

ROBERT LAGA
Chairman

NICHOLAS FANNIN
Vice Chairman

RICHARD FRANZETTI, P.E.
Wetland Inspector

ROSE TROMBETTA
Secretary

TOWN OF CARMEL
ENVIRONMENTAL CONSERVATION BOARD



60 McAlpin Avenue
Mahopac, New York 10541
Tel. (845) 628-1500 - Ext. 190
www.ci.carmel.ny.us

BOARD MEMBERS

Edward Barnett
Anthony Federice
Nicole Sedran

ENVIRONMENTAL CONSERVATION BOARD AGENDA

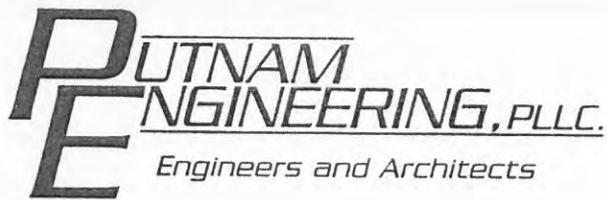
AUGUST 19, 2021 – 7:30 P.M.

EXTENSION OF WETLAND PERMIT

<u>APPLICANT</u>	<u>ADDRESS</u>	<u>TAX MAP #</u>	<u>COMMENTS</u>
1. 70 Old Route 6 LLC (Formerly Tompkins Recycling)	70 Old Route 6	55.11-1-15	Re-development of Existing Property

SUBMISSION OF APPLICATION OR LETTER OF PERMISSION

2. Roa, Frank	96 West Lake Blvd	75.7-3-14	Install Inground Pool
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July 12, 2021

Mr. Robert Laga, Chairman
Town of Carmel ECB
60 McAlpin Avenue
Mahopac, NY 10541

Re: 70 Old Route 6 LLC
Formerly Tompkins Recycling Center
70 Old Route 6
T.M. 55.-11-1-15 (?)

Dear Chairman Laga and Members of the Board:

Putnam Engineering, PLLC (P/E) has visited the site and can report that it has been cleaned up. Furthermore, the contaminated soil has been removed and disposed of. We have also put together copies of all permits, approvals and reports as requested at our last appearance before the Board.

Sincerely,

PUTNAM ENGINEERING, PLLC

A handwritten signature in black ink, appearing to read 'PML', written over a horizontal line.

Paul M. Lynch
PML/rmm

**RESOLUTION OF THE
PLANNING BOARD OF THE TOWN OF CARMEL**
#13-10 May 8, 2013

Tax Map #55.11-1-15
TOMPKINS RECYCLING
AMENDED FINAL SITE PLAN APPROVAL

WHEREAS, an application for amended final site plan approval has been submitted by the Tompkins Recycling Facility, Inc., Carmel (hereinafter referred to as the “Applicant”); and

WHEREAS, the site is a 2.45 acre parcel of land located at 60 Old Route 6, Carmel, within C – Commercial Zoning District and is more specifically known and designated as Tax Map #55.11-1-15 (hereinafter referred to as the “Site”); and

WHEREAS, the proposal (hereinafter referred to as the “Project”) involves amendments to the final site plan approval granted on July 23, 2008, required to comply with the permit requirements of the NYSDEC and NYCDEP. The primary change involves the reduction in the square footage of the building from 25,000 square feet to 20,000 square feet, along with associated site improvements; and

WHEREAS, the Final Site Plan consists of the following drawings prepared by Putnam Engineering, Brewster, NY, dated October 12, 2006, last revised January 22, 2013:

G-100	Cover Sheet.
C-100	Restraint Map.
C-110	Existing Conditions Map.
C-120	Site Layout Plan.
C-130	Grading & Utilities Plan.
C-140	Excavation and Fill Plan for Wetland Buffer.
C-141	Erosion and Sediment Control Plan.
C-150	Landscaping and Sight Distance Plan.
C-160	Wetland Buffer Enhancement Plan and Soil Excavation and Fill Plan.
C-120	Profiles.
C-220	Profiles and Geometry Layout Plan.
C-310	Details.
C-320	Details.
C-330	Details.
C-340	Details.
A-110	Conceptual Building Plans.
A-120	Conceptual Building Elevations.

WHEREAS, on July 23, 2008, the Planning Board serving as Lead Agency, adopted a Negative Declaration, certifying that the proposed action would not result in any significant adverse environmental impacts.

WHEREAS, on June 28, 2007, the Zoning Board of Appeals granted the necessary variances to allow for the operation of this facility as proposed herein; and

WHEREAS, a public hearing was held pursuant to Section 276 of the Town Law on the proposed site plan at Town Hall, Mahopac. All persons wishing to speak on the application were provided an opportunity to be heard; and

WHEREAS, the Planning Board has considered the Amended Final Site Plan, and all other materials submitted by the Applicant in support of this proposal, the comments of Town staff and consultants made via memoranda to the Planning Board (which memoranda are incorporated herein by reference) the verbal commentary made during the entire course of the Planning Board's meetings pertaining to the review for Amended Final Site Plan approval and evaluation of the proposed action, and the comments of the public; and

WHEREAS, the requirements for final site plan approval contained in the Town of Carmel Zoning Ordinance have been met by said application for Amended Final Site Plan approval, with the exception of those items waived per §156-61 of the Town of Carmel Zoning Code; and

NOW THEREFORE BE IT RESOLVED, that the Planning Board finds that the Project has been reduced in scope and scale from the original 2008 site plan approval, and as such, the corresponding potential environmental impacts will be proportionally reduced. Therefore the findings of the SEQRA Negative Declaration adopted in 2008 remain applicable, and in effect.

BE IT FURTHER RESOLVED that the application of approval of the Amended Final Site Plan submitted by the Tompkins Recycling Facility, Inc., Carmel, as depicted on the plans identified above is hereby granted subject to the following conditions:

1. This Amended Final Site Plan approval authorizes the Applicant to undertake only the activities specifically set forth herein, in accordance with this resolution of approval and as delineated on the Amended Final Site Plan as endorsed by the Planning Board Chairman. *Any change in use, alteration or modification to the Amended Final Site Plan, or to the existing or approved facilities and site shall require the review and approval by the Planning Board of the Town of Carmel.*
2. The Applicant shall furnish the Planning Board with the required number of sets of the site plan as described above, for endorsement by the Planning Board Chairman, subject to the satisfaction of all approval conditions, which shall then be recorded as the approved Amended Final Site Plan:
3. No changes, additions, erasures, modifications or revisions shall be made to the Amended Final Site Plan following endorsement by the Planning Board Chairman. Any changes detected after endorsement of the Amended Final Site Plan as final, shall result in the

immediate termination and revocation of this resolution of approval, thereby making it null and void.

4. 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 Amended Final Site Plan. The Building Inspector shall include reference to the Amended Final Site Plan and this resolution of approval on any Building Permit.
5. A performance bond, prepared in form to the satisfaction of the Planning Board Attorney, and in the amount of \$734,000.00 in accordance with the requirements set forth in §156-61 J of the Zoning Ordinance, shall be provided to assure the completion of all improvements.
6. An engineering inspection fee in the amount of \$36,700.00 in accordance with the requirements set forth in §156-61 J of the Zoning Ordinance shall be paid to the Town of Carmel.
7. The Applicant shall file an execute with the Putnam County Clerk a "*Stormwater Control Facility Maintenance Agreement*" as specified in §156-85 to assure the long term maintenance of the Site's stormwater treatment facilities.
8. No outdoor selling or displays shall be permitted.
9. All exterior lighting shall be downward directed and shall not result in light spilling off the site. Pole mounted lighting shall utilize cut-off, shielded luminaires.
10. All signage shall conform to the requirements of Section 156-41 of the Town of Carmel Zoning Ordinance.
11. All utilities shall be installed underground and in conformance with local codes and utility company requirements.
12. Signage shall be provided on Old Route 6 warning trucks of pedestrians walking dogs.
13. A 4' wide paved shoulder shall be provided along the Site frontage.
14. Privacy slats shall be added to the fence along Old Route 6.
15. An easement or some other form of permission found suitable by the Planning Board Attorney must be granted by the Town of Carmel to allow for disturbances on the adjacent land of Carmel Sewer District #2, to permit the construction of wetland mitigation areas.
16. A drainage easement for the pipe on the north side of the site shall be prepared in a form found suitable to the Planning Board Attorney, and recorded in the Office of the Putnam County Clerk.

17. This Project is conditioned upon compliance with, and is subject to the conditions of NYSDEC Freshwater Wetlands Permit #3-3720-00371/00002.
18. This Project is conditioned upon compliance with, and is subject to the conditions of NYSDEC Solid Waste Management Permit #3-3720-00371/00001, which includes the following conditions:
- The recycling facility shall accept only construction and demolition debris (C&D), and source separated recyclables, including uncontaminated cardboard and paper.
 - The facility may store up to 1,000 waste tires on the site in closed containers.
 - The amount C&D and recyclables shall not exceed 600 tons per day or 3,600 tons per week.
 - The facility may store up to 3,400 cubic yards or 850 tons or material inside the building at any one time.
 - The facility shall not accept hazardous wastes; liquid waste; sewage, sludge or septage; chemical or explosive wastes; industrial wastes; infectious or medical wastes; waste tires in bulk; yard waste or asbestos.
 - The facility may operate between 6:00 am – 7:00 pm Monday through Saturday.
 - The facility shall not operate on Sundays or on New York State designated holidays.
 - All processing shall occur within the building.
 - All waste passing through this facility shall be ultimately disposed of at a NYSDEC authorized facility.
 - All loaded incoming or outgoing vehicles shall be appropriately covered, enclosed or otherwise secured to prevent dust and blowing litter.

Additionally, the permit requires the applicant to undertake the following mitigation measures:

- The applicant shall regularly inspect the condition of off-site roads that are used for access, to determine if dirt, mud or litter from the facility has accumulated. If so, the applicant shall immediately clean up this condition.
- The facility must be operated to prevent dust, litter, vectors, noise and odors.

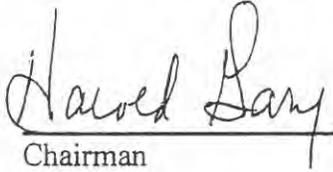
- The applicant shall annually submit a noise survey.
 - The applicant shall provide a weekly report on the leachate collection system.
 - The tipping floor shall be annually cleaned and inspected.
 - The applicant shall fund an on-site environmental monitor.
19. All building improvements shall be designed in accordance with all New York State Building Code requirements.
 20. The building design and architecture shall be reviewed and approved by the Architectural Review Board, prior to the issuance of a Building Permit.
 21. The hours of construction activity shall take place in conformance with the applicable Town Regulations.
 22. Prior to the initiation of any work at this Site, the Applicant or his representative shall 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 the proposed action and required inspections.
 23. A clean and legible copy of this Resolution (as signed by the Planning Board Chairman) and a copy of the signed Amended Final Site Plan shall be maintained at the subject property at all times.
 24. 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. Said As-Built Plan shall be provided to the Building Inspector, documenting satisfactory completion of all approved and authorized construction activities and zoning compliance.
 25. 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.
 26. The applicant shall obtain all other applicable permits and approvals and shall pay all other fees as a part of the execution of the final site plan.

BE IT FURTHER RESOLVED, That this Amended Final Site Plan Approval shall remain valid for a period of one (1) year from the date of its approval. This Amended Final Site Plan

~~Approval shall become null and void on May 8, 2014, unless construction is commenced pursuant to an authorized Building Permit.~~

BE IT FINALLY RESOLVED that this Amended Final Site Plan approval resolution shall have an effective date of May 8, 2013.

**PLANNING BOARD
TOWN OF CARMEL**


Chairman

5/8/13
Dated:

This Resolution Was Thereupon Duly Adopted



PERMIT
Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
70 OLD ROUTE 6 LLC
PO BOX 508
BEDFORD, NY 10506-0508
(914) 273-3377

Facility:
TOMPKINS RECYCLING FACILITY
60 OLD RTE 6
CARMEL, NY

Facility Location: in CARMEL in PUTNAM COUNTY
Facility Principal Reference Point: NYTM-E: 611.463 NYTM-N: 4585.667
Latitude: 41°24'53.4" Longitude: 73°39'58.6"

Project Location: Freshwater Wetland LC-55 (Class II) - south side of Old Route 6

Authorized Activity:

Construct a construction and demolition (C & D) debris processing facility located partially within the 100 foot adjacent area of Freshwater Wetland LC-55 (Class II), including excavation, grading and filling to construct a 20,880 square foot processing building with paved access road and parking areas, truck scale house and scale, retaining wall and stormwater management facilities, in accordance with the plans referenced in Natural Resources Permit Condition No. 1 and as conditioned in this permit. The project includes enhancement of approximately 0.6 acre of wetland adjacent area with native wetland vegetation as mitigation.

Operation of the new C & D debris processing facility (Facility ID# 40-T-08) is authorized under Solid Waste Management Facility Permit No. 3-3720-00371/00001.

Permit Authorizations

Freshwater Wetlands - Under Article 24

Permit ID 3-3720-00371/00002

Renewal

Effective Date: 1/25/2019

Expiration Date: 12/4/2022



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: SCOTT BALLARD, Deputy Regional Permit Administrator
Address: NYSDEC Region 3 Headquarters
21 S Putt Corners Rd
New Paltz, NY 12561

Authorized Signature:

Date 1/27/19

Distribution List

- P. Lynch, PE - Putnam Engineering, PLLC
Town of Carmel Planning Board
PCHD
- M. Usai/M. Galasso - NYCDEP (Valhalla)
- J. Annicelli - 70 Old Route 6, LLC
- B. Drumm, Habitat Protection Manager
- D. Pollock, DMM
- G. Tompkins - Tompkins Recycling Facility

Permit Components

NATURAL RESOURCE PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Permit Attachments

Permit Sign



**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 Putnam Engineering, PLLC, dated 10/14/08 with revisions through 4/10/12, including:

A. Drawing Nos. C-001 to C-011 (11 sheets).

B. Drawing Nos. G-100, C-100 to C-160, C-210, C-220, C-310 to C-340 (15 sheets).

2. Sediment & Erosion Controls Prior to the start of construction, all erosion and sediment controls shall be installed as shown on approved plan No. C-141. All erosion and sediment controls, as well as any accumulated silt or sediment, shall be entirely removed upon completion of work for disposal at an appropriate upland location.

3. Written Authorization Required From Adjacent Property Owner Written authorization from the Carmel Central Sewer District (or current property owner) for access to, and to perform permitted work on, the property located west of the subject parcel shall be provided to the Department prior to commencing any disturbance with the wetland or the 100' adjacent area.

4. Remediation of Contaminated Soil The following applies to remediation of site soils and debris removal operations:

A. All automotive parts and contaminated soil shall be removed from the "small peninsula area of historic debris in the northwest portion of the site" as discussed in *Wetland and Buffer Restoration Notes* on Drawing C-160 and in Stage 3 of the *Excavation and Fill Plan for Wetland Buffer* found on Drawing C-140.

B. The site shall be restored as shown on Drawing C-160.

C. Documentation shall be submitted to the Department within 60 days of completion of this portion of the authorized work, including a written description and photographs of the work as it is being performed, and also documentation of final site conditions after completion.

5. Excavation, Remediation & Debris Removal All excavation and remediation of contamination shall be completed as shown on Drawing Nos. C-140, C-141, C-150, and C-160, all of which were last revised April 10, 2012. Removal of debris and fallen trees shall be limited specifically to the hatched area shown on Drawing C-160.

6. Disturbance to be Limited All disturbance within the wetland and adjacent area must be limited to the areas shown on approved plans.

7. DEC Notification Required The permittee must provide notification to the Department at least 48 hours prior to the start of construction activities affecting Freshwater Wetland LC-55 or its 100 foot adjacent area. Such notification shall be provided via electronic mail to Brian Drumm, Habitat Protection Manager, at this web address: brian.drumm@dec.ny.gov.

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. 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.

10. No Turbid Discharges No turbid water resulting from dewatering operations shall be discharged directly to or allowed to enter Freshwater Wetland LC-55 or Michael Brook. Such turbid water shall be pumped to upland vegetated areas, settling basins, or other suitable device(s) for control of turbidity prior to discharge to surface waters or wetlands.

11. Remove Excess Materials and Construction Debris Any debris or excess materials from construction of this project shall be immediately and completely removed from the 100 foot adjacent area of Freshwater Wetland LC-55 to an appropriate off-site disposal location.

12. Stabilize Disturbed Areas All areas of soil disturbance resulting from this project shall be seeded with an appropriate perennial grass and mulched with hay or straw within one week of final grading. Mulch shall be maintained until a suitable vegetative cover is established.

13. 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.

14. 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 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.

15. 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 S Putt Corners Rd
New Paltz, NY12561

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.



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-of-way 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

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 Type II Action, Renewal Under the State Environmental Quality Review Act (SEQR), the Department of Environmental Conservation has determined that this permit is a renewal where there will be no material change in permit conditions or the scope of permitted activities and is therefore a Type II Action and not subject to further procedures under this law.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Platt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 | F: (845) 255-4659
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.

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.

SB
Scott Ballard
Deputy Regional Permit Administrator
Region 3
Telephone (845) 256-2250

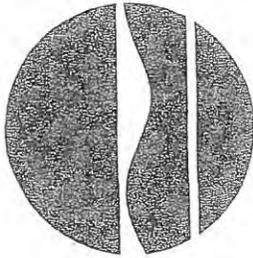
- Applicable only if checked. Please note all work authorized under this permit is prohibited during trout spawning season commencing October 1 and ending April 30.
- Applicable only if checked for STORMWATER SPDES INFORMATION: We have determined that your project requires coverage under the General Stormwater SPDES Permit. You must 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.

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 NYS DEC, 100 Hillside Avenue - Suite 1W, White Plains, NY 10603-2860.

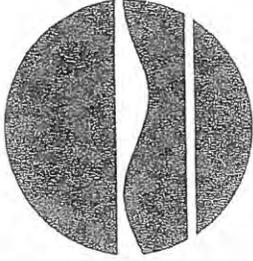


Department of
Environmental
Conservation

New York State
Department of Environmental Conservation



NOTICE



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

Permittee: 70 Old Rt. 6, LLC Permit No. 3-3720-01371/2

Effective Date: 1/25/19 Expiration date: 12/4/2022

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

NOTE: This notice is **NOT** a permit.



June 11, 2018

Mr. Paul M. Lynch, P.E.
Putnam Engineering, PLLC
4 Old Route 6
Brewster, NY 10509

Via email: plynch@putnameng.com

Vincent Sapienza
Acting Commissioner

Re: Tompkins Recycling Facility:
Stormwater Pollution Prevention Plan
60 Old Route 6
Town of Carmel
Tax Map #55.11-1-15
DEP Log # 2006-CF-1110.SP.1

Paul V. Rush, P.E.
Deputy Commissioner
Bureau of Water Supply
prush@dep.nyc.gov

Dear Mr. Lynch:

465 Columbus Avenue
Valhalla, NY 10595
T: (845) 340-7800
F: (845) 334-7175

This letter is in reference to the March 29, 2012 Stormwater Pollution Prevention Plan (SWPPP) approval issued by the New York City Department of Environmental Protection (DEP) for the above-referenced regulated activity.

DEP received your January 9, 2018 letter requesting a renewal of the SWPPP approval and several subsequent submissions through May 10, 2018 detailing required the transfer of ownership of the property and the associated SWPPP. Upon review and in accordance with Section 18-23(a)(1) of the Watershed Regulations, DEP grants a ten (10) year renewal of the SWPPP approval subject to the conditions noted in the August 2007 Determination. This renewal is valid until March 29, 2022.

A copy of this letter and the SWPPP Determination must be available at the project site during construction.

If you have any questions, please do not hesitate to contact me at (914) 749 – 5265.

Sincerely,

Mary P. Galasso
Supervisor
Stormwater Programs EOH

c: George Vignogna, 70 Old Route 6 LLC, owner, jannicelli@verizon.net
Rose Trombetta, (T) Carmel Planning, rtrombetta@ci.carmel.ny.us
Richard Franzetti, P.E., (T) Carmel Engineering, rjf@ci.carmel.ny.us
Natalie Browne, NYSDEC, natalie.browne@dec.ny.gov

New York State Department of Environmental Conservation
Division of Water
625 Broadway, 4th Floor
Albany, New York 12233-3505

MS4 Stormwater Pollution Prevention Plan (SWPPP) Acceptance Form
For
Construction Activities Seeking Authorization Under SPDES General Permit GP-0-08-001
*(NOTE: Attach Completed Form to Notice Of Intent and Submit to Address Above

I. Project Owner/Operator Information	
1. Owner/Operator Name:	<i>Tompkins Recycling Facility, Inc.</i>
2. Contact Person	<i>James Tompkins</i>
3. Street Address:	<i>60 Old Route 6</i>
4. City/State/Zip:	<i>Carmel, NY 10512</i>
II. Project Site Information	
5. Project Site Name:	<i>Tompkins Recycling Facility</i>
6. Street Address:	<i>60 Old Route 6</i>
7. City/State/Zip:	<i>Carmel, NY 10512</i>
III. Stormwater Pollution Prevention Plan (SWPPP) Review and Acceptance Information	
8. SWPPP Reviewed by:	<i>Ronald J. Gainer., P.E.</i>
9. Title/Position:	<i>Town of Carmel Engineer</i>
10. Date Final SWPPP Reviewed and Accepted:	<i>March 30, 2012</i>
IV. Regulated MS4 Information	
11. Name of MS4:	<i>Town of Carmel</i>
12. MS4 SPDES Permit Identification Number:	<i>NYR20A 294</i>
13. Contact Person:	<i>Ronald J. Gainer., P.E.</i>
14. Street Address:	<i>60 McAlpin Ave</i>
15. City/State/Zip:	<i>Mahopac, NY 10541</i>
16. Telephone Number:	<i>845-628-1500</i>

(NYSDEC – MS4 SWPP Acceptance Form – January 2010)

MS4 SWPPP Acceptance Form - continued

V. Certification Statement – MS4 Official (principal executive officer or ranking elected official) or Duly Authorized Representative

I hereby certify that the final Stormwater Pollution Prevention Plan (SWPPP) for the construction project identified in question 5 has been reviewed and meets the substantive requirements in the SPDES General Permit For Stormwater Discharges from Municipal Separate Storm Sewer Systems (MS4s).

Note: The MS4, through the acceptance of the SWPPP, assumes no responsibility for the accuracy and adequacy of the design included in the SWPPP. In addition, review and acceptance of the SWPPP by the MS4 does not relieve the owner/operator of their SWPPP preparer of responsibility or liability for errors or omissions in the plan.

Printed Name: *Ronald J. Gainer, P.E.*

Title/Position: *Town of Carmel Engineer*

Signature:

Ronald J. Gainer, P.E.

Date:

March 30, 2012

VI. Additional Information



F
8062

April 10, 2012

Ms. Toni Cioffi
New York State Department of Environmental Conservation
Division of Water
Bureau of Water Permits, 4th Floor
625 Broadway
Albany, NY 12233-3505

Re: Tompkins Recycling Facility, Inc.
60 Route 6
Carmel, NY 10512
NYR10Q049

Dear Ms. Cioffi:

The Tompkins Recycling Facility Inc. received coverage under General Permit GP-0-08-001.

I am sending you the MS4 SWPPP Acceptance Form for the subject project.

If any additional information is needed, please call me at this office.

Sincerely,

PUTNAM ENGINEERING, PLLC

A handwritten signature in black ink, appearing to read 'Bozena J. Kierych', written over a horizontal line.

Bozena J. Kierych

BJK/tal
Enc



Federal Emergency Management Agency

Washington, D.C. 20472

orig: R. Fianzetti
cc: FEMA/Anne ✓
7/28RC

July 24, 2014

THE HONORABLE KENNETH SCHMITT
SUPERVISOR, TOWN OF CARMEL
60 MCALPIN AVENUE
MAHOPAC, NY 10541

CASE NO.: 14-02-1753C
COMMUNITY: TOWN OF CARMEL, PUTNAM
COUNTY, NEW YORK
COMMUNITY NO.: 360669

DEAR MR. SCHMITT:

This is in reference to a request that the Federal Emergency Management Agency (FEMA) determine if the property described in the enclosed document is located within an identified Special Flood Hazard Area, the area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood), on the effective National Flood Insurance Program (NFIP) map. Using the information submitted and the effective NFIP map, our determination is shown on the attached Conditional Letter of Map Revision based on Fill (CLOMR-F) Comment Document. This comment document provides additional information regarding the effective NFIP map, the legal description of the property and our comments regarding this proposed project.

Additional documents are enclosed which provide information regarding the subject property and CLOMR-Fs. Please see the List of Enclosures below to determine which documents are enclosed. Other attachments specific to this request may be included as referenced in the Determination/Comment document. If you have any questions about this letter or any of the enclosures, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.

Sincerely,

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

LIST OF ENCLOSURES:

CLOMR-F COMMENT DOCUMENT

cc: Mr. Bozena Kierych





Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL COMMENT DOCUMENT

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	TOWN OF CARMEL, PUTNAM COUNTY, NEW YORK	A parcel of land, as described in the Deed, recorded in Liber 1613, Page 626, in the Office of the County Clerk, Putnam County, New York (TMI: 55.11-1-15). The portion of the property is more particularly described by the following metes and bounds:
	COMMUNITY NO.: 360669	
AFFECTED MAP PANEL	NUMBER: 36079C0141E DATE: 3/4/2013	

FLOODING SOURCE: MICHAEL BROOK	APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 41.415, -73.667 SOURCE OF LAT & LONG: GOOGLE EARTH PRO DATUM: NAD 83
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COMMENT TABLE REGARDING THE PROPOSED PROPERTY (PLEASE NOTE THAT THIS IS NOT A FINAL DETERMINATION. A FINAL DETERMINATION WILL BE MADE UPON RECEIPT OF AS-BUILT INFORMATION REGARDING THIS PROPERTY.)

LOT	BLOCK/SECTION	SUBDIVISION	STREET	OUTCOME WHAT WOULD BE REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NAVD 88)	LOWEST ADJACENT GRADE ELEVATION (NAVD 88)	LOWEST LOT ELEVATION (NAVD 88)
--	--	--	60 Old Route 6	Portion of Property	X (shaded)	360.4 feet	--	360.5 feet

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

ADDITIONAL CONSIDERATIONS (Please refer to the appropriate section on Attachment 1 for the additional considerations listed below.)

LEGAL PROPERTY DESCRIPTION
PORTIONS REMAIN IN THE FLOODWAY
CONDITIONAL LOMR-F DETERMINATION

This document provides the Federal Emergency Management Agency's comment regarding a request for a Conditional Letter of Map Revision based on Fill for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the proposed described portion(s) of the property(ies) would not be located in the SFHA, an area inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood) if built as proposed. Our final determination will be made upon receipt of a copy of this document, as-built elevations, and a completed Community Acknowledgement form. Proper completion of this form certifies the subject property is reasonably safe from flooding in accordance with Part 65.5(a)(4) of our regulations. Further guidance on determining if the subject property is reasonably safe from flooding may be found in FEMA Technical Bulletin 10-01. A copy of this bulletin can be obtained by calling the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or from our web site at <http://www.fema.gov/mit/tb1001.pdf>. This document is not a final determination; it only provides our comment on the proposed project in relation to the SFHA shown on the effective NFIP map.

This comment document is based on the flood data presently available. The enclosed documents provide additional information regarding this request. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.


 Luis Rodriguez, P.E., Chief
 Engineering Management Branch
 Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL COMMENT DOCUMENT

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

LEGAL PROPERTY DESCRIPTION (CONTINUED)

BEGINNING at a point in the southerly side of the public highway known as Old Route 6, running from Carmel toward Brewster, which point is the southeastern corner of lands of now or formerly O'Connor, and running from said point along the southwesterly side line of said highway

S 24° 19' 00" E 91.09'

to the TRUE POINT OF BEGINNING

THENCE, southwesterly, through lands of Tompkins Recycling Facility, Inc. the following distances:

S 80° 47' 50" W 11.38 feet

S 31° 04' 25" W 9.84 feet

to the point on paved yard having elevation 359.50

THENCE, through the lands of Tompkins Recycling Facility, Inc. along USGS elevation 359.50

S 17° 28' 42" E 65.70 feet

THENCE, on a tangent curve to the right, having radius 12.00 feet, distance of 26.01 feet.

THENCE, through the same lands of Tompkins Recycling Facility, Inc. along USGS elevation 359.50 the following distances:

N 73° 16' 34" W 94.21 feet

S 29° 55' 50" W 25.70 feet

to the retaining wall located on the land of Tompkins Recycling Facility, Inc.;

THENCE, along center of the said retaining wall, the following distances:

S 29° 55' 50" W 33.69 feet

S 14° 00' 36" W 5.69 feet

S 24° 19' 00" E 111.61 feet

THENCE, on a tangent curve to the left, having radius 99.5 feet, distance 6.58 feet

THENCE, continuing along center of the said retaining wall, the following distances:

S 28° 06' 30" W 323.73 feet

N 61° 55' 36" E 108.93 feet

THENCE, along the driveway curb N 61° 55' 36" E 6.51 feet

THENCE, along said curb, on a tangent curve to the left, having radius 50.00 feet, distance of 19.00 feet

THENCE along the same curb N 40° 09' 16" E 8.00 feet

THENCE, on a tangent curve to the right, having radius 32.00 feet, distance of 29.12' to the point on southerly side of Old Route 6

THENCE, northwesterly, along said Old Route 6

N 28° 06' 30" W 317.27 feet

N 24° 19' 00" W 161.90 feet

to the point of TRUE BEGINNING

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.


Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency

Washington, D.C. 20472

CONDITIONAL LETTER OF MAP REVISION BASED ON FILL COMMENT DOCUMENT

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

PORTIONS OF THE PROPERTY REMAIN IN THE FLOODWAY (This Additional Consideration applies to the preceding 1 Property.)

A portion of this property is located within the Special Flood Hazard Area and the National Flood Insurance Program (NFIP) regulatory floodway for the flooding source indicated on the Determination/Comment Document while the subject of this determination is not. The NFIP regulatory floodway is the area that must remain unobstructed in order to prevent unacceptable increases in base flood elevations. Therefore, no construction may take place in an NFIP regulatory floodway that may cause an increase in the base flood elevation, and any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management. The NFIP regulatory floodway is provided to the community as a tool to regulate floodplain development. Modifications to the NFIP regulatory floodway must be accepted by both the Federal Emergency Management Agency (FEMA) and the community involved. Appropriate community actions are defined in Paragraph 60.3(d) of the NFIP regulations. Any proposed revision to the NFIP regulatory floodway must be submitted to FEMA by community officials. The community should contact either the Regional Director (for those communities in Regions I-IV, and VI-X), or the Regional Engineer (for those communities in Region V) for guidance on the data which must be submitted for a revision to the NFIP regulatory floodway. Contact information for each regional office can be obtained by calling the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or from our web site at <http://www.fema.gov/about/regoff.htm>.

CONDITIONAL LOMR-F DETERMINATION (This Additional Consideration applies to the preceding 1 Property.)

Comments regarding this conditional request are based on the flood data presently available. Our final determination will be made upon receipt of this Comment Document, certified as-built elevations and/or certified as-built survey. Since this request is for a Conditional Letter of Map Revision based on Fill, we will also require the applicable processing fee, and the "Community Acknowledgement" form. Please note that additional items may be required before a final as-built determination is issued.

This letter does not relieve Federal agencies of the need to comply with Executive Order 11988 on Floodplain Management in carrying out their responsibilities and providing Federally undertaken, financed, or assisted construction and improvements, or in their regulating or licensing activities.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605.


Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration



PERMIT
Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
70 OLD ROUTE 6 LLC
PO BOX 508
BEDFORD, NY 10506-0508
(914) 273-3377

Facility:
TOMPKINS RECYCLING FACILITY
60 OLD RTE 6
CARMEL, NY

Facility Location: in CARMEL in PUTNAM COUNTY

Facility Principal Reference Point: NYTM-E: 611.463 NYTM-N: 4585.667
Latitude: 41°24'53.4" Longitude: 73°39'58.6"

Project Location: 70 Old Route 6 - w/in 100' Adjacent Area of FWW LC-55 (Class I)

Authorized Activity: Construction and Operation of a transfer station to accept construction and demolition debris (C&D), and source separated recyclables, in accordance with the plans and reports contained in the Special Conditions of this permit and as conditioned herein. The facility is authorized to accept construction and demolition debris (C&D), and source separated recyclables at a maximum combined rate of 600 TONS per DAY and 3,600 TONS per WEEK. The facility may store a maximum of 3,400 cubic yards, or 850 tons, of material inside the building at any one time.

Permit Authorizations

Solid Waste Management - Under Article 27, Title 7

Permit ID 3-3720-00371/00001

Modification # 0

Effective Date: 2/8/2019

Expiration Date: 2/7/2024

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: SCOTT BALLARD, Deputy Regional Permit Administrator
Address: NYSDEC Region 3 Headquarters
21 S Putt Corners Rd
New Paltz, NY 12561

Authorized Signature: 

Date 2/8/19



Distribution List

P. Lynch, PE - Putnam Engineering, PLLC
G. Tompkins - Tompkins Recycling
J. Annicelli, PE
M. Usai/M. Galasso - NYCDEP (Valhalla)
PCHD
Town of Carmel Planning Board
D. Pollock, DMM (ecc)
Z. Cogon, DMM (ecc)
R. Clarkson, DMM (ecc)
B. Drumm, BEH (ecc)

Permit Components

SOLID WASTE MANAGEMENT PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS



SOLID WASTE MANAGEMENT PERMIT CONDITIONS

1. Conformance With Plans All activities authorized by this permit must be in strict conformance with the permit application, plans and materials prepared by Putnam Engineering, PLLC on October 14, 2008 with revisions through April 10, 2012. Approved plans are specified below in Solid Waste Facility Permit Condition No. 2.

2. New Construction - APPROVED PLANS For the new facility authorized by this permit, all construction shall be in strict conformance with the provisions of the special conditions of this permit; 6 NYCRR Part 360 regulations and any revisions hereafter promulgated; and, to the extent that they do not conflict with this permit and Part 360, the following plans and reports:

- a) Engineering Report for a Construction and Demolition Debris Processing and Recyclables Handling and Recovery Facility, prepared for Tompkins Recycling Facility, Inc. by Putnam Engineering, dated December 10, 2008 (revised May 12, 2010, November 15, 2010, and April 10, 2012), signed and dated June 15, 2012 by Eshwar Kosuri, P.E.; and,
- b) Engineering Plans, latest revision date of April 10, 2012, prepared by Putnam Engineering and stamped and signed by Paul Lynch, P.E., including:

Sheet C-001 Regional Map
Sheet C-002 Vicinity Map, Zoning
Sheet C-003 Site Layout Plan
Sheet C-004 Facility Plan
Sheet C-005 Design Vehicle Radius Plans
Sheet C-006 Process Flow Diagram
Sheet C-007 Test Boring and Groundwater Monitoring Plan
Sheet C-008 Grading and Utilities Plan
Sheet C-009 Evacuation Route Plan
Sheet C-010 Wetland Enhancement Buffer Plan, Soil Excavation and Fill Plan
Sheet C-011 Phase II Environmental Site Investigation Soil test Results;

and,

Sheet G-100 Cover Sheet
Sheet C-100 Restraint Map
Sheet C-110 Existing Conditions Plan
Sheet C-120 Site Layout Plan
Sheet C-130 Grading and Utilities Plan
Sheet C-140 Excavation and Fill Plan for Wetland Buffer
Sheet C-141 Erosion and Sediment Control Plan
Sheet C-150 Landscape and Sight Distance Plan
Sheet C-160 Wetland Enhancement Buffer Plan, Soil Excavation and Fill Plan
Sheet C-210 Profiles
Sheet C-220 Profiles and Geometry Layout Plan
Sheet C-310 Details



Sheet C-320 Details
Sheet C-330 Details
Sheet C-340 Details.

The above documents supersede all previously approved plans for the facility.

At least ninety (90) days prior to commencement of any new construction, including subsequent phases, the permittee shall submit to the Department for its review and approval, engineering plans prepared by an individual who is licensed to practice engineering in the State of New York. Except for emergency repairs, no construction shall commence until written approval is received from the Department. All construction activities at this site must be supervised by an individual licensed to practice engineering in the State of New York.

3. Plans and Specifications All construction shall be in strict conformance with engineering plans and specifications prepared by a professional engineer (PE) licensed to practice in New York State, and any revisions to those plans and reports which are approved in writing by the Department.

APPROVED DOCUMENTS

4. Approved or Relevant Documents The facility shall be operated in conformance with the following approved or relevant plans and documents, to the extent they do not conflict with 6 NYCRR Part 360 Solid Waste Management Facilities Regulations and this permit:

a) *Permit Application for Construction and Demolition Debris Processing and Recyclables Handling and Recovery Facility*, submitted under 6 NYCRR Part 360, prepared for Tompkins Recycling Facility, Inc. by Putnam Engineering, dated December 10, 2008 (revised May 12, 2010, November 15, 2010, and April 10, 2012), signed and dated June 15, 2012 by Eshwar Kosuri, P.E., including the following components:

- Permit Application
- Record of Compliance
- Engineering Report
- Operation and Maintenance Manual
- Contingency Plan
- Waste Control Plan
- Personnel Training Plan
- Closure Plan
- Engineering Plans.

The above documents supersede all previously approved reports for the facility.



SUBMISSIONS, APPROVALS, and NOTIFICATIONS

5. Part 360 Compliance The facility must operate in conformance and compliance with 6 NYCRR Part 360 Solid Waste Management Facilities Regulations (Part 360) or any revisions hereafter promulgated and any State law, rule, code, or regulation; and, the special and general conditions of this permit.

Failure of the permittee to meet any of the terms and conditions of this permit is a violation of Part 360 and may subject the permittee to enforcement action.

6. Facility Compliance Initial issuance or renewal of this permit shall not be construed as a determination by the Department that the facility is in compliance with applicable regulations or with the permit conditions. That determination will be made by the Department by means of periodic facility inspections and compliance audits.

AUTHORIZED WASTE and OPERATIONS

7. Acceptable Wastes The facility shall accept only construction and demolition debris (C&D), as defined by 6 NYCRR Part 360. The permittee may also accept and handle source separated recyclables including uncontaminated cardboard and paper, provided it is adequately controlled so as to prevent litter, odor and vector problems, and is stored inside or in covered containers to prevent exposure to the elements.

The facility is prohibited from accepting asbestos waste as defined in 360.2(b)(117). However, C&D debris which contains minor amounts of non-friable asbestos and which is not categorized as asbestos waste, may be accepted but may not be pulverized, shredded, ground, or handled in any manner that causes the material to become airborne or friable.

The facility is not authorized to accept tires in bulk, but may accept tires which are incidental to incoming loads of construction and demolition debris (C&D). The tires shall be separated from the MSW and stored separately in enclosed containers prior to shipment to a facility authorized to accept bulk tires. The permittee may store up to 1,000 waste tires on site in closed containers.

8. Tonnage Limits The Permittee is authorized to accept construction and demolition debris (C&D), and source separated recyclables at a maximum combined rate of 600 TONS per DAY and 3,600 TONS per WEEK. The facility may store a maximum of 3,400 cubic yards, or 850 tons, of material inside the building at any one time.

9. Unacceptable Wastes The permittee is prohibited from accepting hazardous waste; liquid waste; sewage sludge or septage; chemical or explosive wastes; or industrial wastes as defined in 6 NYCRR 360 and/or Part 371; infectious or medical wastes as defined in Public Health Law 1389-aa and Environmental Conservation Law Article 27 Section 1501; waste tires in bulk; yard wastes; or asbestos waste; unless authorized in writing by the RMME.



14. **Vehicles** All loaded incoming and outgoing vehicles must be appropriately covered, enclosed, or otherwise secured, so as to prevent dust and blowing litter. The permittee shall deny entry to any vehicle that does not comply with this condition.

Outbound loaded vehicles may be stored outside during and after operating hours provided leachate is collected from the vehicles and the vehicles remained covered. All loaded vehicles must be removed no later than the close of the next business day.

15. **C&D and Recyclables from C&D** All processed C&D and recyclables culled from C&D must be transported in accordance with 6 NYCRR Part 361-5. All C&D and recyclables culled from C&D must be tracked using the Department's Tracking Form or a form that has received written Department approval.

All C&D (processed and unprocessed) and recyclables culled from C&D must be managed and stored in accordance with 6 NYCRR Part 361-5. All unprocessed and processed C&D must be processed and stored in areas with appropriate leachate collection systems having monitorable secondary containment. Recyclables recovered from the C&D debris and source-separated recyclables cannot be stored onsite for more than sixty (60) days unless prior written approval has been granted by the Regional Materials Management Engineer (RMME). All recovered material(s) must be stored in a manner approved by the Department.

MITIGATION of IMPACTS

16. **Tracking** The permittee shall regularly inspect the condition of off-site roads which provide immediate access to and from the facility, to determine if dirt, mud or litter from the facility or from vehicles using the facility is being deposited thereon. The permittee shall take such steps as may be necessary (including, but not limited to, paving of on-site access roads) to prevent such conditions or to correct them promptly if they develop. The actual site shall also be regularly inspected and cleaned of all debris and dirt.

17. **Nuisance Conditions** The operation of the facility must be conducted in such a manner that dust, litter, vectors, noise, and odors do not cause a nuisance condition or pose a threat to the health and safety. Any operational changes deemed necessary by the Department to correct nuisance conditions must be implemented, including immediate cessation of all or part of the facility's operation.

18. **Noise** At least once a year, the permittee shall conduct a noise survey to determine compliance with 6 NYCRR Part 360.19(j). The survey shall be carried out by an individual with expertise in noise analysis. The report must be submitted to the Department within thirty days of when the data has been obtained. In addition to what is required in Part 360 and the Department's noise guidance document, this report shall also contain the raw data, including any interference that may have been observed during the data collection process (for example, cars passing by) and the operational conditions of the facility(equipment, trucks, etc.).

If it is demonstrated that site conditions make noise impacts on the surrounding community unlikely, the permittee may petition the Department to waive annual monitoring. If a waiver is granted, the noise survey must be conducted upon renewal of the permit. The Department reserves the option to reinstitute the annual noise survey requirement if, at its sole discretion, the Department determines that conditions at the site have changed and the waiver is no longer justified.



FACILITY MAINTENANCE

19. Leachate Collection All interstitial spaces, secondary containment systems, overflow protection systems, leachate collection/conveyance systems, and the overall condition of the above ground tank and sumps must be inspected and recorded on a weekly basis.

All leachate collection components must be kept unobstructed and free draining at all times. Leachate must be collected and properly disposed from all waste hauling trailers stored onsite. In the event of an overflow of the collection tanks, operations will cease until they are pumped out, washed down, cleared of debris, or otherwise repaired. Leachate must not be allowed to overflow the collection sump within the load-out trailer tunnel.

Reports of the weekly inspections and the quantities of leachate removed, as well as the final destination for leachate disposal, must be maintained at the facility for at least seven years and be available for Department review at the facility.

20. Tipping Floor Annually, the facility tipping floor shall be emptied of all material and cleaned to allow inspection by a Professional Engineer (PE) to determine its condition. This inspection shall be done on a schedule approved by the Department, and shall occur in the same month of each succeeding year. The facility may change the month of the floor inspection providing that the time elapsed between inspections does not exceed twelve (12) months. A report must be submitted to the Department, complete with photographs, within thirty (30) days of the floor inspection describing any results and any problems encountered. In the report, the permittee shall describe what action, if any, is proposed to address any concerns found. The permittee will take whatever measures are necessary to prevent the release of contaminants (including leachate) into the environment, including but not limited to cessation of waste handling in the affected areas. The Department reserves the right to have the facility clean the tipping floor at any time for inspection if it is suspected the integrity of the floor might be questionable.

21. Walls The receiving facility building walls shall be cleaned a minimum of once a year.

CONSTRUCTION REQUIREMENTS

22. Notifications The permittee must notify the Department in writing and five (5) days prior to commencement of any construction, including subsequent phases of a construction project, to provide the Department with an opportunity to observe and inspect the construction.

23. Certification A Construction Certification Report signed, stamped and certified by a professional engineer (PE) licensed to practice in the State of New York, must be submitted to the Department within forty-five (45) days after completion of any construction. The construction certification report must certify that the construction was completed in accordance with the PE certified plans and/or reports and in compliance with all applicable 6 NYCRR Part 360 regulations. As-built drawings of the new construction and the entire facility, as well as photographs, shall be submitted to the Department as part of the Report. Operation of the facility cannot begin until the Department has reviewed an acceptable construction certification report as described above and has provided written approval to the permittee.



24. Assignment Pursuant to part 360.20, the permittee shall fund an on-site environmental monitor (OSEM). Department employees shall act as OSEMs at the facility. The OSEM shall be present during all aspects of facility operation and construction at times designated by the Department. It is not the intention of this condition to prevent the permittee from conducting such activities as are otherwise authorized by this permit if the OSEM is unable to be present at any particular time.

25. Facilities The permittee shall provide office space which shall at a minimum include a desk, chair, phone, internet connection, and any other appropriate office equipment required by the OSEM to undertake normal duties. This office space and equipment must be acceptable to the Department.

ENVIRONMENTAL MONITOR

26. Environmental Monitor Conditions

A. Upon written notification, the Permittee shall fund environmental monitoring services to be performed by or on behalf of the Department. These monitoring services will include, but not be limited to, the scope of work in an annual environmental monitoring work plan which is incorporated by reference and enforceable under this Permit.

B. The Permittee shall provide to the Department on an annual basis the funds necessary to support the activities set forth in the annual environmental monitoring work plan. The sum to be provided will be based on the annual budgeted amount and is subject to annual revision. Subsequent annual payments shall be made for the duration of this Permit or until the environmental monitoring services are no longer necessary, whichever comes first.

C. The Permittee shall be billed annually, prior to the start of each State Fiscal Year (SFY) (April 1). If this Permit is to first become effective subsequent to April 1, the initial bill will be for an amount sufficient to meet the anticipated cost of the environmental monitoring services through the end of the current SFY.

D. The Department may revise the required annual bill on an annual basis to include all of the Department's estimated costs associated with the environmental monitoring services. The annual revision may take into account such factors as inflation, salary increases, changes in the fringe benefits rate, changes in operating hours and procedures, changes in non-personal service costs (including travel, training, sampling and analytical, and equipment costs, etc.), an increase or decrease in the level of environmental monitoring services necessary, and an increase or decrease in the number of environmental monitors. Upon written request by the Permittee, the Department shall provide the Permittee with a written explanation of the basis for any revisions.

E. Prior to making its annual payment, the Permittee will receive, and have an opportunity to review, an annual environmental monitoring work plan that the Department will undertake during the year.

F. Payments are to be made in advance of the period in which they will be expended and shall be made in full within 30 days of receiving a bill from the Department. The bill from the Department to the Permittee will provide information regarding to whom payments should be made payable and the address to which payments should be sent.



G. Failure to make the required payments shall be a violation of this Permit. The Department reserves all rights to take appropriate action to enforce the above payment provisions.

H. The environmental monitor shall, when present at any of the Permittee facilities, abide by all of the Permittee health and safety and operational requirements and policies, if such requirements and policies exist and provided they are not inconsistent with Department policies and labor management contracts, and further provided, however, that this shall not be construed as limiting the environmental monitor's powers as otherwise provided for by law and shall not result in the environmental monitor being afforded less protection than otherwise provided to the environmental monitor by State and Federal health and safety requirements.

I. The environmental monitor shall receive from the Permittee all general and site-specific safety training which is normally given to new facility/site employees for all areas of the facility or site. This training will be a supplement to the health and safety training that the environmental monitor receives from the Department.

J. Upon selection of the environmental monitor, the Permittee shall immediately furnish to the environmental monitor any facility/site health and safety and operational requirements and policies. Within five (5) days of any revision to the facility/site health and safety and operational requirements and policies, the Permittee shall furnish to the environmental monitor the health and safety and operational requirements and policies.

K. The environmental monitor shall be permitted to use environmental monitoring and data collection devices (e.g., photo ionization detectors, cameras, video recording devices, computers, cell phones, etc.) deemed necessary by the Department to evaluate and document observed conditions. Copies of the data or images collected from areas where confidentiality is a concern shall be provided to the Permittee upon their request. The Permittee may request the data and images be considered confidential information if appropriate.

L. It will remain the responsibility of the Permittee to contact the Spill Hotline or any Division within the Department regarding any required notification of any spill, release, exceedances etc. Notification to the environmental monitor will not be considered sufficient to replace any required notifications.

27. Submissions Unless otherwise specified, all submissions required by this permit shall be made as follows:

One paper copy and one digital copy on CD to:

Regional Materials Management Engineer
Division of Materials Management – Region 3
New York State Department of Environmental Conservation
21 South Putt Corners Road
New Paltz, New York, 12561-1620



One paper copy and one digital copy on CD to:

Bureau of Permitting and Planning
Division of Materials Management
New York State Department of Environmental Conservation
625 Broadway, 9th Floor
Albany, New York 12233-7258

28. Approvals All approvals required by this permit shall be obtained in writing from either the Regional Materials Management Engineer (RMME) or the Regional Permit Administrator (RPA), or their designees.

The permittee shall obtain prior approval from the Department for any new construction or work which will result in a modification of the facility or any component of the facility.

Prior approval is not required for the repair or replacement of a facility component provided that such repair or replacement does not result in a modification of the facility or any component of the facility and provided that the Department is notified in writing five (5) days prior to commencement of the repair or replacement work to allow Department oversight of the work.

Emergency or other repairs to facility components which result in a modification, as defined above, are undertaken at the risk of the permittee, unless prior approval is granted by the Department. The permittee shall restore the facility to its previously approved configuration, if directed to do so by the Department.

29. Notifications The permittee shall notify the Regional On-site Environmental Monitors Supervisor by telephone (845) 256-3138 or e-mail (david.pollock@dec.ny.gov) **immediately** of any emergency situations, including fires, receipt of unauthorized waste, spills, a cessation of operation at the facility, liquid detected in any secondary containment system, or if any structure or component becomes damaged or malfunctions in any way. The notification shall describe the nature of the emergency, emergency actions taken or proposed, and the schedule for implementation of the emergency actions. These emergency incidents must be further documented in the facility's annual report.

Prior to performing any non-routine construction, monitoring, or maintenance activity, (except for emergency repairs), the RMMS shall be notified in writing at least five (5) business days in advance of such activity.



REPORTS and RECORDS

30. Permit and Plans A copy of this permit, along with all documents mentioned in the special conditions and documents required by 6 NYCRR Part 360, must be available for inspection by NYSDEC, or the PUTNAM County Health Department, during operational hours at the project site.

The permittee shall make all facility employees familiar with the approved Operations & Maintenance Manual and Contingency Plan and have them available for ready reference on the site. The permittee shall provide copies of the approved plans to the PUTNAM County Health Department.

The facility shall have an individual(s) on site that is(are) sufficiently trained in the implementation of the Contingency Plan and is/are sufficiently trained in incident response. The permittee shall be responsible for making these documents available for non-English speaking employees whose primary language is other than English. These documents must be available to employees no later than sixty (60) days after the effective date of this permit and/or the start of a new employee with special language requirements.

31. Updates All reports, plans and manuals, unless otherwise specified in the permit application or special conditions, must be updated no less frequently than renewal of the permit to operate. The permittee must submit revised plans and reports at any time that such revisions are necessary to comply with revised 6 NYCRR Part 360 regulations and/or whenever the permittee is notified by the Department that revisions are necessary to comply with applicable 6 NYCRR Part 360 regulations, regardless of whether or not such plans or reports have been previously approved. All updated plans, manuals, and reports must be prepared, stamped and signed by a Professional Engineer licensed to practice engineering in the State of New York.

32. Annual Report An annual report shall be submitted no later than March 1 of each calendar year while this permit is in effect. The annual report must be prepared in accordance with Part 360.19(k)(3). The annual report must include a revised closure/post-closure cost estimate in accordance with Part 360. If closure costs have changed, an updated financial assurance mechanism and an updated standby trust agreement (if applicable) must be provided to the Department.

33. Logs and Inspections A daily log for receipt and transport of C&D debris, and source-separated recyclables shall be maintained in accordance with 6 NYCRR Part 360.19(k)(2) and be available for Department review. The daily log must contain, at a minimum: the date; name and signature of the individual recording the information; the quantity, description, and origin of C&D debris and recyclables received at the facility; the quantity and destination of recyclables sent from the facility by major category; and, the quantity and destination of C&D debris sent from the facility for disposal.

Any complaint received by the permittee about the operation of this facility must be documented in a complaint log book, with a description of action taken to alleviate the concern and the results of the action. Documentation must be available for review at the Department's request. The log must contain the date and time of the complaint, nature of the complaint, name of person (whether Department staff, resident, employees, etc.) reporting the complaint, weather conditions at time of complaint, the action taken to alleviate the condition, and the effectiveness of the actions taken.



All incoming waste and recyclables received at the facility must be inspected prior to acceptance and inspected again after tipping for unacceptable and/or unauthorized wastes. Inspections of random and/or suspicious loads must be recorded on a daily basis and must contain the date of the inspection; the signature of the individual recording the information; a description of the wastes; the type of unauthorized waste found (if applicable); and the final disposition of the unauthorized waste. Such records must be maintained at the site and be available for Department review.

All inspection logs, records and monitoring records shall be maintained on-site by the permittee for a period of seven years from the date of recording.

CHANGES in OWNERSHIP or MANAGEMENT

34. Transfer Process Pursuant to 6 NYCRR Part 621, prior to a change in the owner(s) or the operator(s) of the facility, the permittee is required to submit for approval, on Department-approved forms, information needed by the Department to determine the fitness of the individual or company who will assume operation or ownership of the facility. The following requirements apply:

- a. If the permittee intends to contract with an individual or company to become a new operator of the facility, the permittee must notify the Department (Regional Materials Management Engineer) in writing at least thirty (30) days prior to the proposed change in operator and the proposed operator must submit a completed Record of Compliance (ROC) form.
- b. For a corporate permittee, whose stock is privately held, if there is any change in officers, principals, directors or stockholders of the permitted company, the permittee must notify the Department (Regional Materials Management Engineer, or RMME) at least thirty (30) days prior to this change and submit a completed ROC form for each officer, principal, etc. that is proposed to change.
- c. If an individual or another company acquires any or all of the stock of the permitted company, the stock buyer must notify the Department at least thirty (30) days prior to the proposed change in stock ownership and submit a completed ROC form. If the stock buyer is a non-publicly traded company, then any officer, principal, director or stockholder of the company acquiring the stock, as well as the company itself, must submit a completed ROC form. If the new stockholder is a publicly traded company, any stockholder of it who owns (or increases their stock ownership to) at least 25% of the publicly traded stock must submit a "30-day prior notification" and a completed ROC form to the Department.



FINANCIAL ASSURANCE

35. Instrument In accordance with 6 NYCRR Part 360.22 of this title, the permittee shall maintain with the Department a form of Financial Assurance acceptable to the Department, in the amount of **\$180,480** for closure and post-closure monitoring of this facility. Such financial document shall clearly state any expiration date assigned by the financial institution or permittee. Neither the provision of the Financial Assurance, nor any act of the Department in drawing upon the financial funding shall relieve the permittee of their obligation to comply with this permit and the requirements to close the facility properly. The surety shall be in a form acceptable to the Department, and submitted to:

Regional Materials Management Engineer
Division of Materials Management – Region 3
New York State Department of Environmental Conservation
21 South Putt Corners Road
New Paltz, New York 12561-1620

The financial assurance instrument must be in place and in effect prior to operation of the facility.

36. Adjustment The Department reserves the right to adjust the amount of the Financial Assurance to account for changing closure costs and for non-compliance with any conditions of this permit or any requirement of Part 360.

37. Termination In the event that the financial institution or permittee proposes to terminate the Financial Assurance at any time, the permittee shall, no less than thirty (30) days prior to the effective date of such termination, provide a substitute Financial Assurance in the same amount and form, or other form acceptable to DEC. If an acceptable substitute has not been provided by thirty (30) days prior to the termination date, DEC may draw upon the Financial Assurance for its amount and hold the amount drawn as a cash collateral guarantee until such time as an acceptable substitute is provided or if necessary during the time prior to the provision of a substitute Financial Assurance, may expend such sums as may be required in the event of the permittee's default of its obligations regarding compliance with this permit, the Permit to Operate this facility or its closure.

CLOSURE REQUIREMENTS

38. Closure Unless this permit is renewed, the permittee shall close the site prior to the expiration date of this permit or prior to the expiration of any renewals of this permit in accordance with the closure requirements in 6 NYCRR Part 360.21, and any approved closure plan.

Within forty-five 45 days of the completion of the closure activities, the permittee shall submit to the RMME a certification, prepared and stamped by a Professional Engineer licensed to practice engineering in New York State, that the facility has been closed in accordance with 6 NYCRR Part 360; and certifying that the need for further maintenance or corrective actions is minimized and that adverse environmental or health impacts such as, but not limited to, contravention of surface water and groundwater quality standards, gas migration, odors and vectors are prevented or remedied.



CESSATION of CONSTRUCTION or OPERATIONS

39. **Cessation** The facility must routinely and regularly receive authorized solid waste during the permit period. All equipment necessary for the safe and compliant operation of the facility, and required by the approved Engineering Report, O&M Manual, Contingency Plan, and the terms of this permit, must be in place and functional at all times. If construction or operation activities allowed under this permit cease for a period of twelve (12) consecutive months, the permit automatically expires on the last day of the 12th month following cessation of activities. There is no automatic expiration when the cessation of construction or operation is caused by factors beyond the reasonable control of the permittee, as determined by the Department, or when such cessation is in accordance with the provisions of the permit.

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 S Putt Corners Rd
New Paltz, NY12561

4. **Submission of Renewal Application** The permittee must submit a renewal application at least 180 days before permit expiration for the following permit authorizations: Solid Waste Management.



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-of-way 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

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 Type II Action, Renewal Under the State Environmental Quality Review Act (SEQR), the Department of Environmental Conservation has determined that this permit is a renewal where there will be no material change in permit conditions or the scope of permitted activities and is therefore a Type II Action and not subject to further procedures under this law.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 3
21 South Putt Corners Road, New Paltz, NY 12561-1620
P: (845) 256-3054 | F: (845) 255-4659
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.

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.

Scott Ballard *SB*
Deputy Regional Permit Administrator
Region 3
Telephone (845) 256-2250

- 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.
- Applicable only if checked for STORMWATER SPDES INFORMATION: We have determined that your project requires coverage under the General Stormwater SPDES Permit. You must 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.

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 NYS DEC, 100 Hillside Avenue - Suite 1W, White Plains, NY 10603-2860.

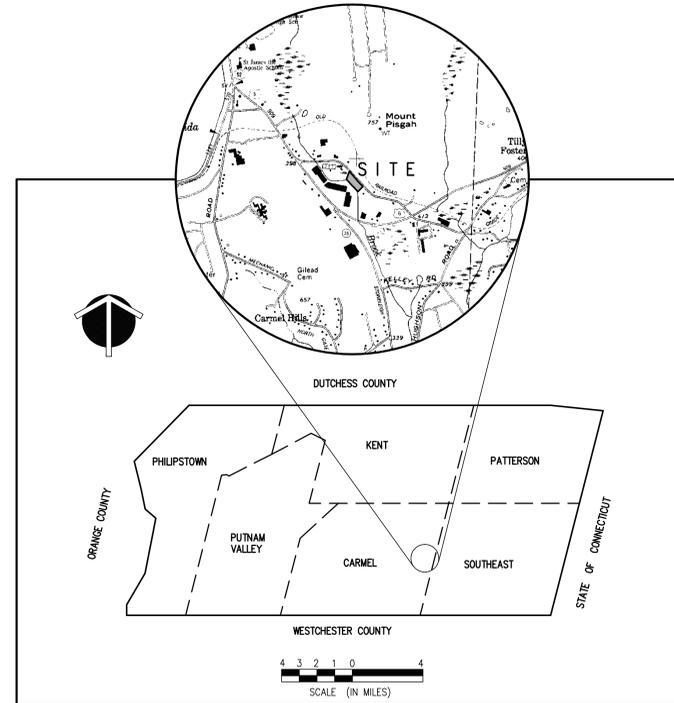


Department of
Environmental
Conservation

PROPOSED SITE PLAN PREPARED FOR:

TOMPKINS RECYCLING FACILITY CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING

60 OLD ROUTE 6
TOWN of CARMEL
PUTNAM COUNTY, NEW YORK



LOCATION MAP

DRAWING SCHEDULE

DRAWING NO.	SHEET NO.	DRAWING TITLE
G-100	1	COVER SHEET
C-100	2	RESTRAINT MAP
C-110	3	EXISTING CONDITIONS PLAN
C-120	4	SITE LAYOUT PLAN
C-130	5	GRADING & DRAINAGE PLAN
C-140	6	EXCAVATION AND FILL PLAN FOR WETLAND BUFFER
C-141	7	EROSION AND SEDIMENT CONTROL PLAN
C-150	8	LANDSCAPE & SIGHT DISTANCE PLAN
C-160	9	WETLAND BUFFER ENHANCEMENT PLAN & SOIL EXCAVATION AND FILL PLAN
C-210	10	PROFILES
C-220	11	PROFILES & GEOMETRY LAYOUT PLAN
C-310	12	DETAILS
C-320	13	DETAILS
C-330	14	DETAILS
C-340	15	DETAILS

PUTNAM ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6789
• PUTNAM ENGINEERING FILE 2006

PERMIT TO NEW YORK STATE FOR SUBMISSION 2. IT IS A VIOLATION TO REPRODUCE OR TRANSMIT THIS DRAWING IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF PUTNAM ENGINEERS - ARCHITECTS. ANY ALTERATION TO THIS DRAWING WITHOUT THE WRITTEN CONSENT OF PUTNAM ENGINEERS - ARCHITECTS SHALL BE AT THE USER'S RISK. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

NO.	DATE	DESCRIPTION
1	12/06/06	PRELIMINARY SUBMISSION
2	01/09/07	REVISED PER P.E. COMMENTS
3	01/09/07	REVISED PER P.E. COMMENTS
4	01/09/07	REVISED PER P.E. COMMENTS
5	01/09/07	REVISED PER P.E. COMMENTS
6	02/29/07	REVISED PER NYSDEC
7	04/10/07	DEC. SUBMISSION
8	04/10/07	DEC. SUBMISSION
9	05/05/07	REVISED PER COMMENTS
10	05/19/07	REVISION PER TEMA MAP
11	05/17/07	REVISION PER TEMA MAP
12	08/29/07	REVISION PER PERM RENEWAL

TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN of CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

DATE	PROJECT
10/12/06	TOMPKINS RECYCLING FACILITY
10/12/06	CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
10/12/06	60 OLD ROUTE 6
10/12/06	TOWN of CARMEL
10/12/06	PUTNAM COUNTY, NEW YORK
10/12/06	TAX MAP No. 55.11, BLOCK 1, LOT 15
10/12/06	OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

COVER SHEET

PROJECT NUMBER
8288

DRAWING NUMBER
G-100

SHEET 1 OF 15

LEGEND:

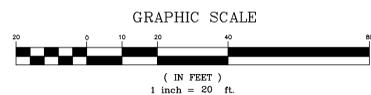
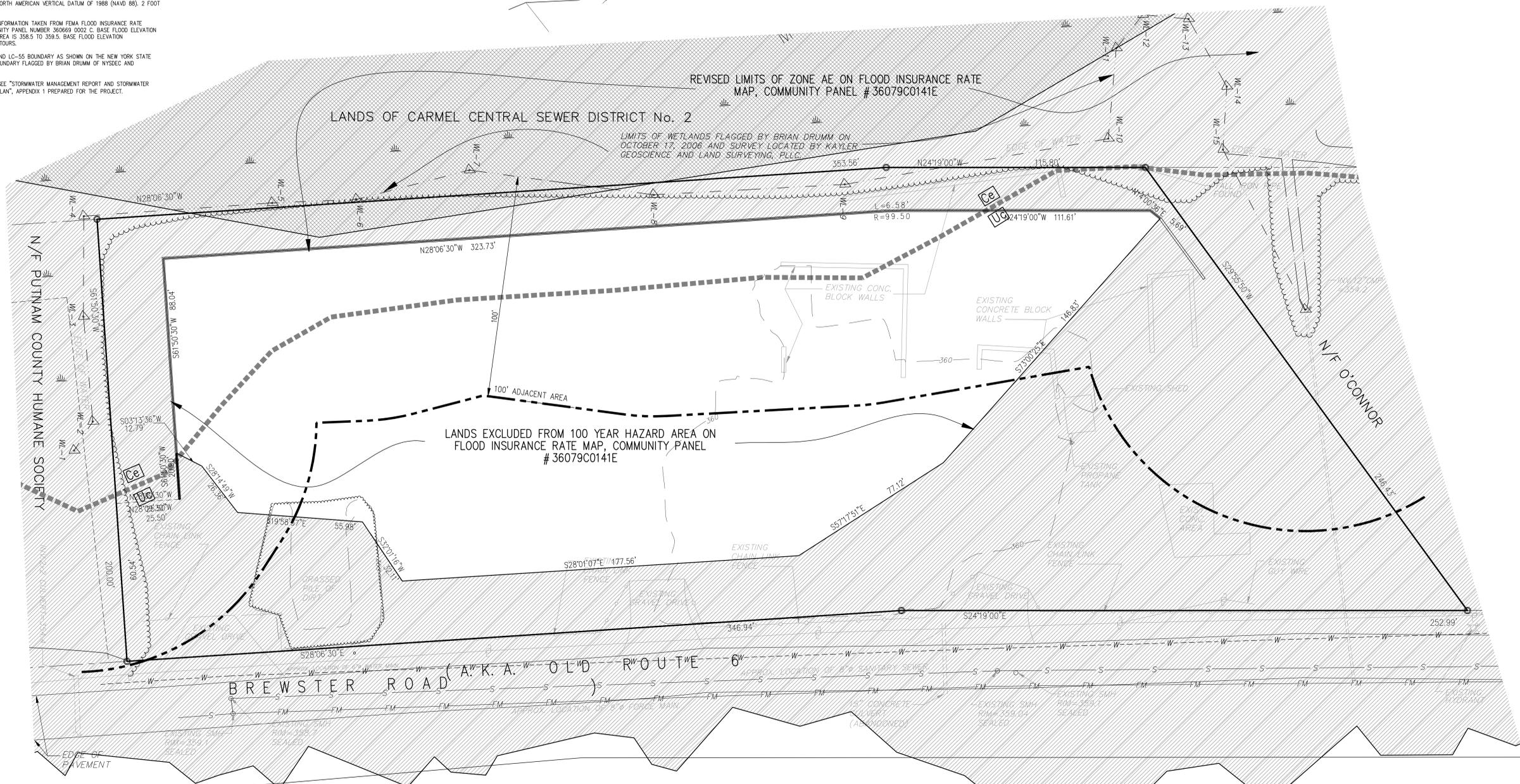
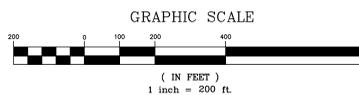
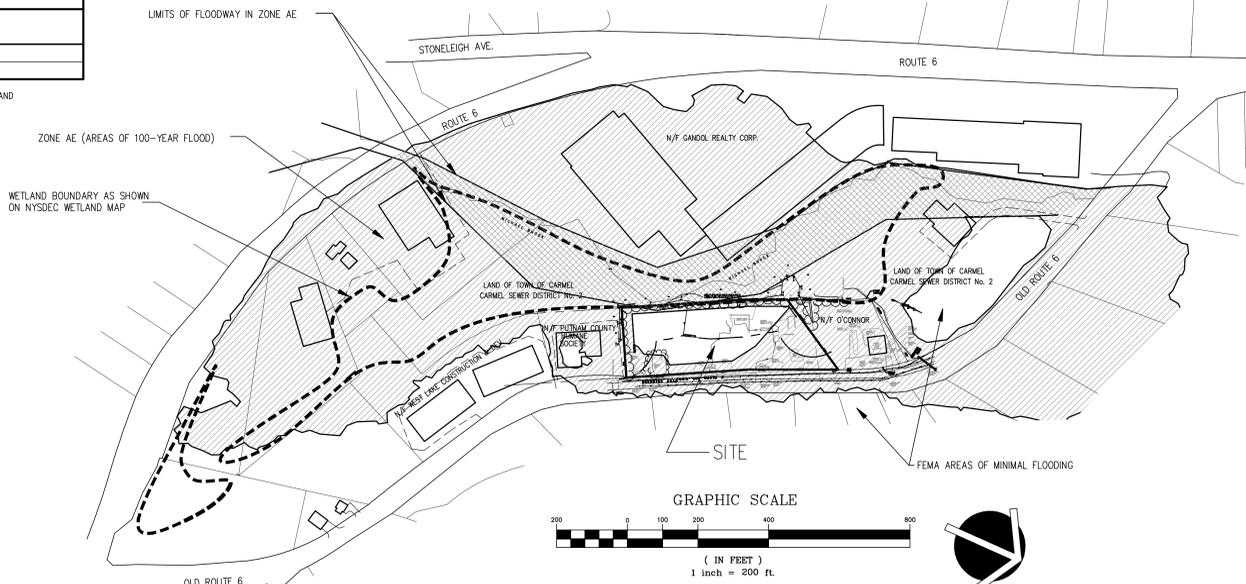
	EXISTING CONTOUR
	EXISTING BUILDING
	PROPERTY LINE
	WETLAND BOUNDARY AS SHOWN ON NYSDEC WETLAND MAP
	FLAGGED WETLAND BOUNDARY
	FEMA ZONE BOUNDARY
	FEMA LIMITS OF FLOODWAY IN ZONE AE
	FEMA ZONE AE (AREAS OF 100-YEAR FLOOD)
	FEMA OTHER AREAS (AREAS OF MINIMAL FLOODING)
	SOIL TYPE
	SOIL BOUNDARY

NOTES:

- 1. THE VERTICAL DATUM - NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), 2 FOOT CONTOUR INTERVAL.
- 1. FLOODPLAIN BOUNDARY INFORMATION TAKEN FROM FEMA FLOOD INSURANCE RATE MAPS KNOWN AS COMMUNITY PANEL NUMBER 36069 0002 C. BASE FLOOD ELEVATION RANGE GIVEN FOR SITE AREA IS 358.5 TO 359.5. BASE FLOOD ELEVATION INTERPOLATED FROM CONTOURS.
- 2. STATE REGULATED WETLAND LC-55 BOUNDARY AS SHOWN ON THE NEW YORK STATE FRESHWATER WETLAND MAP. BOUNDARY FLAGGED BY BRIAN DRUMM OF NYSDEC AND SURVEY LOCATED.
- 3. FOR REFERENCED MAPS SEE "STORMWATER MANAGEMENT REPORT AND STORMWATER POLLUTION PREVENTION PLAN", APPENDIX 1 PREPARED FOR THE PROJECT.

SOILS LEGEND		
SOIL SYMBOL	SOIL GROUP	SOIL NAME
Ce	A/D	CARLISLE MUCK
Uc		UDORTMENTS, WET SUBSTRATUM

NOTE: APPROXIMATE LIMITS OF SOIL TYPES TAKEN FROM SOIL SURVEY OF PUTNAM AND WESTCHESTER COUNTIES, 1994.



PERMIT TO NEW YORK STATE EEM SUBMISSION 2. IT IS A VIOLATION TO REPRODUCE OR TRANSMIT THIS DOCUMENT OR ANY PART THEREOF WITHOUT THE WRITTEN PERMISSION OF PUTNAM ENGINEERING. ANY ALTERATION OF THIS DOCUMENT SHALL BE THE RESPONSIBILITY OF THE USER. PUTNAM ENGINEERING SHALL BE RESPONSIBLE FOR THE ACCURACY OF THIS DOCUMENT ONLY AS OF THE DATE OF SUCH SUBMISSION AND NOT FOR ANY SUBSEQUENT ALTERATION OF THE ALTERNATION.

REV. NO.	DATE	DESCRIPTION
1	11/07/07	ADD. REV. APPROVAL
2	12/06/07	REV. DEC. SUBMISSION
3	12/07/07	REV. PRELIM. SUBMISSION
4	02/29/08	REV. PER P.E. COMMENTS
5	02/29/08	REV. PER NYSDEC
6	02/29/08	REV. PER NYSDEC
7	04/01/08	REV. PER NYSDEC
8	04/01/08	REV. PER NYSDEC
9	04/01/08	REV. PER NYSDEC
10	05/19/08	REV. PER NYSDEC
11	05/17/07	REV. PER NYSDEC
12	08/26/07	REV. PER NYSDEC

TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER : 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

DATE	10/12/06
PROJECT MANAGER	BK
DRAWN BY	BJK
CHECKED BY	PML
SCALE	AS SHOWN

RESTRAINT MAP

PROJECT NUMBER 8288
DRAWING NUMBER

C-100

LIST OF ADJOINERS (500' RADIUS)		
55.7-1-1	DP53 LLC and STORAGE DEPOT SALT LAKE LLC	333 NORTH BEDFORD RD MOUNT KISCO, NY 10549
55.7-1-2	COUNTY OF PUTNAM	4591 SOUTH 300 WEST CARMEL, NY 10512
55.7-1-3	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.7-1-4	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.7-1-5	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-4	PUTNAM PLAZA LLC	7-11 BROADWAY WHITE PLAINS, NY 10601
55.11-1-6	NYSARC INC., PUTNAM CHAPTER	30 INTERNATIONAL BLVD BREWSTER, NY 10509
55.11-1-13	WEST LAKE CONSTRUCTION & DEV.	P.O. BOX 839 MAHOPAC, NY 10541
55.11-1-14	PUTNAM CO HUMANE SOC	P.O. BOX 297 CARMEL, NY 10512
55.11-1-16	O'CONNOR ROBERT E TRUST	162 BALLHACK RD. BREWSTER, NY 10509
55.11-1-17	TOWN OF CARMEL	60 MCALPIN AVE. MAHOPAC, NY 10541
55.11-1-18	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-19	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-20	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-22	77 OLD ROUTE 6, INC	77 OLD ROUTE 6 CARMEL, NY 10512
55.11-1-30.1	COUNTY OF PUTNAM	40 GLENEIDA CARMEL, NY 10512

OWNER/APPLICANT APPROVAL

THE UNDERSIGNED OWNER OF THE PROPERTY HEREON STATES THAT HE IS FAMILIAR WITH THESE DRAWINGS, THEIR CONTENTS AND THEIR LEGENDS AND HEREBY CONSENTS TO ALL THEIR SAID TERMS AND CONDITIONS AS STATED HEREON. FURTHER, THE OWNER CONSENTS TO THE FILING OF THIS MAP.

SIGNED THIS _____ DAY OF _____, 20____

PLANNING BOARD APPROVAL

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF CARMEL, NEW YORK, ON THE _____ DAY OF _____, 20____

ANY CHANGES, ERASURE, MODIFICATION OR REVISION OF THE PLAN, AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS _____ DAY OF _____, 20____ BY _____ SECRETARY

SOILS LEGEND

SYMBOL	NAME	HYD. GROUP
Ce	CARLISLE MUCK	A/D
Uc	UDORTHENTS, WET SUBSTRATUM	-

NOTE: APPROXIMATE LIMITS OF SOIL TYPES TAKEN FROM SOIL SURVEY OF PUTNAM AND WESTCHESTER COUNTIES, 1994.

THE FRESHWATER WETLAND BOUNDARY AS REPRESENTED ON THESE PLANS ACCURATELY DEPICTS THE LIMITS OF FRESHWATER WETLAND LC-55 AS DELINEATED BY MR. BRIAN DRUMM ON OCTOBER 17, 2006.

DEC. STAFF: *Brian Drumm*
DATE: 2/10/2007

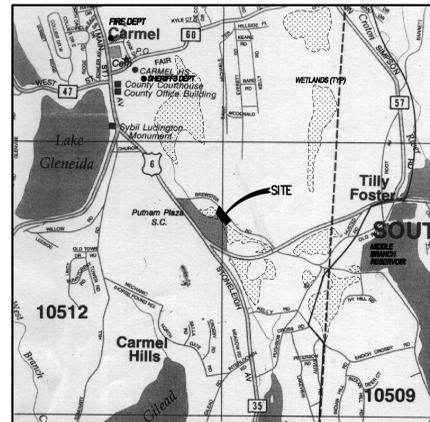
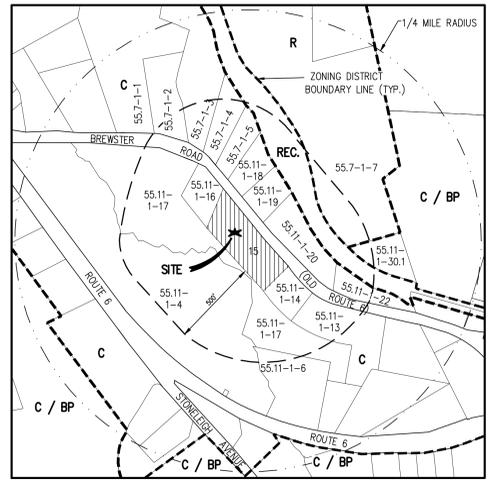
SURVEYOR/ENGINEER
PUTNAM ENGINEERS, P.L.L.C.
CARMEL, NY

WETLAND BOUNDARY DELINEATIONS AS VALIDATED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION REMAIN VALID FOR TEN YEARS UNLESS EXISTING EXEMPT ACTIVITIES, AREA HYDROLOGY, OR LAND USE PRACTICES CHANGE. AFTER 10 YEARS THE BOUNDARY MAY BE REVALIDATED BY DEC. STAFF. REVALIDATION MAY INCLUDE A NEW DELINEATION AND SURVEY OF THE WETLAND BOUNDARY.

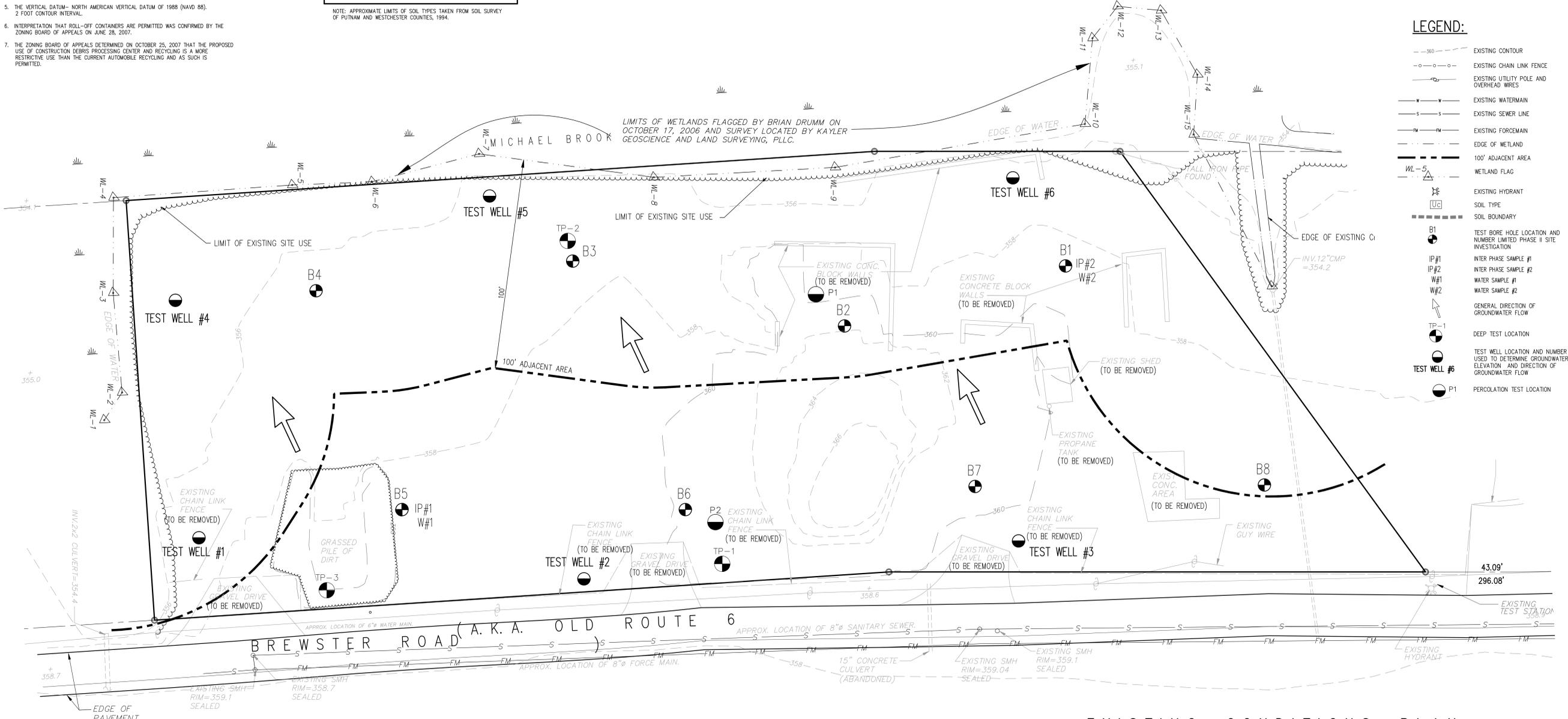
ANY PROPOSED CONSTRUCTION, GRADING, FILLING, EXCAVATING, CLEARING OR OTHER REGULATED ACTIVITY IN THE FRESHWATER WETLAND OR WITHIN 100' OF THE WETLAND BOUNDARY AS DEPICTED ON THIS PLAN REQUIRES A PERMIT FROM THE NYSDEC UNDER ARTICLE 24 OF THE ENVIRONMENTAL CONSERVATION LAW (FRESHWATER WETLANDS ACT) PRIOR TO COMMENCEMENT OF WORK.

TOTAL SQUARE FOOTAGE OF AREA TO BE DISTURBED WITHIN THE 100' ADJACENT BUFFER AREA TO FRESHWATER WETLAND LC-55: 59,900 SF

APPROXIMATE CUBIC YARDS OF FILL WITHIN THE 100' ADJACENT BUFFER AREA TO FRESHWATER WETLAND LC-55: 2780 CY



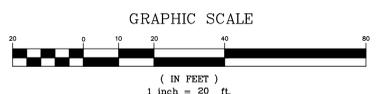
- GENERAL NOTES:**
- SITE INFORMATION TAKEN FROM A PLAN ENTITLED "EXISTING TOPOGRAPHY SECTION 181, BLOCK 1, LOT 3 & 4" AS PREPARED BY ZEN DESIGN CONSULTANTS, INC. DATED 11-14-2005. THE TOPOGRAPHIC DATA HAS BEEN ADJUSTED TO USGS DATUM.
 - OWNER/APPLICANT: 70 OLD ROUTE 6 LLC, P.O. BOX 508, BEDFORD, N.Y. 10506
 - SITE DATA: TAX MAP 55.11-1-15, LOT AREA = 2.45 ACRES (106,927 S.F.)
 - ZONING DISTRICT: C - COMMERCIAL
 - THE VERTICAL DATUM - NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88), 2 FOOT CONTOUR INTERVAL.
 - INTERPRETATION THAT ROLL-OFF CONTAINERS ARE PERMITTED WAS CONFIRMED BY THE ZONING BOARD OF APPEALS ON JUNE 28, 2007.
 - THE ZONING BOARD OF APPEALS DETERMINED ON OCTOBER 25, 2007 THAT THE PROPOSED USE OF CONSTRUCTION DEBRIS PROCESSING CENTER AND RECYCLING IS A MORE RESTRICTIVE USE THAN THE CURRENT AUTOMOBILE RECYCLING AND AS SUCH IS PERMITTED.



LEGEND:

- 360--- EXISTING CONTOUR
- o-o-o- EXISTING CHAIN LINK FENCE
- x-x-x- EXISTING UTILITY POLE AND OVERHEAD WIRES
- w--- EXISTING WATERMAIN
- s--- EXISTING SEWER LINE
- fm--- EXISTING FORCE MAIN
- e--- EDGE OF WETLAND
- b--- 100' ADJACENT AREA
- wl-5--- WETLAND FLAG
- h--- EXISTING HYDRANT
- [Symbol]--- SOIL TYPE
- [Symbol]--- SOIL BOUNDARY
- B1--- TEST BORE HOLE LOCATION AND NUMBER LIMITED PHASE II SITE INVESTIGATION
- IP#1--- INTER PHASE SAMPLE #1
- IP#2--- INTER PHASE SAMPLE #2
- W#1--- WATER SAMPLE #1
- W#2--- WATER SAMPLE #2
- [Symbol]--- GENERAL DIRECTION OF GROUNDWATER FLOW
- TP-1--- DEEP TEST LOCATION
- [Symbol]--- TEST WELL LOCATION AND NUMBER USED TO DETERMINE GROUNDWATER ELEVATION AND DIRECTION OF GROUNDWATER FLOW
- P1--- PERCOLATION TEST LOCATION

EXISTING CONDITIONS PLAN



PUTNAM ENGINEERS, P.L.L.C.
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6789

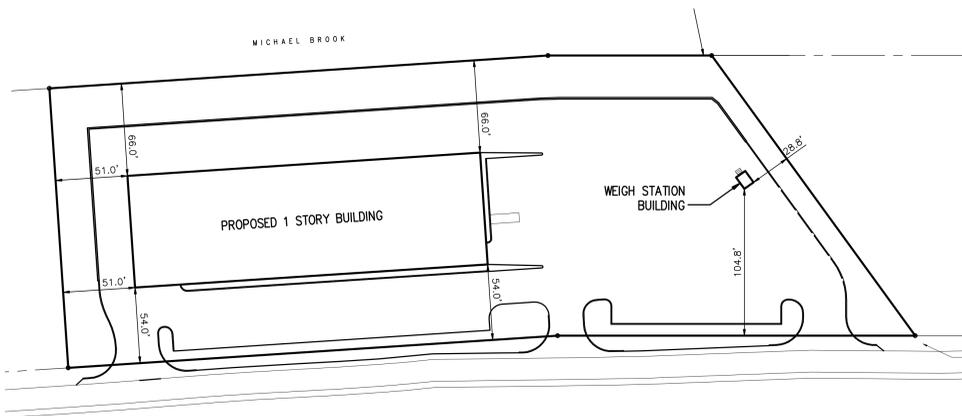
PROJECT: **TOMPKINS RECYCLING FACILITY**
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, LLC, P.O. BOX 508 BEDFORD N.Y. 10506

DATE: 10/12/06
PROJECT MANAGER: BK
DRAWN BY: BDK
CHECKED BY: PNL
SCALE: AS NOTED

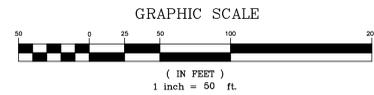
DRAWING: **EXISTING CONDITIONS PLAN**

PROJECT NUMBER: 8286
DRAWING NUMBER: **C-110**

SHEET 3 OF 15



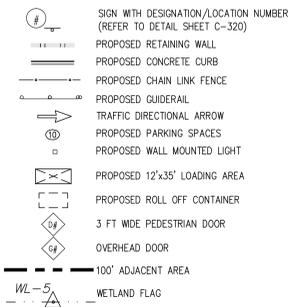
BUILDING LAYOUT PLAN



SCHEDULE of DISTRICT REGULATIONS		
C COMMERCIAL	REQUIRED	PROVIDED
MIN. LOT AREA (SF)	40,000	106,927
MIN. LOT WIDTH (FT)	200	496
MIN. LOT DEPTH (FT)	200	200
MINIMUM YARDS/SETBACKS		
FRONT (FT)	40	54
SIDE (FT)	25	51
REAR (FT)	30	66
MAX. BLDG. HEIGHT (FT)	35	35
MIN. FLOOR AREA (SF)	5000	20,880
MAX. LOT COVERAGE (%)	30	19.5

OFF-STREET PARKING & LOADING		
OFF-STREET PARKING: PER CHAPTER 63-11(B) WAREHOUSE/STORAGE/HEAVY COMMERCIAL ESTABLISHMENT: ONE PARKING SPACE FOR EVERY 1000 S.F. OF FLOOR AREA 20,880 S.F. / 1000 = 21 SPACES		
TOTAL SPACES REQUIRED:	21	
TOTAL SPACES PROVIDED:	25	
OFF-STREET LOADING: PER CHAPTER 63-11(B) WAREHOUSE/STORAGE/HEAVY COMMERCIAL ESTABLISHMENT: ONE LOADING SPACE FOR FIRST 10,000 S.F. OF FLOOR AREA PLUS 1 ADDITIONAL SPACE FOR EACH ADDITIONAL 20,000 S.F. OF FLOOR AREA		
TOTAL SPACES REQUIRED:	2	
TOTAL SPACES PROVIDED:	2	

SITE LAYOUT LEGEND:



LIGHTING NOTES:

1. ALL EXTERIOR LIGHTING TO BE INSTALLED SHALL BE DOWNWARD DIRECTED AND SHALL NOT RESULT IN LIGHT SPILLING OFF THE SITE. POLE MOUNTED LIGHTING SHALL BE INSTALLED WITH CUT-OFF LUMINAIRES.
2. NO OUTDOOR STORAGE SPACE SHALL BE LIGHTED.

GENERAL NOTES:

1. SITE INFORMATION TAKEN FROM A PLAN ENTITLED "EXISTING TOPOGRAPHY SECTION 181, BLOCK 1, LOT 3 & 41" AS PREPARED BY ZEN DESIGN CONSULTANTS, INC. DATED 11-14-2005. THE TOPOGRAPHIC DATA HAS BEEN ADJUSTED TO USGS DATUM.
2. OWNER/ APPLICANT: 70 OLD ROUTE 6 LLC
P.O. BOX 508
BEDFORD, N.Y. 10506
3. PROPOSED USE: COMMERCIAL
4. ALL UTILITIES SHALL BE INSTALLED UNDERGROUND AND IN CONFORMANCE WITH LOCAL CODES AND UTILITY COMPANY REQUIREMENTS.
5. ALL ON-SITE TRAFFIC CIRCULATION IS TWO-WAY UNLESS NOTED OTHERWISE.
6. HANDICAP PARKING SPACES, ACCESS AISLE AND HANDICAP SYMBOLS SHALL BE DESIGNATED WITH 4 INCH BLUE PAINTED LINES. ALL OTHER PARKING SPACES SHALL BE DESIGNATED WITH 4 INCH WHITE PAINTED LINES.
7. SITE DATA: TAX MAP 55.11-15
LOT AREA = 2.45 ACRES (106,927 S.F.)
8. ZONING DISTRICT: C COMMERCIAL
9. ALL SIGNAGE SHALL CONFORM TO THE REQUIREMENTS OF CHAPTER 63-11 OF THE ZONING CODE OF THE TOWN OF CARMEL.
10. SEWER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL SEWER DISTRICT #2. WATER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL WATER DISTRICT #2.
11. ALL EXTERIOR LIGHTING TO BE INSTALLED SHALL BE DOWNWARD DIRECTED AND SHALL BE INSTALLED WITH CUT-OFF LUMINAIRES.
12. THE VERTICAL DATUM- NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) 2 FOOT CONTOUR INTERVAL.
13. THERE ARE NO OUTDOOR AREAS PROPOSED FOR SELLING OR DISPLAY.
14. ESTIMATE OF EMPLOYEES: 25
15. DESCRIPTION OF OPERATION: CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING CENTER.
16. TYPE OF MACHINERY AND EQUIPMENT TO BE USED: ROLL-OFF TRUCKS, EXCAVATORS, LOADERS, ROCK CRUSHER, STUMP GRINDER.
17. INTERPRETATION THAT ROLL-OFF CONTAINERS ARE PERMITTED WAS CONFIRMED BY THE ZONING BOARD OF APPEALS ON JUNE 28, 2007.
18. THE ZONING BOARD OF APPEALS DETERMINED ON OCTOBER 25, 2007 THAT THE PROPOSED USE OF CONSTRUCTION DEBRIS PROCESSING CENTER AND RECYCLING IS A MORE RESTRICTIVE USE THAN THE CURRENT AUTOMOBILE RECYCLING AND AS SUCH IS A PERMITTED USE IN THE ZONE.

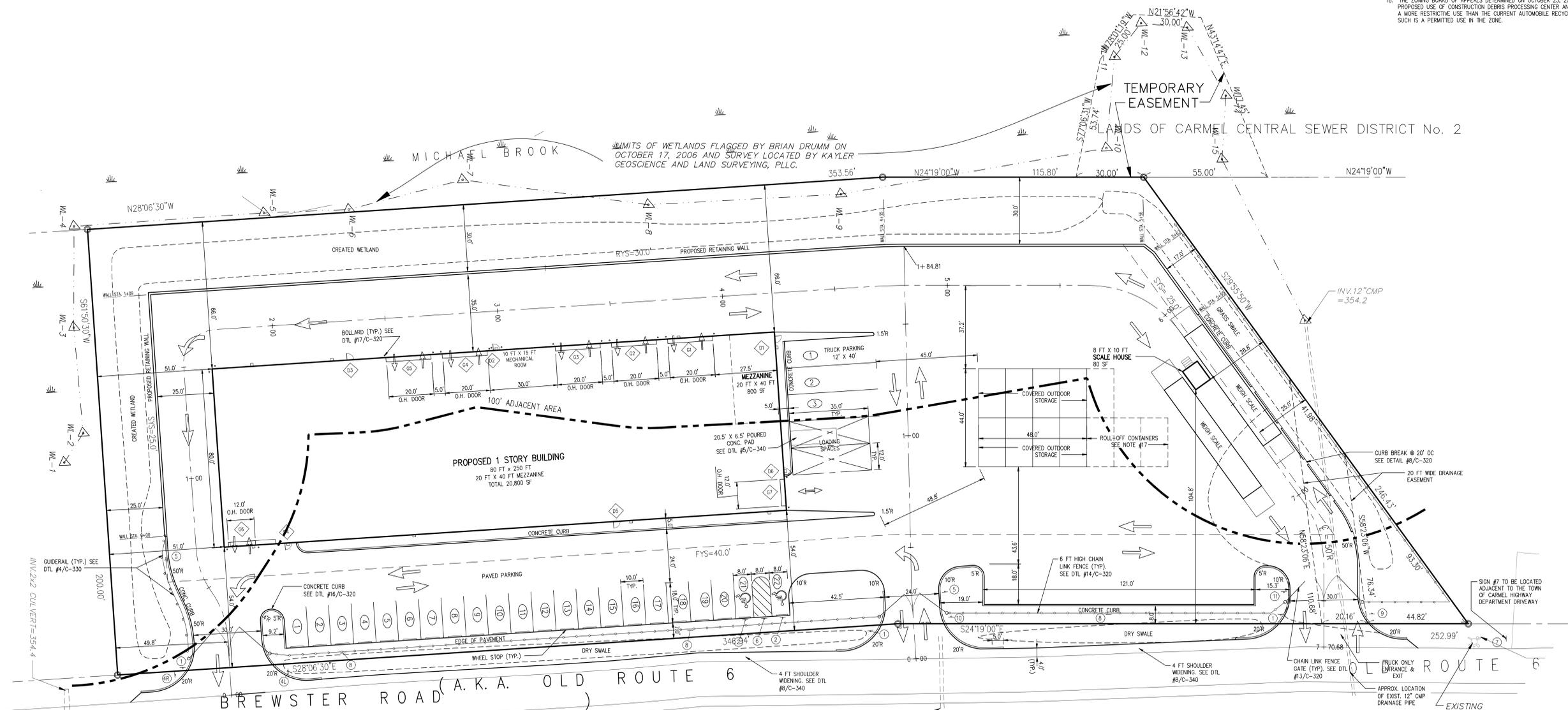
PUTNAM ENGINEERING & ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6789
P.E. STATE ENGINEERING FILE NO. 2005

NO.	DATE	DESCRIPTION
1	12/22/07	PRELIMINARY SUBMISSION
2	01/09/08	REVISED PER Z.P.E. COMMENTS
3	02/27/08	REVISED PER Z.P.E. COMMENTS
4	02/27/08	REVISED PER Z.P.E. COMMENTS
5	02/27/08	REVISED PER Z.P.E. COMMENTS
6	02/27/08	REVISED PER Z.P.E. COMMENTS
7	02/27/08	REVISED PER Z.P.E. COMMENTS
8	02/27/08	REVISED PER Z.P.E. COMMENTS
9	02/27/08	REVISED PER Z.P.E. COMMENTS
10	02/27/08	REVISED PER Z.P.E. COMMENTS
11	02/27/08	REVISED PER Z.P.E. COMMENTS
12	02/27/08	REVISED PER Z.P.E. COMMENTS

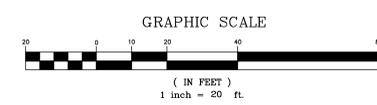
TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, LLC, P.O. BOX 508 BEDFORD N.Y. 10506

PROJECT
DATE: 10/12/08
PROJECT MANAGER: BK
DRAWN BY: BCK
CHECKED BY: PML
SCALE: AS NOTED

SITE LAYOUT PLAN
DRAWING PROJECT NUMBER: 8286
DRAWING NUMBER: C-120
SHEET 4 OF 15



SITE LAYOUT PLAN



GRADING AND UTILITIES LEGEND

- W — WATER MAIN
- S — SANITARY SEWER PIPE
- FM — FORCE MAIN PIPE
- FM — STORMWATER PIPE
- 490 — EXISTING CONTOURS
- (358) — PROPOSED CONTOURS
- O — EXISTING UTILITY POLE
- ● — CURB VALVE
- ○ — SANITARY SEWER CLEANOUT
- — — PROPOSED RETAINING WALL
- - - - PROPOSED STORMWATER PIPE
- - - - UNDERGROUND ELECTRIC PIPE
- — — EXISTING VEGETATION

GRADING & UTILITIES NOTES:

1. PER NEW YORK STATE LAW, THE CONTRACTOR SHALL CALL THE UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION (UPO) AT 1-800-962-7962, TWO (2) FULL DAYS PRIOR TO PERFORMING ANY EXCAVATION WORK.
2. SITE INFORMATION TAKEN FROM A PLAN ENTITLED "EXISTING TOPOGRAPHY SECTION 181, BLOCK 1, LOT 3 & 4.1" AS PREPARED BY ZEN DESIGN CONSULTANTS, INC. DATED 11-14-2005.
3. ALL UTILITIES SHALL BE INSTALLED UNDERGROUND AND IN CONFORMANCE WITH LOCAL CODES AND UTILITY COMPANY REQUIREMENTS.
4. SEWER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL SEWER DISTRICT #2. WATER SERVICE SHALL BE PROVIDED BY CONNECTION TO CARMEL WATER DISTRICT #2.
5. ALL EXTERIOR LIGHTING TO BE INSTALLED SHALL BE DOWNWARD DIRECTED AND SHALL NOT RESULT IN LIGHT SPILLING OFF THE SITE. POLE MOUNTED LIGHTING SHALL BE INSTALLED WITH CUT-OFF LUMINAIRES.
6. THE VERTICAL DATUM— NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). 2 FOOT CONTOUR INTERVAL.
7. EXISTING UTILITIES (VALVE BOXES, MANHOLE FRAMES AND RIMS, CATCH BASIN FRAMES AND GRATES, ETC) SHALL BE ADJUSTED AS REQUIRED TO MEET NEW FINISHED GRADES.
8. JOINTS IN SANITARY, STORM AND WATER PIPES TO BE OFFSET AT ALL CROSSINGS.
9. MINIMUM COVER OVER WATER LINE SHALL BE 4'-0".
10. TRACER WIRE (14 GA.) TO BE PLACED IN ALL WATER MAIN TRENCHES AT A DEPTH OF 2'-0" BELOW FINISHED GRADE.
11. GRAVITY SEWER LATERAL IS TO BE 6"
12. MINIMUM COVER OVER SEWER LINE SHALL BE 3'-0".

PUTNAM ENGINEERING
 ENGINEERS - ARCHITECTS
 4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
 (845) 279-6789 FAX (845) 279-6769
 P. 01/04/06

PURSUANT TO NEW YORK STATE ESDM SUBDIVISION 2, THIS IS A VARIATION OF THE ORIGINAL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND FOR ANY ALTERATION TO THE ORIGINAL PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING THE SERVICES OF A REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT TO REVIEW AND SEAL THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SERVICES OF A REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT TO REVIEW AND SEAL THIS PLAN.

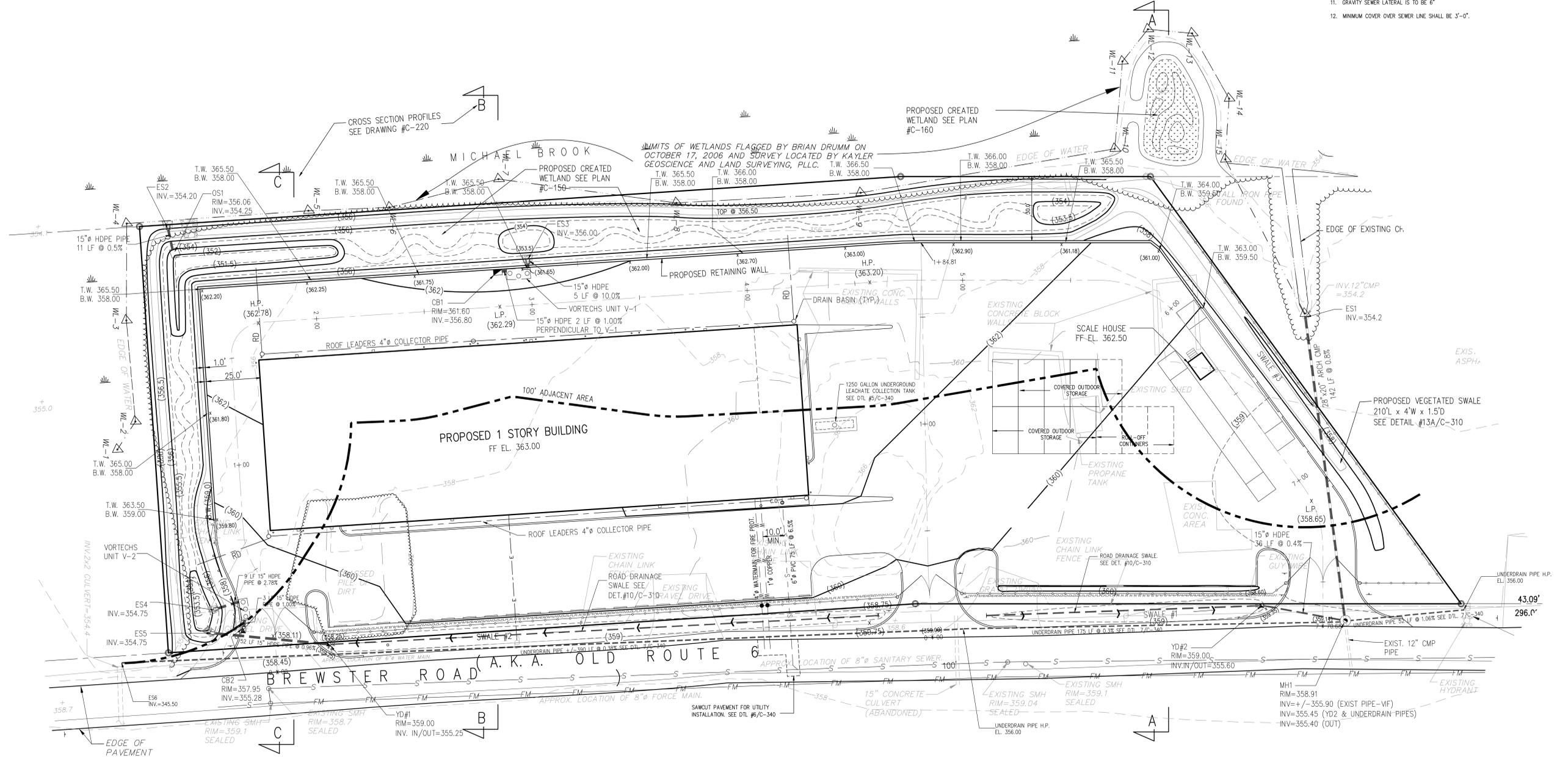
NO.	DATE	DESCRIPTION
1	11/17/07	ISSUED FOR APPROVAL
2	12/06/07	REVISED PER P.E. COMMENTS
3	12/06/07	REVISED PER P.E. COMMENTS
4	12/06/07	REVISED PER P.E. COMMENTS
5	12/06/07	REVISED PER P.E. COMMENTS
6	12/06/07	REVISED PER P.E. COMMENTS
7	12/06/07	REVISED PER P.E. COMMENTS
8	12/06/07	REVISED PER P.E. COMMENTS
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10	12/06/07	REVISED PER P.E. COMMENTS
11	12/06/07	REVISED PER P.E. COMMENTS
12	12/06/07	REVISED PER P.E. COMMENTS

REVISIONS
 NO. DATE DESCRIPTION
 1 11/17/07 ISSUED FOR APPROVAL
 2 12/06/07 REVISED PER P.E. COMMENTS
 3 12/06/07 REVISED PER P.E. COMMENTS
 4 12/06/07 REVISED PER P.E. COMMENTS
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 11 12/06/07 REVISED PER P.E. COMMENTS
 12 12/06/07 REVISED PER P.E. COMMENTS

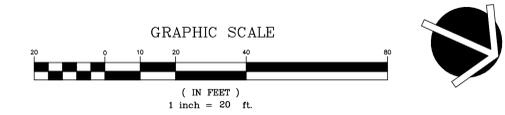
TOMPKINS RECYCLING FACILITY
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

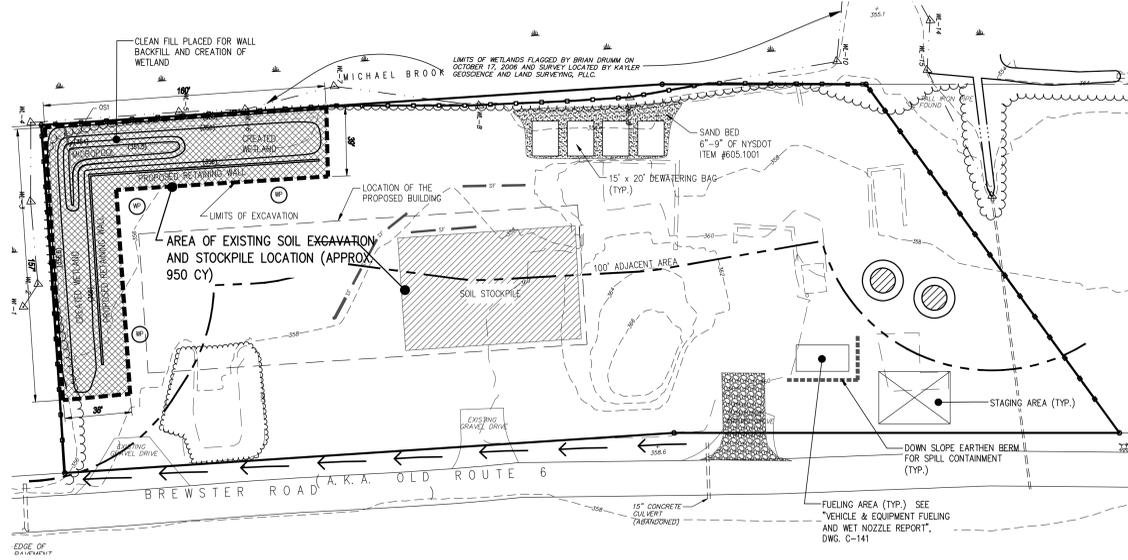
DATE: 10/12/06
 PROJECT MANAGER: BK
 DRAWN BY: BK
 CHECKED BY: BK
 SCALE: AS NOTED

GRADING and UTILITIES PLAN
 PROJECT NUMBER: 8288
 DRAWING NUMBER: C-130
 SHEET 5 OF 15

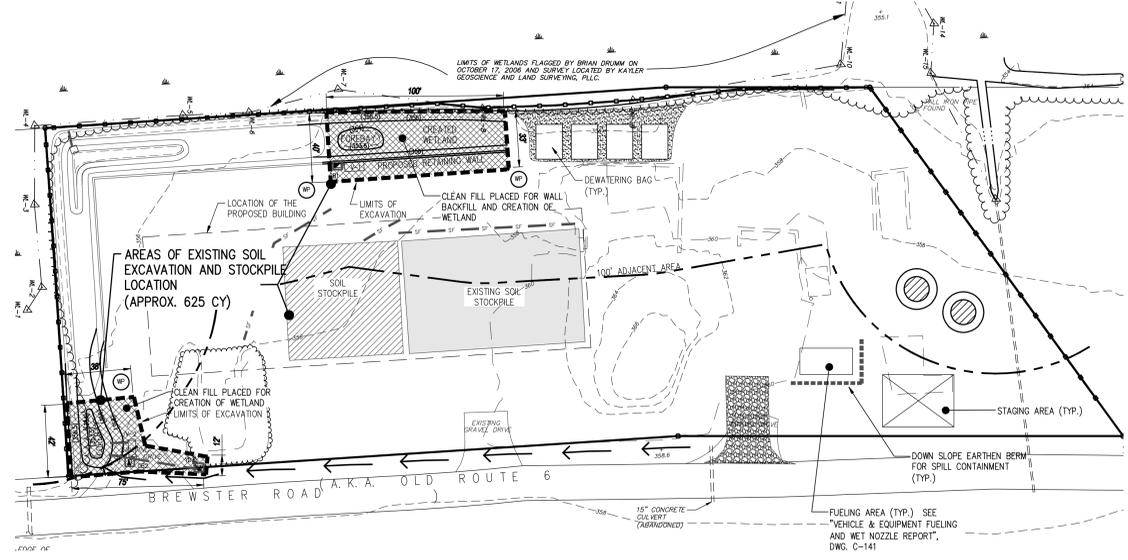


GRADING and UTILITIES PLAN

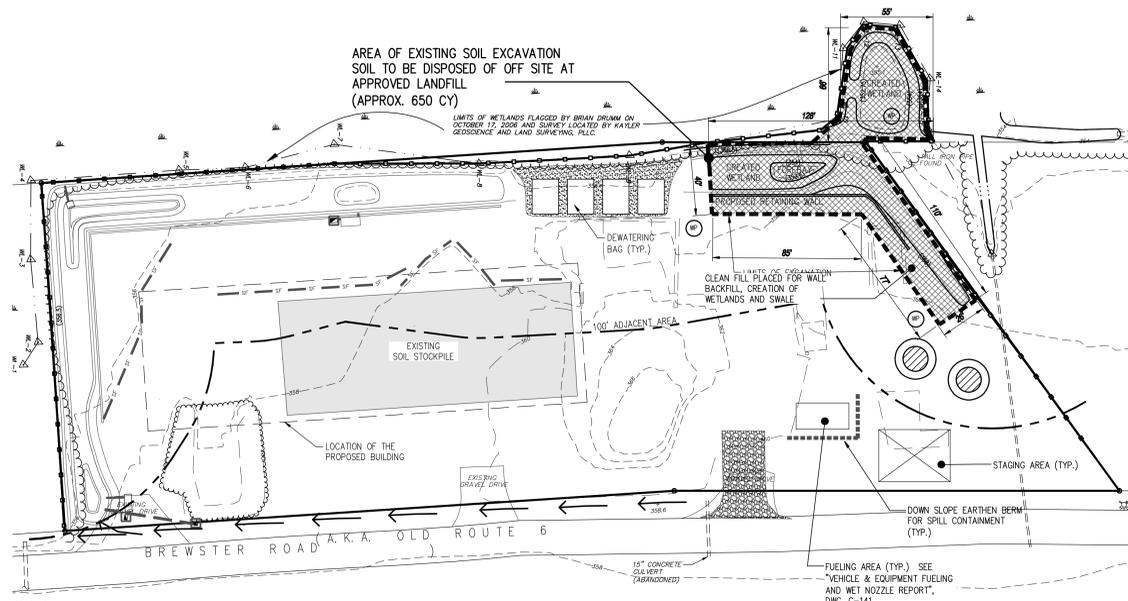




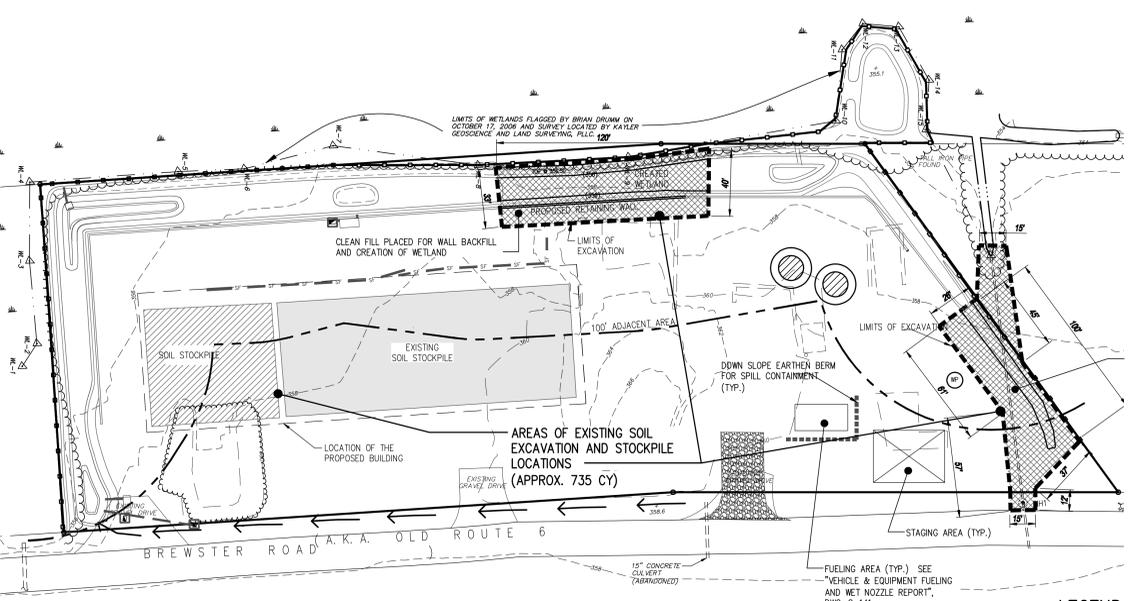
STAGE 1



STAGE 2



STAGE 3



STAGE 4

SEQUENCE OF CONSTRUCTION

- INSTALL STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON THE PLAN;
 - REMOVE DEBRIS AND UNWANTED VEGETATION FROM WETLAND AND STREAM AREAS AS SHOWN ON DRAWING #C-160;
 - INSTALL SAFETY ORANGE FENCE AND SILT FENCE ALONG PROPERTY LINES AND WETLAND PERIMETER;
 - INSTALL PERIMETER DIKE/SWALE AS SHOWN ON THE DRAWING ALONG OLD ROUTE 6.
- STAGE 1**
- CREATE FILTER SAND BED (NYSDOT ITEM 605.1001) FOR PLACEMENT UNDER DEWATERING BAGS; INSTALL DEWATERING BAGS;
 - MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 1 DRAWING;
 - INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
 - EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING #C-220 FOR TYPICAL DEPTHS;
 - PLACE THE EXCAVATED SOIL AS SHOWN ON THE DRAWING, WITHIN THE FUTURE BUILDING FOOTPRINT;
 - BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND (ALL IMPORTED FILL FOR THE SITE SHALL INCLUDE A MANIFEST ATTESTING TO IT BEING CLEAN FILL.);
 - BUILD THE RETAINING WALL;
 - BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;
 - INSTALL TEMPORARY OUTLET STRUCTURE OSI ALONG WITH OUTLET PIPE.
- STAGE 2**
- MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 2 DRAWING;
 - INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
 - EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING #C-220 FOR TYPICAL DEPTHS;
 - PLACE THE EXCAVATED SOIL AS SHOWN ON THE DRAWING, WITHIN THE FUTURE BUILDING FOOTPRINT;
 - BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND;
 - BUILD THE RETAINING WALL;
 - BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;
 - INSTALL VORTECHS UNITS V-1 AND V-2, CATCH BASINS CB1 AND CB2 AND YARD DRAIN YD1 ALONG WITH THE CONNECTING AND OUTGOING PIPES. PROTECT INLETS PER DETAIL #3/C-310. THE STRUCTURES ARE NOT TO RECEIVE ANY STORMWATER FLOW UNTIL AT LEAST AN ASPHALT BINDER COURSE IS PLACED.

STAGE 3

- MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 3 DRAWING;
- INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
- CLEAN THE DEBRIS PILE NEAR THE NORTHEAST CORNER OF THE PROPERTY;
- EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING #C-220 FOR TYPICAL DEPTHS;
- PLACE THE EXCAVATED SOIL AS SHOWN ON THE DRAWING, WITHIN THE FUTURE BUILDING FOOTPRINT;
- BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND;
- BUILD THE RETAINING WALL;
- BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;

STAGE 4

- MARK LIMITS OF EXCAVATION AS SHOWN ON STAGE 4 DRAWING;
- INSTALL WELL POINTS AS SHOWN ON PLANS PREPARED BY OTHERS. SEE "WELL POINTING" NOTES DESCRIBED ON THIS DRAWING (C-140). THE WELL POINT (WP) LOCATIONS SHOWN ON THIS PLAN ARE DIAGRAMMATIC IN NATURE; IT MAY BE NECESSARY TO INSTALL MORE THAN WHAT IS SHOWN.
- EXCAVATE THE AREA NEAR THE NORTHERN PROPERTY LINE TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING #C-220 FOR TYPICAL DEPTHS;
- INSTALL MHI AND THE ARCH PIPE;
- BRING IN THE CLEAN FILL. CREATE SWALE #3;
- DRAW THE DEWATERING BAGS ONTO THE FILL AREA WITHIN THE PROPOSED BUILDING FOOTPRINTS; REMOVE THE SAND BED;
- MARK LIMITS OF EXCAVATION NEAR THE WESTERN PROPERTY LINE;
- EXCAVATE THE AREA TO DEPTHS NECESSARY FOR PROPOSED CONSTRUCTION. REFER TO DRAWING #C-220 FOR TYPICAL DEPTHS;
- PUMP GROUNDWATER TO THE CREATED WETLAND MICROPOL IF NECESSARY;
- BRING IN CLEAN FILL FOR RETAINING WALL SUBBASE, WALL BACKFILL AND CREATED WETLAND;
- BUILD THE RETAINING WALL;
- BACKFILL THE WALL WITH CLEAN FILL. GRADE THE PROPOSED WETLAND AREA AS SHOWN ON THE DRAWING;

WELL POINTING

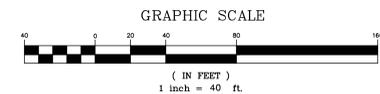
- DESCRIPTION: THIS ITEM SHALL GOVERN FOR THE TEMPORARY DEWATERING OF EXCAVATION. WORK, IN GENERAL SHALL INCLUDE:
 - DESIGNING, FURNISHING, INSTALLING, TESTING, OPERATING, MONITORING AND MAINTAINING A SYSTEM TO CONTROL GROUND WATER AND SURFACE WATER AS REQUIRED TO COMPLY WITH THE PERFORMANCE REQUIREMENTS SPECIFIED.
 - CONTROLLING AND REMOVING SEEPAGE AND SURFACE WATER FROM THE EXCAVATION, INCLUDING EXCAVATION SLOPE EROSION CONTROL.
 - PREVENTION OF SURFACE WATER FROM ENTERING THE TRENCH AND DIVERTING THE SURFACE WATER AWAY FROM THE SITE.
 - REMOVAL OF THE TEMPORARY DEWATERING SYSTEM AFTER COMPLETION OF THE SPECIFIED PORTION OF WORK.
 - REMOVAL OF GROUND WATER AND SURFACE WATER FROM ALL REMAINING EXCAVATION, AFTER REMOVAL OF THE TEMPORARY DEWATERING SYSTEM, UNTIL CONSTRUCTION HAS REACHED FINISHED GRADES.
- QUALITY ASSURANCE: THE DEWATERING SYSTEM SHALL BE PERFORMED BY A FIRM WHICH HAS AT LEAST FIVE (5) YEARS OF SUCCESSFUL EXPERIENCE IN THE FIELD OF DEWATERING. THE CONTRACTOR OR WELL POINTING FIRM SHALL ENGAGE A QUALIFIED SURVEYOR TO PERFORM ALL LAYOUTS AND MEASUREMENTS. THE SURVEYOR SHALL LAYOUT THE WORK TO THE LINES AND GRADES REQUIRED BEFORE INSTALLATION AND SHALL DETERMINE THE LOCATION OF EACH WELL POINT, PIEZOMETER AND OTHER DATA, AS REQUIRED. THE SURVEYOR SHALL RECORD AND MAINTAIN ALL INFORMATION PERTINENT TO EACH WELL POINT AND PIEZOMETER. THE TEMPORARY DEWATERING SYSTEM AS SPECIFIED IN THESE SPECIFICATIONS SHALL BE THE MINIMUM SYSTEM REQUIRED FOR CONTROLLING GROUNDWATER, REGARDLESS OF SOURCE. THE INSTALLED SYSTEM SHALL BE CAPABLE OF LOWERING AND MAINTAINING THE GROUNDWATER TO AT LEAST 3 FEET BELOW THE BOTTOM OF THE EXCAVATION AND UNTIL THE REQUIRED UTILITIES ARE INSTALLED. WITHIN THESE LIMITS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE ENTIRE TEMPORARY DEWATERING SYSTEM AND SHALL MAKE WHATEVER MODIFICATIONS AND ADDITIONS TO THE SYSTEM AS MAY BE REQUIRED FOR THE SYSTEM TO FULFILL ITS REQUIREMENTS.
- PERFORMANCE REQUIREMENTS: THE CONTRACTOR SHALL:
 - DESIGN, FURNISH, INSTALL, TEST, OPERATE, MONITOR AND MAINTAIN THE MINIMUM WELL POINT SYSTEM AS SPECIFIED HEREIN, INCLUDING ALL DISCHARGE PIPING AND CONNECTIONS AT POINT OF DISCHARGE, SUFFICIENT TO LOWER THE GROUND WATER LEVEL OR HYDROSTATIC HEAD BELOW THE BOTTOM OF THE EXCAVATION OR LOWER, SO AS TO PREVENT SEEPAGE OF WATER INTO THE EXCAVATION AND PERMIT INSTALLATION OF ALL UTILITIES "IN THE DRY".
 - DESIGN, FURNISH AND INSTALL, TEST, OPERATE, MONITOR AND MAINTAIN WHATEVER ADDITIONAL SYSTEM THAT MAY BE NECESSARY TO SUPPLEMENT THE MINIMUM WELL POINT SYSTEM AS SPECIFIED HEREIN, AND TO MAINTAIN THE EXCAVATION FREE OF GROUNDWATER SEEPAGE AND SURFACE WATER, REGARDLESS OF SOURCE.
 - THE PERIPHERY OF THE ENTIRE EXCAVATION SHALL BE SUITABLY DIKED AND THE DIKES MAINTAINED TO PREVENT SURFACE WATER FROM ENTERING THE EXCAVATION.
 - ALL WATER SEEPING, FALLING OR RUNNING INTO THE EXCAVATION AS IT IS DUG, AND UNTIL THE TEMPORARY DEWATERING SYSTEM IS REMOVED AS SPECIFIED, SHALL BE PROMPTLY PUMPED OUT.
 - DISPOSE OF ALL SEEPAGE AND SURFACE WATER REMOVED FROM THE PROJECT, REGARDLESS OF SOURCE, BY METHODS APPROVED BY THE ENGINEER.
 - TAKE APPROPRIATE AND APPROVED MEASURES TO PREVENT EROSION OF THE EXCAVATED SOILS AND RAMP SLOPES.
- MAINTENANCE: THE CONTRACTOR SHALL PROVIDE SYSTEM MAINTENANCE INCLUDING, BUT NOT LIMITED TO, AT LEAST DAILY SUPERVISION BY SOMEONE SKILLED IN THE OPERATION, MAINTENANCE, AND REPLACEMENT OF SYSTEM COMPONENTS AND SHALL PROVIDE ONE (1) SPARE (CONNECTED) DIESEL POWERED PUMP, AND ALL OTHER EQUIPMENT AND WORK REQUIRED BY THE ENGINEER TO MAINTAIN THE EXCAVATION IN A DEWATERED AND HYDROSTATICALLY RELIEVED CONDITION. DEWATERING AND PRESSURE RELIEF SHALL BE A CONTINUOUS OPERATION AND INTERRUPTIONS DUE TO POWER OUTAGES, OR ANY OTHER REASON, SHALL NOT BE PERMITTED. A RESPONSIBLE OPERATOR CAPABLE OF STARTING, FINISHING AND MAINTAINING SYSTEM AND STARTING STANDBY EQUIPMENT SHALL BE ON DUTY AT ALL TIMES. SOME RESPONSIBLE PERSON SHALL CONTINUOUSLY MONITOR THE DEWATERING AND SURFACE WATER CENTRAL SYSTEM UNTIL THE CONTRACTOR HAS RECEIVED APPROVAL FROM THE ENGINEER THAT HE MAY DISCONTINUE SURFACE AND/OR GROUNDWATER CONTROL.

- CORRECTION OF WORK: THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE FAILURE OF ALL COMPONENTS OF THE TEMPORARY DEWATERING WORK AND FOR ALL DAMAGES TO WORK IN THE EXCAVATION AREA CAUSED BY THE FAILURE TO PROVIDE, MAINTAIN, AND OPERATE THE TEMPORARY DEWATERING SYSTEM, AS SPECIFIED. CONTRACTOR SHALL RESTORE ALL DAMAGED WORK, INCLUDING FAILED COMPONENTS OF THE WORK IN THIS SPECIFICATION TO A CONDITION AS GOOD OR BETTER THAN EXISTED PRIOR TO FAILURE OF COMPONENTS.
- JOB CONDITIONS: THE CONTRACTOR SHALL PROVIDE PROTECTION OF PERSONS AND PROPERTY BY AT LEAST:
 - BARRICADING OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND POST WITH WARNING LIGHTS. OPERATE WARNING LIGHTS DURING THE HOURS FROM DUSK TO DAWN, EACH DAY. ALL BARRICADES, SIGNS AND OTHER TYPES OF DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MUTCD.
 - PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY TEMPORARY DEWATERING SYSTEM INSTALLATION AND OPERATION.
 THE CONTRACTOR SHALL RESTORE ALL STREETS, DRIVEWAYS, CURBS, SIDEWALKS AND OTHER EXISTING ITEMS TO A CONDITION AS GOOD AS OR BETTER THAN EXISTED BEFORE WORK WAS COMMENCED, AT NO ADDITIONAL COST TO TOWN OF CARMEL.

LEGEND:

- SOIL EXCAVATION
- PROPOSED SOIL STOCKPILE (PER THAT STAGE)
- EXISTING SOIL STOCKPILE (CUMULATIVE OF STAGES)
- EXISTING CONTOURS
- EXISTING DRAINAGE PIPE
- EXISTING VEGETATION LINE
- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY STAGING AREA
- TEMPORARY PERIMETER DIKE/SWALE
- LIMIT OF EXCAVATION
- SILT FENCE
- CONSTRUCTION FENCE AND SILT FENCE
- INLET PROTECTION
- CLEAN FILL STOCKPILE
- WELL POINT

EXCAVATION AND FILL PLAN FOR WETLAND BUFFER



NO.	DATE	DESCRIPTION
1	01/10/06	ISSUE FOR PERMIT
2	02/22/07	REVISION PER PERMIT
3	11/07/07	ADDED DBA APPROVAL
4	12/08/07	REVISED PER P.E. COMMENTS
5	02/27/08	REVISED PER P.E. COMMENTS
6	02/27/08	REVISED PER P.E. COMMENTS
7	04/07/08	REVISED PER P.E. COMMENTS
8	04/07/08	REVISED PER P.E. COMMENTS
9	04/07/08	REVISED PER P.E. COMMENTS
10	05/19/08	REVISED PER P.E. COMMENTS
11	05/19/08	REVISED PER P.E. COMMENTS
12	02/22/07	REVISION PER PERMIT

NO.	DATE	DESCRIPTION
13	12/08/07	REVISED PER P.E. COMMENTS
14	12/08/07	REVISED PER P.E. COMMENTS
15	02/27/08	REVISED PER P.E. COMMENTS
16	02/27/08	REVISED PER P.E. COMMENTS
17	04/07/08	REVISED PER P.E. COMMENTS
18	04/07/08	REVISED PER P.E. COMMENTS
19	04/07/08	REVISED PER P.E. COMMENTS
20	05/19/08	REVISED PER P.E. COMMENTS
21	05/19/08	REVISED PER P.E. COMMENTS
22	12/22/07	REVISION PER PERMIT

TOMPKINS RECYCLING FACILITY
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

DATE	10/12/06
PROJECT MANAGER	BK
DRAWN BY	BDK
CHECKED BY	PNL
SCALE	AS NOTED

EXCAVATION AND FILL PLAN FOR WETLAND BUFFER

PROJECT NUMBER: 8288
 DRAWING NUMBER: C-140

GENERAL NOTES

- THE SITE SHALL BE DISTURBED ONLY WHERE NECESSARY. ONLY THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED (NO MORE THAN 5 ACRES) AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME BY IMMEDIATE STABILIZATION PER THE STABILIZATION NOTES, UNLESS SPECIFIED OTHERWISE. ALL DISTURBED AREAS ARE CONSIDERED "STABILIZED" WHEN BOX OF UNIFORM, PERENNIAL VEGETATIVE COVER IS ACHIEVED OR EQUIVALENT STABILIZATION MEASURES (SUCH AS MULCHES, EROSION CONTROL, BLANKET, ETC.) HAVE BEEN PROPERLY EMPLOYED. NO WORK SHALL CONTINUE BEFORE PRIOR DISTURBANCE IS STABILIZED.
- WHEREVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED.
- AREAS UNDERGOING EARTHWORK, WHERE SOIL IS TO BE LEFT EXPOSED FOR MORE THAN FIFTEEN DAYS, SHOULD BE STABILIZED WITH EITHER TEMPORARY OR PERMANENT VEGETATIVE COVER. TEMPORARY COVER SHOULD BE USED WHEN THE PROJECT SCHEDULE DOES NOT CONCLUDE WITH THE OPTIMUM PLANTING SEASON. IN GENERAL, OPTIMUM PLANTING TIMES FOR GRASSES ARE MARCH 15th TO MAY 31st AND SEPTEMBER 1st TO NOVEMBER 15th. DURING OPTIMUM PLANTING TIMES PERMANENT VEGETATIVE COVER WILL BE INSTALLED. SEE SPECIFICATIONS FOR FURTHER DETAILS.
- THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL ARRANGE A PRE-CONSTRUCTION MEETING INVITING THE CONTRACTOR, REPRESENTATIVES OF TOWN OF CARMEL, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND TOWN AND PROJECT ENGINEERS, PRIOR TO START OF CONSTRUCTION ACTIVITIES.
- TEMPORARY MEASURES SHALL BE MAINTAINED BY PROJECT OWNER / DEVELOPER OR A DESIGNATED REPRESENTATIVE (SUCH AS THE GENERAL CONTRACTOR) DURING THE ENTIRE CONSTRUCTION PERIOD. AFTER THE CONSTRUCTION IS COMPLETED A PERMANENT MEASURES SHALL BE MAINTAINED BY THE PROPERTY OWNER(S). LEGALLY BINDING DOCUMENTS SHALL BE INCLUDED WITH THE SALE OF THE PROPERTY (PROPERTIES) TO ENSURE FUTURE OWNERS MAINTAIN THE STORMWATER FACILITIES.

DEVELOPER/OWNER
70 OLD ROUTE 6 LLC
P.O. BOX 508
BEDFORD, NY 10506

- THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL RETAIN THE SERVICE OF QUALIFIED PERSONNEL (LICENSED PROFESSIONAL ENGINEER, CERTIFIED PROFESSIONAL IN EROSION & SEDIMENT CONTROL-EPESC OR SOIL SCIENTIST) TO PERFORM SITE INSPECTIONS DURING THE CONSTRUCTION PERIOD AND FINAL SITE INSPECTION AT PROJECT COMPLETION.
- THE CONTRACTOR SHALL MAKE AVAILABLE ON SITE, ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY TO EFFECT EMERGENCY REPAIR AND REPLACEMENT OF THE EROSION CONTROL MEASURES.
- SITE INSPECTIONS DURING CONSTRUCTION PERIOD SHALL BE PERFORMED AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER. DURING WINTER, IF THE SOIL DISTURBANCE IS COMPLETELY SUSPENDED AND THE SITE IS PROPERLY STABILIZED, INSPECTION FREQUENCY MAY REDUCE, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS IN ALL SITUATIONS (EVEN WHEN THERE IS TOTAL WINTER SHUTDOWN). DURING PERIODS OF REDUCED INSPECTION FREQUENCY, INSPECTIONS MUST STILL BE DONE AFTER EVERY STORM EVENT OF 0.5 INCHES OR GREATER. TO BE ALLOWED TO REDUCE INSPECTION FREQUENCIES, THE OPERATOR MUST COMPLETE STABILIZATION ACTIVITIES (PERMETER CONTROLS, TRAPS, BARRIERS, ETC.) BEFORE PROPER INSTALLATION IS PRECLUDED BY SNOW COVER OR FROZEN GROUND. IF VEGETATION IS DESIRED, SEEDING, PLANTING, AND/OR SOODING MUST BE SCHEDULED TO AVOID ICE-OFF FROM FALL FROSTS AND ALLOW FOR PROPER GERMINATION/ESTABLISHMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED AREAS PERIODICALLY WITH WATER.
- THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL KEEP INSPECTION REPORTS AND LOGS AT THE SITE. A SUMMARY OF INSPECTION ACTIVITIES SHALL BE POSTED AT A PUBLICLY ACCESSIBLE AREA OF THE SITE ON A MONTHLY BASIS.
- PRIOR TO START OF CONSTRUCTION ACTIVITIES, THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL CERTIFY ON THE INSPECTION LOG THAT A SWPPP WAS PROPERLY PREPARED FOR THE PROJECT AND CONFORMS TO ALL FEDERAL, STATE AND LOCAL EROSION & SEDIMENT CONTROL REQUIREMENTS.
- THE PROJECT OWNER / DEVELOPER OR DESIGNATED REPRESENTATIVE SHALL PROVIDE A PHONE NUMBER TO THE DIRECTOR OF CODE ENFORCEMENT FOR USE IN EMERGENCY SITUATIONS.
- THE OWNER/DEVELOPER SHALL MAINTAIN THE CONSTRUCTION SITE FREE OF DEBRIS, LITTER AND CONSTRUCTION CHEMICALS. A DUMPSTER SHALL BE LOCATED ON THE SITE AND PICK UP ARRANGED WHEN IT IS FULL.

ON SITE POLLUTION CONTROL MEASURES

- POLLUTION PREVENTION MEASURES TO CONTROL LITTER, CONSTRUCTION CHEMICALS AND CONSTRUCTION DEBRIS.
 - THERE SHALL BE A RECEIPTABLE PLACED ON THE SITE TO TEMPORARILY STORE GARBAGE, DEBRIS OR CONSTRUCTION WASTE MATERIALS. THE CONTAINER SHALL NOT BE USED TO TRANSFER ANY GARBAGE FROM ANY OTHER OFF-SITE ACTIVITY.
 - THE RECORD OWNER SHALL BE RESPONSIBLE FOR KEEPING THE SITE FREE OF LITTER AT ALL TIMES DURING CONSTRUCTION ACTIVITIES. THE OWNER MAY DESIGNATE A CONTRACTOR IN CHARGE AS A RESPONSIBLE PARTY.
 - THE SITE SHALL BE PICKED UP AT THE END OF EACH WORKDAY AND TRASH, DEBRIS AND GARBAGE SHALL BE INSPECTED UP AND PLACED IN ON-SITE DUMPSTERS OR OTHERWISE REMOVED FROM THE SITE.
 - A PORTABLE TOILET FACILITY SHALL BE PROVIDED FOR CONSTRUCTION WORKERS AND AN ADDITIONAL FACILITY FOR EVERY 10 ON-SITE WORKERS.
 - CONSTRUCTION VEHICLES SHALL BE SERVICED OFF-SITE AT A PROPER FACILITY. LEAKING OR IL REPAIRED VEHICLES SHALL NOT BE LOCATED ON SITE. NO OIL CHANGES ARE PERMITTED ON SITE. FUELING OF VEHICLES ON SITE SHALL BE CAREFULLY PERFORMED WITH AN APPROVED DISPENSER NOZZLE, HOSE AND PUMP. SPILLS SHALL PROMPTLY BE REPORTED TO THE NYSED AND TOWN. SORBENT PADS AND ROLLS SHALL BE USED TO TEMPORARILY CONTAIN ANY SPILLS.
 - CHEMICAL SOIL ADDITIVES OR HERBICIDES SHALL NOT BE USED ON SITE DURING CONSTRUCTION.
 - THE CONTAINERS SHALL BE OF SUFFICIENT SIZE FOR THE CONSTRUCTION ACTIVITY. CONTAINERS SHALL BE EMPLOYED BY AN APPROVED CARTER TO A PROPER FACILITY WHEN FULL. CONTAINERS SHALL BE COVERED TO PREVENT INFILTRATION OF RAIN AND WEATHER AND TO PREVENT WINDBORNE DEBRIS REMOVAL.
 - PAINTS, CHEMICALS OR OTHER TOXIC SUBSTANCES SHALL NOT BE PLACED IN TRASH CONTAINERS. PAINTS, CHEMICALS OR TOXIC SUBSTANCES SHALL BE REMOVED FROM SITE BY AN APPROVED LICENSED CARTER.
 - THERE SHALL BE NO OPEN FIRES OR BARREL FIRES PERMITTED.
 - DEBRIS OR TRASH PILES ARE NOT PERMITTED. DEBRIS SHALL BE PLACED IN CONTAINERS. TEMPORARY PILES OF BRUSH OR STUMPS SHALL BE PROTECTED BY SILT FENCE SIMILAR TO TOPSOIL STOCKPILES.
- ON SITE STORAGE OF CONSTRUCTION AND WASTE MATERIALS
 - CONSTRUCTION MATERIALS STORED ON SITE ARE ANTICIPATED TO BE:
 - SAND, STONE AND CRUSHED ROCK
 - BRUSH OR TREE STUMPS
 - SOIL STOCKPILES
 - BUILDING PRODUCTS (WOOD, STEEL FRAMING, INSULATOR BOARDS, PLYWOOD, PIPE, DRAINAGE STRUCTURES)
 - CONSTRUCTION EQUIPMENT AND MACHINERY
 - DUMPSTERS OR STORAGE CONTAINERS
 - POLLUTION CONTROLS SHALL CONSIST OF:
 - POLLUTION PREVENTION MEASURES DESCRIBED IN SECTION "A".
 - THE COVERING OF EXPOSED PRODUCTS WHEN NOT IN USE.

SEQUENCE OF CONSTRUCTION

- IN ORDER TO EFFECTIVELY CONTROL EROSION AND SEDIMENT, CONTRACTOR SHALL FOLLOW THE LOCATION, MATERIALS AND PROCEDURES SHOWN ON THE "EXCAVATION AND FILL PLAN", DRAWING C-140, "EROSION AND SEDIMENT CONTROL PLAN", DRAWING C-141, DETAILS SHOWN ON SHEETS C-310 AND THE FOLLOWING SEQUENCE OF CONSTRUCTION:
- CONTRACTOR TO RETAIN ALL EROSION CONTROL MEASURES AS SHOWN ON DRAWING C-140.
 - RELOCATE THE STABILIZED CONSTRUCTION ENTRANCE TO THE PROPOSED GATE #2 LOCATION AS SHOWN ON THE PLAN
 - EXCAVATE TRENCHES FOR DRY SWALES #1 & #2 AND FOR UNDERDRAIN PIPES. INSTALL YARD DRAIN #2 AND MANHOLE WHI ALONG WITH CONNECTING AND OUTGOING PIPES. TRENCHES TO BE BACKFILLED IMMEDIATELY UPON COMPLETION OF INSTALLATION OF PIPES. EXPOSED SOIL TO BE STABILIZED IMMEDIATELY AFTER BACKFILL.
 - PROTECT INLET PER DETAIL #37C-310.
 - INSTALL TEMPORARY EARTH DIKE/SWALE #2.
 - ROUGH GRADE THE SITE. FILL MATERIAL SHALL BE FREE FROM ROOTS, VEGETATION AND OVERSIZED STONES. FILL TO BE PLACED IN 8 INCH LIFTS AND COMPACTED TO SOE DRY DENSITY BY MECHANICAL MEANS. STABILIZE DISTURBED AREAS IMMEDIATELY AFTER GRADING PER "STABILIZATION NOTES". ALL FILL IMPORTED FOR THE SITE SHALL INCLUDE A MANIFEST ATTESTING TO IT BEING CLEAN FILL.

- CONSTRUCT BUILDING TO INCLUDE GREEN ROOF, AND WEIGHT STATION. INSTALL AROUND DRAINS, CONNECT THE BUILDING TO THE UTILITY LINES. COMPLETE GRADING AROUND THE BUILDING.
- INSTALL PROPOSED CURBING AND PAVEMENT. BRING PAVEMENT TO BINDER COURSE ELEVATION.
- COMPLETE REMAINING SITE WORK, FINAL GRADING AND BUILDING CONSTRUCTION.
- CLEAN ACCUMULATED SEDIMENT IN TEMPORARY SWALES. RESTORE AND UPGRADE TO PERMANENT SWALES. CLEAN ALL DRAINAGE STRUCTURES.
- REMOVE ANY ACCUMULATED SEDIMENT FROM THE CREATED WETLAND. REMOVE TEMPORARY RISER PIPE. INSTALL TRASH RACK ON OUTLET STRUCTURE. OSI. GRADE BOTTOM AS SHOWN ON THE PLAN. PLANT WETLAND VEGETATION AS SHOWN ON DRAWING C-150.
- RAISE CATCH BASINS AND MANHOLE RIMS TO TOP COURSE ELEVATION. REMOVE TEMPORARY CONSTRUCTION ENTRANCES, RESTORE PAVEMENT AT THIS LOCATION AND INSTALL TOP COURSE PAVEMENT FOR THE ENTIRE SITE.
- REMOVE ALL TEMPORARY EROSION CONTROL MEASURES TO INCLUDE SILT FENCE.
- UPON COMPLETION OF ALL ABOVE ACTIVITIES AND SATISFACTORY ESTABLISHMENT OF VEGETATION ON ALL DISTURBED AREAS, CONTRACTOR TO PERFORM FINAL CLEANING OF THE PROJECT SITE.

STABILIZATION NOTES:

- TEMPORARY VEGETATIVE COVER:
 - SCARIFY COMPACTED SOIL AREAS.
 - LIME AS REQUIRED TO PH 6.5.
 - FERTILIZE WITH 10-10-10 AT RATE 200 LBS/AC.
 - INCORPORATE AMENDMENTS INTO SOIL WITH DISC HARROW.
 - E. SEED AS FOLLOWS:
 - * SPRING/SUMMER/EARLY FALL PLANTING: ANNUAL RYEGRASS AND CEREAL OATS AT 30 LBS/ACRE
 - * LATE FALL/EARLY WINTER PLANTING: AROOSTOOK WINTER RYE AT 100 LBS/AC.
 - MULCH SEEDS WITH 2 TONS OF STRAW PER ACRE. ANCHOR AS NEEDED.
 - DURING WINTER CONSTRUCTION OR PERIODS OF WET WEATHER, TEMPORARY SLOPE STABILIZATION SHALL BE PROVIDED BY EITHER A ROLLED EROSION CONTROL PRODUCT OR A HEAVY MULCH LAYER SUITABLY ANCHORED. THE CONTRACTOR MUST RESEED THE AREA IN THE SPRING WITH THE APPROPRIATE SEEDING.
 - DURING DRY WEATHER CONSTRUCTION, ALL SEEDED AREAS ARE TO BE ADEQUATELY WATERED TO ENSURE VEGETATED COVER.
- PERMANENT VEGETATIVE COVER:
 - GRADE TO FINISHED SLOPES.
 - SCARIFY COMPACTED SOIL AREAS.
 - TOPSOIL WITH NOT LESS THAN FOUR (4) INCHES OF SUITABLE TOPSOIL MATERIAL.
 - LIME AS REQUIRED TO PH 6.5.
 - FERTILIZE WITH 10-6-4 AT RATE 200 LBS/AC.
 - D. SEED AS FOLLOWS:

TYPE I	FOR USE ON MOVED AREAS (INCLUDING SWALES):	SEED	LB/AC	
		KENTUCKY BLUE GRASS	20	
		CREEPING RED FESCUE	28	
		RED TOP RYE GRASS	5	
TYPE II	FOR USE ON BASIN SIDE SLOPES AND ON NON-MOWED AREAS: USE "ERNST-178" SEED MIX (ERNST CONSERVATION SEEDS, LLP) OR EQUIVALENT. SEEDS INCLUDED IN THE MIX ARE LISTED BELOW. APPLICATION RATE 15 LBS/ACRE.			
		GOLDENROD	INDIAN GRASS	OX EYE SUNFLOWER
		BIRD BULBSTEM	VIRGINIA WILD RYE	BLACK EYED SUSAN
		LITTLE BLUESTEM	FOX SEDGE	SOFT RUSH
		FALSE INDIGO	PARTRIDGE PEA	COMMON MILKWEED
		SLICKWOOD	BLUE HERON	WILD BERGMINT
TYPE III	FOR USE ON GREEN ROOFS USE: "NON-NOW COVER MIX" SEED MIX (ERNST CONSERVATION SEEDS, LLP) OR EQUIVALENT. SEEDS INCLUDED IN THE MIX ARE LISTED BELOW. APPLICATION RATE 15 LBS/ACRE.			
		PENNLAWN	CREEPING RED FESCUE	
		"RESOLVE 911"	HARD FESCUE	
		"STONEHENGE"	HARD FESCUE	
			ANNUAL RYEGRASS	

MAINTENANCE PROGRAM:

- PRIOR TO THE DETERMINATION OF A PROJECT CONTRACTOR THE PROJECT APPLICANT SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WITHIN THE PROJECT PROPERTY.
- CONTRACTOR TO DETERMINE THE MAINTENANCE OF ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
- TEMPORARY MEASURES
 - SILT FENCE: SEDIMENTS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN IT BECOMES 0.5 FEET DEEP AT THE FENCE. IT SHOULD ALSO BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS. REPAIR SHALL BE PERFORMED AS NEEDED.
 - SWALES: PROPOSED SWALES ARE USED AS DIVERSION SWALES DURING THE CONSTRUCTION PHASE. THESE SWALES ARE TO BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS. REPAIR SHALL BE PERFORMED AS NEEDED.
 - CONSTRUCTION ENTRANCE: CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. VISUAL INSPECTION SHALL BE PERFORMED DAILY THROUGHOUT THE PROJECT CONSTRUCTION. TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - INLET PROTECTION: INLET PROTECTION SHALL BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS. SEDIMENTS AND DEBRIS SHALL BE REMOVED FROM BEHIND THE FENCE IF PRESENT. REPAIR SHALL BE PERFORMED AS NEEDED.
 - PERMETER DIKE(SWALE): TO BE INSPECTED WEEKLY AND PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECASTED STORM EVENTS FOR SCOUR AND EROSION. REMOVE DEPOSITS OR SEDIMENT OR OTHER OBSTRUCTIONS.
 - WELL POINTS: A RESPONSIBLE OPERATOR CAPABLE OF MAINTAINING THE DEWATERING SYSTEM SHALL BE ON DUTY AT ALL TIMES. REPLACEMENT OF SYSTEM COMPONENTS, TO INCLUDE ONE DIESEL POWERED PUMP SHALL BE AVAILABLE ON THE SITE.

VEHICLE & EQUIPMENT FUELING and WET NOZZLE REPORT:

DESCRIPTION AND PURPOSE

VEHICLE AND EQUIPMENT FUELING PROCEDURES AND PRACTICES ARE DESIGNED TO PREVENT FUEL SPILLS AND LEAKS, AND REDUCE OR ELIMINATE CONTAMINATION OF STORMWATER. THIS CAN BE ACCOMPLISHED BY FUELING IN DESIGNATED AREAS ONLY IMPLEMENTING SPILL CONTROLS AND TRAINING EMPLOYEES AND SUBCONTRACTORS IN PROPER FUELING PROCEDURES.

SUITABLE APPLICATIONS

THESE PROCEDURES ARE SUITABLE ON ALL CONSTRUCTION SITES WHERE VEHICLE AND EQUIPMENT FUELING TAKES PLACE.

LIMITATIONS

ON-SITE VEHICLE AND EQUIPMENT FUELING SHOULD ONLY BE USED WHERE IT IS IMPRACTICAL TO SEND VEHICLES AND EQUIPMENT OFFSITE FOR FUELING.

IMPLEMENTATION

- DISCOURAGE "TOPPING-OFF" OF FUEL TANKS.
- ABSORBENT SPILL CLEANUP MATERIALS AND SPILL KITS SHALL BE AVAILABLE IN FUELING AREAS AND ON FUELING TRUCKS, AND SHOULD BE DISPOSED OF PROPERLY AFTER USE.
- Drip pans or absorbent pads should be used during vehicle and equipment fueling, unless the fueling is performed over an imperviable surface in a dedicated fueling area.
- USE ABSORBENT MATERIALS ON SMALL SPILLS. DO NOT HOSE DOWN OR BURY THE SPILL. REMOVE THE ABSORBENT MATERIALS PROPERLY AND DISPOSE OF PROPERLY.
- Avoid mobile fueling of mobile construction equipment around the site. Rather, transport the equipment to designated fueling areas. WITH THE EXCEPTION OF TRACKED EQUIPMENT SUCH AS BULLDOZERS AND LARGE EXCAVATORS, MOST VEHICLES SHOULD BE ABLE TO TRAVEL TO A DESIGNATED AREA WITH LITTLE TO NO TIRE.
- EMPLOYEES AND SUBCONTRACTORS SHALL BE TRAINED IN PROPER FUELING AND CLEANUP PROCEDURES.
- WHEN FUELING MUST TAKE PLACE OUTSIDE, DESIGNATE AN AREA AWAY FROM DRAINAGE COURSES TO BE USED.
- DEDICATED FUELING AREAS SHOULD BE PROTECTED FROM STORMWATER RUNOFF AND RAINFALL, AND SHOULD BE LOCATED AT LEAST 10 FT AWAY FROM DOWNSTREAM DRAINAGE FACILITIES AND WATERBODIES.
- FUELING MUST BE PERFORMED ON LEVEL-GRADE AREAS.
- PROTECT FUELING AREAS WITH BERRMS AND DICES TO PREVENT RUNOFF, AND TO CONTAIN SPILLS.
- NOZZLE USED IN VEHICLE AND EQUIPMENT FUELING SHOULD BE EQUIPPED WITH AN AUTOMATIC SHUTOFF TO CONTROL DRIPS. FUELING OPERATIONS SHOULD NOT BE LEFT UNATTENDED.
- FEDERAL, STATE, AND LOCAL REQUIREMENTS SHOULD BE OBSERVED FOR ANY STATIONARY ABOVE GROUND STORAGE TANKS.

INSPECTION AND MAINTENANCE

- VEHICLES AND EQUIPMENT SHOULD BE INSPECTED EACH DAY OF USE FOR LEAKS. LEAKS SHOULD BE REPAIRED IMMEDIATELY. OR PROBLEM VEHICLES OR EQUIPMENT SHOULD BE REMOVED FROM THE PROJECT SITE.
- KEEP AMPLI SUPPLIES OF SPILL CLEANUP MATERIALS ON-SITE.
- IMMEDIATELY CLEAN UP SPILLS AND PROPERLY DISPOSE OF CONTAMINATED SOIL AND CLEANUP MATERIALS.

PERMANENT MEASURES

MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
GRASS SWALE 1. DEBRIS CLEANOUT (MONTHLY) 2. CONTRIBUTING AREAS CLEAN OF DEBRIS 3. CHECK DIAMS OR ENERGY DISSIPATORS (ANNUAL, PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECAST MAJOR STORMS) 4. NO EVIDENCE OF FLOW GOING AROUND STRUCTURES 5. NO EVIDENCE OF EROSION AT DOWNSTREAM TOE 6. SOIL PERMEABILITY 7. VEGETATION (MONTHLY) 8. MOWING DONE WHEN NEEDED 9. MINIMUM MOWING DEPTH NOT EXCEEDED 10. NO EVIDENCE OF EROSION AT DOWNSTREAM TOE 11. FERTILIZER WHEN SPECIFICATION 12. DEWATERING (MONTHLY) 13. DEWATERS BETWEEN STORMS 14. SEDIMENT DEPOSITION (ANNUAL) 15. CLEAN OF SEDIMENT 16. OUTLET/OVERFLOW SPILLWAY (ANNUAL) 17. GOOD CONDITION, NO NEED FOR REPAIRS 18. NO EVIDENCE OF EROSION		
GREEN ROOF 1. VISUAL INSPECTION (EVERY 3 MONTHS) 2. VEGETATION VIABILITY (WATER WHEN NECESSARY) 3. SIGN OF WATER DAMAGE 4. MAINTENANCE (EVERY 6 MONTHS) 5. WEEDING OF INVASIVE SPECIES 6. FERTILIZER IF NECESSARY 7. MEMBRANE INSPECTION (REPLACE WHEN NECESSARY)		
VORTICES 1. VISUAL INSPECTION (EVERY 3 MONTHS) 2. SEDIMENT ACCUMULATION 3. LEVEL OF GREASE ON THE WATER SURFACE 4. MAINTENANCE (EVERY 6 MONTHS OR AS ESTABLISHED AFTER FIRST YEAR OF OPERATION) 5. VACUUM WHEN SEDIMENT ACCUMULATES WITHIN 6 INCHES OF THE DRY WEATHER WATER LEVEL 6. SIGN OF EROSION AROUND STRUCTURE 7. OVERALL FUNCTION OF FACILITY IN GOOD CONDITION, NO NEED FOR REPAIR.		
CATCH BASIN / YARD DRAIN / MANHOLE 1. VISUAL INSPECTION (EVERY 3 MONTHS) 2. SEDIMENT ACCUMULATION AT: A) RIM B) SUMP 3. SIGN OF EROSION AROUND STRUCTURE 4. SIGN OF STORMWATER BYPASS 5. MAINTENANCE (EVERY 3 MONTHS) 6. REMOVE SEDIMENT IN SUMP IF GREATER THAN 12" DEEP 7. CLEAR RIM OF DEBRIS AND LEAVES 8. CLEAR DEBRIS IN INLET CHANNEL 9. REPAIR ERODED PORTION OF INLET CHANNEL (IF ANY)		
STORM PIPES 1. INSPECT (ONCE A YEAR AND BEFORE ALL MAJOR FORECASTED STORMS) 2. SLOPE EROSION 3. STORM DRAIN PIPES 4. ENDWALLS/HEADWALLS 5. OTHER (SPECIFY)		
1. STRUCTURAL INTEGRITY 2. SIGN OF CLOGGAGE		
RIP RAP OUTLET PROTECTION 1. CHECK FOR SCOUR AND INTEGRITY 2. REPAIR IF NEEDED		

MAINTENANCE ITEM	SATISFACTORY / UNSATISFACTORY	COMMENTS
STORMWATER POND/WETLAND 1. EMBANKMENT AND EMERGENCY SPILLWAY (ANNUAL, PRIOR TO AND WITHIN 24 HOURS AFTER ALL FORECAST MAJOR STORMS) 2. EMBANKMENT EROSION 3. ANNUAL BURROWS 4. UNAUTHORIZED PLANTING 5. CRACKING, BULGING, OR SLIDING OF DAM 6. UPSTREAM FACE 7. DOWNSTREAM FACE 8. AT OR BEYOND TOE 9. DOWNSTREAM UPLIFTS 10. EMERGENCY SPILLWAY 11. VEGETATION AND CHIMNEY DRAINS CLEAR AND FUNCTIONING 12. SEEPS/LEAKS ON DOWNSTREAM FACE 13. SLOPE PROTECTION OR RIPRAP FAILURE 14. VERTICAL/HORIZONTAL ALIGNMENT OF TOP OF DAM "AS-BUILT" 15. EMERGENCY SPILLWAY CLEAR OF OBSTRUCTIONS AND DEBRIS 16. OTHER (SPECIFY)		
RISER AND PRINCIPAL SPILLWAY (ANNUAL) TYPE: REINFORCED CONCRETE CORRUGATED PIPE MASONRY 1. LOW FLOW GRIFTS OBSTRUCTED 2. LOW FLOW TRASH RACK 3. DEBRIS REMOVAL NECESSARY 4. CORROSION CONTROL 5. WEAR TRASH RACK MAINTENANCE 6. SLOPE PROTECTION, NECESSARY 7. SEDIMENT CONTROL 8. EXCESSIVE SEDIMENT ACCUMULATION INSIDER RISER 9. CONCRETE/MASONRY CONDITION RISER AND BARRELS 10. CRACKS OR DISPLACEMENT 11. MINOR SPALLING ("C") 12. MAJOR SPALLING (REBAR EXPOSED) 13. JOINT FAILURES 14. WATER TIGHTNESS 15. METAL PIPE CONDITION 16. CONTROL VALVE 17. OPERATIONAL/EXERCISED 18. CHAINED AND LOCKED 19. OUTFALL CHANNELS FUNCTIONING 20. OTHER (SPECIFY)		
PERMANENT POOL (WET PONDS) (MONTHLY) 1. UNDESIRABLE VEGETATION GROWTH 2. FLOATING OR FLOATABLE DEBRIS REMOVAL REQUIRED 3. VISIBLE POLLUTION 4. SHORELINE PROBLEM 5. OTHER (SPECIFY)		
SEDIMENT FOREBAYS 1. SEDIMENTATION NOTED 2. SEDIMENT CLEANOUT WHEN DEPTH 2X OF DESIGN DEPTH 3. DRY POND AREAS 4. VEGETATION ADEQUATE 5. UNDESIRABLE VEGETATIVE GROWTH 6. UNDESIRABLE WOODY VEGETATION 7. LOW FLOW CHANNELS CLEAR OF OBSTRUCTIONS 8. STANDING WATER OR WET SPOTS 9. SEDIMENT AND/OR TRASH ACCUMULATION 10. OTHER (SPECIFY)		
CONDITION OF OUTFALLS (ANNUAL, AFTER MAJOR STORMS) 1. RIPRAP FAILURES 2. SLOPE EROSION 3. STORM DRAIN PIPES 4. ENDWALLS/HEADWALLS 5. OTHER (SPECIFY)		
OTHER (MONTHLY) 1. ENCRUSTATION ON POND, WETLAND OR EASEMENT AREA 2. COMPLAINTS FROM RESIDENTS 3. AESTHETICS 4. GRASS GROWING REQUIRED 5. GRAFFITI REMOVAL NEEDED 6. OTHER (SPECIFY)		
WETLAND VEGETATION (ANNUAL) 1. VEGETATION HEALTHY AND GROWING 2. WETLAND MAINTAINING 50% SURFACE AREA COVERAGE OF WETLAND PLANTS AFTER THE SECOND GROWING SEASON. (IF UNSATISFACTORY, REINFORCEMENT PLANTINGS NEEDED) 3. DOMINANT WETLAND PLANTS 4. SURVIVAL OF DESIRED WETLAND PLANT SPECIES 5. DISTRIBUTION ACCORDING TO LANDSCAPING PLAN? 6. EVIDENCE OF INVASIVE SPECIES 7. MAINTENANCE OF ADEQUATE WATER DEPTHS FOR DESIRED WETLAND PLANT SPECIES 8. HARVESTING OF EMERGENT PLANTINGS NEEDED 9. HAVE SEDIMENT ACCUMULATIONS REDUCED POOL VOLUME SIGNIFICANTLY OR ARE PLANTS "CHOKED" WITH SEDIMENT 10. EUTROPHICATION LEVEL OF THE WETLAND 11. OTHER (SPECIFY)		

PUTNAM ENGINEERING PLLC
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(945) 279-6789 FAX (945) 279-6789

PERMANENT TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, 625 ROUTE 9W, SUITE 210, TOWN OF CARMEL, NEW YORK 12026. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FROM THE TOWN OF CARMEL, NEW YORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FROM THE TOWN OF CARMEL, NEW YORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FROM THE TOWN OF CARMEL, NEW YORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FROM THE TOWN OF CARMEL, NEW YORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS FROM THE TOWN OF CARMEL, NEW YORK.

REVISIONS

NO.	DATE	DESCRIPTION
1	12/06/06	ISSUE
2	12/06/06	REVISED PER PER E COMMENTS
3	12/06/06	REVISED PER PER E COMMENTS
4	12/06/06	REVISED PER PER E COMMENTS
5	12/06/06	REVISED PER PER E COMMENTS
6	12/06/06	REVISED PER PER E COMMENTS
7	12/06/06	REVISED PER PER E COMMENTS
8	12/06/06	REVISED PER PER E COMMENTS
9	12/06/06	REVISED PER PER E COMMENTS
10	12/06/06	REVISED PER PER E COMMENTS
11	12/06/06	REVISED PER PER E COMMENTS
12	06/29/10	REVISED PER PER E COMMENTS

TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55-11, BLOCK 1, LOT 15
P.O. BOX 508 BEDFORD NY, 10506
OWNER: 70 OLD ROUTE 6, L.L.C.

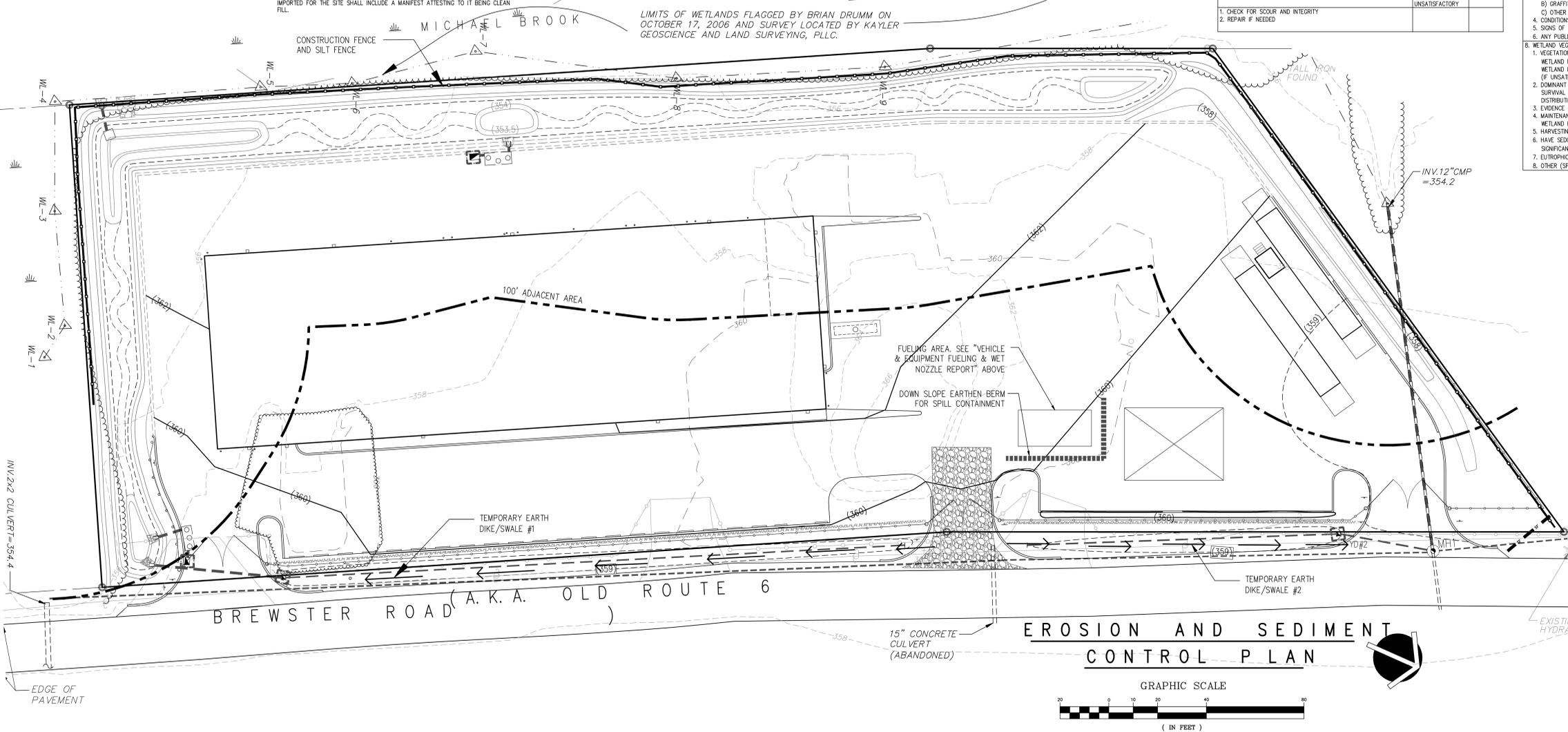
DRAWING

DATE	10/12/06
PROJECT MANAGER	BK
DRAWN BY	BK
CHECKED BY	BK
SCALE	AS NOTED

PROJECT

PROJECT NUMBER	8288
DRAWING NUMBER	C-141

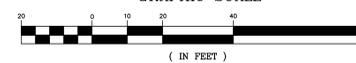
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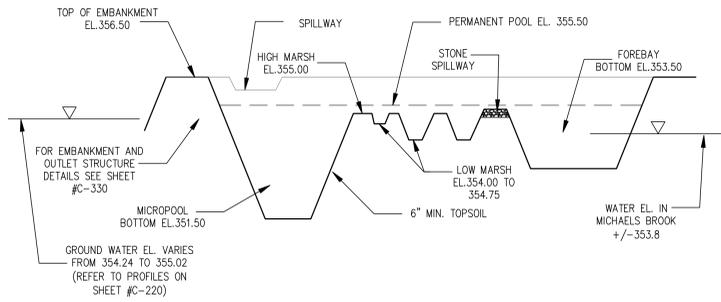


EROSION CONTROL LEGEND:

- - - - - EXISTING CONTOURS
- — — — EXISTING DRAINAGE PIPE
- — — — EXISTING VEGETATION LINE
- ▣ TEMPORARY STAGING AREA
- ▤ STABILIZED CONSTRUCTION ENTRANCE
- ← — — — TEMPORARY SWALE
- — — — LIMIT OF DISTURBANCE
- - - - SF - - - - SILT FENCE
- ▣ CONSTRUCTION FENCE
- ▣ INLET PROTECTION

GRAPHIC SCALE





SCHEMATIC WETLAND PROFILE
N.T.S.

WETLAND PLANTING LEGEND:

WETLAND BUFFER SEED MIX: RIPARIAN BUFFER MIX (ERNMX 178 OR EQUIVALENT) SEEDED AT 15 POUNDS PER ACRE.

SEEDING WILL BE SUPPLEMENTED WITH BARE ROOT PLANT MATERIAL AT SPACING OF 2 FEET ON CENTER AS SHOWN ON PLAN. THE FOLLOWING SPECIES ARE TO BE USED:

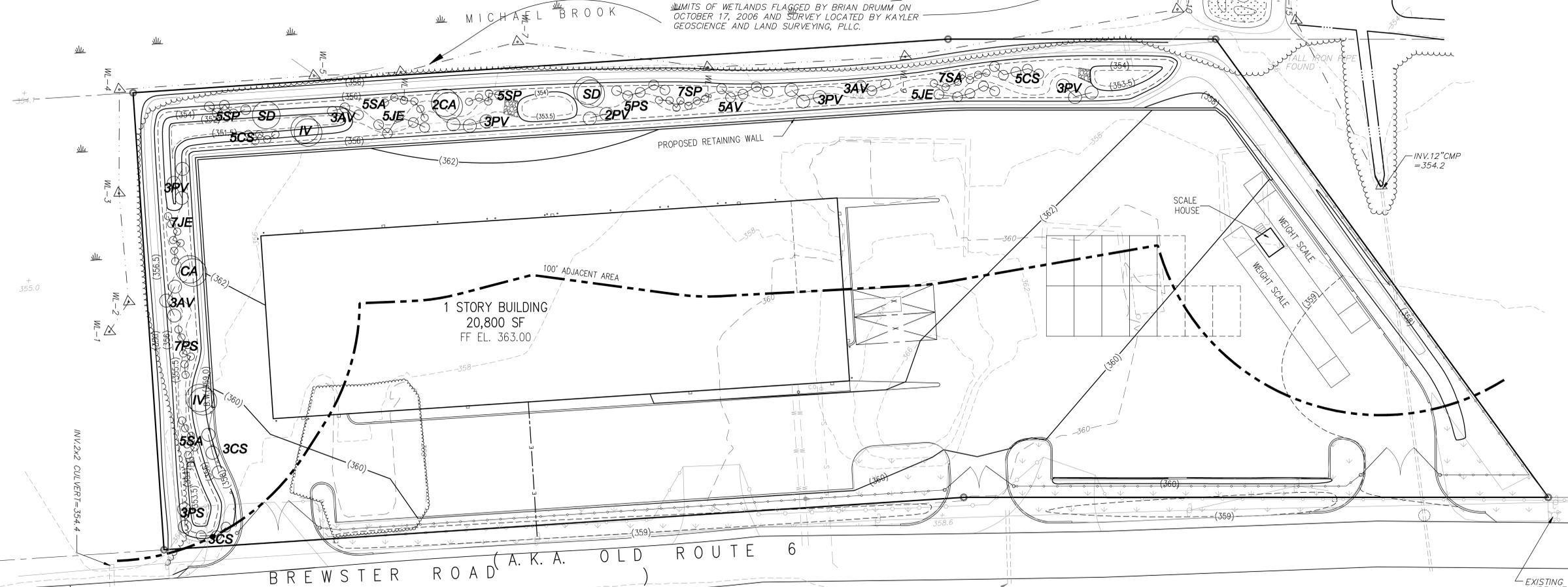
SYMBOL	PLANTINGS	# OF PLANTS	SIZE
CA	CLETHRA ALNIFOLIA (SWEET PEPPERBUSH)	3	2-3 GAL.
SP	SCIRPUS PUNGENS (COMMON THREE-SQUARE)	17	1-2 GAL.
AV	ANDROPOGON VIRGIDICUS (BROOM SEDGE)	14	1-2 GAL.
SA	SCIRPUS ACUTUS (HARDSTEM BULRUSH)	17	1-2 GAL.
IV	ILEX VERTICILLATA (WINTERBERRY HOLLY)	2	2-3 GAL.
PV	PANICUM VIRGATUM (SWITCHGRASS)	14	1-2 GAL.
JE	JUNCUS EFFUSES (SOFT RUSH)	17	1-2 GAL.
PS	POLYGONUM SPP. (SMARTWEED)	15	1-2 GAL.
SD	SALIX DISCOLOR (PUSSY WILLOW)	2	2-3 GAL.
CS	CAREX STRICTA (SEDE)	16	1-2 GAL.

LEGEND

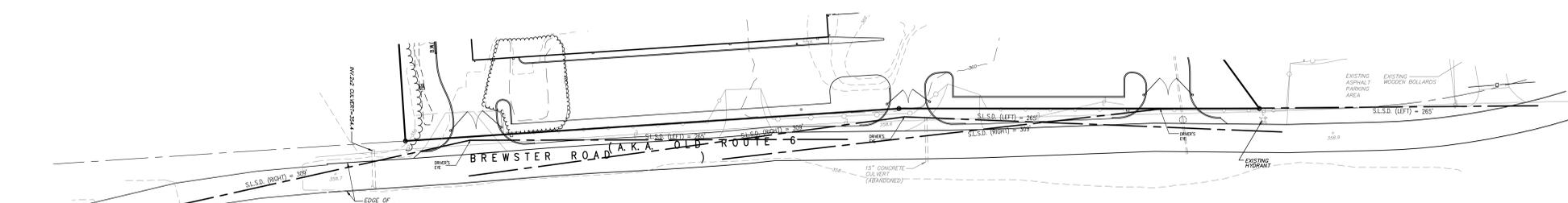
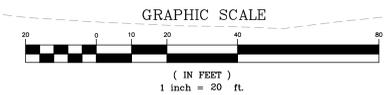
- 490 — EXISTING CONTOURS
- (358) — PROPOSED CONTOURS
- — PROPOSED RETAINING WALL
- — PROPOSED STORMWATER PIPE
- — EXISTING VEGETATION
- — GRASSED AREA (TO BE MOWED)

PLANTING NOTES:

- ALL PLANT MATERIALS SHALL BE NURSERY GROWN, FULLY FORMED AND IN A HEALTHY CONDITION FREE OF INSECTS, PESTS, DISEASE OR DAMAGE AT THE TIME OF INSTALLATION.
- ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN.
- ALL LANDSCAPING SHOWN SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION THROUGHOUT THE DURATION OF THE USE BEING SERVED. PLANTS NOT SO MAINTAINED SHALL BE REPLACED WITH HEALTHY NEW PLANTS OF COMPARABLE SIZE, TYPE AND QUANTITY AT THE BEGINNING OF THE NEXT IMMEDIATELY FOLLOWING GROWING SEASON.
- TOPSOIL ALL DISTURBED AREAS WITH NOT LESS THAN FOUR (4) INCHES OF SUITABLE TOPSOIL MATERIAL.
- SEED DISTURBED AREAS IN ACCORDANCE WITH THE SLOPE STABILIZATION NOTES ON DRAWING #C-140.



LANDSCAPING PLAN



SIGHT DISTANCE PLAN

LINE OF SIGHT COMPUTATIONS

CALCULATION BASED ON "POLICY ON GEOMETRIC DESIGN OF HIGHWAYS & STREETS" AASHTO

$SSD = 1.47 \cdot V^2 \cdot (1 + T_a)$

DESIGN SPEED $V = 30$ MPH

$T_a = 4$ (left) $T_a = 5$ (right) $J = 2$

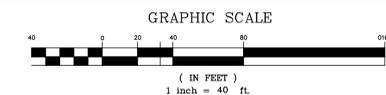
NORTHBOUND - LEVEL (LESS THAN 0.1% SLOPE)

SOUTHBOUND - LEVEL (LESS THAN 0.1% SLOPE)

S.L.S.D. (LEFT) = $1.47 \cdot 30^2 \cdot (2+4) = 265'$

S.L.S.D. (RIGHT) = $1.47 \cdot 30^2 \cdot (2+5) = 309'$

LANDSCAPING AND SIGHT DISTANCE PLAN



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P. FINAL DRAWING FILE 2006

NO.	DATE	DESCRIPTION
1	12/06/06	PRELIMINARY SUBMISSION
2	12/22/06	REVISION FOR PERMITS
3	12/22/06	REVISION FOR PERMITS
4	12/22/06	REVISION FOR PERMITS
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11	12/22/06	REVISION FOR PERMITS
12	12/22/06	REVISION FOR PERMITS

TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CANAHE
PUTNAM COUNTY, NEW YORK
TAX MAP NO. 35.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD, N.Y. 10506

DATE: 10/12/08
PROJECT MANAGER: []
DRAWN BY: []
CHECKED BY: []
SCALE: []
AS NOTED

LANDSCAPE AND SIGHT DISTANCE PLAN

PROJECT NUMBER: 8288
DRAWING NUMBER: C-150
SHEET 8 OF 15

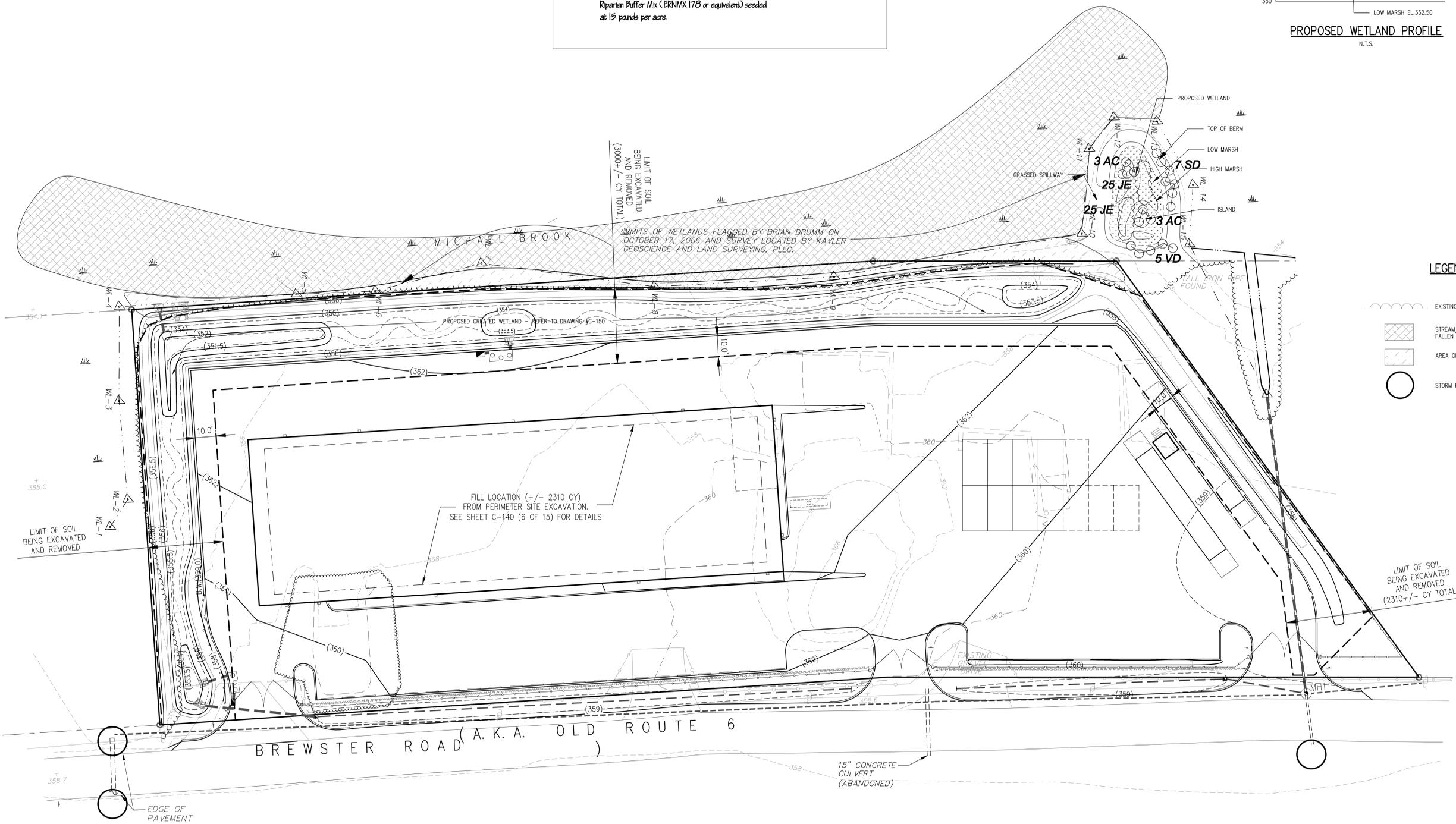
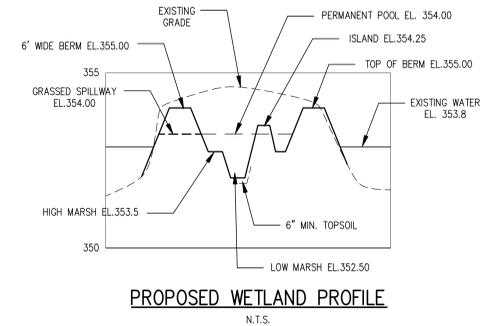
Wetland and Buffer Restoration Notes:

1. The wetland and stream corridor adjacent to Michael's Brook will be cleared of debris and fallen trees to restore flow.
2. The small peninsula area of historic debris in the northwest portion of the site will be cleared, cleaned out and re-graded as an extension of the wetland area, as shown on the plan. Shrubs and herbaceous material will be added as shown and the area over-seeded with ERNMX-157 Wetland Mix for Shaded OBL / FACW Areas or equivalent at 15 lbs/acre.
3. Any invasive plant species will be removed from wetland adjacent areas by hand without use of mechanical devices.
4. Existing culverts under Old Route 6 will be cleared and normal flow restored.

Plant List for Wetland Buffer Enhancement Areas

ID	Scientific Plant Name	Common Plant Name Qty	Root	Size
Trees				
AC	Amelanchier canadensis	Shadblow	6	caned 5-gal
Shrubs				
SD	Salix discolor	Pussy willow	7	caned 3-gal.
VD	Viburnum dentatum	Arrowwood	5	caned 3-gal.
Herbaceous species				
JE	Juncus effusus	Soft rush	50	2" plug

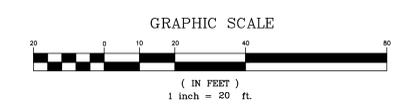
Wetland buffer seed mix
 Riparian Buffer Mix (ERNMX 178 or equivalent) seeded at 15 pounds per acre.



LEGEND

- EXISTING VEGETATION
- STREAM/WETLAND AREA TO BE CLEANED OF FALLEN TREES AND POLES
- AREA OF SELECTIVE VEGETATION REMOVAL
- STORM PIPE INVERT TO BE CLEANED

WETLAND BUFFER ENHANCEMENT PLAN & SOIL EXCAVATION AND FILL PLAN



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3	12/06/07	REVISED PER P.E. COMMENTS
4	12/06/07	REVISED PER P.E. COMMENTS
5	12/06/07	REVISED PER P.E. COMMENTS
6	02/29/08	REVISED PER NYSDEC
7	04/07/08	REVISED PER NYSDEC
8	04/07/08	REVISED PER NYSDEC
9	04/07/08	REVISED PER NYSDEC
10	05/19/08	REVISED PER NYSDEC
11	05/19/08	REVISED PER NYSDEC
12	08/28/08	REVISED PER NYSDEC

TOMPKINS RECYCLING FACILITY
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
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 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

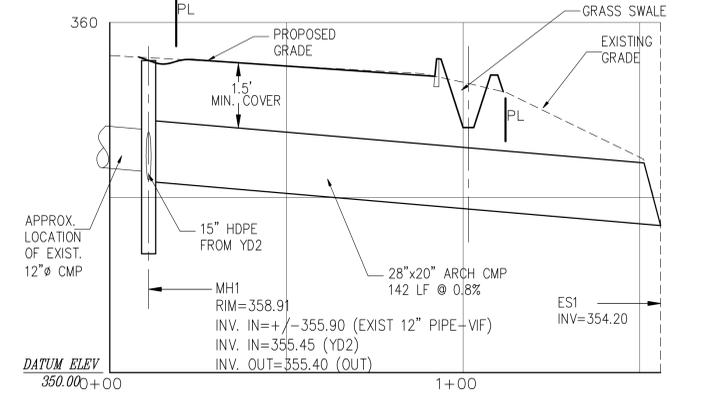
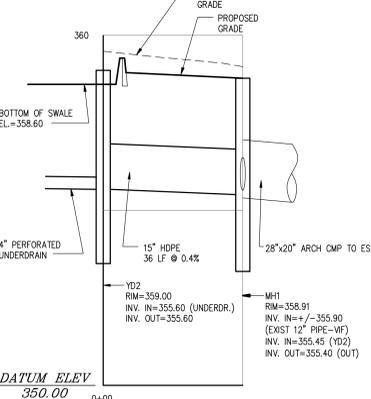
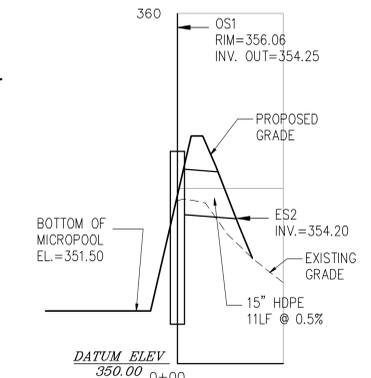
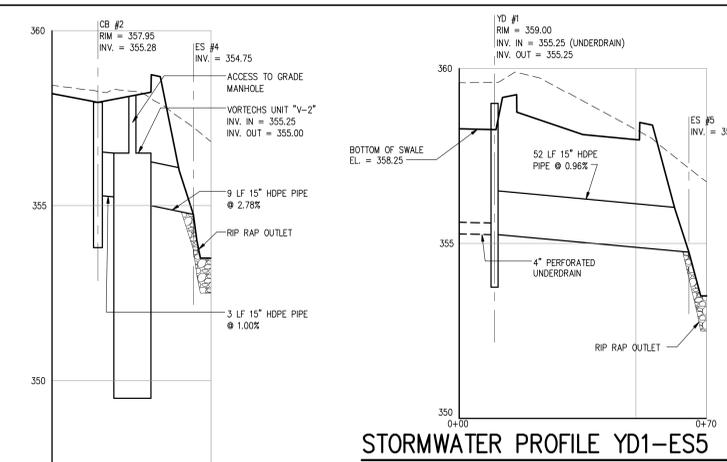
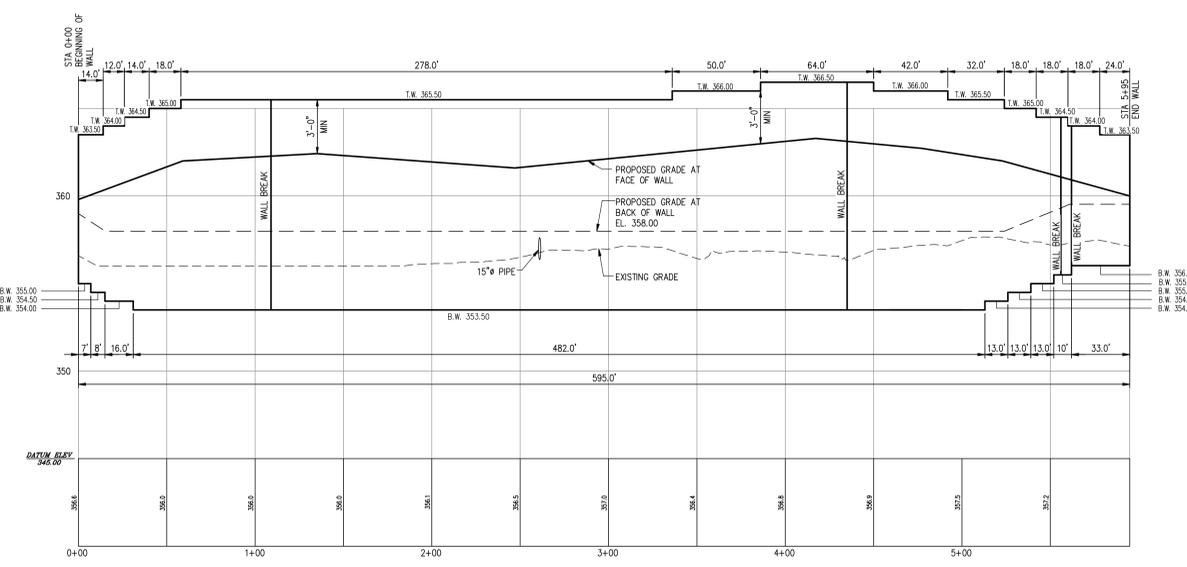
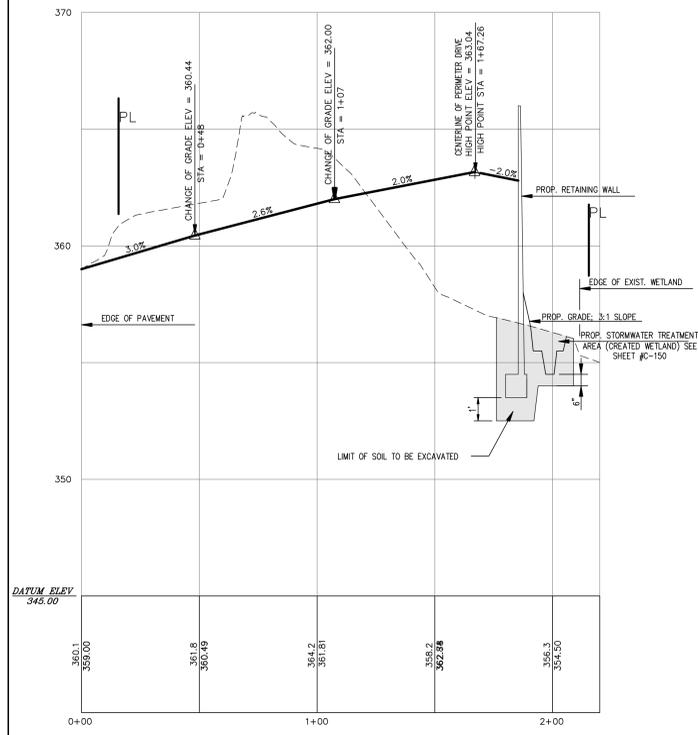
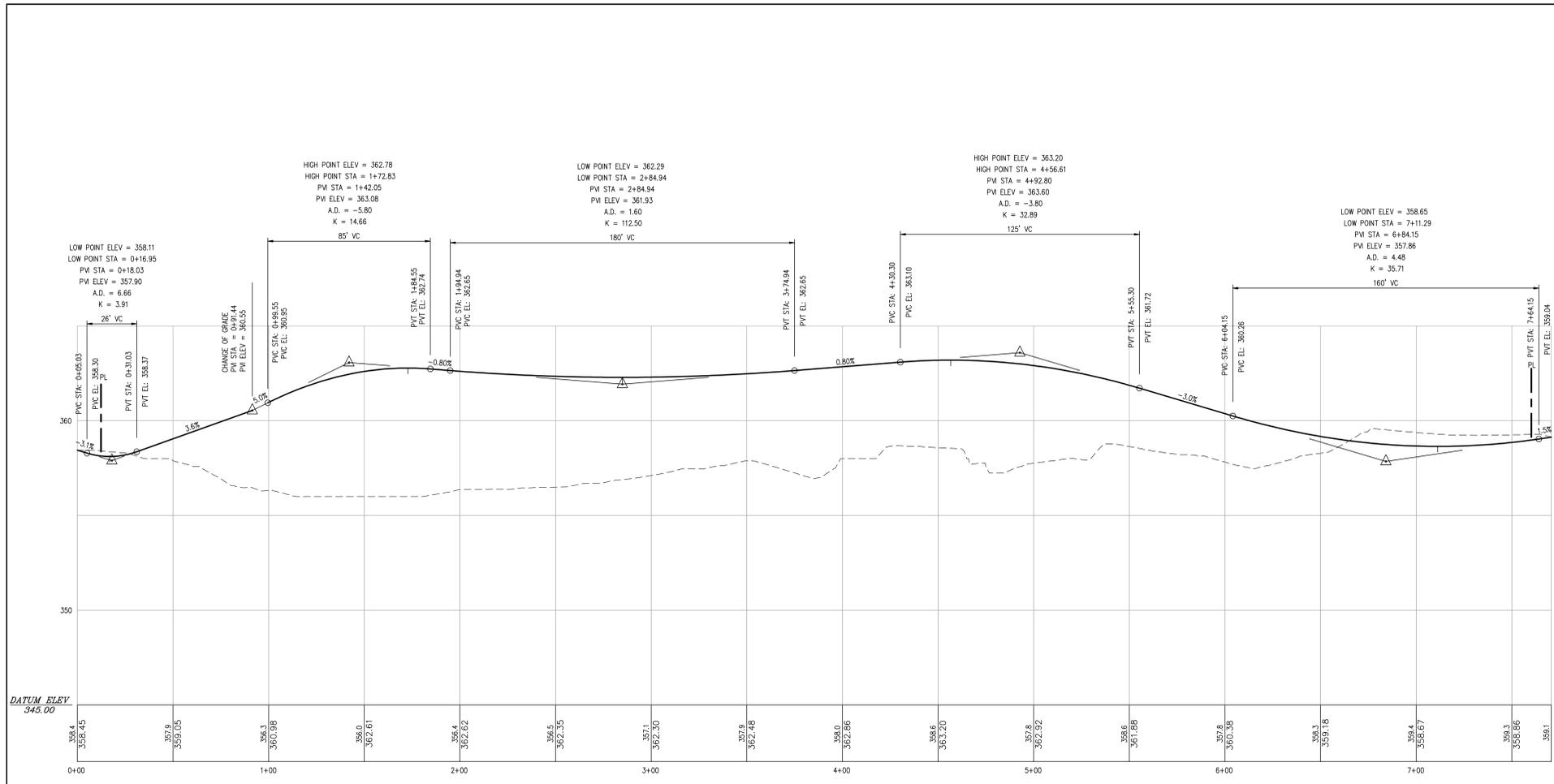
DATE: 10/12/08
 PROJECT MANAGER: BK
 DRAWN BY: BCK
 CHECKED BY: PNL
 SCALE: AS NOTED

WETLAND BUFFER ENHANCEMENT PLAN & SOIL EXCAVATION AND FILL PLAN

PROJECT NUMBER: 8288
 DRAWING NUMBER:

C-160

SHEET 9 OF 15



PUTNAM ENGINEERING, LLC
 ENGINEERS - ARCHITECTS
 4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
 (845) 279-6789 FAX (845) 279-6789
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3	02/02/09	REVISED PER P.E. COMMENTS
4	02/02/09	REVISED PER P.E. COMMENTS
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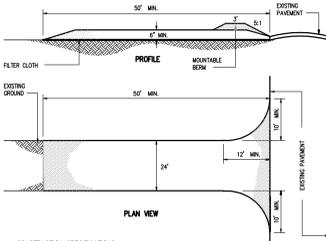
TOMPKINS RECYCLING FACILITY
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 60 OLD ROUTE 6
 TOWN OF CARBON
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
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PROFILES

DATE: 10/12/08
 PROJECT: 60 OLD ROUTE 6
 DRAWN BY: BK
 CHECKED BY: RCK
 SCALE: AS SHOWN

PROJECT NUMBER: 6286
 DRAWING NUMBER: C-210

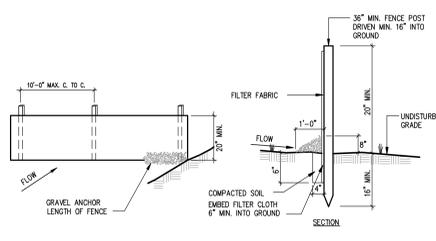
SHEET 10 OF 15



CONSTRUCTION SPECIFICATIONS:

- STONE SET - USE 2" STONE OR EQUIVALENT.
- CONCRETE - NOT LESS THAN 3000 PSI (30 MPa) COMPRESSIVE STRENGTH. ALL CONCRETE SHALL BE REINFORCED WITH #4 BARS AT 12" ON CENTER.
- THICKNESS - NOT LESS THAN 6" (150 MM) FOR CURB AND 8" (200 MM) FOR SIDEWALK.
- WEAR - NOT LESS THAN 1/4" (6.35 MM) AT POINTS WHERE WHEELS AND TIRE TREADS CONTACT.
- FINISH - NOT LESS THAN 1/4" (6.35 MM) DEPTH OF FINISH AREA FROM TOE OF CURB TO 12" (300 MM) FROM EXTERIOR EDGE.
- GRASS SEEDING - SEED WITH PERENNIAL RYE GRASS @ 40 LBS/AC. STABILIZATION FROM NOVEMBER 1 THROUGH MARCH 31 SHALL BE BY A ROLLED EROSION CONTROL PRODUCT OR MAY BE HYDROSEEDING WITH WINTER RYE WITH A HEAVY MULCH LAYER. RESEED STOCKPILE IN SPRING AS NOTED ABOVE.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLUING OF SEDIMENT INTO ADJACENT PAVED AREAS. ALL SEDIMENT SHALL BE REMOVED OR TRAGED ON PUBLIC RIGHTS-OF-WAY.
- INSPECTION - WHEN INSPECTION IS REQUIRED, IT SHALL BE DONE IN AN AREA STABILIZED WITH STONE AND MULCH SPREAD INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.

1 STABILIZED CONSTRUCTION ENTRANCE DETAIL
C-310 N.T.S.



CONSTRUCTION NOTES FOR SILT FENCE:

- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

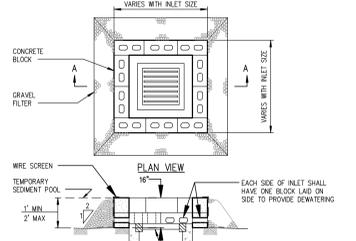
POSTS: STEEL EITHER "1" OR "1/2" TYPE OR 2" HARDWOOD

FILTER CLOTH: FILTER X, MIRAFL 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOTAF, ENVROFENCE OR APPROVED EQUAL

EACH SIDE OF INLET SHALL HAVE ONE BLOCK LAD IN SIDE TO PROVIDE DEWATERING

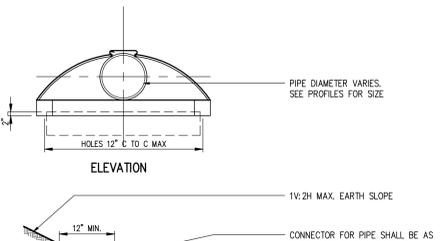
2 SILT FENCE DETAIL
C-310 N.T.S.



CONSTRUCTION SPECIFICATIONS:

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
- HARDWARE CLOTH OR 1/2 INCH WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONES.
- USE CLEAN STONE OR GRAVEL 1/2"-3/4" INCH IN DIAMETER PLACED 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLAT.
- SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

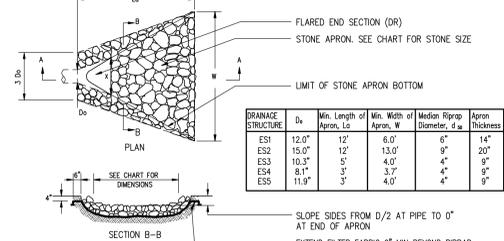
3 STONE & BLOCK DROP INLET PROTECTION DETAIL
C-310 N.T.S.



CONSTRUCTION SPECIFICATIONS:

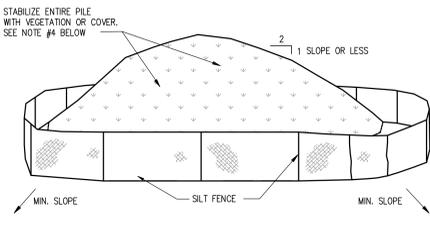
- SPACING MAY VARY AS PER MANUFACTURER'S RECOMMENDATIONS. MAXIMUM SPACING IS 8'-0".
- JOIN CONSTRUCTION FENCE SECTIONS BY OVERLAPPING END STAKES.
- INSPECT AND REPAIR PERIODICALLY TO MAINTAIN THE INTEGRITY OF THE CONSTRUCTION AREA.

4 END SECTION DETAIL
C-310 N.T.S.



DRAINAGE STRUCTURE	Ds	Min. Length of Apron, Ld	Min. Width of Apron, W	Median Riprap Diameter, d50	Apron Thickness
ES1	12.0'	12'	6.0'	6"	14"
ES2	15.0'	12'	13.0'	6"	20"
ES3	10.3'	5'	4.0'	4"	8"
ES4	8.1'	3.7'	4.0'	4"	9"
ES5	11.9'	4.0'	4.0'	4"	9"

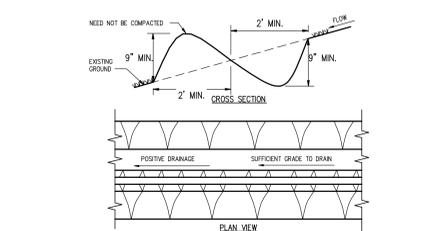
5 RIP-RAP OUTLET PROTECTION DTL.
C-310 N.T.S.



INSTALLATION NOTES:

- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING.
- SPRING/SUMMER/FALL SEEDING: SEED WITH PERENNIAL RYE GRASS @ 40 LBS/AC. STABILIZATION FROM NOVEMBER 1 THROUGH MARCH 31 SHALL BE BY A ROLLED EROSION CONTROL PRODUCT OR MAY BE HYDROSEEDING WITH WINTER RYE WITH A HEAVY MULCH LAYER. RESEED STOCKPILE IN SPRING AS NOTED ABOVE.
- SEE SILT FENCE DETAIL FOR SILT FENCE INSTALLATION SPECIFICATIONS.

6 TOPSOIL STOCKPILE DETAIL
C-310 N.T.S.

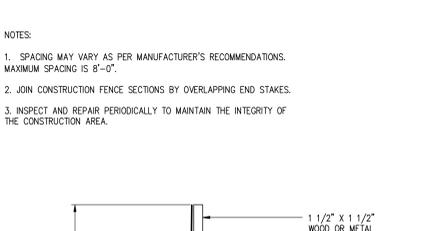


CONSTRUCTION SPECIFICATIONS:

- ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
- THE SWALE SHALL BE EXCAVATED OR SHARPED TO LINE GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
- STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR TEMPORARY SEEDING AND MULCHING, AND SHALL BE DONE WITHIN 10 DAYS.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

MAX. DRAINAGE AREA LIMIT: 2 ACRES

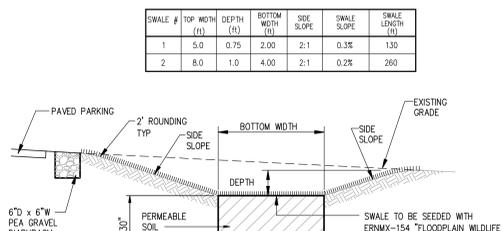
7 PERIMETER DIKE/SWALE DTL
C-310 N.T.S.



CONSTRUCTION FENCE DETAIL

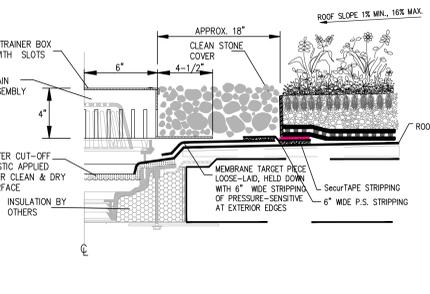
3'-0" height, 1 1/2" x 1 1/2" wood or metal stakes, orange construction fence attached to stakes per manufacturer's specifications (TYP), and undisturbed earth.

9 CONSTRUCTION FENCE DETAIL
C-310 N.T.S.

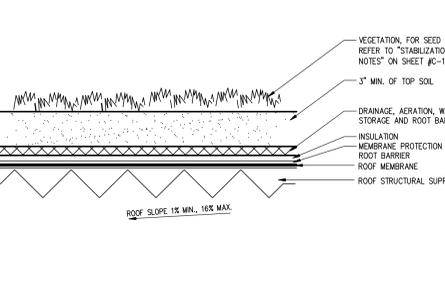


SWALE #	TOP WIDTH (ft)	DEPTH (ft)	BOTTOM WIDTH (ft)	SIDE SLOPE	SWALE SLOPE	SWALE LENGTH (ft)
1	5.0	0.75	3.00	2:1	0.3%	130
2	8.0	1.0	4.00	2:1	0.2%	260

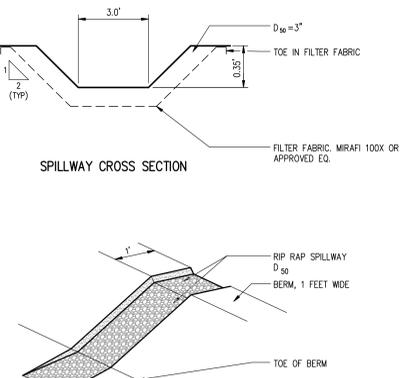
10 PERMANENT DRY SWALE DTL
C-310 N.T.S.



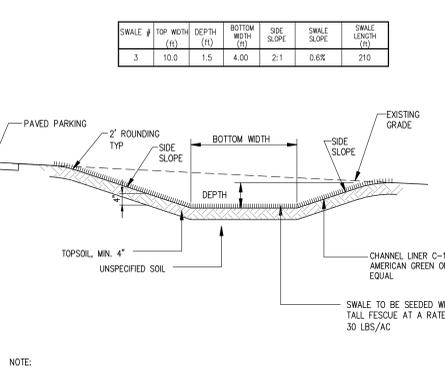
11 ROOF DRAIN DETAIL
C-310 N.T.S.



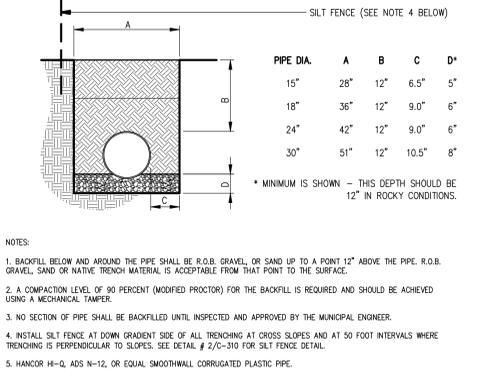
12 GREEN ROOF DETAIL
C-310 N.T.S.



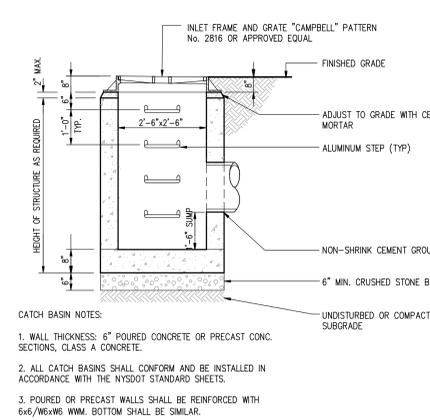
13 RIP RAP SPILLWAY DETAILS
C-310 N.T.S.



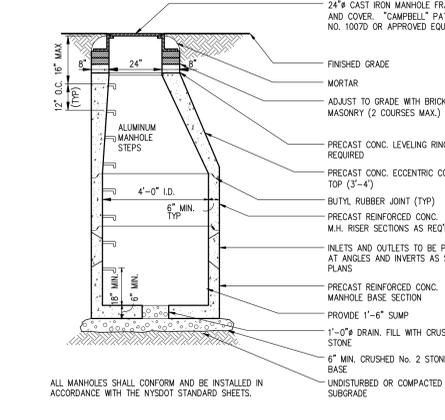
13A PERMANENT GRASS SWALE DTL
C-310 N.T.S.



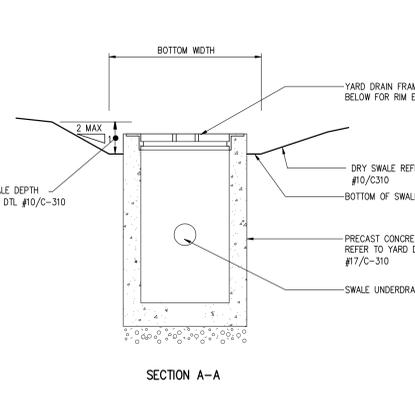
14 STORM DRAIN TRENCH DETAIL
C-310 N.T.S.



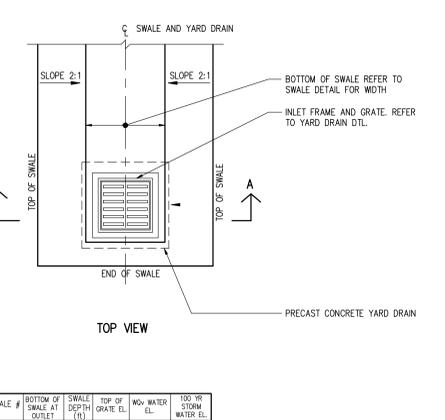
14A CATCH BASIN DETAIL
C-310 N.T.S.



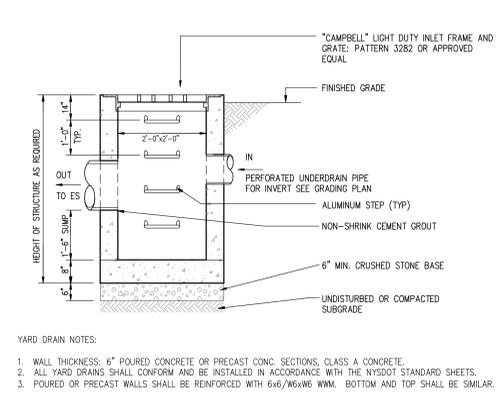
15 DRAINAGE MANHOLE DETAIL
C-310 N.T.S.



16 YARD DRAIN IN SWALE DETAIL
C-310 N.T.S.



17 YARD DRAIN DETAIL
C-310 N.T.S.



17 YARD DRAIN DETAIL
C-310 N.T.S.

PUTNAM ENGINEERING
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6789

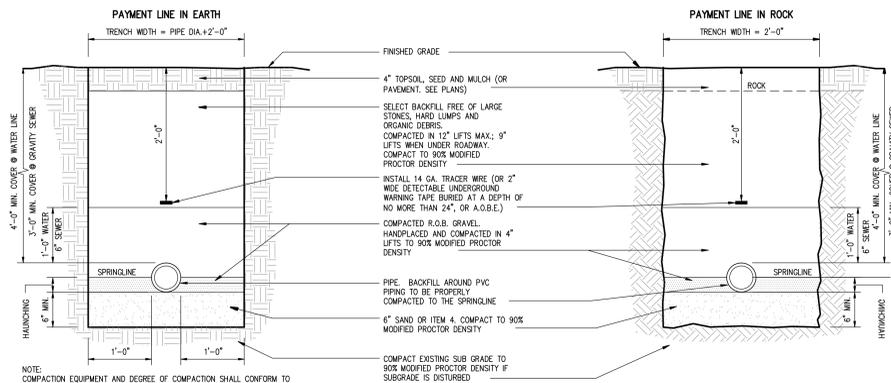
PERMIT TO NEW YORK STATE
JOB NO. 2024 SUBMISSION 2.11.25
DESIGNER: PUTNAM ENGINEERING
HE IS AUTHORIZED TO SIGN AND SEAL
ALTER AN ITEM IN ANY WAY IF AN ITEM
IS NOT SPECIFICALLY IDENTIFIED BY
DATE, THE ALTERING ENGINEER SHALL
INITIAL, DATED BY THE DATE OF SUCH
ALTERATION, AND THE DATE OF SUCH
HIS SIGNATURE AND THE DATE OF SUCH
DESCRIPTION OF THE ALTERATION -
NO. 2024 SUBMISSION 2.11.25

REVISION NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	11/07/07	ISSUED FOR APPROVAL	13	12/05/10	REV. DEC. SUBMISSION
2	11/07/07	ISSUED FOR APPROVAL	14	1/07/11	REV. PER P.E. COMMENTS
3	11/07/07	ISSUED FOR APPROVAL	15	02/29/12	REV. PER NYSDEC
4	11/07/07	ISSUED FOR APPROVAL	16	02/29/12	REV. PER NYSDEC
5	11/07/07	ISSUED FOR APPROVAL	17	04/10/12	DEC. SUBMISSION
6	11/07/07	ISSUED FOR APPROVAL	18	05/15/12	REV. PER NYSDEC
7	11/07/07	ISSUED FOR APPROVAL	19	05/15/12	REV. PER NYSDEC
8	11/07/07	ISSUED FOR APPROVAL	20	05/19/14	REVISION FOR FEMA MAP
9	11/07/07	ISSUED FOR APPROVAL	21	12/09/16	REVISION FOR FEMA REVISION
10	11/07/07	ISSUED FOR APPROVAL	22	12/22/17	REVISION FOR FEMA REVISION

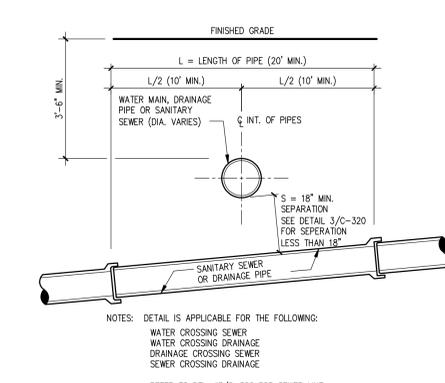
TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARROLL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

PROJECT
DATE: 10/12/06
PROJECT MANAGER: BK
DRAWN BY: BDK
CHECKED BY: PNL
SCALE: AS SHOWN
AS NOTED

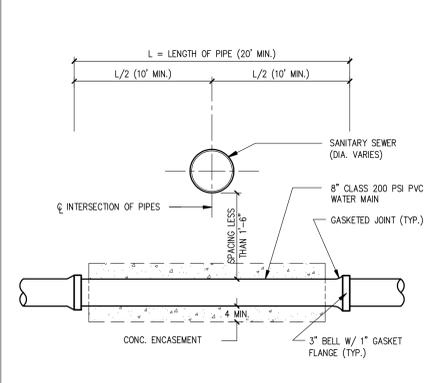
DETAILS
DRAWING PROJECT NUMBER: 8288
DRAWING NUMBER: C-310
SHEET 12 OF 15



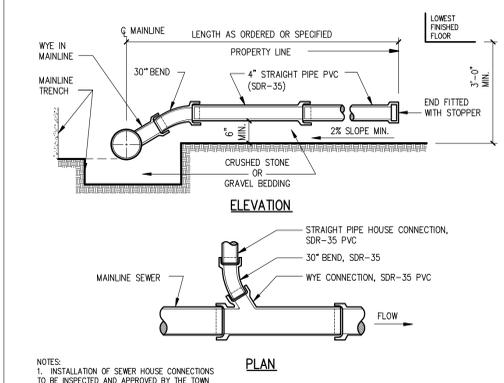
1 UTILITY TRENCH DETAILS
C-320 N.T.S.



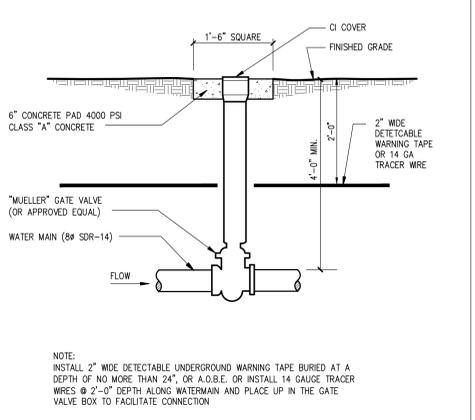
2 UTILITY PIPE CROSSING DETAIL
C-320 N.T.S. SEPARATION GREATER THAN OR EQUAL TO 18"



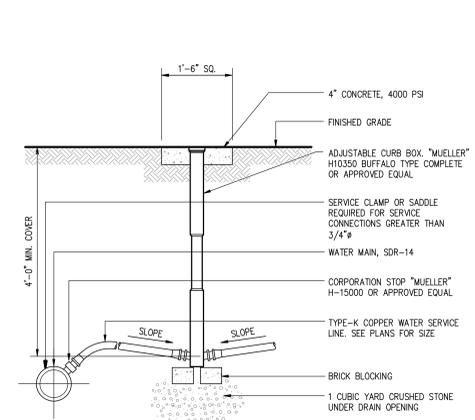
3 UTILITY CROSSING DETAIL
C-320 N.T.S. SEPARATION LESS THAN 18"



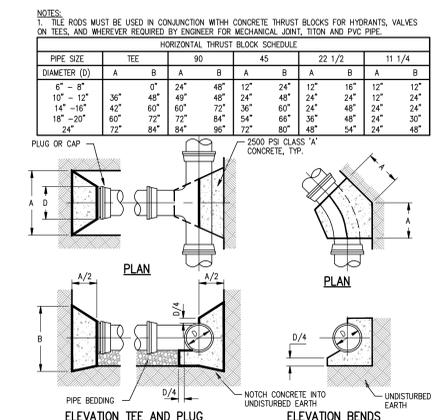
4 SEWER SERVICE CONNECTION DTL.
C-320 N.T.S.



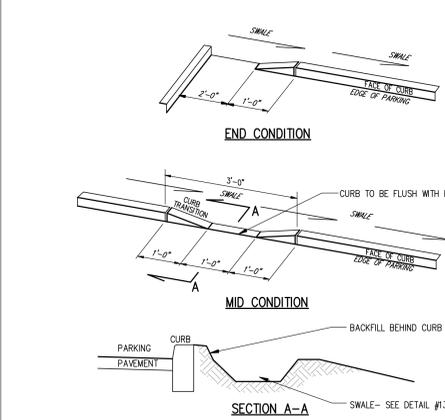
5 WATER VALVE DETAIL
C-320 N.T.S.



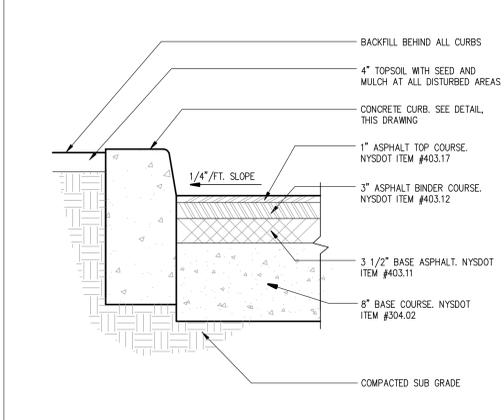
6 WATER SERVICE CONNECTION DETAIL
C-320 N.T.S.



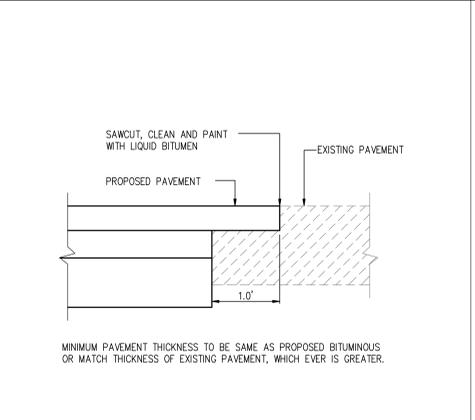
7 HORIZONTAL THRUST BLOCK DETAILS
C-320 N.T.S.



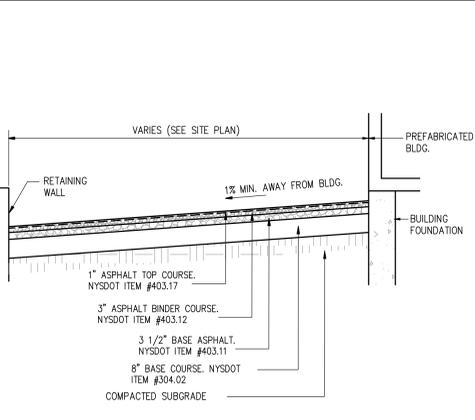
8 CURB BREAK DETAIL
C-320 N.T.S.



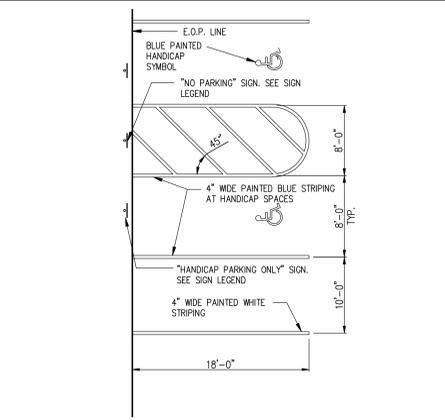
9 PAVEMENT DETAIL
C-320 N.T.S.



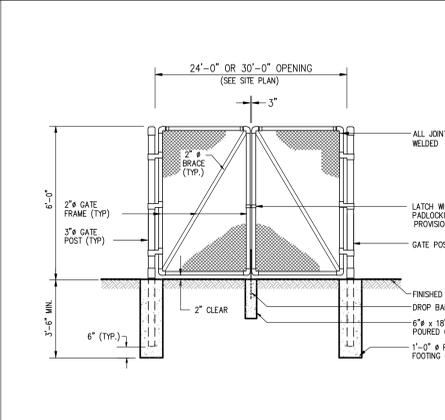
10 PAVEMENT MATCH TREATMENT DETAIL
C-320 N.T.S.



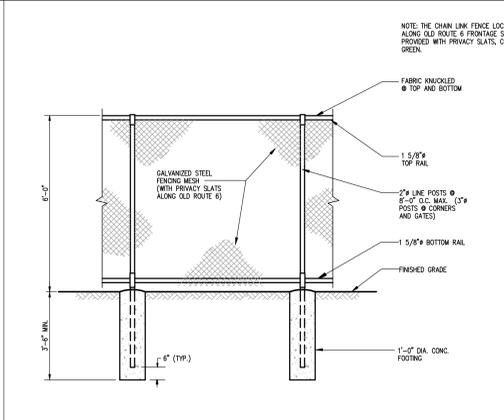
11 YARD/ DRIVEWAY DETAIL
C-320 N.T.S.



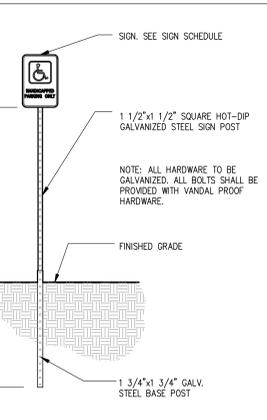
12 HANDICAPPED PARKING DETAIL
C-320 N.T.S.



13 CHAIN LINK GATE DETAIL
C-320 N.T.S.



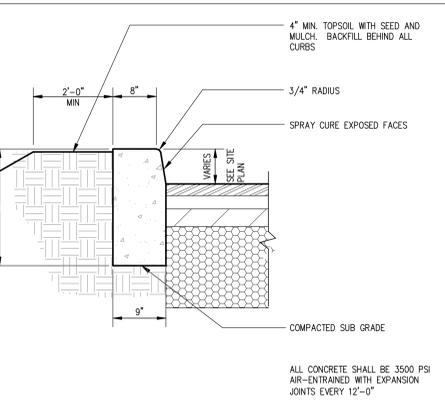
14 CHAIN LINK FENCE DETAIL
C-320 N.T.S.



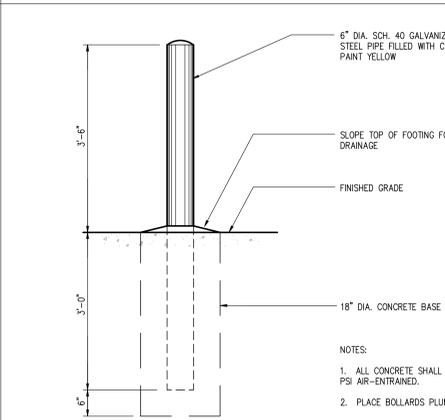
15 TRAFFIC SIGN DETAIL
C-320 N.T.S.

LOC. NO.	TEXT NO.	SIGN	N.Y.S.D.O.T. M.U.T.C.D. #	SIZE	DESCRIPTION
-	1	STOP	R1-1	18"x18"	WHITE LETTERS RED BACKGROUND.
-	2	RESERVED PARKING	R7-8	12"x18"	GREEN LETTERS BLUE SYMBOL WHITE BACKGROUND
-	3	DO NOT ENTER	R3-15	18"x18"	WHITE LETTERS RED BACKGROUND.
-	4	ONE WAY	R6-2	12"x16"	BLACK LETTERS BLACK SYMBOL WHITE BACKGROUND.
-	5	ONLY	R3-5	12"x18"	BLACK SYMBOL BLACK LETTERS WHITE BACKGROUND.
-	6	NO PARKING	P7-1	12"x18"	RED LETTERS RED SYMBOL WHITE BACKGROUND

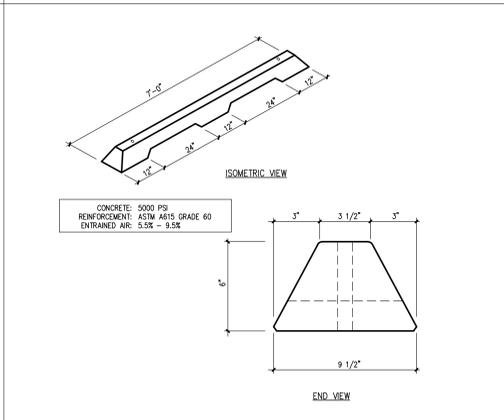
LOC. NO.	TEXT NO.	SIGN	N.Y.S.D.O.T. M.U.T.C.D. #	SIZE	DESCRIPTION
-	7	CAUTION	-	18"x18"	RED LETTERS WHITE BACKGROUND.
-	8	PRIVATE PROPERTY	-	12"x18"	BLACK LETTERS WHITE BACKGROUND.
-	9	TRUCK ENTRANCE ONLY	-	18"x18"	BLACK LETTERS WHITE BACKGROUND.
-	10	CAR ENTRANCE ONLY	-	18"x18"	BLACK LETTERS WHITE BACKGROUND.
-	11	RESERVED PARKING	-	24"x24"	BLACK LETTERS BLACK SYMBOLS WHITE BACKGROUND.



16 CONCRETE CURB DETAIL
C-320 SCALE: 3/4"=1'-0"



17 BOLLARD DETAIL
C-320 N.T.S.



18 PRECAST CONC. WHEEL STOP DETAIL
C-320 N.T.S.

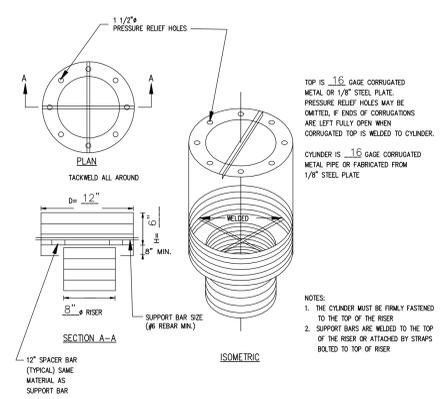
PUTNAM ENGINEERING, INC.
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6789

PERMIT TO NEW YORK STATE FOR 2004 SUBMISSION 2-11 IS A VARIATION OF THE ORIGINAL PERMIT. THE ORIGINAL PERMIT IS BEING UNDER THE DIRECTION OF THE TOWN ENGINEER. ANY ALTERATION TO THE ORIGINAL PERMIT SHALL BE APPROVED BY THE TOWN ENGINEER. THE ORIGINAL PERMIT IS BEING UNDER THE DIRECTION OF THE TOWN ENGINEER. ANY ALTERATION TO THE ORIGINAL PERMIT SHALL BE APPROVED BY THE TOWN ENGINEER.

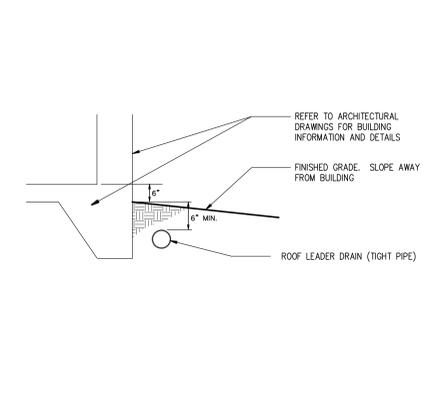
REVISIONS	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	11/17/07	ADD PERM. COMMENTS	13	12/05/06	DEP. DEC. SUBMISSION
2	12/05/06	REVISED PER P.E. COMMENTS	14	12/07/07	PERM. DEC. SUBMISSION
3	02/28/08	REVISED PER P.E. COMMENTS	15	02/28/08	REVISED PER P.E. COMMENTS
4	02/28/08	REVISED PER P.E. COMMENTS	16	02/28/08	REVISED PER P.E. COMMENTS
5	02/28/08	REVISED PER P.E. COMMENTS	17	04/10/08	DEP. DEC. SUBMISSION
6	04/10/08	REVISED PER P.E. COMMENTS	18	04/10/08	REVISED PER P.E. COMMENTS
7	04/10/08	REVISED PER P.E. COMMENTS	19	04/10/08	REVISED PER P.E. COMMENTS
8	04/10/08	REVISED PER P.E. COMMENTS	20	05/19/08	REVISED PER P.E. COMMENTS
9	05/19/08	REVISED PER P.E. COMMENTS	21	05/19/08	REVISED PER P.E. COMMENTS
10	05/19/08	REVISED PER P.E. COMMENTS	22	05/19/08	REVISED PER P.E. COMMENTS
11	05/19/08	REVISED PER P.E. COMMENTS	23	05/19/08	REVISED PER P.E. COMMENTS
12	05/19/08	REVISED PER P.E. COMMENTS	24	05/19/08	REVISED PER P.E. COMMENTS

TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARLETON
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

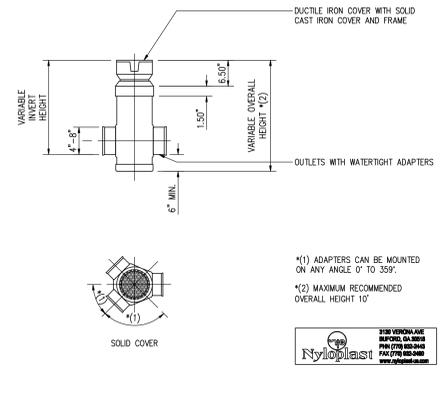
DATE: 10/12/08
PROJECT NUMBER: 8288
DRAWING NUMBER: C-320
SHEET 13 OF 15



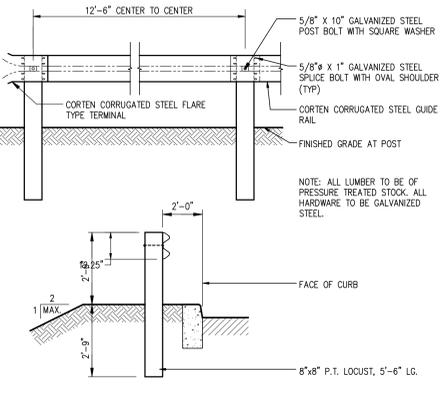
1 TEMPORARY TRASH RACK DETAIL
C-330 N.T.S.



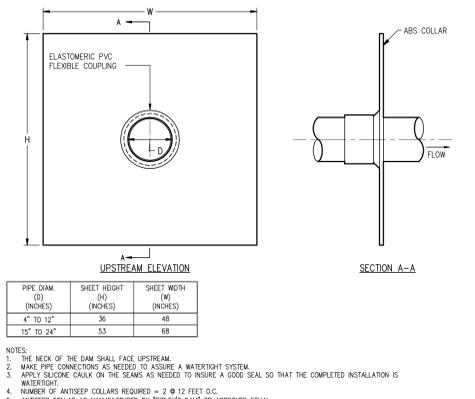
2 TYPICAL DRAIN DETAIL
C-330 N.T.S.



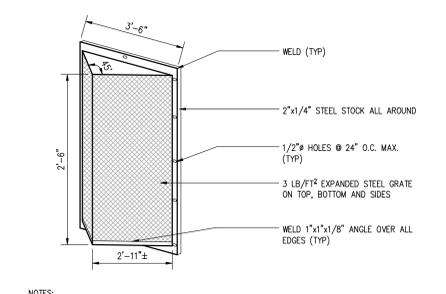
3 DRAIN BASIN W/SOLID COVER DTL
C-330 N.T.S.



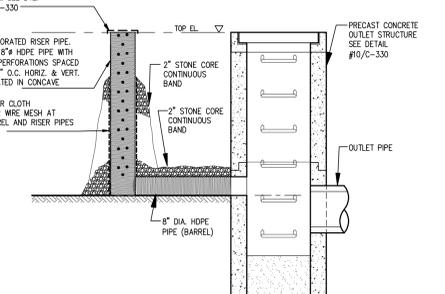
4 BEAM TYPE GUIDE RAIL DETAIL
C-330 N.T.S.



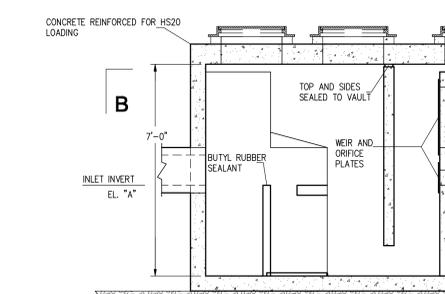
5 ANTI-SEEPAGE COLLAR DETAIL
C-330 N.T.S.



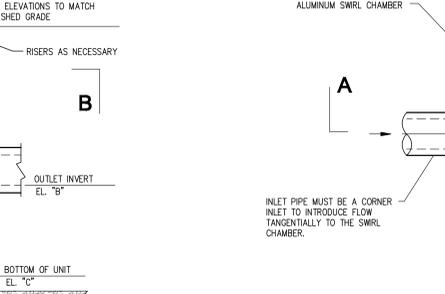
6 TRASH RACK PROTECTION DETAIL
C-330 N.T.S.



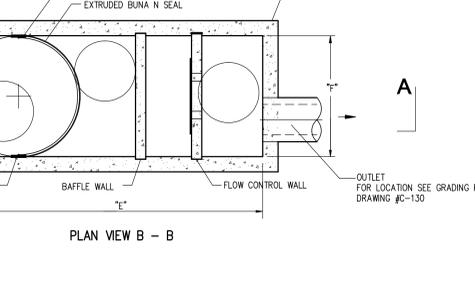
7 TEMPORARY OUTLET STRUCTURE DETAIL
C-330 N.T.S.



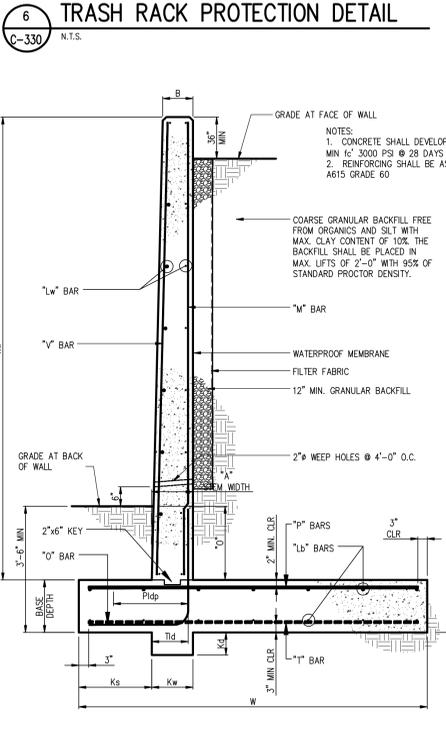
8 VORTECHS UNIT DETAIL
C-330 N.T.S.



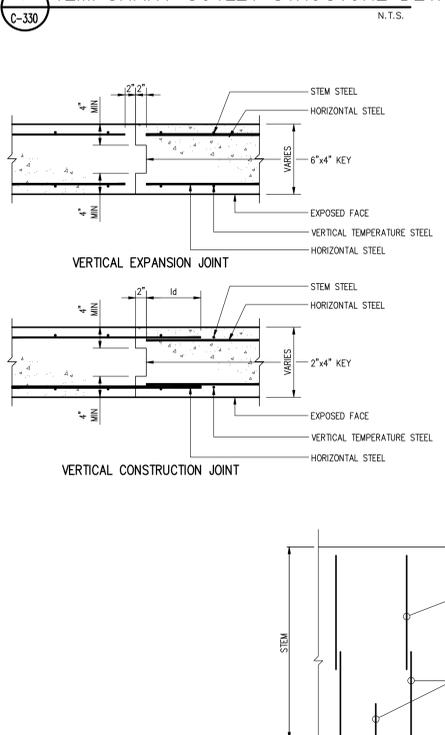
9 TYPICAL DETENTION POND BERM SECTION
C-330 N.T.S.



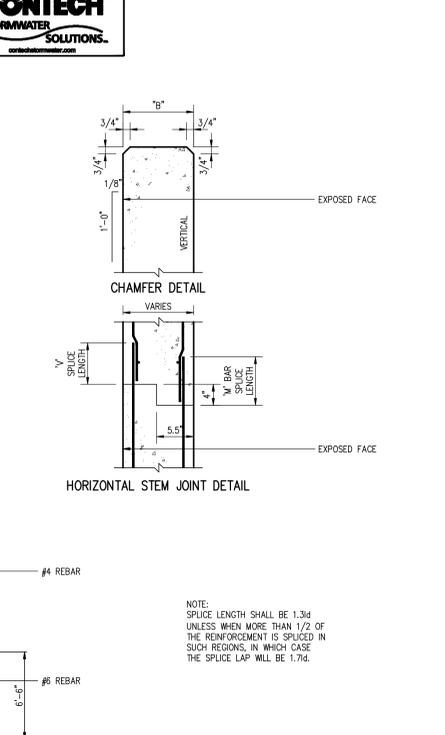
10 PERMANENT OUTLET STRUCTURE DETAIL
C-330 N.T.S.



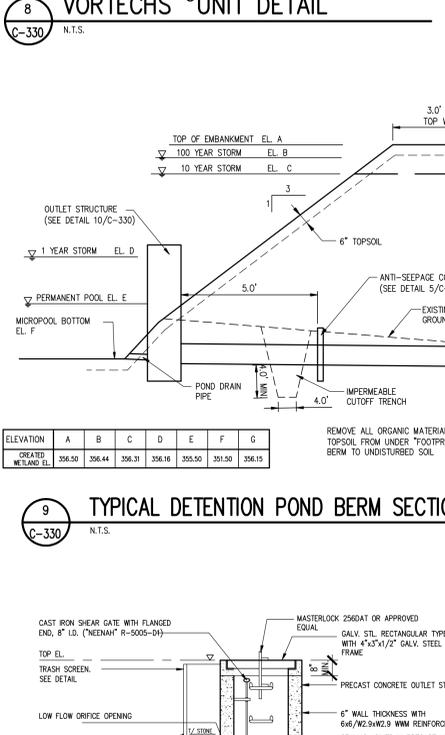
11 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.



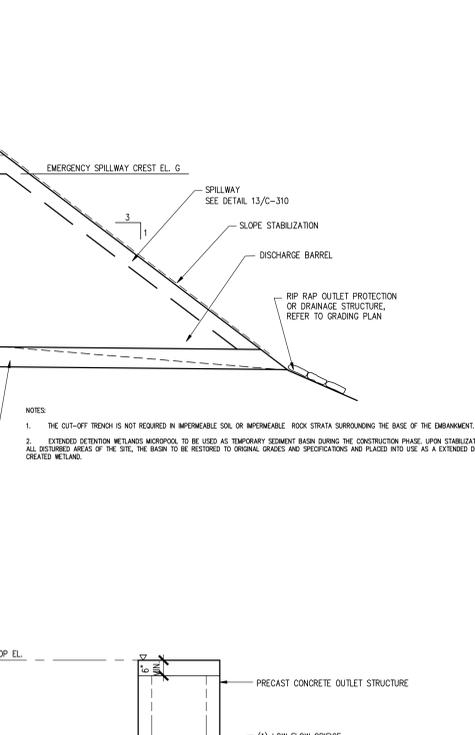
12 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.



13 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.



14 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.



15 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.

MAX. HEIGHT ABOVE BASE	WIDTH OF WALL	HEEL	BASE	TOE	BASE DEPTH	KEY	STEM REINFORCEMENT	BASE REINFORCEMENT	HORIZ. JOINT SPICE OF V. & M. BARS	VERT. JOINT SPICE
6'-0"	9' / 9"	1'-7"	3'-6"	1'-2"	9'	1'-2"	9'	9'	1'-4"	1.3d
10'-0"	10' / 9"	2'-10"	5'-6"	1'-10"	10'	1'-10"	10'	12'	1'-4"	1.3d

MAX. HEIGHT ABOVE BASE	WIDTH OF WALL	HEEL	BASE	TOE	BASE DEPTH	KEY	STEM REINFORCEMENT	BASE REINFORCEMENT	HORIZ. JOINT SPICE OF V. & M. BARS	VERT. JOINT SPICE
6'-0"	9' / 9"	1'-7"	3'-6"	1'-2"	9'	1'-2"	9'	9'	1'-4"	1.3d
10'-0"	10' / 9"	2'-10"	5'-6"	1'-10"	10'	1'-10"	10'	12'	1'-4"	1.3d

MAX. HEIGHT ABOVE BASE	WIDTH OF WALL	HEEL	BASE	TOE	BASE DEPTH	KEY	STEM REINFORCEMENT	BASE REINFORCEMENT	HORIZ. JOINT SPICE OF V. & M. BARS	VERT. JOINT SPICE
6'-0"	9' / 9"	1'-7"	3'-6"	1'-2"	9'	1'-2"	9'	9'	1'-4"	1.3d
10'-0"	10' / 9"	2'-10"	5'-6"	1'-10"	10'	1'-10"	10'	12'	1'-4"	1.3d

MAX. HEIGHT ABOVE BASE	WIDTH OF WALL	HEEL	BASE	TOE	BASE DEPTH	KEY	STEM REINFORCEMENT	BASE REINFORCEMENT	HORIZ. JOINT SPICE OF V. & M. BARS	VERT. JOINT SPICE
6'-0"	9' / 9"	1'-7"	3'-6"	1'-2"	9'	1'-2"	9'	9'	1'-4"	1.3d
10'-0"	10' / 9"	2'-10"	5'-6"	1'-10"	10'	1'-10"	10'	12'	1'-4"	1.3d

MAX. HEIGHT ABOVE BASE	WIDTH OF WALL	HEEL	BASE	TOE	BASE DEPTH	KEY	STEM REINFORCEMENT	BASE REINFORCEMENT	HORIZ. JOINT SPICE OF V. & M. BARS	VERT. JOINT SPICE
6'-0"	9' / 9"	1'-7"	3'-6"	1'-2"	9'	1'-2"	9'	9'	1'-4"	1.3d
10'-0"	10' / 9"	2'-10"	5'-6"	1'-10"	10'	1'-10"	10'	12'	1'-4"	1.3d

11 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.

12 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.

13 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.

14 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.

15 TYPICAL RETAINING WALL DETAIL
C-330 N.T.S.

PUTNAM ENGINEERING
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6789

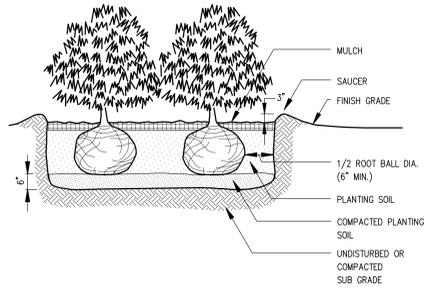
PERMANENT TO NEW YORK STATE
2294 SHERBORN 2.71 IS A VARIATION
OF THE ORIGINAL DRAWING. THE
DATE OF THE ORIGINAL DRAWING IS
11/17/06. THE DATE OF THIS
ALTERATION IS 11/17/06. THE
REASON FOR THE ALTERATION IS
TO CORRECT THE DRAWING TO
REFLECT THE CHANGES MADE BY
THE ARCHITECT. THE ARCHITECT'S
NOTATION, "ALTERED BY PUTNAM
ENGINEERING AND ARCHITECTS",
IS SHOWN AND THE DATE OF SUCH
ALTERATION IS 11/17/06. THE
DESCRIPTION OF THE ALTERATION IS
"CORRECTED TO REFLECT THE
CHANGES MADE BY THE ARCHITECT".

REV. NO.	DATE	DESCRIPTION
1	11/17/06	ISSUED FOR PERM. SUBMISSION
2	11/17/06	ISSUED FOR PERM. SUBMISSION
3	11/17/06	ISSUED FOR PERM. SUBMISSION
4	11/17/06	ISSUED FOR PERM. SUBMISSION
5	11/17/06	ISSUED FOR PERM. SUBMISSION
6	11/17/06	ISSUED FOR PERM. SUBMISSION
7	11/17/06	ISSUED FOR PERM. SUBMISSION
8	11/17/06	ISSUED FOR PERM. SUBMISSION
9	11/17/06	ISSUED FOR PERM. SUBMISSION
10	11/17/06	ISSUED FOR PERM. SUBMISSION
11	11/17/06	ISSUED FOR PERM. SUBMISSION
12	11/17/06	ISSUED FOR PERM. SUBMISSION

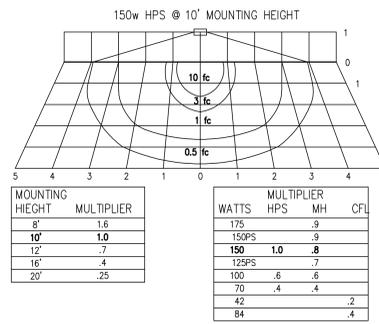
TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARBARI
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: .70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

DATE: 10/12/06
PROJECT: 06-001
PROJECT MANAGER: BK
DRAWN BY: BK
CHECKED BY: BK
SCALE: AS SHOWN

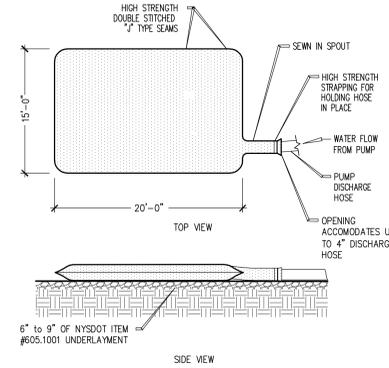
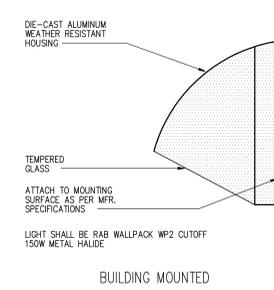
DETAILS
PROJECT NUMBER: 8288
DRAWING NUMBER: C-330
SHEET 14 OF 15



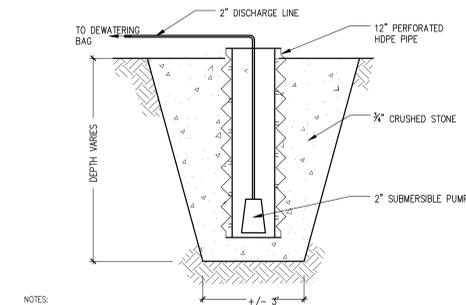
1 SHRUB PLANTING DETAIL
C-340 N.T.S.



2 SITE LIGHTING DETAILS
C-340 N.T.S.

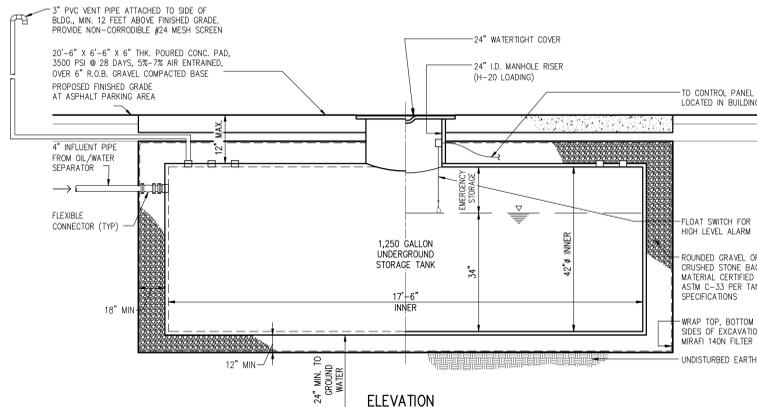


3 DEWATERING BAG DETAIL
C-340 N.T.S.



- NOTES:
- CONTRACTOR SHALL INSTALL 2" SUBMERSIBLE ELECTRIC PUMPS IN EACH WELL POINT AND PROVIDE HOSE AS REQUIRED TO DISCHARGE ALL EXTRACTED GROUNDWATER INTO DEWATERING BAG SILT CONTROL SYSTEM.
 - THE CONTRACTOR SHALL PROVIDE A CONTINUOUS ELECTRIC SUPPLY TO MAINTAIN UNINTERRUPTED DEWATERING THROUGHOUT WALL AND WEILAND CONSTRUCTION.
 - CONTRACTOR SHALL REPLACE DEWATERING BAG AS REQUIRED TO MAINTAIN TURBID FREE DISCHARGE THROUGHOUT DEWATERING OPERATIONS. CONTRACTOR SHALL REMOVE FULL SILT BAGS AND DISPOSE THEM AT INDICATED LOCATION.
 - UPON COMPLETION OF WALL CONSTRUCTION AND BACKFILL, THE CONTRACTOR SHALL REMOVE THE SUBMERSIBLE PUMPS AND ABANDON WELL POINTS IN PLACE BY CUTTING OFF ALL PIPES A MIN. 2" BELOW FINISHED GRADE AND BACKFILLING.

4 WELL POINT DETAIL
C-340 N.T.S.

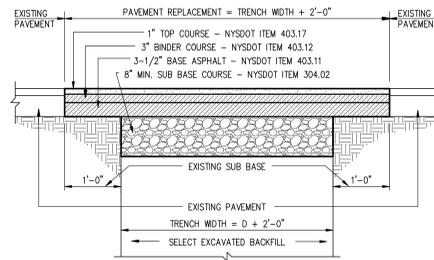


- NOTES:
- INSTALLATION TO CONFORM TO MANUFACTURER'S AND NYSDEC REQUIREMENTS.
 - 1,250 GALLON 42" DIA. DOUBLE WALL STEEL TANK #ACT-100-U AS MANUFACTURED BY FRED BURROK CO. INC. OR EQUAL. TANK TO BE DESIGNED FOR AASHTO H-20 LOADING.
 - HIGH WATER SWITCH MAY BE HUNG FROM A STAINLESS STEEL BRACKET ATTACHED TO THE RISER PIPE.
 - THE CONTROL WIRING SHALL BE MADE DIRECTLY TO THE CONTROL PANEL TO BE LOCATED INSIDE BUILDING WITH AUDIBLE ALARM AND FLASHING LIGHT.
 - SAFETY LADDERS TO BE WELDED TO TANK FOR CATHODIC PROTECTION OF PRIMARY TANK INTERIOR AND THE EXTERNAL SURFACE OF THE OUTER SHELL.
 - THE INTERSTITIAL SPACE SHALL BE ELECTRONICALLY MONITORED FOR TIGHTNESS. THE WIRING SHALL BE MADE DIRECTLY TO THE CONTROL PANEL WITH AUDIBLE ALARM AND FLASHING LIGHT.

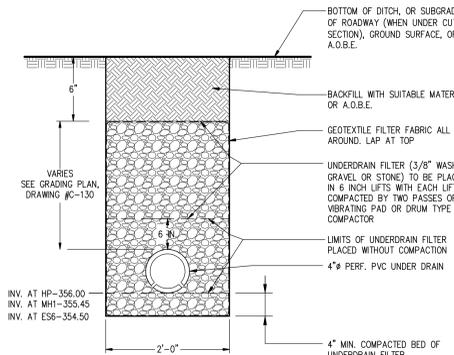
OPERATING ELEVATIONS

ELEVATION OF FLOAT BASED ON DEPTH OF WATER IN TANK	ELEVATION
FINISHED GRADE @ RISER	362.33
TOP OF TANK	361.33
HIGH LEVEL ALARM	360.66
BOTTOM OF TANK	357.83
GROUNDWATER	355.00

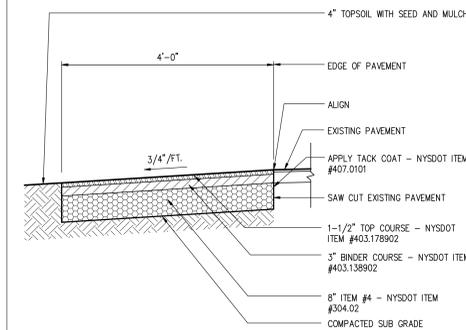
5 1,250 GALLON LEACHATE STORAGE TANK DETAIL
C-340 N.T.S.



6 PAVEMENT RESTORATION DETAIL at OLD ROUTE 6
C-340 N.T.S.



7 UNDERDRAIN DETAIL
C-340 N.T.S.



8 SHOULDER WIDENING DETAIL
C-340 N.T.S.

PUTNAM ENGINEERING, LLC
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6789
PUNAM ENGINEERING FILE 2006

PERMIT TO NEW YORK STATE
FOR SUBMISSION 2. IT IS A VIOLATION
IF THE CONTRACTOR ALTERS THE DIRECTION OF
OR ALTERS IN ANY MANNER ANY ITEM
ALTERED, THE ALTERING ENGINEER SHALL
NOTATION, DATED BY FOLLOWED BY
HIS SIGNATURE AND DATE OF SUCH
DESCRIPTION OF THE ALTERATION.

REVISIONS	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
1	11/07/07	ADDED BIA APPROVAL	13	12/06/06	DEP. DEC. SUBMISSION
2	11/07/07	REVISED PER P.E. COMMENTS	14	1/07/07	PREL. SUBMISSION
3	11/07/07	REVISED PER P.E. COMMENTS	15	02/27/07	REVISED PER NYSDEC
4	11/07/07	REVISED PER P.E. COMMENTS	16	02/27/07	REVISED PER NYSDEC
5	11/07/07	REVISED PER P.E. COMMENTS	17	04/10/07	DEC. SUBMISSION
6	11/07/07	REVISED PER P.E. COMMENTS	18	05/07/07	REVISED PER NYSDEC
7	11/07/07	REVISED PER P.E. COMMENTS	19	05/07/07	REVISED PER NYSDEC
8	11/07/07	REVISED PER P.E. COMMENTS	20	05/19/07	REVISED PER FEMA MAP
9	11/07/07	REVISED PER P.E. COMMENTS	21	12/09/06	REVISED PER FEMA MAP
10	11/07/07	REVISED PER P.E. COMMENTS	22	12/09/06	REVISED PER FEMA MAP
11	05/17/07	REVISED PER P.E. COMMENTS	23	12/09/06	REVISED PER FEMA MAP
12	02/28/07	REVISED PER P.E. COMMENTS	24	12/09/06	REVISED PER FEMA MAP

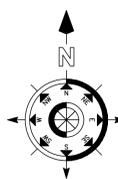
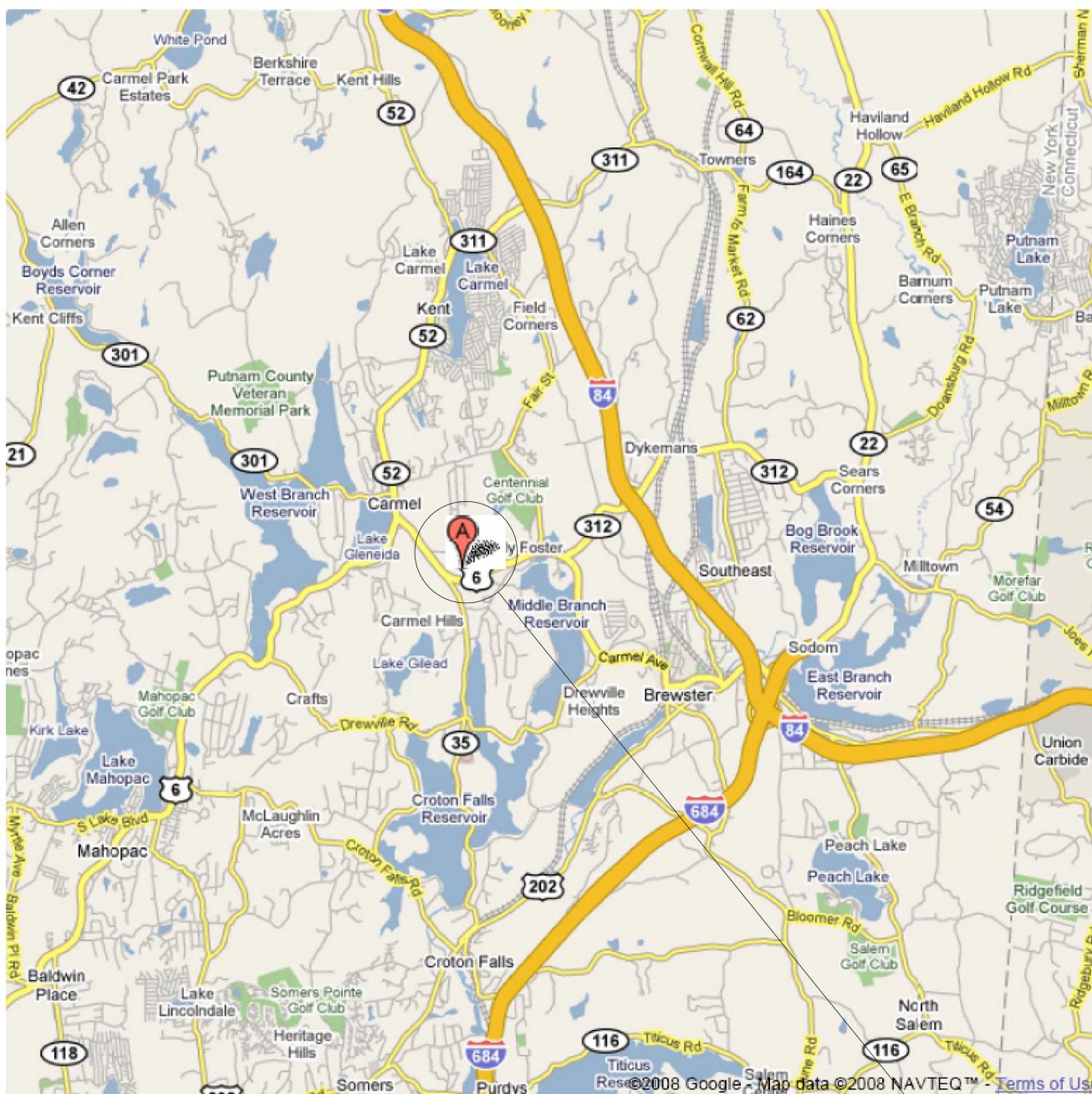
PROJECT
TOMPKINS RECYCLING FACILITY
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

DATE 10/12/06
PROJECT MANAGER BK
DRAWN BY BCK
CHECKED BY PNL
SCALE AS NOTED

DRAWING
PROJECT NUMBER 8288
DRAWING NUMBER

C-340

SHEET 15 OF 15



REGIONAL MAP
Scale: 1" = 1.5 Miles

PROJECT SITE

PERMIT TO NEW YORK STATE
2008 SUBMISSION 2, IT IS A VIOLATION
OF THE PROFESSIONAL ENGINEERING
LAW IF ANY PERSON WHOSE NAME IS
HEREON SET FORTH AS HAVING PREPARED
OR ASSISTED IN THE PREPARATION OF
THIS DRAWING, OR ANY PART THEREOF,
HAS NOT BEEN DULY LICENSED BY THE
STATE OF NEW YORK AS AN ENGINEER.
DESCRIPTION OF THE VIOLATION:

REVISIONS	DATE	DESCRIPTION
0	08/25/08	DEC SUBMISSION
1	05/05/10	DEC SUBMISSION
2	12/06/10	DEC SUBMISSION
3	06/1/11	DEC SUBMISSION
4	02/25/12	DEC SUBMISSION
5	04/10/12	DEC SUBMISSION

TOMPKINS RECYCLING FACILITY INC.
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP NO. 65.1 - BLOCK 1 - LOT 15
OWNER: 70 OLD ROUTE 6, L.L.C. - P.O. BOX 508 BEDFORD, N.Y. 10506

DATE: 14 OCT 08
PROJECT MANAGER: PML
DRAWN BY: PKG
CHECKED BY: PML
SCALE: AS NOTED

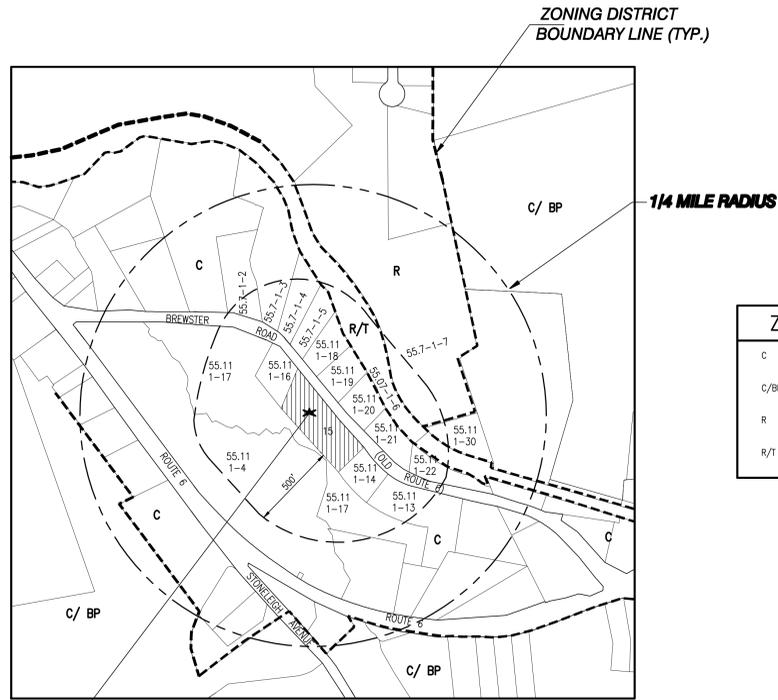
REGIONAL MAP

PROJECT NUMBER: 8289
DRAWING NUMBER:

C-001

SHEET 1 OF 11

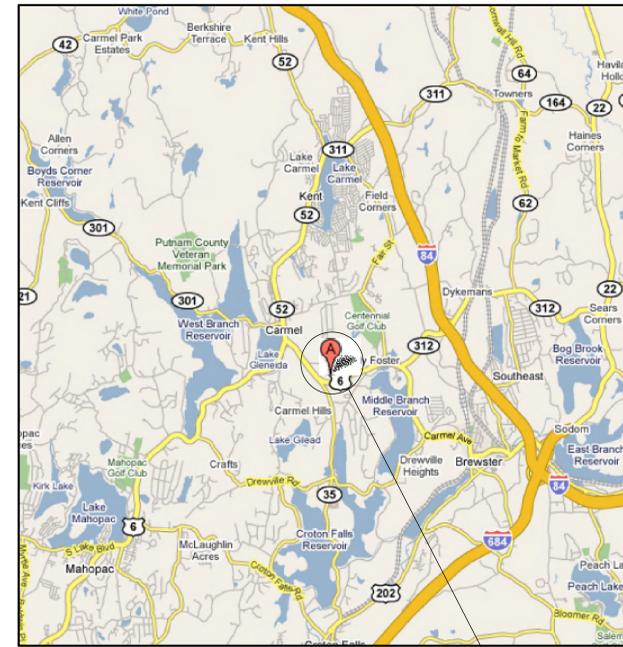
POTNAM ENGINEERING LLC
ENGINEERS - ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6769
• PUTNAM ENGINEERING, LLC 2008



ZONING DISTRICT	
C	COMMERCIAL
C/BP	COMMERCIAL/BUSINESS PARK
R	RESIDENTIAL
R/T	RECREATION/TRAILWAY

PROJECT SITE
 AREA MAP W/ZONING
 Scale: 1" = 400'

LIST OF ADJOINERS (500' RADIUS)		
55.7-1-1	CARMEL SPORTS CENTER	121 EASY HUDSON AVENUE ENGLEWOOD, NJ 07631
55.7-1-2	DYKEER ASSOCIATES INC.	8800 ADAMO DRIVE TAMPA, FL 33619
55.7-1-3	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.7-1-4	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.7-1-5	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.7-1-6	SHLETZ LEE	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.7-1-7	COUNTY OF PUTNAM	40 GLENEIDA AVE CARMEL, NY 10512
55.11-1-4	GANDOL REALTY CORP	P O BOX 1080 CARMEL, NY 10512
55.11-1-6	PARC	INTERNATIONAL BLVD BREWSTER, NY 10509
55.11-1-13	WEST LAKE CONSTRUCTION & DEV.	P O BOX 839 MAHOPAC, NY 10541
55.11-1-14	PUTNAM CO HUMANE SOC	BOX 2997 CARMEL, NY 10512
55.11-1-16	O'CONNOR ROBERT E	50 OLD RTE 6 CARMEL, NY 10512
55.11-1-17	TOWN OF CARMEL	60 MALPIN AVE. MAHOPAC, NY 10541
55.11-1-18	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-19	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-20	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-21	LIBERTY BELL TRUCKING	200 SOUTH WHITE ROCK ROAD HOLMES, NY 12531
55.11-1-22	CARMEL AUTO BODY	77 OLD ROUTE 6 CARMEL, NY 10512
55.11-1-27	DURKIN RAYMOND & ANDREW	PO BOX 372 BREWSTER, NY 10509
55.11-1-30	COUNTY OF PUTNAM	40 GLENEIDA CARMEL, NY 10512



VICINITY MAP
 Scale: 1" = 2000'

PURSUANT TO NEW YORK STATE ESDS SUBDIVISION 2, TITLE 20, SECTION 20-203, THE ARCHITECT HAS REVIEWED THIS PLAN AND FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF SAID SECTION. THE ARCHITECT'S REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE PLAN AND DOES NOT CONSTITUTE A GUARANTEE OF THE ACCURACY OF THE INFORMATION THEREON. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS PLAN OR FOR ANY CONSEQUENCES ARISING THEREFROM.

REVISIONS	DATE	DESCRIPTION
0	08/25/08	DEC SUBMISSION
1	05/05/10	DEC SUBMISSION
2	12/06/10	DEC SUBMISSION
3	06/17/11	DEC SUBMISSION
4	02/25/12	DEC SUBMISSION
5	04/10/12	DEC SUBMISSION

TOMPKINS RECYCLING FACILITY INC.
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP NO. 55.7-1-30, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, LLC, P.O. BOX 508 BEDFORD, N.Y. 10506

DATE	14 OCT 08
PROJECT MANAGER	PML
DRAWN BY	PKG
CHECKED BY	PML
SCALE	AS NOTED

VICINITY MAP, ZONING AND
 1/4 MILE RADIUS MAP

PROJECT NUMBER
 8289
 DRAWING NUMBER

C-002

SCHEDULE of DISTRICT REGULATIONS

C. COMMERCIAL	REQUIRED	PROVIDED
MIN. LOT AREA (SF)	40,000	106,927
MIN. LOT WIDTH (FT)	200	496
MIN. LOT DEPTH (FT)	200	200
MINIMUM YARDS/SETBACKS		
FRONT (FT)	40	54
SIDE (FT)	25	37
REAR (FT)	30	66
MAX. BLDG. HEIGHT (FT)	35	35
MIN. FLOOR AREA (SF)	5000	20,000
MAX. LOT COVERAGE (%)	30	18.7

OFF-STREET PARKING & LOADING

OFF-STREET PARKING: PER CHAPTER 63-11(B)
 WAREHOUSE/STORAGE/HEAVY COMMERCIAL ESTABLISHMENT:
 ONE PARKING SPACE FOR EVERY 1000 S.F. OF FLOOR AREA
 20,880 S.F. / 1000 = 21 SPACES

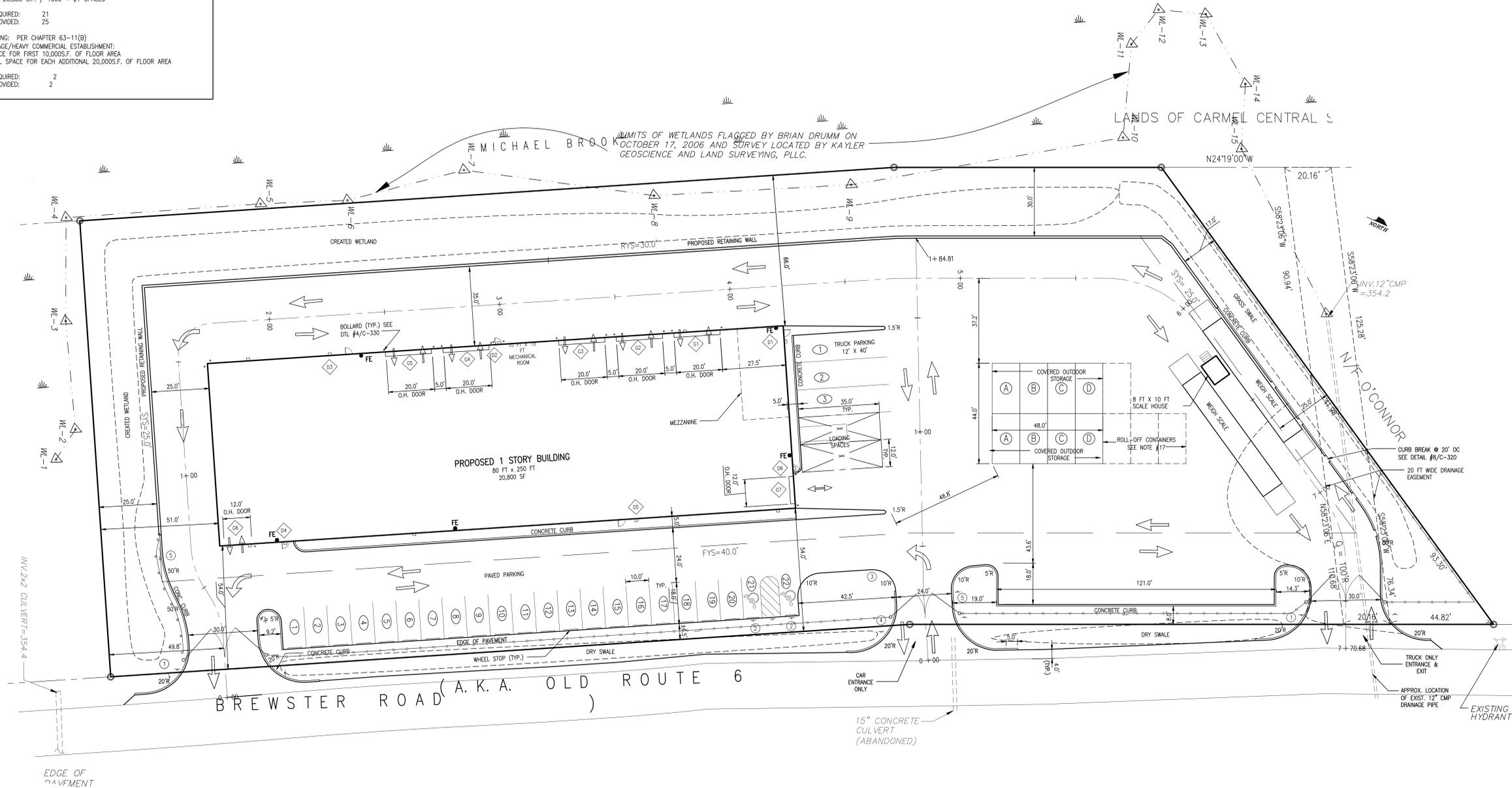
TOTAL SPACES REQUIRED: 21
 TOTAL SPACES PROVIDED: 25

OFF-STREET LOADING: PER CHAPTER 63-11(B)
 WAREHOUSE/STORAGE/HEAVY COMMERCIAL ESTABLISHMENT:
 ONE LOADING SPACE FOR FIRST 10,000 S.F. OF FLOOR AREA
 PLUS 1 ADDITIONAL SPACE FOR EACH ADDITIONAL 20,000 S.F. OF FLOOR AREA

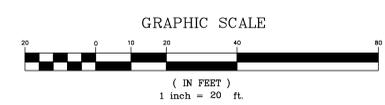
TOTAL SPACES REQUIRED: 2
 TOTAL SPACES PROVIDED: 2

SITE LAYOUT LEGEND:

- SIGN WITH DESIGNATION/LOCATION NUMBER (REFER TO DETAIL SHEET C-320)
- PROPOSED RETAINING WALL
- PROPOSED CONCRETE CURB
- PROPOSED CHAIN LINK FENCE
- TRAFFIC DIRECTIONAL ARROW
- PROPOSED PARKING SPACES
- PROPOSED WALL MOUNTED LIGHT
- PROPOSED 12'x35' LOADING AREA
- PROPOSED ROLL OFF CONTAINER
- 3 FT WIDE PEDESTRIAN DOOR
- OVERHEAD DOOR
- FIRE EQUIPMENT
- PROPOSED COVERED OUTDOOR STORAGE



SITE LAYOUT PLAN



PUTNAM ENGINEERING, LLC
 ENGINEERS - ARCHITECTS
 4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
 (845) 279-6789 FAX (845) 279-6769

PROVIDED TO NEW YORK STATE
 2208 SUBDIVISION 2, L.L.S.A. VOUCHER
 HE IS ACTING UNDER THE REGULATION OF
 THE STATE ENGINEERING BOARD
 AFTER AN ITEM IN ANY MAP OR PLAN
 ALTERED, THE REGISTERED ENGINEER SHALL
 NOTIFY THE BOARD BY FOLLOWING THE
 NAVIGATION "ALTERED BY FOLLOWED BY
 HIS SIGNATURE AND DATE OF
 DESCRIPTION OF THE ALTERATION."

REVISIONS	DATE	DESCRIPTION
0	08/25/08	DEC SUBMISSION
1	05/05/10	DEC SUBMISSION
2	12/06/10	DEC SUBMISSION
3	06/11/11	DEC SUBMISSION
4	02/15/12	DEC SUBMISSION
5	04/10/12	DEC SUBMISSION

TOMPKINS RECYCLING FACILITY INC.
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 80 OLD ROUTE 6
 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP NO. 55-1, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, L.L.C., P.O. BOX 508 BEDFORD, N.Y. 10506

DATE: 14 OCT 08
 PROJECT MANAGER: PML
 DRAWN BY: PKG
 CHECKED BY: PML
 SCALE: AS NOTED

SITE LAYOUT PLAN
 DRAWING
 PROJECT NUMBER: 8289
 DRAWING NUMBER: C-003
 SHEET 3 OF 11

PURSUANT TO NEW YORK STATE
 2009 SUBDIVISION 2, IT IS A VIOLATION
 OF THIS LAW FOR ANY PERSON UNLESS
 A LICENSED PROFESSIONAL ENGINEER TO
 BEARING THE SEAL OF AN ENGINEER IS
 PARTY TO THE TYPING AND SEALING OF
 HIS SIGNATURE AND THE DATE OF SUCH
 DESCRIPTION OF THE ALTERATION.

NO.	DATE	DESCRIPTION
1	02/02/09	DEC. SUBMISSION
2	02/02/10	DEC. SUBMISSION
3	06/17/11	DEC. SUBMISSION
4	02/15/12	DEC. SUBMISSION
5	04/10/12	DEC. SUBMISSION

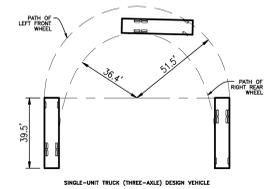
TOMPKINS RECYCLING FACILITY INC.
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, LLC, P.O. BOX 508 BEDFORD, N.Y. 10506

DATE	02/02/09
PROJECT MANAGER	PHL
DRAWN BY	PHG
CHECKED BY	PHL
SCALE	AS NOTED

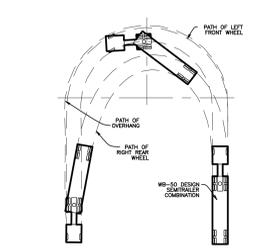
DESIGN VEHICLE RADIUS PLANS

PROJECT NUMBER	8289
DRAWING NUMBER	C-005

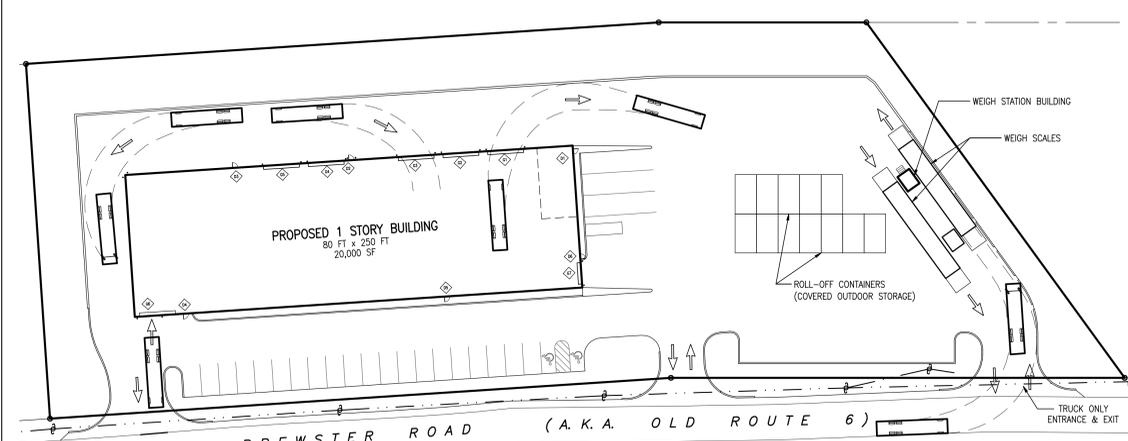
- LEGEND:**
- RETAINING WALL
 - CONCRETE CURB
 - TRAFFIC DIRECTIONAL ARROW
 - ROLL OFF CONTAINER
 - ◇ 3 FT WIDE PEDESTRIAN DOOR
 - ◇ OVERHEAD DOOR



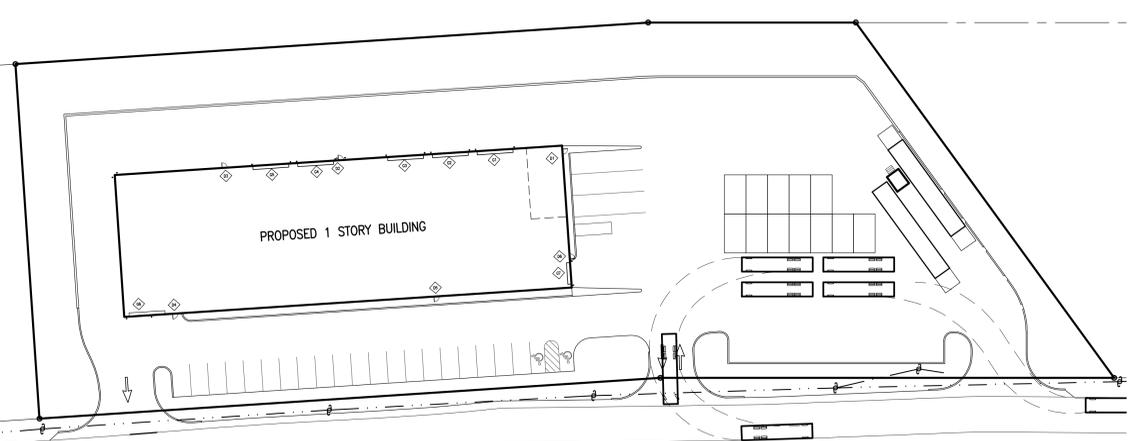
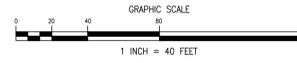
SU-25 DESIGN VEHICLE
 SCALE: 1"=40'



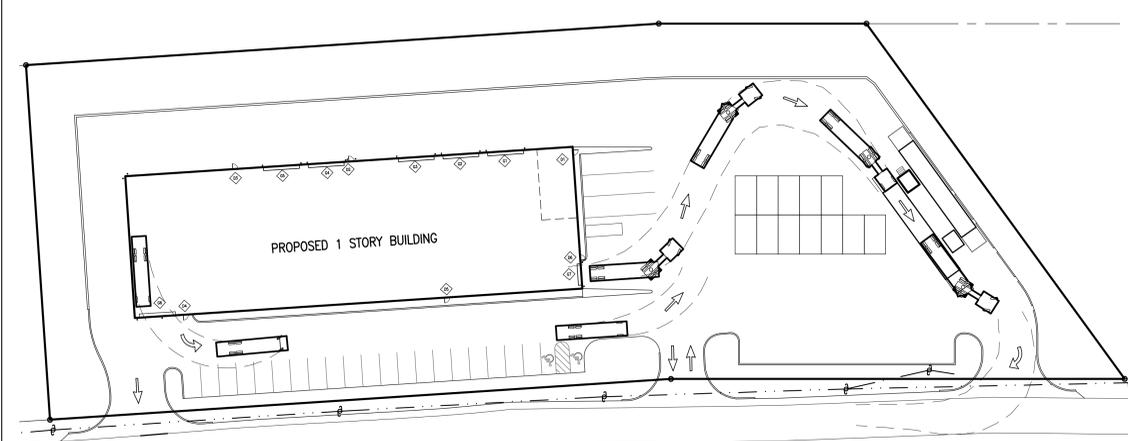
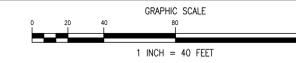
WB-50 DESIGN VEHICLE
 SCALE: 1"=40'



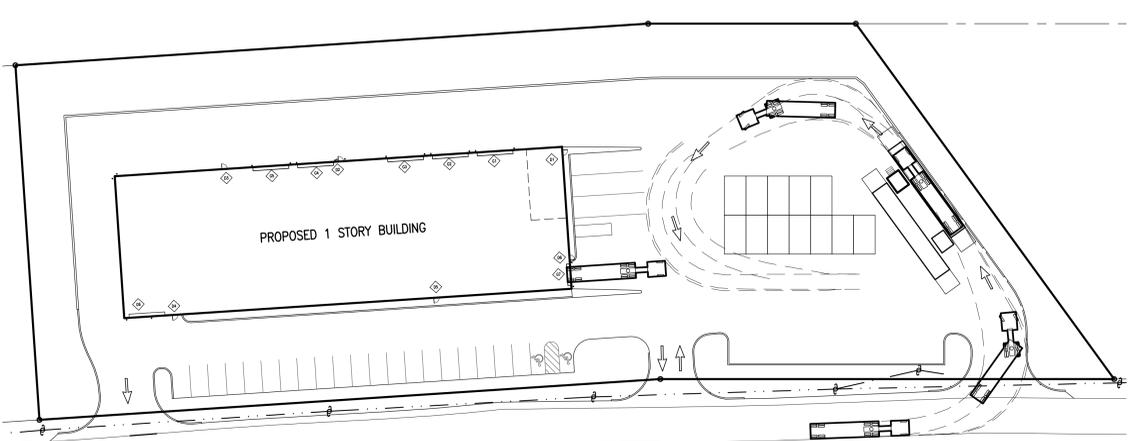
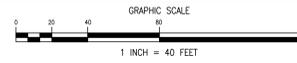
TURNING MOVEMENTS – SU-25 DESIGN VEHICLE



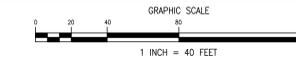
TURNING MOVEMENT – SU-25 DESIGN VEHICLE QUEUING



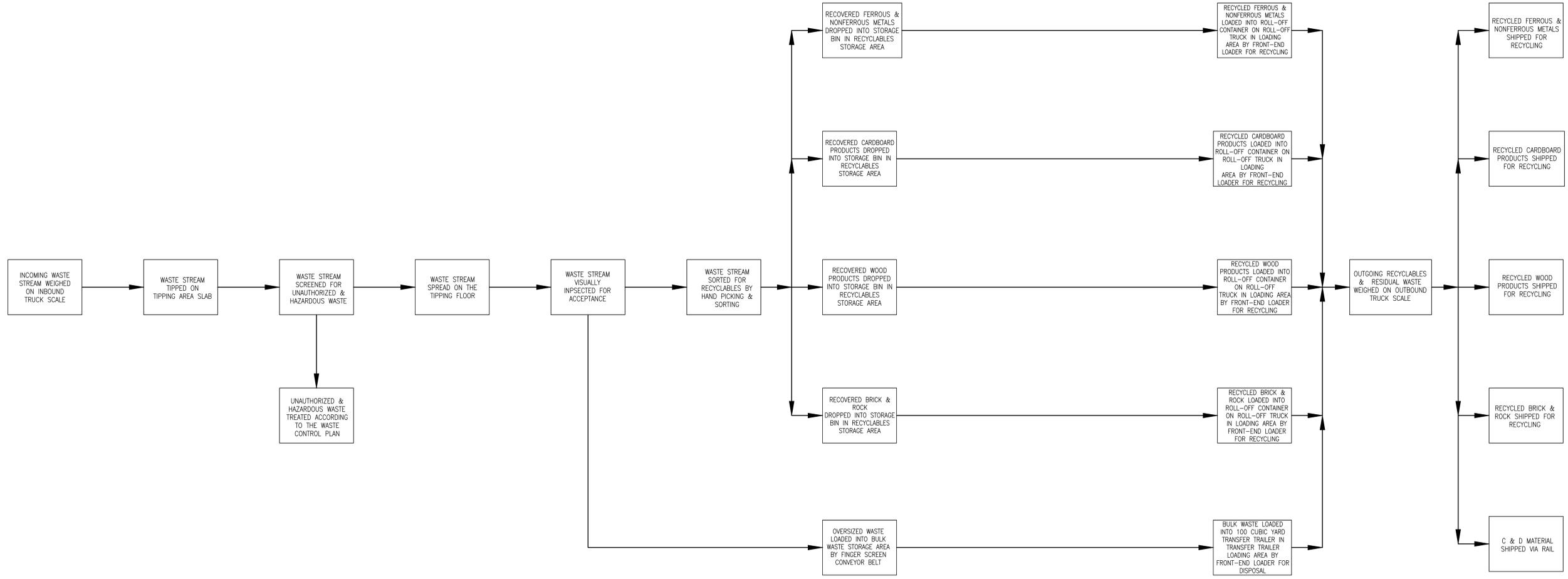
TURNING MOVEMENTS – WB-50 and SU-25 DESIGN VEHICLES LEAVING SITE



TURNING MOVEMENTS – WB-50 DESIGN VEHICLE ENTERING SITE



- NOTES:**
- SITE INFORMATION TAKEN FROM A PLAN ENTITLED "EXISTING TOPOGRAPHY SECTION 181, BLOCK 1, LOT 3 & 4.1" AS PREPARED BY ZEN DESIGN CONSULTANTS, INC. DATED NOVEMBER 14, 2005.
 - OWNER/ APPLICANT: 70 OLD ROUTE 6 LLC, P.O. BOX 508 BEDFORD, N.Y. 10506
 - PROPOSED USE: COMMERCIAL
 - SITE DATA: TAX MAP 55.11-1-15, LOT AREA: 2.45 ACRES (106,927 S.F.)
 - ZONING DISTRICT: C COMMERCIAL
 - ALL ON-SITE TRAFFIC CIRCULATION IS TWO-WAY UNLESS NOTED OTHERWISE.



PROCESS FLOW FOR C&D WASTE

PERMIT TO NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 1403.1, THE SIGNATURE OF THE DESIGNER OR ARCHITECT OF THIS PLAN FOR ANY PERSON UNLESS A LICENSED PROFESSIONAL ENGINEER, TO BE VALID. THE SIGNATURE OF THE ARCHITECT MUST BE MADE AFTER THE SEAL OF AN ENGINEER HAS BEEN AFFIXED TO THE PLANS. SIGNATURES SHALL NOT BE VALID UNLESS THEY ARE ACCOMPANIED BY THE SIGNATURE OF THE ARCHITECT. ANY ALTERATION OF THE ORIGINAL DESIGNATION OF THE ARCHITECT.

NO.	DATE	DESCRIPTION
0	08/22/08	DEC SUBMISSION
1	02/02/10	DEC SUBMISSION
2	02/15/10	DEC SUBMISSION
3	02/17/11	DEC SUBMISSION
4	02/15/12	DEC SUBMISSION
5	04/19/12	DEC SUBMISSION

REVISIONS

TOMPKINS RECYCLING FACILITY INC.
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN of CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, LLC, P.O. BOX 508 BEDFORD N.Y. 10506

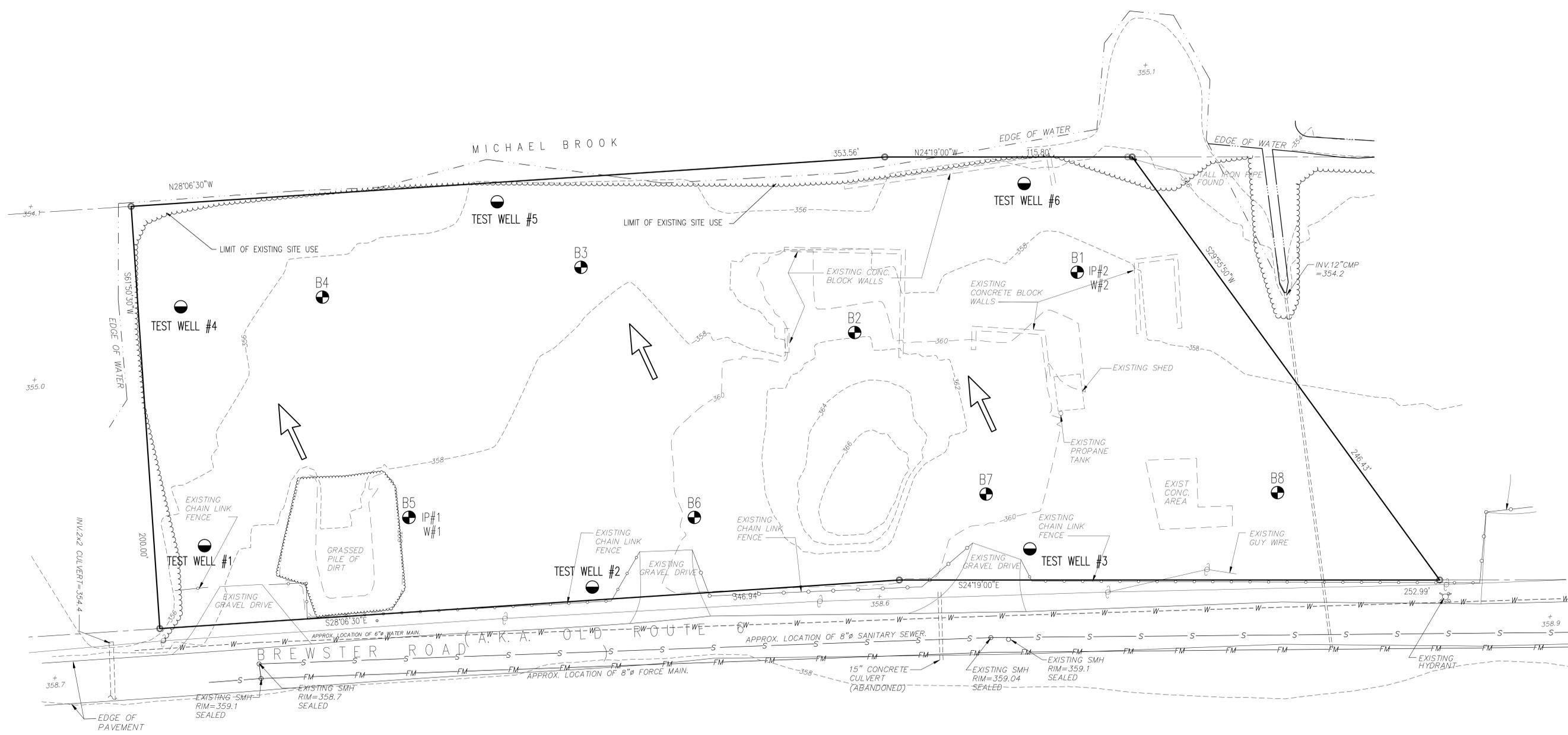
DATE: 14 OCT 08
 PROJECT NUMBER: 8289
 PROJECT MANAGER: PML
 DRAWN BY: PML
 CHECKED BY: PML
 SCALE: AS NOTED

PROCESS FLOW DIAGRAM

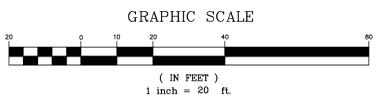
PROJECT NUMBER: 8289
 DRAWING NUMBER: C-006

LEGEND:

- - - 360 - - - EXISTING CONTOUR
- - - - - EXISTING CHAIN LINK FENCE
- - - - - EXISTING EDGE OF WATER
- - - - - EXISTING UTILITY POLE AND OVERHEAD WIRES
- - - - - EXISTING WATERMAIN
- - - - - EXISTING SEWER LINE
- - - - - EXISTING FORCEMAIN
- - - - - EXISTING HYDRANT
- UC SOIL TYPE
- SOIL BOUNDARY
- B1 TEST BORE HOLE LOCATION AND NUMBER LIMITED PHASE II SITE INVESTIGATION
- IP#1 INTER PHASE SAMPLE #1
- IP#2 INTER PHASE SAMPLE #2
- W#1 WATER SAMPLE #1
- W#2 WATER SAMPLE #2
- TEST WELL #6 TEST WELL LOCATION AND NUMBER USED TO DETERMINE GROUNDWATER ELEVATION AND DIRECTION OF GROUNDWATER FLOW
- GENERAL DIRECTION OF GROUNDWATER FLOW



TEST BORING AND GROUNDWATER MONITORING PLAN



PERMIT TO NEW YORK STATE EDUCATION LAW ARTICLE 13, SECTION 1301(1) OF THE LAW FOR ANY PERSON UNLESS A LICENSED PROFESSIONAL ENGINEER, TO SEAL AND SIGN THIS DRAWING. I, THE ENGINEER, HEREBY CERTIFY THAT I AM THE ENGINEER OF RECORD FOR THIS PROJECT AND I AM NOT PROVIDING PROFESSIONAL SERVICES TO ANY OTHER PARTY WITHOUT THE WRITTEN CONSENT OF PUTNAM ENGINEERING, LLC. NOTATION: ALL WORK SHALL BE FOLLOWED BY THE CLIENT'S ATTENTION AND A SPECIFIC DESCRIPTION OF THE ALLOCATION.

NO.	DATE	DESCRIPTION
0	08/27/08	DEC SUBMISSION
1	02/02/10	DEC SUBMISSION
2	04/17/10	DEC SUBMISSION
3	02/15/12	DEC SUBMISSION
4	04/19/12	DEC SUBMISSION
5		DEC SUBMISSION

TOMPKINS RECYCLING FACILITY INC.
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

DATE	14 OCT 08
PROJECT MANAGER	FM
DRAWN BY	FM
CHECKED BY	FM
SCALE	AS NOTED

TEST BORING AND GROUNDWATER MONITORING PLAN

PROJECT NUMBER: 8289
 DRAWING NUMBER: C-007

TOMPKINS RECYCLING FACILITY, INC					
DESCRIPTION	GATE No.	PURPOSE	WIDTH (LF)	HEIGHT (LF)	TYPE
SITE	1	ACCESS/EGRESS	30	N/A	SWING
SITE	2	ACCESS/EGRESS	24	N/A	SWING
SITE	3	EGRESS	30	N/A	SWING
C & D BLDG.	G1	IN/OUT	20	24	ROLL UP
C & D BLDG.	G2	IN/OUT	20	24	ROLL UP
C & D BLDG.	G3	IN/OUT	20	24	ROLL UP
C & D BLDG.	G4	IN/OUT	20	24	ROLL UP
C & D BLDG.	G5	IN/OUT	20	24	ROLL UP
C & D BLDG.	G6	IN/OUT	12	15	ROLL UP
C & D BLDG.	G7	IN/OUT	12	15	ROLL UP

PUTNAM ENGINEERING & ARCHITECTS
 ENGINEERS - ARCHITECTS
 4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
 (845) 279-6789 FAX (845) 279-6769
 PUTNAM ENGINEERING & ARCHITECTS, LLC

PERMIT TO NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 1403.1, THE DESIGN AND CONSTRUCTION OF THIS PLAN FOR ANY PERSON UNLESS A LICENSED PROFESSIONAL ENGINEER, TO BE THE SEAL OF AN ENGINEER, ARCHITECT OR A PROFESSIONAL LAND SURVEYOR. ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF PUTNAM ENGINEERING & ARCHITECTS, LLC. NO PART OF THIS DOCUMENT SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF PUTNAM ENGINEERING & ARCHITECTS, LLC.

NO.	DATE	DESCRIPTION
0	02/27/08	DEC SUBMISSION
1	02/02/10	DEC SUBMISSION
2	02/15/10	DEC SUBMISSION
3	02/17/11	DEC SUBMISSION
4	02/15/12	DEC SUBMISSION
5	04/10/12	DEC SUBMISSION

NO.	DATE	DESCRIPTION
0	02/27/08	DEC SUBMISSION
1	02/02/10	DEC SUBMISSION
2	02/15/10	DEC SUBMISSION
3	02/17/11	DEC SUBMISSION
4	02/15/12	DEC SUBMISSION
5	04/10/12	DEC SUBMISSION

TOMPKINS RECYCLING FACILITY INC.
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN OF CARMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, LLC, P.O. BOX 508 BEDFORD N.Y. 10506

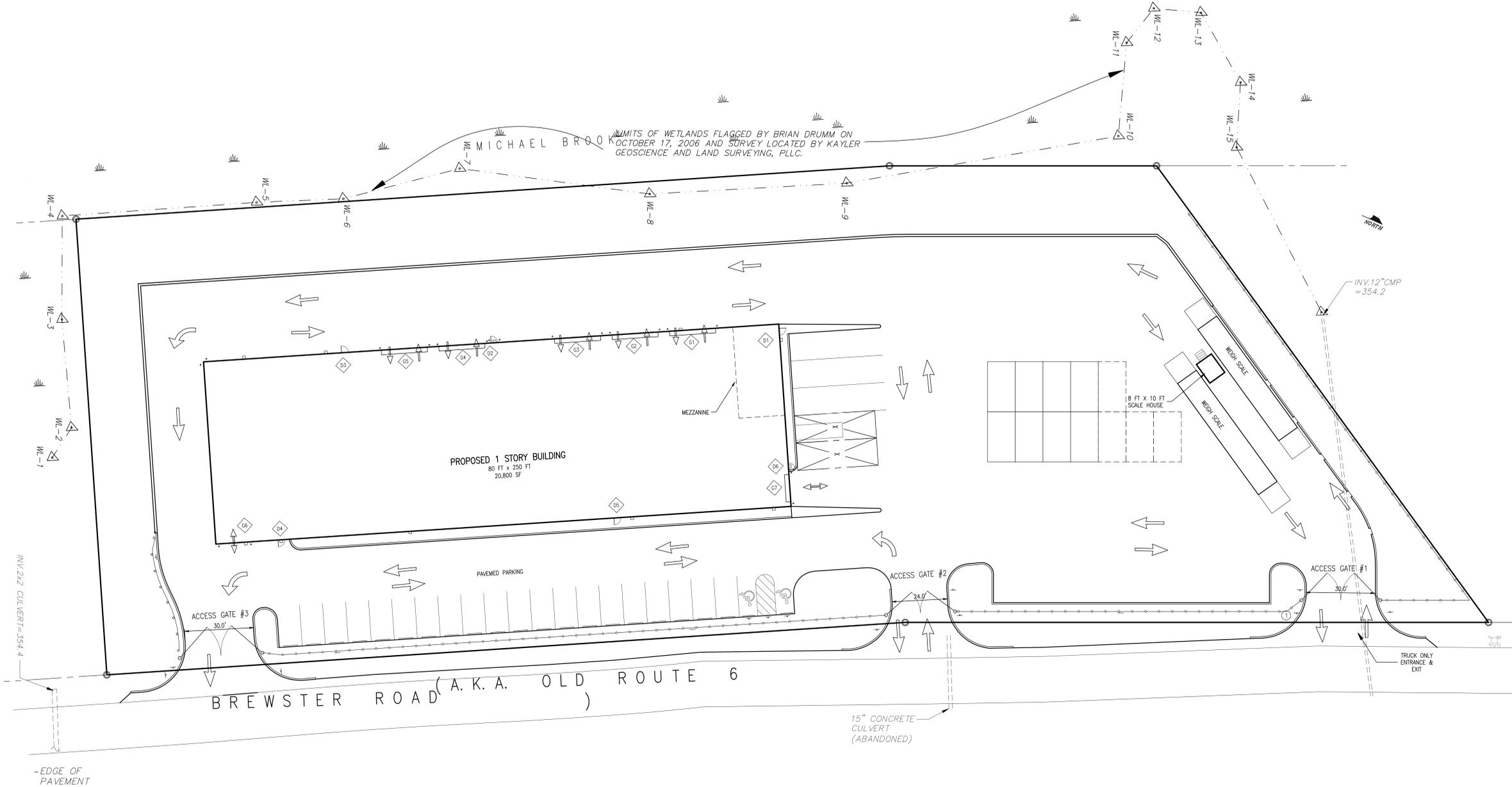
DATE	PROJECT
14 OCT 08	14 OCT 08
PROJECT MANAGER	PROJECT MANAGER
DRAWN BY	DRAWN BY
CHECKED BY	CHECKED BY
SCALE	SCALE
AS NOTED	AS NOTED

EVACUATION ROUTE PLAN

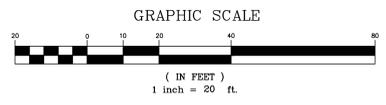
PROJECT NUMBER 8289
 DRAWING NUMBER

C-009

SHEET 9 OF 11



EVACUATION ROUTE PLAN

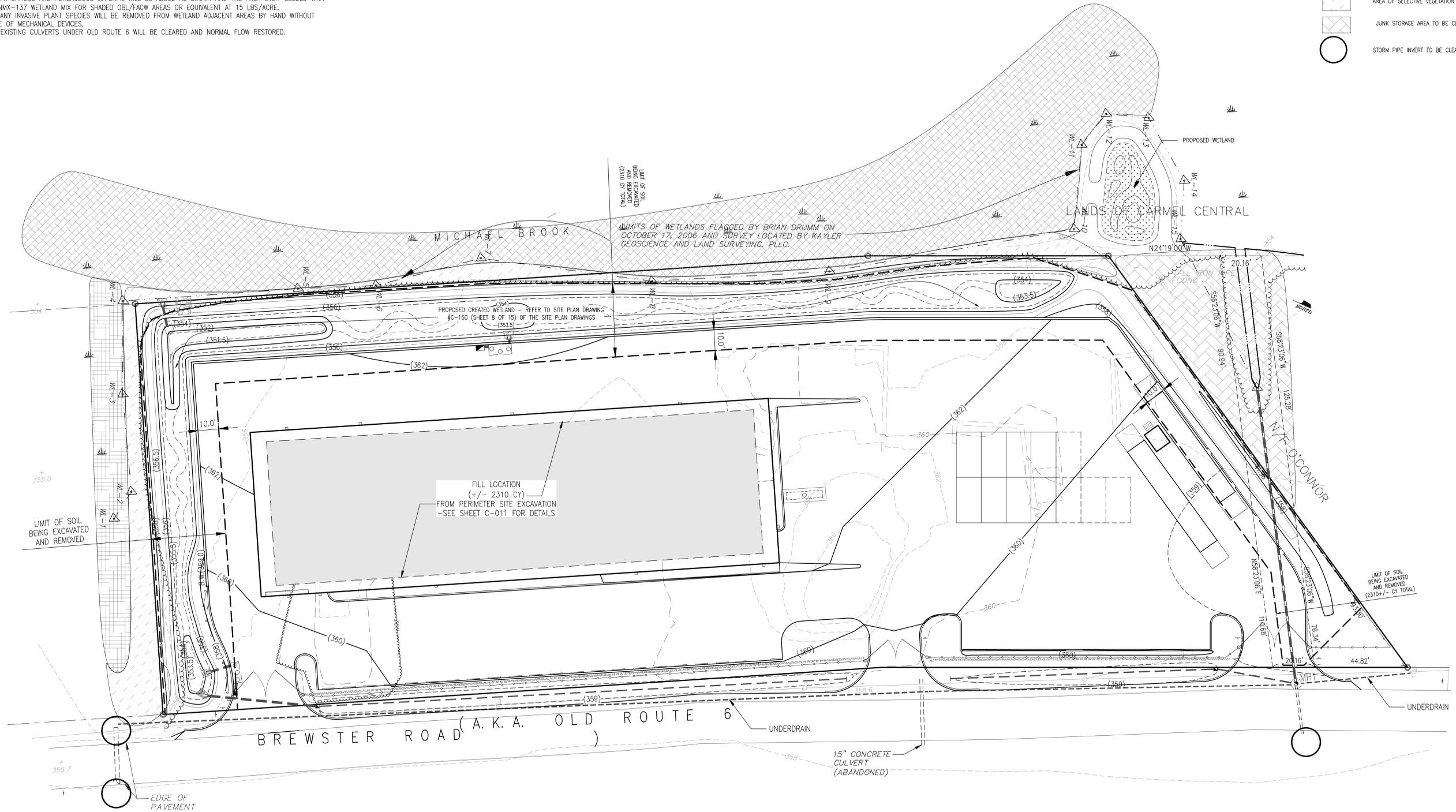


WETLAND AND BUFFER RESTORATION NOTES:

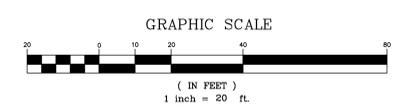
1. THE WETLAND AND STREAM CORRIDOR ADJACENT TO MICHAEL'S BROOK WILL BE CLEARED OF DEBRIS AND FALLEN TREES TO RESTORE FLOW.
2. THE SWALE AT THE SOUTH END OF THE PARCEL SHALL BE CLEARED OF DEBRIS AND FALLEN VEGETATION TO RESTORE FLOW.
3. NUISANCE AND NON-NATIVE VEGETATION WILL BE REMOVED FROM THE AREA ADJACENT TO THE SWALE AND THE AREA SEEDED WITH ERNMX-178 RIPARIAN BUFFER MIX OR EQUIVALENT AT 15 LBS/ACRE.
4. THE "JUNK STORAGE AREA" AT THE NORTH END OF THE SITE WILL BE CLEARED OF RUBBISH AND DEBRIS. THIS MATERIAL WILL ALL BE PROPERLY DISPOSED OF. FOLLOWING CLEAN-UP, THE AREA WILL BE SCARIFIED AND SEEDED WITH ERNMX-178 RIPARIAN BUFFER MIX OR EQUIVALENT AT 15 LBS/ACRE, AND WILL REMAIN UNDEVELOPED.
5. THE SMALL PENINSULA AREA OF HISTORIC DEBRIS IN THE NORTHWEST PORTION OF THE SITE WILL BE CLEARED, CLEANED OUT AND RE-GRADED AS AN EXTENSION OF THE WETLAND AREA, AS SHOWN ON THE PLAN. SHRUBS AND HERBACEOUS MATERIAL WILL BE ADDED AS SHOWN AND THE AREA OVER-SEEDED WITH ERNMX-137 WETLAND MIX FOR SHADED OBL/FACW AREAS OR EQUIVALENT AT 15 LBS/ACRE.
6. ANY INVASIVE PLANT SPECIES WILL BE REMOVED FROM WETLAND ADJACENT AREAS BY HAND WITHOUT USE OF MECHANICAL DEVICES.
7. EXISTING CULVERTS UNDER OLD ROUTE 6 WILL BE CLEARED AND NORMAL FLOW RESTORED.

LEGEND

-  EXISTING VEGETATION
-  STREAM/WETLAND AREA TO BE CLEARED OF FALLEN TREES AND POLES
-  CHANNEL AREA TO BE CLEARED OF DEBRIS AND VEGETATION
-  AREA OF SELECTIVE VEGETATION REMOVAL
-  JUNK STORAGE AREA TO BE CLEARED
-  STORM PIPE INVERT TO BE CLEANED



WETLAND BUFFER ENHANCEMENT PLAN
& SOIL EXCAVATION AND FILL PLAN



PUTNAM ENGINEERING & ARCHITECTS
4 OLD ROUTE 6, BREWSTER, NEW YORK 10509
(845) 279-6789 FAX (845) 279-6769

NO.	DATE	DESCRIPTION
0	07/27/08	DEC. SUBMISSION
1	02/02/10	DEC. SUBMISSION
2	06/17/10	DEC. SUBMISSION
3	06/17/11	DEC. SUBMISSION
4	02/15/12	DEC. SUBMISSION
5	04/10/12	DEC. SUBMISSION

TOMPKINS RECYCLING FACILITY INC.
CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
60 OLD ROUTE 6
TOWN OF CARMEL
PUTNAM COUNTY, NEW YORK
TAX MAP No. 55.11, BLOCK 1, LOT 15
OWNER: 70 OLD ROUTE 6, LLC, P.O. BOX 508 BEDFORD N.Y. 10506

DATE	DESCRIPTION
14 OCT 08	PROJECT MANAGER
	DRAWN BY
	CHECKED BY
	SCALE
	AS NOTED

WETLAND BUFFER
ENHANCEMENT PLAN
& SOIL EXCAVATION AND FILL
PLAN

PROJECT NUMBER
8289

DRAWING NUMBER
C-010

SHEET 10 OF 11

PERMIT TO NEW YORK STATE EDUCATION LAW ARTICLE 135, SECTION 135.3, THE DESIGN PROFESSIONAL SEAL OF THE LAW FOR ANY PERSON UNLESS A LICENSED PROFESSIONAL ENGINEER, TO BE PLACED ON THE DRAWING, AND BEARING THE SEAL OF AN ENGINEER, AFTER THE DESIGN PROFESSIONAL SEAL OF THE DESIGN PROFESSIONAL SHALL BE OBTAINED. ALL TESTS SHALL BE NOTATION "AL" TESTED BY FOLLOWED BY THE DESIGN PROFESSIONAL'S ATTENTION, AND A SPECIFIC DESCRIPTION OF THE ALLOCATION.

NO.	DATE	DESCRIPTION
0	08/27/08	DEC SUBMISSION
1	02/02/10	DEC SUBMISSION
2	02/02/10	DEC SUBMISSION
3	02/11/10	DEC SUBMISSION
4	02/15/12	DEC SUBMISSION
5	04/10/12	DEC SUBMISSION

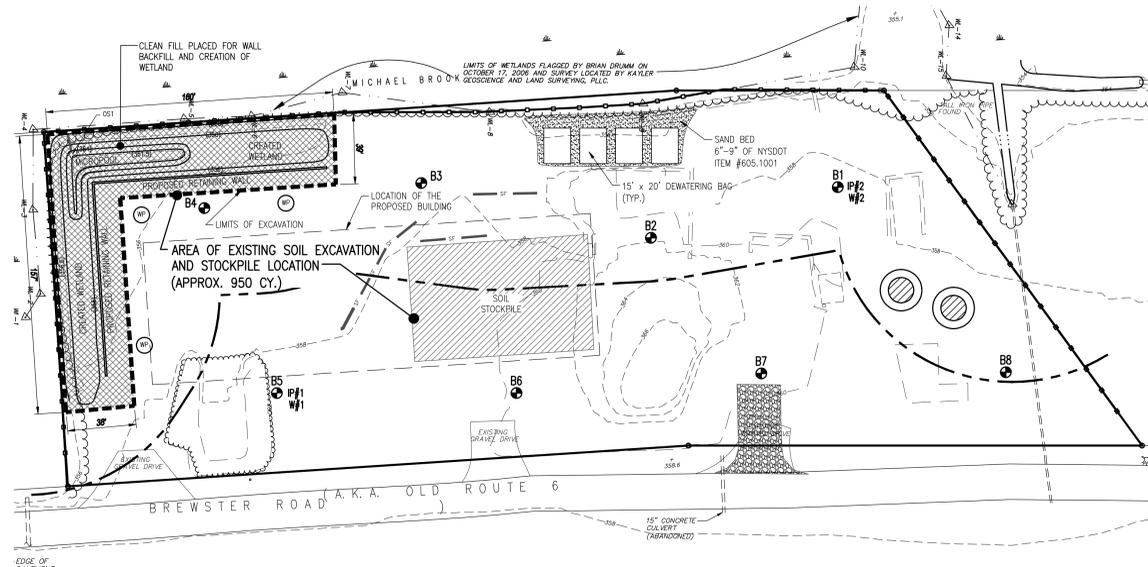
TOMPKINS RECYCLING FACILITY INC.
 CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING
 60 OLD ROUTE 6
 TOWN OF CAMEL
 PUTNAM COUNTY, NEW YORK
 TAX MAP No. 55.11, BLOCK 1, LOT 15
 OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

PHASE II ENVIRONMENTAL SITE INVESTIGATION
SOIL TEST RESULTS

DATE: 14 OCT 08
 PROJECT MANAGER: PML
 DRAWN BY: PML
 CHECKED BY: PML
 SCALE: AS NOTED

PROJECT: TOMPKINS RECYCLING FACILITY INC. CONSTRUCTION AND DEBRIS PROCESSING CENTER & RECYCLING 60 OLD ROUTE 6 TOWN OF CAMEL PUTNAM COUNTY, NEW YORK TAX MAP No. 55.11, BLOCK 1, LOT 15 OWNER: 70 OLD ROUTE 6, L.L.C. P.O. BOX 508 BEDFORD N.Y. 10506

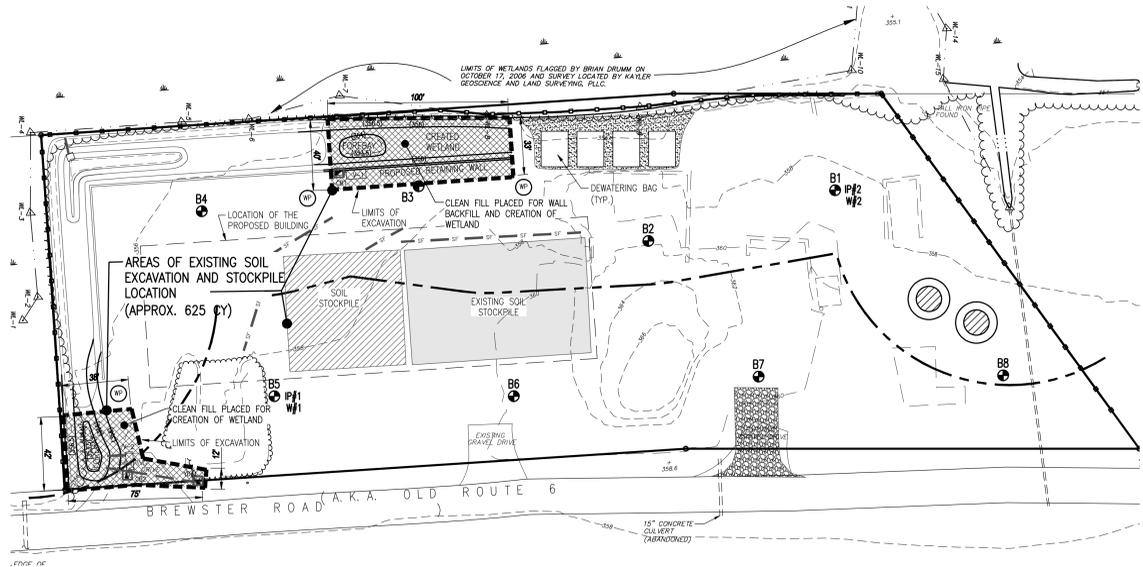
DRAWING NUMBER: 8289
 SHEET 11 OF 11



STAGE 1

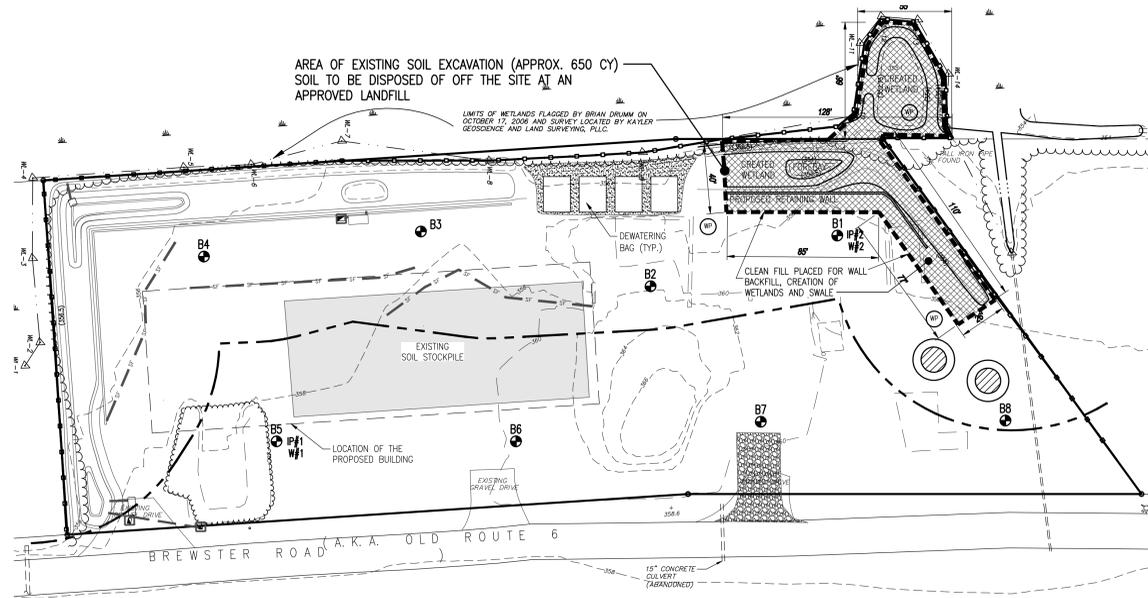
IP#1		375-6.8(b)			
SAMPLE RESULT		R	C	GW	
Chromium	19.1	22.0	400.0	19.0	

R = RESIDENTIAL
 C = COMMERCIAL
 GW = GROUND WATER PROTECTION



STAGE 2

B-3		375-6.8(b)			
SAMPLE RESULT		R	C	GW	
Chromium	22.2	22.0	400.0	19.0	

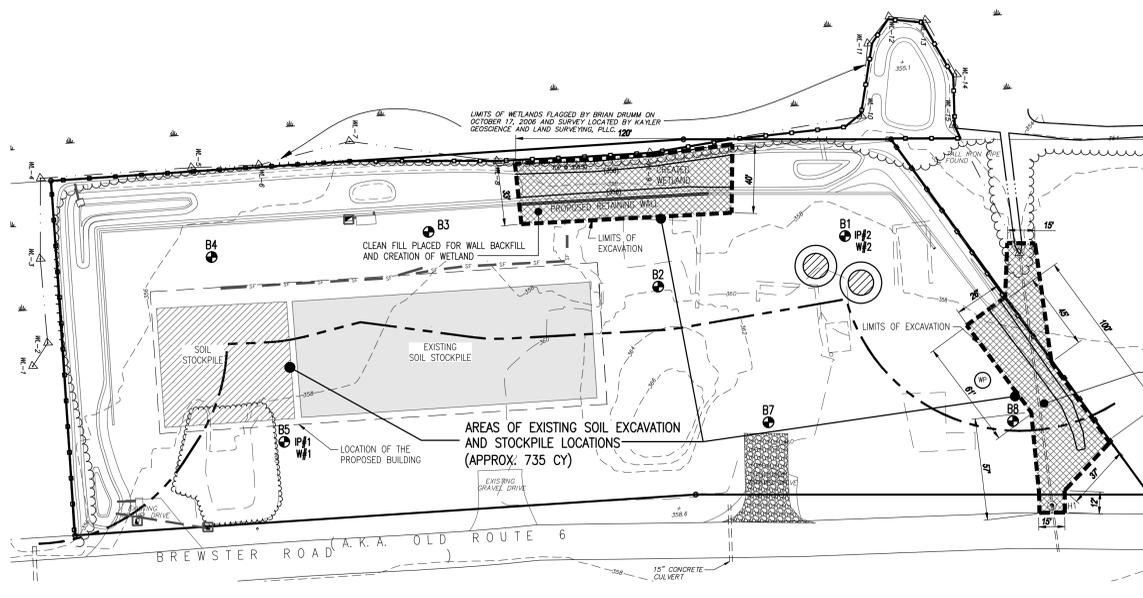


STAGE 3

B-1		375-6.8(b)			
SAMPLE RESULT		R	C	GW	
Benzo (a) anthracene	1,200	1,000	5,600	1,000	
Benzo (a) pyrene	1,200	1,000	1,000	22,000	
Benzo (b) fluoranthene	1,600	1,000	5,600	1,700	
Chrysene	1,400	1,000	56,000	1,000	
Ideno (1,2,3-C,d) pyrene	750	500	5,600	8,200	

IP#2 @ B-1		375-6.8(b)			
SAMPLE RESULT		R	C	GW	
Cadmium	17.10	2.5	9.3	7.5	
Lead	934	400	1,000	450	
Selenium	5.71	.36	1,500	4.0	
Benzo (a) pyrene	1,900	1,000	1,000	22,000	
* Dibenzo (a,h) anthracene	840u	330	560	1,000,000	
* Hexachlorobenzene	840u	330	6,000	3,200	
* Ideno (1,2,3-C,d) pyrene	840u	500	5,600	8,200	
* Pentachlorophenol	840u	2,400	6,700	800	
* 1,2 Dichloroethane	34u	2,300	30,000	20	
* Vinyl Chloride	34u	210	13,000	20	

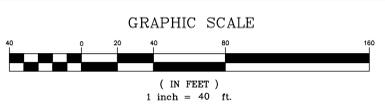
* "u" INDICATES THE COMPOUND WAS ANALYZED FOR BUT NOT DETECTED. REPORT THE MINIMUM DETECTION LIMIT FOR THE SAMPLE WITH THE "u", I.E. "10u". THIS IS NOT NECESSARILY THE INSTRUMENT DETECTION LIMIT ATTAINABLE FOR THIS PARTICULAR SAMPLE BASED ON ANY CONCENTRATION OR DILUTION THAT MAY HAVE BEEN REQUIRED.



STAGE 4

B-8		375-6.8(b)			
SAMPLE RESULT		R	C	GW	
Chromium	21.6	22.0	400.0	19.0	

PHASE II ENVIRONMENTAL SITE INVESTIGATION



- LEGEND:**
- - - - - EXISTING CONTOUR
 - - - - - EXISTING CHAIN LINK FENCE
 - - - - - EXISTING UTILITY POLE AND OVERHEAD WIRES
 - - - - - EXISTING HYDRANT
 - B1 TEST BORE HOLE LOCATION AND NUMBER LIMITED PHASE II SITE INVESTIGATION
 - IP#1 INTER PHASE SAMPLE #1
 - IP#2 INTER PHASE SAMPLE #2
 - W#1 WATER SAMPLE #1
 - W#2 WATER SAMPLE #2
 - R RESIDENTIAL
 - C COMMERCIAL
 - GW GROUND WATER PROTECTION
 - CLEAN FILL STOCKPILE

RAYEX DESIGN GROUP

DESIGN PLANNING CONSTRUCTION

**266 SHEAR HILL ROAD
MAHOPAC, NEW YORK 10541
845-621-4000**

**RAYEXDESIGN@GMAIL.COM
ROY, A. FREDRIKSEN, PE**

August 12, 2021

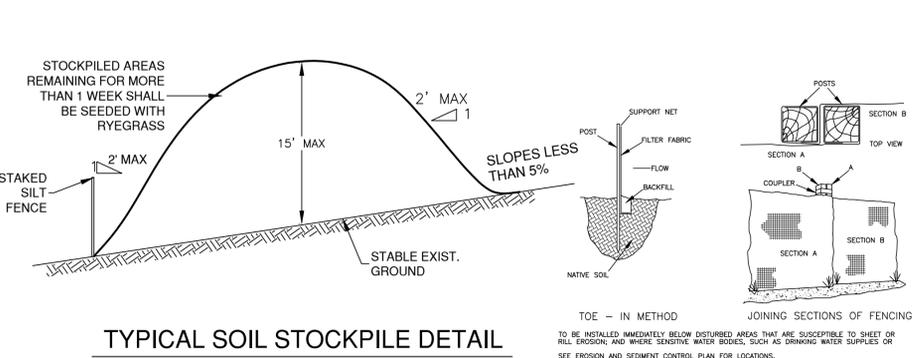
ECB Board, Town of Carmel,
60 McAlpin Avenue
Carmel, NY, 10541

Re: Frank Roa, 96 W. Lake Blvd. Mahopac, NY. T.M. # 75.07-3-14

This is a respond to ECB comments during meeting on 8/5/2021 regarding application for wetland permit for proposed swimming pool at address above:

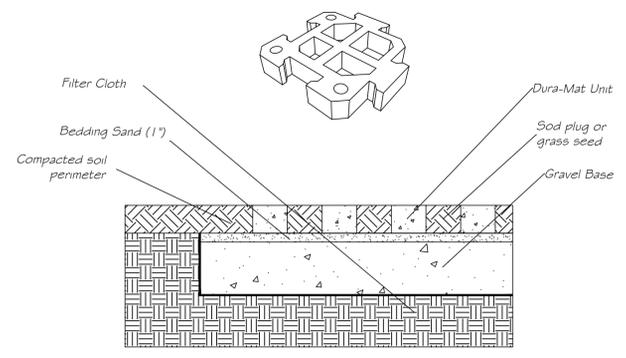
1. Construction sequence has been added to plan.
2. Stock pile location and detail added.
3. Route of machine movement on site.
4. Spill kit located.
5. Machine storage location with 6 mil poly under.
6. Restoration plan.
7. SSTS located.
8. Existing leader direction indicated.
9. Pool service lines located.
10. Well protection shown.

If I could be of any further assistance, please do not hesitate to contact me.



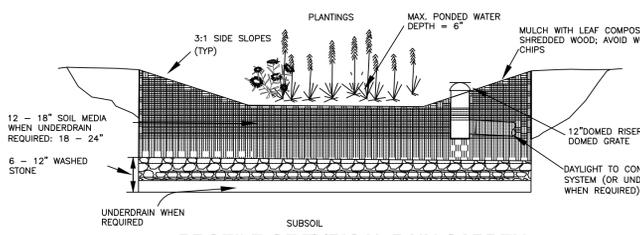
TYPICAL SOIL STOCKPILE DETAIL
N. T. S.

- TOE - IN METHOD**
- TO BE INSTALLED IMMEDIATELY BELOW DISTURBED AREAS THAT ARE SUSCEPTIBLE TO SHEET OR RILL EROSION AND WHERE SENSITIVE WATER BODIES, SUCH AS DRINKING WATER SUPPLIES OR SEE EROSION AND SEDIMENT CONTROL PLAN FOR LOCATIONS.
- INSTALLATION NOTES**
1. EXCAVATE A 4 INCH X 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
 2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
 3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
 4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
 5. JOIN SECTIONS AS SHOWN ABOVE.

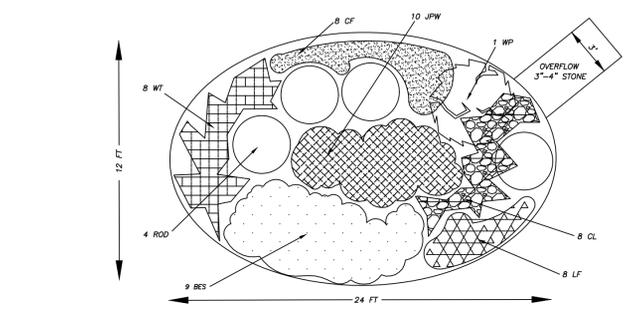


- RAIN GARDEN DESIGN:**
1. CONTRIBUTING AREA IS PORTION OF EXISTING ROOF 1152 S.F.
 2. WATER QUALITY CRITERIA
90% RAIN FALL - 1 1/2" RAIN
 3. SIZE OF RAIN GARDEN (6" PONDING DEPTH)
1152 S.F. X 1 1/2" / 12" = 144 C.F.
144 C.F. / 6" DEPTH / 12" = 288 S.F.
USE 12' X 24' = 288 S.F.

ALL DISTURBED AREAS WILL BE RAKED AND RECEIVE SEED AND MULCH TO RESTORE.



PROFILE OF TYPICAL RAIN GARDEN
N.T.S.



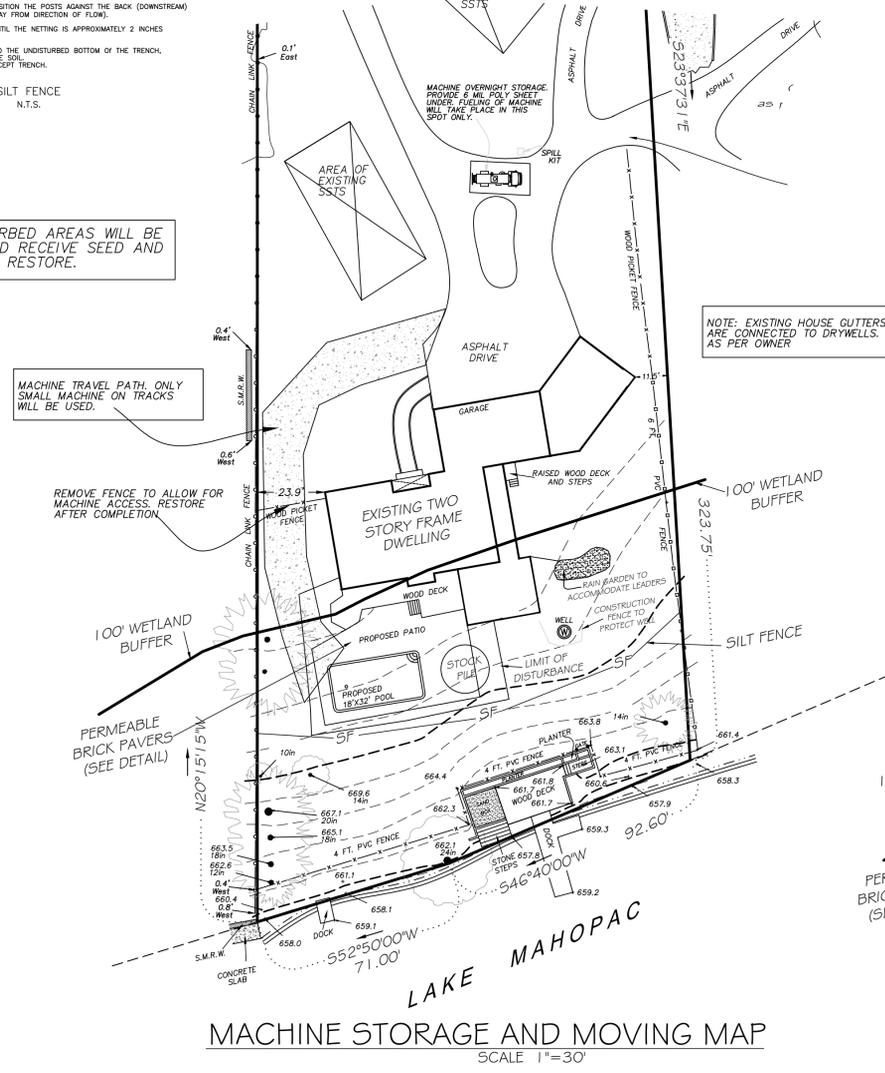
TYPICAL RAIN GARDEN PLANT LIST

QNTY	KEY	BOTANICAL/COMMON NAME	SIZE	ROOT
4	ROD	CORNUS SERICEA (RED-OSSER DOGWOOD)	2 GAL	CONT.
1	WH	HAMMILL'S VIRGINIANA (COMMON WITCHHAZEL)	2'-3" HT.	B&B
8	LF	ALYTHRUM FLEX-FERNA (LADY FERN)	1 GAL	CONT.
8	WT	CHELONE GLOBRBA (WHITE TURTLEHEAD)	1 GAL	CONT.
10	JFW	EUPATORIUM MACULATUM (JOE-PYE WEEED)	1 GAL	CONT.
8	CF	OSMUND CINNAMOMEA (CINNAMON FERN)	1 GAL	CONT.
9	BES	RUBICECKIA HIRTA (BLACK-EYED SUSAN)	1 GAL	CONT.
8	CL	VERNONIA NOVEBORGENSIS (COMMON IRONWEED)	1 GAL	CONT.

RAIN GARDEN MAINTENANCE

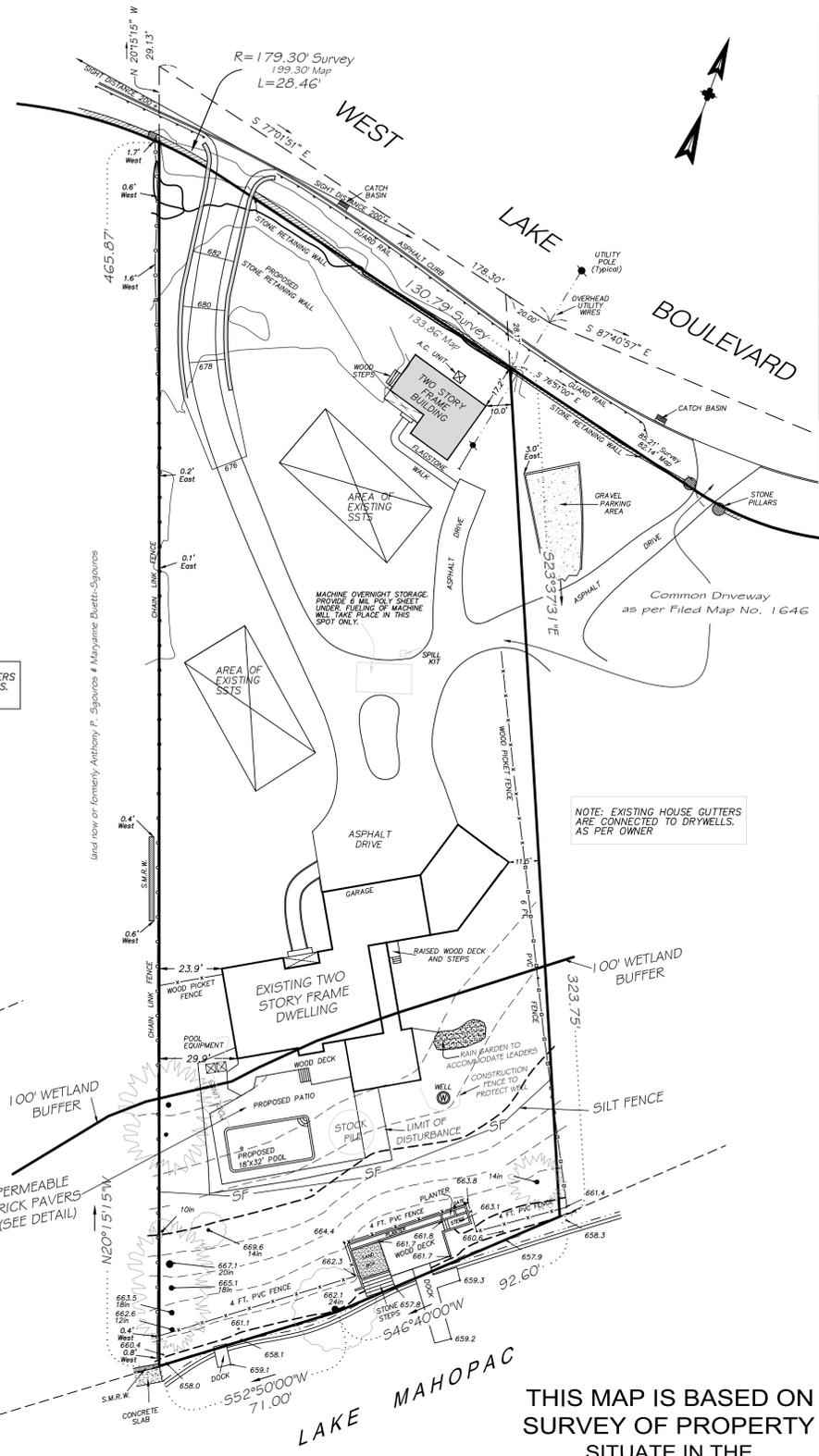
WEEDING MUST BE PERFORMED FOR THE FIRST FEW YEARS. REMOVE WEEDS, INCLUDING THE ROOTS BY HAND. AFTER EACH GROWING SEASON THE STEMS AND STEWARDS CAN BE LEFT FOR WINTER INTEREST, WILDLIFE COVER AND BIRD FOOD. IN THE SPRING CUT ALL TATTERED PLANTS BACK. HAND CUT THE LARGEST PLANTS. USE A STRING TRIMMER TO MOW THE PLANTING BACK TO A HEIGHT OF SIX OR EIGHT INCHES. DEAD PLANT MATERIAL CAN BE REMOVED WITH A STRING TRIMMER OR WEED WHACKER AND COMPOSTED OR DISPOSED OF AS APPROPRIATE.

INVASIVE SPECIES OF PLANTS SUCH AS BITTERSWEET VINE, MULTIFLORA ROSE, HONESUCKLE AND JAPANESE BARBERRY. THESE PLANTS SHOULD BE REMOVED BY VINE SAWING, MOWING OR USE OF HERBICIDES, (ROUNDUP) WHERE APPROPRIATE AND ACCORDING TO LABEL REQUIREMENTS.



MACHINE STORAGE AND MOVING MAP
SCALE 1"=30'

- CONSTRUCTION SEQUENCE:**
1. INSTALL SILT FENCE AND CONSTRUCTION FENCE.
 2. REMOVE PORTION OF EXISTING FENCE AND GATE TO ALLOW MACHINE ACCESS TO REAR YARD.
 3. START EXCAVATION FOR POOL AND STOCK PILE AS SHOWN.
 4. MACHINE TIME SHOULD BE FAST AND LIMITED. MACHINE WILL BE STORED ON DRIVEWAY AS SHOWN. PROVIDE 6 MIL POLY SHEETS UNDER IT.
 5. CONSTRUCT SWIMMING POOL AND BACK-FILL AS NEEDED. INSTALL PAVER PATIO AROUND IT.
 6. INSTALL TRENCH AND CONDUITS FOR POOL SERVICE LINES.
 7. CONSTRUCT RAIN GARDEN AND CONNECT PORTION OF ROOF GUTTER TO IT.
 8. RESTORE ALL DISTURBED AREAS AND ADD GRASS SEED AND HAY.
 9. FILL POOL WITH IMPORTED WATER AND ENJOY.



SITE PLAN
SCALE 1"=30'

NOTE: THE SCOPE OF THIS PROJECT IS TO CONSTRUCT AN IN-GROUND SWIMMING POOL WITH PATIO AROUND IT. NO OTHER STRICTURES ARE PROPOSED.



NOTE: COORDINATE WITH TOWN WET-LAND INSPECTOR TO PERFORM INSPECTIONS NECESSARY.

- ZONING DATA**
- PROPERTY LOCATION: 96 WEST LAKE BLVD, MAHOPAC
LOT AREA: 1.3092 ACRES / 57,029 SQ FT
ZONING: R-180
CONSULTANT: ROY FREDRIKSEN, PE
P.O. BOX 950
MAHOPAC, NY 10541
845-621-4000
- SITE PLAN NOTES**
1. CONTRACTOR TO VERIFY THAT ALL ZONING REQUIREMENTS ARE MET PRIOR TO STARTING OF CONSTRUCTION. ANY DISCREPANCIES MUST BE REPORTED AND CORRECTED.
 2. CONTRACTOR MUST CONTACT THE UNDERGROUND LINES LOCATION SERVICES, (CODE 75.3) PRIOR TO COMMENCING CONSTRUCTION. TELEPHONE NUMBER IS 1-800-962-7962 OR 1-800-272-4480.
 3. SITE PLAN WAS PREPARED BY ROY FREDRIKSEN, PE AND WAS BASED ON A COPY OF SURVEY PREPARED BY LINK LAND SURVEYING, P.L.S.
 4. VERIFY THAT ALL PROPOSED WORK IS IN COMPLIANCE WITH LOCAL AND STATE CODES.
 5. ALL UTILITY CONNECTIONS ARE EXISTING.

- EROSION AND SEDIMENT CONTROL NOTES**
1. SILT AND CONSTRUCTION FENCES ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES
 2. NO CONSTRUCTION ACTIVITIES TO OCCUR OUTSIDE THE PROTECTIVE CONSTRUCTION AREA.
 3. ALL DISTURBED AREAS ARE TO BE SEEDED AND COVERED WITH HAY OR STRAW MULCH. SEED IS TO BE A MIXTURE OF PERENNIAL RYE, RED FESCUE AND KENTUCKY BLUE GRASS, APPLIED AT A RATE OF 4 POUNDS PER 1,000 S.F.
 4. NO 100 YEAR FLOOD EXISTS WITHIN THE SITE OR WITHIN 100, OF PROPOSED ACTIVITIES.
 5. NO TERRAIN WITH SLOPES OF 10% OR GREATER EXIST ON THE SITE.
 6. NO TREE WITH A TRUNK DIAMETER OF 12" OR GREATER AT BREAST HEIGHT EXIST ON THIS SITE.

THIS MAP IS BASED ON SURVEY OF PROPERTY SITUATE IN THE TOWN OF CARMEL
SCALE: 1"= 30'
SURVEYED: JANUARY 17, 2002
SURVEY UPDATED AND TOPOGRAPHY ADDED: MAY 14, 2009

Link
Land Surveyors P.C.
21 Clark Place, Suite 1-B Phone 845-628-5857
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RAYEXDESIGN@GMAIL.COM

OWNER: FRANK ROA
JOB #:
DRN BY:
CHKD BY:

PROJECT: WETLAND BUFFER AND SITE PLAN FOR SWIMMING POOL ADDITION TO EXISTING HOUSE LOCATED AT 96 WEST LAKE BLVD IN MAHOPAC, NY
TAX MAP #:

SHEET TITLE: SITE PLAN, NOTES AND 1 OF 1 DETAILS

8/10/2021 ECB COMMENTS
REVISIONS: DATE: 7/2/2021

TAX MAP NUMBER
MAP 75.07 BLOCK 3 LOT 14

