

LOCUS MAP
SCALE: 1"=1000'

PREPARED BY:



OWNER:

Brant L. Viner & Margaret Harling
P.O. Box 295
Ellsworth, ME 04605

PREPARED FOR:

Brant L. Viner & Margaret Harling
P.O. Box 295
Ellsworth, ME 04605

SITE PLANS FOR COMMON DRIVE SPECIAL PERMIT

Pursuant to the Town of Northborough Municipal Zoning Code Section 10-36-130

FOR

Brant L. Viner & Margaret Harling

85 & 95 West Street

IN

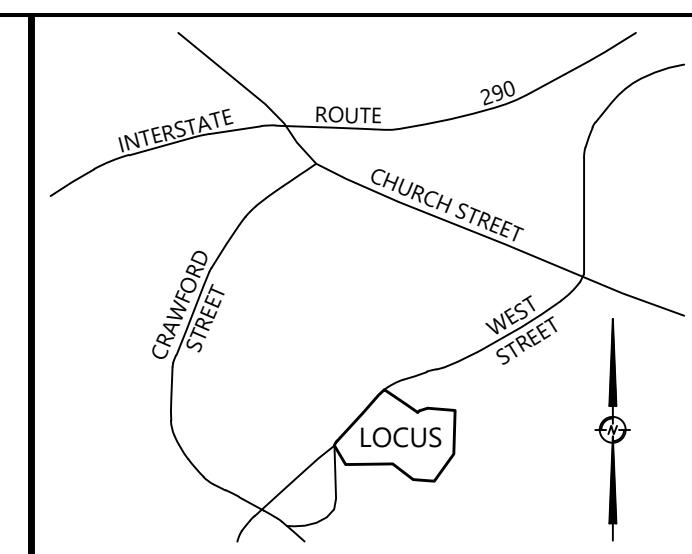
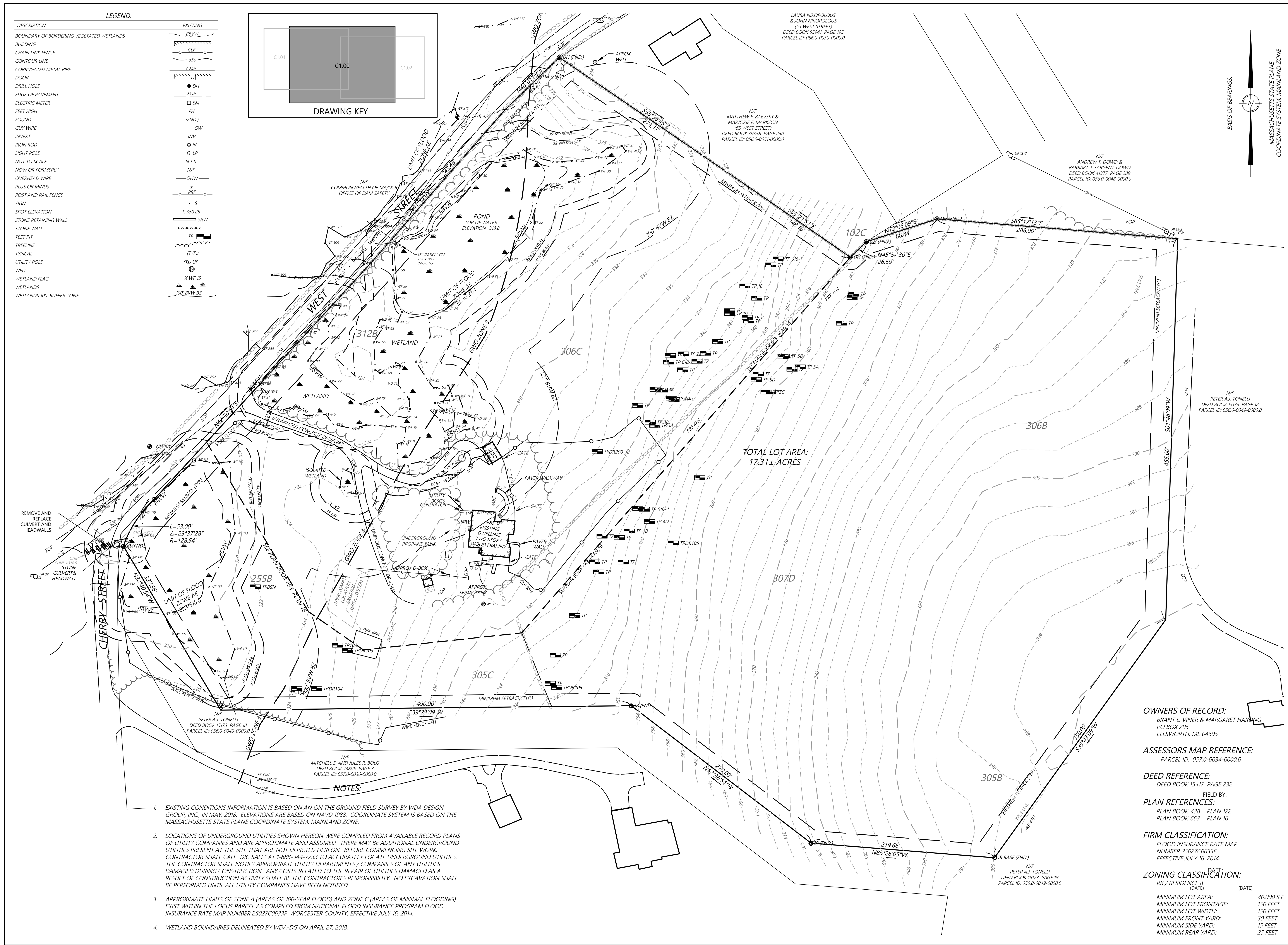
Northborough, Massachusetts (Worcester County)

DATE: 11/20/20

Revision Date: 5/3/2021

Sheet List Table

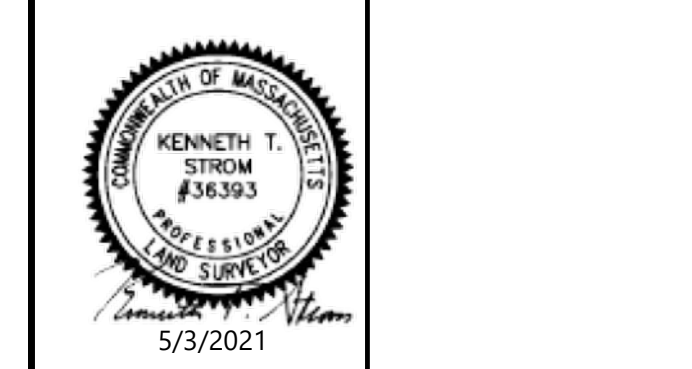
Sheet Number	Sheet Title
EXISTING CONDITIONS AND DEMOLITION PLAN	
C0.01	EXISTING CONDITIONS
C1.01	DEMOLITION PLAN
C1.02	DEMOLITION PLAN
SITE PLANS	
C2.00	SITE PLAN
C2.01	SITE PLAN
C2.02	SITE PLAN
GRADING & DRAINAGE PLAN	
C3.00	GRADING, DRAINAGE, & UTILITY PLAN
C3.01	GRADING, DRAINAGE, & UTILITY PLAN
C3.02	GRADING, DRAINAGE, & UTILITY PLAN
C4.00	COMMON DRIVEWAY PROFILE
EROSION & SEDIMENT CONTROL PLANS	
C5.00	EROSION CONTROL PLAN - PHASE 1
C5.01	EROSION CONTROL PLAN - PHASE 2
C5.02	EROSION CONTROL PLAN - PHASE 3
CONSTRUCTION DETAILS	
C6.00	CONSTRUCTION DETAILS
C6.01	CONSTRUCTION DETAILS
C6.02	CONSTRUCTION DETAILS
C6.03	CONSTRUCTION DETAILS
C6.04	CONSTRUCTION DETAILS
C6.05	CONSTRUCTION DETAILS
C6.06	CONSTRUCTION DETAILS
C6.07	CONSTRUCTION DETAILS



LOCUS MAP (NOT TO SCALE)

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REV.	DATE	DESCRIPTION	INIT.
B	5/3/2021	COVENANT REMOVAL	KTS
A		INITIAL ISSUE	KTS



PREPARED BY:

31 EAST MAIN STREET WESTBOROUGH, MA 01581
508.366.6552
WDA-DG.COM

OWNER:
Brant L. Viner & Margaret Harling
P.O. Box 295
Ellsworth, ME 04605

PREPARED FOR:
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TITLE:
EXISTING CONDITIONS

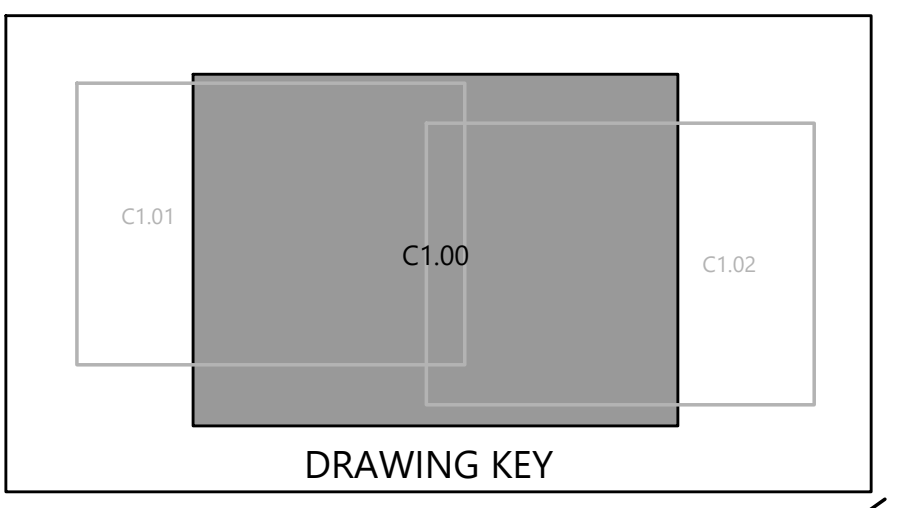
85 & 98 COMMON DRIVEWAY
85 & 95 West Street
Northborough, MA 01532 (Worcester County)

NOTICE OF INTENT

JOB NO.:	1207.03	DATE:	11/20/20
DWN. BY:	JRZ	SHEET:	
CHK'D. BY:	SPC		C0.01

LEGEND:

DESCRIPTION	EXISTING
BOUNDARY OF BORDERING VEGETATED WETLANDS	BBVW
BUILDING	CLF
CHAIN LINK FENCE	350
CONTOUR LINE	CMP
CORRUGATED METAL PIPE	DH
DOOR	EM
DRILL HOLE	FH
EDGE OF PAVEMENT	FND.
ELECTRIC METER	GW
FEET HIGH	INV.
FOUND	IR
GUY WIRE	LP
INVERT	N.T.S.
IRON ROD	N/F
LIGHT POLE	OHW
NOT TO SCALE	PRF
NOW OR FORMERLY	S
OVERHEAD WIRE	X 350.25
PLUS OR MINUS	SRW
POST AND RAIL FENCE	TP
SIGN	(TYP)
SPOT ELEVATION	UP
STONE RETAINING WALL	W
STONE WALL	X WF 15
TEST PIT	100' BWV BZ
TREELINE	
TYPICAL	
UTILITY POLE	
WELL	
WETLAND FLAG	
WETLANDS	
WETLANDS 100' BUFFER ZONE	



TOTAL LOT AREA:
17.31± ACRES

- NOTES:**
- EXISTING CONDITIONS INFORMATION IS BASED ON AN ON THE GROUND FIELD SURVEY BY WDA DESIGN GROUP, INC. IN MAY, 2018. ELEVATIONS ARE BASED ON NAVD 1988. COORDINATE SYSTEM IS BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM, MAINLAND ZONE.
 - LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND ARE APPROXIMATE AND ASSUMED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES PRESENT AT THE SITE THAT ARE NOT DEPICTED HEREON. BEFORE COMMENCING SITE WORK, CONTRACTOR SHALL CALL "DIG SAFE" AT 1-888-344-7233 TO ACCURATELY LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY APPROPRIATE UTILITY DEPARTMENTS / COMPANIES OF ANY UTILITIES DAMAGED DURING CONSTRUCTION. ANY COSTS RELATED TO THE REPAIR OF UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE PERFORMED UNTIL ALL UTILITY COMPANIES HAVE BEEN NOTIFIED.
 - APPROXIMATE LIMITS OF ZONE A (AREAS OF 100-YEAR FLOOD) AND ZONE C (AREAS OF MINIMAL FLOODING) EXIST WITHIN THE LOCUS PARCEL AS COMPILED FROM NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBER 25027C0633F, WORCESTER COUNTY, EFFECTIVE JULY 16, 2014.
 - WETLAND BOUNDARIES DELINEATED BY WDA-DG ON APRIL 27, 2018.

OWNERS OF RECORD:
BRANT L. VINER & MARGARET HARLING
PO BOX 295
ELLSWORTH, ME 04605

ASSESSORS MAP REFERENCE:
PARCEL ID: 057.0-0034-0000.0

DEED REFERENCE:
DEED BOOK 15417 PAGE 232

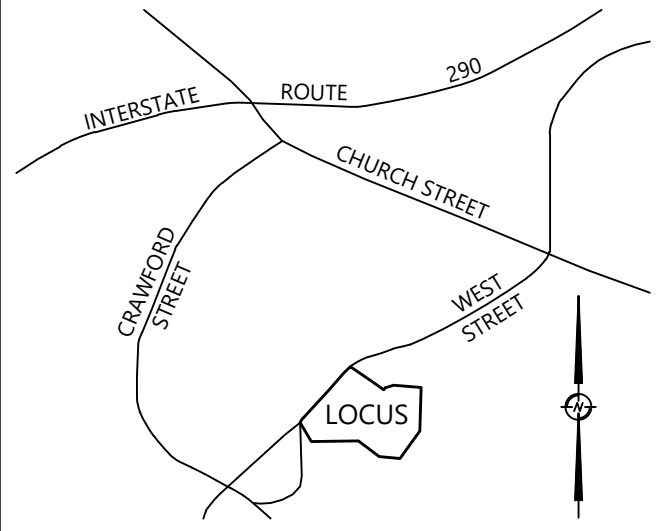
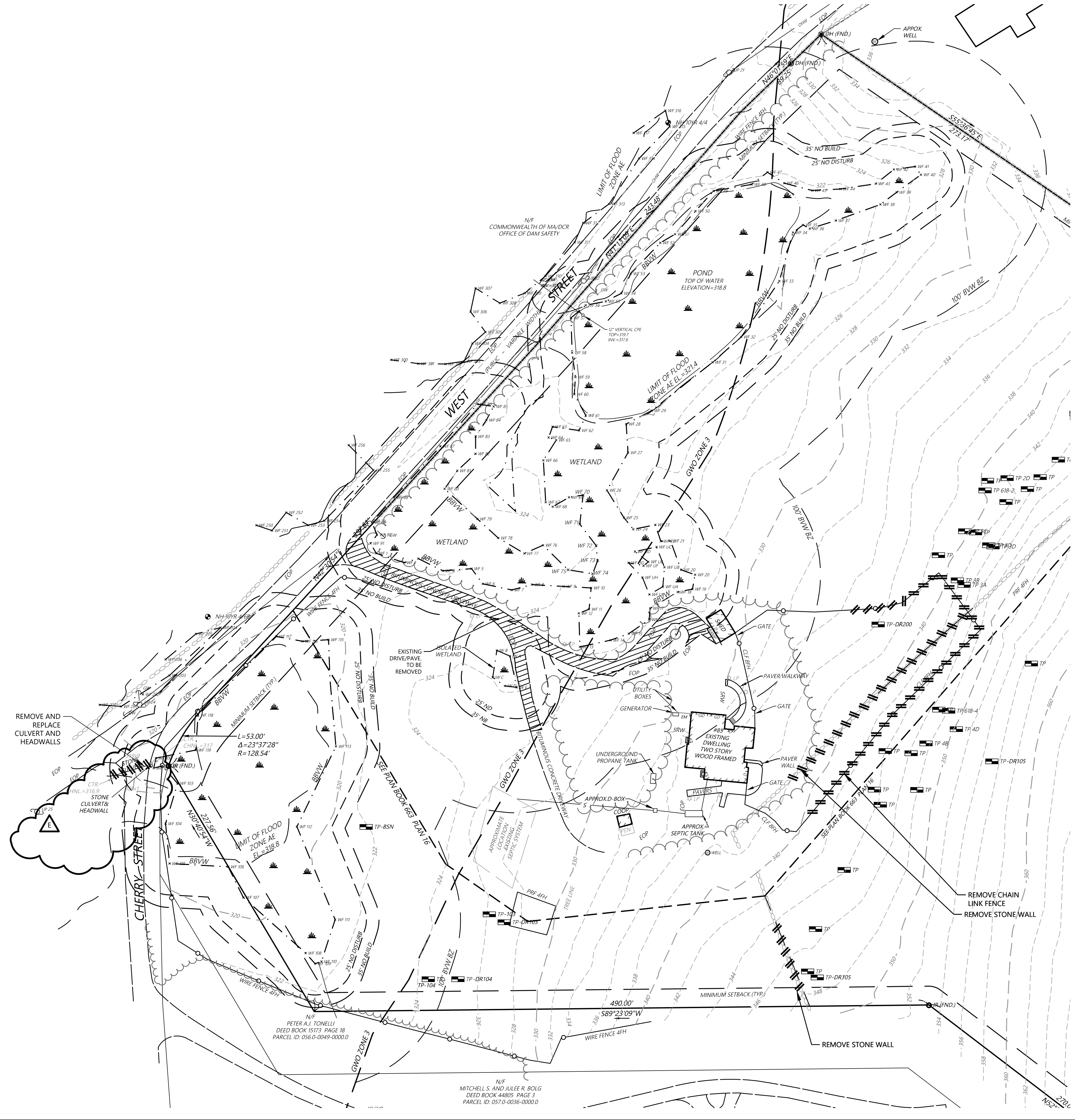
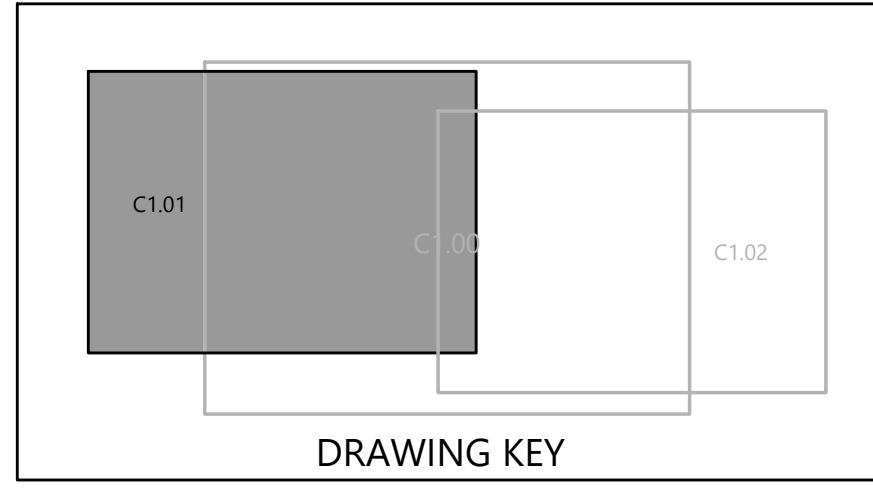
PLAN REFERENCES:
FIELD BY:
PLAN BOOK 438 PLAN 122
PLAN BOOK 663 PLAN 16

FIRM CLASSIFICATION:
FLOOD INSURANCE RATE MAP
NUMBER 25027C0633F
EFFECTIVE JULY 16, 2014

ZONING CLASSIFICATION:
DATE: (DATE) (DATE)
RB / RESIDENCE B

MINIMUM LOT AREA: 40,000 S.F.
MINIMUM LOT FRONTAGE: 150 FEET
MINIMUM LOT WIDTH: 150 FEET
MINIMUM FRONT YARD: 30 FEET
MINIMUM SIDE YARD: 15 FEET
MINIMUM REAR YARD: 25 FEET

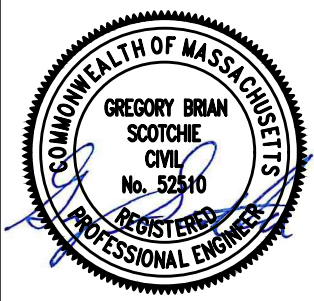
BASIS OF BEARINGS:
 MASSACHUSETTS STATE PLANE
 COORDINATE SYSTEM, MAINLAND ZONE



LOCUS MAP
N.T.S.

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5/3/2021

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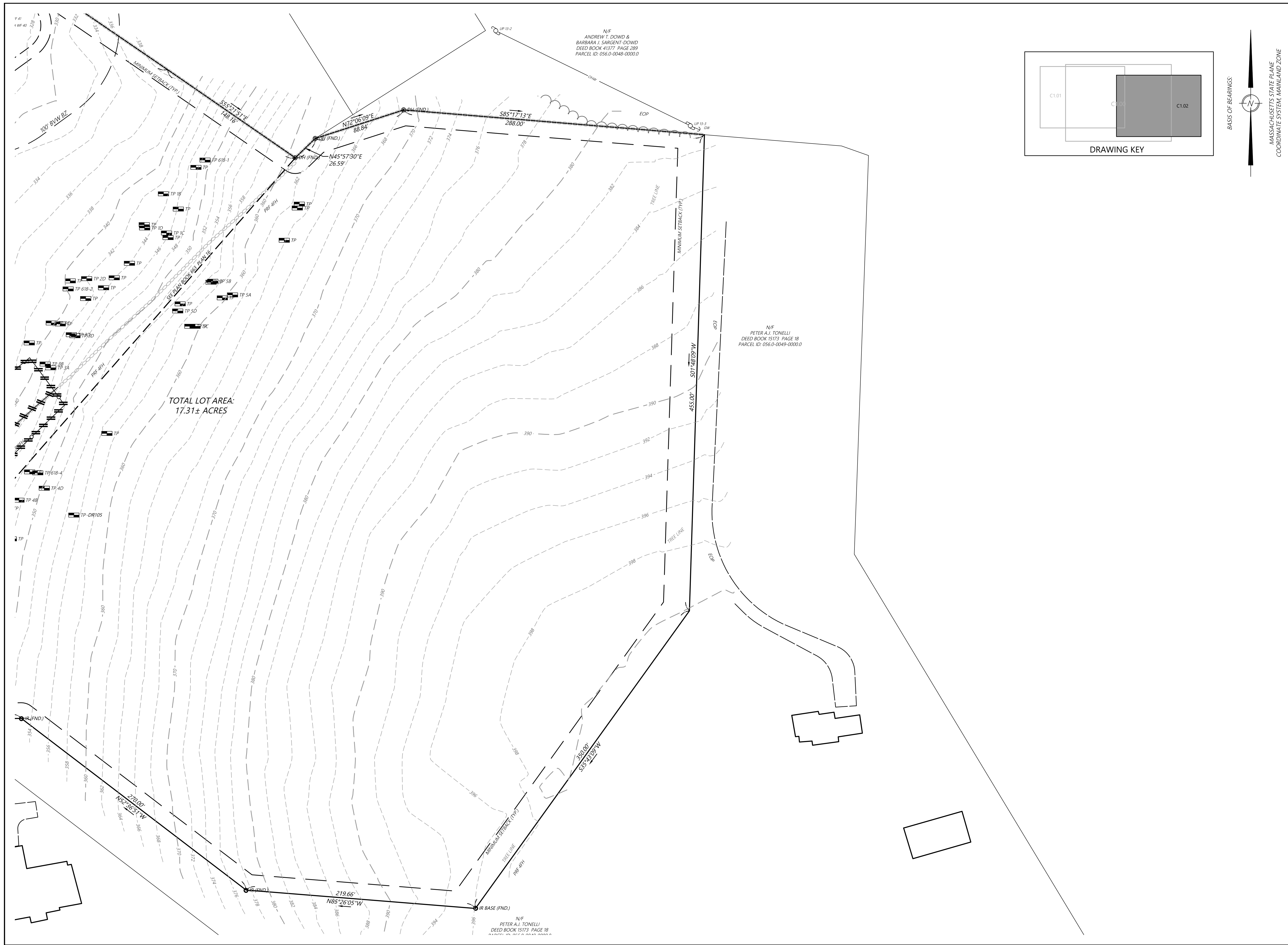
TITLE:
DEMOLITION PLAN

85 & 98 COMMON DRIVEWAY
 85 & 95 West Street
 Northborough, MA 01532
 (Worcester County)

NOTICE OF INTENT



JOB NO.:	1207.03	DATE:	11/20/20
DWN. BY:	JRZ	SHEET:	
CHK'D. BY:	SPC		C1.01

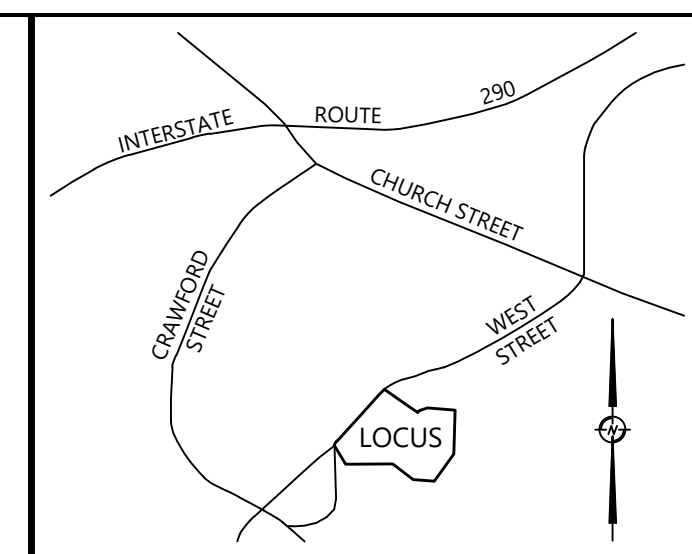
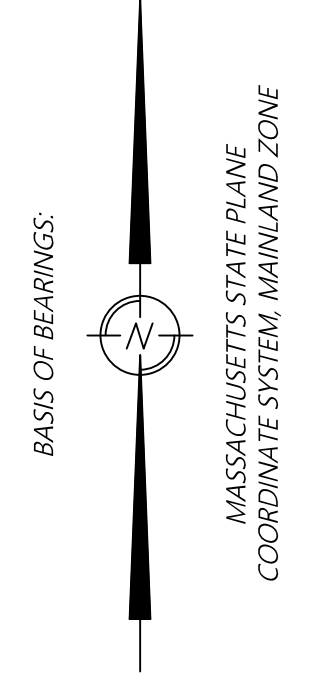
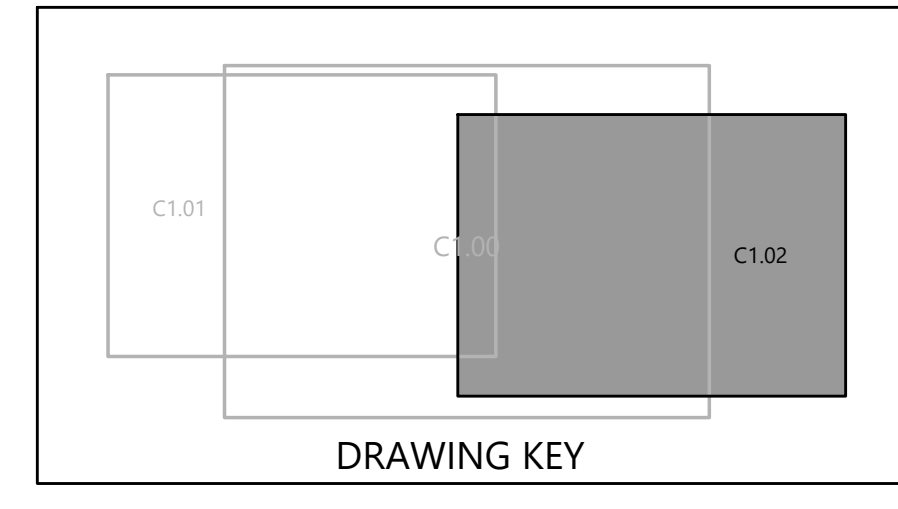


TOTAL LOT AREA:
17.31± ACRES

N/F
ANDREW T. DOWD &
BARBARA J. SARGENT-DOWD
DEED BOOK 41377 PAGE 289
PARCEL ID. 056.0-0048-0000.0

N/F
PETER A.J. TONELLI
DEED BOOK 15173 PAGE 18
PARCEL ID. 056.0-0049-0000.0

N/F
PETER A.J. TONELLI
DEED BOOK 15173 PAGE 18
PARCEL ID. 056.0-0049-0000.0



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5/3/2021

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31 EAST MAIN STREET WESTBOROUGH, MA
508.366.6552
WDA-DG.COM

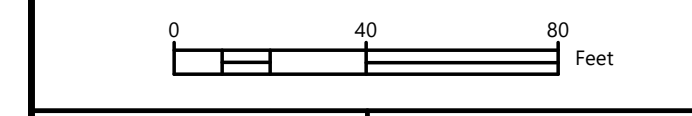
OWNER:
Brant L. Viner & Margaret Harling
P.O. Box 295
Ellsworth, ME 04605

PREPARED FOR:
Brant L. Viner & Margaret Harling
P.O. Box 295
Ellsworth, ME 04605

TITLE:
DEMOLITION PLAN

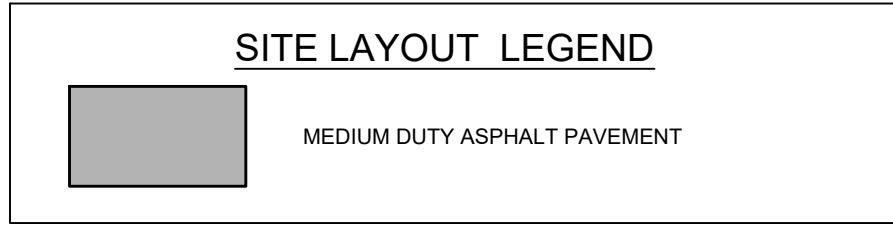
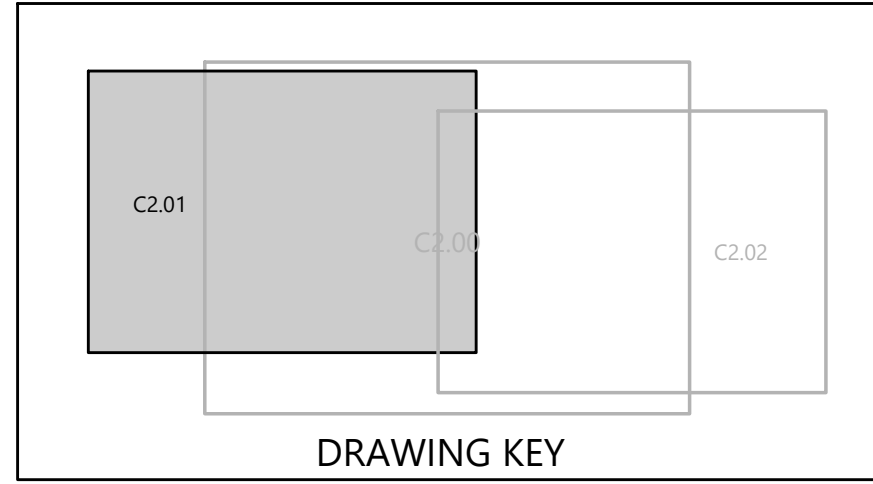
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85 & 95 West Street
Northborough, MA 01532
(Worcester County)

NOTICE OF INTENT



JOB NO.:	1207.03	DATE:	11/20/20
DWN. BY:	JRZ	SHEET:	
CHK'D. BY:	SPC		C1.02

MASSACHUSETTS STATE PLANE
COORDINATE SYSTEM, MAINLAND ZONE

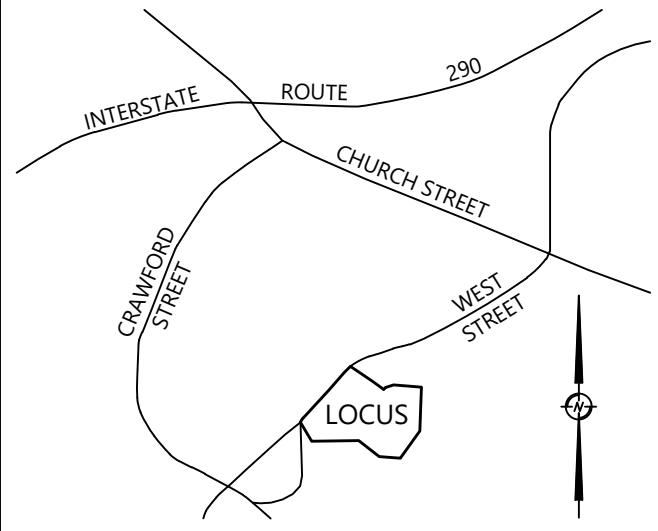
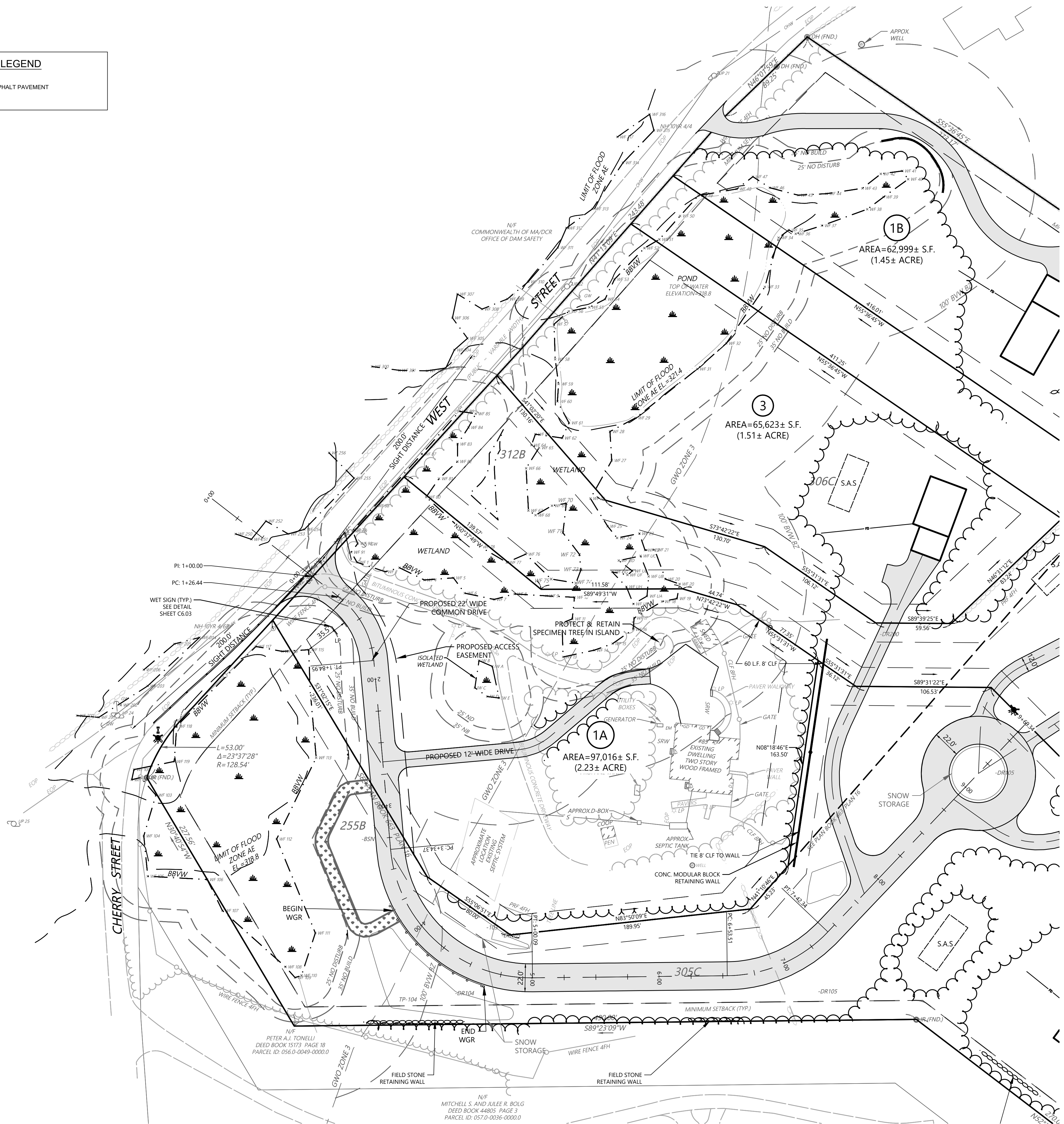


GENERAL NOTES

- Description: 85 & 95 West Street have 6.6 and 10.7 acres respectively for a total of 17.3 acres. The proposed development, disturbing ± 242,552 SF (5.5682 AC.), is bordered on the north by West Street. The project deed and plan book references are Deed Book 15417 Page 232 Plan Book 438 Plan 122; Plan Book 663 Plan 16, Town of Northborough, Worcester County, Massachusetts. Proposed construction will include demolition of existing pavement and construction of 3 single residential units with associated drives, utilities, and stormwater management system.
- Name and phone number of the 24-hour local contact person responsible for erosion control emergencies:
Name: T.B.D.
Phone: T.B.D.
- Site location:
85 & 95 West Street
Northborough, MA 01532
Project is located in Plan Book 438 Plan 122; Plan Book 663 Plan 16, Town of Northborough, Worcester County, Massachusetts.
Zoning information: RB/RESIDENCE B
Site area: 4753,588 SF
Disturbed area: 242,552 SF (5.5682 AC.)
- This site is within the limits of a 1 or 0.2% annual chance flood hazard area as per F.I.R.M. for Worcester County, Massachusetts, Community panel NO. 25027C0633F EFFECTIVE JULY 16, 2014.
- Soil information:
Chattfield-hollis-rock outcrop complex, 0 to 15 percent slopes (102c)
Windsor loamy sand, 3 to 8 percent slopes (255b)
Paxton fine sandy loam, 3 to 8 percent slopes (305c)
Paxton fine sandy loam, 8 to 15 percent slopes (305c)
Paxton fine sandy loam, 0 to 8 percent slopes, very stony (306c)
Paxton fine sandy loam, 15 to 25 percent slopes, extremely stony (307d)
Woodbridge fine sandy loam, 0 to 8 percent slopes, extremely stony (312b)

SITE NOTES

- INSTALL JOINTS WHERE SHOWN. ALIGN ON WALLS, BUILDINGS, RADII, ETC. EVENLY SPACE BETWEEN ELEMENTS AS SHOWN. PROVIDE EXPANSION JOINTS BETWEEN CONCRETE PAVEMENT AND VERTICAL ELEMENTS (WALLS, CURBS, ETC.).
- LAYOUT ALL CURVES SMOOTHLY WITH NO ABRUPT CHANGES AT TANGENT POINTS.
- ALL RADIUS DIMENSIONED TO 10' UNLESS OTHERWISE NOTED.
- CONTRACTOR TO TAKE ALL PRECAUTIONS TO FIND AND AVOID SITE UTILITIES. ALL UTILITIES MAY NOT BE SHOWN ON DRAWINGS.
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- ALL CONSTRUCTION AND MATERIALS SHALL COMPLY WITH MASSDOT'S STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEMS.
- CONTRACTOR SHALL NOTIFY WDA DESIGN GROUP WITHIN 24 HOURS OF ANY LAYOUT DISCREPANCY PRIOR TO PROCEEDING WITH WORK. ALL ADDITIONAL COSTS, INCLUDING BUT NOT LIMITED TO REMEDIAL CONSTRUCTION, ADDITIONAL SITE VISITS, OR ENGINEERING SERVICES AND FEES, ETC. INCURRED DUE TO FAILURE TO FOLLOW THIS PROCEDURE WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.



LOCUS MAP
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C	2/24/2021	PLANNING BOARD COMMENTS	GBS
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5/3/2021

PREPARED BY:

31 EAST MAIN STREET WESTBOROUGH, MA
508.366.6552
WDA-DG.COM

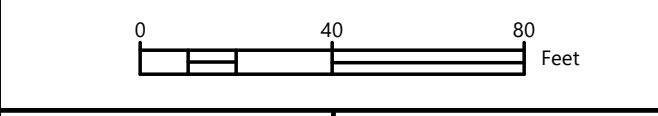
OWNER:
Brant L. Viner & Margaret Harling
P.O. Box 295
Ellsworth, ME 04605

PREPARED FOR:
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Ellsworth, ME 04605

TITLE:
SITE PLAN

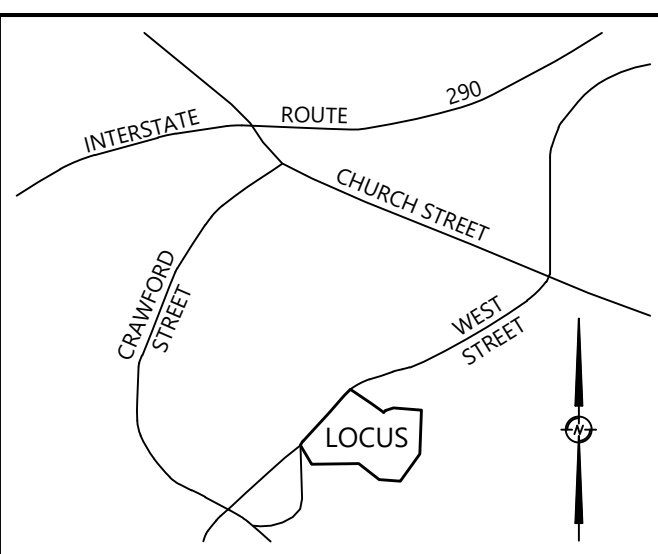
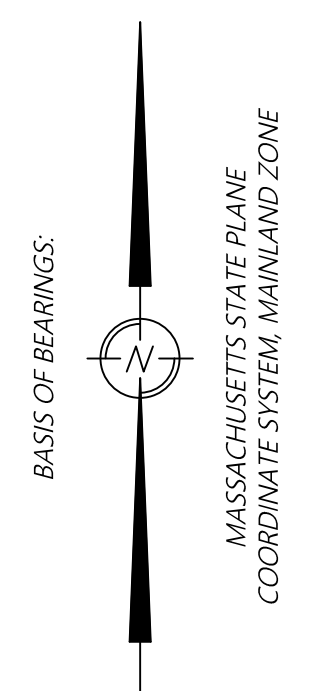
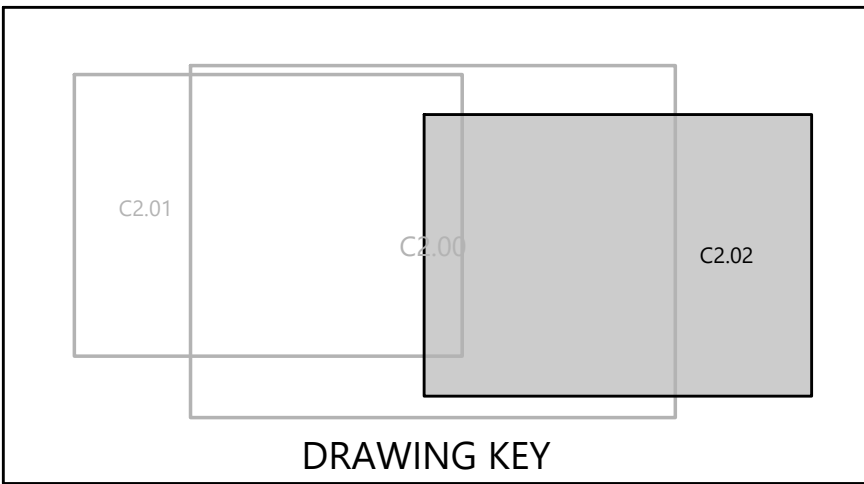
85 & 98 COMMON DRIVEWAY
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NOTICE OF INTENT



JOB NO.:	1207.03	DATE:	11/20/20
DWN. BY:	GBS	SHEET:	
CHK'D. BY:	BPW/JRW		

C2.01

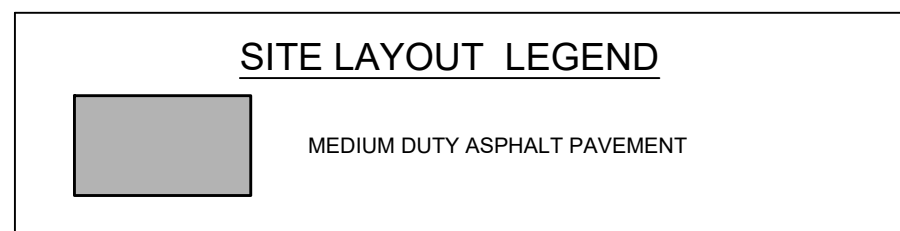


GENERAL NOTES

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5/3/2021



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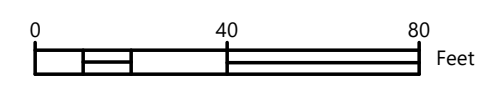
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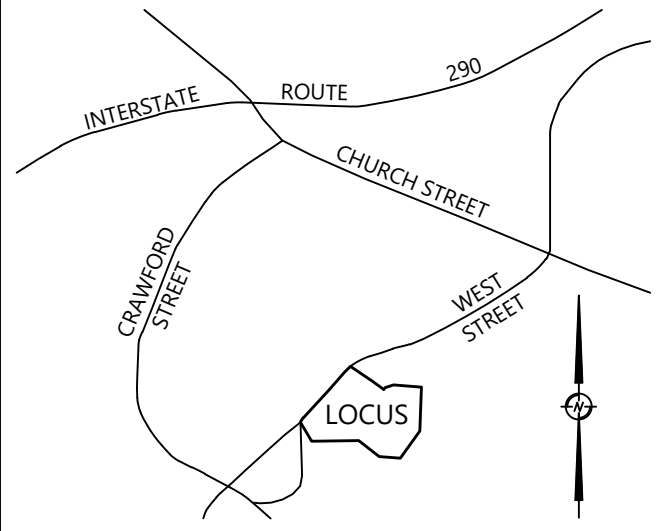
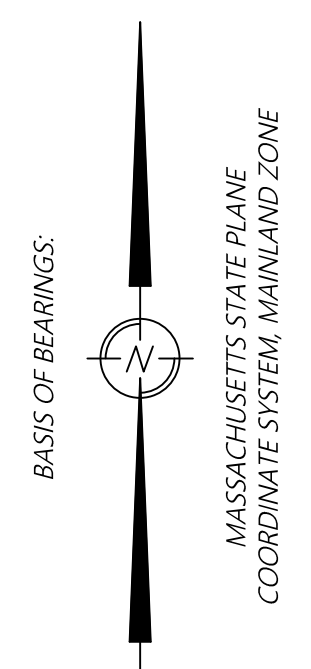
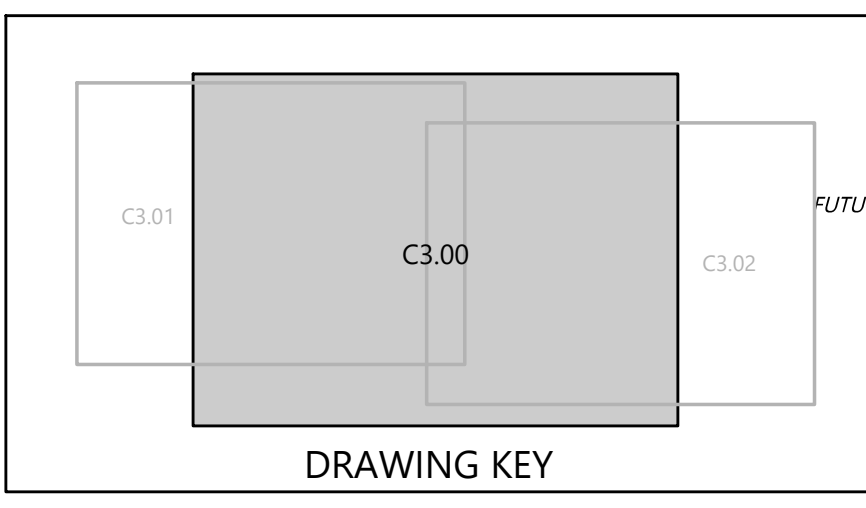
TITLE:
SITE PLAN

85 & 98 COMMON DRIVEWAY
85 & 95 West Street
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DWN. BY:	GBS	SHEET:	
CHK'D. BY:	BPW/JRW		C2.02



LOCUS MAP
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REV.	DATE	DESCRIPTION	INIT.
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A		INITIAL ISSUE	GBS

5/3/2021

PREPARED BY:

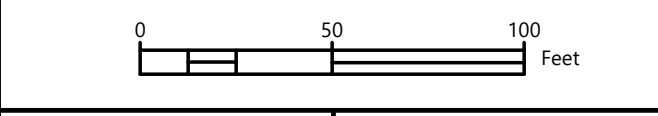
31 EAST MAIN STREET WESTBOROUGH, MA
508.366.6552
WDA-DG.COM

OWNER:
Brant L. Viner & Margaret Harling
 P.O. Box 295
 Ellsworth, ME 04605

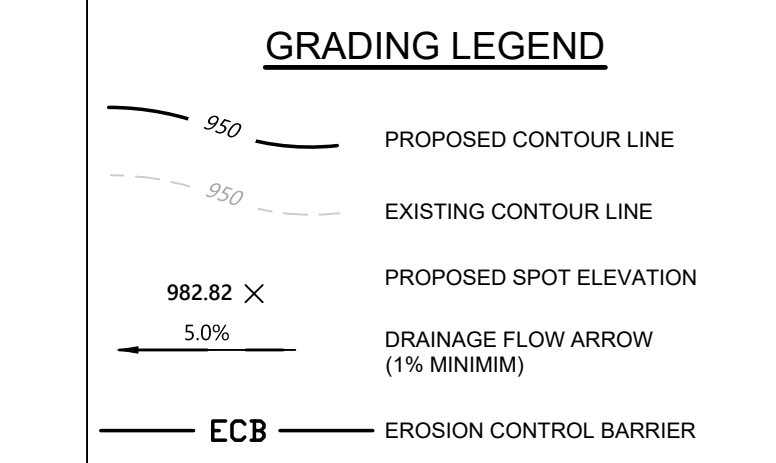
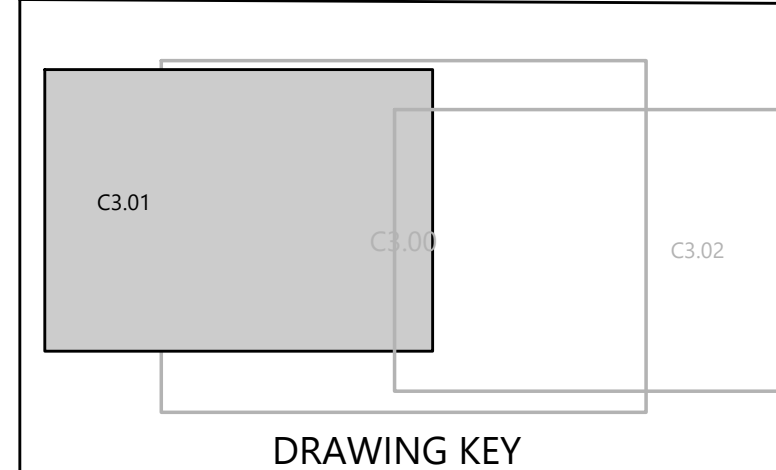
PREPARED FOR:
Brant L. Viner & Margaret Harling
 P.O. Box 295
 Ellsworth, ME 04605

TITLE:
**GRADING, DRAINAGE,
 & UTILITY PLAN**
**85 & 98 COMMON
 DRIVEWAY**
 85 & 95 West Street
 Northborough, MA 01532
 (Worcester County)

NOTICE OF INTENT



JOB NO.:	1207.03	DATE:	11/20/20
DWN. BY:	GBS	SHEET:	
CHK'D. BY:	BPW/JRW		C3.00



GENERAL NOTES

- Description: 85 & 95 West Street have 6.6 and 10.7 acres respectively for a total of 17.3 acres. The proposed development, disturbing ± 242,552 SF (5.582 AC), is bordered on the north by West Street. The project deed and plan book references are Deed Book 15417 Page 232 Plan Book 438 Plan 122; Plan Book 663 Plan 16, Town of Northborough, Worcester County, Massachusetts. Proposed construction will include demolition of existing pavement and construction of 3 single residential units with associated drives, utilities, and stormwater management system.
- Name and phone number of the 24-hour local contact person responsible for erosion control emergencies
Name: T.B.D.
Phone: T.B.D.
- Site location:
85 & 95 West Street
Northborough, MA 01532
Project is located in Plan Book 438 Plan 122; Plan Book 663 Plan 16, Town of Northborough, Worcester County, Massachusetts.
Zoning information: RB/RESIDENCE B
Site area: 4753,588 SF
Disturbed area: 242,552 SF (5.582 AC.)
- This site is within the limits of a 1 or 0.2% annual chance flood hazard area as per F.I.R.M. for Worcester County, Massachusetts. Community panel NO. 25027C0633F EFFECTIVE JULY 16, 2014.
- Soil information:
Chaffield-hollis-rock outcrop complex, 0 to 15 percent slopes (102c)
Windsor loamy sand, 3 to 8 percent slopes (255b)
Paxton fine sandy loam, 3 to 8 percent slopes (305b)
Paxton fine sandy loam, 8 to 15 percent slopes (305c)
Paxton fine sandy loam, 0 to 8 percent slopes, very stony (306c)
Paxton fine sandy loam, 15 to 25 percent slopes, extremely stony (307d)
Woodbridge fine sandy loam, 0 to 8 percent slopes, extremely stony (312b)

GRADING & DRAINAGE NOTES

- NO EARTHWORK SHALL BE PERMITTED UNTIL ISSUANCE OF A GRADING AND DISTURBANCE PERMIT FROM THE TOWN OF NORTHBOROUGH. ALL EXCESS MATERIAL TO BE REMOVED FROM SITE OR STOCKPILED IN APPROVED LOCATION.
 - ALL FILL AND CUT SLOPES SHALL BE 3:1 OR FLATTER UNLESS OTHERWISE NOTED ON THE PLANS.
 - NO GRADED SLOPE SHALL EXCEED 3H: 1V
 - EROSION CONTROL MATTING SHALL BE INSTALLED ON ALL SLOPES GREATER THAN 3:1.
 - CONTRACTOR TO COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO BEGINNING GRADING ACTIVITIES.
 - EARTHWORK QUANTITIES
 - DETAIL FOR INFILTRATION UNITS FOUND ON C6.04 THROUGH C6.06
- | CUT FACTOR | FILL FACTOR | CUT (CU. YD.) | FILL (CU. YD.) | NET (CU. YD.) |
|------------|-------------|---------------|----------------|---------------|
| 1.00 | 1.20 | | | |
- *VALUE ADJUSTED BY CUT OR FILL FACTOR OTHER THAN 1.0.

WATER NOTES

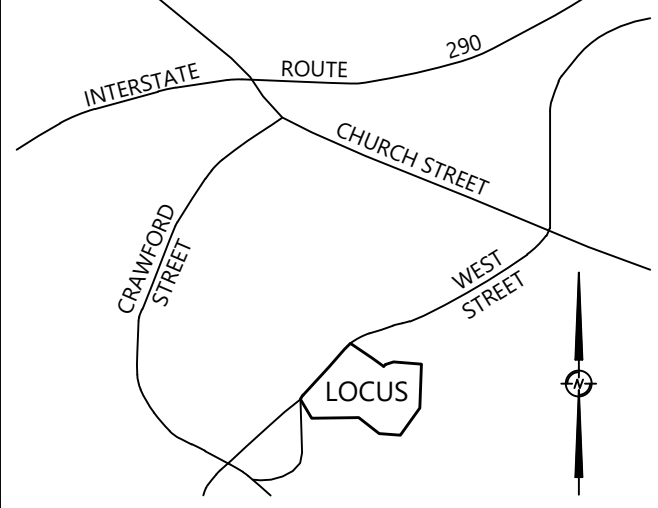
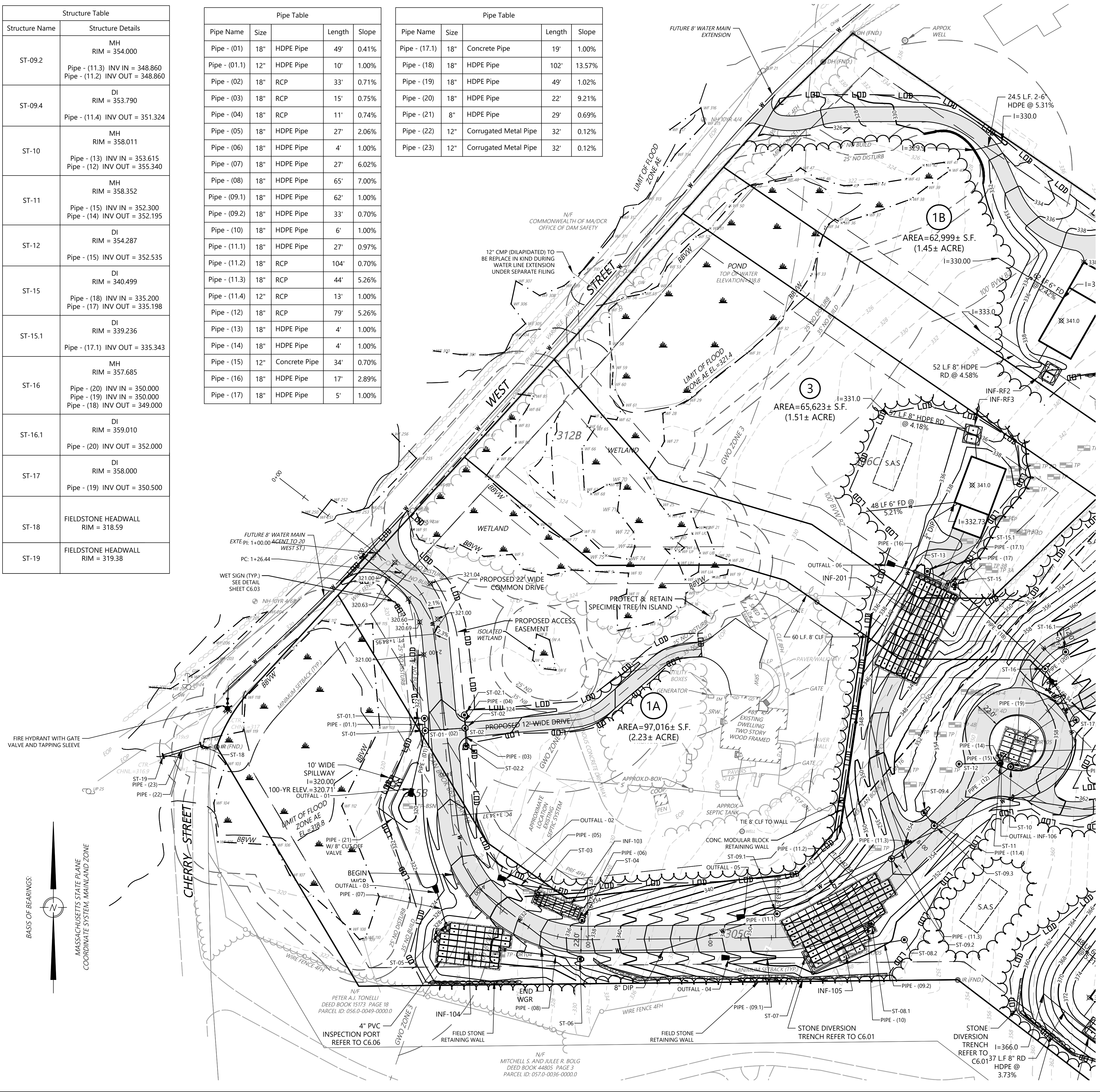
- ALL WATER MAINS MUST BE CEMENT LINE DUCTILE IRON.
- ALL RESIDENCES SHALL BE CONSTRUCTED WITH PRIVATE BOOSTER PUMPS ON THEIR WATER SERVICES TO PROVIDE ADEQUATE WATER PRESSURE.

Structure Table	
Structure Name	Structure Details
Outfall - 01	CONC. FLARED END SECTION RIM = 321.346 Pipe - (01) INV IN = 319.700
Outfall - 02	CONC. FLARED END SECTION RIM = 328.646 Pipe - (05) INV IN = 326.000
Outfall - 03	CONC. FLARED END SECTION RIM = 323.646 Pipe - (07) INV IN = 322.000
Outfall - 04	CONC. FLARED END SECTION RIM = 348.036 Pipe - (09.1) INV IN = 346.390
Outfall - 05	CONC. FLARED END SECTION RIM = 349.792 Pipe - (11.1) INV IN = 347.770
Outfall - 06	CONC. FLARED END SECTION RIM = 335.646 Pipe - (16) INV IN = 334.000
Outfall - INF-103	STORMTECH INLET RIM = 328.034 Pipe - (06) INV IN = 326.560
Outfall - INF-104	STORMTECH INLET RIM = 327.374 Pipe - (08) INV IN = 325.730
Outfall - INF-105.1	STORMTECH INLET RIM = 347.274 Pipe - (10) INV IN = 347.130
Outfall - INF-106	STORMTECH INLET RIM = 352.264 Pipe - (14) INV IN = 352.160
Outfall - INF-201	STORMTECH INLET RIM = 353.654 Pipe - (17.1) INV IN = 335.150 Pipe - (17) INV IN = 335.150
ST-01	MH RIM = 324.442 Pipe - (01.1) INV IN = 319.900 Pipe - (02) INV IN = 319.900 Pipe - (01) INV OUT = 319.900
ST-01.1	DI RIM = 321.976 Pipe - (01.1) INV OUT = 320.000
ST-02	MH RIM = 324.672 Pipe - (04) INV IN = 320.130 Pipe - (03) INV IN = 320.130 Pipe - (02) INV OUT = 320.130
ST-02.1	DI RIM = 322.752 Pipe - (04) INV OUT = 320.210
ST-02.2	DI RIM = 322.782 Pipe - (03) INV OUT = 320.240
ST-03	NYLOPLAST BASIN RIM = 328.034 Pipe - (05) INV OUT = 326.560
ST-04	DI RIM = 335.763 Pipe - (06) INV OUT = 326.603
ST-05	NYLOPLAST BASIN RIM = 325.284 Pipe - (07) INV OUT = 323.640
ST-06	DI RIM = 335.763 Pipe - (08) INV OUT = 330.294
ST-07	NYLOPLAST BASIN RIM = 348.654 Pipe - (09.1) INV OUT = 347.010
ST-08.1	DI RIM = 351.704 Pipe - (10) INV OUT = 347.194
ST-09.1	MH RIM = 352.777 Pipe - (11.2) INV IN = 348.133 Pipe - (11.1) INV OUT = 348.030

Structure Table	
Structure Name	Structure Details
ST-09.2	MH RIM = 354.000 Pipe - (11.3) INV IN = 348.860 Pipe - (11.2) INV OUT = 348.860
ST-09.4	DI RIM = 353.790 Pipe - (11.4) INV OUT = 351.324
ST-10	MH RIM = 358.011 Pipe - (13) INV IN = 353.615 Pipe - (12) INV OUT = 355.340
ST-11	MH RIM = 358.352 Pipe - (15) INV IN = 352.300 Pipe - (14) INV OUT = 352.195
ST-12	DI RIM = 354.287 Pipe - (15) INV OUT = 352.535
ST-15	DI RIM = 340.499 Pipe - (18) INV IN = 335.200 Pipe - (17) INV OUT = 335.198
ST-15.1	DI RIM = 339.236 Pipe - (17.1) INV OUT = 335.343
ST-16	MH RIM = 357.685 Pipe - (20) INV IN = 350.000 Pipe - (19) INV IN = 350.000 Pipe - (18) INV OUT = 349.000
ST-16.1	DI RIM = 359.010 Pipe - (20) INV OUT = 352.000
ST-17	DI RIM = 358.000 Pipe - (19) INV OUT = 350.500
ST-18	FIELDSTONE HEADWALL RIM = 318.59
ST-19	FIELDSTONE HEADWALL RIM = 319.38

Pipe Table				
Pipe Name	Size	Length	Slope	
Pipe - (01)	18"	HDPE Pipe	49'	0.41%
Pipe - (01.1)	12"	HDPE Pipe	10'	1.00%
Pipe - (02)	18"	RCP	33'	0.71%
Pipe - (03)	18"	RCP	15'	0.75%
Pipe - (04)	18"	RCP	11'	0.74%
Pipe - (05)	18"	HDPE Pipe	27'	2.06%
Pipe - (06)	18"	HDPE Pipe	4'	1.00%
Pipe - (07)	18"	HDPE Pipe	27'	6.02%
Pipe - (08)	18"	HDPE Pipe	65'	7.00%
Pipe - (09.1)	18"	HDPE Pipe	62'	1.00%
Pipe - (09.2)	18"	HDPE Pipe	33'	0.70%
Pipe - (10)	18"	HDPE Pipe	6'	1.00%
Pipe - (11.1)	18"	HDPE Pipe	27'	0.97%
Pipe - (11.2)	18"	RCP	104'	0.70%
Pipe - (11.3)	18"	RCP	44'	5.26%
Pipe - (11.4)	12"	RCP	13'	1.00%
Pipe - (12)	18"	RCP	79'	5.26%
Pipe - (13)	18"	HDPE Pipe	4'	1.00%
Pipe - (14)	18"	HDPE Pipe	4'	1.00%
Pipe - (15)	12"	Concrete Pipe	34'	0.70%
Pipe - (16)	18"	HDPE Pipe	17'	2.89%
Pipe - (17)	18"	HDPE Pipe	5'	1.00%

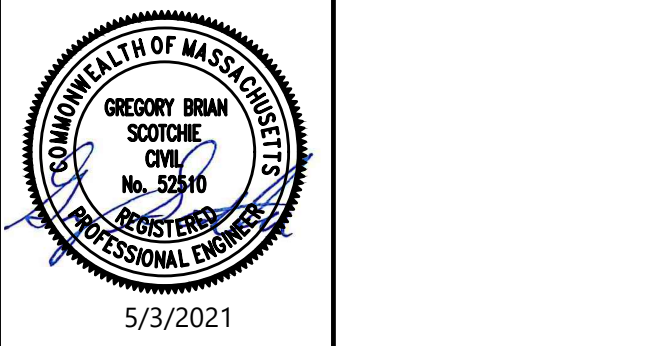
Pipe Table				
Pipe Name	Size	Length	Slope	
Pipe - (17.1)	18"	Concrete Pipe	19'	1.00%
Pipe - (18)	18"	HDPE Pipe	102'	13.57%
Pipe - (19)	18"	HDPE Pipe	49'	1.02%
Pipe - (20)	18"	HDPE Pipe	22'	9.21%
Pipe - (21)	8"	HDPE Pipe	29'	0.69%
Pipe - (22)	12"	Corrugated Metal Pipe	32'	0.12%
Pipe - (23)	12"	Corrugated Metal Pipe	32'	0.12%



LOCUS MAP
N.T.S.

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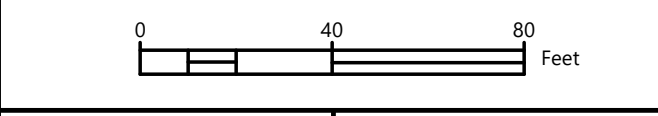


OWNER:
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P.O. Box 295
Ellsworth, ME 04605

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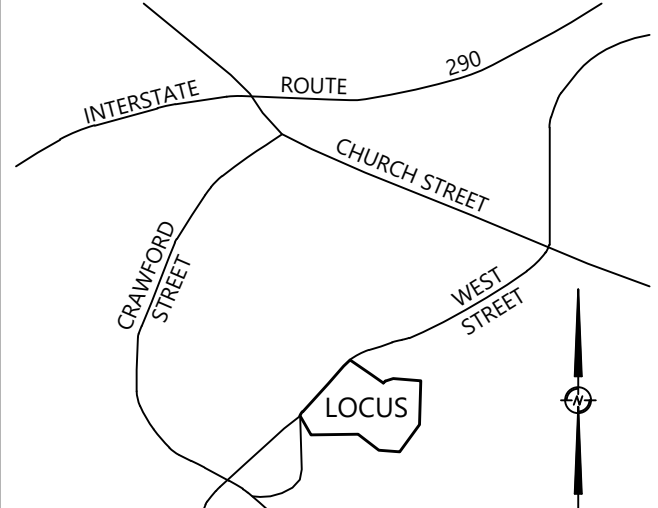
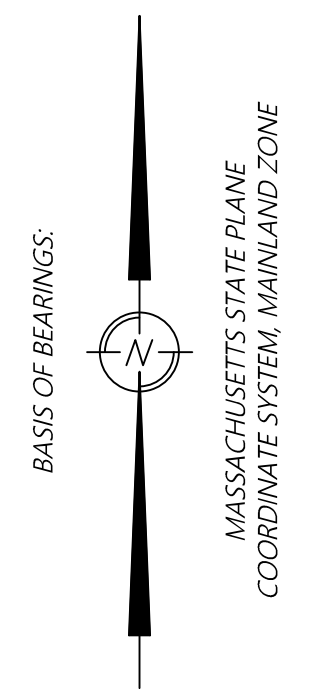
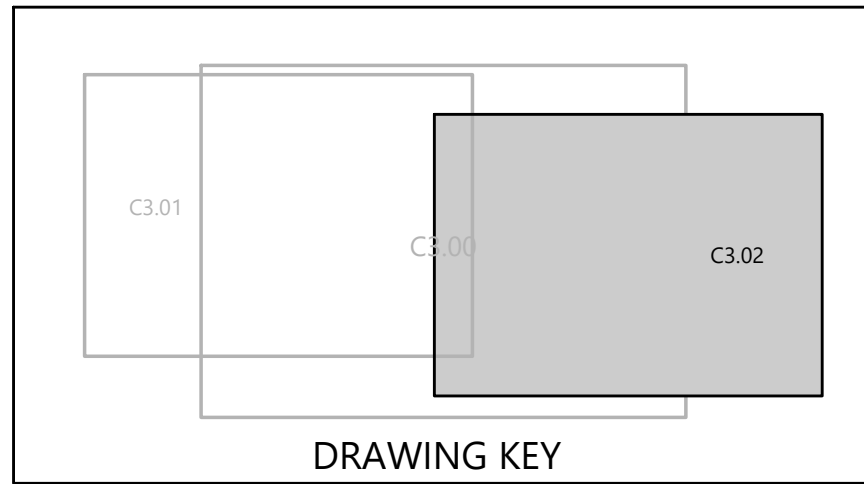
TITLE:
GRADING, DRAINAGE, & UTILITY PLAN
85 & 98 COMMON DRIVEWAY
85 & 95 West Street
Northborough, MA 01532
(Worcester County)

NOTICE OF INTENT



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DWN. BY:	GBS	SHEET:	
CHK'D. BY:	BPW/JRW		

C3.01



GRADING LEGEND

	PROPOSED CONTOUR LINE
	EXISTING CONTOUR LINE
	PROPOSED SPOT ELEVATION
	DRAINAGE FLOW ARROW (1% MINIMUM)
	ECB - EROSION CONTROL BARRIER

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- DETAIL FOR INFILTRATION UNITS FOUND ON C6.04 THROUGH C6.06

CUT FACTOR	FILL FACTOR	CUT (CU. YD.)	FILL (CU. YD.)	NET (CU. YD.)
1.00	1.20

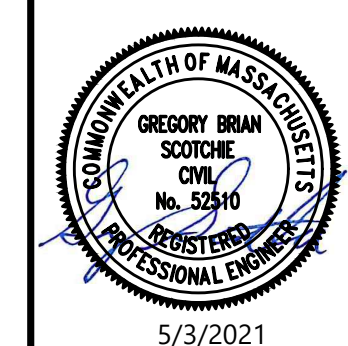
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WATER NOTES

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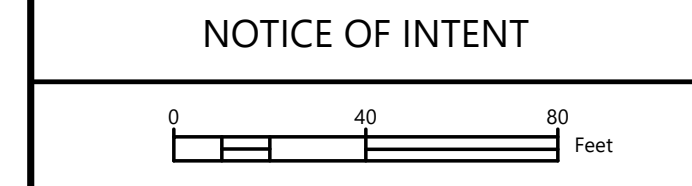
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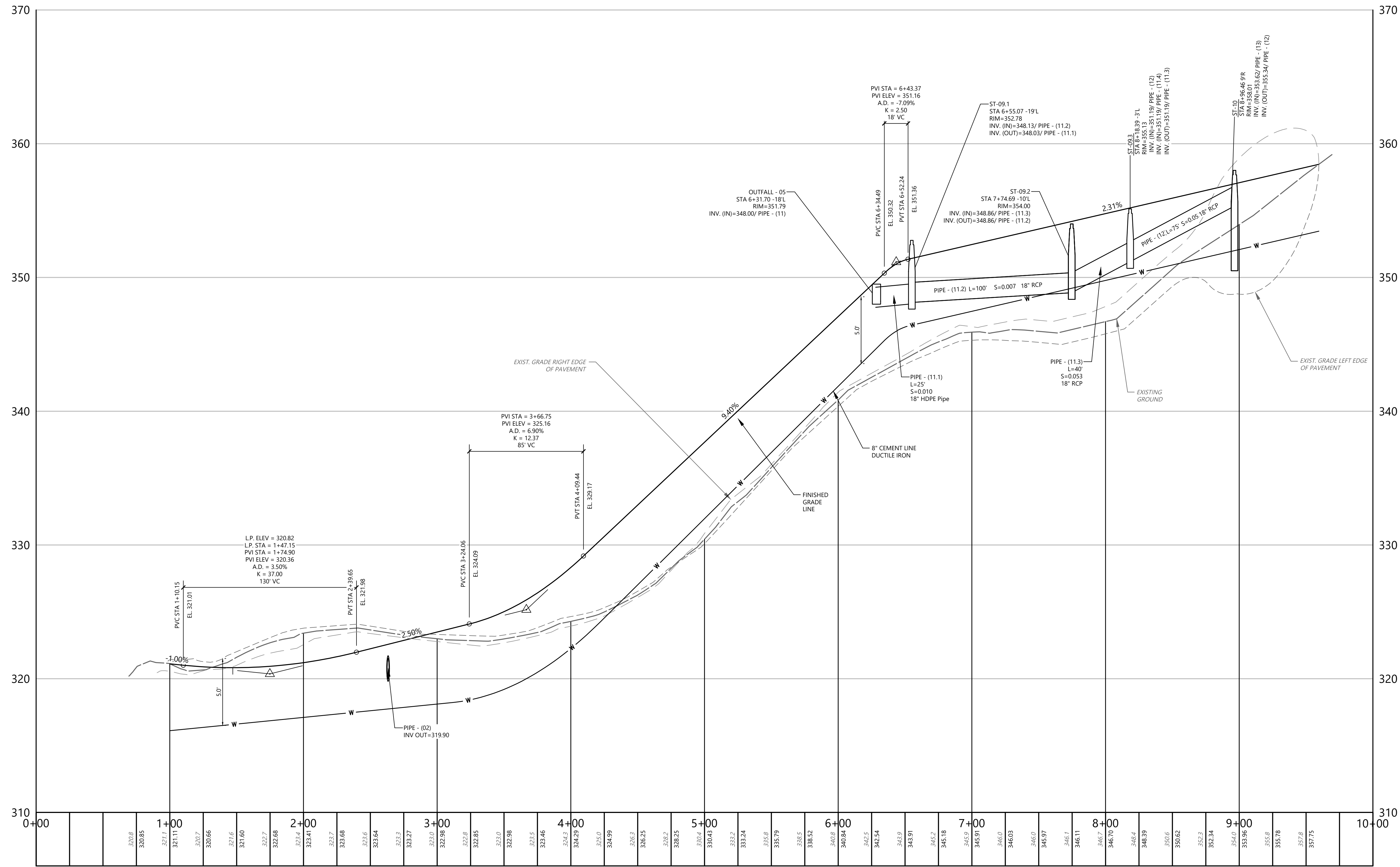
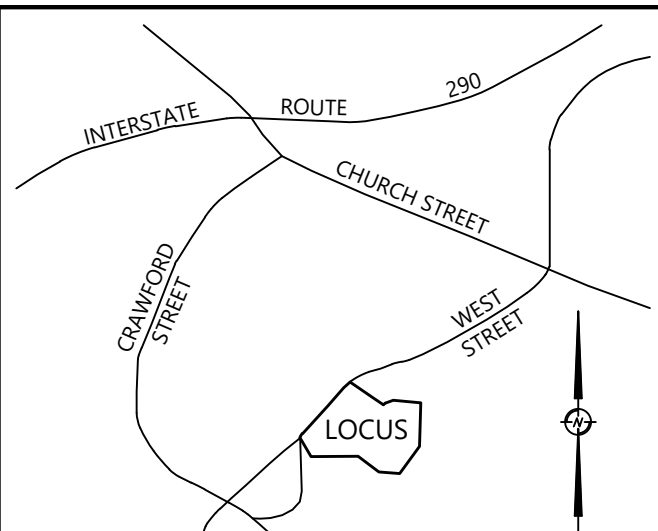
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JOB NO.:	1207.03	DATE:	11/20/20
DWN. BY:	GBS	SHEET:	
CHKD. BY:	BPW/JRW		C3.02

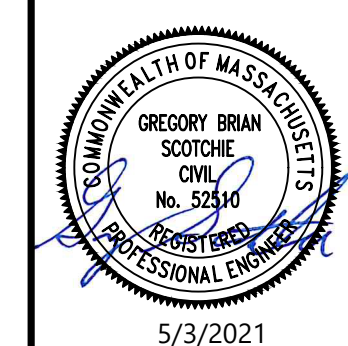
PROFILE: COMMON DRIVEWAY



STATION
HORIZONTAL SCALE: 1"=40'
VERTICAL SCALE: 1"=4'

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