

RECEIVED
MILFORD TOWN CLERK

2021 JAN 21 AM 10:09

Town of Milford Meeting Notice

Board or Commission: Conservation Commission

Date and Time of Meeting: Wednesday January 27, 2021 at 7.00 P. M

Place of Meeting—Pursuant to Governor Baker's March 12, 2020 order suspending certain provisions of the Open Meeting Law, G.L. c. 30A sec. 18, and the Governor's March 15, 2020 Order concerning imposition of strict limitations on the number of people that may gather in one place, this meeting is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the Order.

PUBLIC HEARINGS

Public Hearing access now requires advanced registration. Any member of the public may now register to access the zoom meeting as an attendee. Public attendees will be able to view the zoom LIVE and request to speak at the Public Hearing. Please register with zoom at <http://tiny.cc/kdi8tz> . All testimony at a public hearing, including documents or exhibits, must be in connection with the matter being considered, and confined to the matter at hand, and will be limited to five minutes to allow for the opportunity for others to participate.

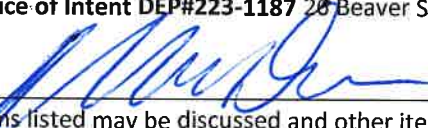
7.00pm General Business

Review & Approve minutes

Public Hearings

1. **Notice of Intent DEP#223-1180** 11-13 Ariana Circle Claro Corporation
2. **Determination of Applicability** 23 Simon Drive Lloyd and Ann Currie
3. **Notice of Intent DEP#223-1188** 0 South Union St New England Power Plant
4. **Notice of Intent DEP#223-1186** 109 Depot St Lisa & Frederico Carneiro
5. **Notice of Intent DEP#223-1185** 21 Beaver St 85 Realty Corp **(CONTINUED)**
6. **Notice of Intent DEP#223-1187** 20 Beaver St 85 Realty Corp **(CONTINUED)**

Signature



Dated

1/21/2021

Not all items listed may be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

Meeting Minutes

December 16, 2020
MINUTES

Chairman Giampetro called the meeting of the Milford Conservation Commission to order via remote participation at 7:03 P.M. Members in attendance via remote participation were Domingos Roda, Derek Atherton, Joseph Zacchilli and Noel Bontempo. Missing were Edward Ross and Paul Braza.

7:04 P.M. - Motion by Zacchilli/ Roda to approve minutes. Un.5

7:05 P.M.- Certificate of Compliance DEP# 223-1116 67 Field Pond Road Sanylah Crossing.

Motion by Roda/ Bontempo to continue hearing. Un.5

7:06 P.M- Certificate of Compliance- DEP# 223-1129 445 East Main St. Dhanada LLC

Present at hearing was Mark Arnold from Goddard Consulting.

Mr. Arnold stated has submitted restoration plan for both areas. Gave overview of wetlands, previous violations and reshaping of parking area.

Chairman Giampietro concerned with culverts.

Member Roda suggests adding elevations and topal to existing as-built.

Motion by Zacchilli/ Roda to continue hearing. Un.5

7:37 P.M.- Determination of Applicability- 13 Casey Drive Peter Quern

Present at hearing was Peter Quern applicant.

Mr. Quern stated proposing to install and irrigation well. Looking to install of the southside of the driveway. Erosion control will be installed.

Motion by Zacchilli/ Roda to close the public hearing and issue a negative determination with condition siltation barriers to be installed prior to any work being sone. Un. 5

7:43 P.M.- Amended Notice of Intent DEP#223-1180 4-6 Ariana Circle Claro Corporation

Present at hearing was Jude Guavin from Andrew Engineering.

Mr. Guavin gave stated moved proposed dwelling 16 feet.

December 16, 2020
Minutes, Page 2

Chairman Giampetro recommends to re-submit plan and changes.

Motion by Roda/ Zacchilli to issue order of conditions. With conditions orders cannot be approved until the revised plans have been updated and submitted. Un. 4

7:49 P.M.- Notice of Intent DEP#223-1180 11-13 Ariana Circle Claro Corporation

Present at hearing was Jud Guavin from Andrews Engineering and applicant David Claro

Motion by Zacchilli/ Roda to continue hearing. Un.5

7:51 P.M- Notice of Intent DEP#223 26 Beaver St 85 Reality Corp.- continued

7:52 P.M.- Notice of Intent DEP#223-1185 21 Beaver St. 85 Realty Corp

Present at hearing was John Nenart from 85 Reality Corp and Scott Goddard from Goddard Consulting.

Mr. Nenart gave overview of for proposed changes project. Has submitted changes and traffic study to town engineer.

Mr. Goddard stated DEP suggested to close out and old order of conditions on project.

Chairman Giampetro recommends to close out each order separately.

Motion by Zacchilli/ Roda to continue hearing to allow town engineer to review proposed changes. Un.5

8:33 P.M.- Motion by Ross/ Zacchilli to adjourn.

Minutes Recorded by:
Loriann Braza

MILFORD CONSERVATION COMMISSION

Agenda Item # 1



OFFICE OF PLANNING
AND ENGINEERING

TOWN OF MILFORD

52 MAIN STREET, MILFORD, MASSACHUSETTS 01757
508-634-2317 Fax 508-473-2394
mdean@townofmilford.com

Michael Dean, P.E.
Town Engineer

January 25, 2020.

Mr. Michael Giampietro, Chairman
Conservation Commission
52 Main Street
Milford, MA, 01757

Re: Ariana Estates – 11 & 13 Ariana Circle (Lot 2)
Notice of Intent for an Individual Lot
D.E.P. File # 223-1180

Dear Mr. Giampietro:

The submittal is a Notice of Intent for 11 & 13 Ariana Circle, an individual lot of Ariana Estates Residential Subdivision. The Applicant is Claro Construction Corp., 81 Camp Street, Milford, MA 01757.

The **revised** Plans **address** the comments in the November 10, 2020 letter.

I recommend the issuance of an Order of Conditions.

Sincerely,

Michael Dean, P.E.
Town Engineer



OFFICE OF PLANNING
AND ENGINEERING

TOWN OF MILFORD

52 MAIN STREET, MILFORD, MASSACHUSETTS 01757
508-634-2317 Fax 508-473-2394
mdean@townofmilford.com

Michael Dean, P.E.
Town Engineer

November 10, 2020

Mr. Michael Giampietro, Chairman
Conservation Commission
52 Main Street
Milford, MA, 01757

Re: Ariana Estates – 11 & 13 Ariana Circle (Lot 2)
Notice of Intent for an Individual Lot

Dear Mr. Giampietro:

The submittal is a Notice of Intent for 11 & 13 Ariana Circle, an individual lot of Ariana Estates Residential Subdivision. The Applicant is Claro Construction Corp., 81 Camp Street, Milford, MA 01757.

The site consists of 18,005 SF of land, Zoned as General Residential (RA). The parcel refers to the Town Assessors Map 52, Block 293, Lot 2.

This project / Lot has already been in front of the commission at the last meeting on October 21, 2020. The hearing was opened and discussions took place between the commission, applicants representative and abutters. During the meeting the commission had raised some concerns and asked for additional information, specifically, the existing elevations of the brook and elevations of the abutting land on the south side of the brook. The commission then asked the Town Engineer to research any existing files / plans that may contain the above referenced information.

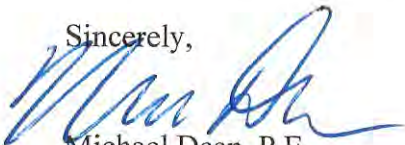
I have reviewed the files and found a filing for a pool installation at 7 Carven Road, the plans have no topography or spot elevations, as this filing was simply to convert a lawn area into an inground pool area. The Town's GIS shows the abutting land at an approximate elevation of 270, see the attached Exhibit.

Following a review of the submitted documents I offer the following:

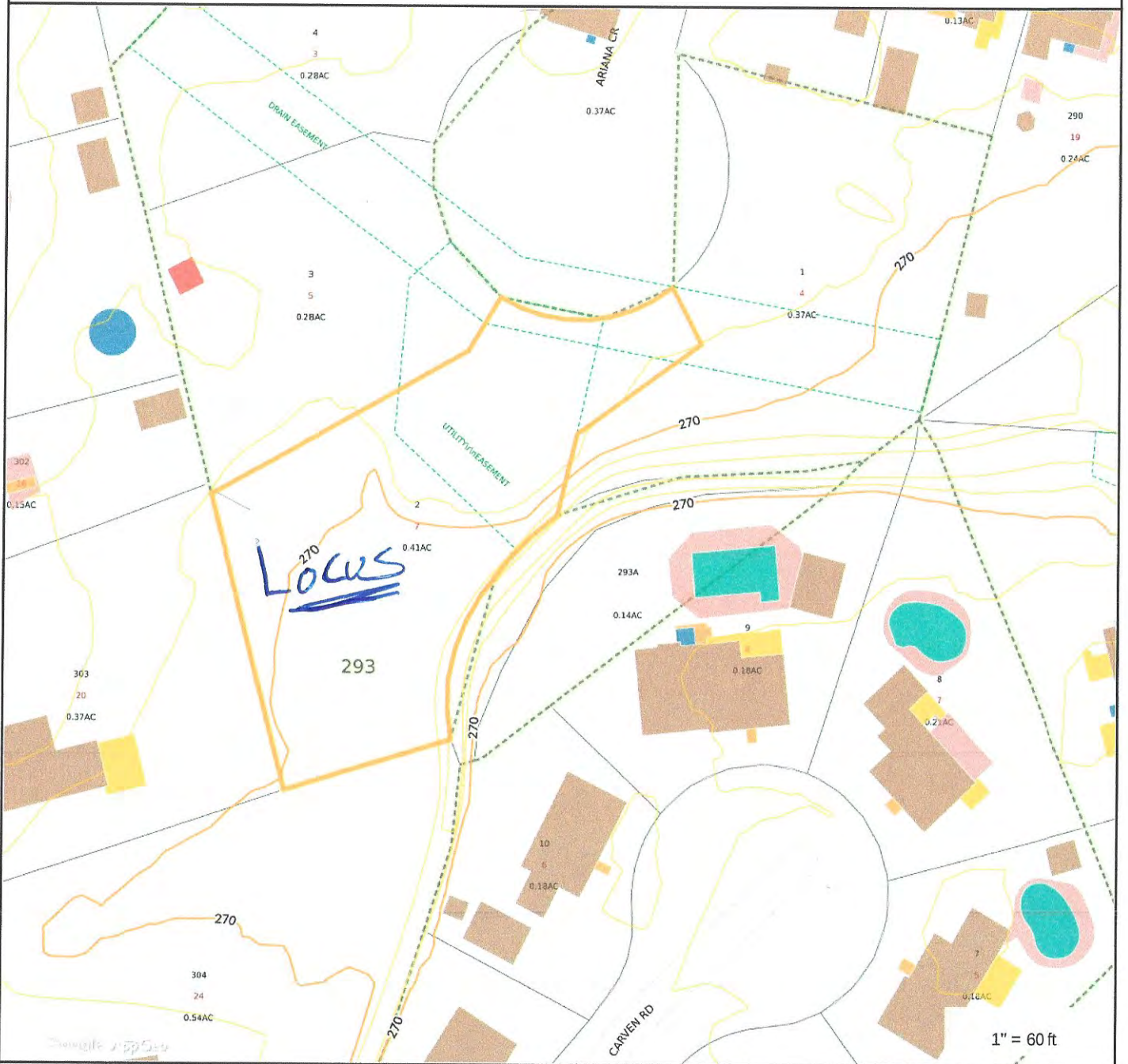
- The submitted plans (and previous subdivision plans) show some level of detail of the brook and what appears to be boulders along the edge of said brook. This detail work may possibly contain the information pertaining to the above referenced request by the commission (existing elevations of the brook and elevations of the abutting land on the south side of the brook). There may be a possibility that the original survey has the spot elevations of such detail work, this should be further researched and the elevations should be provided per the commission's request.
- The plans show a proposed driveway over the existing underground detention basin. The applicants engineer shall provide a detail of the **existing** basin with the proposed driveway and certify the **existing** underground basin is built to accommodate traffic loading (H-20). The detail should include items such as the type of the existing chambers, model number, the amount of crushed stone, amount of cover materials and type, etc.

The above items should be addressed prior to approval.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Michael Dean', is written over the typed name.

Michael Dean, P.E.
Town Engineer



Property Information
Property ID 52-293-2
Location 7 ARIANA CIR
Owner LILY BEAN LLC &



**MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT**

Town of Milford, MA makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated March 2018
Data updated 11/16/2019

LEGEND

EXISTING	PROPOSED
× 232.6	13.3
SPOT ELEVATION	FG × 232.6
MAJOR ELEVATION CONTOUR	100
MINOR ELEVATION CONTOUR	100
12" MAPLE	12" MAPLE
PROMINENT DECIDUOUS TREE WITH SIZE AND SPECIES	18" PINE
18" PINE	18" PINE
PROMINENT CONIFEROUS TREE WITH SIZE AND SPECIES
SURFACE RUNOFF DIRECTION	D
STORM DRAIN WITH FLARED END W/ RIPRAP APRON	D
STORM DRAIN WITH HEADWALL OVERHEAD WIRE	D
OHW	OHW
E	E
ELECTRIC MANHOLE & UNDERGROUND ELECTRIC LINES	WS
WS	WS
WATER SERVICE	FS
FS	FS
FIRE SERVICE	FM
FM	FM
FORCE MAIN	T
TELEPHONE MANHOLE & UNDERGROUND TELEPHONE LINES	S
T	S
SEWER LINE & MANHOLE SIZE MATERIAL & FLOW DIRECTION	CB
CB	DMH
DRAINLINE W/ PIPE SIZE, MATERIAL & FLOW DIRECTION, CATCH BASIN MANHOLE & ROUND CATCH BASIN	RD
RD	UD
ROOF DRAIN AND DOWNSPOUT	FD
PERFORATED UNDERDRAIN	W
FOUNDATION DRAIN	W
WATER MAIN AND VALVE	P
FUEL OR CRUDE OIL	G
PROPANE LINE	G
GAS LINE AND VALVE	CO
BURIED COMMUNICATIONS AND MANHOLE CATCH BASIN	CO
DOUBLE GRATE CATCH BASIN	E
PULLBOX OR HANDHOLE	E
TRANSFORMER PAD	B
BOLLARD LIGHT	B
STREET LIGHT OR SITE LIGHT / POLE UTILITY POLE WITH GUY & DESTINATION	FH
FIRE HYDRANT	FH
WATER SHUTOFF	W
DOMESTIC WELL	W
PROPERTY LINE	AP
APPROXIMATE ABUTTER LINE	AP
EASEMENT LINE	AP
TOWN LINE	AP
BUILDING SETBACK	AP
BEARING & DISTANCE ALONG BOUNDARY	55.36'
STONE WALL	N120°48'23"E
ELEVATION BENCH MARK	55.36'
BARBED WIRE	6' CLF
CHAIN LINK FENCE WITH HEIGHT	6' CLF
WOOD FENCE WITH HEIGHT	6' CLF
GRAVEL OR DIRT ROAD	VGC
EDGE OF PAVEMENT	VGC
CURB (SEE ABBREVIATIONS)	VGC
STREET, TRAFFIC OR AD SIGN	VGC
BUILDING, LIGHT, STEPS & OVERHANG	VGC

ABBREVIATIONS

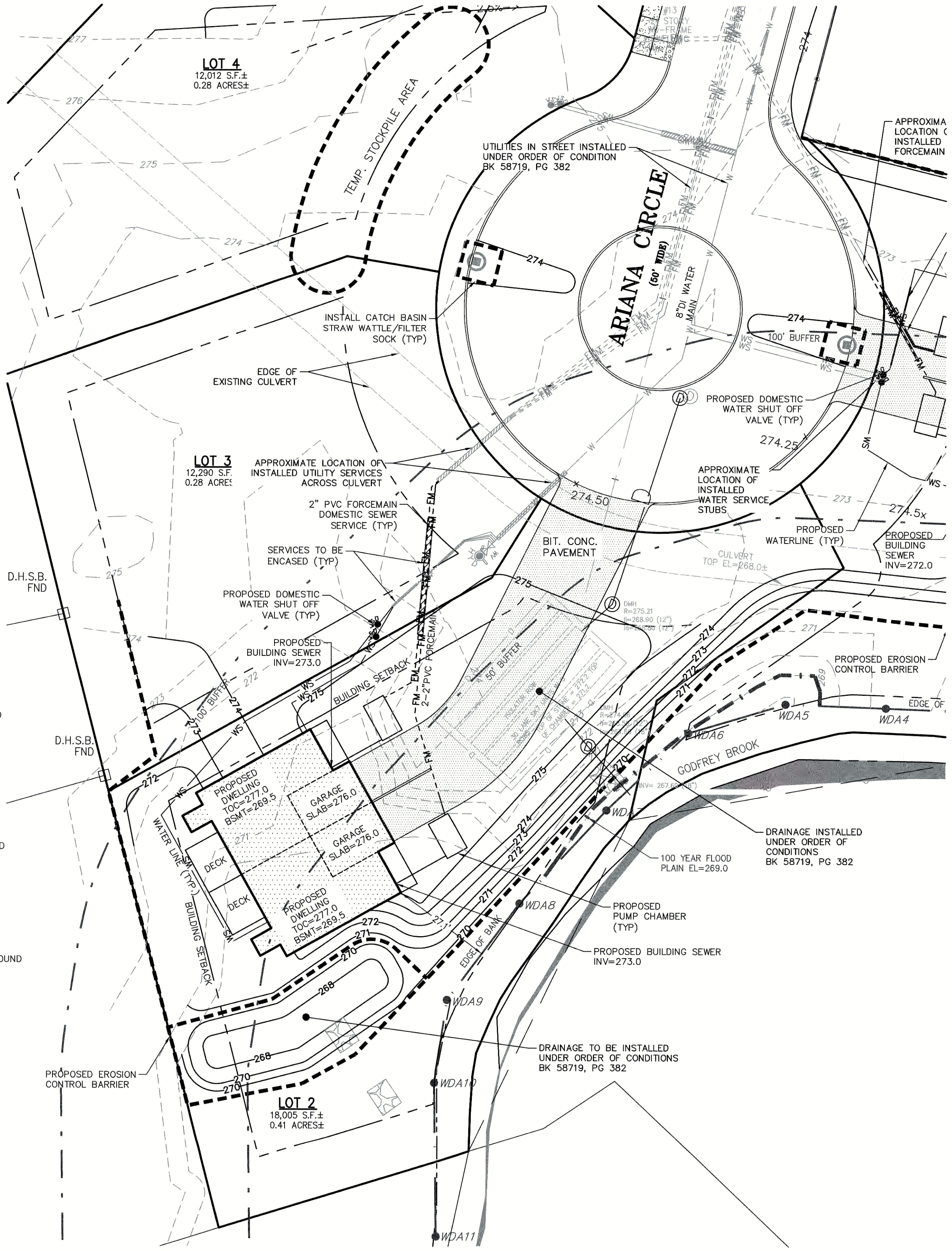
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	BM	BENCHMARK
ADA	AMERICANS WITH DISABILITIES ACT	CB	CATCH BASIN
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	CB	CATCH BASIN
BC	BOTTOM OF CURB	CB	CATCH BASIN
BLDG	BUILDING	CB	CATCH BASIN
BSMT	BASEMENT	CB	CATCH BASIN
CB	CATCH BASIN	CB	CATCH BASIN
CLF	CHAIN LINK FENCE	CB	CATCH BASIN
CO	CLEANOUT	CB	CATCH BASIN
CONC	CONCRETE	CB	CATCH BASIN
CONF	CONIFEROUS TREE	CB	CATCH BASIN
DECID	DECIDUOUS TREE	CB	CATCH BASIN
DIA	DIAMETER	CB	CATCH BASIN
DMH	DRAIN MANHOLE	CB	CATCH BASIN
EL ELEV	ELEVATION	CB	CATCH BASIN
ELEC	ELECTRICAL	CB	CATCH BASIN
ESC	EROSION AND SEDIMENT CONTROL	CB	CATCH BASIN
ESHGW	ESTIMATED SEASONAL HIGH GROUND WATER	CB	CATCH BASIN
EX, EXIST	EXISTING	CB	CATCH BASIN
FFE	FINISH FLOOR ELEVATION	CB	CATCH BASIN
FNDN	FOUNDATION	CB	CATCH BASIN
FG	FINISH GRADE	CB	CATCH BASIN
HOR	HORIZONTAL	CB	CATCH BASIN
HWM	HIGH WATER MARK	CB	CATCH BASIN
HYD	FIRE HYDRANT	CB	CATCH BASIN
INV	INVERT	CB	CATCH BASIN
MAX	MAXIMUM	CB	CATCH BASIN
MH	MANHOLE	CB	CATCH BASIN
MIN	MINIMUM	CB	CATCH BASIN
MISC	MISCELLANEOUS	CB	CATCH BASIN
NTS	NOT TO SCALE	CB	CATCH BASIN
OHW	OVER HEAD WIRE	CB	CATCH BASIN
PROP	PROPOSED	CB	CATCH BASIN
PSTR	POST AND RAIL FENCE	CB	CATCH BASIN
RET WALL	RETAINING WALL	CB	CATCH BASIN
RR	RAILROAD	CB	CATCH BASIN
SMH	SEWER MANHOLE	CB	CATCH BASIN
STCK	STOCKADE FENCE	CB	CATCH BASIN
TOC	TOP OF CURB	CB	CATCH BASIN
TEMP	TEMPORARY	CB	CATCH BASIN
TP/TH	TEST PIT/TEST HOLE	CB	CATCH BASIN
TW	TOP OF WALL	CB	CATCH BASIN
TYP	TYPICAL	CB	CATCH BASIN
U.P.	UTILITY POLE	CB	CATCH BASIN
VERT	VERTICAL	CB	CATCH BASIN
BCC	BITUMINOUS CONCRETE CURB	AC	ACRES
BM	BENCHMARK	AC-FT	ACRE-FOOT
CA	CALCULATED	CF	CUBIC FEET
CB	CAPE COD BERM	CFS	CUBIC FEET PER SECOND
CB	CATCH BASIN	CY	CUBIC YARDS
CB	CATCH BASIN	FPM	FEET PER MINUTE
CB	CATCH BASIN	FPS	FEET PER SECOND
CB	CATCH BASIN	FT	FEET
CB	CATCH BASIN	FM	GALLONS PER MINUTE
CB	CATCH BASIN	HP	HORSEPOWER
CB	CATCH BASIN	HR	HOURS
CB	CATCH BASIN	IN	INCHES
CB	CATCH BASIN	IN	INCHES
CB	CATCH BASIN	KWH	KILOWATT HOUR
CB	CATCH BASIN	LB	POUNDS
CB	CATCH BASIN	LF	LINEAR FEET
CB	CATCH BASIN	MG	MILLION GALLONS
CB	CATCH BASIN	MGD	MILLION GALLONS PER DAY
CB	CATCH BASIN	MGL	MILLIGRAMS PER LITER
CB	CATCH BASIN	MI	MILES
CB	CATCH BASIN	MPH	MILES PER HOUR
CB	CATCH BASIN	PSI	POUNDS PER SQUARE INCH
CB	CATCH BASIN	SF	SQUARE FEET
CB	CATCH BASIN	T	TONS
CB	CATCH BASIN	V	VOLTS
CB	CATCH BASIN	W	WATTS

GENERAL NOTES:

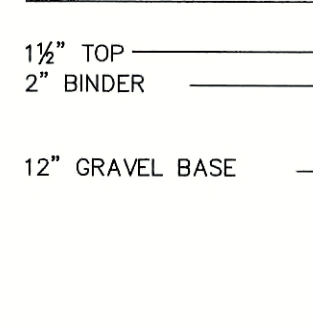
1. LOCATION OF EXISTING UNDERGROUND UTILITIES/OBSTRUCTIONS/SYSTEMS SHOWN HEREON ARE APPROXIMATE ONLY. ALL UTILITIES/OBSTRUCTIONS/SYSTEMS MAY NOT BE SHOWN. LOCATE AND PROTECT ALL UNDERGROUND UTILITIES/OBSTRUCTIONS/SYSTEMS, WHETHER OR NOT SHOWN HEREON.
2. INSTALL ALL NEW UTILITIES UNDERGROUND, UNLESS SPECIFICALLY INDICATED OTHERWISE.
3. BURIED UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THEIR RESPECTIVE COMPANY.
4. CONSTRUCTION LAYOUT OF BUILDING AND/OR SITE IMPROVEMENTS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. LOCATIONS OF EXISTING FEATURES OR PROPOSED IMPROVEMENTS DERIVED BY SCALING DRAWINGS MAY NOT BE ACCURATE. PROPERTY LINES SHOWN HEREON ARE APPROXIMATE. SEE PLAN REFERENCE HEREON.
5. CONTRACTOR IS RESPONSIBLE FOR SAFETY MEASURES, CONSTRUCTION METHODS, AND CONTROL OF WORK.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS AND/OR REPLACEMENT OF ANY EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION THAT ARE NOT DESIGNATED FOR DEMOLITION AND/OR REMOVAL HEREON. DAMAGED UTILITIES OR STRUCTURES SHALL BE REPAIRED TO THE SATISFACTION OF THEIR RESPECTIVE OWNERS.
7. ANY INTENDED REVISION OF HORIZONTAL AND/OR VERTICAL LOCATION OF IMPROVEMENTS TO BE CONSTRUCTED AS SHOWN HEREON SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
8. CONTRACTOR SHALL NOTIFY ENGINEER UPON COMPLETION OF CONSTRUCTION IN ORDER TO ENSURE THAT REQUIRED INSPECTIONS ARE PERFORMED IN A TIMELY AND EFFICIENT MANNER.
9. CONTRACTOR SHALL PROMPTLY NOTIFY ENGINEER UPON DISCOVERY OF ANY UNFORESEEN SURFACE OR SUBSURFACE CONDITIONS THAT MAY IMPACT SITE CONSTRUCTION.
10. FINISH RIM ELEVATIONS SHOULD MATCH FINISH PAVEMENT, GRADING OR LANDSCAPING SURFACE, UNLESS SPECIFICALLY INDICATED OTHERWISE.
11. WHERE EXISTING UTILITY LINES/STRUCTURES ARE TO BE CUT/BROKEN DOWN/ABANDONED, LINES/STRUCTURES SHALL BE PLUGGED/CAPPED/FILLED IN ACCORDANCE WITH UTILITY OWNER REQUIREMENTS.
12. EROSION CONTROL MEASURES SUCH AS SILT FENCE OR HAY BALES AS MAY BE SHOWN HEREON, SHALL BE INSTALLED BEFORE EARTH DISTURBANCE OCCURS WITHIN BUFFER ZONES, AND SHALL SERVE AS THE LIMIT OF WORK.
13. WHERE THE WORD "INSTALL" IS USED HEREIN, IT IS INTENDED TO DIRECT CONTRACTOR TO FURNISH, INSTALL AND PLACE IN OPERATION THE COMPONENT REFERRED TO.
14. LIMIT OF WORK SHALL BE STAKED IN THE FIELD PRIOR TO COMMENCEMENT OF CONSTRUCTION.
15. WHERE SHOWN, CONSTRUCTION NOTES ARE INTENDED TO SUMMARIZE AND CLARIFY MAJOR ITEMS OF WORK. THESE NOTES SHOULD NOT BE CONSTRUED AS AN EXHAUSTIVE LISTING OF ALL WORK REQUIRED. CONTRACTOR SHOULD CONTACT ENGINEER WHEN FURTHER CLARIFICATION OF DEPICTED WORK IS DESIRED.
16. WHERE DIMENSIONS INVOLVE CURB, DIMENSIONS ARE TO FACE OF CURB. WHERE SLOPED GRANITE CURB OR CAPE COD BERM IS SPECIFIED, FACE OF CURB IS EDGE OF FINISH PAVEMENT AT TOE OF CURB.
17. NO DEBRIS, JUNK RUBBISH OR OTHER NON-BIODEGRADABLE MATERIALS, FILL CONTAINING HAZARDOUS MATERIALS OR WASTES, OR STUMPS SHALL BE BURIED ON ANY LAND ON THIS SITE, OR LEFT ON ANY LOT OR ON THE STREET RIGHT OF WAY.

REGULATORY NOTES:

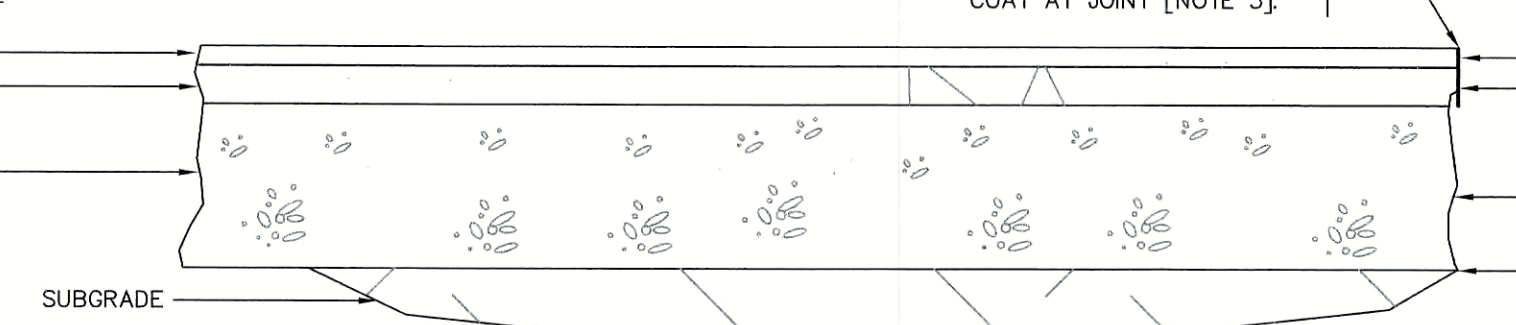
1. CONTRACTOR SHALL CONTACT DIG-SAFE FOR UNDERGROUND UTILITY MARKING AT 888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF ANY WORK. CONTRACTOR SHALL GIVE 24-HOUR NOTICE TO PERTINENT TOWN DEPARTMENTS BEFORE COMMENCING ANY WORK IN THE FIELD.
2. CONTRACTOR SHALL COORDINATE AND OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY REGULATORY AUTHORITIES.
3. CONTRACTOR SHALL BE AWARE OF ALL CONSTRUCTION REQUIREMENTS, CONDITIONS, AND LIMITATION IMPOSED BY PERMITS AND APPROVALS ISSUED BY REGULATORY AUTHORITIES PRIOR TO COMMENCEMENT OF ANY WORK.
4. COMPLETE ALL PIPING WORK THAT IS OUTSIDE OF BUILDING AND LESS THAN 10 FEET FROM THE INSIDE FACE OF BUILDING FOUNDATION IN CONFORMANCE WITH THE UNIFORM STATE PLUMBING CODE OF MASSACHUSETTS, 248 CMR 2.00.
5. UTILITY EASEMENTS ARE PREVIOUSLY RECORDED. SEE PB 942, PL 41 AT THE WORCESTER REGISTRY OF DEEDS FOR EASEMENT INFORMATION.



COURSE THICKNESS



APPLY FULL COVERAGE TACK COAT AT JOINT [NOTE 3]



MATERIAL	SPECIFICATION	MAXIMUM AGGREGATE OR PARTICLE SIZE (IN.)
TOP - BITUMINOUS CONCRETE	MHD M3.11.03 CLASS I, TYPE I-1	3/4
BINDER - BITUMINOUS CONCRETE	MHD M3.11.03 CLASS I, TYPE I-1	3/4
BASE - GRAVEL BORROW [NOTE 2]	MHD M1.03.0 TYPE B	3
UNSUITABLE SUBGRADE - ORDINARY BORROW	ON-SITE EXCAVATED MATERIAL	12

- NOTES:**
- [1] COMPACT TO TEST AVERAGE OF 95% NO TEST LOWER THAN 93%.
 - [2] ACCEPTABLE SUBSTITUTE MATERIAL: 3/4" MINUS DENSE GRADED CRUSHED STONE.
 - [3] EXISTING PAVEMENT SHALL BE SAW CUT VERTICALLY AT FINAL JOINT LOCATIONS.

BITUMINOUS CONCRETE PAVEMENT

TYPICAL CROSS SECTION NOT TO SCALE

- NOTES:**
1. MANUFACTURER OF STORMWATER CHAMBERS REQUIRES 2" OF COVER FROM TOP OF CHAMBER TO THE TOP OF PAVEMENT.
 2. TOP OF STORMWATER CHAMBERS = 271.2 WITH 12" OF STONE ON TOP = 272.2. TOP OF PAVEMENT = 275 (MIN.) COVER PROVIDED = 275.0 - 271.2 = 3.8".
 3. SEE BITUMINOUS CONCRETE PAVEMENT DETAIL FOR MATERIAL DEPTHS.

ASE
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

OWNER OF RECORD:
LILY BEAN LLC & CLARO CONSTRUCTION CORP
32 NORTHE STREET
MILFORD, MA 01757

MILFORD ASSESSORS INFORMATION:
MAP 20, PARCEL 293-1 & PARCEL 293-2
TOTAL PARCEL AREA:
PARCEL 293-1: 16,005± S.F. (0.37± AC.)
PARCEL 293-2: 18,005± S.F. (0.41± AC.)

PLAN REFERENCES:
1. DEFINITIVE PLAN OF LAND, ARIANA ESTATES, MILFORD, MA, PREPARED BY GUERRIERE & HALNON, INC, REVISED FINAL DATE 5/7/2018, SHEETS 1-7.
2. P.B. 942, PL. 41
3. DETENTION POND AS-BUILT PLAN, ARIANA ESTATES IN MILFORD, MA PREPARED FOR: LILY BEAN LLC AND CLARO CONSTRUCTION CORP. PREPARED BY: GUERRIERE & HALNON, INC. DATED 1/20/21 PLAN #0-9938

OTHER REFERENCES:
1. ORDER OF CONDITIONS ISSUED: 4/20/2018, RECORD AT THE WORCESTER REGISTRY OF DEEDS, P.B. 58719, PG 382

DRAWING ISSUED FOR:
PERMIT
THIS PLAN IS INTENDED TO SHOW CONSTRUCTIBILITY AND MAY NOT SHOW ALL CONSTRUCTION DETAILS AND SPECIFICATIONS FOR THE PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION ITEMS/AREAS OF CONTRACTOR JURISDICTION.

REVISIONS

NO.	DATE	DESCRIPTION
1	1/20/21	UPDATE ELEVATIONS OF DRAINAGE CHAMBERS

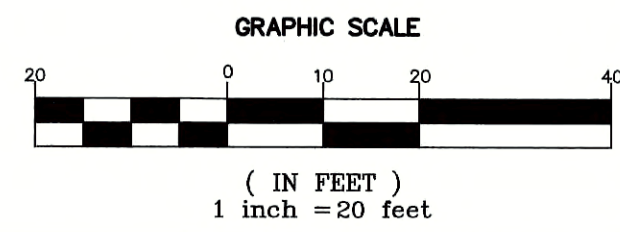
SHEET TITLE
CONSERVATION PLAN FOR LOT 2 ARIANA CIRCLE

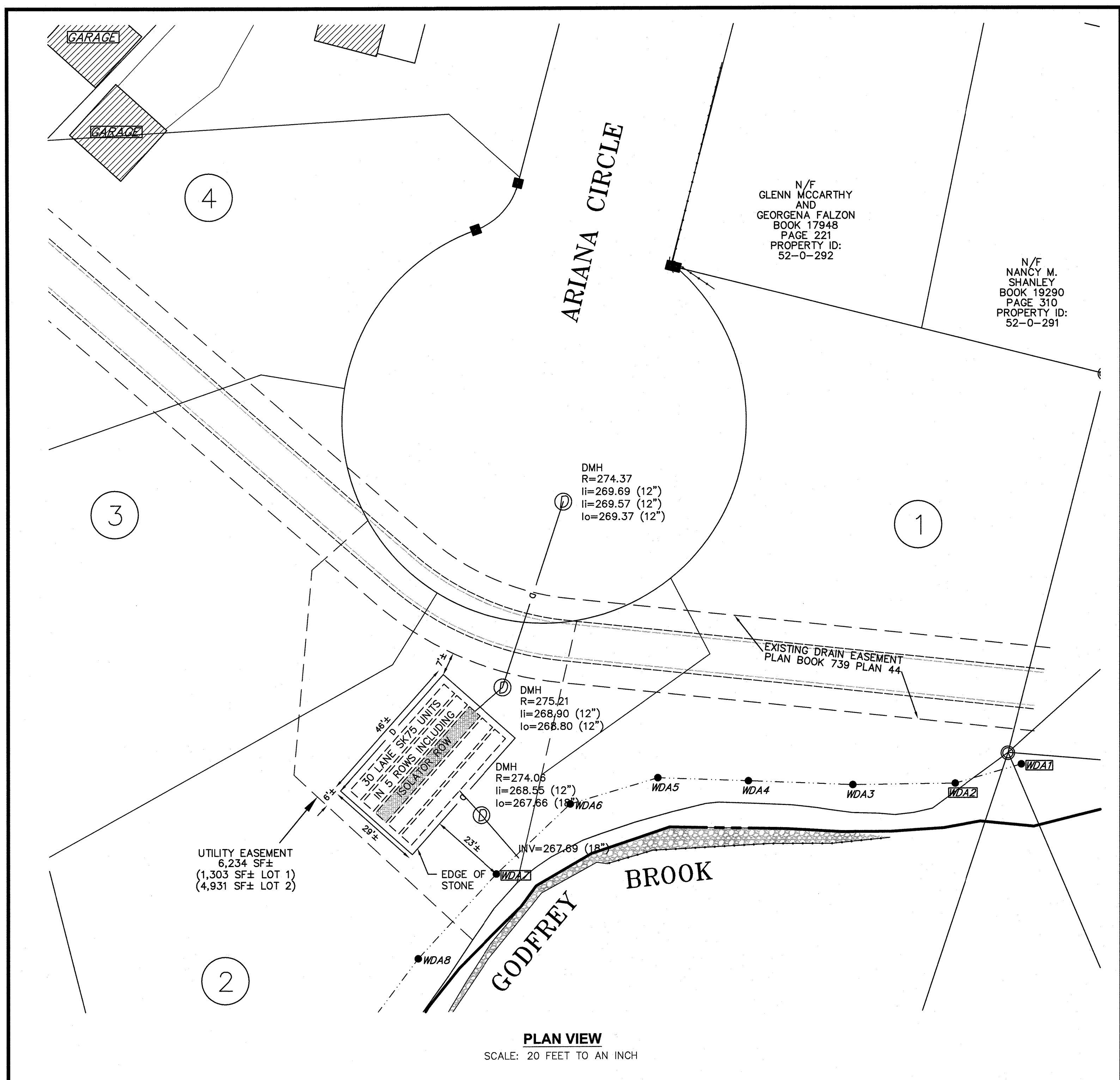
PROJECT:
ARIANA ESTATES
NOTICE OF INTENT
ARIANA CIRCLE
MILFORD, MA 01757

OWNER/APPLICANT:
CLARO CONSTRUCTION CORP.
81 CAMP STREET
MILFORD, MA 01757

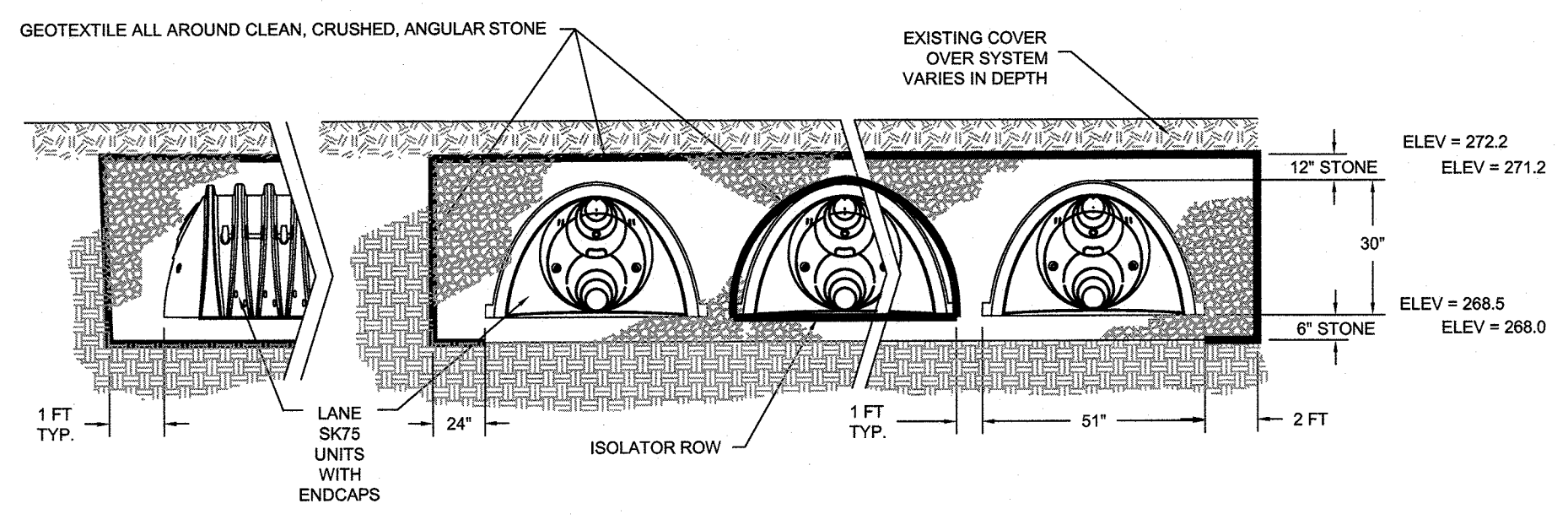
DES BY: KNL DATE: OCTOBER 7, 2020
CHK BY: RMM PROJECT NO. 2019-293

C1





PLAN VIEW
SCALE: 20 FEET TO AN INCH



SECTION/PROFILE VIEW
SCALE: NONE

C:\3D\Milford\G-9938\DWG\Survey Drawings\G-9938 ASB rev 2021-01-20.dwg

Guerriere & Halnon, Inc.
ENGINEERING & LAND SURVEYING
333 WEST STREET PH. (508) 473-6630
MILFORD, MA 01757 FX. (508) 473-8243
www.gandhengineering.com

COMMONWEALTH OF MASSACHUSETTS
ELIZABETH A. MARINI-SANCHINI
REGISTERED PROFESSIONAL ENGINEER
NO. 21966
DATE: 1/20/21

OWNER
LILY BEAN LLC
32 NORTH STREET, MILFORD MA 01757
AND
CLARO CONSTRUCTION CORP.
81 CAMP STREET, MILFORD MA 01757
BOOK 57155 PAGE 264

DETENTION POND AS-BUILT PLAN
ARIANA ESTATES
IN
MILFORD, MA
SCALE: 20 FEET TO AN INCH
DATE: DECEMBER 14, 2020
REVISED: JANUARY 20, 2021

Agenda Item # 2



OFFICE OF PLANNING
AND ENGINEERING

TOWN OF MILFORD

52 MAIN STREET, MILFORD, MASSACHUSETTS 01757
508-634-2317 Fax 508-473-2394
mdean@townofmilford.com

Michael Dean, P.E.
Town Engineer

M E M O R A N D U M

TO: Mr. Michael Giampietro, Chairman – Conservation Commission
FROM: Michael Dean, P.E. *MD*
DATE: January 12, 2021
SUBJECT: **23 Simon Drive – Determination of Applicability – Tree Removal**

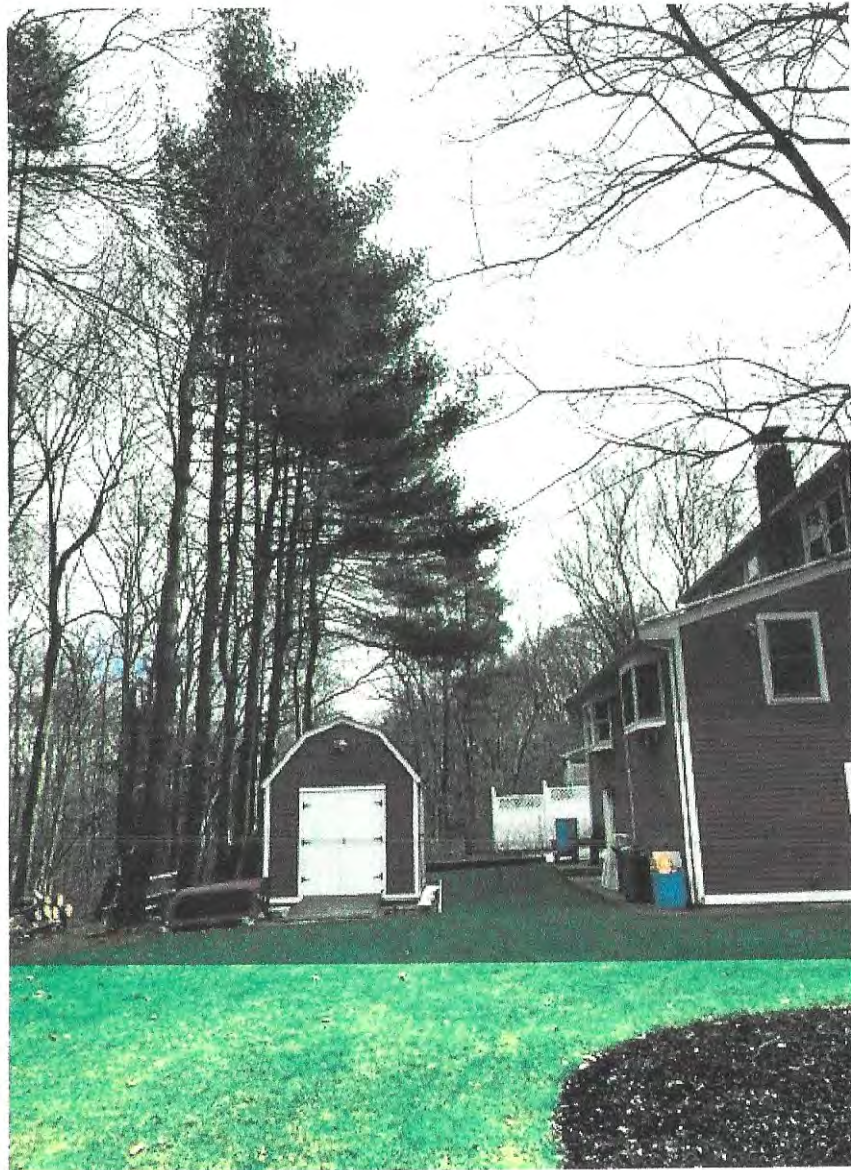
The Owners / Applicant, Lloyd & Ann Currie, of 23 Simon Drive, Milford Ma, 01757 have filed a Determination of Applicability to remove 5 Pine trees located at their residence.

Following a review of the submitted documents and a site inspection, it is found that the five (5) trees are located in the rear yard and are in close proximity to the house. One of the 5 trees has sustained damage already. The canopy of the trees is essentially “one sided”, which is the side towards the house, posing more of a risk to the structure.

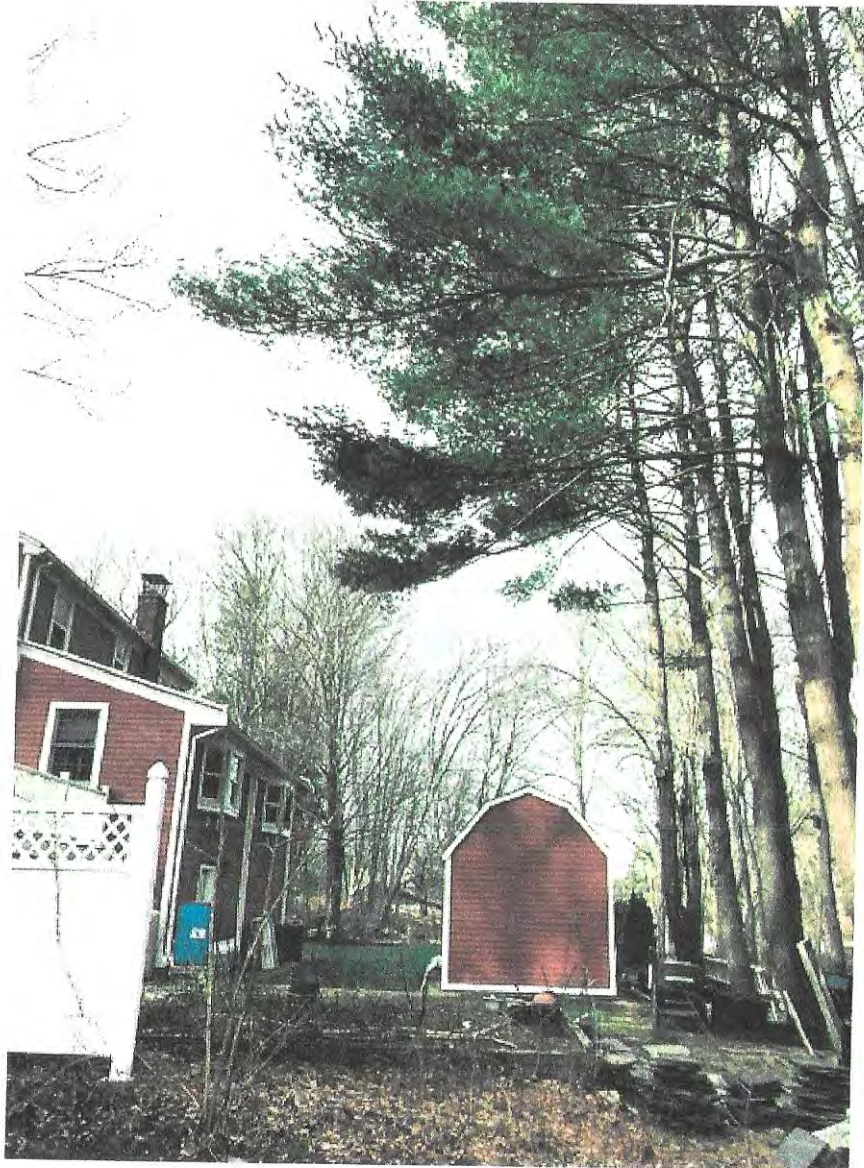
The pine trees were planted, they are not naturally occurring, as seen in the photos, they are all in a straight line. The closest distance to the wetlands is approximately 15-feet.

Erosion control should be installed if stump grinding activity is going to take place.

I recommend a **negative** determination of applicability.







Agenda Item # 3



OFFICE OF PLANNING
AND ENGINEERING

TOWN OF MILFORD

52 MAIN STREET, MILFORD, MASSACHUSETTS 01757
508-634-2317 Fax 508-473-2394
mdean@townofmilford.com

Michael Dean, P.E.
Town Engineer

January 13, 2021

Mr. Michael Giampietro, Chairman
Conservation Commission
52 Main Street
Milford, MA, 01757

Re: **New England Power Company** – C129/D130 Sky Wrap Fiber Installation
Notice of Intent - Installation of 2 Wooden Poles
D.E.P. File # 223-1188

Dear Mr. Giampietro:

The submittal is for a Notice of Intent (NOI) associated with the C129/D130 Sky Wrap Fiber Project for the installation of 2 Wooden Poles. The location of the proposed activity (pole installation) is 0 South Union Street (parcel 1) and 14 South Cedar Street (parcel 2). The Applicant is the New England Power Company, 40 Sylvan Road, Waltham, MA 02451.

The C129/D130 Sky Wrap Fiber Project, as a whole, consists of the installation of 2 sky wrap fiber optic cables along 17 miles of existing Power Lines (Right of Ways), spanning between Milford and Millbury. Almost all the work (associated with this project) is exempt under the Utility Maintenance Exemption in the Wetlands Protection Act (WPA) (310 CMR 10.02(2)(a)(2)). The installation of the 2 wooden poles is not exempt, but in this case, this activity qualifies as a Limited Project.

The area of the installation of the 2 wooden poles is behind (east) what used to be referred to as “Pheasant Run” apartments (off of Depot Street), north east of the Vernon Grove Cemetery, east of the railroad and approximately 500+ feet west of the Charles River. Following a review of the documents I offer the following comments:

1. The area is comprised of several different resource areas, wetlands, small intermittent streams, land subject to flooding, etc., it is suggested that the activity proposed in this area be performed during the dry months of the year to minimize the impacts to the resource areas. This is also suggested by DEP.

2. The applicant / contractors should use the existing trails / cart paths to the maximum extent possible to minimize disturbance to the resource areas.
3. The applicant's representative should submit some type of monitoring program to demonstrate the successful revegetation of all disturbed areas. This is also suggested by the DEP.

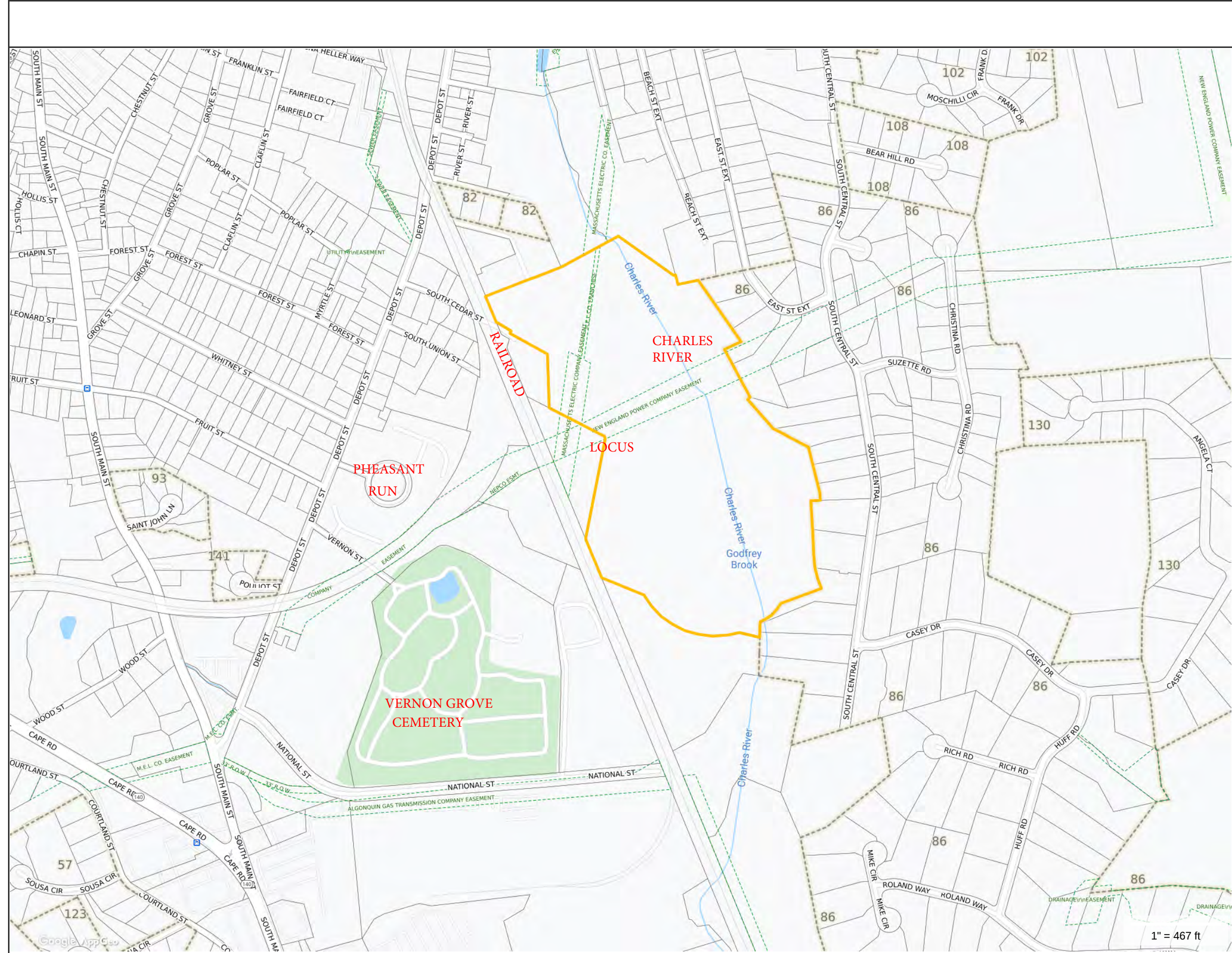
The above items should be discussed prior to the issuance of an Order of Conditions.

Sincerely,



Michael Dean, P.E.

Town Engineer



Property Information
Property ID 53-0-21
Location 14 SOUTH CEDAR ST
Owner MILFORD WATER CO



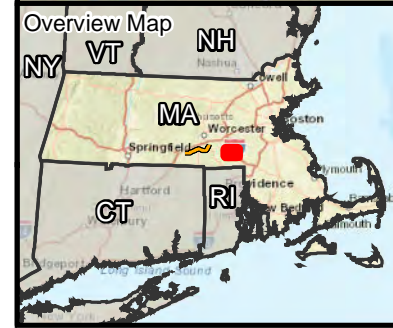
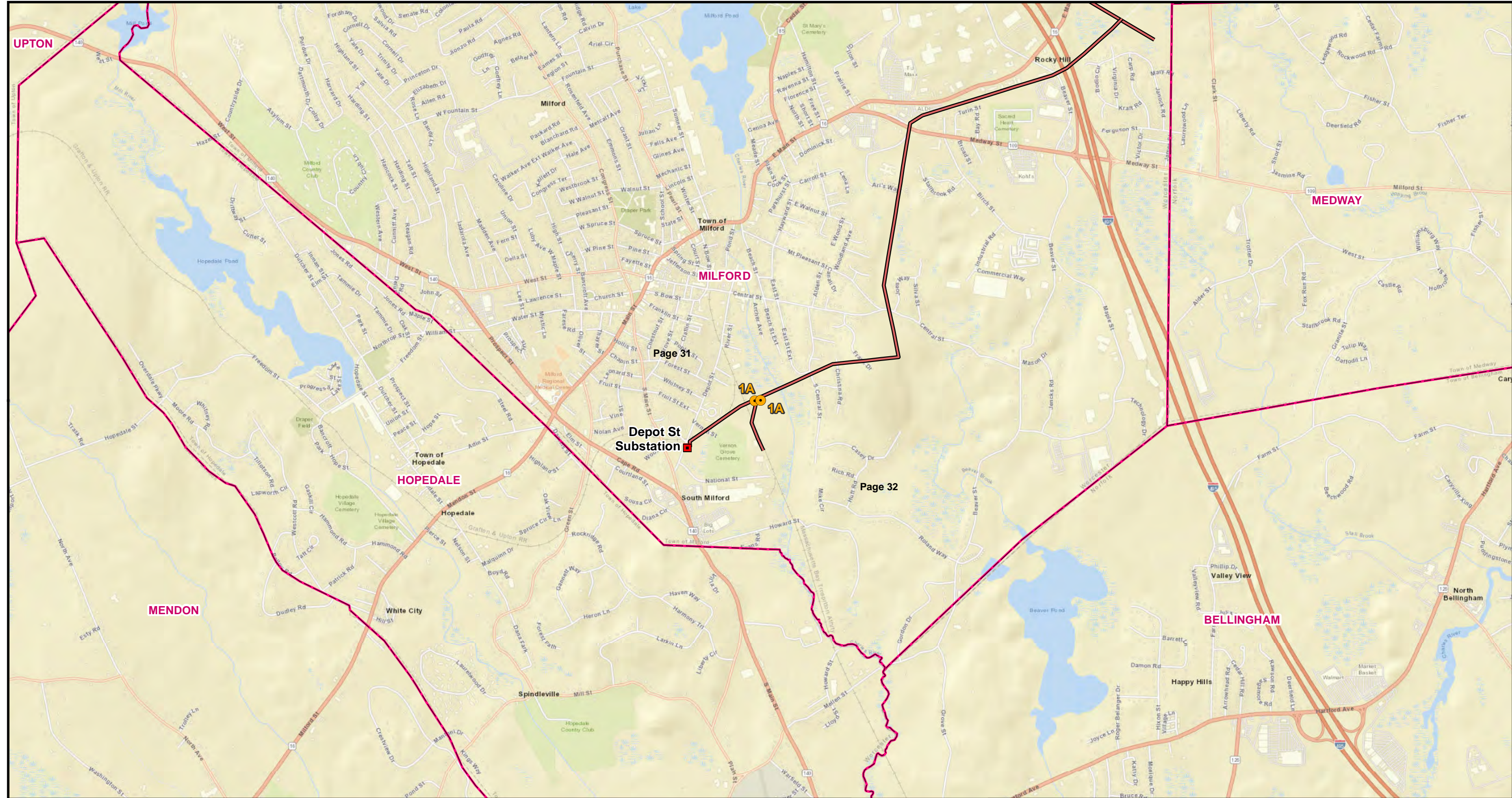
**MAP FOR REFERENCE ONLY
 NOT A LEGAL DOCUMENT**

Town of Milford, MA makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

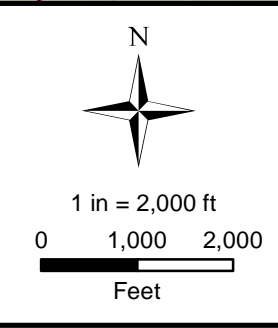
Geometry updated March 2018
 Data updated 11/16/2018

1" = 467 ft

ATTACHMENT B – Figures



- New Structure
- Substation Location
- C129/D130 Transmission Line
- Town Boundary



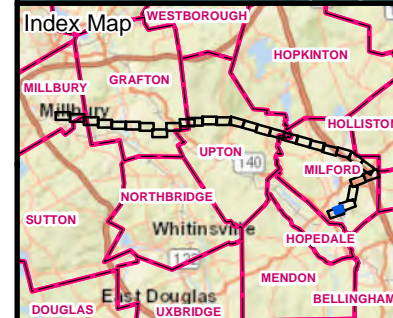
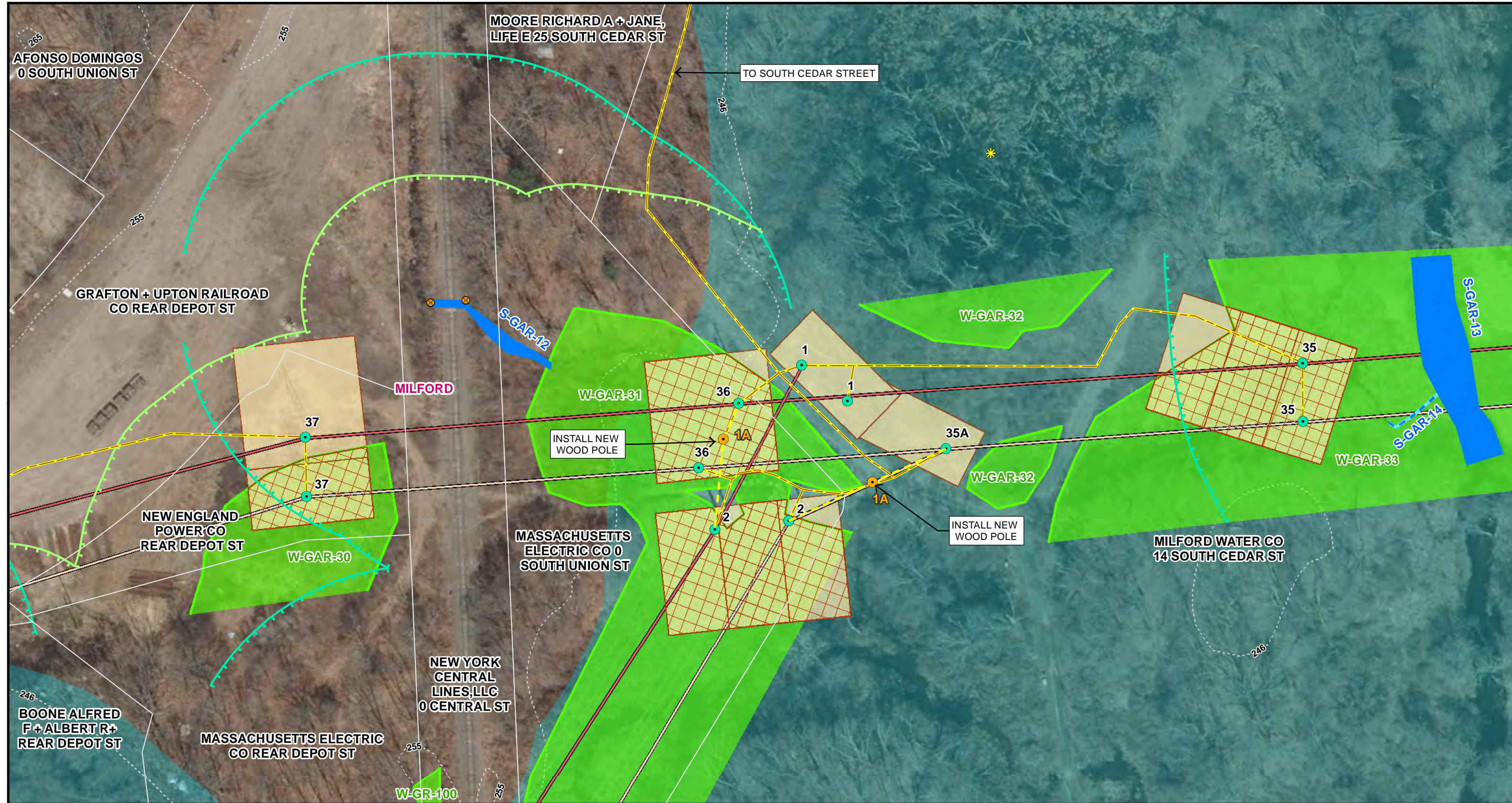
**NPCC PHASE 4 PROJECT
 LINE C129 AND D130**

**POLE INSTALLATION PLAN
 OVERVIEW**

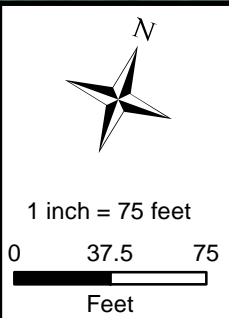
Milford
 Page 1 of 1

Sources: nationalGrid, 2019; TRC 2019; MassGIS; Esri, "World Street Map"

nationalgrid
 Map Produced By **TRC**



<ul style="list-style-type: none"> C129 Transmission Line D130 Transmission Line New Structure Existing Structure Install Skywrap Install Skywrap & Reinforce Tower No Work ADSS Wire Skywrap Wire 	<ul style="list-style-type: none"> Preferred Access Approved Alternate Access Construction Mat Work Envelope* Gate Fence Rock Wall Guardrail Gas Pipeline 	<ul style="list-style-type: none"> Delineated Vernal Pool (TRC) Field Delineated Stream (TRC) Field Delineated Stream Edge (TRC) Field-Delineated Stream Area (TRC) Field-Delineated Wetlands Edge (TRC) Field Delineated Wetland (TRC)* Estimated Stream Edge (TRC) 100-Foot Wetland Buffer 200-ft Outer Riparian Zone/Riverfront Area 	<ul style="list-style-type: none"> Activity and Use Limitations Area (AUL) Area of Critical Environmental Concern NHESP Priority Habitat of Rare Species NHESP Estimated Habitat of Rare Wildlife FEMA 100-Year Floodplain* Outstanding Resource Waters NHESP Rare Species ID 	<ul style="list-style-type: none"> Existing Culvert Certified Vernal Pool Potential Vernal Pool Contour in Feet Town Boundary
---	--	--	--	--



NPCC PHASE 4 PROJECT
LINE C129 AND D130

FIGURE 2
POLE INSTALLATION PLAN

Milford
 Page 1 of 1

Sources: nationalGrid, 2019; TRC 2019; MassGIS; USGS Color Ortho Imagery, MassGIS 2019

Work Reference: 4.3 TSD (4/10/20)

nationalgrid
 Map Produced By TRC

**ATTACHMENT E – Applicable Best Management Practices (BMPs) from National
Grid Environmental Guidance Document (EG-303NE)**

SUBJECT

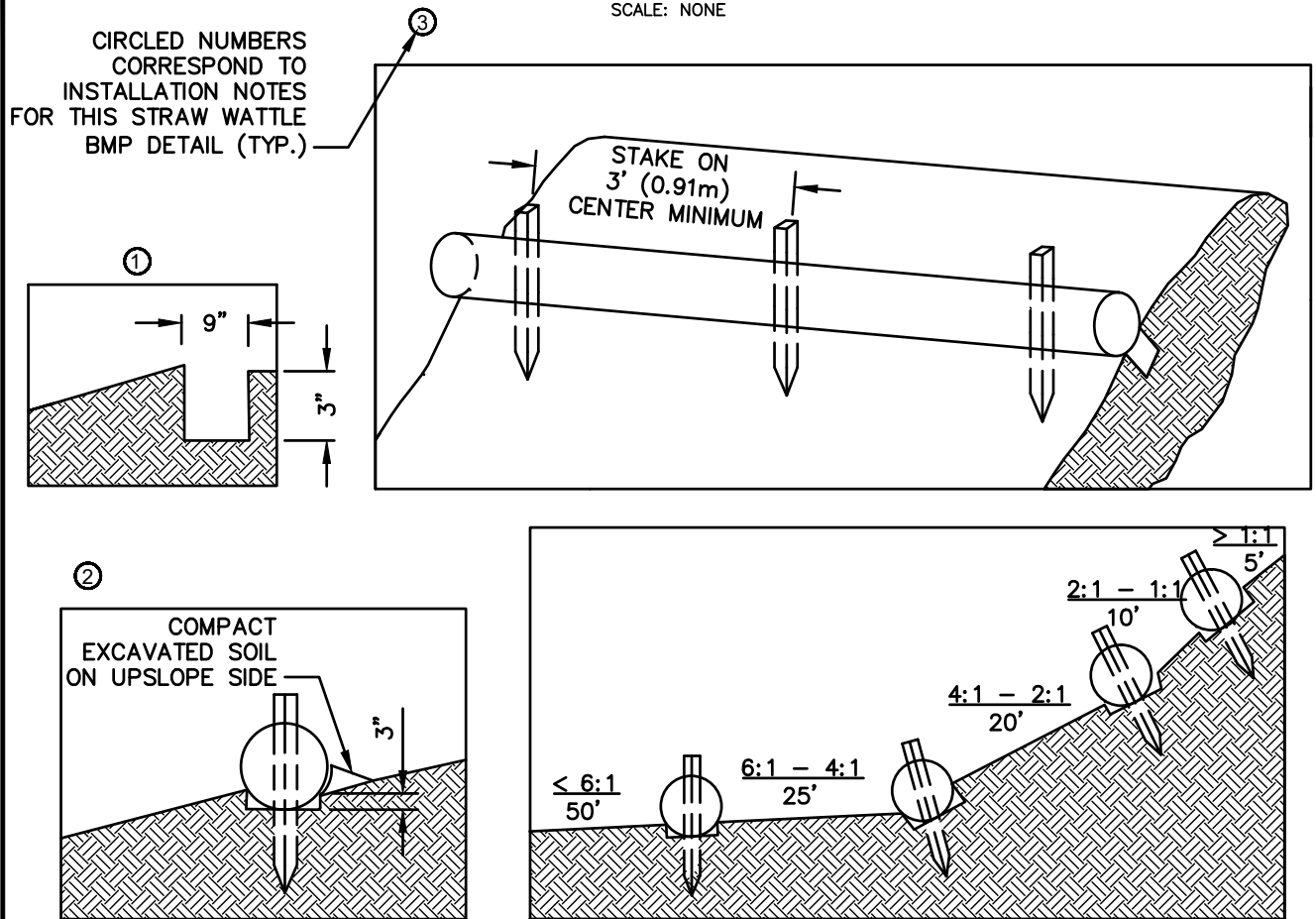
Access, Maintenance and Construction
Best Management Practices

Reference

EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



TYPICAL WATTLE SPACING DETAIL

NOTES:

1. PRODUCT TO BE TENSAR NORTH AMERICAN GREEN STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. TYPICAL WATTLE SPACING BASED ON SLOPE GRADIENT. COORDINATE SPACING AND LOCATION WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.
3. MINIMUM 12" DIAMETER WATTLES SHOULD BE USED FOR HIGHLY DISTURBED AREAS (I.E., HEAVILY USED ACCESS ROAD WITH ADJACENT WETLAND) AND MINIMUM 9-10" WATTLES SHOULD BE USED FOR LESS DISTURBED SOILS.

INSTALLATION NOTES:

1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UPSLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 18-24" HARDWOOD STAKES EVERY 3-4' AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

* DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES
 PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED
 VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

SEC-5
STRAW WATTLE * (1 OF 2)

SUBJECT

Access, Maintenance and Construction
Best Management Practices

Reference

EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP PICTURE



**STRAW WATTLE – SHALLOW SLOPE ($\leq 4:1$)
(ALTERNATE STAKING)**

ALTERNATE STAKING INSTALLATION NOTES:

1. ON SHALLOW SLOPES ($\leq 4:1$), STRAW WATTLE MAY BE SECURED WITH 18–24” HARDWOOD STAKES DRIVEN AGAINST THE SIDES OF THE WATTLE INSTEAD OF THROUGH. STAKES SHALL ALTERNATE SIDES, AND BE SPACED 3–4’ MAX.
2. TWINE SHALL BE TIED FROM STAKE TO STAKE, CRISS–CROSSING THE STRAW WATTLE. TIE TWINE TO STAKES BELOW THE HEIGHT OF THE WATTLE.

*** DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES
PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED
VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.**

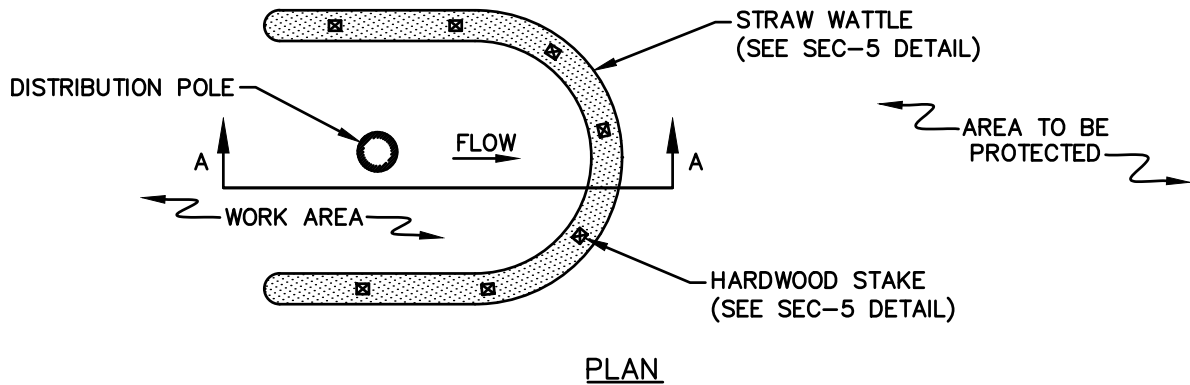
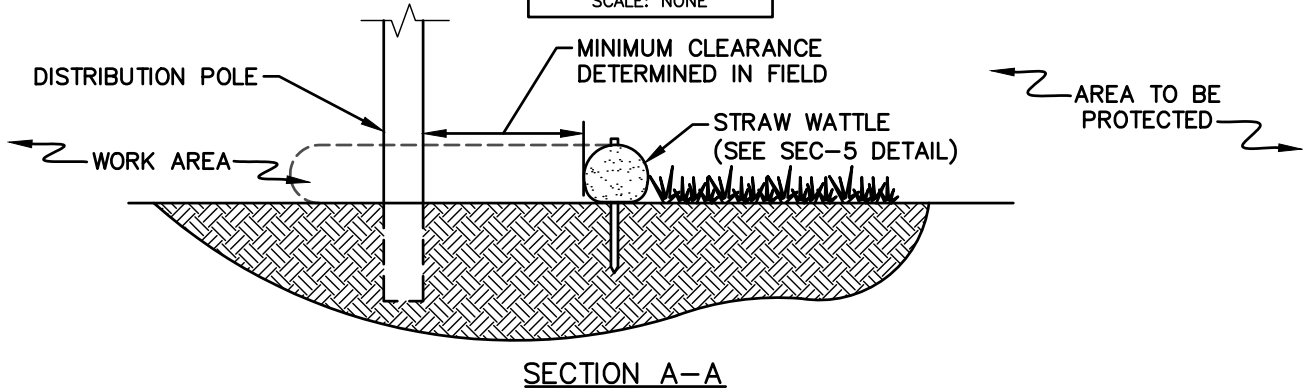
**SEC-5
STRAW WATTLE * (2 OF 2)**

SUBJECT
Access, Maintenance and Construction
Best Management Practices

Reference
EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



NOTES

1. PRODUCT TO BE STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST (SEE SEC-5 BMP DETAIL).
2. STRAW BALE BARRIER PER SEC-1 BMP DETAIL TO BE AN AVAILABLE ALTERNATE DEPENDING ON SITE CONDITIONS AT THE DIRECTION OF NATIONAL GRID ENVIRONMENTAL SCIENTIST (SEE FIGURE 2).
3. MINIMUM CLEARANCE BETWEEN POLE AND EROSION CONTROL TO BE DETERMINED BY CONDITIONS OF POLE INSTALLATION/REPLACEMENT WORK AND ASSOCIATED DISTURBANCE.

BMP PICTURE



FIGURE 1: TYP. STRAW WATTLE APPLICATION



FIGURE 2: ALT. STRAW BALE APPLICATION

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SEC-12
DISTRIBUTION POLE
SEDIMENT CONTROL

SUBJECT

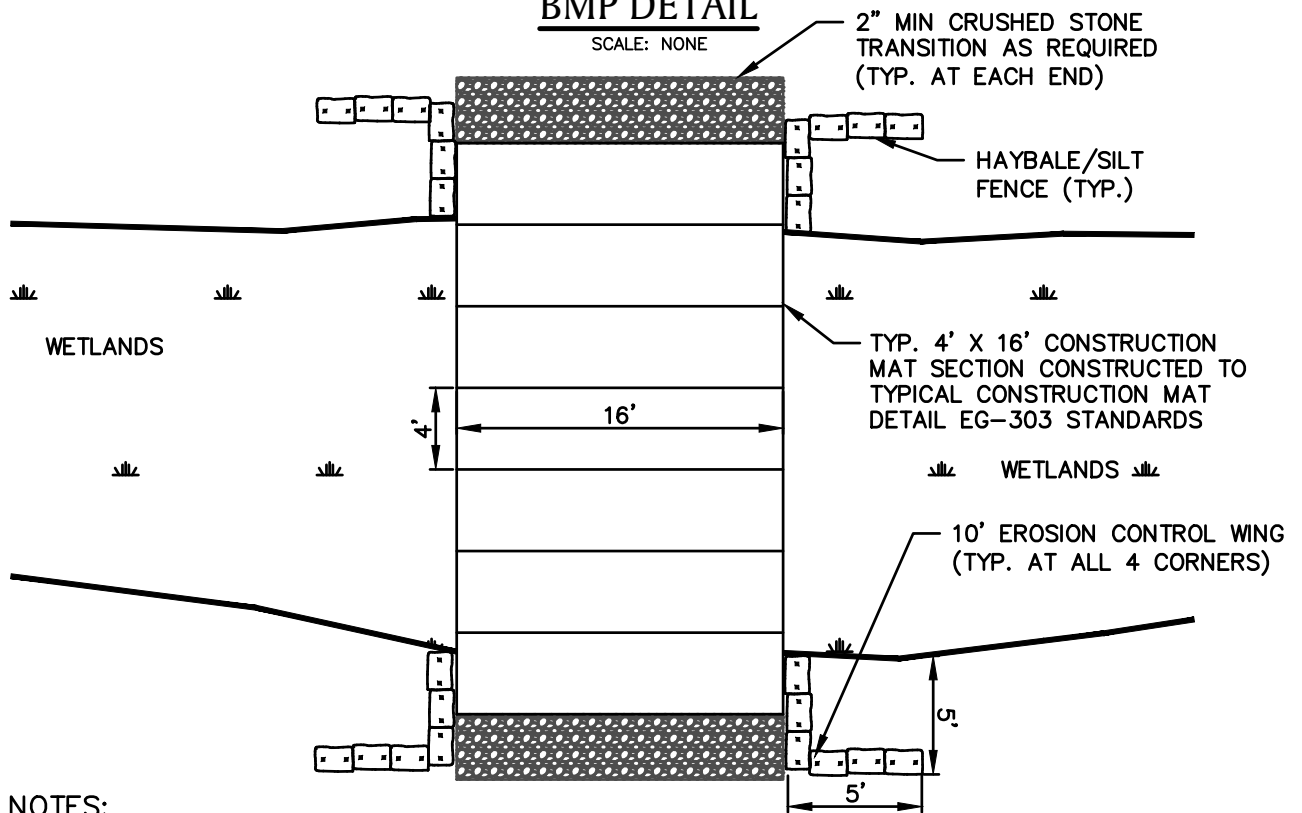
Access, Maintenance and Construction
Best Management Practices

Reference

EP No. 3 - Natural Resource
Protection (Chapter 6)

BMP DETAIL

SCALE: NONE



NOTES:

1. ADD FILTER FABRIC AS NEEDED UNDER STONE TRANSITION RAMPS.
2. ALL MEASUREMENTS AND LOCATIONS ARE APPROXIMATE.

BMP PICTURE



CM-4

CONSTRUCTION MAT LAYOUT
(WITH TRANSITION AND BMPs)

APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES

PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED
VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

Agenda Item # 4



TOWN OF MILFORD

52 MAIN STREET, MILFORD, MASSACHUSETTS 01757

508-634-2317 Fax 508-473-2394

mdean@townofmilford.com

OFFICE OF PLANNING
AND ENGINEERING

Michael Dean, P.E.
Town Engineer

January 12, 2021

Mr. Michael Giampietro, Chairman
Conservation Commission
52 Main Street
Milford, MA, 01757

Re: **“Depot Street Estates”** – Definitive Residential Subdivision
4 – Lots off of Depot Street (109 Depot Street)
D.E.P. File # 223-1186

Dear Mr. Giampietro:

The submittal is for a Residential Definitive Subdivision Plan – referred to as “Depot Street Estates”. The proposal consists of four (4) Lots with a proposed 348-foot long Road, utilities and associated grading. The parcels are associated with the existing houses located at 109 Depot Street and 75 Fruit Street. The Applicant is Lisa M. & Frederico Carneiro, 189 Highland Street, Milford, MA 01757.

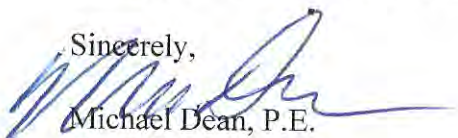
The project consists of 3 parcels totaling approximately 3.43 Acres of land, Zoned as General Residential (RA). The parcels refer to the Town Assessors Map 52, Block 0, Lots 43, 164 & 164C.

The project has gone through a lengthy process during the Planning Board approval process, in which my comments and concerns were addressed.

Following an additional review, I recommend that more detail be shown pertaining to the grading associated with the proposed driveway and swale, to ensure the drainage enters the swale and Detention Basin #2 as intended in the drainage design / analysis.

The above item should be addressed, I recommend the issuance of an Order of Conditions.

Sincerely,



Michael Dean, P.E.
Town Engineer

"Depot Street Estates"

A Definitive Subdivision In Milford, Massachusetts

Date: May 26, 2020
Revised November 12, 2020

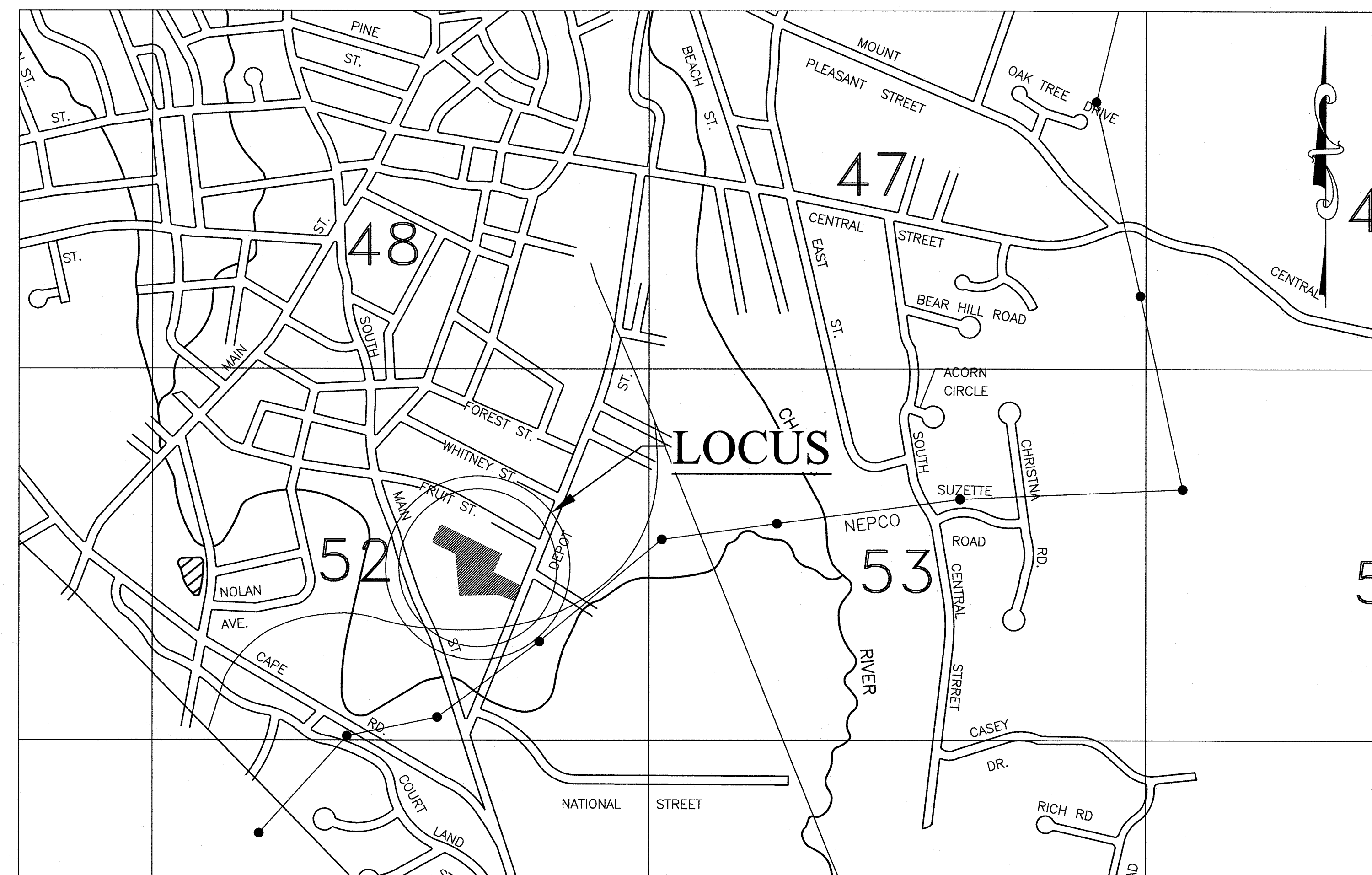
APPROVAL BY THE PLANNING BOARD
IS REQUIRED UNDER THE SUBDIVISION
CONTROL LAW

SIGNATURE DATE: _____

THIS PLAN IS APPROVED SUBJECT TO
AGREEMENTS AND COVENANTS AS INCLUDED IN
THE CONDITIONAL CONTRACT DATED
CONTRACT WILL BE RECORDED. PLANS WILL BE
FILED IN THE WORCESTER REGISTRY OF DEEDS

OWNER/APPLICANT

FREDERICO AND LISA
CARNEIRO
4 BEN'S WAY
HOPEDALE, MA 01747



VICINITY MAP
1" = 600'

PLAN INDEX

TITLE

SHEET

Cover	C
Registry Plan	1
Existing Conditions Plan	2
Site Development Plan	3
Plan and Profile	4
Erosion Control Plan	5
Details	6



**Guerriere &
Halnon, Inc.**
ENGINEERING & LAND SURVEYING

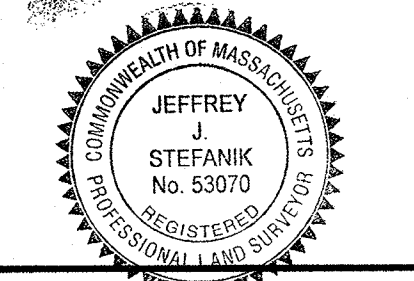
333 WEST STREET, MILFORD, MASS. 01757
PHONE: (508) 473-6630 FAX: (508) 473-8243
www.gandhengineering.com

SEE PLAN BOOK 605 PLAN 51

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

THIS CERTIFICATION IS INTENDED TO MEET THE REQUIREMENTS OF THE REGISTRY OF DEEDS AND IS NOT A CERTIFICATION TO THE TITLE OR OWNERSHIP OF THE LAND DEPICTED HEREON.

JEFFREY J. STEFANIK PLS DATE



NOTES
1) SEE THE FOLLOWING PLANS RECORDED AT THE WORCESTER DISTRICT REGISTRY OF DEEDS-
PLAN BOOK 875 PLAN 76 JUNE 2009
PLAN BOOK 726 PLAN 111 APRIL 1998
PLAN BOOK 691 PLAN 123 APRIL 1995
PLAN BOOK 627 PLAN 47 OCTOBER 1989
PLAN BOOK 605 PLAN 51 AUGUST 1988
PLAN BOOK 184 PLAN 35 SEPTEMBER 1952
PLAN BOOK 170 PLAN 41 OCTOBER 1950

2) ZONING DISTRICT- RA
MINIMUM AREA- ONE FAMILY 8,000 SF
TWO FAMILY 12,000 SF
MINIMUM WIDTH- ONE FAMILY 80'
TWO FAMILY 100'
MINIMUM FRONTAGE- ONE FAMILY 80'
TWO FAMILY 100'
SETBACKS- FRONT 25' SIDE 10' REAR 15'
MAXIMUM BUILDING COVERAGE- 25%
MINIMUM OPEN SPACE PER DWELLING UNIT- 2000 SF
MAXIMUM BUILDING HEIGHT- 35' OR 2 STORIES

APPROVAL UNDER THE SUBDIVISION CONTROL LAW IS REQUIRED. MILFORD PLANNING BOARD

SIGNATURE DATE:

TOWN CLERK CERTIFICATION
THIS IS TO CERTIFY THAT NOTICE FROM THE PLANNING BOARD OF APPROVAL OF THIS PLAN WAS RECEIVED BY ME ON AND NO NOTICE OF APPEAL FROM SUCH APPROVAL WAS RECEIVED BY ME DURING THE TWENTY DAYS NEXT AFTER RECEIPT AND RECORDING OF SUCH NOTICE OF APPROVAL.

TOWN CLERK DATE

OWNER:
LISA M. CANEIRO AND
FREDERICO CARNEIRO
LOT 43 1.70 ACRES
DEED BOOK 58817 PAGE 279
LOT 164 1.63 ACRES
DEED BOOK 57421 PAGE 49
LOT 164C 1.22 ACRES
DEED BOOK 57421 PAGE 49

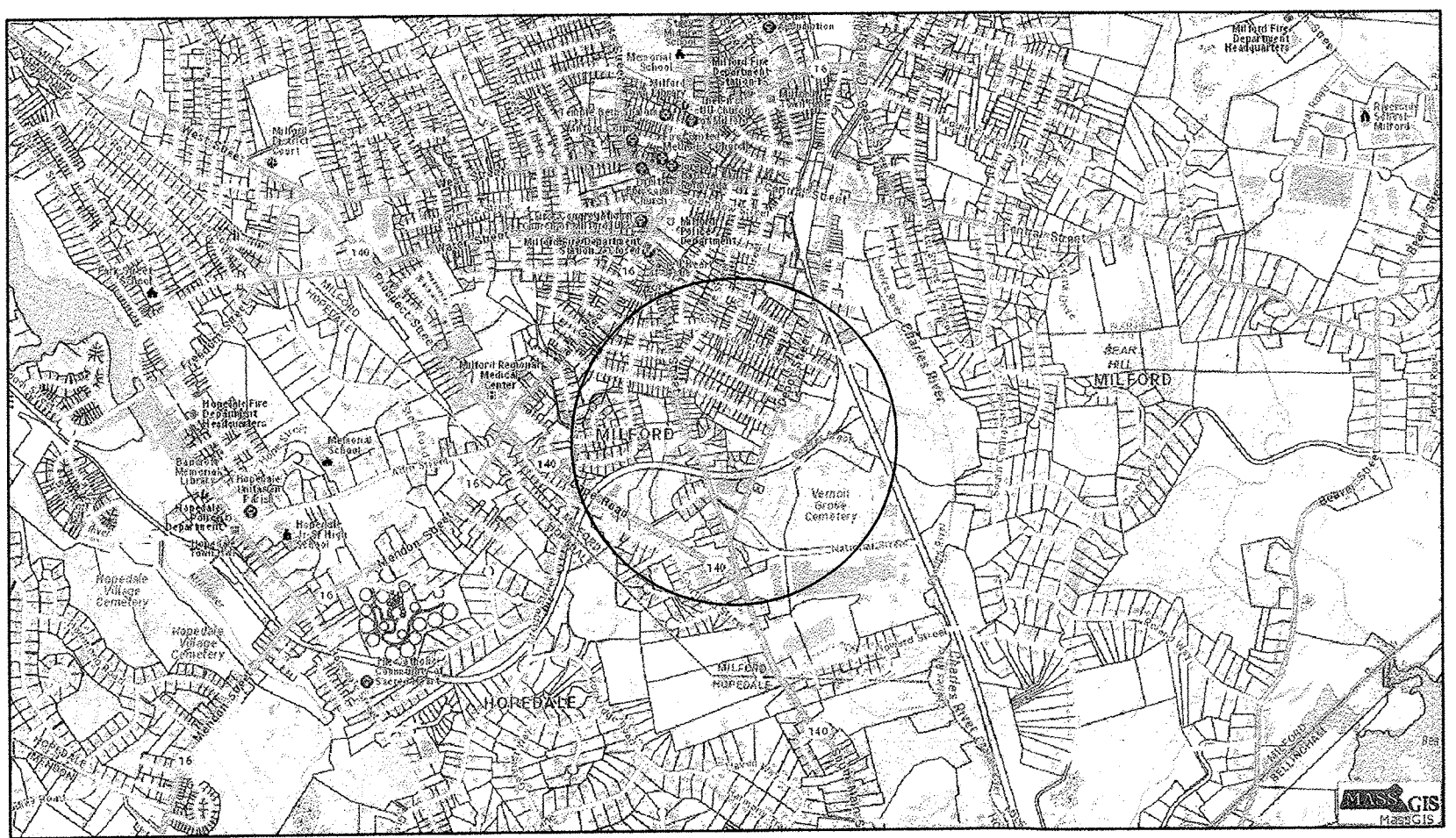
DEFINITIVE PLAN OF LAND
DEPOT STREET ESTATES
109 DEPOT STREET AND
75 FRUIT STREET
MILFORD, MASS.
SCALE: 1"=40'
DATE: MAY 26, 2020
REVISED: NOVEMBER 12, 2020

GRAPHIC SCALE: 1"=40'
0 10 20 30 40 50 75 100 FEET
0 5 10 15 20 30 METERS

Guerriere & Halnon, Inc. ENGINEERING & LAND SURVEYING
333 WEST STREET PH. (508) 473-6630
MILFORD, MA 01757 FX. (508) 473-8243
www.gandhengineering.com

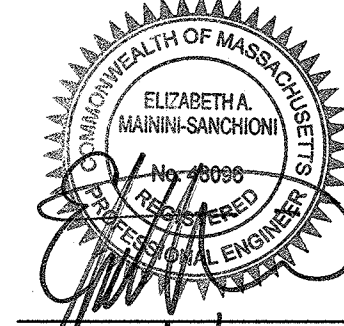


FOR REGISTRY USE ONLY



CURVE TABLE
C1 R=30.00' L=18.95' D=36°11'01"
C2 R=30.00' L=25.11' D=47°58'10"
C3 R=60.00' L=42.51' D=40°35'33"

LEGEND
IP @ IRON PIN
CB □ CONCRETE BOUND
SB □ STONE BOUND
□ CONCRETE BOUND TO BE SET



DATE: 11/12/20
 APPROVED DATE: _____
 PLANNING BOARD

SIGNATURE DATE: _____
 BEING A MAJORITY

- NOTES
- CONSTRUCTION ON THIS LOT IS SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY, RESTRICTIONS, RESERVATIONS OR OTHER LIMITATIONS WHICH MAY BE REVEALED BY AN EXAMINATION OF THE TITLE.
 - "WARNING" EXISTING UTILITY LINES INDICATED OR NOTED ON THESE DRAWINGS ARE SHOWN AS OBTAINED FROM EXISTING INFORMATION AND ARE ONLY APPROXIMATE IN LOCATION. THE CONTRACTOR SHALL TAKE CAUTION IN THESE AREAS TO AVOID DAMAGE TO EXISTING UTILITY LINES AND/OR HARM TO PERSONNEL ENGAGED IN WORKING IN THESE AREAS. CALL "DIG SAFE" 1-888-DIG-SAFE (1-888-344-7233). EXISTING LINES OTHER THAN THOSE INDICATED ON THESE DRAWINGS MAY BE ON THE SITE. THE CONTRACTOR IS WARNED TO PROCEED WITH CAUTION WITH ALL WORK, ESPECIALLY EXCAVATION WORK, AND TO MAKE ALL POSSIBLE INVESTIGATIONS AS TO POSSIBLE UNMARKED UTILITY LINES.
 - ASSESSOR PARCEL 52-0-43, 164, 164C

LEGEND

EXISTING	PROPOSED
--- 256 ---	--- 256 ---
- - - - -	- - - - -
- - - - -	- - - - -
- - - - -	- - - - -
○	○
⊗	⊗
⊠	⊠
⊞	⊞

OWNER
 FREDERICO AND LISA CARNEIRO
 4 BEN'S WAY
 HOPEDALE, MA 01747

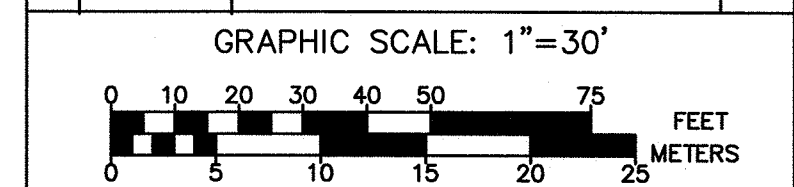
APPLICANT
 FREDERICO AND LISA CARNEIRO
 4 BEN'S WAY
 HOPEDALE, MA 01747

DEPOT STREET ESTATES

EXISTING CONDITIONS
 PLAN

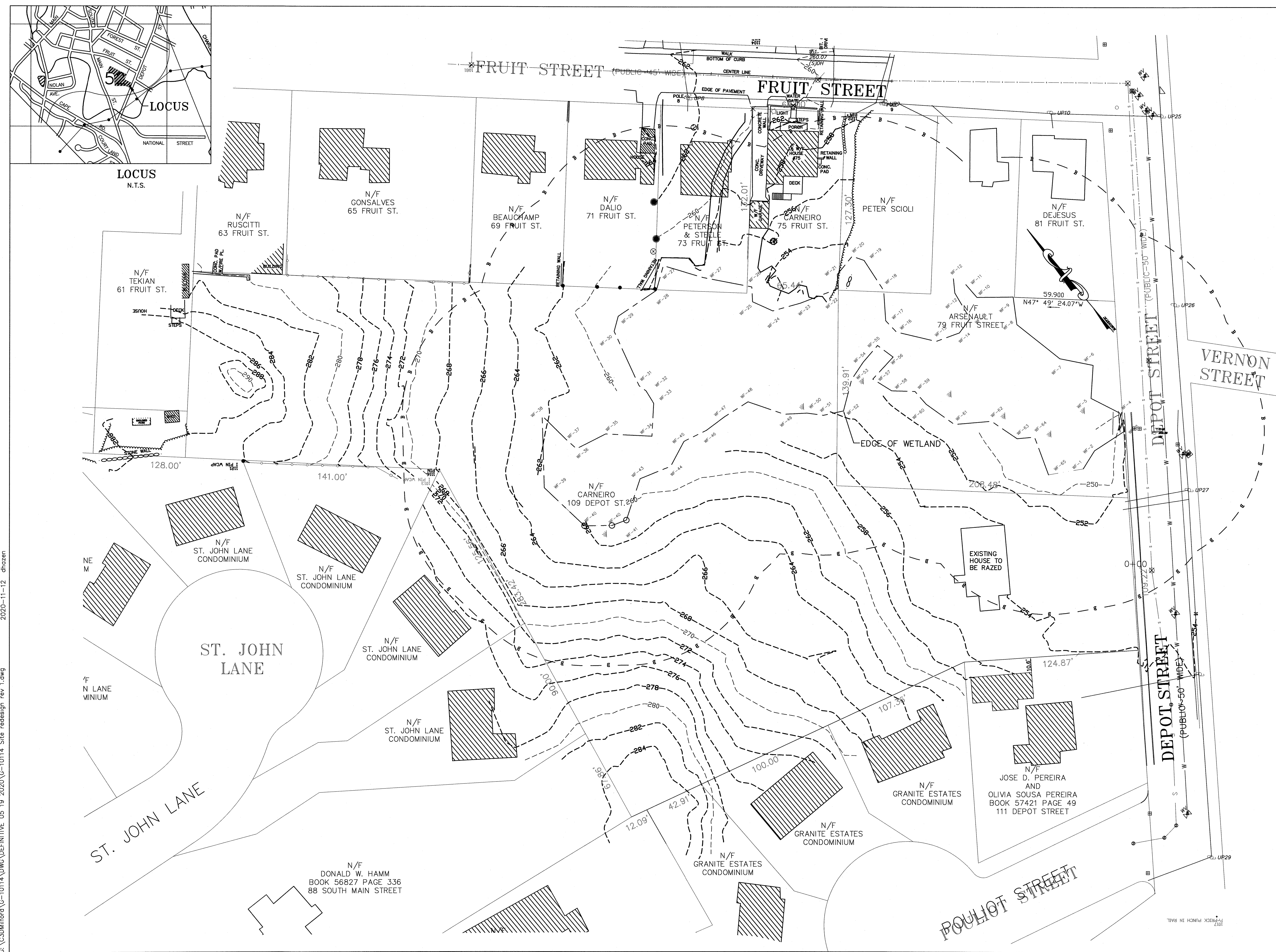
109 DEPOT STREET
 IN
 MILFORD, MA

1	5/26/20	INITIAL SUBMITTAL	DWH
2	11/12/20	DPW COMMENTS	DWH

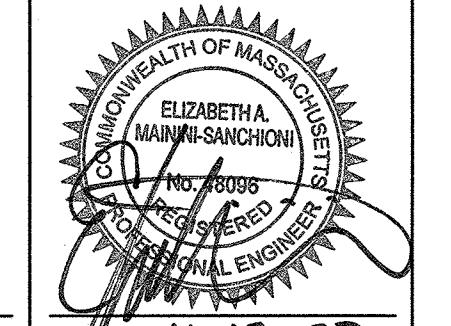


Guerriere & Halon, Inc.
 ENGINEERING & LAND SURVEYING

333 WEST STREET PH. (508) 473-6630
 MILFORD, MA 01757 FX. (508) 473-8243
 www.gandengineering.com



2020-11-12 dhozen
 G:\CDMilford\G-10114\DWG\DEFINITIVE 05 19 2020\G-10114 Site redesign rev 1.dwg
 G:\CDMilford\G-10114\DWG\DEFINITIVE 05 19 2020\G-10114 Site redesign rev 1.dwg, existing conditions, 11/12/2020 2:23:14 PM



DATE: 11-12-20
APPROVED DATE: _____
PLANNING BOARD

SIGNATURE DATE: _____
BEING A MAJORITY

NOTES

- CONSTRUCTION ON THIS LOT IS SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY, RESTRICTIONS, RESERVATIONS OR OTHER LIMITATIONS WHICH MAY BE REVEALED BY AN EXAMINATION OF THE TITLE.
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- ASSESSOR PARCEL 52-0-43, 164, 164C

LEGEND		EXISTING	PROPOSED
-256-	CONTOUR	-256-	-256-
D	DRAIN LINE	D	D
W	WATER LINE	W	W
S	SEWER LINE	S	S
○	DRAINAGE MANHOLE	○	○
⊗	SEWER MANHOLE	⊗	⊗
□	CATCH BASIN	□	□
*	FIRE HYDRANT	*	*

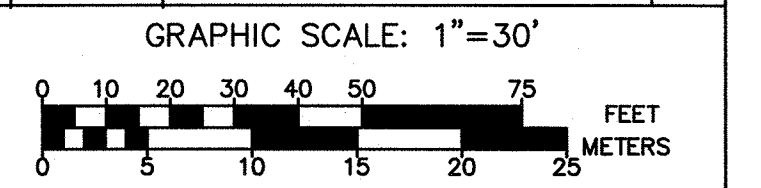
OWNER
FREDERICO AND LISA CARNEIRO
4 BEN'S WAY
HOPEDALE, MA 01747

APPLICANT
FREDERICO AND LISA CARNEIRO
4 BEN'S WAY
HOPEDALE, MA 01747

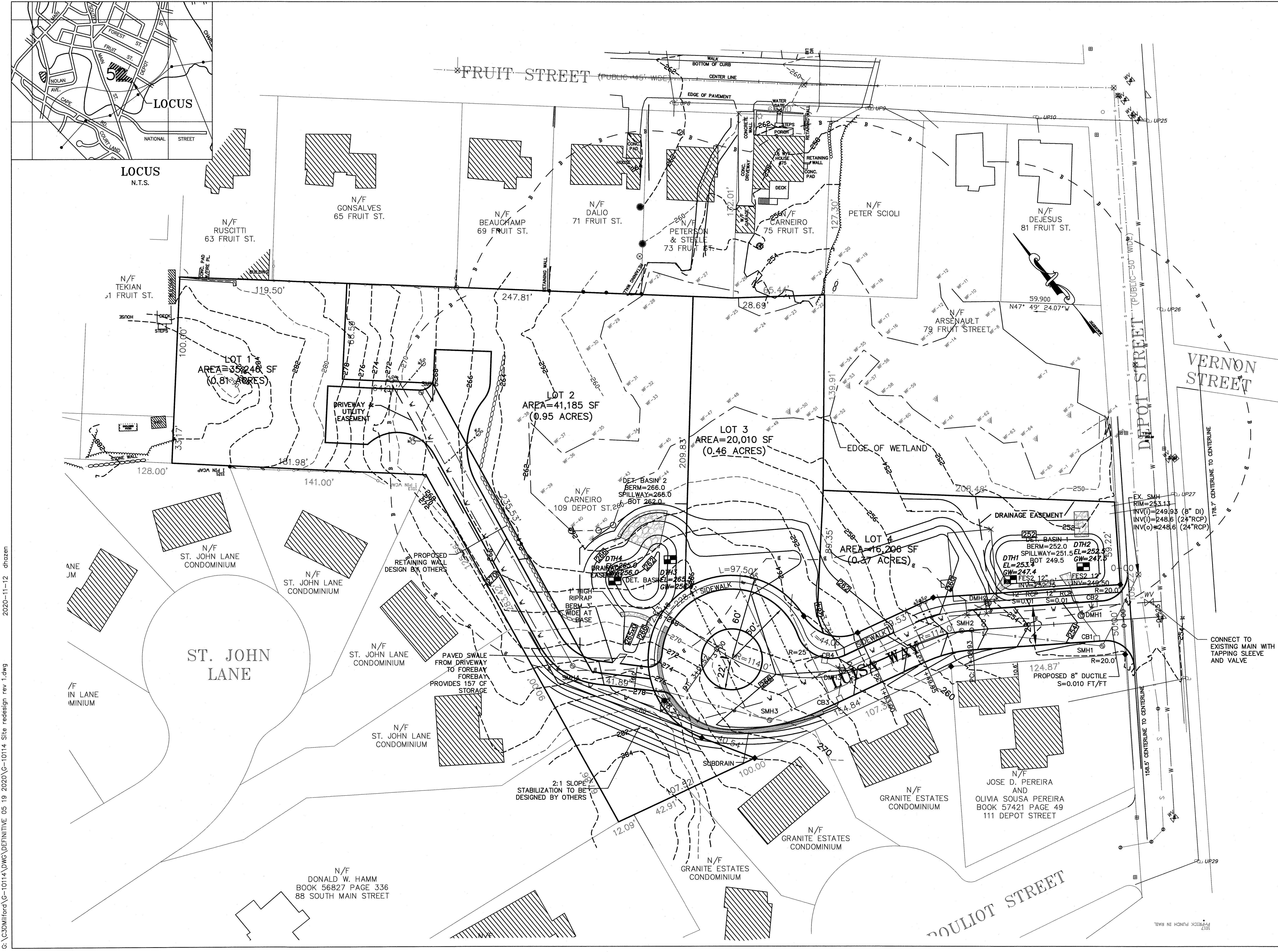
DEPOT STREET ESTATES

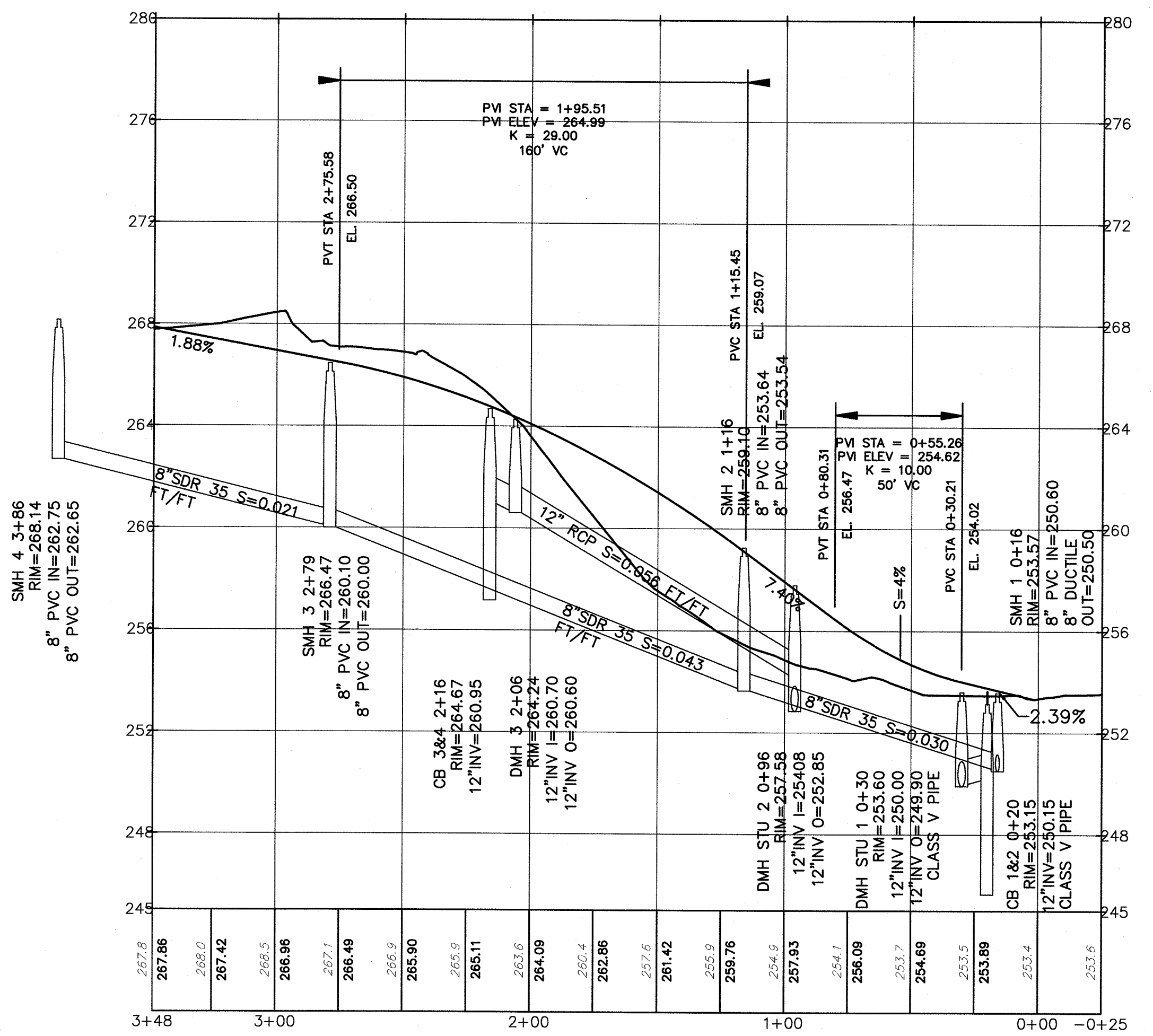
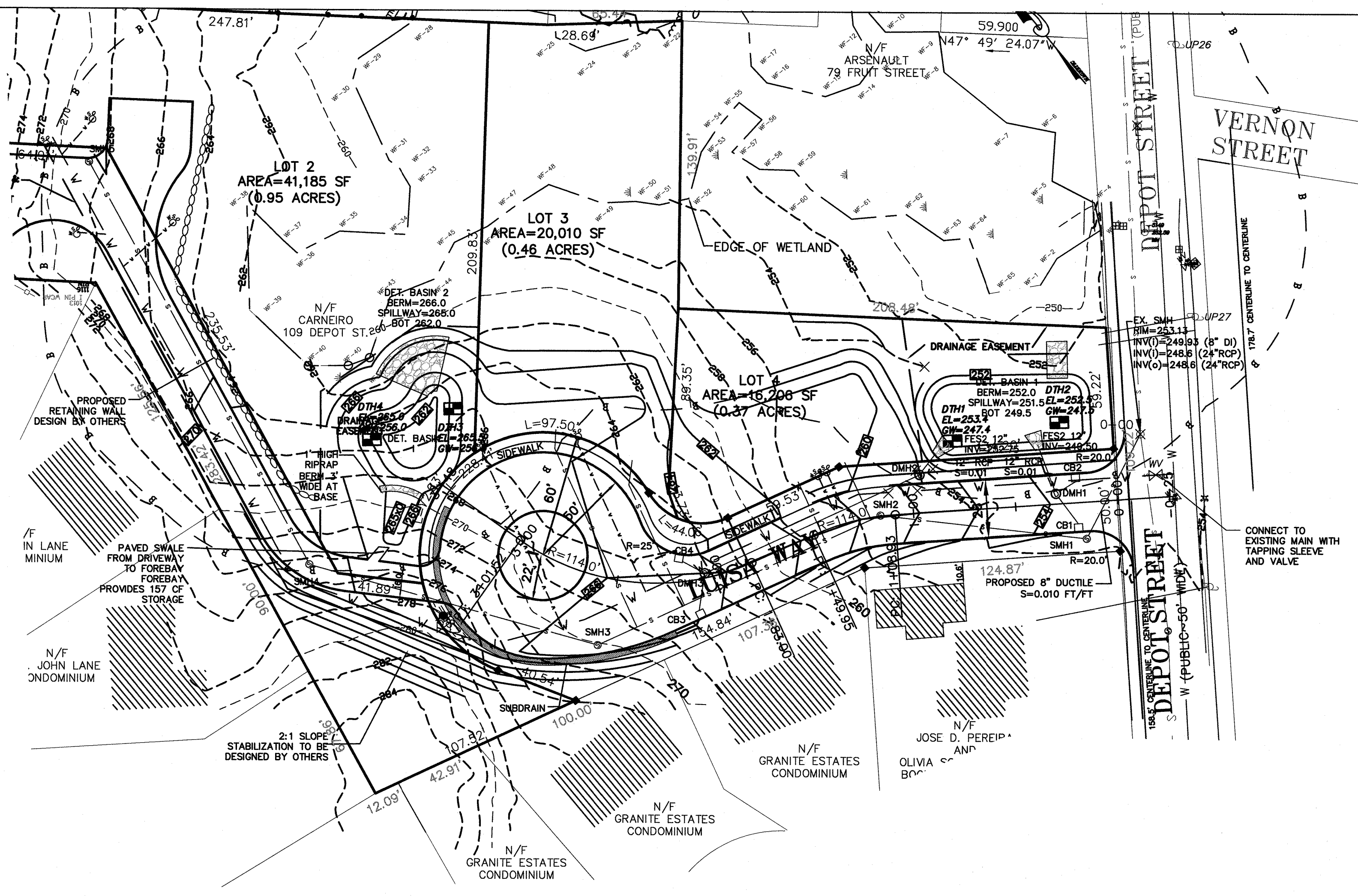
SITE DEVELOPMENT PLAN
109 DEPOT STREET
IN
MILFORD, MA

0	5/26/20	INITIAL SUBMITTAL	DWH
1	7/8/20	ADD WATERLINE TO SHEET 3	DWH
2	11/12/20	DPW COMMENTS	DWH

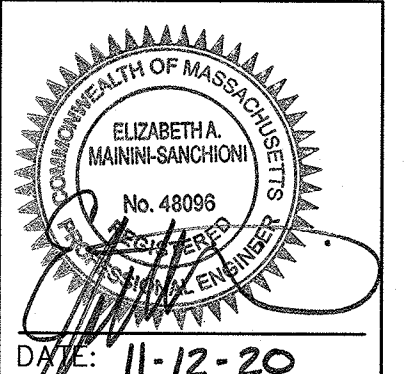


Guerriere & Halon, Inc.
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2019-04-11 ALIGNMENT -- FULL LENGTH
-0+25 TO 3+48.25



DATE: 11-12-20
 APPROVED DATE: _____
 PLANNING BOARD
 SIGNATURE DATE: _____
 BEING A MAJORITY

- NOTES
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LEGEND

EXISTING	PROPOSED
--- 256 ---	--- 256 ---
-D-	-D-
-W-	-W-
-S-	-S-
○	○
⊗	⊗
□	□
⋈	⋈

OWNER
 FREDERICO AND LISA CARNEIRO
 4 BEN'S WAY
 HOPEDALE, MA 01747

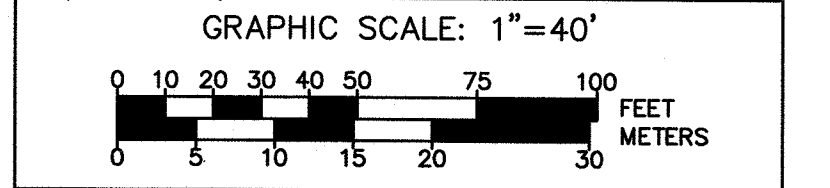
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DEPOT STREET ESTATES

DEFINITIVE SUBDIVISION
 PLAN

109 DEPOT STREET
 IN
 MILFORD, MA

1	5/26/20	INITIAL SUBMITTAL	DWH
2	11/12/20	DPW COMMENTS	DWH



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 - ASSESSOR PARCEL 52-0-43

EXISTING		PROPOSED	
---	CONTOUR	---	CONTOUR
D	DRAIN LINE	D	DRAIN LINE
W	WATER LINE	W	WATER LINE
S	SEWER LINE	S	SEWER LINE
○	DRAINAGE MANHOLE	○	DRAINAGE MANHOLE
⊗	SEWER MANHOLE	⊗	SEWER MANHOLE
□	CATCH BASIN	□	CATCH BASIN
✱	FIRE HYDRANT	✱	FIRE HYDRANT

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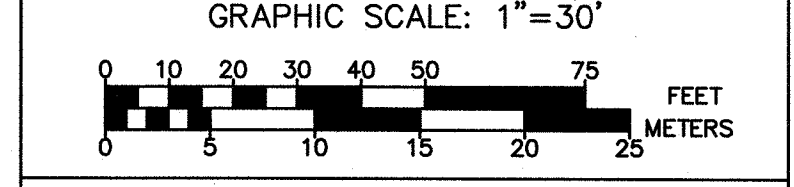
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DEPOT STREET ESTATES

EROSION CONTROL PLAN

109 DEPOT STREET
 IN
 MILFORD, MA

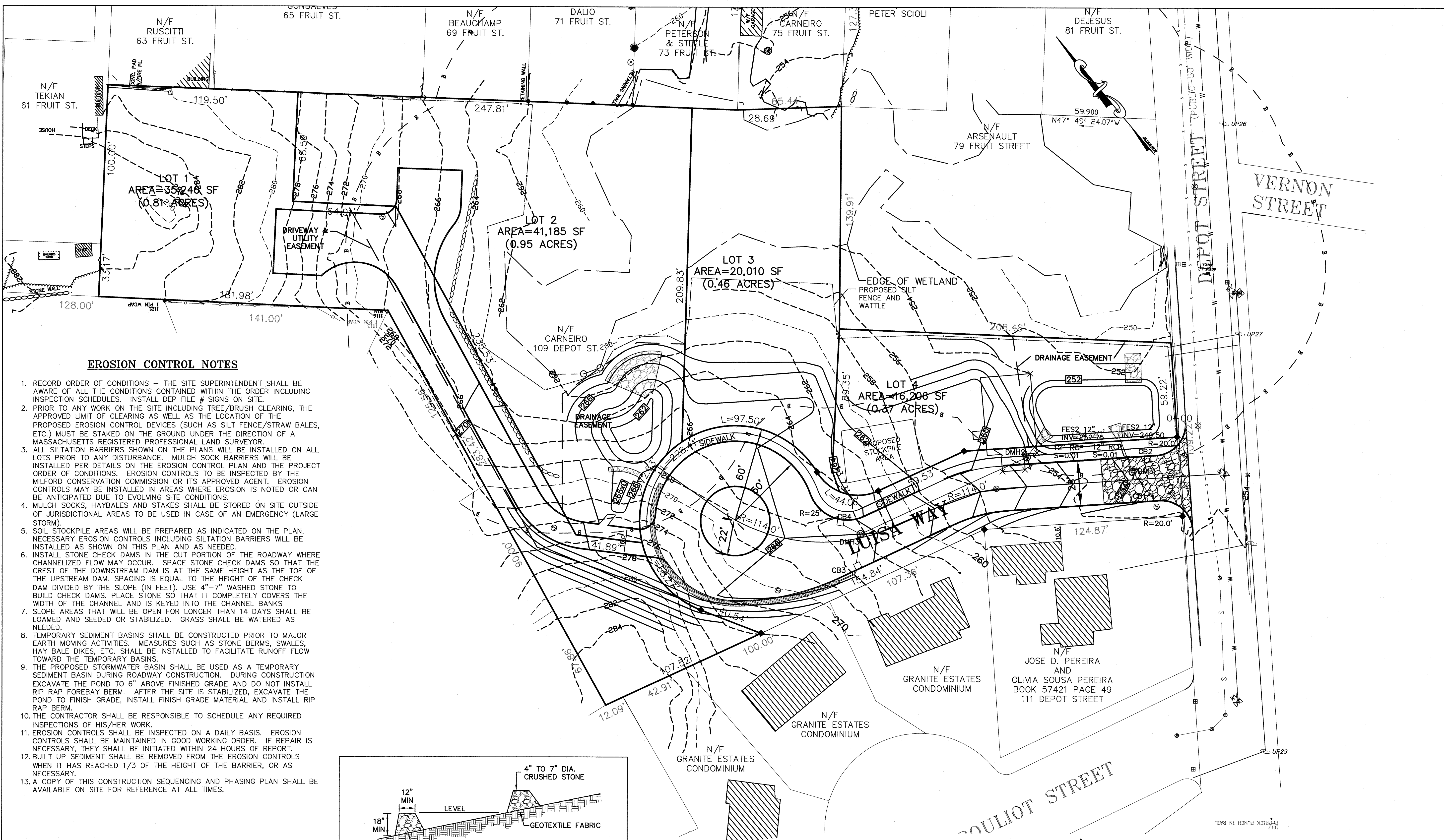
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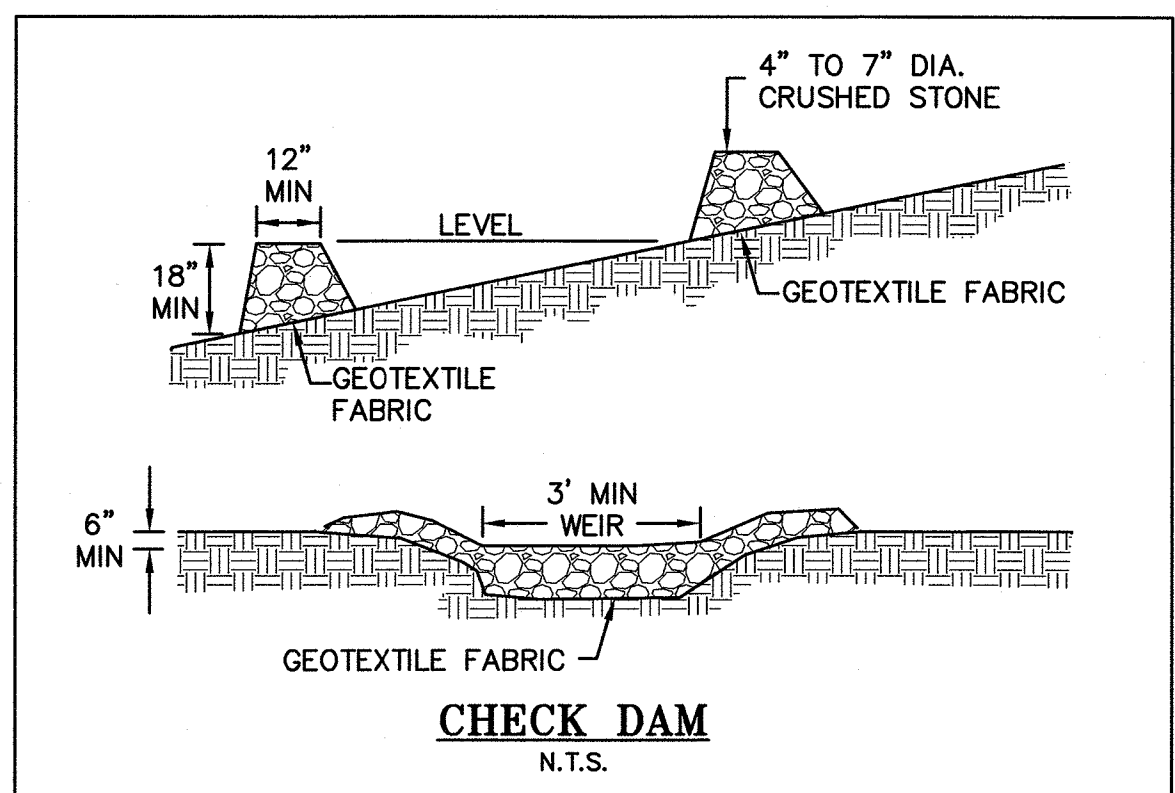
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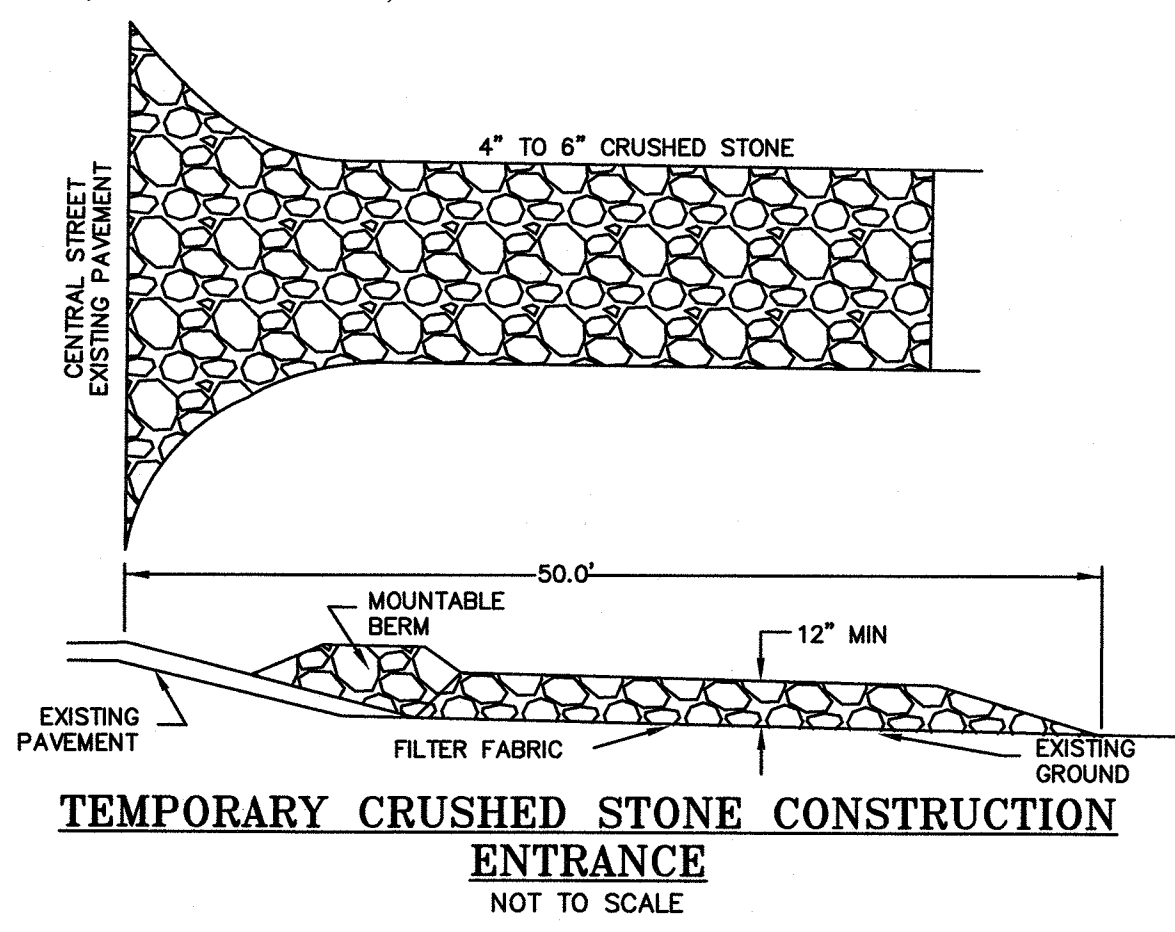


EROSION CONTROL NOTES

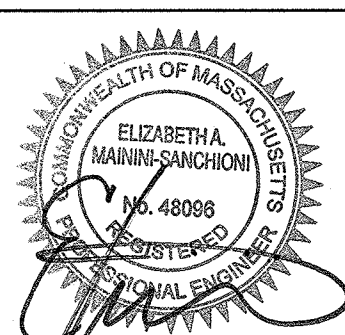
- RECORD ORDER OF CONDITIONS - THE SITE SUPERINTENDENT SHALL BE AWARE OF ALL THE CONDITIONS CONTAINED WITHIN THE ORDER INCLUDING INSPECTION SCHEDULES. INSTALL DEP FILE # SIGNS ON SITE.
- PRIOR TO ANY WORK ON THE SITE INCLUDING TREE/BRUSH CLEARING, THE APPROVED LIMIT OF CLEARING AS WELL AS THE LOCATION OF THE PROPOSED EROSION CONTROL DEVICES (SUCH AS SILT FENCE/STRAW BALES, ETC.) MUST BE STAKED ON THE GROUND UNDER THE DIRECTION OF A MASSACHUSETTS REGISTERED PROFESSIONAL LAND SURVEYOR.
- ALL SILTATION BARRIERS SHOWN ON THE PLANS WILL BE INSTALLED ON ALL LOTS PRIOR TO ANY DISTURBANCE. MULCH SOCK BARRIERS WILL BE INSTALLED PER DETAILS ON THE EROSION CONTROL PLAN AND THE PROJECT ORDER OF CONDITIONS. EROSION CONTROLS TO BE INSPECTED BY THE MILFORD CONSERVATION COMMISSION OR ITS APPROVED AGENT. EROSION CONTROLS MAY BE INSTALLED IN AREAS WHERE EROSION IS NOTED OR CAN BE ANTICIPATED DUE TO EVOLVING SITE CONDITIONS.
- MULCH SOCKS, HAYBALES AND STAKES SHALL BE STORED ON SITE OUTSIDE OF JURISDICTIONAL AREAS TO BE USED IN CASE OF AN EMERGENCY (LARGE STORM).
- SOIL STOCKPILE AREAS WILL BE PREPARED AS INDICATED ON THE PLAN. NECESSARY EROSION CONTROLS INCLUDING SILTATION BARRIERS WILL BE INSTALLED AS SHOWN ON THIS PLAN AND AS NEEDED.
- INSTALL STONE CHECK DAMS IN THE CUT PORTION OF THE ROADWAY WHERE CHANNELIZED FLOW MAY OCCUR. SPACE STONE CHECK DAMS SO THAT THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME HEIGHT AS THE TOE OF THE UPSTREAM DAM. SPACING IS EQUAL TO THE HEIGHT OF THE CHECK DAM DIVIDED BY THE SLOPE (IN FEET). USE 4"-7" WASHED STONE TO BUILD CHECK DAMS. PLACE STONE SO THAT IT COMPLETELY COVERS THE WIDTH OF THE CHANNEL AND IS KEYED INTO THE CHANNEL BANKS.
- SLOPE AREAS THAT WILL BE OPEN FOR LONGER THAN 14 DAYS SHALL BE LOAMED AND SEEDED OR STABILIZED. GRASS SHALL BE WATERED AS NEEDED.
- TEMPORARY SEDIMENT BASINS SHALL BE CONSTRUCTED PRIOR TO MAJOR EARTH MOVING ACTIVITIES. MEASURES SUCH AS STONE BERMS, SWALES, HAY BALE DIKES, ETC. SHALL BE INSTALLED TO FACILITATE RUNOFF FLOW TOWARD THE TEMPORARY BASINS.
- THE PROPOSED STORMWATER BASIN SHALL BE USED AS A TEMPORARY SEDIMENT BASIN DURING ROADWAY CONSTRUCTION. DURING CONSTRUCTION EXCAVATE THE POND TO 6" ABOVE FINISHED GRADE AND DO NOT INSTALL RIP RAP FOREBAY BERM. AFTER THE SITE IS STABILIZED, EXCAVATE THE POND TO FINISH GRADE, INSTALL FINISH GRADE MATERIAL AND INSTALL RIP RAP BERM.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SCHEDULE ANY REQUIRED INSPECTIONS OF HIS/HER WORK.
- EROSION CONTROLS SHALL BE INSPECTED ON A DAILY BASIS. EROSION CONTROLS SHALL BE MAINTAINED IN GOOD WORKING ORDER. IF REPAIR IS NECESSARY, THEY SHALL BE INITIATED WITHIN 24 HOURS OF REPORT.
- BUILT UP SEDIMENT SHALL BE REMOVED FROM THE EROSION CONTROLS WHEN IT HAS REACHED 1/3 OF THE HEIGHT OF THE BARRIER, OR AS NECESSARY.
- A COPY OF THIS CONSTRUCTION SEQUENCING AND PHASING PLAN SHALL BE AVAILABLE ON SITE FOR REFERENCE AT ALL TIMES.



- PLACE CHECK DAMS IN REASONABLY STRAIGHT DITCH SECTIONS TO MINIMIZE EROSION POTENTIAL ON CHANNEL BENDS. CHECK DAMS TO BE USED IN THE CUT SECTION OF THE PROPOSED ROADWAY AS NEEDED.
- KEY STONE CHECK DAMS INTO THE SIDE AND BOTTOM OF THE CHANNEL
- GRADE SIDE SLOPES TO 2:1 OR LESS
- MAXIMUM HEIGHT OF CHECK DAM IN CENTER OF WEIR MUST NOT EXCEED 2'
- SPACE CHECK DAMS SO THAT THE CREST OF THE DOWNSTREAM DAM IS THE SAME HEIGHT OF THE TOE OF THE UPSTREAM DAM. SPACING IS EQUAL TO THE HEIGHT OF THE CHECK DAM DIVIDED BY THE SLOPE (IN FEET)



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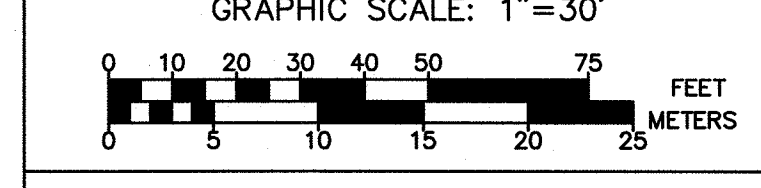
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DEPOT STREET ESTATES

DETAIL SHEET

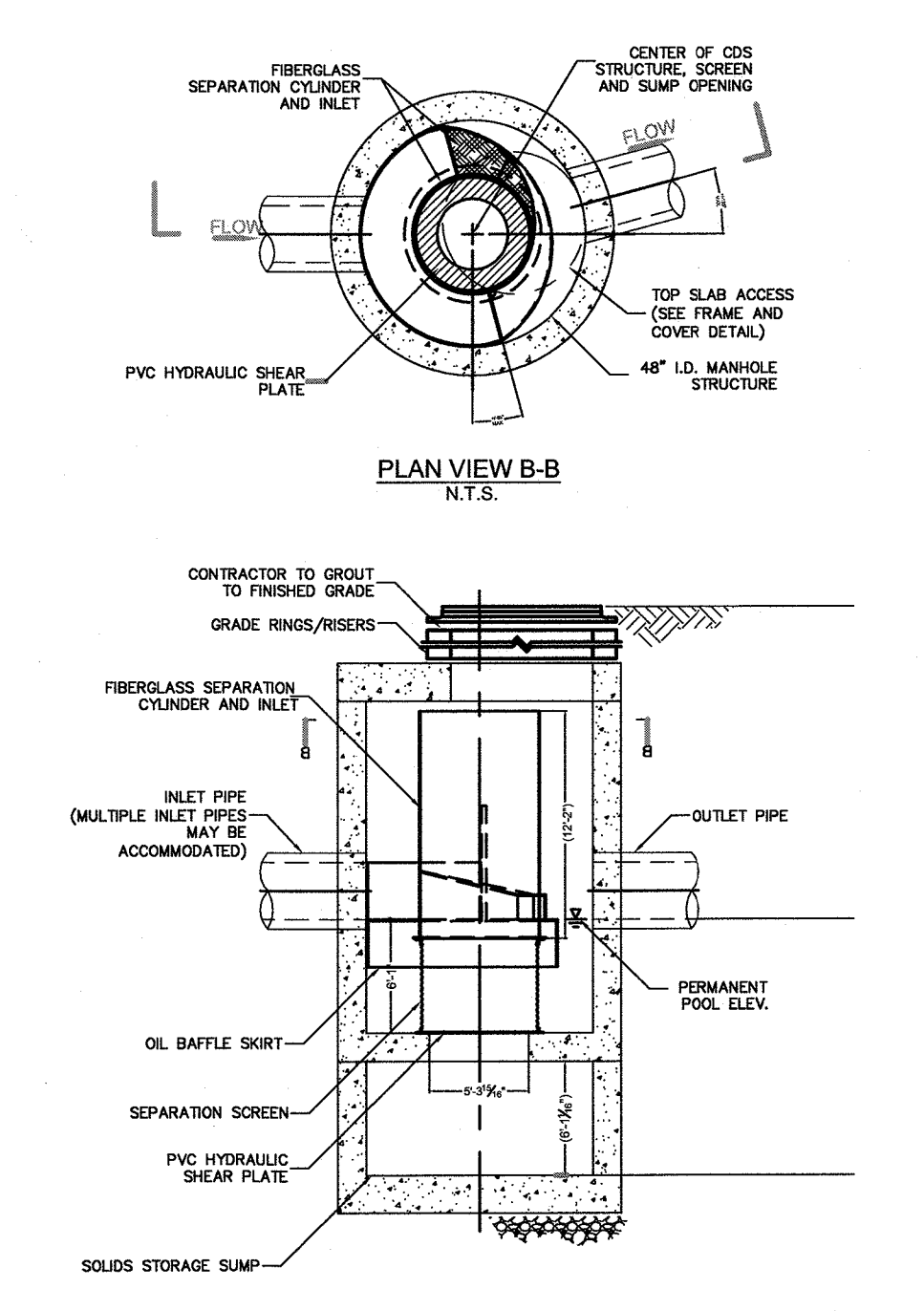
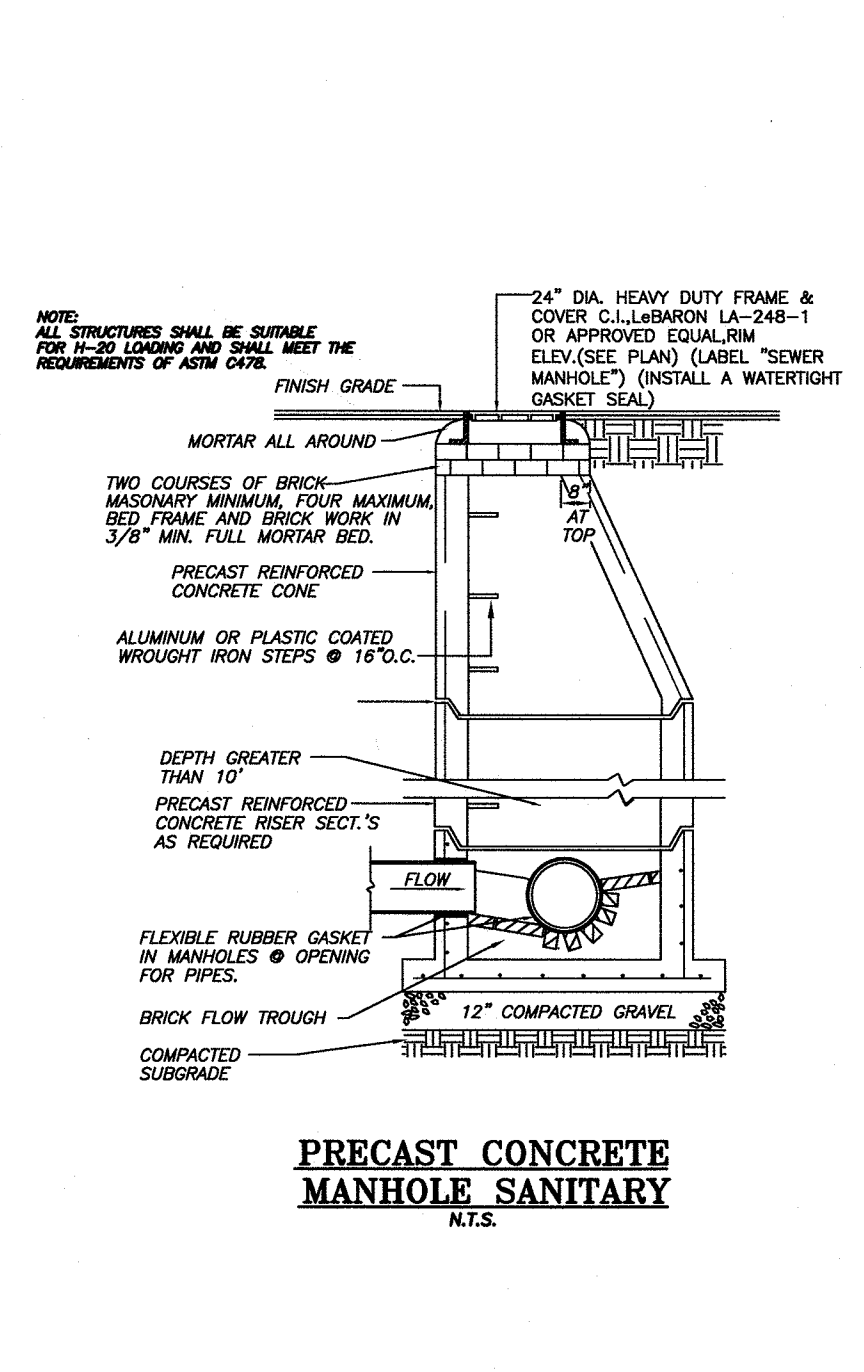
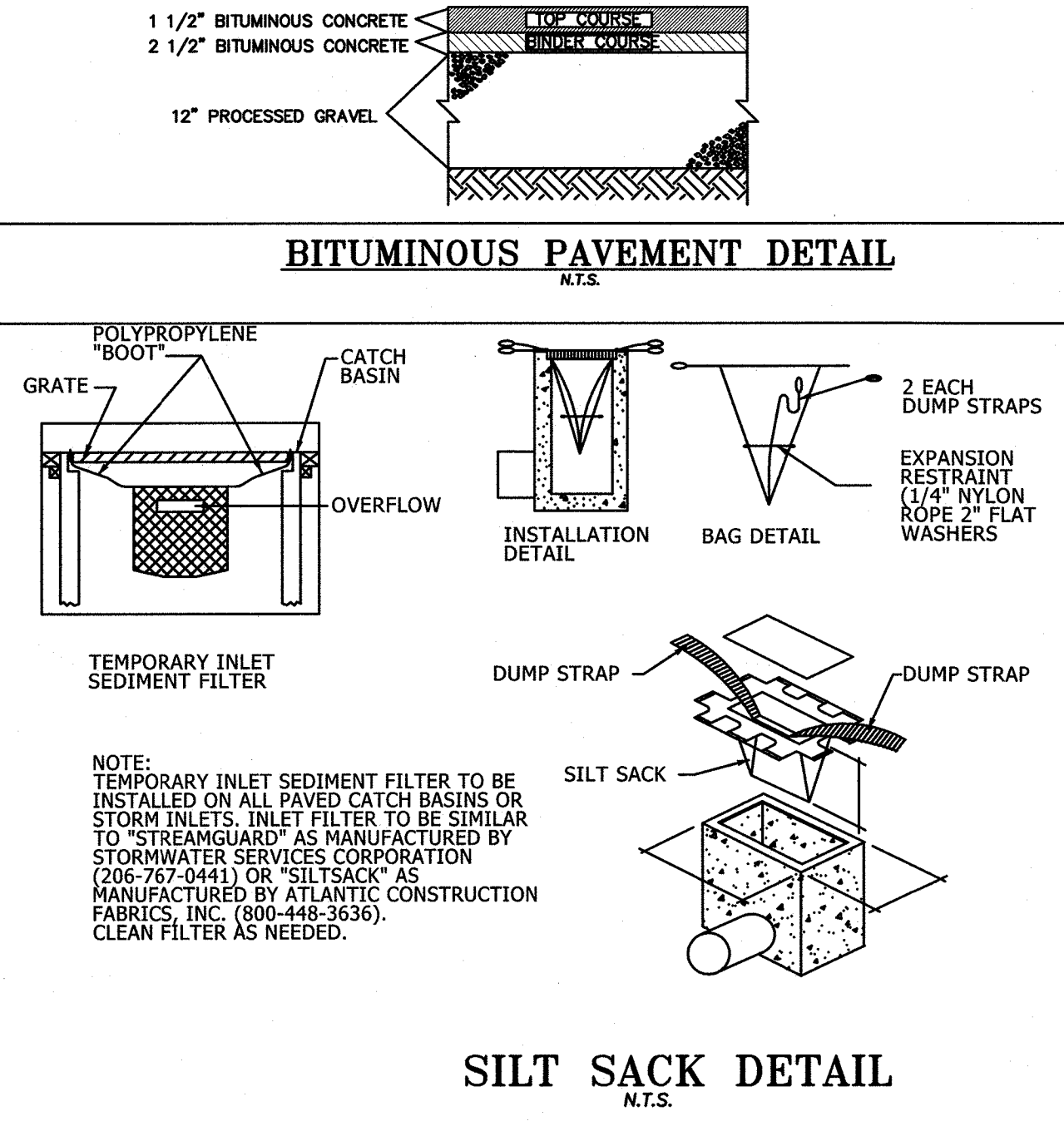
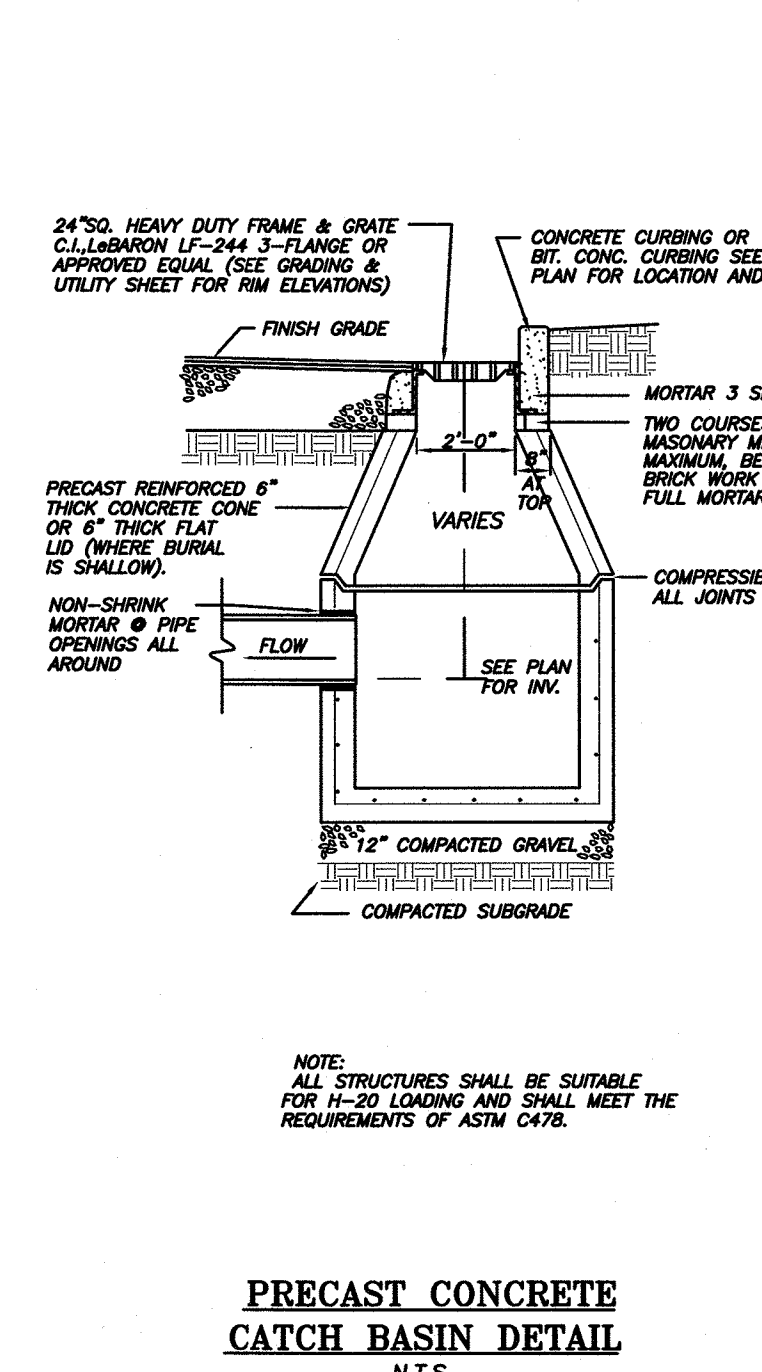
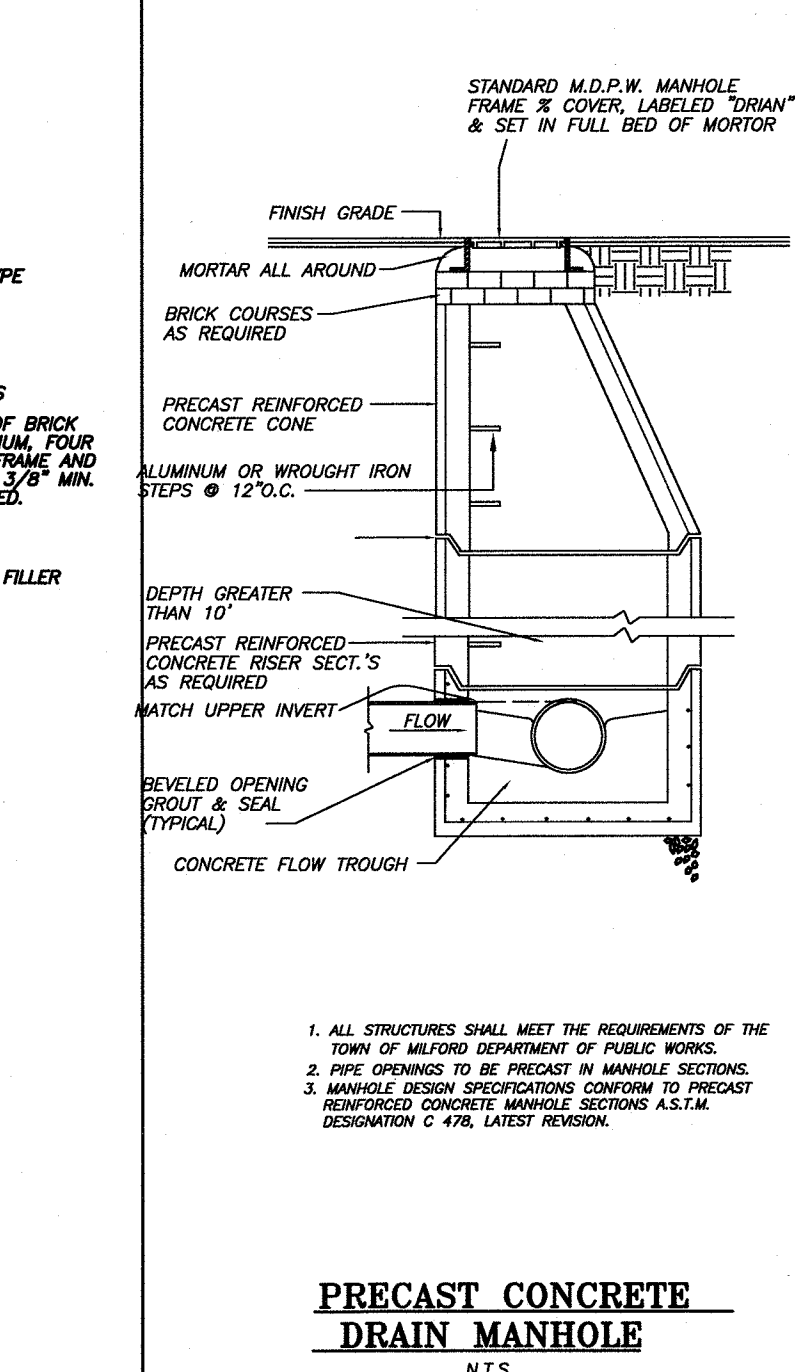
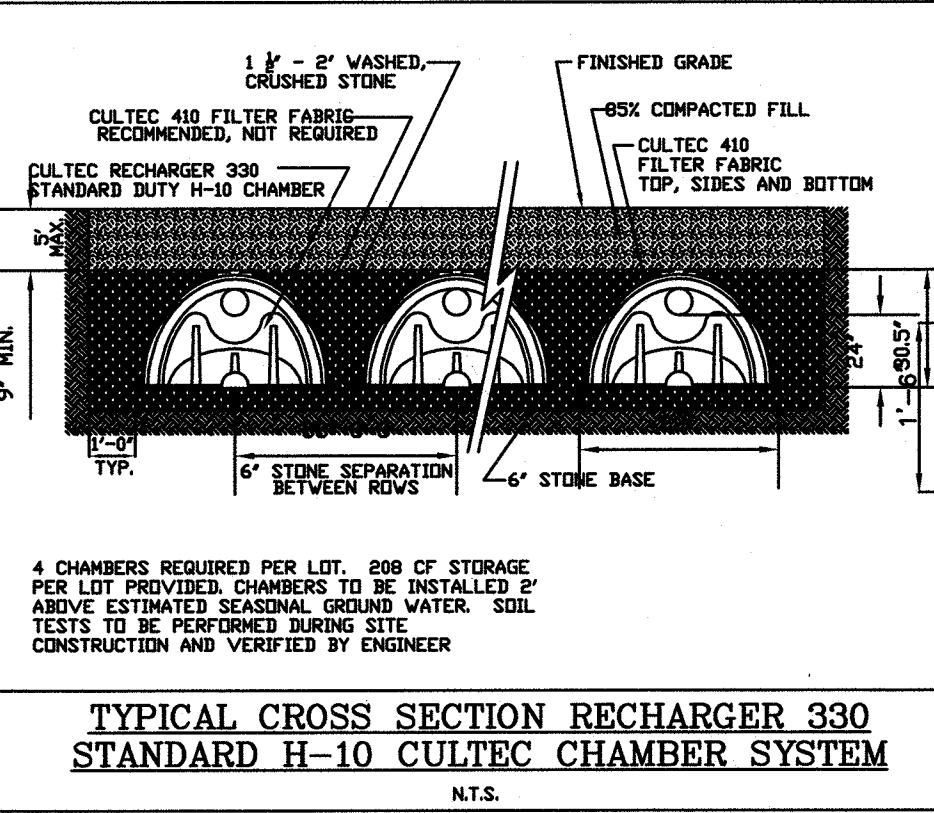
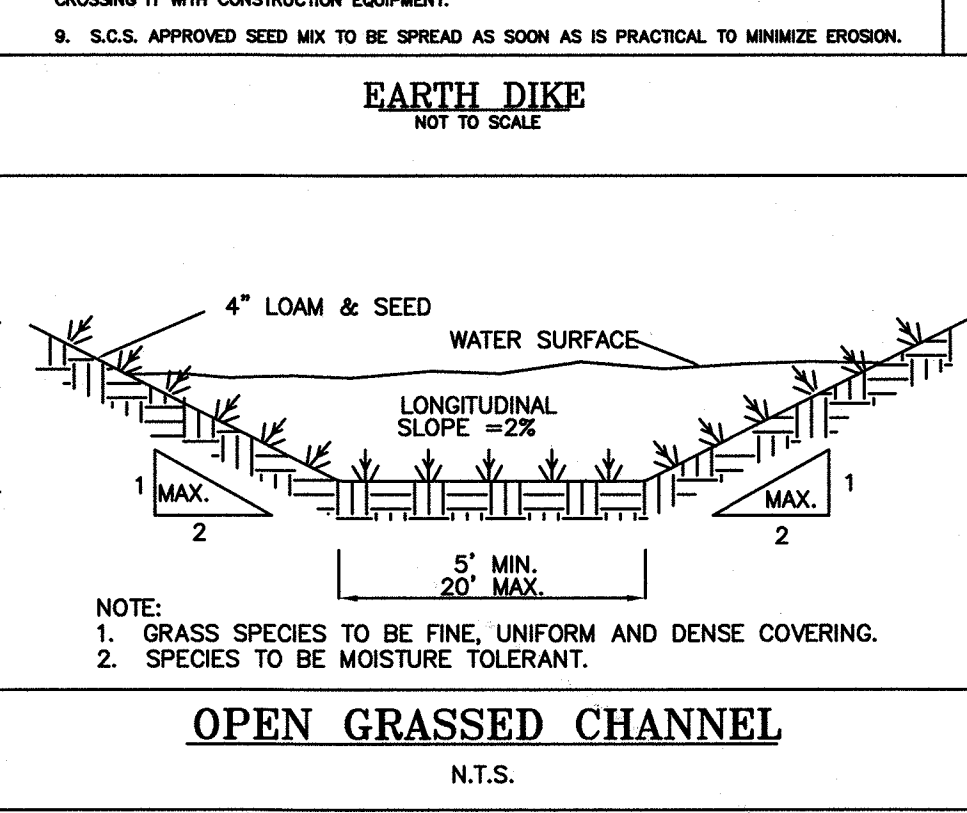
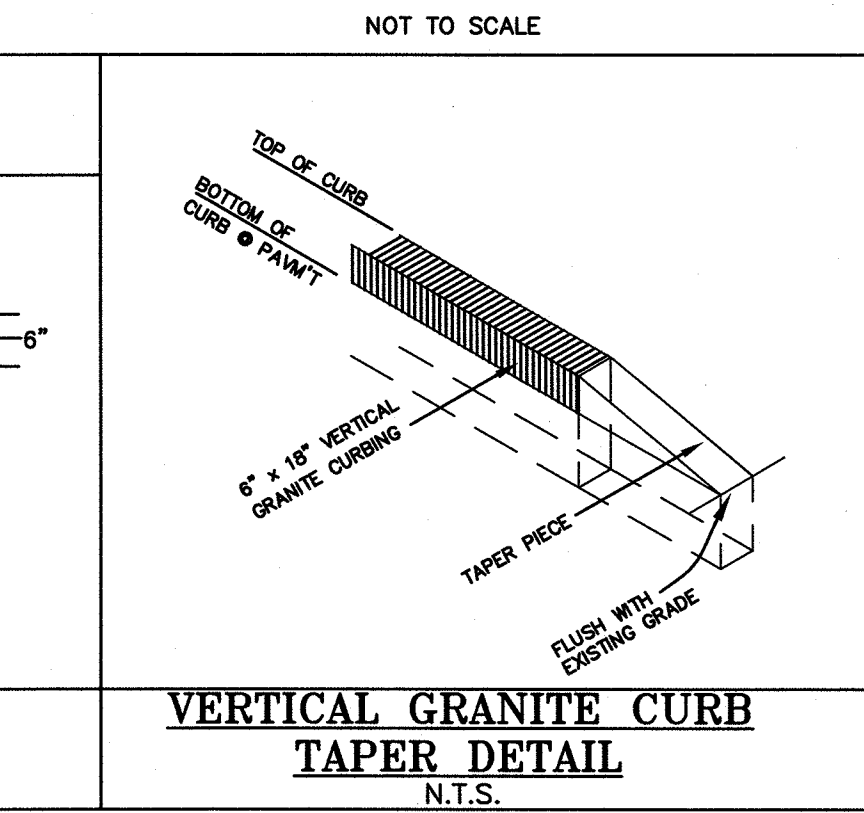
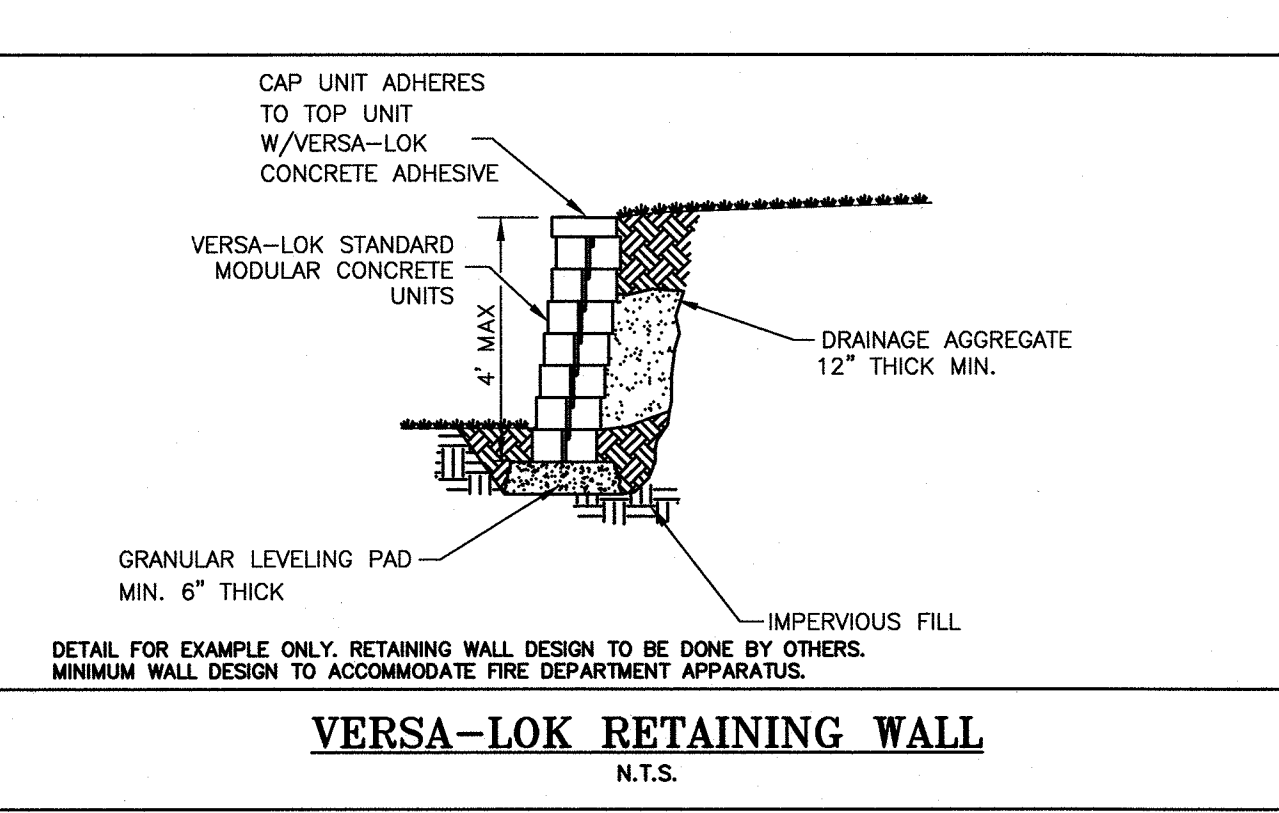
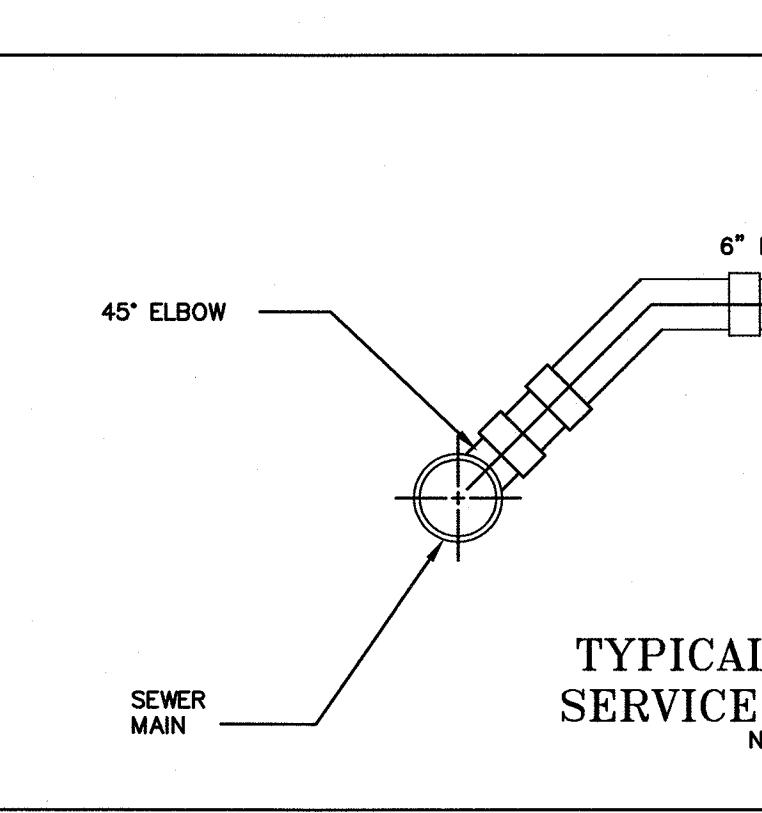
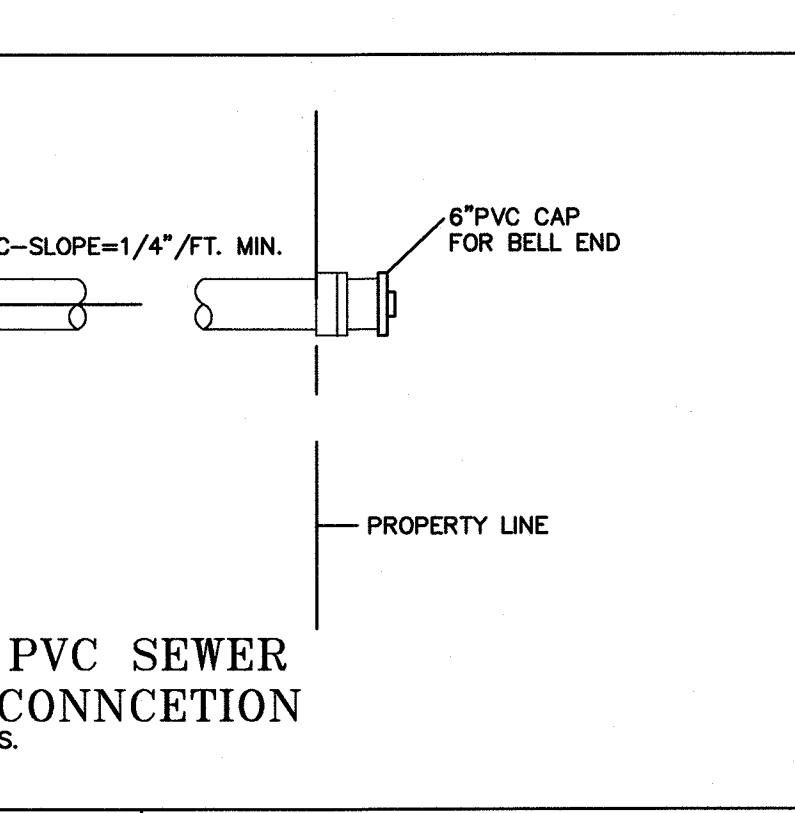
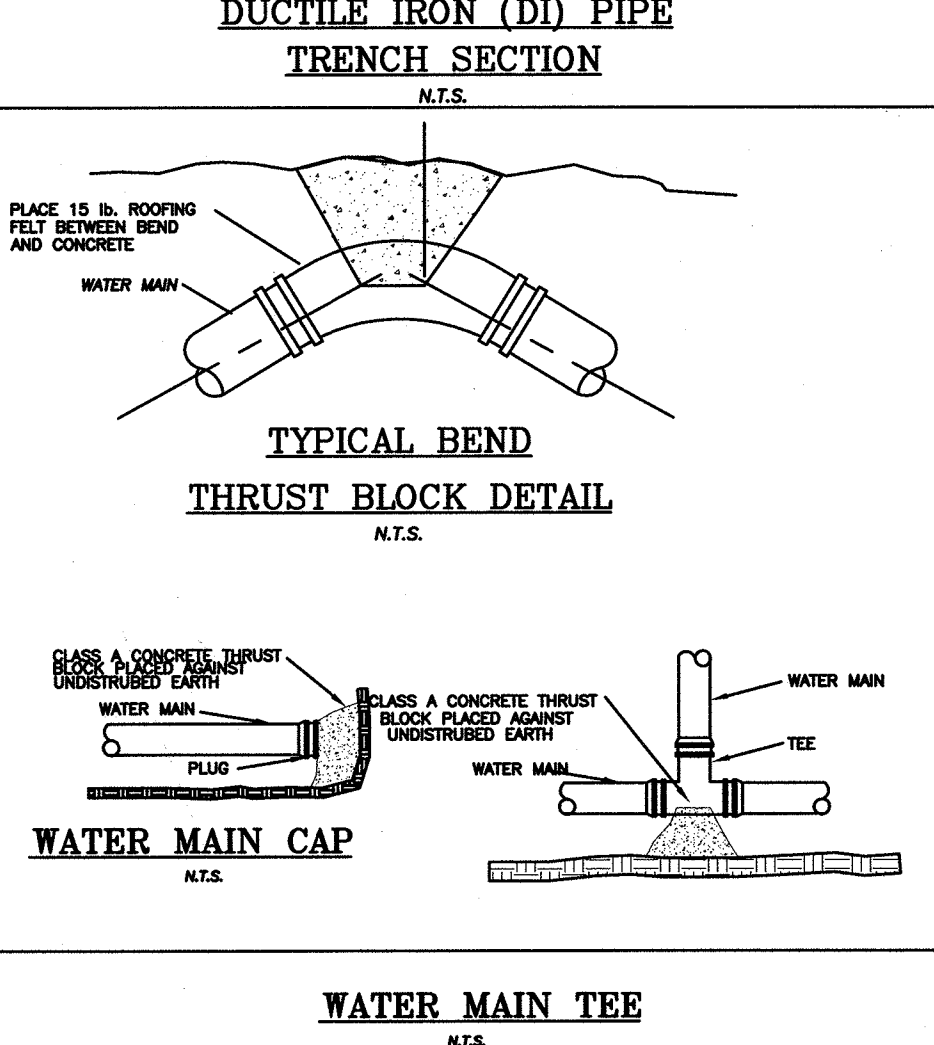
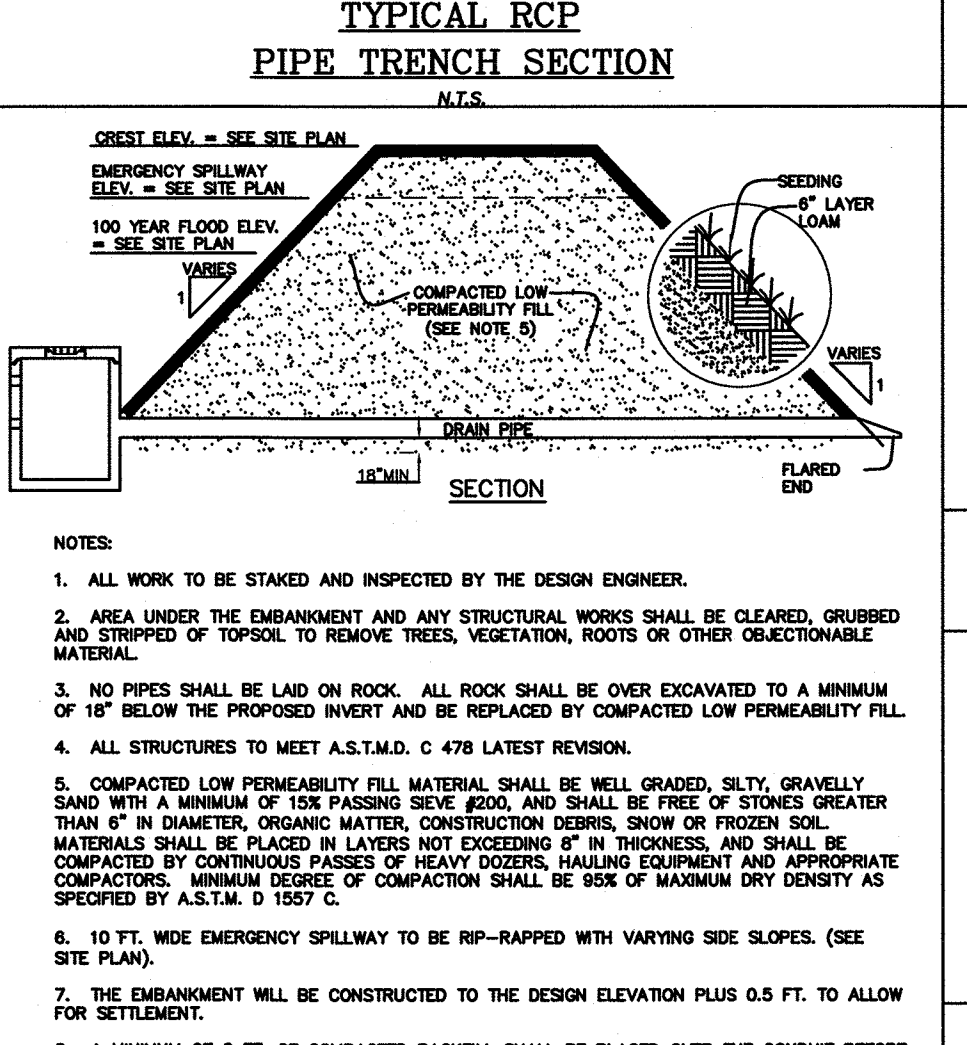
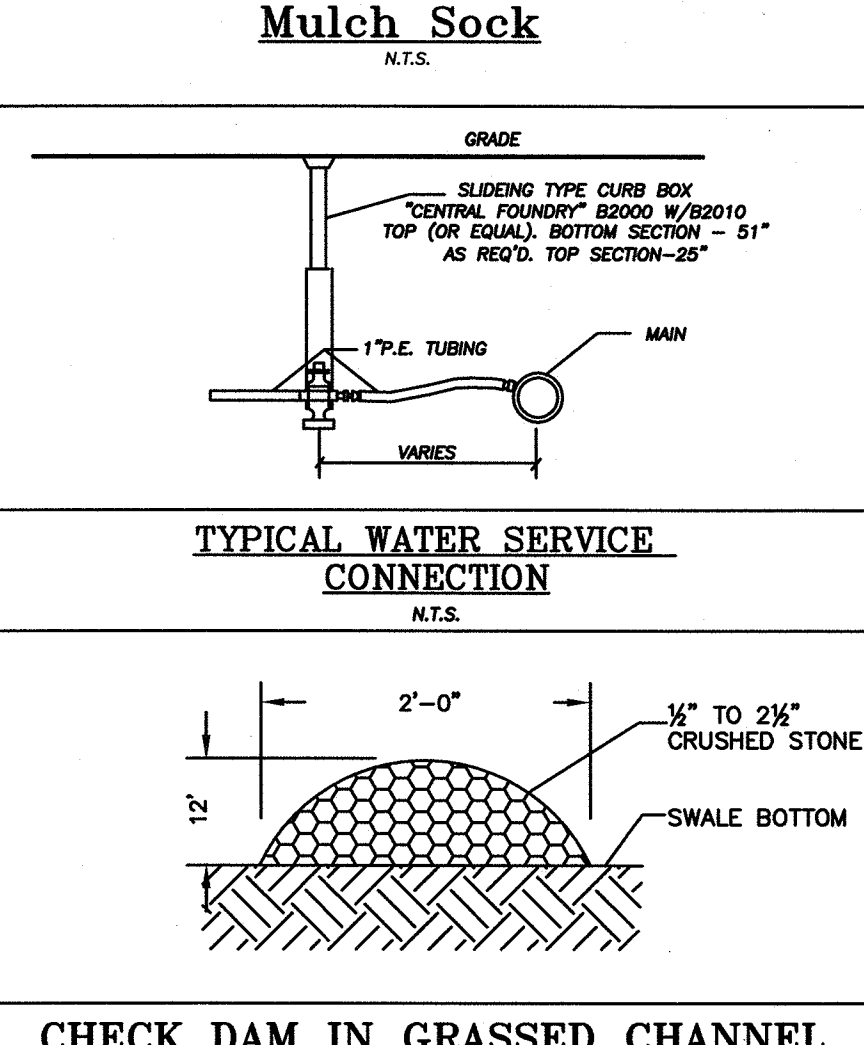
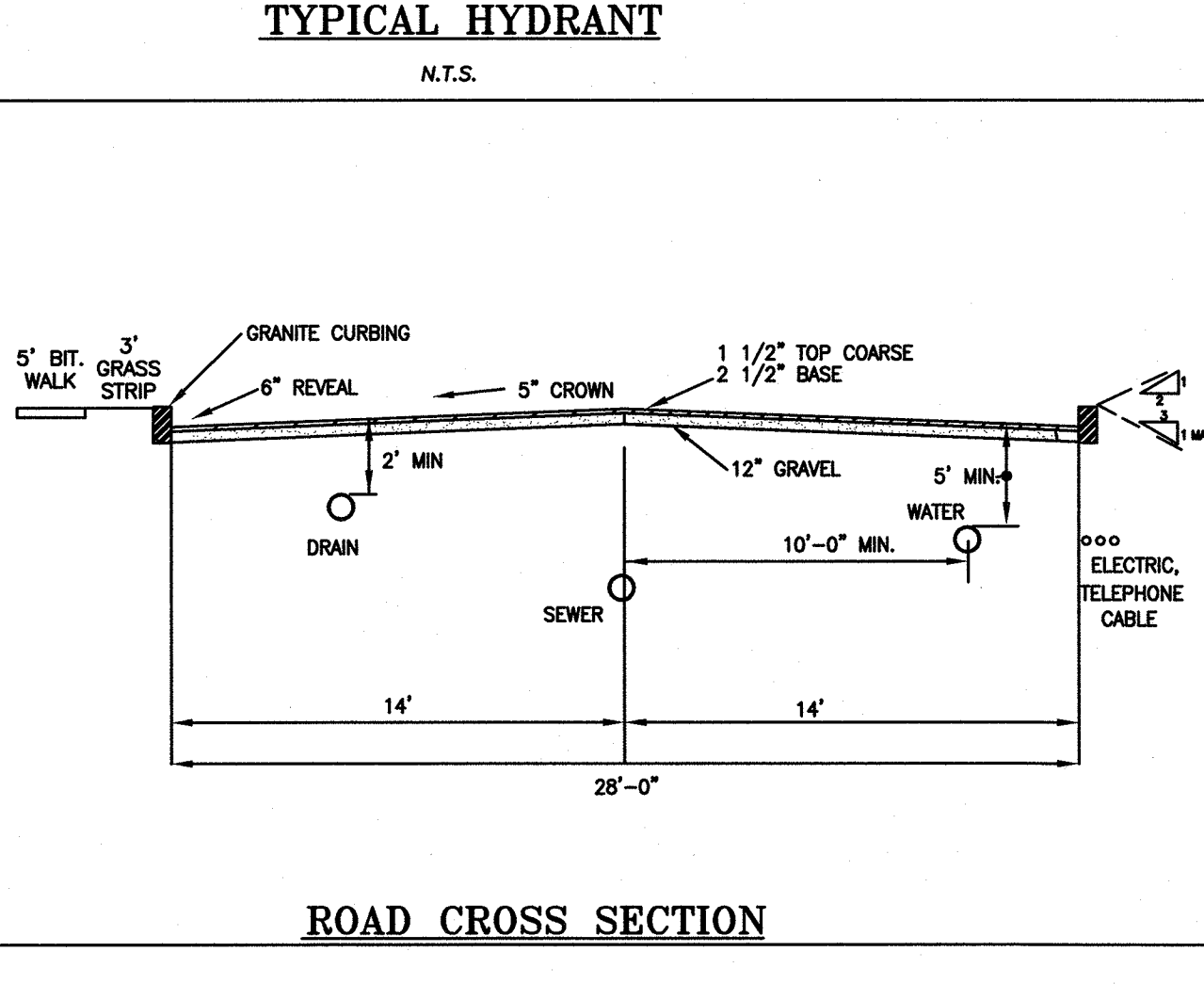
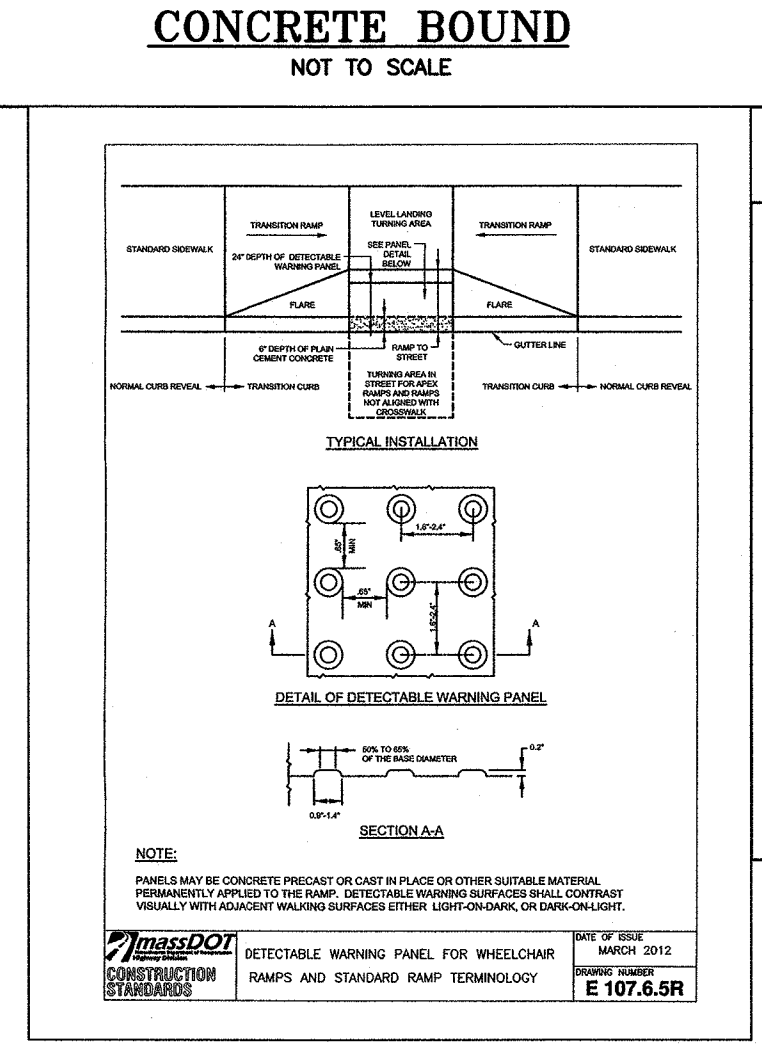
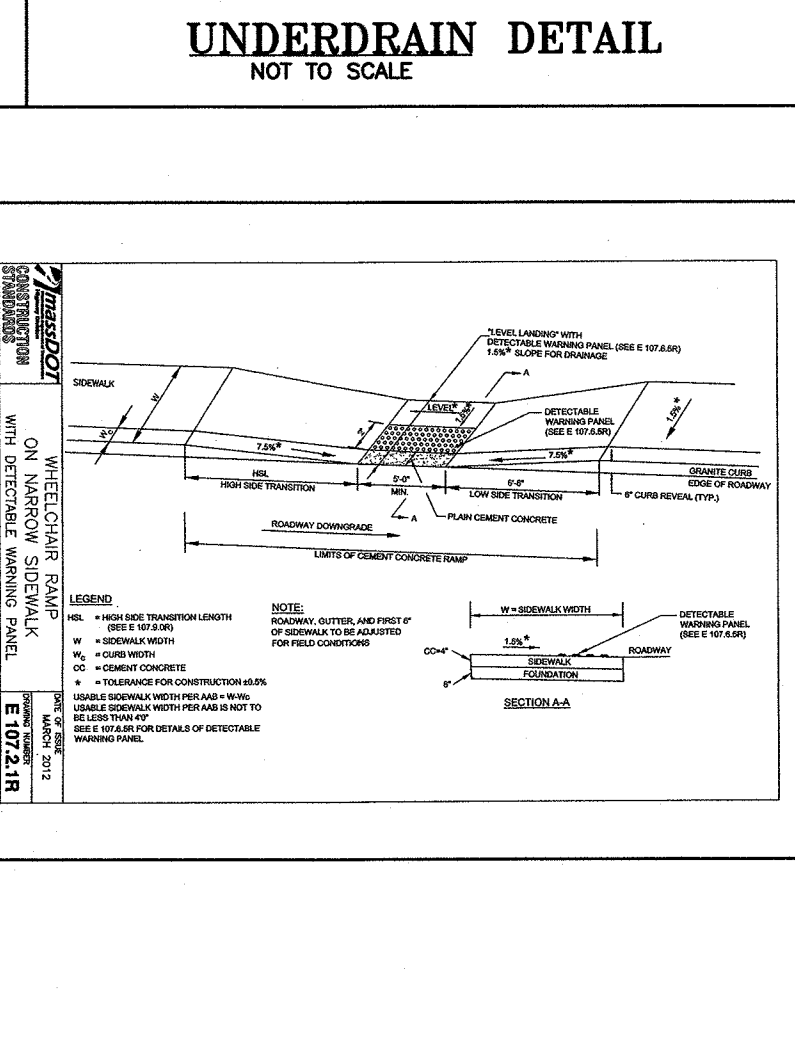
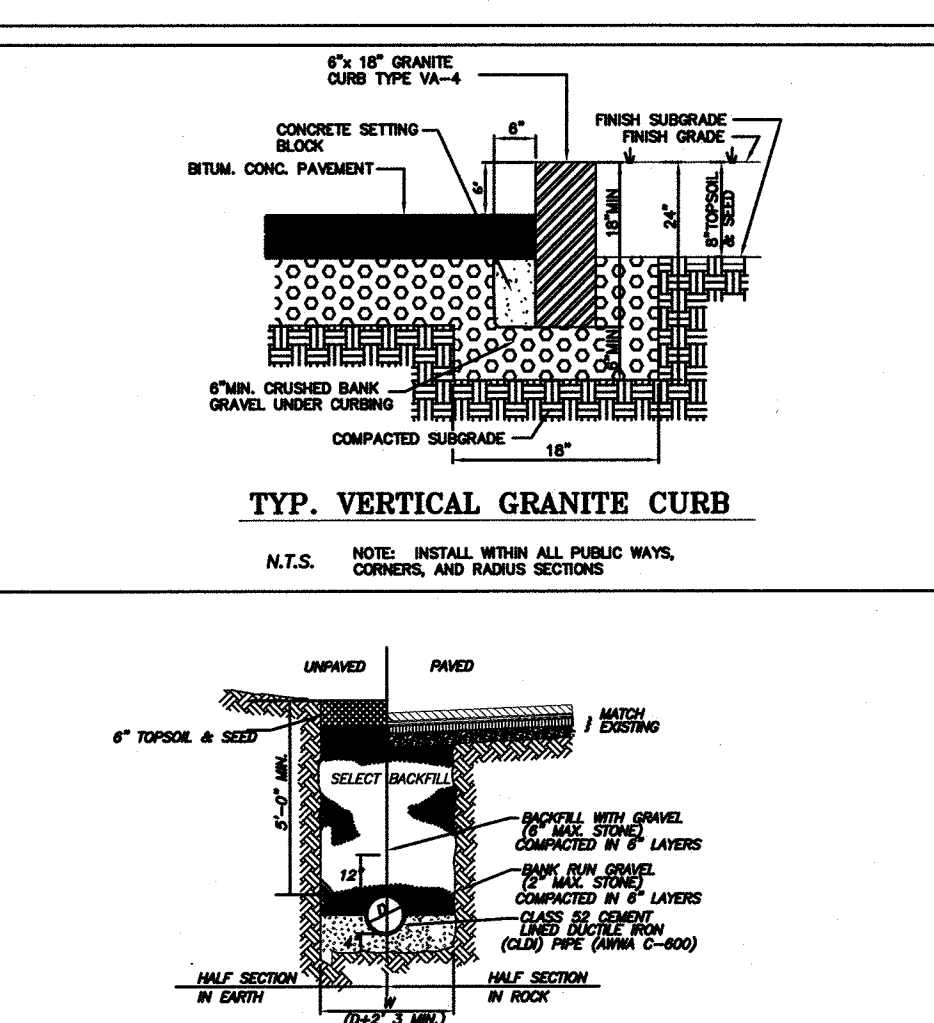
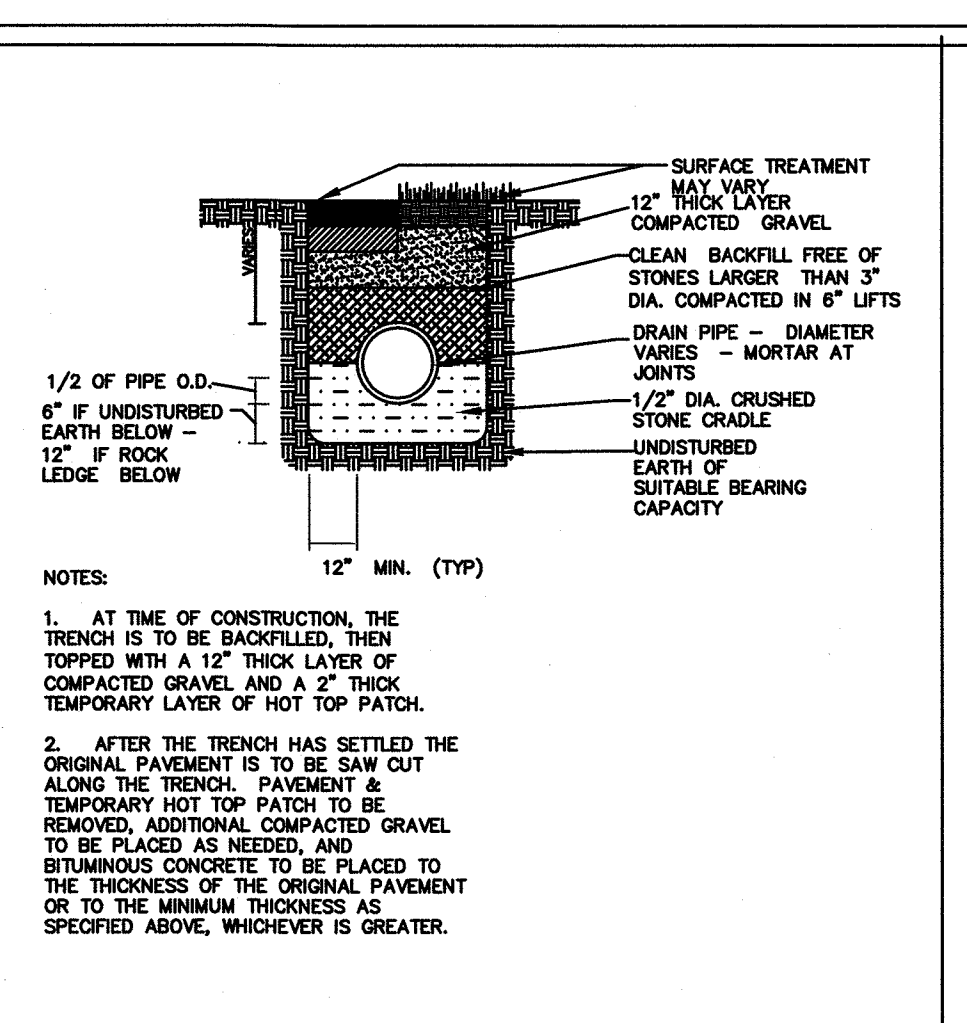
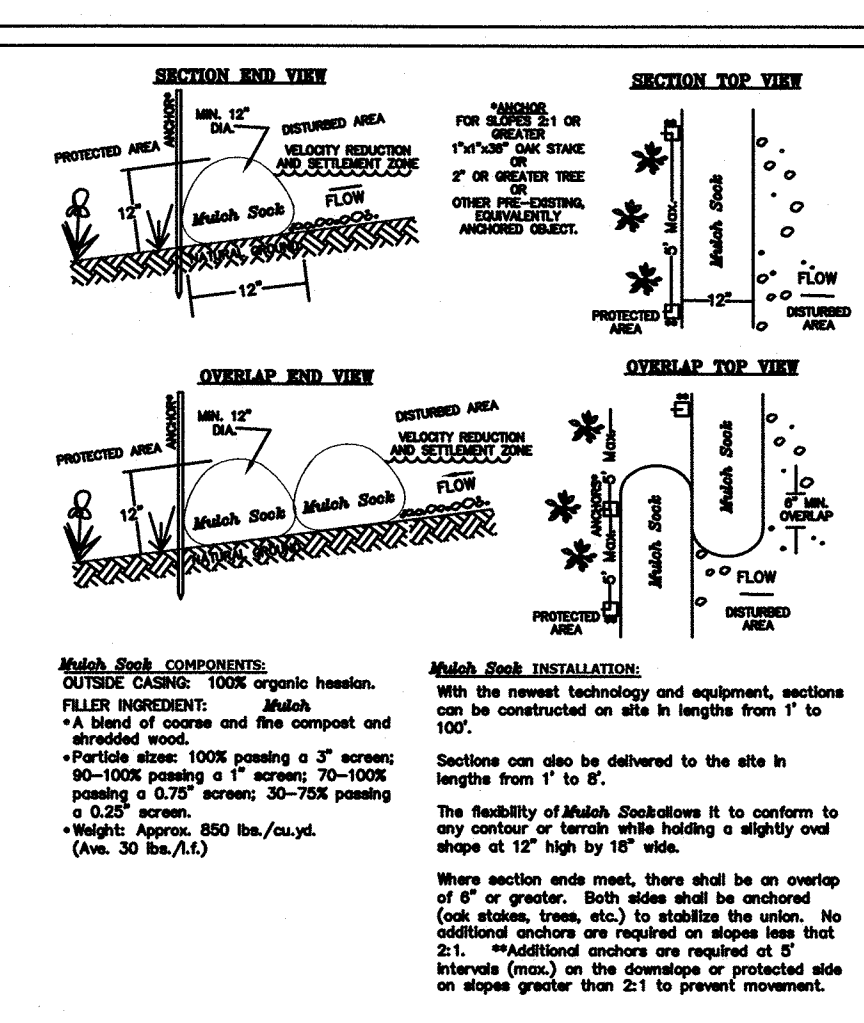
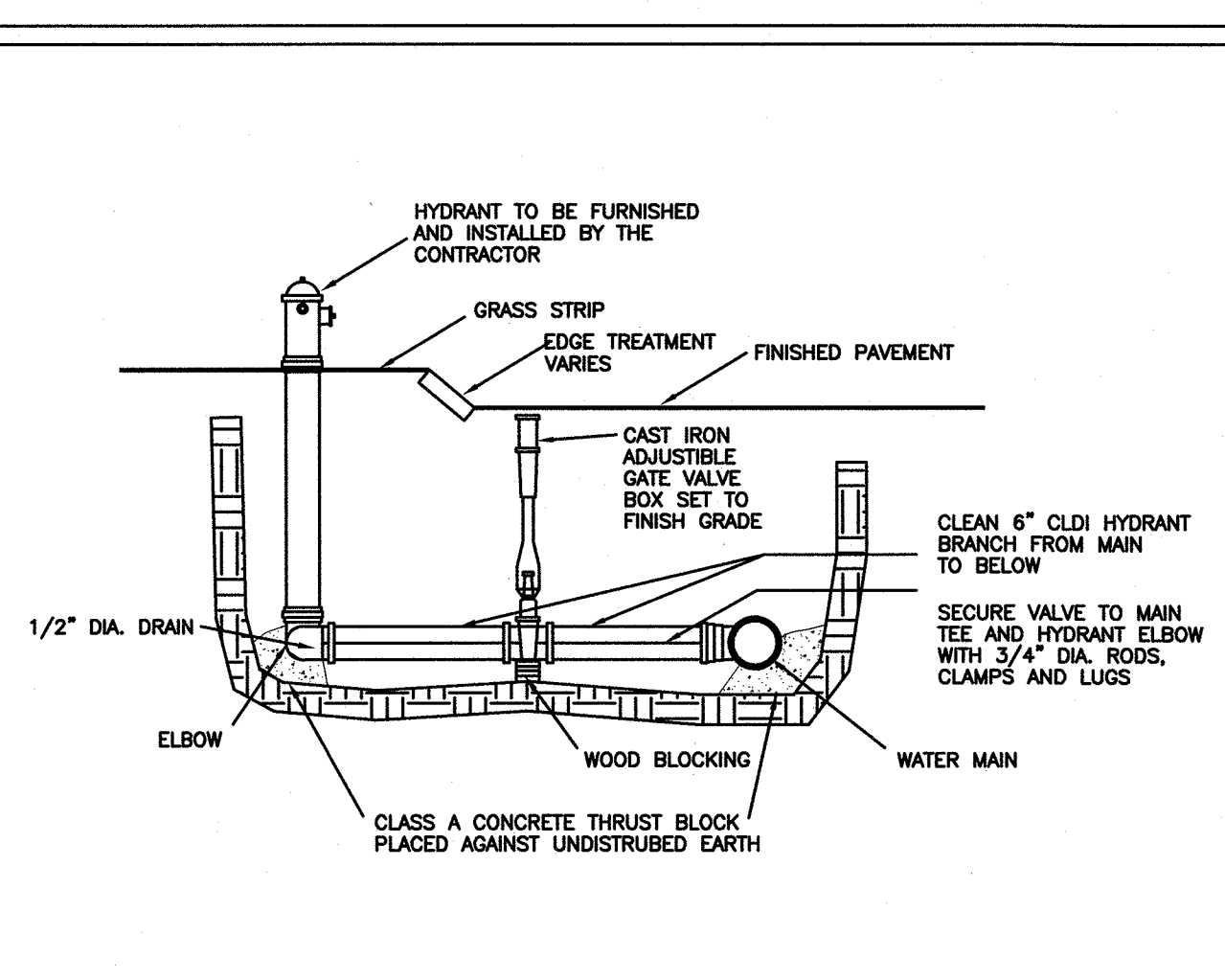
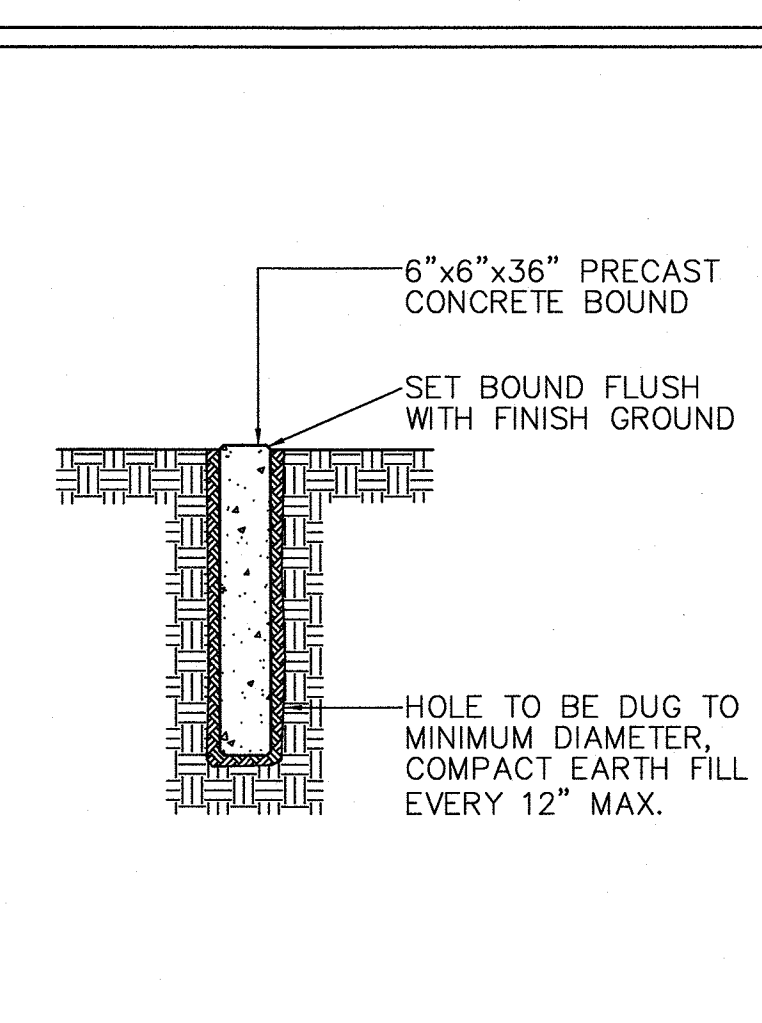
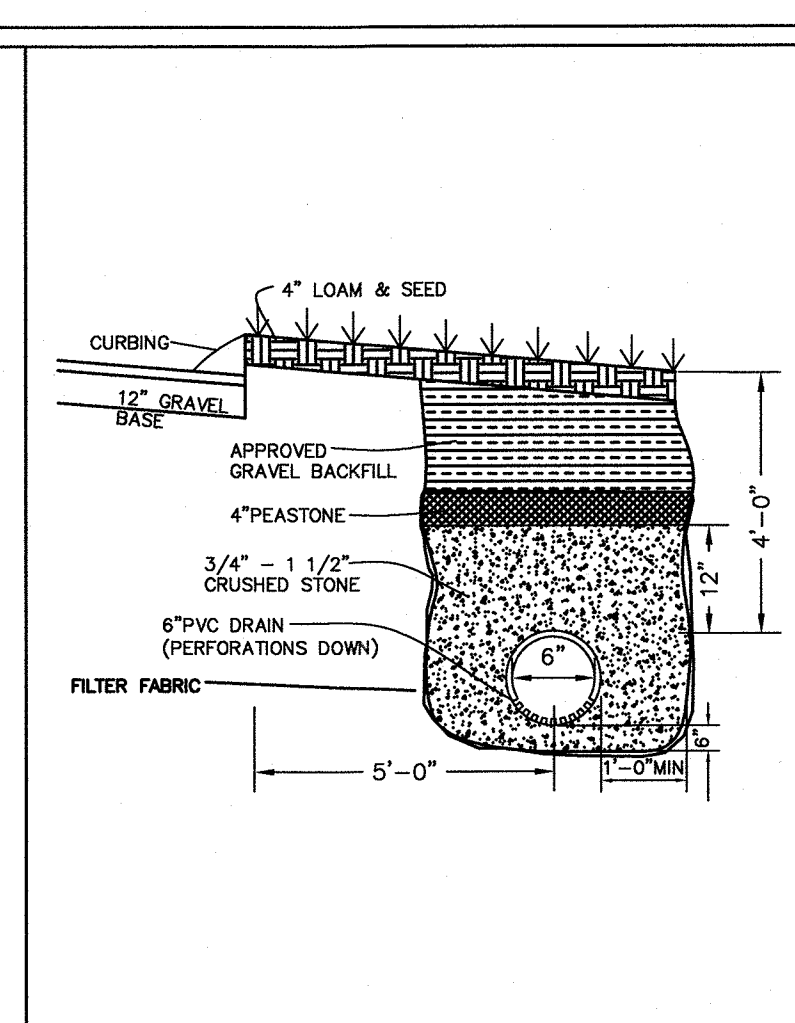
109 DEPOT STREET
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1 5/26/20	INITIAL SUBMITTAL	DWH
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Agenda Item # 5
Item is to be continued

Agenda Item # 6
Item is to be continued