RO - ONE FAMILY DWELLING	
LOT AREA (MIN)	20,000 S.F.
BUILDING AREA (S.F.)	NONE
FRONTAGE (MIN)	100'
FRONT YARD SETBACK (MIN)	25'
SIDE YARD SETBACK (MIN)	15'
REAR YARD SETBACK (MIN)	15'
BUILDING HEIGHT (MAX)	30'

PLAN REFERENCES:

PLAN, BOOK AND PAGE REFERENCES ARE FROM MIDDLESEX SOUTH REGISTRY OF DEEDS IN CAMBRIDGE, MA.

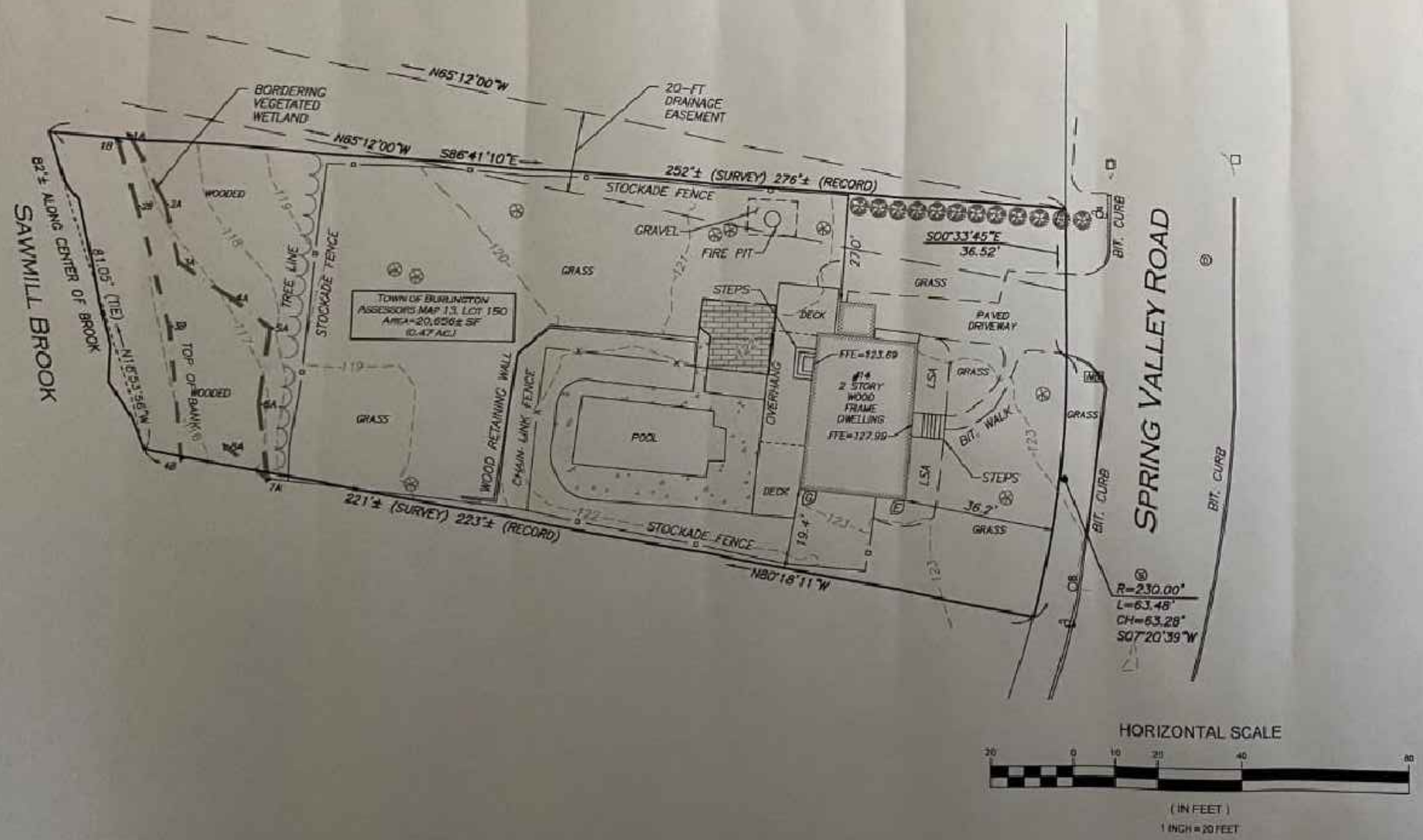
PLAN NUMBER 17 (C OF B) OF 1963
BOOK 10197 PAGE 294

LAND COURT PLAN 29669 A SHEET 3
PLAN NUMBER 1293 (C OF J) OF 1964
BOOK 10675 PAGE 409

PROPERTY LOCATED IN ZONE AE PER FEMA FIRM PANEL 293 OF 656, MAP NUMBER 25017C0293E, EFFECTIVE DATE JUNE 4, 2010

DRAINAGE EASEMENT
PLAN 84 OF 1965

TOP OF STREAM BANK AND BORDERING VEGETATED WETLAND DELINEATED BY NORSE ENVIRONMENTAL SERVICES ON AUGUST 9, 2021



REVISIONS	DESCRIPTION

APPLICANT/PROJECT:
MICHAEL & NATALIA CASEY
14 SPRING VALLEY ROAD
BURLINGTON, MA 01803
PARCEL ID 13-150-0
BOOK 63440 PAGE 496

DATE ISSUED:	NOVEMBER 24, 2021
SCALE:	1" = 20'
PREPARED BY:	AK, KC

I HEREBY CIERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL ON THE GROUND SURVEY

COMMONWEALTH OF MASSACHUSETTS
JOSEPH M. MASSONE
No. 47092
PROFESSIONAL LAND SURVEYOR

11-24-21
JOSEPH M. MASSONE, P.L.S.

DRAWING TITLE:
EXISTING CONDITIONS AND PLOT PLAN

DRAWING #:
C-1

COMPENSATORY STORAGE				
ELEVATION RANGE	EXISTING INCREMENTAL VOLUME	EXISTING CUMULATIVE VOLUME	PROPOSED INCREMENTAL VOLUME	PROPOSED CUMULATIVE VOLUME
116-117	1,621 CF	1,621 CF	1,621 CF	1,621 CF
117-118	2,615 CF	4,235 CF	2,615 CF	4,235 CF
118-119	3,808 CF	8,043 CF	3,808 CF	8,043 CF
119-120	6,190 CF	14,233 CF	6,190 CF	14,233 CF
120-121	8,770 CF	23,004 CF	8,770 CF	23,004 CF
121-122	10,753 CF	33,756 CF	10,764 CF	33,767 CF
122-123	14,718 CF	48,474 CF	14,730 CF	48,498 CF

RO - ONE FAMILY DWELLING			
DESCRIPTION	REQUIRED	EXISTING	PROPOSED
LOT AREA (MIN)	20,000 S.F.	20,656± S.F.	20,656± S.F.
BUILDING AREA (S.F.)	NONE	994± S.F.	1449± S.F.
FRONTAGE (MIN)	100'	100'	100'
FRONT YARD SETBACK (MIN)	25'	36.4'	36.0'
SIDE YARD SETBACK (MIN)	15'	19.4'	16.2'
REAR YARD SETBACK (MIN)	15'	160.4'	160.4'
BUILDING HEIGHT (MAX)	30'	<30'	<30'

PLAN REFERENCES:

PLAN, BOOK AND PAGE REFERENCES ARE FROM MIDDLESEX SOUTH REGISTRY OF DEEDS IN CAMBRIDGE, MA.

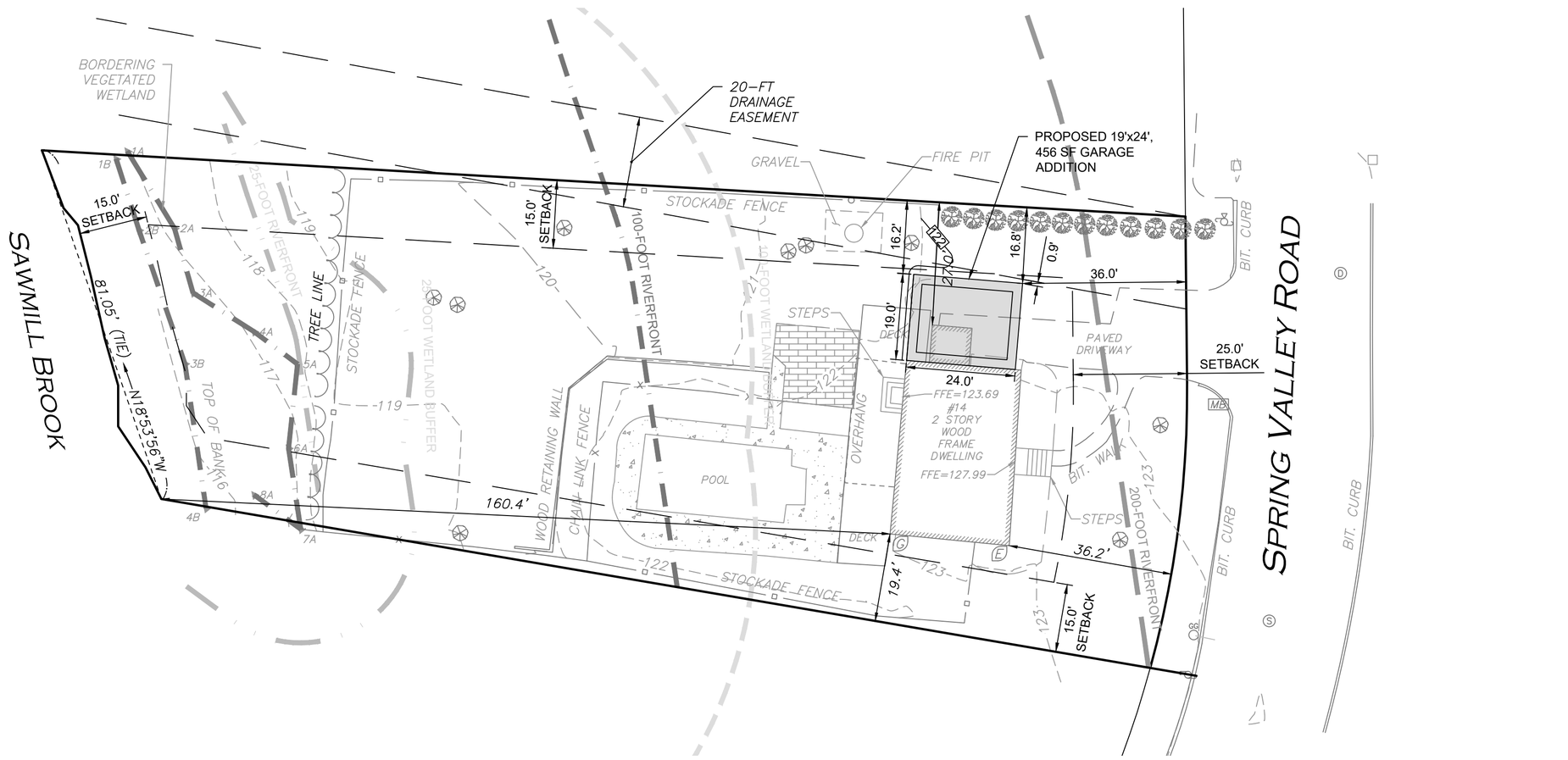
PLAN NUMBER 17 (C OF 8) OF 1963
BOOK 10197 PAGE 294

LAND COURT PLAN 29669 A SHEET 3
PLAN NUMBER 1293 (C OF 3) OF 1964
BOOK 10675 PAGE 409

PROPERTY LOCATED IN ZONE AE PER FEMA FIRM PANEL 293 OF 656. MAP NUMBER 25017C0293E, EFFECTIVE DATE JUNE 4, 2010

DRAINAGE EASEMENT
PLAN 84 OF 1965

TOP OF STREAM BANK AND BORDERING VEGETATED WETLAND DELINEATED BY NORSE ENVIRONMENTAL SERVICES ON AUGUST 9, 2021



HORIZONTAL SCALE

20 0 10 20 40 80

(IN FEET)

1 INCH = 20 FEET

REVISIONS	DESCRIPTION

APPLICANT/PROJECT:

MICHAEL & NATALIA CASEY
14 SPRING VALLEY ROAD
BURLINGTON, MA 01803
PARCEL ID 13-150-0
BOOK 63440 PAGE 496

DATE ISSUED:	DECEMBER 30, 2021
SCALE:	1" = 20'
PREPARED BY:	AK

PROFESSIONAL ENGINEER

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COMMONWEALTH OF MASSACHUSETTS
ALBERT KOPEK
CIVIL
No. 45190
REGISTERED PROFESSIONAL ENGINEER

KOPEK.ALBERT.T.1269595503
Digitally signed by KOPEK.ALBERT.T.1269595503
Date: 2021.12.31 22:55:26 -06'00'

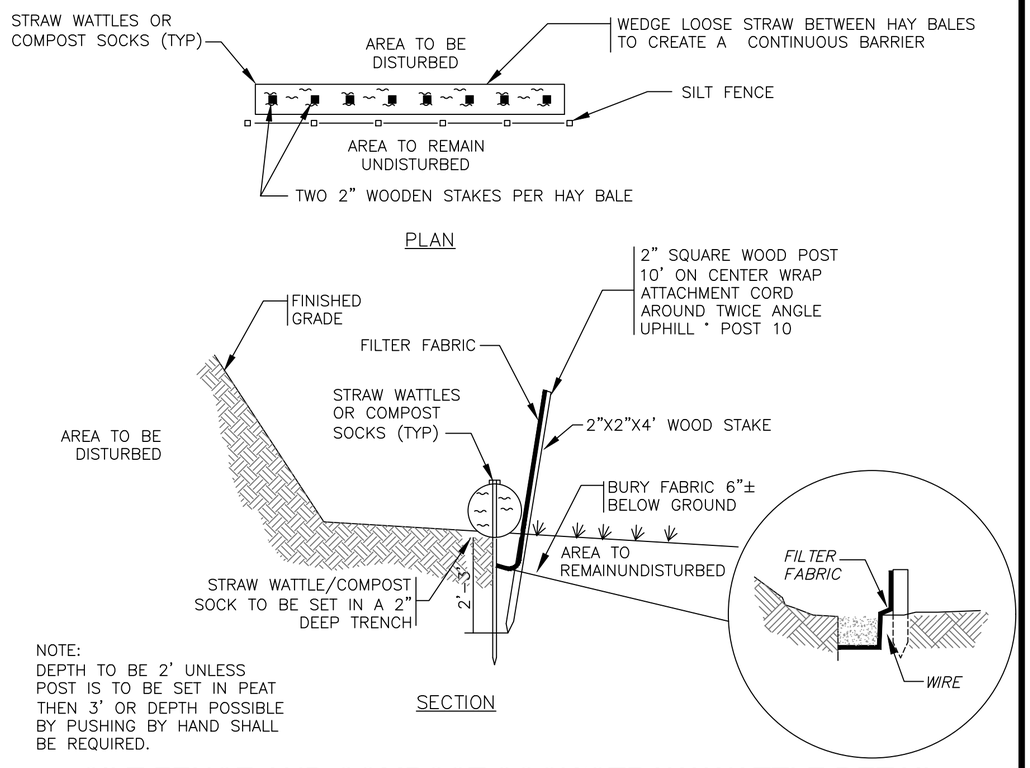
ALBERT KOPEK, PE, LEED AP

DRAWING TITLE:

SITE PLAN

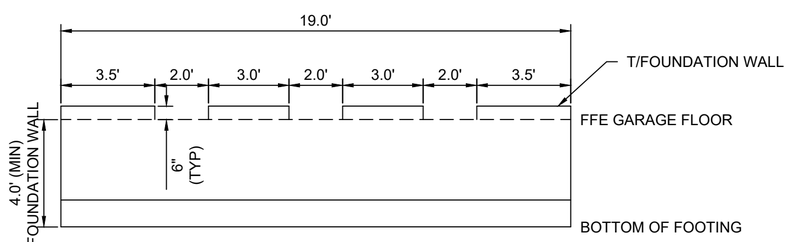
DRAWING #:

C-2



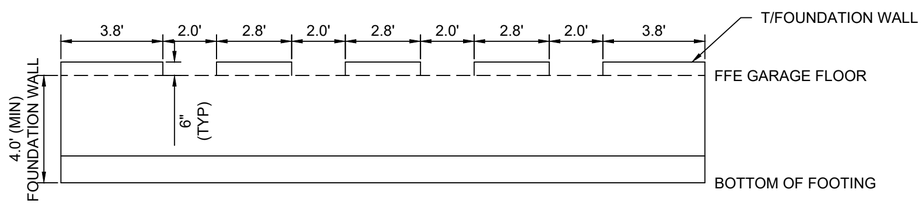
SILT FENCE AND COMPOST SOCK/STRAW WATTLE DETAIL

NOT TO SCALE



EAST FOUNDATION WALL ELEVATION

NOT TO SALE



NORTH FOUNDATION WALL ELEVATION

NOT TO SCALE

EROSION CONTROL NOTES

1. SILT CONTROL SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS TO SILT CONTROLS SHOWN ON THE APPROVED PLANS AS A RESULT OF ACTUAL FIELD CONDITIONS OR CONSTRUCTION PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH B.M.P. (BEST MANAGEMENT PRACTICES) PER THE E.P.A. THE MOST RECENT "STORMWATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES" MANUAL. ANY SUCH NOTIFICATIONS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER OR THE CONSERVATION COMMISSION.

2. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED DURING CONSTRUCTION, AND SHALL REMAIN IN PLACE UNTIL ALL SITE WORK IS COMPLETE AND GROUND COVER IS ESTABLISHED.

3. STOCKPILES SHALL BE SURROUNDED ON THEIR PERIMETERS WITH STAKED COMPOST SOCKS OR STRAW WATTLES AND/OR SILTATION FENCES TO PREVENT AND/OR CONTROL SILTATION AND EROSION.

4. TOP OF STOCKPILES SHALL BE COVERED IN SUCH MANNER THAT STORMWATER DOES NOT INFILTRATE THE MATERIALS AND THEREBY RENDER THE SAME UNSUITABLE FOR FILL USE.

5. ALL DISTURBED OR EXPOSED AREAS SUBJECT TO EROSION SHALL BE STABILIZED WITH MULCH OR SEEDED FOR TEMPORARY VEGETATIVE COVER. NO AREA, SUBJECT TO EROSION SHALL BE LEFT DISTURBED AND UNSTABILIZED FOR PERIODS LONGER THAN IS ABSOLUTELY NECESSARY TO CARRY OUT THAT PORTION OF THE CONSTRUCTION WORK OR SIX MONTHS AFTER SOIL HAS BEEN DISTURBED WHICHEVER IS LESS.

6.CULVERT/PIPE INLETS AND OUTFALLS SHALL BE PROTECTED BY SILT SACK OR EQUIVALENT TYPE FILTERS UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED.

7. COMPOST SOCK OR STRAW WATTLE DIKES SHALL BE CONSTRUCTED AT ALL EXISTING & PROPOSED CATCH BASINS LOCATED IN FILL AREAS & SUBJECT TO STORMWATER RUN-OFF FROM PROPOSED FILL AREAS DURING CONSTRUCTION, OR AS DIRECTED BY THE OWNER/ENGINEER. NO SEDIMENTATION SHALL ENTER THE ON-SITE OR OFF-SITE DRAINAGE SYSTEMS AT ANY TIME.

8. ALL EROSION CONTROL MEASURES SHALL BE ROUTINELY INSPECTED, CLEANED AND REPAIRED OR REPLACED AS NECESSARY THROUGHOUT ALL PHASE OF CONSTRUCTION. IN ADDITION, INSPECTION SHALL TAKE PLACE AFTER EACH RAINFALL EVENT.

9. ALL PROPOSED SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH JUTE MESH AND PROTECTED FROM EROSION.

10. THE CONTRACTOR SHALL KEEP ON SITE AT ALL TIMES ADDITIONAL COMPOST SOCKS OR STRAW WATTLES AND EXTRA SILTATION FENCING FOR INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE CONSERVATION COMMISSION TO MIGRATE ANY EMERGENCY CONDITION.

REVISIONS	DESCRIPTION

APPLICANT/PROJECT:

MICHAEL & NATALIA CASEY
14 SPRING VALLEY ROAD
BURLINGTON, MA 01803
PARCEL ID 13-150-0
BOOK 63440 PAGE 496

DATE ISSUED:	DECEMBER 30, 2021
SCALE:	NOT TO SCALE
PREPARED BY:	AK

PROFESSIONAL ENGINEER

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COMMONWEALTH OF MASSACHUSETTS
ALBERT KOPEK
CIVIL
No. 45190
REGISTERED PROFESSIONAL ENGINEER

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Digitally signed by KOPEK.ALBERT.T.1269595503
Date: 2021.12.31 22:56:31 -06'00'

ALBERT KOPEK, PE, LEED AP

DRAWING TITLE:

DETAILS

DRAWING #:

D-1