

ROBERT LAGA
Chairman

ANTHONY DUSOVIC
Vice-Chair

ROSE TROMBETTA
Secretary

DAVID KLOTZLE
Wetland Inspector

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
Marc Pekowsky
Vincent Turano
Nicholas Fannin
John Starace

ENVIRONMENTAL CONSERVATION BOARD AGENDA

APRIL 23, 2015 – 7:30 P.M.

SUBMISSION OF AN APPLICATION OR LETTER OF PERMISSION

- | | | | |
|----------------------|---------------------|------------|---|
| 1. Smajlaj, Nikolle, | 579 Croton Falls Rd | 77.13-2-44 | Restore Natural Drainage Channel & Construct Retaining Wall |
|----------------------|---------------------|------------|---|

MISCELLANEOUS

2. Minutes – 01/22/15, 02/05/15 & 04/09/15



April 21, 2015

Robert Laga, Chairman
Town of Carmel Environmental
Conservation Board
60 McAlpin Avenue
Mahopac, NY 10541

Re: Smajlaj Wetland Permit
579 Croton Falls Road
TM #77.13-2-44

Dear Chairman Laga:

Enclosed are four sets of revised drawings for the Smajlaj project. We have added the three (3) Town of Carmel Wetland signs and have added the seeding mix as discussed at the April 9th meeting.

Sincerely,

PUTNAM ENGINEERING, PLLC

A handwritten signature in black ink, appearing to be 'Paul M. Lynch', written over a horizontal line.

Paul M. Lynch, P.E.

PML/tal
Enclosures

(L01517)

Paul Lynch

From: Drake, John <JDrake@dep.nyc.gov>
Sent: Wednesday, April 15, 2015 2:45 PM
To: 'Paul Lynch'
Subject: RE: Smajlaj DEP Log #2014-CF-0639-CPD.1

Paul,

Thank you for the update.

Recall that DEP's involvement in this activity was through DEP's Notice of Violation (NOV) and that the activity required no regulatory approvals from DEP; the NOV was issued because the owner was using an impervious surface to divert a DEP-regulated reservoir stem, which is prohibited under the Watershed Regulations.

DEP is inclined to have the owner do the work under the Carmel ECB's wetland permit and looks forward to working with you and the ECB to resolve the owner's Notice of Violation.

Best Regards,

John Drake

John G. Drake, P.E. | Civil Engineer II | NYC Environmental Protection
Bureau of Water Supply | Regulatory & Engineering Programs
(O) 914 742 2025 | (F) 914 773 0343 | jdrake@dep.nyc.gov

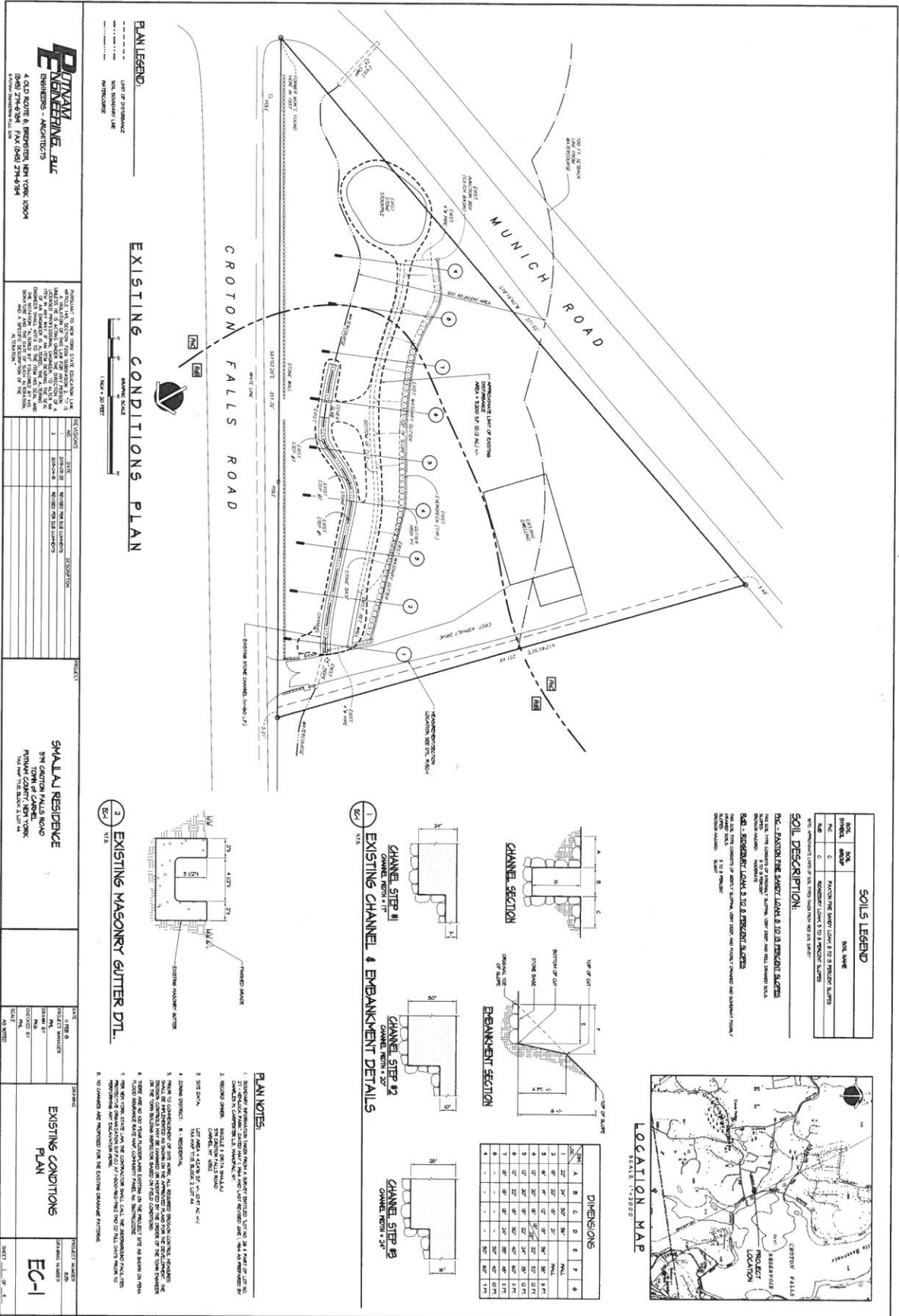
From: Paul Lynch [<mailto:plynch@putnameng.com>]
Sent: Wednesday, April 15, 2015 10:55 AM
To: Drake, John
Subject: Smajlaj DEP Log #2014-CF-0639-CPD.1

John,

I have appeared before the Carmel ECB on behalf of Nikolle Smajlaj. We have prepared plans for the removal of the stone flume that was installed in the stream channel. We are also proposing to complete the retaining wall construction. I will be mailing you a set of drawings today.

The question came up at the ECB meeting as to who has to act first, ECB or DEP in this matter. It is my recollection (and I can be wrong) that the DEP wishes the Carmel ECB to issue a permit for the work. Can you expand on what needs to happen and by whom in order to move this along. I told the ECB Chairman, Robert Laga that I would follow up with you.

Paul



PLAN LEGEND:

- LINE OF DISTURBANCE
- EXISTING CHANNEL
- PROPOSED CHANNEL
- PROPOSED EMBANKMENT

EXISTING CONDITIONS PLAN



| NO. | DESCRIPTION | DATE | BY | CHECKED |
|-----|-------------|----------|--------------|--------------|
| 1 | DESIGN | 01/20/20 | J. J. JACOBI | J. J. JACOBI |
| 2 | REVISION | 01/20/20 | J. J. JACOBI | J. J. JACOBI |
| 3 | REVISION | 01/20/20 | J. J. JACOBI | J. J. JACOBI |
| 4 | REVISION | 01/20/20 | J. J. JACOBI | J. J. JACOBI |

| PROJECT | PROJECT NO. |
|------------------|-----------------------|
| SMALL RESIDENCE | 574 CROTON FALLS ROAD |
| TOWN OF CROTON | PROJECT NO. 2019-001 |
| PROJECT LOCATION | 574 CROTON FALLS ROAD |

| DATE | DESCRIPTION |
|----------|-------------------|
| 01/20/20 | ISSUED FOR PERMIT |
| 01/20/20 | ISSUED FOR PERMIT |
| 01/20/20 | ISSUED FOR PERMIT |
| 01/20/20 | ISSUED FOR PERMIT |

| DATE | DESCRIPTION |
|----------|-------------------|
| 01/20/20 | ISSUED FOR PERMIT |
| 01/20/20 | ISSUED FOR PERMIT |
| 01/20/20 | ISSUED FOR PERMIT |
| 01/20/20 | ISSUED FOR PERMIT |

| PROJECT NO. | PROJECT NAME |
|-----------------------|-----------------------|
| 574 CROTON FALLS ROAD | SMALL RESIDENCE |
| PROJECT LOCATION | 574 CROTON FALLS ROAD |

EXISTING MASONRY GUTTER DETL.



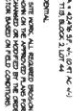
CHANNEL STEP #1



CHANNEL STEP #2



CHANNEL STEP #3



EMBANKMENT SECTION



DIMENSIONS

| STEP | A | B | C | D | E | F | G |
|------|-----|-----|-----|-----|-----|-----|-----|
| 1 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 2 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 3 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 4 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 5 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 6 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 7 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 8 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 9 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |
| 10 | 30" | 30" | 30" | 30" | 30" | 30" | 30" |

SOILS LEGEND

| SYMBOL | SOIL NAME |
|----------|---------------------------|
| (Symbol) | CLAYEY SILT |
| (Symbol) | SILT CLAY |
| (Symbol) | SANDY SILT |
| (Symbol) | SANDY SILT WITH SILT CLAY |

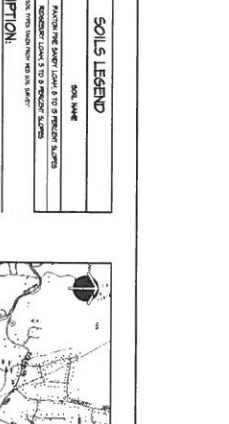
SOIL DESCRIPTION:

1. EXISTING SOILS: CLAYEY SILT, SILT CLAY, SANDY SILT, SANDY SILT WITH SILT CLAY.

2. PROPOSED SOILS: SANDY SILT, SANDY SILT WITH SILT CLAY.

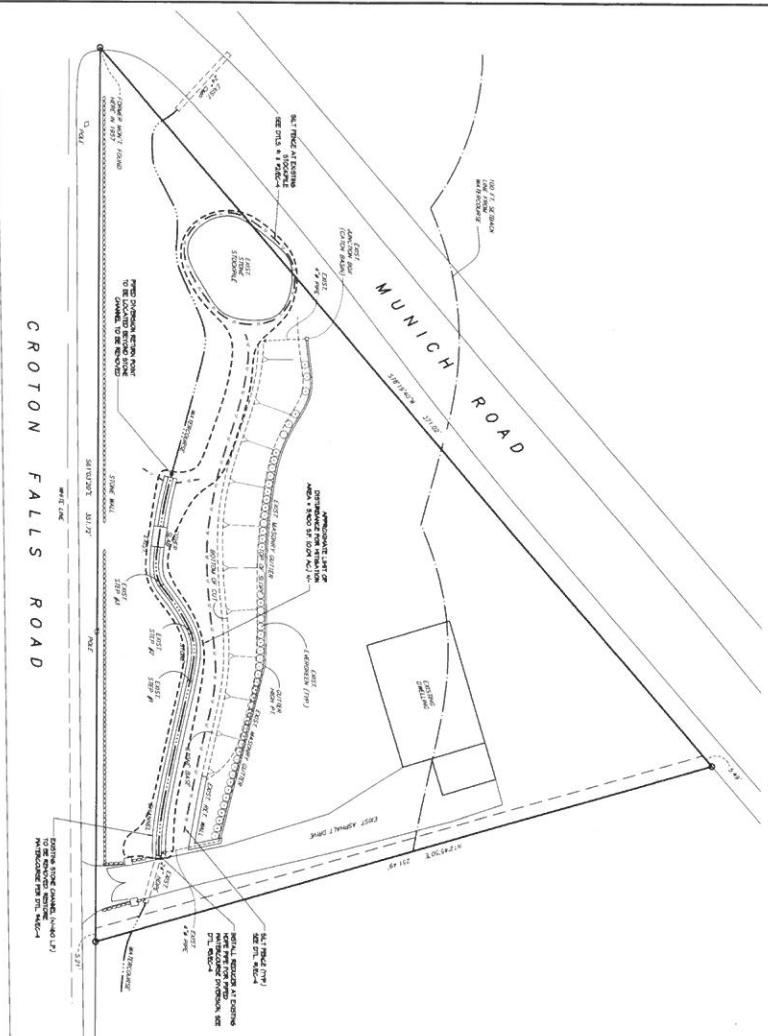
3. PROPOSED SOILS: SANDY SILT, SANDY SILT WITH SILT CLAY.

4. PROPOSED SOILS: SANDY SILT, SANDY SILT WITH SILT CLAY.



PLAN NOTES:

- EXISTING CHANNEL TO REMAIN AS SHOWN. CHANNEL WIDTH IS 4 FT.
- PROPOSED CHANNEL TO BE CONSTRUCTED AS SHOWN. CHANNEL WIDTH IS 4 FT.
- PROPOSED EMBANKMENT TO BE CONSTRUCTED AS SHOWN.
- PROPOSED MASONRY GUTTER TO BE CONSTRUCTED AS SHOWN.
- PROPOSED CHANNEL STEP #1 TO BE CONSTRUCTED AS SHOWN.
- PROPOSED CHANNEL STEP #2 TO BE CONSTRUCTED AS SHOWN.
- PROPOSED CHANNEL STEP #3 TO BE CONSTRUCTED AS SHOWN.
- PROPOSED EMBANKMENT SECTION TO BE CONSTRUCTED AS SHOWN.
- PROPOSED CHANNEL TO BE CONSTRUCTED AS SHOWN.
- PROPOSED EMBANKMENT TO BE CONSTRUCTED AS SHOWN.
- PROPOSED MASONRY GUTTER TO BE CONSTRUCTED AS SHOWN.
- PROPOSED CHANNEL STEP #1 TO BE CONSTRUCTED AS SHOWN.
- PROPOSED CHANNEL STEP #2 TO BE CONSTRUCTED AS SHOWN.
- PROPOSED CHANNEL STEP #3 TO BE CONSTRUCTED AS SHOWN.
- PROPOSED EMBANKMENT SECTION TO BE CONSTRUCTED AS SHOWN.



PLAN LEGEND:
 --- EROSION CONTROL MEASURES
 --- STORMWATER MANAGEMENT MEASURES
 --- UTILITIES
 --- PROPERTY BOUNDARIES



PITMAN ENGINEERING, LLC
 ENGINEERING - ARCHITECTS
 4 OLD STATE 4, BANGOR, NEW YORK 13624
 (845) 754-6154 FAX (845) 754-4154
 P. O. BOX 100, BANGOR, NEW YORK 13624

| NO. | DATE | DESCRIPTION |
|-----|------------|------------------|
| 1 | 08/15/2018 | PRELIMINARY PLAN |
| 2 | 08/15/2018 | REVISIONS |
| 3 | 08/15/2018 | REVISIONS |
| 4 | 08/15/2018 | REVISIONS |
| 5 | 08/15/2018 | REVISIONS |
| 6 | 08/15/2018 | REVISIONS |
| 7 | 08/15/2018 | REVISIONS |
| 8 | 08/15/2018 | REVISIONS |
| 9 | 08/15/2018 | REVISIONS |
| 10 | 08/15/2018 | REVISIONS |

SMALL RESIDENCE
 5TH CROTON FALLS ROAD
 TOWN OF CROTON
 PROJECT NO. 18-001

| DATE | BY | DESCRIPTION |
|------------|-----|------------------|
| 08/15/2018 | PLM | PRELIMINARY PLAN |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |
| 08/15/2018 | PLM | REVISIONS |

MITIGATION PLAN
 EC-2
 SHEET 1 OF 1

STABILIZATION NOTES:

1. STABILIZATION MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
2. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
3. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
4. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
5. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
6. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
7. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
8. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
9. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
10. STABILIZATION MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

ON-SITE POLLUTION CONTROL MEASURES:

1. POLLUTION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
2. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
3. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
4. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
5. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
6. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
7. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
8. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
9. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
10. POLLUTION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

TOWN OF CROTON GENERAL EROSION CONTROL NOTES:

- A. CONSTRUCTION EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- B. CONSTRUCTION EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- C. CONSTRUCTION EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- D. CONSTRUCTION EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- E. CONSTRUCTION EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

EROSION CONTROL GENERAL NOTES:

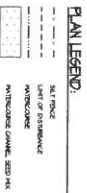
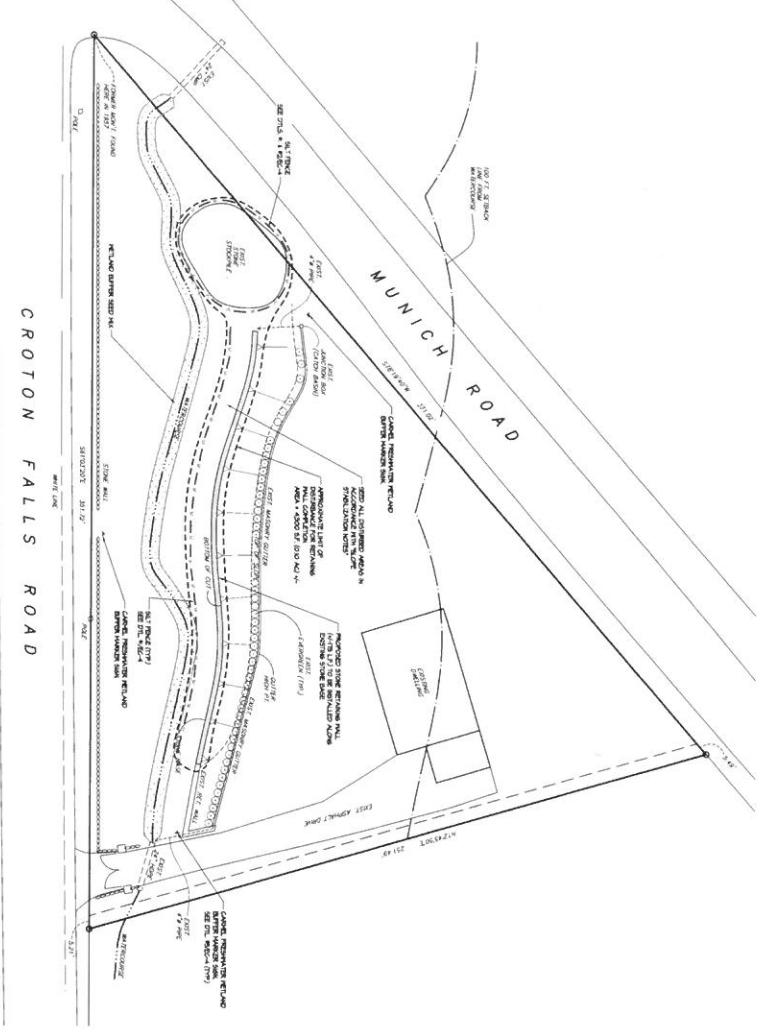
1. EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
2. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
3. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
4. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
5. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
6. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
7. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
8. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
9. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
10. EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

EROSION & SEDIMENT CONTROL MAINTENANCE PLAN:

1. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
2. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
3. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
4. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
5. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
6. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
7. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
8. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
9. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
10. EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

SEQUENCE OF CONSTRUCTION for MITIGATION:

1. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
2. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
3. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
4. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
5. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
6. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
7. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
8. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
9. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
10. CONSTRUCTION OF EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.



PUNYAN ENGINEERING, LLC
ENGINEERS - ARCHITECTS
4 OLD ROUTE 4, BIRMINGHAM, NEW YORK 12004
(518) 276-6194 FAX (518) 276-6194
www.punyan-engineering.com

PROJECT NO. 12-12-12
DATE: 12/12/12
DRAWN BY: [Name]
CHECKED BY: [Name]
DATE: 12/12/12

| REVISION | DATE | DESCRIPTION |
|----------|----------|-----------------------------|
| 1 | 12/12/12 | ISSUE FOR PERMIT |
| 2 | 12/12/12 | REVISED PER CITY COMMENTS |
| 3 | 12/12/12 | REVISED PER STATE COMMENTS |
| 4 | 12/12/12 | REVISED PER COUNTY COMMENTS |

SMALL RESIDENCE
5TH CROTON FALLS ROAD
CROTON FALLS TOWN
PUNYAN ENGINEERING, LLC

| DATE | PROJECT NO. | SCALE |
|----------|-------------|----------|
| 12/12/12 | 12-12-12 | AS SHOWN |

| DATE | PROJECT NO. | SCALE |
|----------|-------------|----------|
| 12/12/12 | 12-12-12 | AS SHOWN |

STABILIZATION NOTES:

- STABILIZATION OF EROSION CONTROL MEASURES SHALL BE AS FOLLOWS:
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

ON-SITE POLLUTION CONTROL MEASURES:

- STABILIZATION OF EROSION CONTROL MEASURES SHALL BE AS FOLLOWS:
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
 - STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

TOWN OF CROTON GENERAL EROSION CONTROL NOTES:

- CONSTRUCTION EROSION CONTROL SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- STABILIZATION SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

EROSION CONTROL GENERAL NOTES:

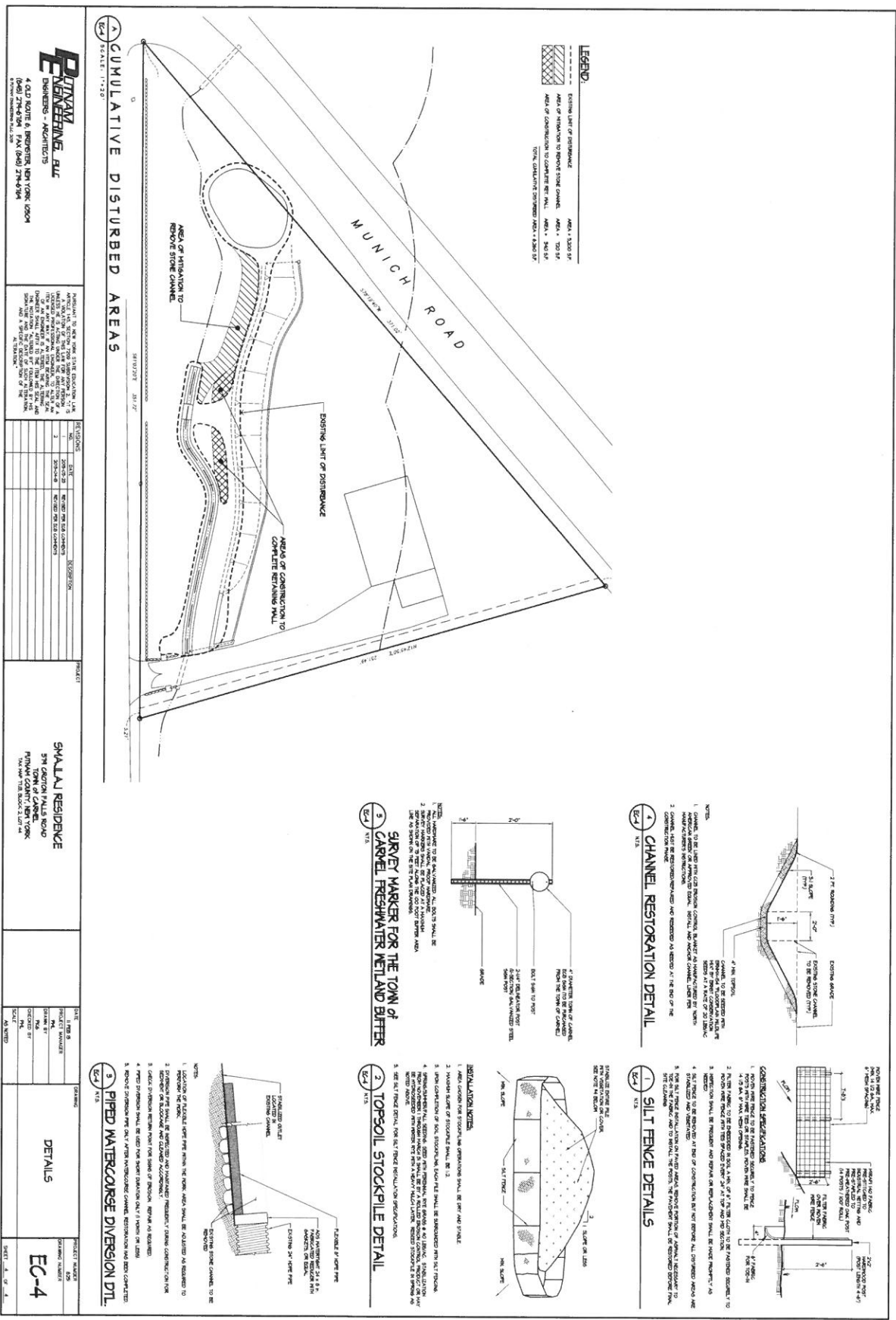
- EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION CONTROL MEASURES SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

EROSION & SEDIMENT CONTROL MAINTENANCE PLAN:

- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.

SEQUENCE OF CONSTRUCTION:

- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.
- EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT.



PERKINS+WILL
 ARCHITECTS
 4100 ROUTE 6, NEWPORT, NEW YORK, 12556
 (845) 278-6794 FAX (845) 278-6794
 6700 WASHINGTON BLVD, SUITE 200
 WASHINGTON, DC 20004

SHALLAL RESIDENCE
 574 CANTON HILLS ROAD
 CANTON HILLS, NEW YORK
 TOWN AND ZONING DISTRICT 14

| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------|
| 1 | 01/15/12 | PRELIMINARY DESIGN |
| 2 | 02/01/12 | FINAL DESIGN |

| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------|
| 1 | 01/15/12 | PRELIMINARY DESIGN |
| 2 | 02/01/12 | FINAL DESIGN |

| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------|
| 1 | 01/15/12 | PRELIMINARY DESIGN |
| 2 | 02/01/12 | FINAL DESIGN |

| NO. | DATE | DESCRIPTION |
|-----|----------|--------------------|
| 1 | 01/15/12 | PRELIMINARY DESIGN |
| 2 | 02/01/12 | FINAL DESIGN |

1 CUMULATIVE DISTURBED AREAS
 SCALE: 1"=20'

2 SURVEY MARKER FOR THE TOWN OF CANTON FRESHWATER WETLAND BUFFER
 SCALE: 1"=10'

3 CHANNEL RESTORATION DETAIL
 SCALE: 1"=10'

4 SILT FENCE DETAILS
 SCALE: 1"=10'

5 PIPED WATERCOURSE DIVERSION DETAIL
 SCALE: 1"=10'

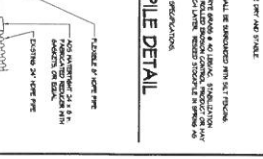
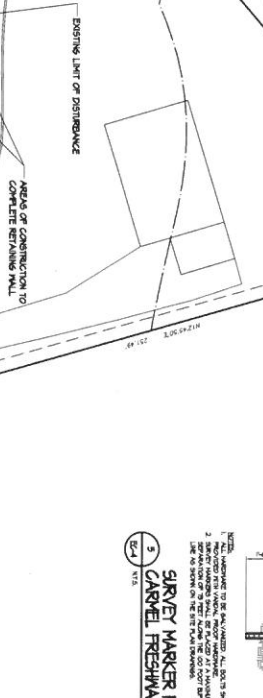
- LEGEND:**
- EXISTING LIMIT OF DISTURBANCE
 - AREA OF PROTECTION TO REMOVE STONE CHANNEL
 - AREA OF CONSTRUCTION TO COMPLETE RETAINING WALL
 - TOWN, CANTONLINE DISTRICTED AREA - 2008 57

- NOTES:**
- CHANNEL TO BE LINED WITH 12" CONC. REINFORCED CONCRETE CHANNEL. CHANNEL BARRIER AS SHOWN IN SECTION 1. CHANNEL BARRIER SHALL BE APPROXIMATELY 24" HIGH AND 12" WIDE. CHANNEL BARRIER SHALL BE CONCRETE. CHANNEL BARRIER SHALL BE CONCRETE. CHANNEL BARRIER SHALL BE CONCRETE.
 - CHANNEL MUST BE RESTORED/REMOVED AND REINSTALLED AS SHOWN AT THE END OF THE CONSTRUCTION PERIOD.

- NOTES:**
- ALL SURVEY MARKERS TO BE RE-LOCATED. ALL SURVEY MARKERS TO BE RE-LOCATED. ALL SURVEY MARKERS TO BE RE-LOCATED. ALL SURVEY MARKERS TO BE RE-LOCATED.
 - ALL SURVEY MARKERS TO BE RE-LOCATED. ALL SURVEY MARKERS TO BE RE-LOCATED. ALL SURVEY MARKERS TO BE RE-LOCATED. ALL SURVEY MARKERS TO BE RE-LOCATED.

- NOTES:**
- CHANNEL RESTORATION DETAIL. CHANNEL RESTORATION DETAIL. CHANNEL RESTORATION DETAIL. CHANNEL RESTORATION DETAIL.
 - CHANNEL RESTORATION DETAIL. CHANNEL RESTORATION DETAIL. CHANNEL RESTORATION DETAIL. CHANNEL RESTORATION DETAIL.

- NOTES:**
- PIPED WATERCOURSE DIVERSION DETAIL. PIPED WATERCOURSE DIVERSION DETAIL. PIPED WATERCOURSE DIVERSION DETAIL. PIPED WATERCOURSE DIVERSION DETAIL.
 - PIPED WATERCOURSE DIVERSION DETAIL. PIPED WATERCOURSE DIVERSION DETAIL. PIPED WATERCOURSE DIVERSION DETAIL. PIPED WATERCOURSE DIVERSION DETAIL.



INSTALLATION NOTES:

- AREA UNDER THE STOCKPILE OPERATIONS SHALL BE GRASS AND STONE.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.

NOTES:

- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.

NOTES:

- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.

NOTES:

- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.

NOTES:

- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.

NOTES:

- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.
- INSTALLATION OF STOCKPILE SHALL BE 12" HIGH.