#### **Waiver Requests for Plan Entitled**

Proposed Plan of Lots 45 Beacon Street Prepared by GA Consultants March 17, 2022

Mr. Angelo Salamone is asking that certain portions of the Subdivision and the Stormwater Management Regulations be waived so that the proposed two unit project can be approved without excessive costs and time delays. Specifically, Mr. Salamone is asking the following subsections of **Section 7.0 Design Standards** of the Subdivision Regulations be waived

- 7.1.1 Width and Grade of Ways
- 7.1.3 Street Cross Section
- 7.1.5 Dead End Streets/Cul-de-sacs
- 7.1.7 Curbing
- 7.2 Sidewalks

Additionally, Mr. Salamone is requesting that the fees required by **Section3.6 Fees** of the Subdivision Regulations be waived, as well as Subsections **3.6.3.1** and **3.6.4** 

Also included here is a request for waiver of fees required by the Stormwater Management and Erosion Control Regulations section **3 PERMIT FEES**, particularly subsection **3.1 Permit Application Fee** and subsection **3.2 Consultant Fee** 

#### Waiver Requests from Sections Subdivision Regulations Design Standards Listed Below

Because the project as proposed consists of only two units of housing and for practical purposes the extension of Beacon Street to provide access is comparable to a driveway and a turnaround for emergency vehicles has been provided and the right of way width of Beacon Street is already laid out we ask that the following sections of the Design Standards be waived.

#### 7.1.1 Width and Grade of Ways

a The width of street rights-of-way shall be sixty (60) feet. Cul-de-sac terminations of street rights-of-way shall consist of a right-of-way circle with a radius of sixty (60) feet, the center of which radius shall coincide with the centerline of the roadway. Where appropriate for the needs of vehicular access and public safety, the CPDC may require a greater right-of-way width or radius.

The current right of way of Beacon Street is only 40 feet and it is not possible to widen it to 60 feet and request that the right of way width be waiver to 40 feet

**b** Grades of all streets shall be the reasonable minimum, but not less than one percent (1%) nor more than six percent (6%) for principal streets, nor more than ten percent (10%) for minor streets. General slope of grades at all intersections shall be a maximum of two (2) % percent for a distance of at least

sixty-four (64) feet from beginning of intersection. Proposed roads shall have a slight negative grade when intersecting with existing roads at or within 50 feet of the beginning of the intersection.

Because of the steepness of the land and the existing street the 2% requirement cannot be met and the negative slope requirement cannot be met.

#### 7.1.3 Street Cross Section

The following shall be the minimum provided for streets. The Commission may require additional lanes, widths, and other dimensions where the use requires such increases. Cross sections shall conform to Figure 1, "Typical Cross Section for a Sixty-Foot Street", in the Appendix.

**a** At least a 30 foot travel way completely paved and uniformly graded from the crown of the roadway to the granite curbing at three-eighths of an inch (3/8") per foot;

**b** The dimensions of the roadway, curbing, tree lawns, and sidewalks shall conform to the cross section shown in Figure 1;

It is requested that the roadway width be limited to 20 feet and curbing and sidewalks be eliminated

#### 7.1.5 Dead End Streets/Cul-de-sacs

**c** Those dead end ways which shall eventually carry traffic to another way shall have a temporary turning circle having an outside pavement radius of not less than forty-five (45) feet.

It is requested that the turning circle in the cul-de-sac be waived

**e** An island within the cul-de-sac shall be required; it shall have a maximum outside radius of twenty (20) feet.

#### 7.1.7 Curbing

a Vertical granite curb shall be used throughout the subdivision. It shall be Type

VA-4 as defined in the 1988 Commonwealth of Massachusetts Department of

Public Works "Standard Specifications for Highways and Bridges."

- **b** Granite curb inlets shall be provided at all catch basins.
- **c** Granite curb corners (Type B) shall be provided at all driveways.
- **d** Granite transition curb shall be provided at all wheelchair ramps

It is requested that curbing be waived

#### 7.2 Sidewalks

**a** Sidewalks shall be constructed on both sides of the street. Bituminous concrete shall be used in all areas of Town except for the area generally bounded by Lowell, Salem, John, Washington, Willow, Summer and Prescott Streets (see figure 2, "Area Requiring Cement Concrete Sidewalks") where cement concrete sidewalks shall be used.

It is requested that sidewalks be waived

## Waiver Request of Fees listed below as Required by the Subdivision Regulations and the Stormwater Management and Erosion Control Regulations.

The waiver of fees is being requested because this project is a plan developed as a compromise with the Town to reduce a project from a previously approved ten unit project to a two unit project. The review of this two unit project can easily be done by the Engineering Department of the Town and outside consultants are not needed. While the project will incorporate appropriate Stormwater Management Practices and Erosion Control, review of such a small project by an outside consultant would place undo expenses on the proponent. This is especially true when considering that the MassDEP only requires Stormwater Best Management Practices to be applied to projects of four units or greater and only when a project is within or discharges 100 feet of a wetland resource area.

#### **Sections of the Subdivision Regulations**

#### 3.6 Fees

Application and Inspection Fees as described below shall be payable to the Town of Reading, by certified check only, at the time of filing of a subdivision plan pursuant to these Regulations. Any application not accompanied by the appropriate fee payment at the time of application shall be considered improper and incomplete in accordance with Section 3.7. hereof. No fees are refundable in whole or in part under any circumstances.

**3.6.3.1** In cases where no Preliminary Subdivision Plan had been filed \$500.00 plus \$30.00 per lot shown on the plan

#### 3.6.4 Review Costs

In addition to all other fees and charges specified herein, if the Commission in the course of review of an application, determines in its sole and absolute discretion that review of all or any part of a proposed project by (an) outside independent consultant(s) of the Commission's sole choosing is necessary for proper evaluation of the proposed project or its possible effects on any matter of public interest under the jurisdiction of the Subdivision Control Law, then the applicant shall provide immediately to the Town, by way of the Town Planner, (a) certified check(s) payable to such consultant(s) in an amount equal to the estimated cost of the relevant services of such consultant(s). No Building Permit or Certificate of Occupancy shall be issued for said project until all such review fees that may be so imposed have been paid in full.

Sections of the Stormwater Management and Erosion Control Regulations

#### **3 PERMIT FEES**

#### 3.1 Permit Application Fee

**3.1.1** Each Application shall be accompanied by the appropriate Permit Application Fee as set forth in the Stormwater Permit Fee Schedule promulgated by the CPDC. The Permit Application Fee is non-refundable.

#### 3.2 Consultant Fee

- **3.2.1** Pursuant to Section 7.9.5.6 of the Bylaw and Chapter 44, Section 53G of the Massachusetts General Laws, each Stormwater Permit Application may also be subject to a Consultant Fee, which will be determined after an administratively complete Application is received by the Planning Division.
- **3.2.2** Determination of Need for Consultant Review, Selection of Consultant and Determination of Initial Consultant Fee

It is requested that as part of the settlement all fees and the requirement of an outside consultant be waived

# MAJOR SITE PLAN MODIFICATION GRANDVIEW ROAD SUBDIVISION - PRIVATE WAY GRANDVIEW ROAD EXTENSION

PROJECT LOCATION:

LOTS 2, 3, and 4

GRANDVIEW ROAD EXTENSION

READING, MA 01867

## SHEET INDEX

C-0 COVER SHEET
SV-1 EXISTING CONDITIONS (BY OTHERS)
C-1 PLAN OF LAND
C-2 SITE AND TREE PRESERVATION PLAN
C-3 EROSION AND SEDIMENT CONTROL PLAN
C-4 GRADING AND DRAINAGE PLAN
C-5 UTILITY AND ROADWAY PROFILE PLAN
C-6 DETAILS SHEET 1

## PROPERTY INFORMATION

ADDRESS
LOTS 2, 3, & 4
GRANDVIEW ROAD EXTENSION
READING, MA 01867

RECORD OWNER
GRANDVIEW, LLC
45 BEACON STREET
READING, MA 01867

DETAILS SHEET 2

LOT SIZE

COMBINED LOTS 2, 3, & 4

45,132 S.F. (1.04 AC.±)

ZONING DISTRICT

SINGLE FAMILY 15 (S-15)

PARCEL ID
PART OF MAP 27, LOT 404

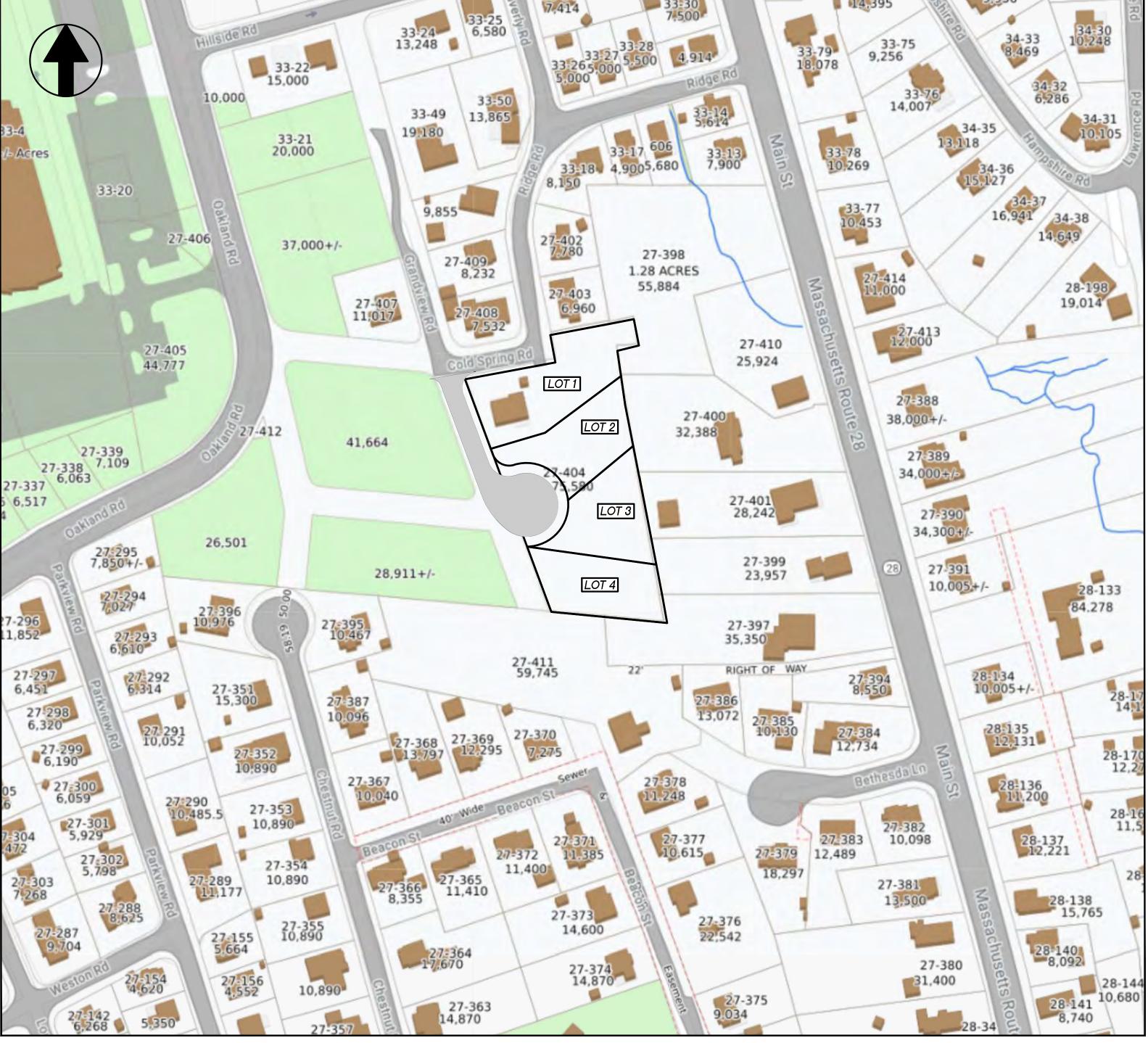
## PLAN REFERENCES

- 1. BOUNDARY, TOPOGRAPHIC, AND PLANIMETRIC INFORMATION WAS OBTAINED FROM AN ON-THE-GROUND SURVEY PERFORMED AND COMPLETED BY PFS LAND SURVEYING, INC., DRAWING NUMBER SV-1, DATED 7/8/2020.
- 2. MIDDLESEX SOUTH REGISTRY OF DEEDS PLAN 754 OF YEAR 2022.

## **GENERAL NOTES**

- 1. THE SUBDIVISION OF LAND FOR THIS PROJECT WAS APPROVED AND ENDORSED BY THE READING COMMUNITY PLANNING AND DEVELOPMENT COMMISSION (CPDC), AND THE SUBDIVISION WAS RECORDED WITH THE REGISTRY OF DEEDS AS PLAN 754 OF YEAR 2022.
- 2. THIS PLAN SET IS FOR THE APPROVAL OF A MAJOR SITE PLAN MODIFICATION. MODIFICATIONS INCLUDE REDESIGNING THE STORMWATER SYSTEM WITH ASSOCIATED SITE GRADING. EASEMENTS HAVE BEEN ADJUSTED AND THEREFORE WILL REQUIRE A NEW ENDORSED SET FOR RECORDING WITH THE REGISTRY.
- 3. TOPOGRAPHIC DATA IS ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- 4. UTILITY INFORMATION OBTAINED FROM THE REFERENCE SURVEY PLAN.
- 5. SOIL TESTS BY DEEP OBSERVATION HOLES WERE COMPLETED AND REPORTED BY ARMAND J. PORRAZZO (SE#1958) IN JULY 2020. SITE SOILS FROM THE NATURAL RESOURCES CONSERVATION SERVICE (NRCS) ONLINE WEB SOIL SURVEY DETERMINE THE SITE TO CONTAIN TWO (2) SOIL TYPES IDENTIFIED AS CANTON—CHARLTON—URBAN LAND COMPLEX WITH A HYDROLOGIC SOIL GROUP (HSG) "A" AND PAXTON FINE SANDY LOAM WITH A HSG "C".
- 6. THE SITE DOES NOT CONTAIN AREAS SUBJECT TO 1% ANNUAL CHANCE OF FLOODING AND IS IN ZONE "X" AS DETERMINED BY FEMA FLOOD INSURANCE RATE MAP (FIRM) 25017C0311E WITH AN EFFECTIVE DATE OF 6/4/2010.
- 7. THE SITE IS INLAND AND <u>NOT</u> LOCATED NEAR OR WITHIN THE FOLLOWING PROTECTED RESOURCE AREAS AS DETERMINED BY THE STATE OF MASSACHUSETTS ONLINE GIS MAPPING SYSTEM "OLIVER".

   NATURAL HERITAGE OF ENDANGERED SPECIES
  - RIVERFRONT
  - CERTIFIED VERNAL POOLS
  - WELLHEAD PROTECTION ZONES
- 6. THE SITE DOES CONTAIN A SMALL PORTION OF BORDERING VEGETATED WETLANDS AND WERE DELINEATED BY LEC ENVIRONMENTAL CONSULTANTS, INC. IN JUNE 2020.



**LOCUS MAP**SCALE: 1" = 100'

PREPARED FOR:
(APPLICANT)

MICHAEL SALAMONE

45 BEACON STREET
READING, MA 01867

FODERA
FODERA
ENGINEERING
28 HARBOR STREET, SUITE 204
DANVERS, MA 01923
(617) 877-3293

TOWN OF READING
COMMUNITY PLANNING AND DEVELOPMENT COMMISSION

DATE:

## ABUTTER'S LIST (NOW OR FORMERLY)

	ADDRESS 105 DEACON ST	OWNER  L SA L FAMILY TRUST PRIAN E DESMOND TRUSTE
	105 BEACON ST. 101 BEACON ST.	L & J FAMILY TRUST BRIAN F DESMOND TRUSTE BEVERE LOREEN M
27 369	99 BEACON ST.	JOHNSON PHILLIP M PHOEBE M JOHNSON
27-370	89 BEACON ST.	DECROTEAU MICHAEL EUGENE
27-371	36 BEACON ST.	CUSOLITO JOHN LINCOLN JR ETA BEACON ST 2012 REALTY
27-372	98 BEACON ST.	KELLETT JAY S JOYCE A KELLETT
27-377		DICLEMENTE MICHAEL C DICLEMENTE JAMIE
		WILMER CHRISTOPHER K SARA WILMER
	14 BETHESDA	LN. BRETCHKO PAVEL TITOVA ELENA
27-384	882 MAIN ST.	MOREIRA GREGORY C ERIN B MORIERA
27-385	11 BETHESDA LN.	SICILIANO ROBERT L SICILIANO STEPHANIE A
27-386	17 BETHESDA LN.	KOUTOUVIDES DAKIS S KOUTOUVIDES KIMBERLY A
27-387	37 CHESTNUT RD.	GOODHUE MARK J WHITNEY GOODHUE
27-394	884 MAIN ST.	GEORGE JENNIFER L DANIEL F DECARPIS
	43 CHESTNUT RD.	DASILVA JOSEPH A DASILVA ANASTASIA
	890 MAIN ST.	JOYCE MARY ELIZABETH JOHN JOYCE
27-398	MAIN ST.	MILLER KEITH L
	896 MAIN ST.	SANDBERG ELLEN L
27-400	908 MAIN ST.	CHEN I-CHEI
27-401	900 MAIN ST.	READING KOREAN CHURCH OF THE NAZARENE
27-402	26 RIDGE RD.	KERR CHRISTOPHER A LESLIE N KERR
27-403	32 RIDGE RD.	BEAUCHER ROBERT A BARBARA L BEAUCHER
27-404 27-405	4 COLDSPRING RD. OAKLAND RD.	JEAN PENNY A TOWN OF READING READING MEMORIAL HIGH
27-403 27-407	23 GRANDVIEW RD.	CUSOLITO ROBERT P JOANNE CUSOLITO
27-407	31 RIDGE RD.	CORAM GEOFFREY SUSAN G CORAM
27-409		FONG ELAINE
27-410		
		SALAMONE ANGELO
33–13	930 MAIN ST.	RICCI ANTHONY J JANET K GALLAGHER RICCI
33-14	934 MAIN ST.	CROSBY JO ANN
33-15	RIDGE RD.	TOWN OF READING
33-16	8 RIDGE RD.	YAO RYAN S
33-17	10 RIDGE RD.	ALLEN KATHERINE D
33-18	14 RIDGE RD.	HEGARTY GERALD P ETAL TRS GERALD P HEGARTY REVOC
33-19	OAKLAND RD.	TOWN OF READING SCHOOL DEPT.
33-23	23 RIDGE RD.	
33-49		DRUID DAVID A PATRICIA E DRUID
33-50	2 WAVERLY RD.	HILDRETH JOHN W JUDITH D HILDRETH

## UTILITIES AND CONTACTS

## CABLE

CABLE

COMCAST CABLE CORPORATION
5 OMNI WAY
CHELMSFORD, MA 01824
ATTN: TED QUINT
978-848-5163
ted\_quint@comcast.com

## GAS

NATIONAL GRID GAS
40 SYLVAN ROAD
WALTHAM, MA 02451
ATTN: MELISSA OWENS
781-907-2845
melissa.owens@nationalgrid.com

## WATER AND SEWER

READING DPW 16 LOWELL ST. READING, MA 01867 781-942-9077 VERIZON
385 MYLES STANDISH BLVD.
TAUNTON, MA 02780
ATTN: KAREN MEALEY
774-409-3160
karen.m.mealey@verizon.com

**ELECTRIC** 

230 ASH ST.

READING, MA 01867

ATTN: PETER PRICE

781-942-6429

pprice@rmld.com

TELEPHONE

## DEPARTMENT OF PUBLIC WORKS

READING MUNICIPAL LIGHT DEPARTMENT

READING DPW ENGINEERING DIVISION
16 LOWELL ST.
01867
READING, MA 01867
781-942-9082

## CONSULTANTS

## CIVIL ENGINEER

FODERA ENGINEERING
28 HARBOR ST., SUITE 204
DANVERS, MA 01923
ATTN: GIOVANNI FODERA, P.E.
617-877-3293
gfodera@foderaengineering.com

## LAND SURVEYOR

PFS LAND SURVEYING, INC. 20 BALCH AVE. GROVELAND, MA 01834 ATTN: BRYAN PARMENTER, P.L.S. 508-446-0781 bryan@pfsland.com

<u>DATE:</u> **APRIL 20, 2023** 

## REVISION BLOCK

REVISION SET	REVISION DATE	COMPLETED B	
_	_	_	
_	_	_	
_	_	_	
_	_	_	
_	_	_	
_	_	_	



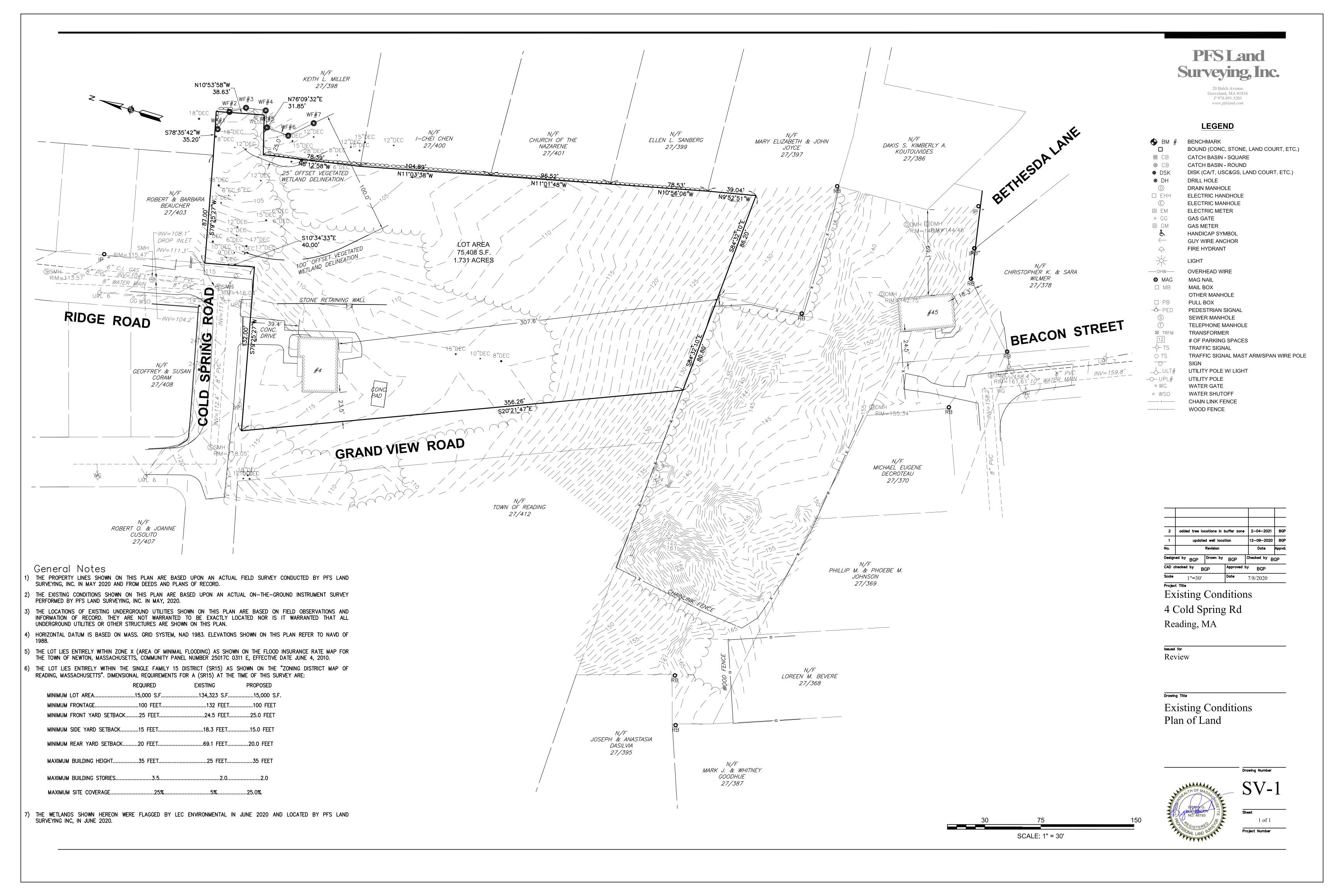
JOB NO.: 20160-149

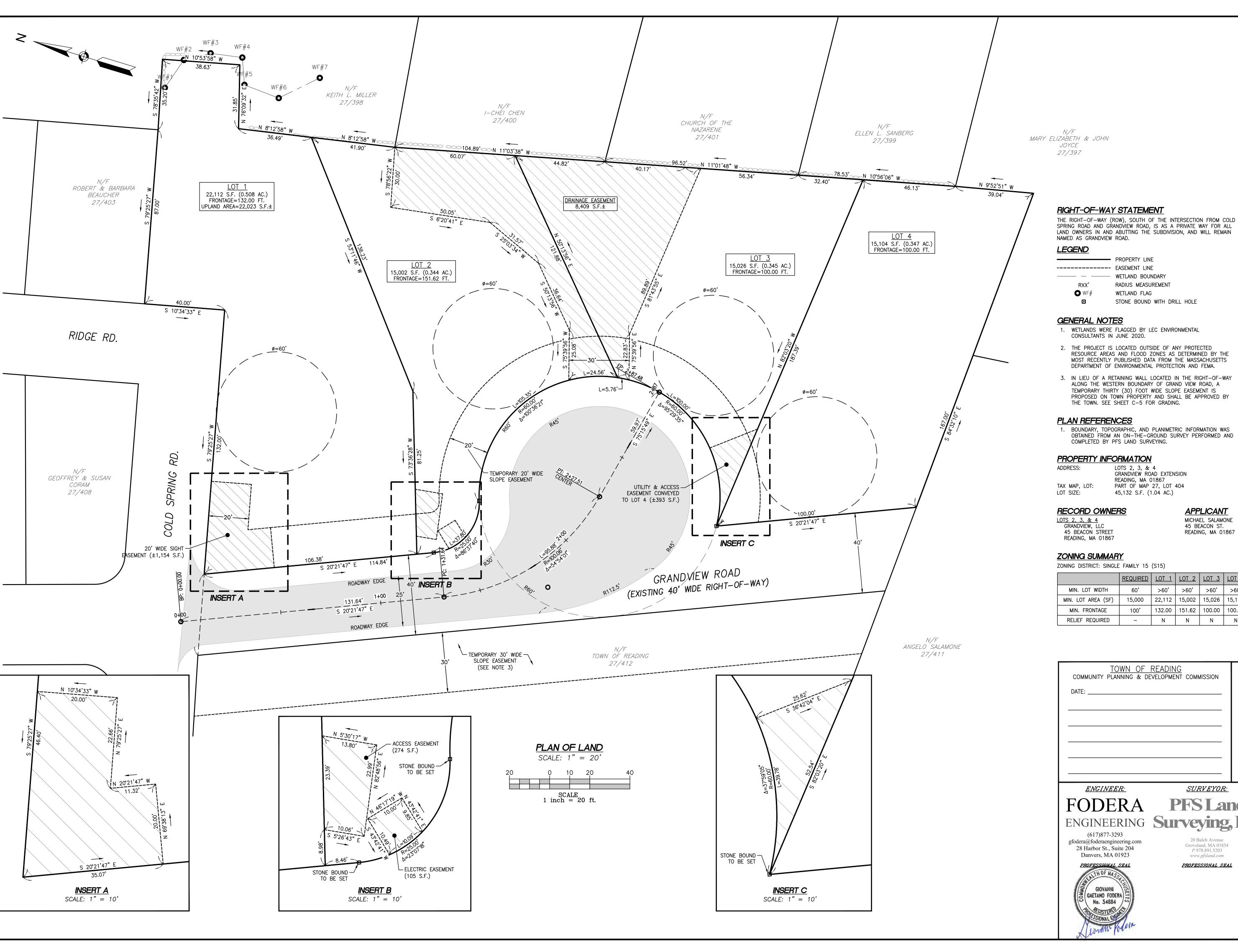
SHEET TITLE:

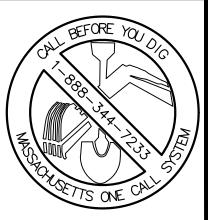
COVER SHEET

SHEET NUMBER:

C-0







MAJOR SITE PLAN
GRANDVIEW ROAD SUBDI
(GRANDVIEW PE

**ZONING SUMMARY** 

ZONING DISTRICT: SINGLE FAMILY 15 (S15)

	<u>REQUIRED</u>	<u>LOT 1</u>	LOT 2	LOT 3	LOT 4
MIN. LOT WIDTH	60'	>60'	>60'	>60'	>60'
MIN. LOT AREA (SF)	15,000	22,112	15,002	15,026	15,104
MIN. FRONTAGE	100'	132.00	151.62	100.00	100.00
RELIEF REQUIRED	-	N	N	N	N

WETLAND BOUNDARY

WETLAND FLAG

LOTS 2, 3, & 4

READING, MA 01867

GRANDVIEW ROAD EXTENSION

APPLICANT
MICHAEL SALAMONE
45 BEACON ST.
READING, MA 01867

PART OF MAP 27, LOT 404

45,132 S.F. (1.04 AC.)

RADIUS MEASUREMENT

STONE BOUND WITH DRILL HOLE

ENGINEER:

## **FODERA** ENGINEERING Surveying, Inc.

(617)877-3293 gfodera@foderaengineering.com 28 Harbor St., Suite 204

20 Balch Avenue Groveland, MA 01834 P 978.891.5203 Danvers, MA 01923 www.pfsland.com

PROFESSIONAL SEAL

SURVEYOR:

**PFS Land** 

JOB NO.: 20160-148 SHEET TITLE: PLAN OF LAND

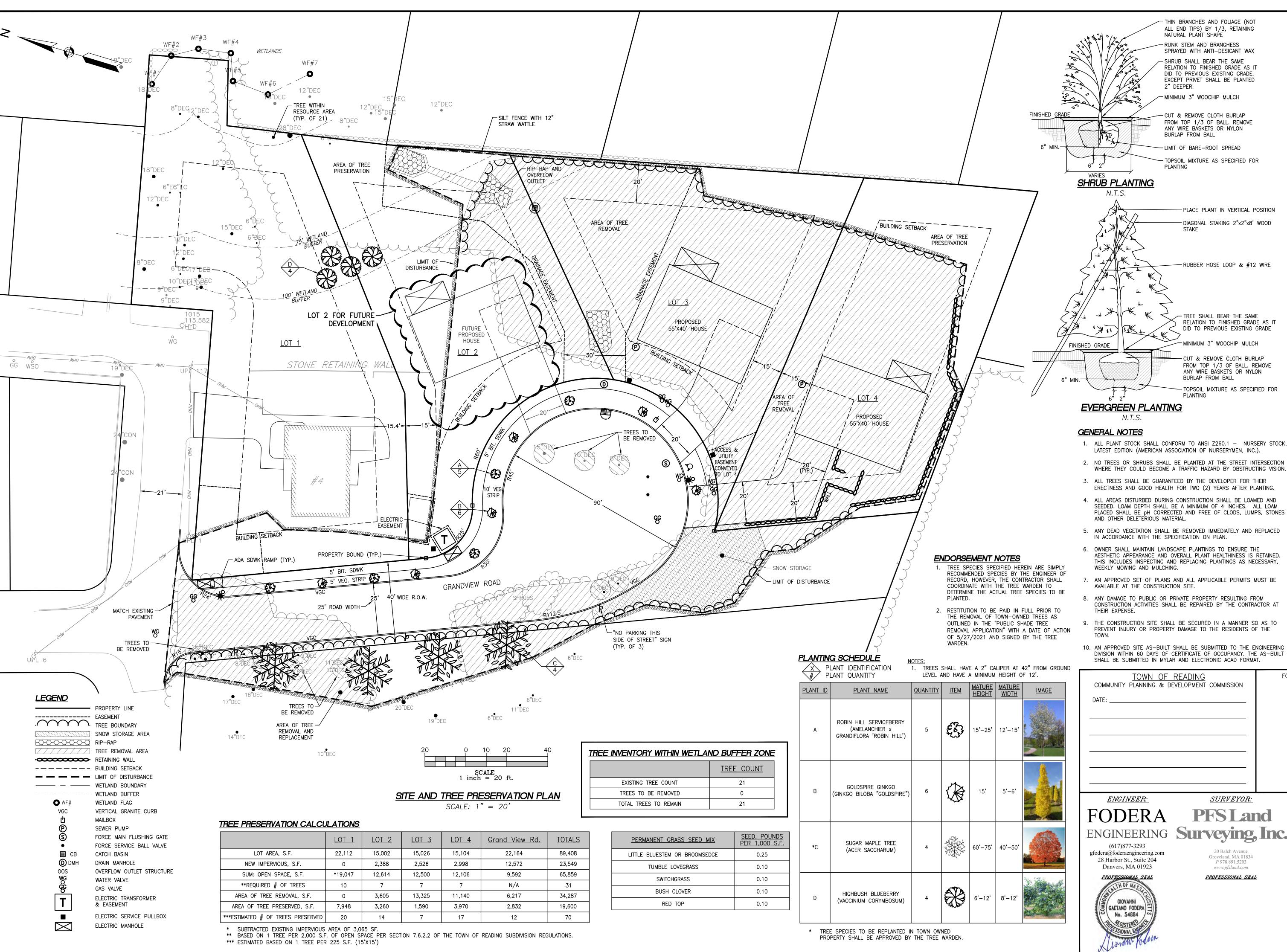
COPYRIGHT NOTICE
This drawing is property of Fodera Engineering and is not to be used for any purpose other than the specific project and site named herein, and cannot have reproduced in any

be reproduced in any nanner without the express

written permission from the engineer on record.

FOR REGISTRY USE ONLY

SHEET NUMBER:



DATE B

PLAI SUBL N RO,

2. NO TREES OR SHRUBS SHALL BE PLANTED AT THE STREET INTERSECTION WHERE THEY COULD BECOME A TRAFFIC HAZARD BY OBSTRUCTING VISION

3. ALL TREES SHALL BE GUARANTEED BY THE DEVELOPER FOR THEIR

ERECTNESS AND GOOD HEALTH FOR TWO (2) YEARS AFTER PLANTING.

4. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEEDED. LOAM DEPTH SHALL BE A MINIMUM OF 4 INCHES. ALL LOAM PLACED SHALL BE pH CORRECTED AND FREE OF CLODS, LUMPS, STONES

5. ANY DEAD VEGETATION SHALL BE REMOVED IMMEDIATELY AND REPLACED

- 6. OWNER SHALL MAINTAIN LANDSCAPE PLANTINGS TO ENSURE THE AESTHETIC APPEARANCE AND OVERALL PLANT HEALTHINESS IS RETAINED. THIS INCLUDES INSPECTING AND REPLACING PLANTINGS AS NECESSARY,
- 7. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE
- 8. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR AT
- 9. THE CONSTRUCTION SITE SHALL BE SECURED IN A MANNER SO AS TO PREVENT INJURY OR PROPERTY DAMAGE TO THE RESIDENTS OF THE
- DIVISION WITHIN 60 DAYS OF CERTIFICATE OF OCCUPANCY. THE AS-BUILT SHALL BE SUBMITTED IN MYLAR AND ELECTRONIC ACAD FORMAT.

FOR REGISTRY USE ONLY

www.pfsland.com

be reproduced in any nanner without the express written permission from the engineer on record.

> JOB NO.: 20160-14 SHEET TITLE:

SITE AND TREE **PRESERVATION** SHEET NUMBER:

C-2

<u>COPYRIGHT NOTICE</u>

Fodera Engineering and is

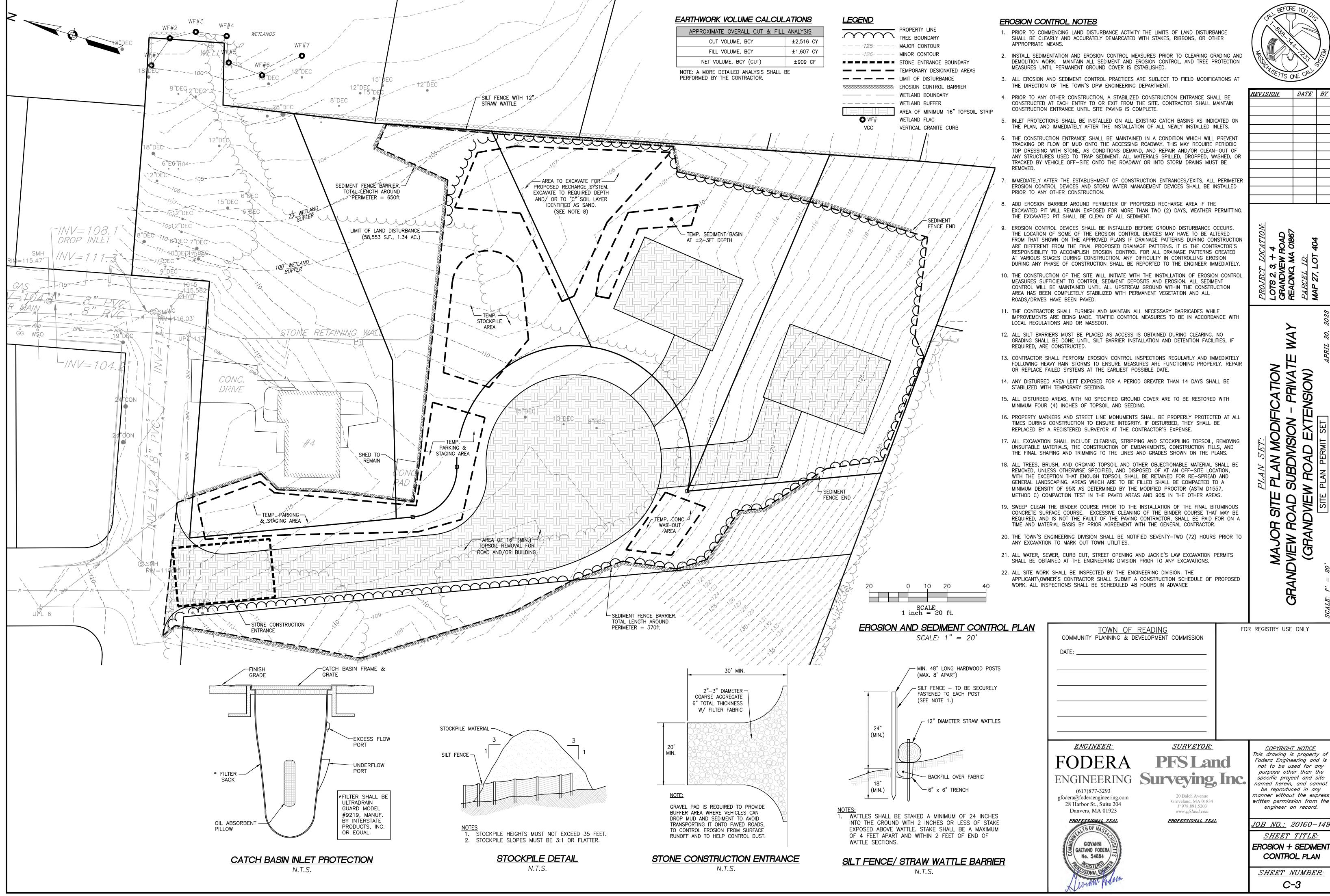
not to be used for any

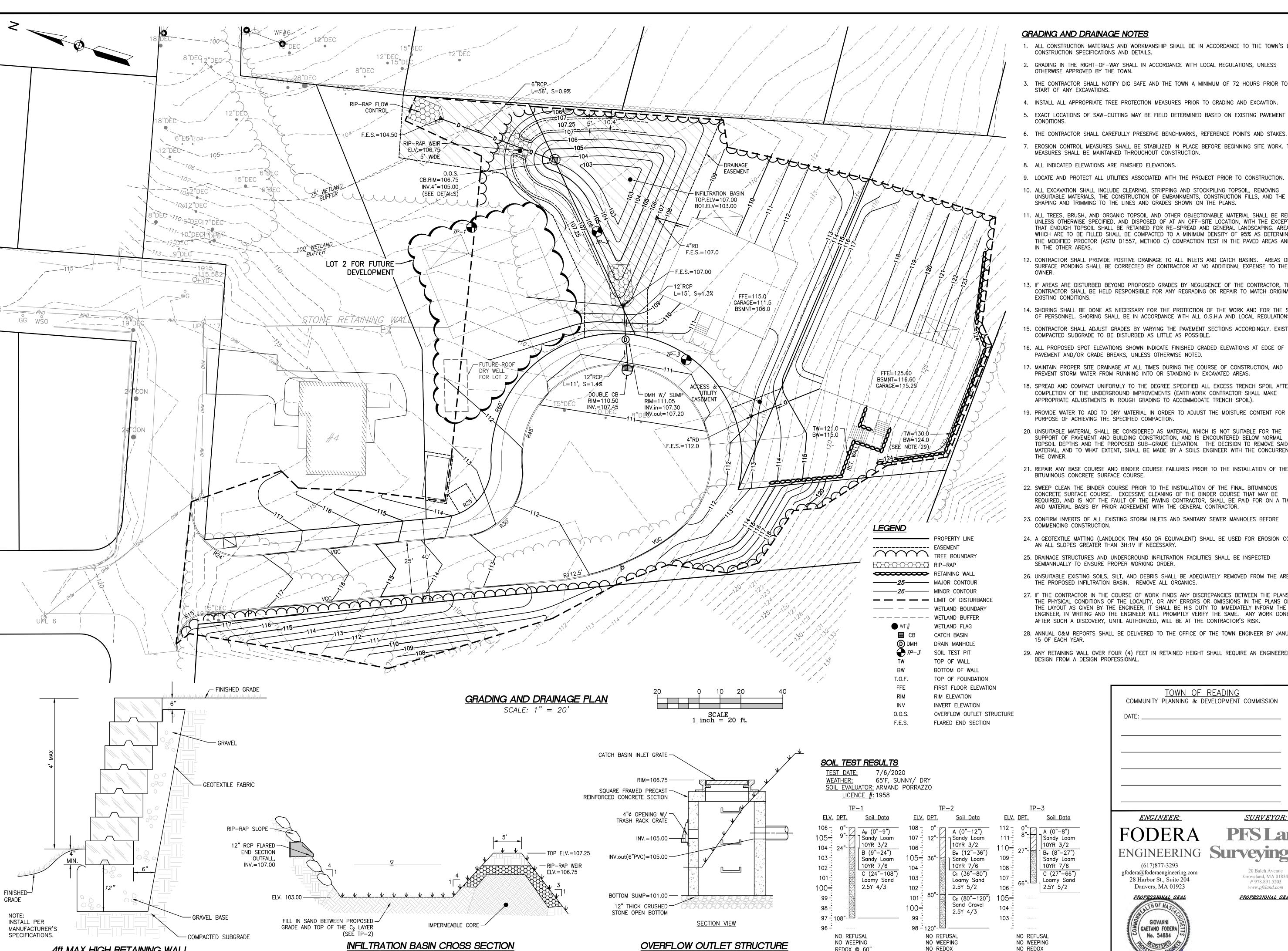
purpose other than the

specific project and site

named herein, and cannot

This drawing is property





N.T.S.

4ft MAX HIGH RETAINING WALL

N.T.S.

#### GRADING AND DRAINAGE NOTES

- 1. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE TOWN'S LATEST
- . GRADING IN THE RIGHT-OF-WAY SHALL IN ACCORDANCE WITH LOCAL REGULATIONS, UNLESS OTHERWISE APPROVED BY THE TOWN.
- 3. THE CONTRACTOR SHALL NOTIFY DIG SAFE AND THE TOWN A MINIMUM OF 72 HOURS PRIOR TO THE
- 4. INSTALL ALL APPROPRIATE TREE PROTECTION MEASURES PRIOR TO GRADING AND EXCAVTION.
- 5. EXACT LOCATIONS OF SAW-CUTTING MAY BE FIELD DETERMINED BASED ON EXISTING PAVEMENT
- EROSION CONTROL MEASURES SHALL BE STABILIZED IN PLACE BEFORE BEGINNING SITE WORK. THESE
- MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- 8. ALL INDICATED ELEVATIONS ARE FINISHED ELEVATIONS.
- 9. LOCATE AND PROTECT ALL UTILITIES ASSOCIATED WITH THE PROJECT PRIOR TO CONSTRUCTION.
- 10. ALL EXCAVATION SHALL INCLUDE CLEARING, STRIPPING AND STOCKPILING TOPSOIL, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKMENTS, CONSTRUCTION FILLS, AND THE FINAL SHAPING AND TRIMMING TO THE LINES AND GRADES SHOWN ON THE PLANS.
- 11. ALL TREES, BRUSH, AND ORGANIC TOPSOIL AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED, AND DISPOSED OF AT AN OFF-SITE LOCATION, WITH THE EXCEPTION THAT ENOUGH TOPSOIL SHALL BE RETAINED FOR RE-SPREAD AND GENERAL LANDSCAPING. AREAS WHICH ARE TO BE FILLED SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557, METHOD C) COMPACTION TEST IN THE PAVED AREAS AND 90%
- 12. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE TO ALL INLETS AND CATCH BASINS. AREAS OF SURFACE PONDING SHALL BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE
- 13. IF AREAS ARE DISTURBED BEYOND PROPOSED GRADES BY NEGLIGENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY REGRADING OR REPAIR TO MATCH ORIGINAL EXISTING CONDITIONS.
- 14. SHORING SHALL BE DONE AS NECESSARY FOR THE PROTECTION OF THE WORK AND FOR THE SAFETY OF PERSONNEL. SHORING SHALL BE IN ACCORDANCE WITH ALL O.S.H.A AND LOCAL REGULATIONS.
- 15. CONTRACTOR SHALL ADJUST GRADES BY VARYING THE PAVEMENT SECTIONS ACCORDINGLY. EXISTING COMPACTED SUBGRADE TO BE DISTURBED AS LITTLE AS POSSIBLE.
- 16. ALL PROPOSED SPOT ELEVATIONS SHOWN INDICATE FINISHED GRADED ELEVATIONS AT EDGE OF PAVEMENT AND/OR GRADE BREAKS, UNLESS OTHERWISE NOTED.
- 17. MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING THE COURSE OF CONSTRUCTION, AND PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
- 18. SPREAD AND COMPACT UNIFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH SPOIL AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS (EARTHWORK CONTRACTOR SHALL MAKE
- 19. PROVIDE WATER TO ADD TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.
- 20. UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION, AND IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUB-GRADE ELEVATION. THE DECISION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF
- 21. REPAIR ANY BASE COURSE AND BINDER COURSE FAILURES PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE.
- 22. SWEEP CLEAN THE BINDER COURSE PRIOR TO THE INSTALLATION OF THE FINAL BITUMINOUS CONCRETE SURFACE COURSE. EXCESSIVE CLEANING OF THE BINDER COURSE THAT MAY BE REQUIRED, AND IS NOT THE FAULT OF THE PAVING CONTRACTOR, SHALL BE PAID FOR ON A TIME AND MATERIAL BASIS BY PRIOR AGREEMENT WITH THE GENERAL CONTRACTOR.
- 23. CONFIRM INVERTS OF ALL EXISTING STORM INLETS AND SANITARY SEWER MANHOLES BEFORE
- 24. A GEOTEXTILE MATTING (LANDLOCK TRM 450 OR EQUIVALENT) SHALL BE USED FOR EROSION CONTROL AN ALL SLOPES GREATER THAN 3H:1V IF NECESSARY.
- 25. DRAINAGE STRUCTURES AND UNDERGROUND INFILTRATION FACILITIES SHALL BE INSPECTED SEMIANNUALLY TO ENSURE PROPER WORKING ORDER.
- 26. UNSUITABLE EXISTING SOILS, SILT, AND DEBRIS SHALL BE ADEQUATELY REMOVED FROM THE AREA OF THE PROPOSED INFILTRATION BASIN. REMOVE ALL ORGANICS.
- 27. IF THE CONTRACTOR IN THE COURSE OF WORK FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OF THE LOCALITY, OR ANY ERRORS OR OMISSIONS IN THE PLANS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER. IT SHALL BE HIS DUTY TO IMMEDIATELY INFORM THE ENGINEER, IN WRITING AND THE ENGINEER WILL PROMPTLY VERIFY THE SAME. ANY WORK DONE AFTER SUCH A DISCOVERY, UNTIL AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
- 28. ANNUAL O&M REPORTS SHALL BE DELIVERED TO THE OFFICE OF THE TOWN ENGINEER BY JANUARY
- 29. ANY RETAINING WALL OVER FOUR (4) FEET IN RETAINED HEIGHT SHALL REQUIRE AN ENGINEERED

1			
	<u>REVISION</u>	<u>DATE</u>	<u>BY</u>

PLA SUBL

FOR REGISTRY USE ONLY

TOWN OF READING COMMUNITY PLANNING & DEVELOPMENT COMMISSION

SURVEYOR:

ENGINEER: **FODERA** 

ENGINEERING Surveying, Inc

gfodera@foderaengineering.com 28 Harbor St., Suite 204

NO REDOX

REDOX @ 60"

ESHWT = 101.0

N.T.S.

NO REDOX

20 Balch Avenue Groveland, MA 01834 P 978.891.5203

www.pfsland.com PROFESSIONAL SEAL

nanner without the express written permission from the engineer on record. <u> JOB NO.:</u> 20160–14

SHEET TITLE: **GRADING AND** 

This drawing is property

Fodera Engineering and is

not to be used for any

purpose other than the

specific project and site

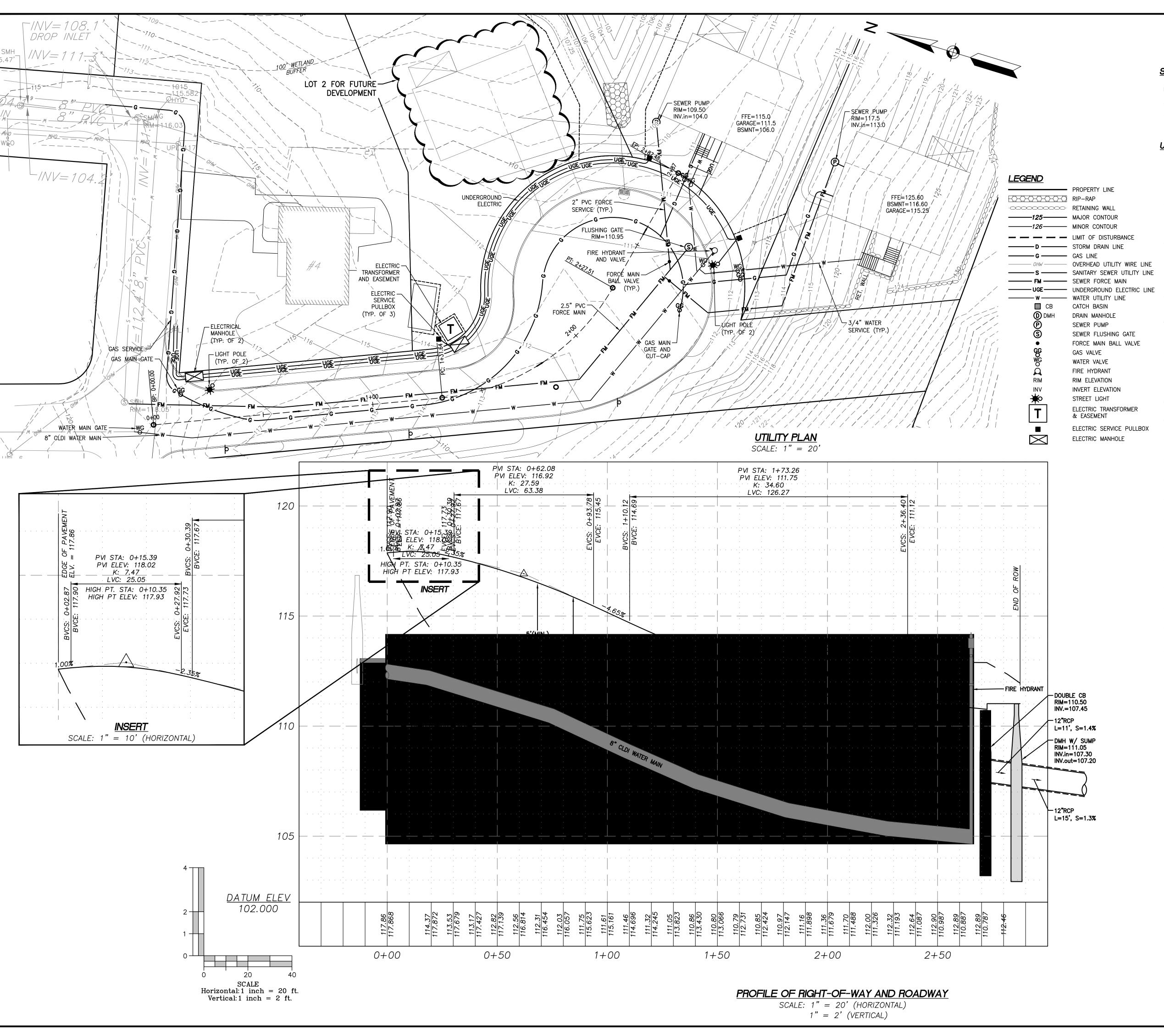
named herein, and cannot

be reproduced in any

DRAINAGE PLAN SHEET NUMBER:

C-4

Danvers, MA 01923 GIOVANNI GAETANO FODERA No. 54884



### SEWAGE CALCULATIONS

ASSUMPTIONS MADE FOR EACH PROPOSED HOUSE TO CONTAIN FOUR (4) BEDROOMS. CALCULATIONS BELOW ARE IN ACCORDANCE TO 310 CMR 15.00.

3 NEW HOUSES \* 4 BEDROOMS PER HOUSE = 12 BEDROOMS ADDED

12 BEDROOMS \* 110 GAL/DAY = 1,320 GAL/DAY OF ADDED SEWAGE

#### UTILITY NOTES

INSTALLED.

- 1. CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND ENSURE NO CONFLICTS EXIST WITH PROPOSED IMPROVEMENTS. NOTIFY ENGINEER IMMEDIATELY IF UTILITIES ARE LOCATED DIFFERENTLY THAN SHOWN. THE CONTRACTOR SHALL COORDINATE WITH EACH RESPECTIVE UTILITY COMPANY IN ORDER TO RELOCATE IF NEEDED IN CONFORMANCE WITH THEIR GUIDELINES.
- 2. CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO THE REMOVAL OF INDICATED UTILITIES ON SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS REQUIRED FOR DEMOLITION AND HAUL OFF FROM THE APPROPRIATE AUTHORITIES.
- 3. THE DEPARTMENT OF PUBLIC WORKS OR APPLICABLE GOVERNING DEPARTMENT MUST AUTHORIZE AND PERMIT TO CONSTRUCT, ALTER OR MODIFY A WATER OR SEWER LINE.
- AT THE COMPLETION OF THE WATER AND/OR SEWER CONSTRUCTION AND PRIOR TO RECORDING THE FINAL PLAT, THE CONTRACTOR WILL FURNISH THE WATER SYSTEM INSPECTOR RECORD DRAWINGS OF THE PROJECT.
- 5. BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE GAS COMPANY FOR THE CONSTRUCTION OF THE GAS LINE BETWEEN METER AND MAIN.
- 6. BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE POWER COMPANY FOR THE CONSTRUCTION OF ELECTRICAL CONDUIT TO PROVIDE SERVICE AND IF A TRANSFORMER IS REQUIRED TO BE
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING, PRIOR TO CONSTRUCTION, ALL EXISTING LOCATIONS AND INVERT ELEVATIONS OF SANITARY SEWERS, STORM DRAINAGE, AND WATER MAINS. IF ANY INVERT ELEVATION VARIES MORE THAN 0.1 FT. FROM RECORD ELEVATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. WORK SHALL NOT PROCEED UNTIL THE CONTRACTOR IS NOTIFIED BY THE ENGINEER.
- 8. CONNECT TO EXISTING UTILITIES AND INSTALL UTILITIES IN COMPLIANCE WITH REQUIREMENTS OF APPROPRIATE JURISDICTIONAL AGENCIES.
- 9. COORDINATE WITH BUILDING PLANS TO ASSURE ACCURACY OF UTILITY CONNECTIONS AND COMPLIANCE WITH LOCAL CODES.
- 10. ALL SEWERS TO BE MAINTAINED THROUGHOUT CONSTRUCTION, INCLUDING CLEANING OF ANY SILT OR DEBRIS ACCUMULATED IN STRUCTURES.
- 11. ALL SURPLUS EXCAVATED MATERIAL FROM THE TRENCH SHALL BE DISPOSED OFF THE SITE BY CONTRACTOR.
- 12. TRENCHING SHOULD BE CONDUCTED IN ACCORDANCE WITH ALL OSHA REGULATIONS.
- 13. COORDINATE EXACT TRENCHING, ROUTING, AND POINT OF TERMINATION WITH ALL UTILITY COMPANIES.
- 14. BACKFILL MATERIAL SHALL BE SUITABLE MATERIAL IN COMPLIANCE WITH THE TOWN OF DANVERS AND/OR THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (MASSDOT).
- 15. WATER MAIN SHALL HAVE A MINIMUM COVER OF FIVE (5) FEET.
- 16. THE SANITARY SEWER AND POTABLE WATER LINES ARE TO BE SEPARATED BY AT LEAST 10 FEET HORIZONTALLY, OR THE POTABLE WATER LINE SHALL BE AT LEAST 18 INCHES VERTICALLY ABOVE THE SANITARY SEWER.
- 17. CONTRACTOR TO RECONFIGURE PROPOSED ELECTRIC/TELEPHONE/CABLE CONDUITS AS NECESSARY TO AVOID CONFLICT WITH TREES/LANDSCAPING.
- 18. THRUST BLOCKS TO BE PLACED AT ALL BEND LOCATIONS WITHIN THE POTABLE WATER LINES. SEE DETAIL SHEETS.
- 19. ALL UTILITIES SHALL BE APPROVED MATERIALS AND INSTALLED IN ACCORDANCE WITH THE DEPARTMENT OF PUBLIC WORKS STANDARDS.
- 20. THE TOWN'S ENGINEERING DIVISION SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION TO MARK OUT TOWN UTILITIES.

## UTILITY AND ROADWAY PROFILE PLAN

SCALE: 1" = 20' (HORIZONTAL)

TOWN OF READING COMMUNITY PLANNING & DEVELOPMENT COMMISSION	FOR REGISTRY USE ONLY
DATE:	

ENGINEER:

FODERA PFS Land ENGINEERING Surveying, Inc.

(617)877-3293 gfodera@foderaengineering.com 28 Harbor St., Suite 204

Danvers, MA 01923

GIOVANNI

GAETANO FODERA

No. 54884

20 Balch Avenue Groveland, MA 01834 P 978.891.5203 www.pfsland.com

SURVEYOR:

PROFESSIONAL SEAL

<u>JOB NO.:</u> 20160–149 <u>SHEET TITLE:</u> UTILITY + ROADWAY

<u>COPYRIGHT NOTICE</u>
This drawing is property of
Fodera Engineering and is
not to be used for any

purpose other than the specific project and site named herein, and cannot

be reproduced in any

written permission from the

engineer on record.

nanner without the express

SHEET NUMBER:
C-5

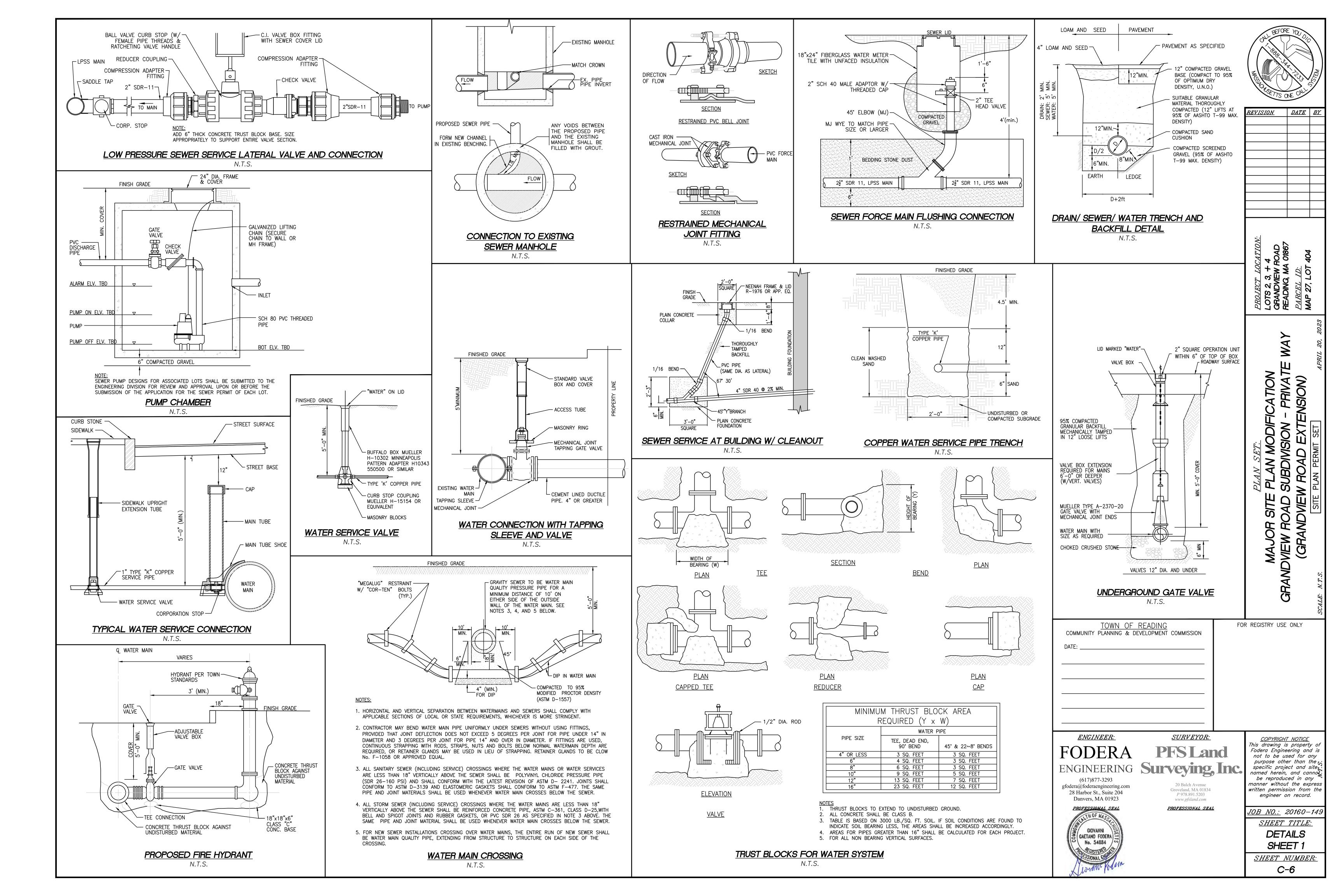
PROFILE PLAN

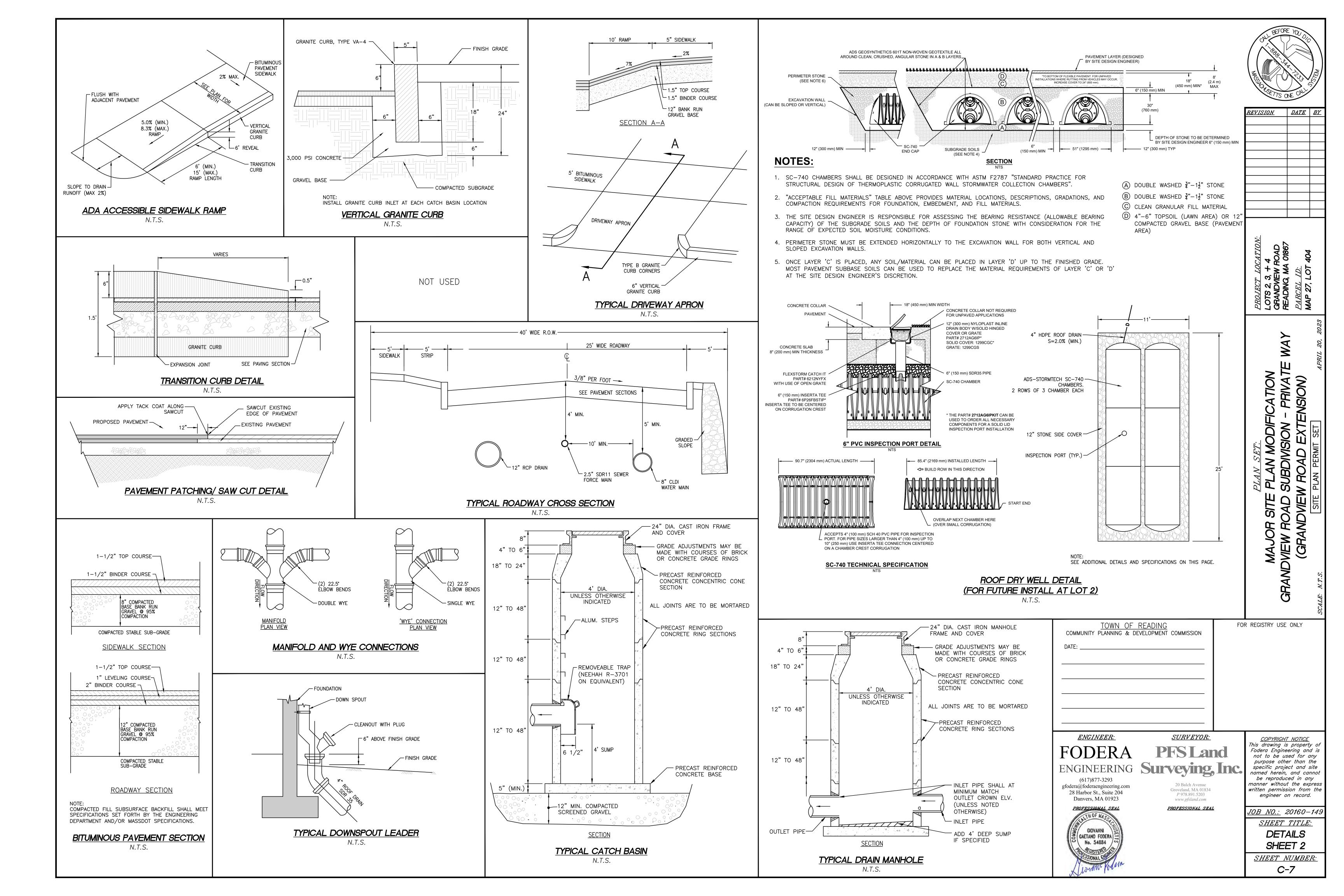
SUBE N RO,

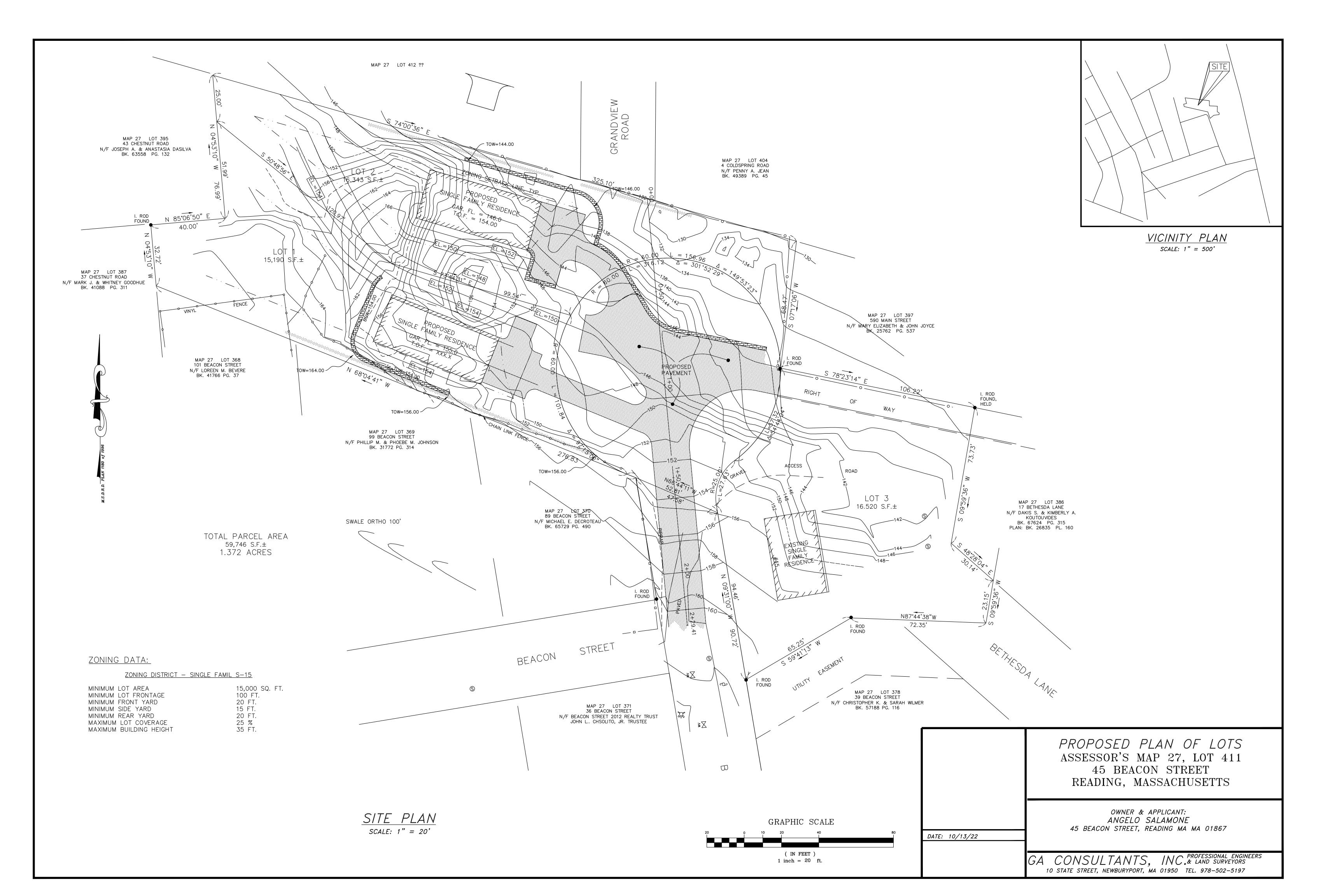
OR SITE ROAD

GRANDVIEW

DATE E







# **Town of Reading Engineering Division**

#### Memo

**To:** Andrew MacNichol, Community Development Director

From: Alex Rozycki, P.E., Senior Civil Engineer

**CC:** Ryan A. Percival, P.E., Town Engineer; Mary Benedetto, Senior Planner

**Date:** April 27, 2023

Re: Grandview Road Extension

#### Materials reviewed:

 Proposed Site Plans entitled; "Major Site Plan Modification- Grandview Road Subdivision prepared by Fodera Engineering dated April 20<sup>th</sup> 2023"

• Site Plan Set entitled "Penny Lane Subdivision – Grandview Road Extension – Private Way; prepared by Fodera Engineering; dated December 2nd 2020"

The Engineering Division has reviewed the proposed site application for the proposed project and offers the following comments:

- Previous plans for the southernmost home included roof drainage tied into the infiltration system, there are
  concerns that the adjacent property will now receive stormwater flows given the grades. The stormwater report
  indicates all impervious area will be captured, does that include hardscapes on the lots? The previous plan
  captured impervious areas on individual lots.
- The infiltration chamber design under the endorsed plans will allow for more land use in the backyard areas, the proposed detention pond design eliminates the use of land.
- Engineering sees no reason to support the waiver allowing less cover on utilities, there appears to be no benefit to support such a waiver.
- The Engineering Department does not approve of gas lines or electrical services, those shall be coordinated and approved by others.
- There are many instances of utilities crossing, we are particularly concerned with the crossing of water and sewer. Crossings should be limited, and invert elevations of the services may be requested to ensure proper separation.
- Inverts of the existing sewer manhole should be provided, as well as a detail for the force main connection.
- MaDEP regulations may not allow for discharge of water or overflow rip-rap within 10 feet of a property line.
- NPDES MS4 permit requirements shall be met for TSS removal and Phosphorous reduction. The supporting
  calculations should be provided and reviewed by Engineering. The project will also require a Storm Water
  Pollution Prevention Plan as well as an O&M plan for the proposed detention basin.
- A Sewer Connection I/I fee is required.
- The driveway curb cuts shall meet Town of Reading standard cross sections. The proposed elevations are unclear in these areas, all driveways will be approved individually.
- All utilities shall be approved materials and installed in accordance with the Department of Public Works Standards.
- Engineering Division shall be notified 72 hours in advance to mark out Town utilities.
- All water, sewer, curb cut, street opening and Jackie's Law excavation permits shall be obtained at the Engineering Division prior to any excavations.
- All site work shall be inspected by the Engineering Division. The Applicant/Owner's contractor shall submit a
  construction schedule of proposed work. All inspections shall be scheduled 48 hours in advance.
- An approved site as-built shall be submitted to the Engineering Division within 60 days of certificate of occupancy. The as-built shall be submitted in mylar and electronic ACAD format.

#### FODERA ENGINEERING

28 Harbor Street, Suite 204 Danvers, MA 01923 Tel: (617) 992-8492

contact@foderaengineering.com

March 10, 2023

To: Andrew MacNichol, Community Development Director
 Town of Reading
 Community Planning and Development Commission
 16 Lowell Street
 Reading, MA 01867

RE: GRANDVIEW ROAD SUBDIVISION SITE PLAN MODIFICATIONS 4 COLD SPRING ROAD READING, MA 01867

To Mr. MacNichol,

The project at 4 Cold Spring Road known as Grandview Road Subdivision was approved by the Community Planning and Development Commission (CPDC) and a Decision of Approval was issued and dated February 8, 2021. The approved plans were endorsed and recorded at the Middlesex South District Registry of Deeds (M.S.D.R.D.) as Plan 754 of 2022. A deed for the subdivision was recorded as Book 80930 Page 320.

The site has since been revisited and site design changes have been made. The following is a summary of the revisions.

- Lot 2 will remain undeveloped but with the potential to be developed in the future.
- Lot 1 will keep the existing on-site shed and an associated easement into Lot 2 has been created for the encroachment.
- Relocated electric easement on Lot 2.
- The stormwater subsurface infiltration system has been replaced with a detention/infiltration basin and revised the drainage easement accordingly.
- The roadway has been regraded to create a low point at the end of the cul-de-sac.
- The building footprints for Lots 3 and 4 have increased from 1,925 sq-ft to 2,200.
- Created a larger backyard for Lot 4.
- Associated stormwater runoff calculations have been revised and the stormwater report has been updated.

Proposed stormwater pipes have reduced to just two (2) pipes and are at the end of the roadway, directed into the proposed infiltration basin. Cover above the pipes are approximately 2.5 feet, which will require a waiver from Section 7.4.4.3.e of the Subdivision Rules and Regulations dated August 26, 2006. The waiver is to accept a 2.5' cover above the drain pipes, which is less than the required four (4) feet and three (3) in vehicular roadways and easements, respectively.

Please accept this submittal as formal request for review. Please do not hesitate to call or email me shall you have any questions, comments, or concerns.

Sincerely yours,

Giovanni Fodera, P.E. *Principal Engineer* 

**FODERA Engineering** 

#### Attachments:

- Major Site Plan Modification Grandview Road Subdivision, dated March 10, 2023.
- Stormwater Management Report, Major Site Plan Modification, dated March 10, 2023.
- M.S.D.R.D. Plan 754 of 2022
- M.S.D.R.D. Book 80930, Page 320.

Cc: Michael Salamone Frank Lanzillo

Bk: 80930 Pg: 320

Property Address: Lots 2, 3 and 4 and Grandview Road Extension, Reading, Massachusetts 01867





Bk: 80930 Pg: 320 Doc: DEED Page: 1 of 2 11/09/2022 03:01 PM

#### **Quitclaim Deed**

**PENNY A. JEAN**, a single woman, of 4 Cold Spring Road, Reading, Massachusetts, for nominal consideration of Ten dollars (\$10.00), grant to:

**GRANDVIEW, LLC**, a Massachusetts limited liability company, of 45 Beacon Street, Reading, Massachusetts

#### With **QUITCLAIM COVENANTS**

The land in Reading, Middlesex County, Massachusetts identified as Lots 2, 3 and 4, together with the fee in the land shown as "Grandview Road", as shown on a Subdivision Plan entitled "Grandview Road Subdivision – Private Way, Grand View Road Extension" prepared by Fodera Engineering, 28 Harbor Street, Suite 204, Danvers, MA 010923, dated December 3, 2020, revised through July 12, 2021, and which Plan is recorded herewith. Said land is conveyed subject to and with the benefit of all easements, agreement, covenants, and provisions of record. No right, title or interest is conveyed in, to or over the property shown as Lot 1 on said Plan, which is retained by the Grantor.

Grantor hereby releases and terminates any and all claims of homestead in the premises conveyed hereby, and further hereby state that no other person is entitled to claim the benefit of an existing state of homestead in the premises conveyed hereby.

Meaning and intending to convey a portion of the land conveyed to the Grantor by deed dated May 2, 2007, and recorded in the Middlesex County Registry of Deeds at Book 49389, Page 45.

Bk: 80930 Pg: 321

Executed as a sealed instrument this  $25^{-4}$  day of <u>OCTOBER</u> 2022.

Penny A. Jean

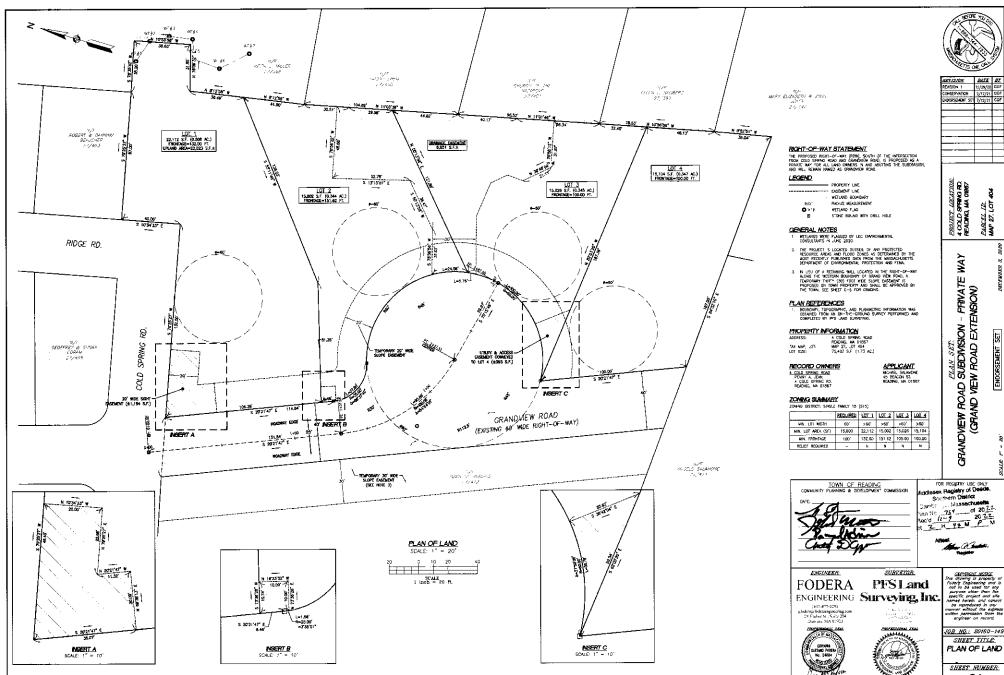
Commonwealth of Massachusetts

Middlesex, ss.

On 25 " day of October, 2022, before me, the undersigned notary public, personally appeared Penny A Jean, the above-named and proved to me through satisfactory evidence of identification being PERSONAL KNOWEDGE, to be the persons whose names are signed on this document, and acknowledged to me that she signed it voluntarily for its stated purpose and that the foregoing instrument is her free act and deed.

Notary Public: 80SHUA E. LATITAN My Commission Expires: 5/10/24

SEPAND 754 \$2022



C-1

<u> 754</u> 2022

#### Memorandum

May 10, 2023

To: Andrew MacNichol, Community Development Director Town of Reading Community Planning and Development Commission 16 Lowell Street Reading, MA 01867

RE: Grandview Road Subdivision

The Conservation Commission reviewed the March 10<sup>th</sup> 2023 memo by Fodera Engineering regarding site design changes. Although, the Conservation Commission supports stormwater infiltration systems. This change would require the applicant to return to the conservation commission for review and approval.

• The stormwater subsurface infiltration system has been replaced with a detention/infiltration basin

Sincerely,

Chuck Tirone

Conservation Administrator

#### FODERA ENGINEERING

28 Harbor Street, Suite 204 Danvers, MA 01923 Tel: (617) 992-8492

contact@foderaengineering.com

June 7, 2023

<u>To:</u> Mary Benedetto, Senior Planner

Town of Reading

Community Planning and Development Commission

16 Lowell Street Reading, MA 01867

RE: GRANDVIEW ROAD SUBDIVISION

EXTENSION REQUEST 4 COLD SPRING ROAD READING, MA 01867

To Ms. Benedetto,

The project at 4 Cold Spring Road known as Grandview Road Subdivision is a four-lot residential subdivision. The existing lot identified as parcel ID: 27-404 has an existing dwelling structure on site. The project is to divide the land to create three (3) new single-family lots, and the existing dwelling will remain. The project was approved in 2021 and the approved plans were endorsed by the Community Planning and Development Commission (CPDC) on 7/12/2021.

Per Section 9.4.1 of the local Subdivision Regulations, the time limit for completion is two years from endorsement or date in surety, whichever is sooner. In this case, the endorsement date would control and therefore the time limit would end on 7/12/2023.

We are requesting a one-year extension for the Time Limit for Completion. Work did not commence for the project due to fine tuning agreements between the landowner and applicant. The landowner decided to retain the newly created parcel (Lot 2) behind her existing dwelling lot. The new agreement between the applicant and landowner had to be created and took time to finalize between both parties. Additionally, delays from COVID-19 further slowed the process. We ask that this letter be a formal request for extension.

Sincerely yours,

Giovanni Fodera, P.E.

Principal Engineer

**FODERA Engineering**