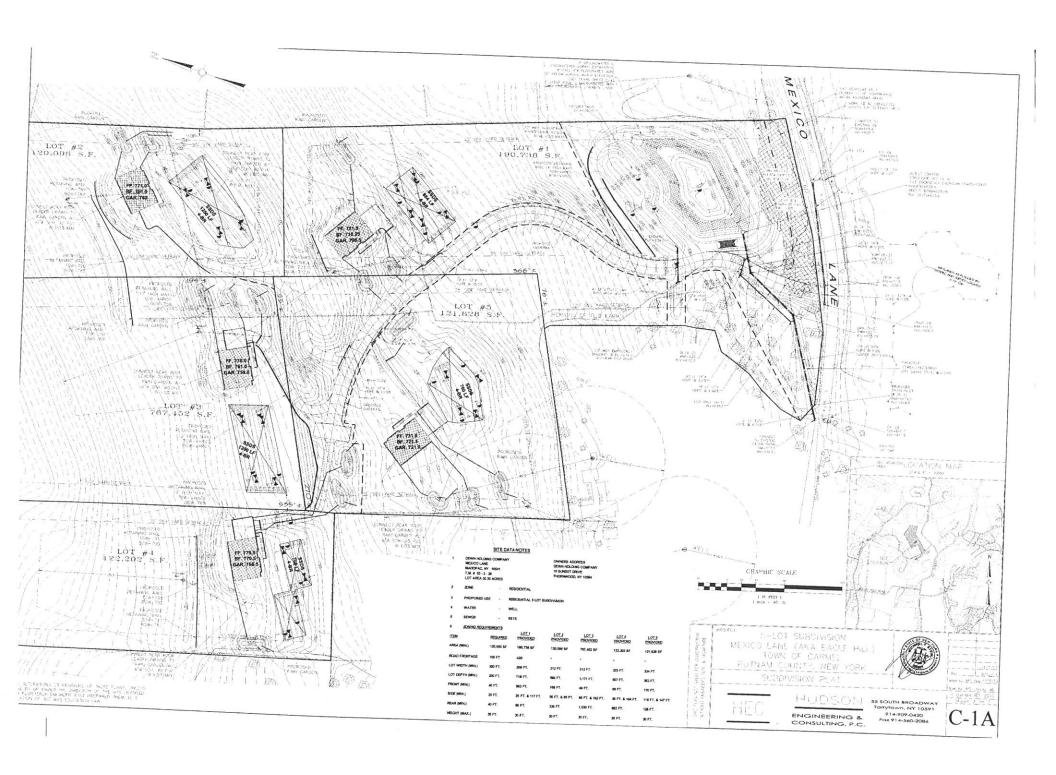
The following sheets from the set of drawings titled 5-Lot Subdivision Mexico Lane Town of Carmel Putnam County, New York, prepared by Michael F. Stein, P.E.:

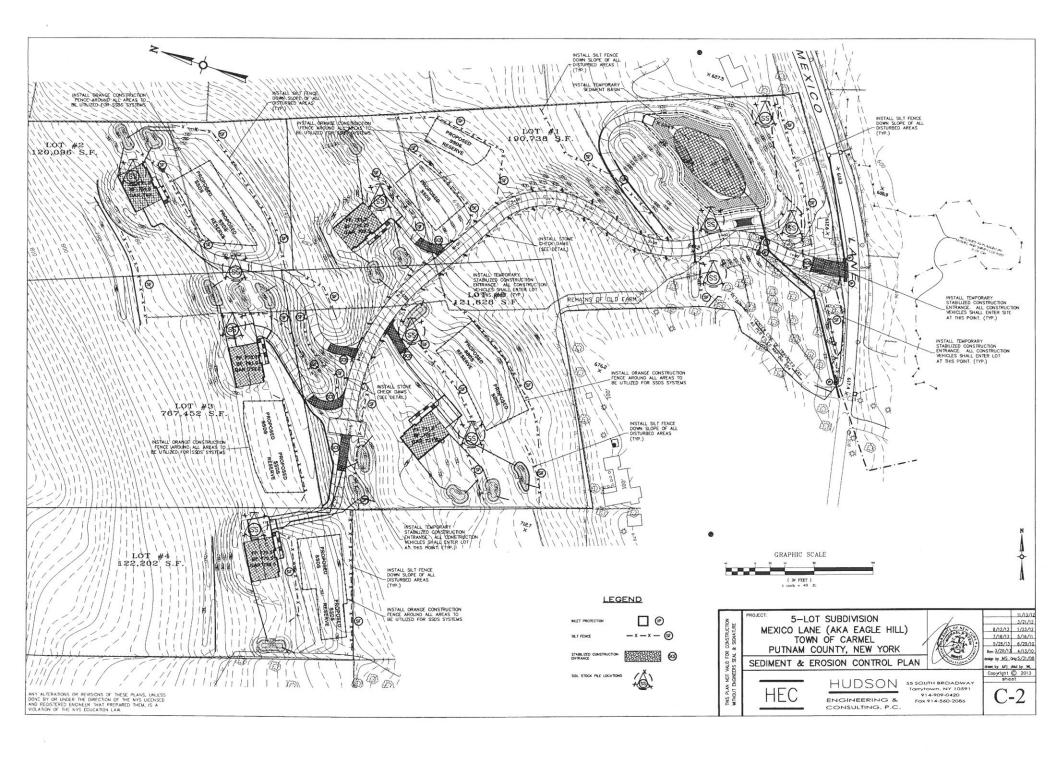
- 3. Sheet C-1, Site Layout Plan, dated May 31, 2008 and last revised March 21, 2012.
- 4. Sheet C-2, Sediment & Erosion Control Plan, dated May 31, 2008 and last revised March 21, 2012.
- 5. Sheet C-3, Road Profile, dated January 20, 2008 and last revised January 23, 2012.
- 6. Sheet C-4, Details, dated January 20, 2008 and last revised March 21, 2012.
- 7. Sheet C-5, Details, dated January 20, 2008 and last revised March 21, 2012.
- 8. Sheet C-6, Details, dated January 20, 2008 and last revised April 16, 2012.
- 9. Sheet C-7, Proposed Easements, dated March 21, 2012.
- 10. Sheet C-8, Sequencing Limits Plan, dated April 16, 2012.
- 11. Sheet C-9, Sequencing Limits Plan, dated April 16, 2012.
- 12. Sheet C-10, Sequencing Limits Plan, dated April 16, 2012

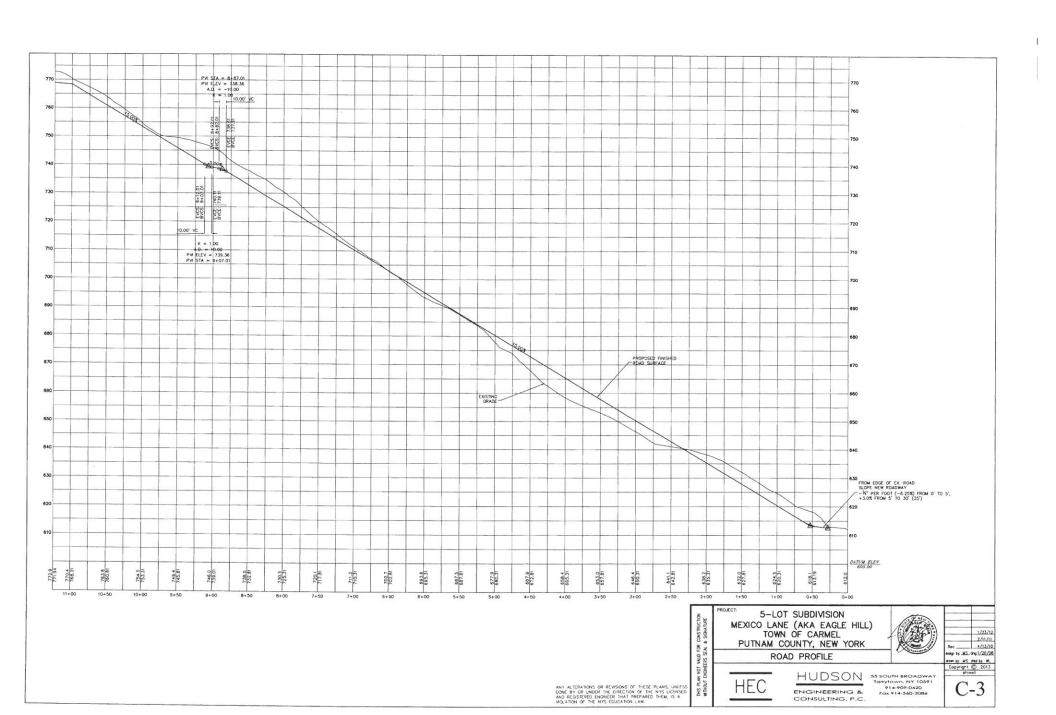
The following draft legal documents related to covenants, restrictions, and long-term maintenance of stormwater management measures, prepared by Harold Tevelowitz, received electronically by Michael F. Stein, P.E. on May 14, 2012:

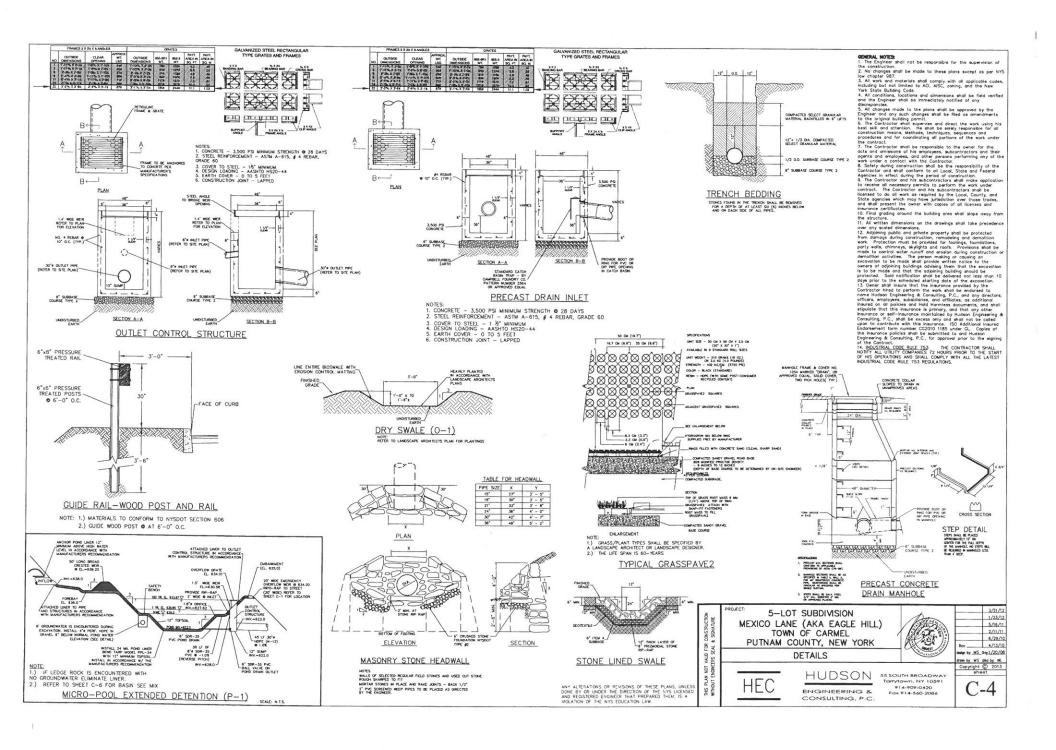
- 13. DECLARATION OF COVENANTS, CONDITIONS, RESTRICTIONS, EASEMENTS, CHARGES AND LIENS FOR EAGLE HILL
- 14. DECLARATION FOR COMMON ACCESS, STORMWATER POLLLUTION PREVENTION PLAN, GRADING, DRAINAGE AND UTILITIES
- 15. BY-LAWS OF EAGLE HILL ROAD ASSOCIATION, INC.

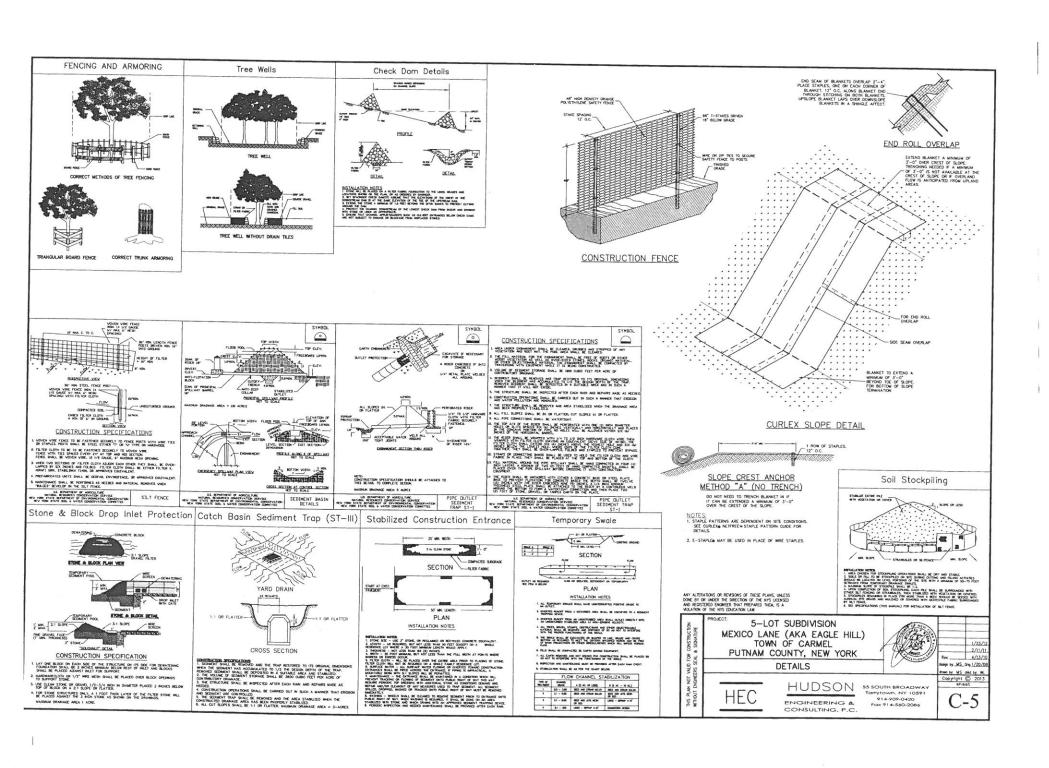












ONSTRUCTION PHASE

During the construction phase of the project, a sediment and erosion control plan shall be implemented in accordance with the New York State Department of Environmental Conservation's Best Management Practices (BMP). The primary goals of the sediment and erosion control plan are to prevent the tracking of dirt and mud onto adjacent oads, to prevent mud and silt from entering into existing and proposed drainage facilities, and to protect the receiving waters from tamination during the construction

contamination during the construction. During construction, the party responsible for implementing the During construction, the party responsible for implementing the During construction of the party of the party of the during the party of the party of the party of the party of the during the party of the party of the party of the party of the formation will be first with the Town of Carmel, NYCOEP of the NYSECE at the time of the generalization entirely. A New York State Professional Engineer or Certified Professional in Frankin and Sediment Control (P. et or CPSC) that Conduct an Invasion and Sediment Control (P. et or CPSC) that Conduct an invasion and Sediment Control (P. et or CPSC) when Conduct an t of the site prior to the commencement of construction and certify in an inspection report that the appropriate erosion and sediment controls shown on the plan have been adequately installed and/or implemented to ensure overall preparedness of the site for construction. Following the commencement of construction, site inspections shall be conducted by the P.E. or CPESC at least ever ndar days and within 24 hours of the end of a storm event of 0.5

- During each inspection, the representative shall record the following On a site map, indicate the extent of all disturbed site areas and drainage pathways. Indicate site areas that are expected to undergo initial disturbance or significant site work within the
- next 14-day period;

 2. Indicate on a site map all areas of the site that have undergone temporary or permanent stabilization; Indicate all disturbed site areas that have not undergone active
- site work during the previous 14-day period; Inspect all sediment control practices and record approximate
- degree of sediment accumulation as a percentage of the nent storage volume; Inspect all erosion and sediment control practices and re-
- Inspecial all eroulon and sediment control practices and record all maintenance requirements. Identify any evidence did not guilty ensistent occurring on sitipose and any loss of selablications observed to selablicate and selablications of the selablication occurring the control occurring the selablication occurring the control occurring the selablication occurring the control occurring the selablication occurring the
- a sits logbook. The sits logbook shall be maintained on-sits and be made available to the Town of Carmel, NYCDEP and the NYSDEC A summary of the site inspection activities shall be posted on a monthly basis in a publicity accessible location at the site

INUNDATION TOLERANCE LINCERA BENZON ALNUS PLEIOSA PRECLEAR SEASONAL ROSA PALUSTRIC LEX VERTICALATA ANDROPOSON SERARDI ANDROPOSON SLOMERATUS SEASONAL INFUNDATION
UP TO 1
SOME TOLERATES SATURATION TYPHA SP. PRECLEAR OR SPASONAL GLYCERIA STRIATA FOWL MANNAGRASS PACATION REGLIAR TO PERMANENTS V PONTEDERIA CORDATA

AGROSTIS ALBA

LEERSIA ORYZONES

CAREX SPP. UP TO 11 UP TO 25% OF THE SEASON UP TO 3" PEGULAR TO PREGULAR SCIRPUS CYPERINAL WOOL GRASS SEASONALLY MANDATED SEASONALLY FLOODED

EXISTING TOPSOIL

NATIVE SAND

OVERALL CONSTRUCTION SEQUENCING

edule shall be utilized (REFER TO SHEFTS C-8 C-9 & C-10 FOR BREAKDOWN OF AREAS)

- The construction manager shall notify the design engineer at least two (2) weeks prior to commencing site construction to schedule a pre-construction meeting with representative the construction to schedule a pre-construction meeting with representative DEC, NYCDEP and the Town. The site construction may not occur prior to
- preconstruction meeting.

 all a stabilized construction entrance at the access point(s) to the site. See plan Sheet.

- C-2 and C-5.
 Install orange construction fending around all proposed SSDS field locations. See plan Sheet C-2 and C-5.
 Sheet C-2 and C-5.
 Sheet C-2 and C-5.
 Install all fence down alogo of all areas to be disturbed. See plan Sheet C-2 and C-5.
 Install all fence down alogo of all areas to be disturbed. See plan Sheet C-2 and C-5.
 Install all fence down alogo of all areas to be disturbed. See plan Sheet C-2 and C-5.
 Remove trees where necessary (clear 4 grupt) for the construction of the pond. Grade is stormwater pond (of not finatel fiver), install all proposed drainage improvements from pond to the offilial discharge point foliceoling pond collect control structure (Contractor shall port to the draw discharge point polluting point disets control structure (Contractor statu) plig tiletis to code (control structure) and nistall temporary pipe code for sectioner trap (Approximate) 1-5-acres of disturtance). See plan Sheet C-1, C-2, C-4 and C-5. Install perforated plang around point of ground water is encountered. See plan Sheet C-1 and C-4. No further site disturtance stall cours until the stormers point and sectiment trag are statistical or accordance with his NYSDEC guidelines (establishment of a tree inch-
- Remove trees where necessary (clear & grub) for the construction of lihe road.

 Strip topsoil and stockpile at the locations specified on the plans (up gradient of eroskon trol measures). Temporarily stabilize topsoil stockpiles (hydroseed and install silt ence around toe of slope). See plan Sheet C-2 and C-5.
- and binder course for new roadway (Approximately 1.3-acres of disturbs Sheet C-1 and C-4. De-compact and serate all common disturbed areas utilizing equipment and practices outlined in the NYSDEC publication entitled, "NYSDEC-Division of Water - Deep Ripping and Decompaction", No turbler six disturbance shall occur until all disturbed areas associated with the construction road are stabilized in accordance with the NYSDEC guidelines (establishment).
- Perform rough grading of the driveways serving lot # 2 and lot # 3 where common grading

- 11. "Priorm rough grading of the direverys serving of 8 2 and lot 8 3 where common grading is required (operationality). General of disturbances, Contrador shall install subbase 8.

 12. "Five grade and seed the common areas of the project she (suckaring grading and work necessary for inholdbull lots) and install andicaces plendings.

 13. Clean stone lined swelse and 27" x 21" drain culvert of accumulated all and debts. Clean storenised services are serviced to the common stormwester prior of accumulations all and debts.

 14. When all disturbed areas have been stabilized in accordance with NYSDEC regulations, small prior the (required), small 12 sketches of topsoil and landscapephian point. ove plug(s) from outlet control structure and remove temporary pipe outlet for
- Remove all temporary soil erosion and sediment control measures. Individual tot construction may commence at this point. Refer to the following section entitled, "Typical Construction Sequencing for Individual Lots".
- install asphalt pavement top course for the road Soil erosion and sediment control maintenance must occur every two weeks and prior to and after every X* or greater rainfall event.

 TYPICAL CONSTRUCTION SEQUENCING FOR INDIVIDUAL LOTS

e following erosion control schedule shall be utilized for the development of each individua.

The lots may be constructed in any order; however, the total area of disturbance shall

- The lost may be constructed in any over- reverse, we was are a visual new to the construction of the lost exceed 5-ceres at any given time.

 Install a declinate construction enteriors control for the lot.

 Install a settlement construction enteriors at the access point(s) to the lot.

 Settlement in the construction enterior the access point(s) to the lot.

 Button to the settlement of the settlement of the settlement of the residence and flamous threat where necessary (clear 4 grupt) or the construction of the residence and
- Strip topsoll and stockpile at the locations specified on the plans (up gradient of erosion control measures). Temporarily stabilize topsoil stockpiles fence around toe of slope). See plan Sheet C-2 and C-5.
- Construct individual residence and SSDS for the lot
- Construct injurious foreignment and position for the lot.

 Construct driveway for each lot.

 De-compact and arente all disturbed areas of the lot utilizing equipment and pructices outlined in the NYSDEC publication entitled, "NYSDEC-Division of Water Deep Ripping.
- Fine grade and seed the lot and Install landscape plantings including rain garden plantings.

 12. Remove all temporary soil erosion and sediment control measures after a three inch grass
- stand is achieved and all landscape planting areas are stabilized.

 * Soil erosion and sediment control maintenance must occur every two weeks and prior to and

EROSION AND SEDIMENT CONTROL COMPONENTS

The primary aim of the soil and sediment control measures is to reduce soil arcsion from ansa stroped of vegesation during and after construction and to prevent all from reaching the off-site drainage structures and downstream properties. As outlined in the Construction Sequencing schedule, the Sediment and Eros in integral component of the construction sequencing and will be implemented to control

Planned erosion and sedimentation control practices during construction include the nstallation, inspection and maintenance of the inlet protection, soil stockpile areas diversion swales, hay bales and all fencing. General land grading practices, including land stabilization and construction sequencing are also integrated into the Sediment are. Ecosion Control Plan. Dust control is not expected to be a problem due to the malatywish. limited area of exposure, the undisturbed perimeter of trees around the the relatively short time of exposure. Should excessive dust be general

- controlled by sprinkling.

 All proposed soil erosion and sediment control practices have been designed in
- oposed soll erosion and sediment control practices have been designed in ridance with the following publications:

 New York State standards and Specifications for Urban Erosion and Sediment Control, August 2005
- New York State General Permit for Stormwater Discharges, GP-0-10-001
- (seneral permit).

 VReducing the Impacts of Stormwater Runoff from New Development*, as published by the New York State Department of Environmental Conservation (NYSDEC), second edition, April, 1993.

(NYSUEC), second edition, April, 1993.

The proposed soil erosion and sediment control devices include the planned erosion control practices outlined below. Maintenance procedures for each erosion control. SILT FENCE

SILT FENCE: SSt fence (goo-taxtile filter cloth) shall be placed in locations depicted on the approved plans. The purpose of the sitt fence is to reduce the velocity of sediment laden stormwater from small drainage areas and to intercept the transported sediment load. In general, sit fence shall be used at the toe of slopes or intermediately within slopes there obvious channel concentration of stormwater is not present.

Maintenance Sitt fencing shall be inspected at a minimum of once per week and prior to and within soft morting shall be inspired at all minimum of none per week and prior to and within 24 hours following a rain event ½? or greater. Inspection is shall include existing that the fence misterial is tightly ascured to the worver where and the wire is secured to the wood posts. In addition, overlapping lifer facility table secured and the place shall be mainlaimed a minimum of six (8) increas below grade. In the world that any "halper" develop his fence, that section of fence shall be precised within 24 hours which hours accide. Any sectioned following against the fence shall be removed for the property of the shall be added to the shall be a shall be removed or with constant.

r watercourse. The installation of silt fencing will be maintained or replaced until the fencing is no immediate area occupied by the silt fence will be shaped to an acceptable grade and

INLET PROTECTION

After catch basins and surface inlets have been installed, these drain inlets will nitir cation basins and surface insets have been installed, these drain inlets will sociole stormwish from the roadways, driveways, and surrounding overland writershads. In order to protect the receiving waters from sedimentation, the contractor shall install attore and tooks linkel protection as shown on the plans. Once installed, straw hay bales and % inch stone aggregate shall be installed around the perimeter of all catch basins and surface inlets as illustrated on the approved plans. This barrier will allow stormwater to be filtered prior to reaching the basin inlet grate The stone barrier should have a minimum height of 1 foot and a maximum height of 2 feet. Do not use mortar. The height should be limited to prevent excess ponding and bypass flow. Recess the first course of blocks at least 2 inches below the cres opening of the storm drain for lateral support. Subsequent courses can be supported eded by placing a 2x4 inch wood stud through the block on serving in review of placing a zeri inch wood stud strough the book openings prependicular to the course. The bottom row should have a few blocks oriented flow can drain through the blocks to dewater the basin area. The stone should be placed just below the lop of the blocks on slopes of 2:1 or flatter, Place hardwan cloth of wire mesh with 1/s inch openings over all block openings to had stone in

As an optional design, the concrete blocks may be omitted and the entire structure constructed of stone, ringling the outlet ("doughnut"). The stone should be kept at a 3.1 slope toward the inlet to keep it from being washed into the inlet. A level area 1 floot wide and four inches below the creat will further prevent wash.

Stone on the slope toward the inlet should be at least 3 inches in size for stability and 1 Inch or smaller away from the inlet to control flow rate. The elevation of the top of the stone crest must be maintained 5 inches lower than the ground elevation down slope from the initio to ensure that all storm flows pass over the stone into the storm drain and not past the structure.

drain and not past the structure.

The barrier should be inspected after each rain event and repairs made within 24 hours. Remove sedthent as necessary to provide for accurate storage volume for subsequent rains. Upon stabilization of contributing drainage area, remove all materials and any unstable soil and dispose of property. Bring the disturbed area to proper grade, smooth, compact and stabilized in a manner appropriate to the site.

proper grade, smooth, compact and assessation in a memory approper use of an extension of the management of the second weekly prior to and within 24 hours following an aim event 3/1 or greater. Care shall be taken to ensure that all hely belies and stone appreciate are properly located and source and other appreciate are properly located and source and other appreciate are properly located and source and of the compact of

TREE PROTECTION

TREE PROTECTION

All significant trees to be preserved located within the limits of disturbance and on the All significant trees to be preserved located within the limits of disturbance and in the provision of the disturbance limits shall be protected from harm by erecting a 3" light marrierismum) snow frence completely surrounding the time. Snow fence should extend to the displained of the time to be preserved. Trees designated to be protected shall be centred during the stating of the limits of disturbance or seath construction phase.

remains at the drip-line of the tree to be preserved. Any damaged portions of the lence shall be repaired or replaced within 24 hours. Care shall also be taken to

All soil and shot rock stripped from the construction area during grubbing and mass grading shall be stockpiled in locations shown on the plans, but in no case shall they be placed within 100' of a wetland or watercourse. The stocknilled soils shall be re-used during finish-grading to provide a suitable growing medium for pla stablishment. Soil stockolles shall be protected from en establishment, solve stockpile with rapidly -germinating grass seed (during the May 1st - October 30th planting season or covering the stockpile with tarpaulin the remainder of the year

Maintenance
Sediment controls (silt fence/ hay bales) surrounding the stockpiles shall be inspect according to the recommended maintenance outline above. All stockpiles shall be ted for signs of erosion or problems with seed establishment weekly or in and prior to and within 24 hours following a rain event %" or greater,

GENERAL LAND GRADNIC The Intent of the Fortion & Sediment Control Plan is to control disturbed areas such that soils are protected from encision by temporary methods and missely. by permanent vegetation. Where practicels, all cut and fill adopts shall be keep to a maximum slope of 2-1. In the event that a slope must exceed a 2-1 slope, it will be subsidized with soften departs. Of this Section is subsidiary and several subsidiary and the protection of the section of the section of the succeed 12 tractions in ceight and delegatinely compacted. Diversion swares shall be succeed 12 tractions in ceight and delegatinely compacted. Diversion swares shall be succeeded by the section of se GENERAL LAND GRADING

SURFACE STABILIZATION

All disturbed areas will be protected from erosion with the use of vegetative measures (i.e., grass seed mix, sod) hydromulch netting or hay. When activities temporarily cease during construction, soil stockplies and exposed soil should be stabilized by seed, mulch or other appropriate measures within 7 days after construction activity has ceased, or 24 hours prior to a rain event 1/2" or greater

has cassed, or 24 hours prior to a rain event his or greater. All seeded rains will be m-seeded rease as necessary and mulcibed according to the after pilon to maintain a vigorous, dense wegelent cover. Emotion coretic berriers consisting of hey bales or all fineding shall be placed around exposed raines during construction. Where exposed areas are immediately upin from a wetdern or wisecourse, the version corrier barrier all consists of stated hay bales combined with all finishes or double rows of sit finishing. Any sense stripped of wegelation during construction will be unpestaled anchor much, but in no case more tran 14 days to prevent enroller of the excised soils. And biposil removed during construction will be temporarily subscipled for future use in grading and indirectingly. As mentioned above, temporary vegetation will be established to protect exposed so areas during construction. If growing conditions are not suitable for the temp vecetation, mulch will be used to the satisfaction of the Town Engineer, Mar vegotation, mulcin will be used to the satisfaction of the Tom Engineer, Materials small be used for mulciving include straw, hay, saith say, word fiber, synthetic soil sabilitieser, much netting, sociol or hydromulcin, in also areas where significant encolor potential exists (steep slopes) and where specifically professed by the Town experimental processes of the second second

The following seeding application should be used depending on the time of year

- Spring/summer or early fall, seed the area with ryegrass (annual or perennial) at 30 lbs. per acre (Approximately 0.7 lb/1000 sq. ft. or use 1 lb/1000 sq. ft.) lbs. ner acre (2.5 lbs/1000 sp. ft.)
- on, por acte (2.5 BM/1000 sq. ft.).

 remanent Stabilisation (May 1st through October 31st planting season). Provide minimum of four (4) inches topsol for all new leve menas. Top drass eating disturbed leven menas with the (2) schess to bipod.

 Grass seed shall be evenly sown by mechanical seeder at a rate of 3.0-4.0 pounts per 1,000 square feet.
- Fine rake, roil and water to a depth of one inch all seeded areas
- Apply air-dried hay or straw mulch to provide 90% coverage of surface (approximately 90 lbs. per 1,000 sf). Use small grain straw where mulch is naintained for more than three months
- 5. Contractor shall provide at his own expense protection against trespessing and other damage to lawn areas.

 Lawn seed mix shall include:

 a. General Recreation areas

Sod may be used as an alternate to seeding in select areas. Slow release fertilizers will be applied by hand to horticultural plantings as part of regular horticultural maintenance program and shall be limited to a single spring

Basin seed mix: provide certified seed from crops that are a maximum of two <u>Basin seed micr</u> provide certified seed from crops that are a maximum of two years old and shall be free of deleterous materiels and diseases. Seed shall be deletered to the site in unopened bage which show certified net weight, date of germination sets, supplier's name and certified yearnantee of analysis kinducing the composition, purity germanian percentages, and percent weed seed. Seed shall contain no more than one percent (15) weed seed. All shall contain 15 percent. New England wet mix and 85 percent New England erosion control/restoration mix for wet sites. Grass seed shall be evenly sown by mechanical seeder at a rate of 1/3 -1/2 pounds per 1,000 square feet.
Basin seed mix shall be OBL Wetland Seed Mix (ERNMX-131) supplied by Ernst.

rivation Seeds, Inc., 9006 Mercer Plke, Meadville PA 16335, (800)

CONSTRUCTION PRACTICES TO MINIMIZE STORMWATER CONTAMINATION NSTRUCTION PRACTICES TO Immediate contaminant particles is Adequate measures shall be taken to minimize contaminant particles is discharge of solid materials, including building materials, grading operal discharge of solid materials, including building architect construction, in

- immee as:

 Building materials, garbage, and debrts shall be cleaned up daily and
 deposited into dumpaters, which will be periodically removed from the site and
 appropriately disposed of.

 Dump trucks haulting material from the construction site will be covered with a
- tarpaum.

 The paved street adjacent to the site entrance will be swept daily to remove excess mud, dirt, or rock tracked from the site.

 Petroleum products will be stored in tightly sealed containers that are clearly

- isaceed.

 All vehicles on site will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage.

 All spills will be cleaned up immediately upon discovery. Spills large enough to reach the storm system will be reported to the National Response Certior at
- 1-800-424-8802.
- Materials and equipment necessary for spill cleanup will be kept in the temporary material storage trailer onsite. Equipment will include, but not be limited to, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand saw dust, and plastic and metal trash containers.
- All paint containers and curing compounds will be sightly sealed and stored when not required for use. Excess paint will not be discharged to the storm system, but will be properly disposed according to the manufacturer's
- Instructions.

 Sanitary waste will be collected from portable units a minimum of two times a
 - Sanitary waste will be consciou from possesse union to make the week to avoid overfilling.

 Any asphalt substances used on-site will be applied according to the
- manufacturer's recommendation.

 Fertilitzers will be stored in a covered shed and partially used bags will be transferred to a sealable bin to avoid splits and will be applied only in the minimum amounts recommended by the manufacturer and worked into the
- soil to limit exposure to stormwater No disturbed area shall be left un-stabilized for longer than 14 days during the

- No disturbed area shall be left un-stabilized for longer than 1.4 days during the
 proving season.
 When resides is salely to be a provine, muching operations shall be scheduled.
 When resides is salely to be a provine, muching operations shall be calculated.
 When selection is suffered poperations and seminant erosion control features can follow within 2.4 hours threater.
 As work progresses, patch seeding shall be done as required on areas
 previously treated to maintain or establish protective cover.
 Drainage pipes and availabilithdes shall generally be constituted in a
 sequence from owder to be fair owner to stabilize protective areas and discharges.

refore water is directed to the new installation or any portion thereof, unless conditions unique to the location warrant an alternative method.

STORMWATER MANAGEMENT FACILITIES MAINTENANCE PROGRAM

The following maintenance plan has been developed to maintain the proper function of all drainage and erosion and sediment control facilities

- d detention wet pond, bio-swales, swales and outlet structure will be
- was by re-vegetation.

 emove sediment build up in the extended detention wet pond as required, but a

 emove sediment build up in the extended detention wet pond as required, but a minimum of every two years. No machinery shall be used within the limits of the pond. Access to the basin shall be from the common driveway. Laborers with shovel and wheel barrels will be used to maintain the embankment slopes, to repair minor erosion problems and remove accumulation of sitt. The use of hand labor will also minimize the disturbance of stabilized areas and the established vegetation. Mow the side slopes and bottom of the infiltration bar
- vegotation. Move the side alopes and bottom of the infiltration basin as necessary to maritain their appearance but not less than bride a year, Inspect bears and if necessary remove treash woody vegetation to prevent it from becoming with the properties of the pro visually inspected twice yearly and vacuumed cleaned if sediment and debris has
- A New York State licensed Professional Engineer shall inspect the site once a year. A report by the Professional Engineer shall be submitted to the Own the Town of Carmel in the event deficiencies are found. In addition, the Ox mail town or cultimet in the event desiciencies are found, in addition, the Owner, shall inspect the system after each major storm event to ensure the small conflow and triefs remain open. Specific attention shauld be paid to the following and regularizations shall be performed within 7 of 200.

 © Evidence of clogging of ouder control device.

 © Evidence of clogging of ouder control the device.
- Subsidence, erosion, cracking or tree growth on the embankments
- Accumulation of sediment.
- Restore plantings and re-seed any eroded areas and guilles within 7 days during
- planting season or stabilize with ourlex mat until planting season. Drain pond to plant below water level. Rain Gardens - Rain gardens should be treated as a component of the
- Kain Gardenge, "Nat patients should be threshed as a component of the landscaping, "Nat patients and contained provided by the homeowner or landscaping, which is contained to the contained patients of patients have been added to the contained to the contained patients miching, week good and thinking to marciast the desired appearance. The particular patients are contained to the patients of the patients upon completed molecular and companies of the improvements. The

names and contact information will be filed with the Town of Carmel, NYCDEP and the NYSDEC.

ANY ALTERATIONS OR REMISIONS OF THESE PLANS, UNLESS DONE BY OR UNDER THE DIRECTION OF THE NYS LICENSED AND REGISTERED ENGINEER THAT PREPARED THEM, IS A WOLATION OF THE NYS EDUCATION LAW.

NOT VALID FOR

5-LOT SUBDIVISION MEXICO LANE (AKA EAGLE HILL) TOWN OF CARMEL PUTNAM COUNTY, NEW YORK DETAILS



1/23/1 5/16/11 6/29/1 Rev 4/16/12 4/13/10 sign by MS Orig1/20/08 drown by MS child by M. Copyright © 2013 sheet

1/21/

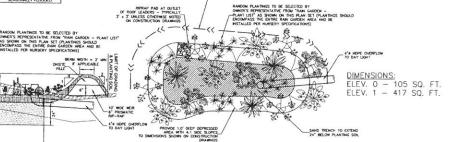
914-909-0420 Fox 914-560-2086

HEC

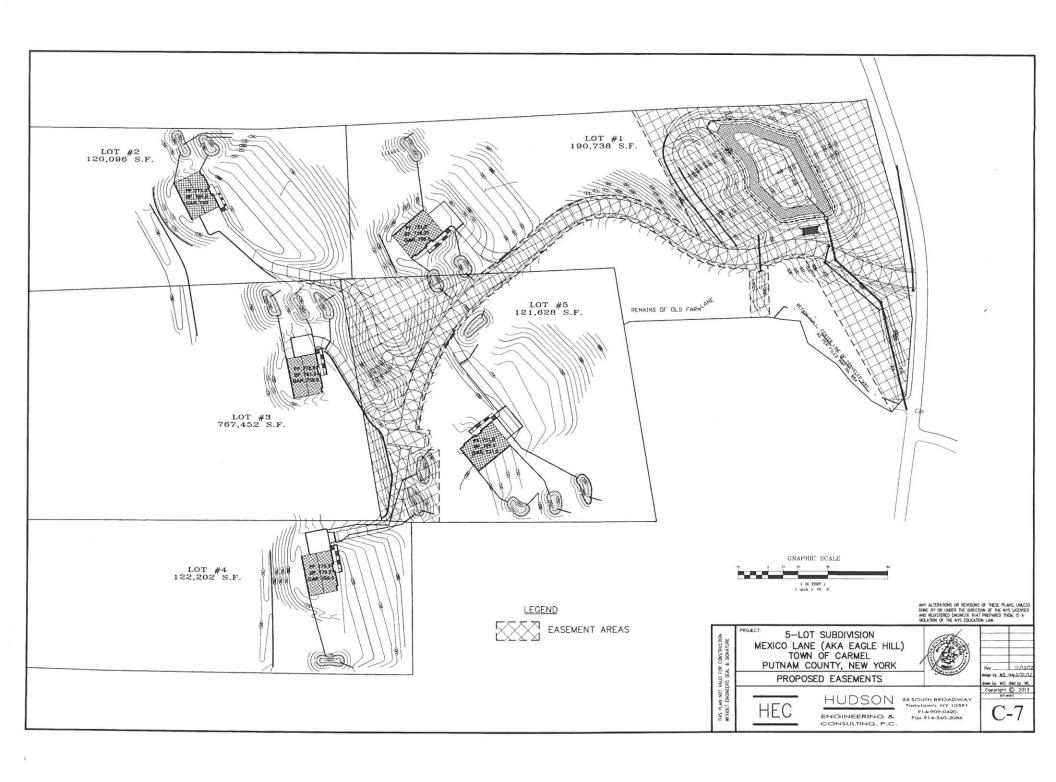
HUDSON ENGINEERING &

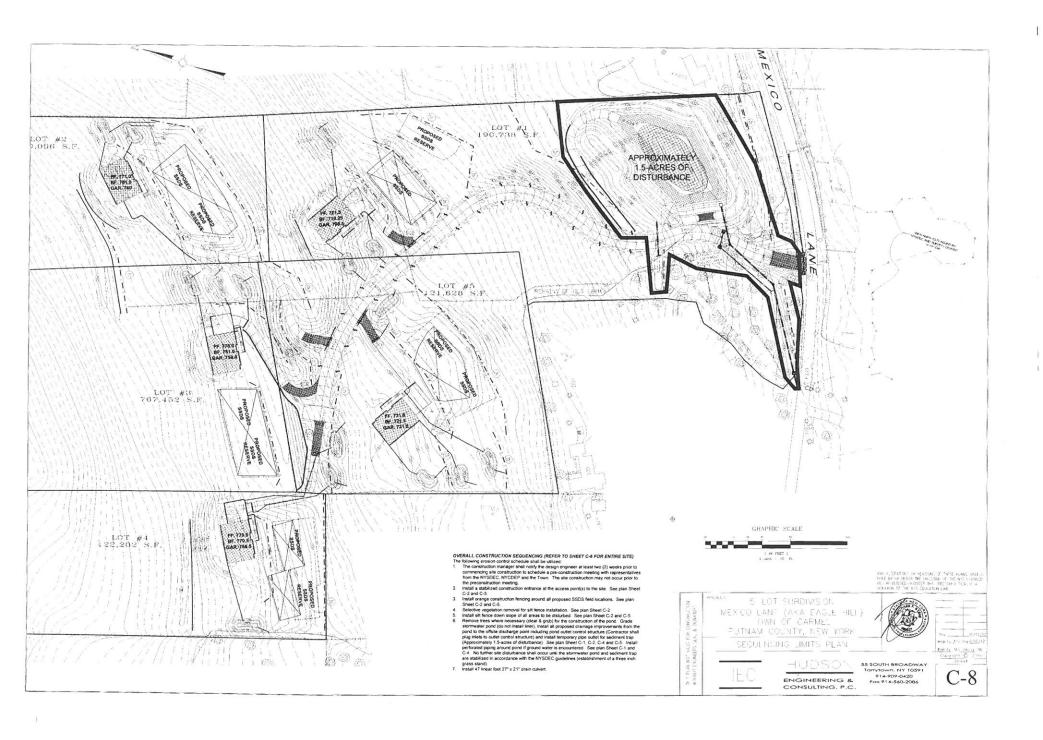
RAIN GARDEN - CROSS SECTION

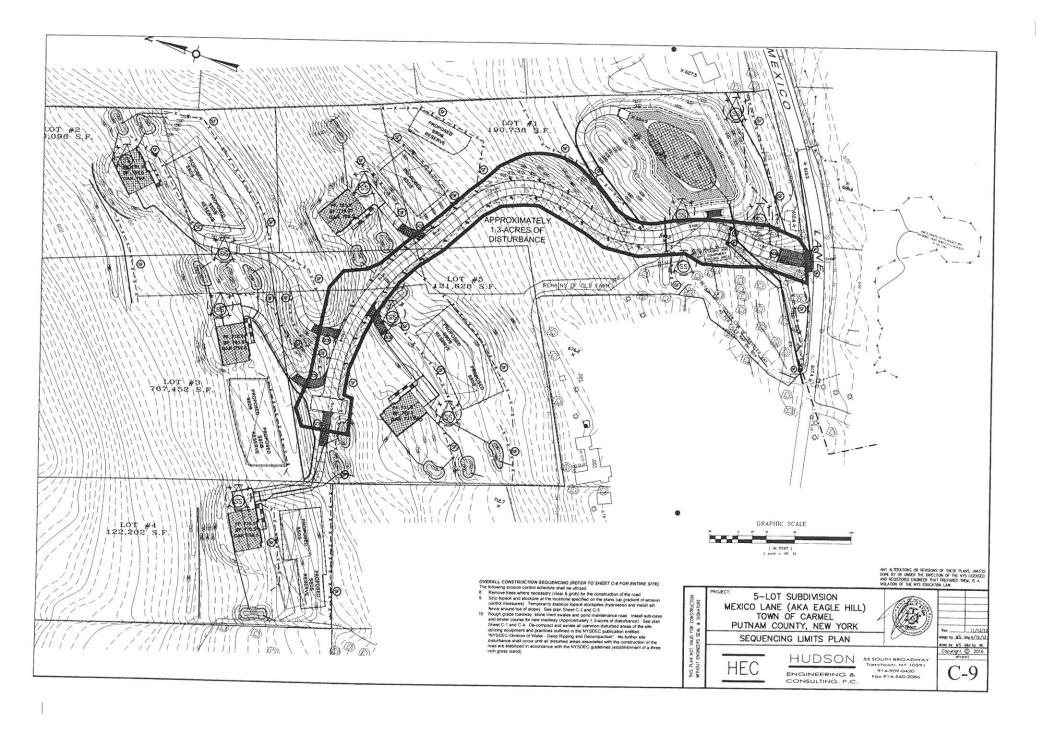
8" LAYER OF PLANTING SOIL

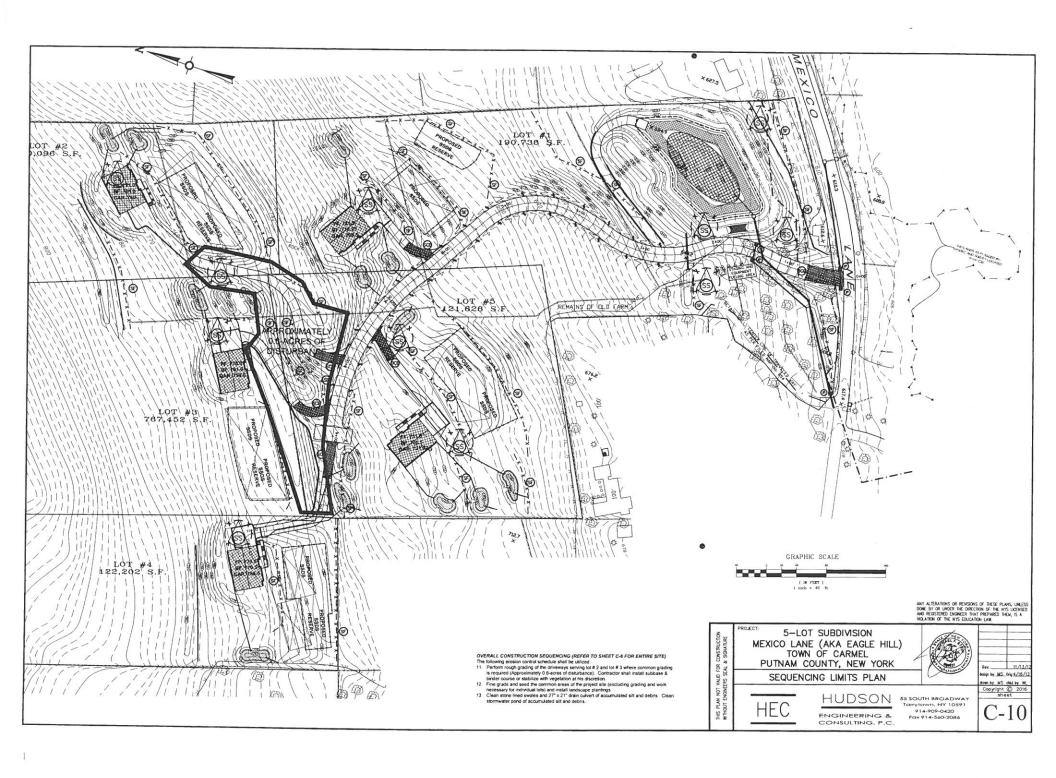


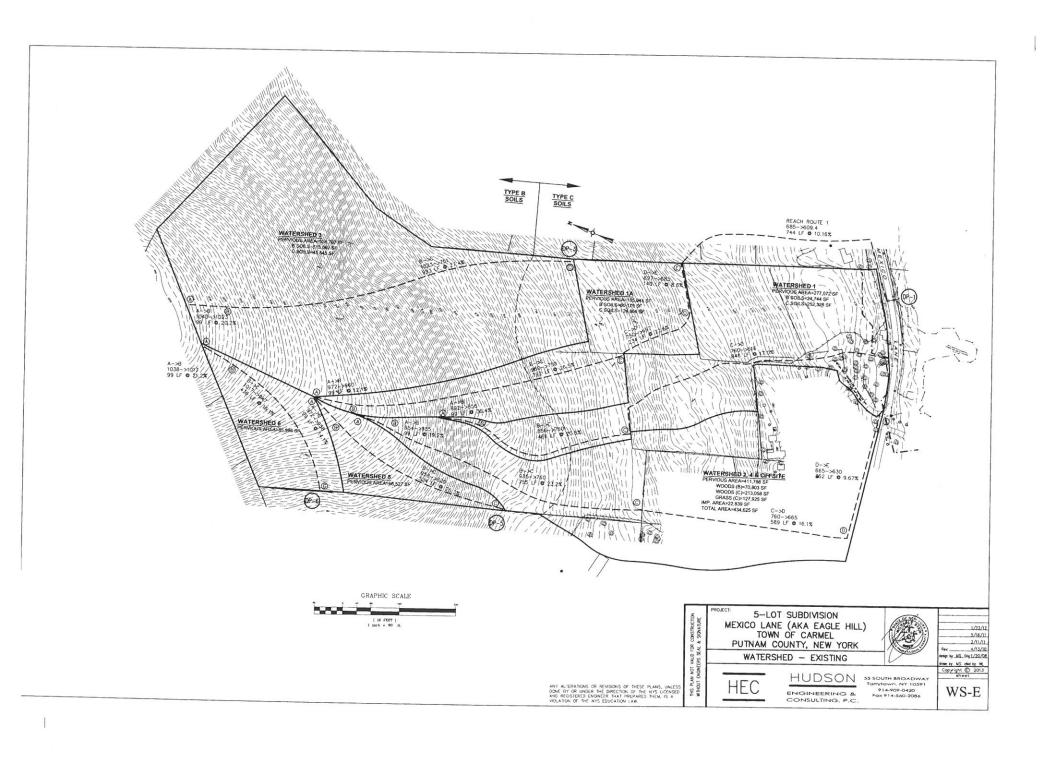
RAIN GARDEN - PLAN VIFW

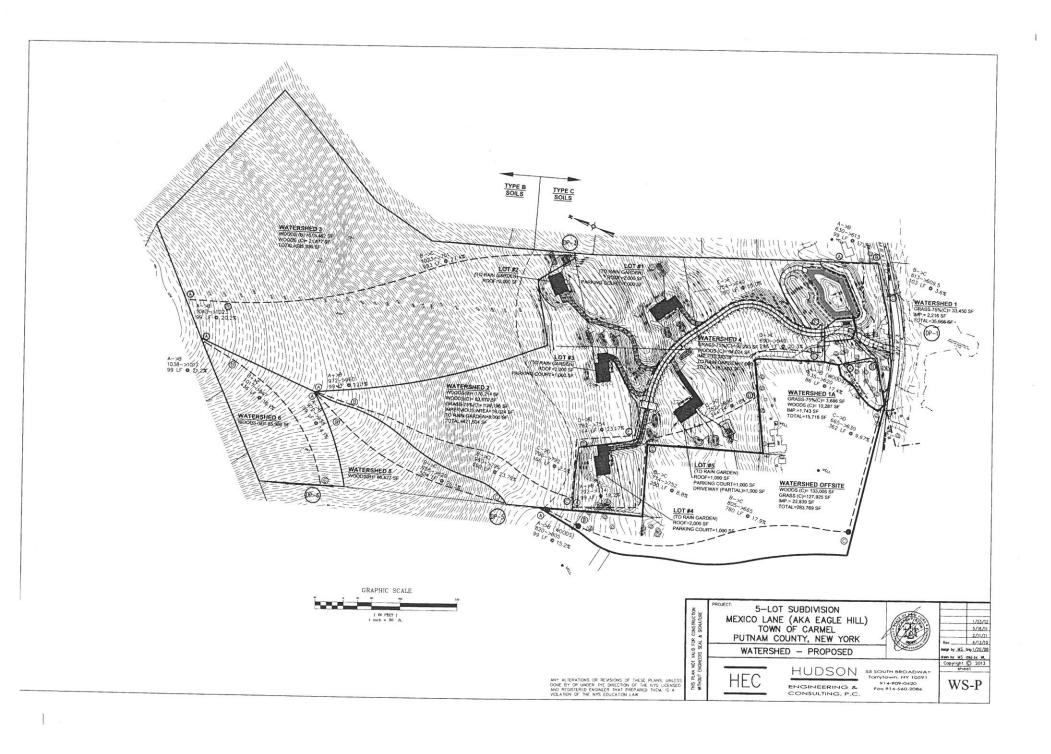












TOWN OF CARMEL HIGHWAY DEPARTMENT

Carmel Highway Department 55 McAlpin Avenue Mahopac, NY 10541

MICHAEL SIMONE Superintendent of Highways

845.628.7474 FAX 845.628.1471 MSimone@bestweb.net

FROM THE DESK OF: Michael Simone

(Mr)

TO:

ROSE TROMBETTA – PLANNING/ZONING DEPARTMENT

DATE:

MAY 25, 2016

RE:

CORBELLI LOGGING PROJECT

Rose,

Based on the inspection of the logging route on Barrett Hill and Bullet Hole Roads, you may release the bond for the above project.