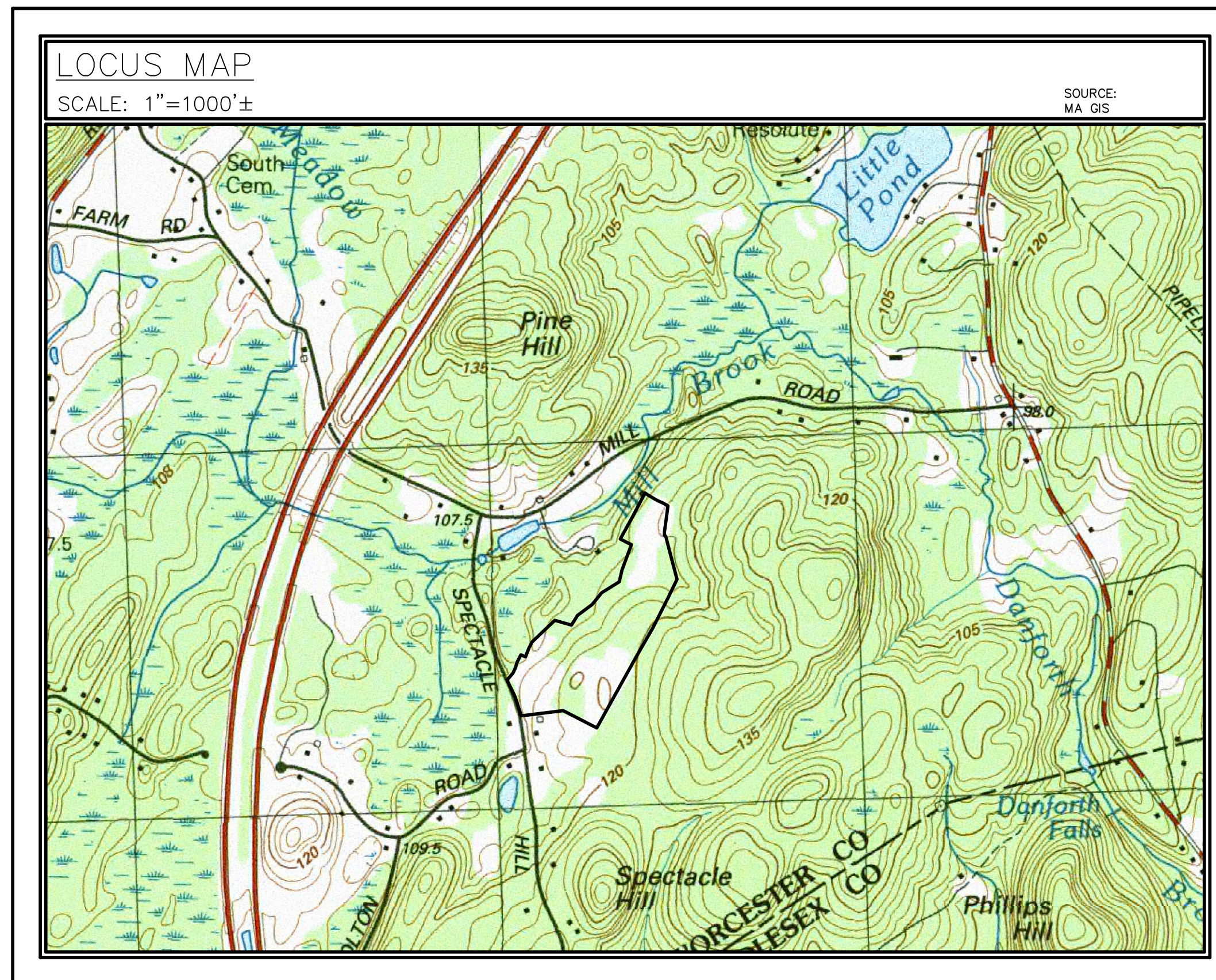


*PROPOSED FARMLAND + OPEN SPACE  
PLANNED RESIDENTIAL DEVELOPMENT  
(FOSPRD)  
IN  
BOLTON, MASSACHUSETTS  
OFF  
SOUTH BOLTON ROAD  
JULY 2022*

APPLICANT  
DANIEL MOTH  
3036 CENTER STREET  
MIAMI, FLORIDA 33133  
(508) 494-9637

ENGINEER & SURVEYOR  
HALEY WARD, INC.  
510 MECHANIC STREET  
LEOMINSTER, MA 01453  
TEL. (978) 537-5296  
FAX (978) 537-1423

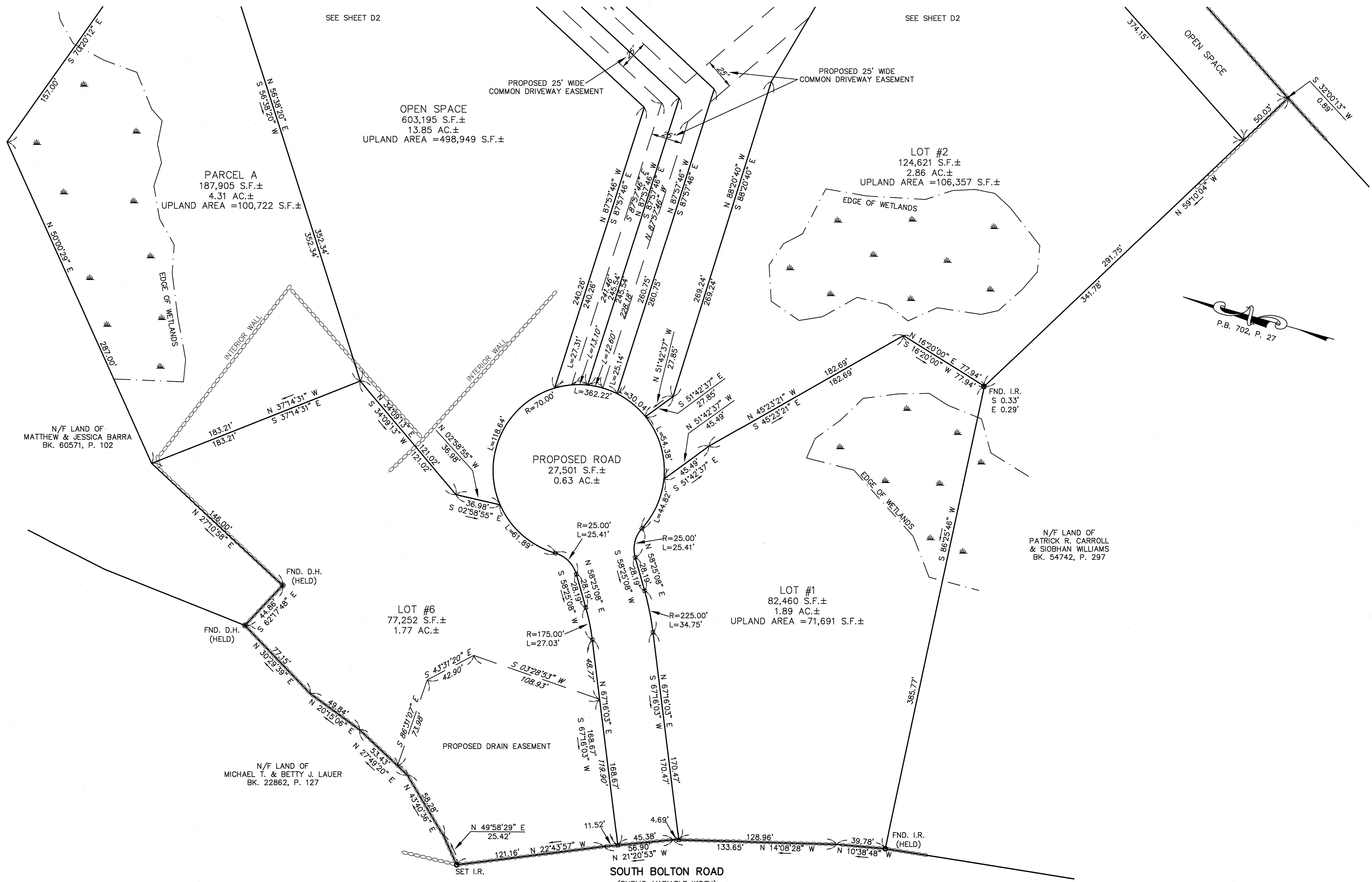
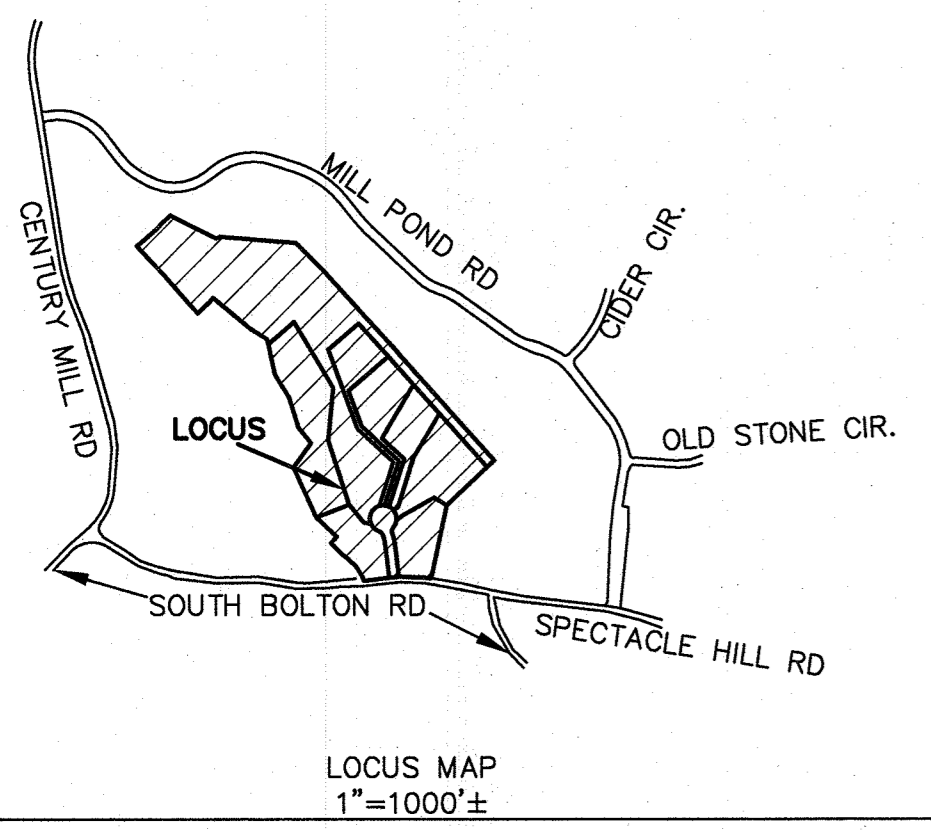


APPROVED AS SUBMITTED \_\_\_\_\_  
APPROVED WITH CONDITIONS \_\_\_\_\_  
APPROVED WITH REVISIONS \_\_\_\_\_  
**TOWN OF BOLTON PLANNING BOARD**  
DATE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PLAN INDEX	
DEFINITIVE SUBDIVISION PLAN	D1-D3
INDEX PLAN	1
EXISTING CONDITIONS PLAN	2-4
PROPOSED SITE & GRADING PLAN	5-7
PROPOSED ROADWAY PLAN	8
PROPOSED ROADWAY PROFILE	9
PROPOSED EROSION CONTROL PLAN	10-11
CONSTRUCTION NOTES	12
CONSTRUCTION DETAILS	13-14

NO.	DATE	DESCRIPTION
3	11/08/22	SHOW SEPTIC AREAS, WELLS, PARKING SPACES
2	10/27/22	REVISE CUL-DE-SAC
1	09/08/22	PER DPW COMMENTS





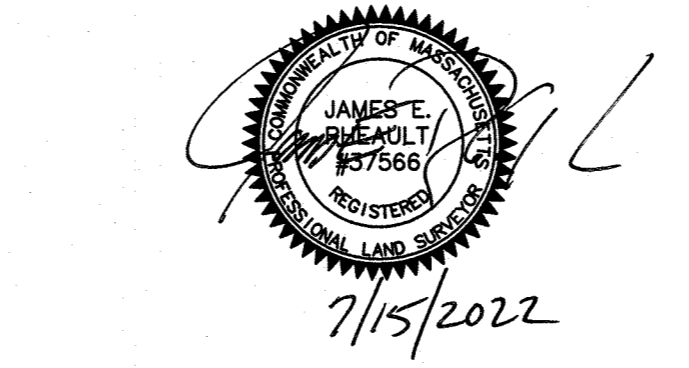
- NOTES:
- OWNER DEED REFERENCE: MILDRED C. FULLAM & HARLAND G. FULLAM BK. 37508, P. 366
  - PLAN REFERENCES: P.B. 111, P. 93; P.B. 274, P. 115; P.B. 702, P. 27; P.B. 894, P. 31
  - THE SUBJECT PREMISES IS GRAPHICALLY SITUATED IN THE RESIDENTIAL ZONING DISTRICT WITH THE FOLLOWING MINIMUM DIMENSIONAL REQUIREMENTS:
 

	RESIDENTIAL	FOSPRD
MINIMUM LOT AREA:	80,000 S.F.	1 ACRE
MINIMUM LOT FRONTAGE:	200 FT.	25 FT.
MINIMUM FRONT SETBACK:	50 FT.	50 FT.
MINIMUM SIDE SETBACK:	20 FT.	20 FT.
MINIMUM REAR SETBACK:	20 FT.	20 FT.
  - THE SUBJECT PREMISES IS NOT GRAPHICALLY SITUATED IN THE 100-YEAR FLOOD HAZARD ZONE PER FLOOD INSURANCE RATE MAP 25027C0486F DATED JULY 16, 2014.
  - PARCEL A AND THE OPEN SPACE AREA ARE NOT TO BE CONSIDERED BUILDING LOTS. THE OWNERSHIP OF THESE PARCELS WILL BE DETERMINED DURING THE DEFINITIVE SUBDIVISION PROCESS PER PRELIMINARY APPROVAL ITEM 8.
  - THE OPEN SPACE PARCEL IS 44% OF THE TOTAL AREA. THE WETLAND AND ADJACENT UPLAND RESOURCE AREA ARE 23% OF THE OPEN SPACE AREA.
  - LOTS #1-#6 CONFORM TO THE TOWN OF BOLTON ZONING BY-LAW FOSPRD SUBDIVISION.

□ DENOTES BOUND TO BE SET

APPROVED BY THE TOWN OF BOLTON  
 PLANNING BOARD DATE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I HEREBY CERTIFY THAT NO NOTICE OF APPEALS WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER THE RECEIPT AND RECORDING OF THE NOTICE FROM THE BOLTON PLANNING BOARD OF THE APPROVAL OF THIS PLAN.  
 TOWN OF BOLTON CLERK \_\_\_\_\_ DATE \_\_\_\_\_



I CERTIFY THAT THIS PLAN MEETS WITH REGULATIONS OF REGISTERS OF DEEDS

FARMLAND OPEN SPACE PLANNED RESIDENTIAL DEVELOPMENT (FOSPRD)  
 DEFINITIVE SUBDIVISION PLAN OF LAND

IN BOLTON, MA  
 PREPARED FOR  
**DANIEL MOTH**  
 JULY 15, 2022



**HALEY WARD, INC.**  
 ENGINEERING - ENVIRONMENTAL - SURVEYING  
 510 MECHANIC STREET - LEOMINSTER, MASSACHUSETTS 01453  
 21 CENTRAL SQUARE, SUITE 2 - CHELMSFORD, MASSACHUSETTS 01824

SEE SHEET D3

N/F LAND OF WEISSMAN REALTY TRUST RONALD G. WEISSMAN, TR. BK. 48987, P. 298

LOT #5  
76,092 S.F.±  
1.75 AC.±

LOT #4  
90,630 S.F.±  
2.08 AC.±

LOT #3  
72,080 S.F.±  
1.65 AC.±

LOT #2  
124,621 S.F.±  
2.86 AC.±  
UPLAND AREA = 106,357 S.F.±

OPEN SPACE  
603,195 S.F.±  
13.85 AC.±  
UPLAND AREA = 498,949 S.F.±

PARCEL A  
187,905 S.F.±  
4.31 AC.±  
UPLAND AREA = 100,722 S.F.±

N/F LAND OF MARK A. & ELAINE A. KAHAN BK. 7074, P. 19

FND. C.B.  
S 0.47'  
E 0.22'

N/F LAND OF MATTHEW & JESSICA BARRA BK. 60571, P. 102

P.B. 702, P. 27

N/F LAND OF CENTURY MILL LTD PARTNERSHIP BK. 44938, P. 262

PROPOSED 25' WIDE COMMON DRIVEWAY EASEMENT

SEE SHEET D1

FARMLAND OPEN SPACE PLANNED RESIDENTIAL DEVELOPMENT (FOSPRD)  
DEFINITIVE SUBDIVISION PLAN OF LAND

IN BOLTON, MA

PREPARED FOR

DANIEL MOTH

JULY 15, 2022

0 40 80

HALEY WARD, INC.

ENGINEERING - ENVIRONMENTAL - SURVEYING

510 MECHANIC STREET - LEOMINSTER, MASSACHUSETTS 01453

21 CENTRAL SQUARE, SUITE 2 - CHELMSFORD, MASSACHUSETTS 01824

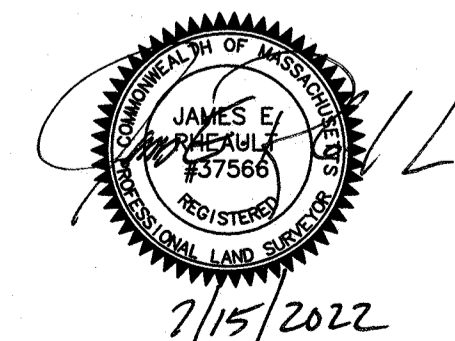
29-D-28

APPROVED BY THE TOWN OF BOLTON  
PLANNING BOARD DATE: \_\_\_\_\_

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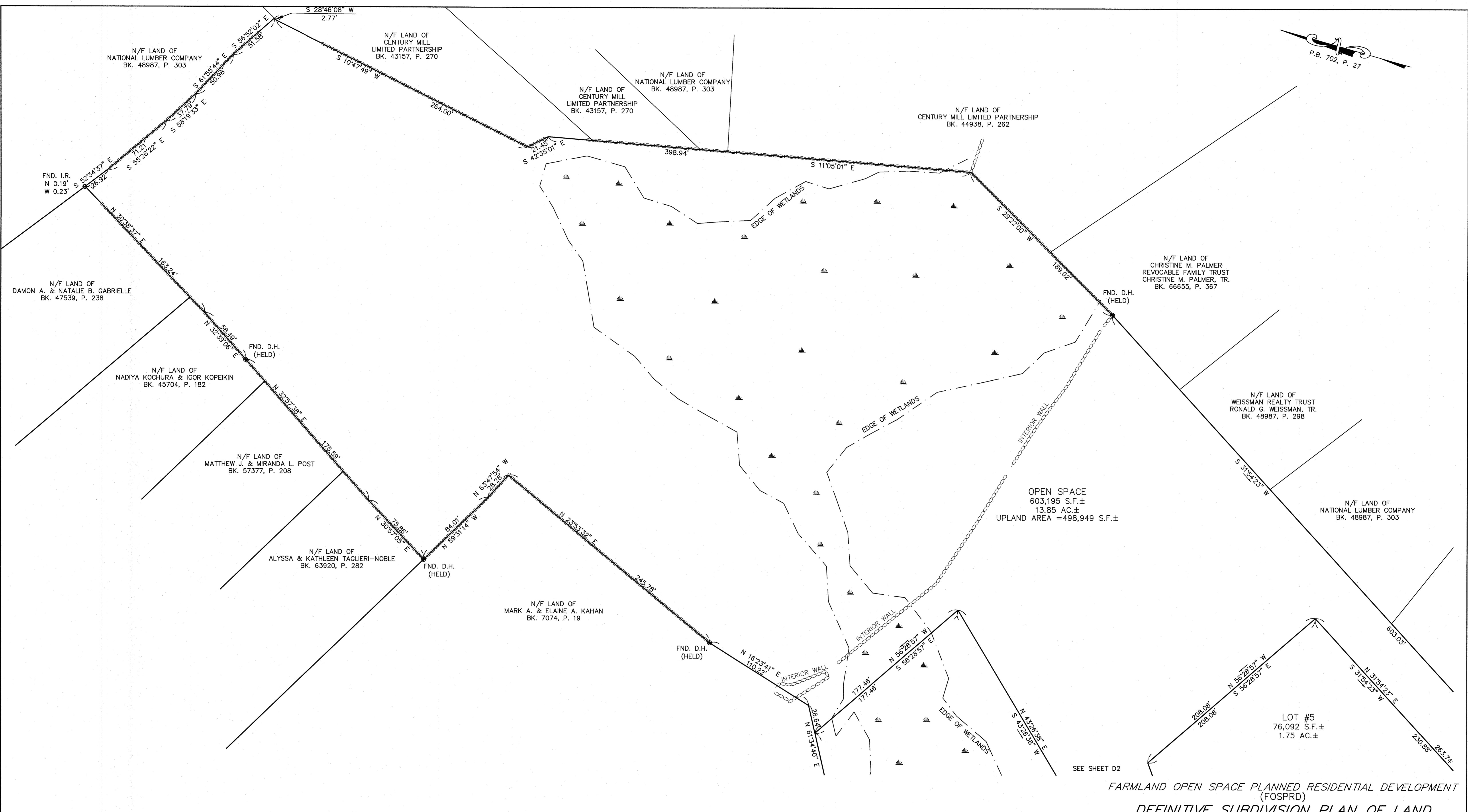
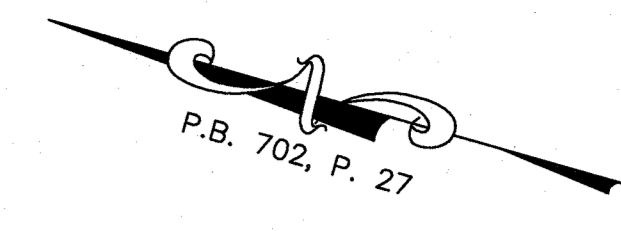
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TOWN OF BOLTON CLERK \_\_\_\_\_ DATE \_\_\_\_\_



7/15/2022

I CERTIFY THAT THIS PLAN MEETS WITH REGULATIONS OF REGISTERS OF DEEDS

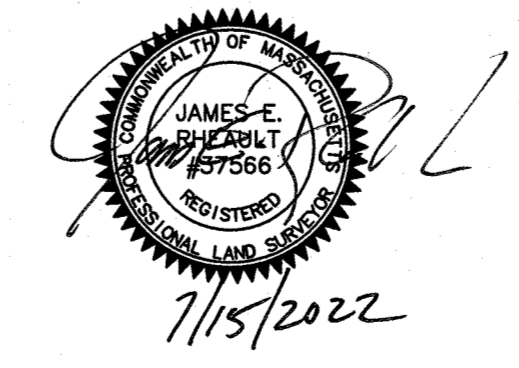


APPROVED BY THE TOWN OF BOLTON  
PLANNING BOARD DATE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_

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PLANNING BOARD DATE: \_\_\_\_\_

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TOWN OF BOLTON CLERK \_\_\_\_\_ DATE \_\_\_\_\_



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FARMLAND OPEN SPACE PLANNED RESIDENTIAL DEVELOPMENT (FOSPRD)  
**DEFINITIVE SUBDIVISION PLAN OF LAND**

IN BOLTON, MA

PREPARED FOR

**DANIEL MOTH**

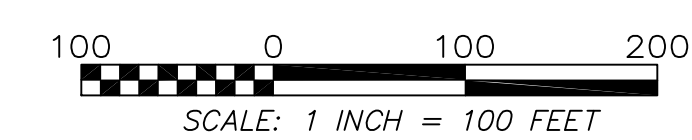
JULY 15, 2022



**HALEY WARD, INC.**

ENGINEERING - ENVIRONMENTAL - SURVEYING  
510 MECHANIC STREET - LEOMINSTER, MASSACHUSETTS 01453

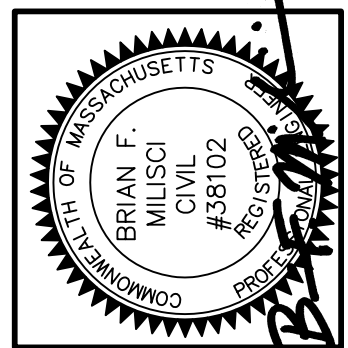




APPROVED AS SUBMITTED \_\_\_\_\_  
 APPROVED WITH CONDITIONS \_\_\_\_\_  
 APPROVED WITH REVISIONS \_\_\_\_\_

**TOWN OF BOLTON PLANNING BOARD**

DATE: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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**INDEX PLAN**  
 FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
 IN  
**BOLTON, MASSACHUSETTS**

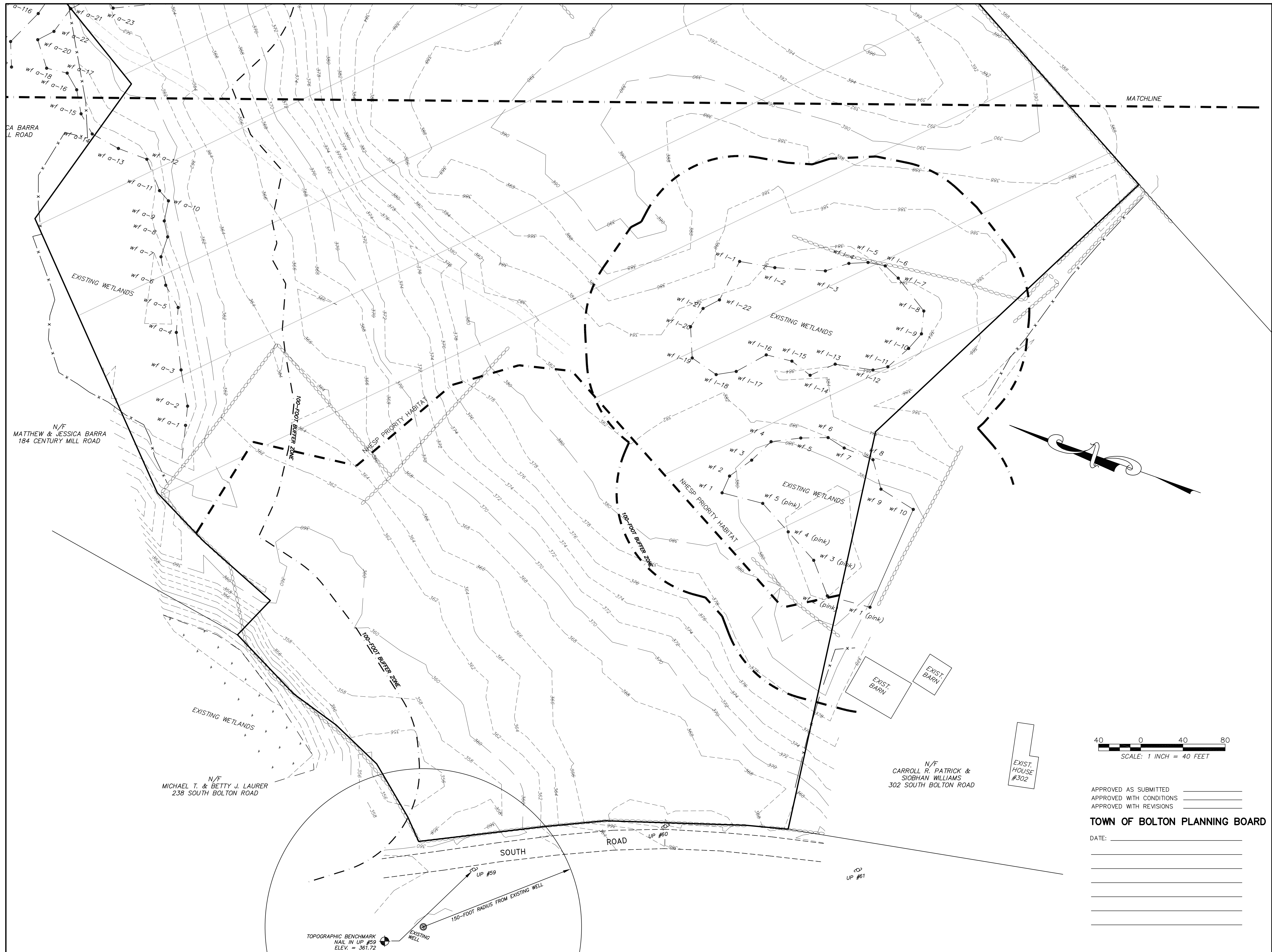
PREPARED FOR:  
 DANIEL MOTHIA  
 3036 CENTER STREET  
 MIAMI, FLORIDA 01760  
 (508) 494-9637

**HALEY WARD**  
 ENGINEERING | ENVIRONMENTAL | SURVEYING  
 510 MECHANIC STREET  
 LEOMINSTER, MASSACHUSETTS 01453  
 TEL. (978) 537-5296  
 FAX. (978) 537-1423

REVISIONS	
NO.	DESCRIPTION
3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES
2	REVISE GUL-DE-SAC
1	PER DPW COMMENTS
NO.	DATE

<b>DRAWN BY:</b> BFM	<b>CHECKED BY:</b> JER
<b>DATE:</b> JULY 15, 2022	<b>SCALE:</b> 1" = 100'
<b>SHEET NUMBER:</b> 1 OF 14	<b>JOB NUMBER:</b> 7399
<b>COMPS:</b> 8344	<b>PLAN NUMBER:</b> 29-D-28
<b>PLAN REF(S):</b>	<b>FIELD BOOK REF(S):</b>



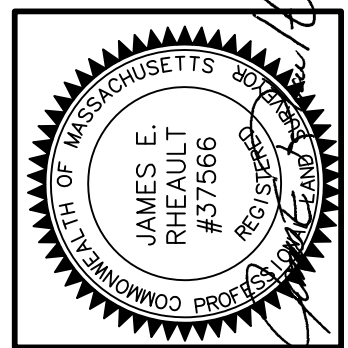


CHECKED BY: JER	DATE: JULY 15, 2022	SHEET NUMBER: 2	COMPS: 8344	PLAN REF(S):
DRAWN BY: BFM	SCALE: 1" = 40'	OF 14	JOB NUMBER: 7399	PLAN REF(S):
		PLAN NUMBER: 29-D-28	FIELD BOOK REF(S):	

NO.	DATE	DESCRIPTION
3	11/08/22	SHOW SEPTIC AREAS, WELLS, PARKING SPACES
2	10/27/22	REVISE GUL-DE-SAC
1	09/08/22	PER DPW COMMENTS

**EXISTING CONDITIONS PLAN**  
FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
IN  
**BOLTON, MASSACHUSETTS**

PREPARED FOR:  
DANIEL MOTHIA  
3036 CENTER STREET  
MIAMI, FLORIDA 33133  
(508) 494-9637



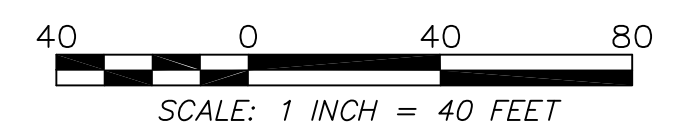
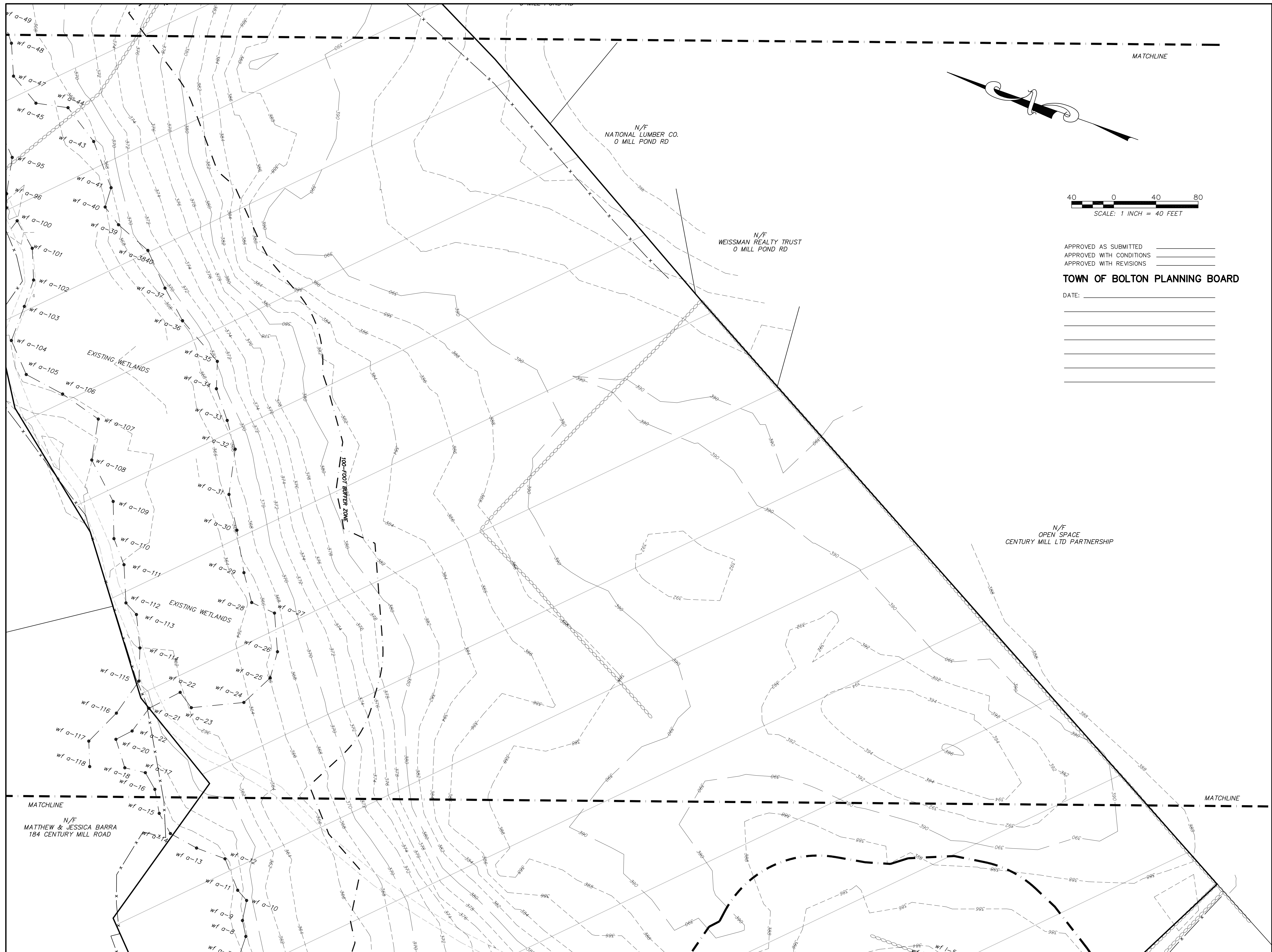
APPROVED AS SUBMITTED \_\_\_\_\_  
 APPROVED WITH CONDITIONS \_\_\_\_\_  
 APPROVED WITH REVISIONS \_\_\_\_\_

**TOWN OF BOLTON PLANNING BOARD**

DATE: \_\_\_\_\_  
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 \_\_\_\_\_

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 APPROVED WITH REVISIONS \_\_\_\_\_

**TOWN OF BOLTON PLANNING BOARD**

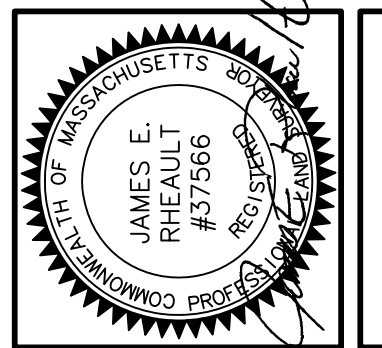
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SCALE: 1" = 40'	DATE: JULY 15, 2022
JOB NUMBER: 7399	SHEET NUMBER: 3 OF 14
PLAN NUMBER: 29-D-28	COMPS: 8344
FIELD BOOK REF(S):	PLAN REF(S):

REVISIONS		NO.	DESCRIPTION	DATE	BY
		3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	11/08/22	BFM
		2	REVISE GUL-DE-SAC	10/27/22	BFM
		1	PER DPW COMMENTS	09/08/22	BFM

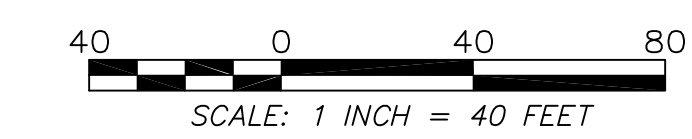
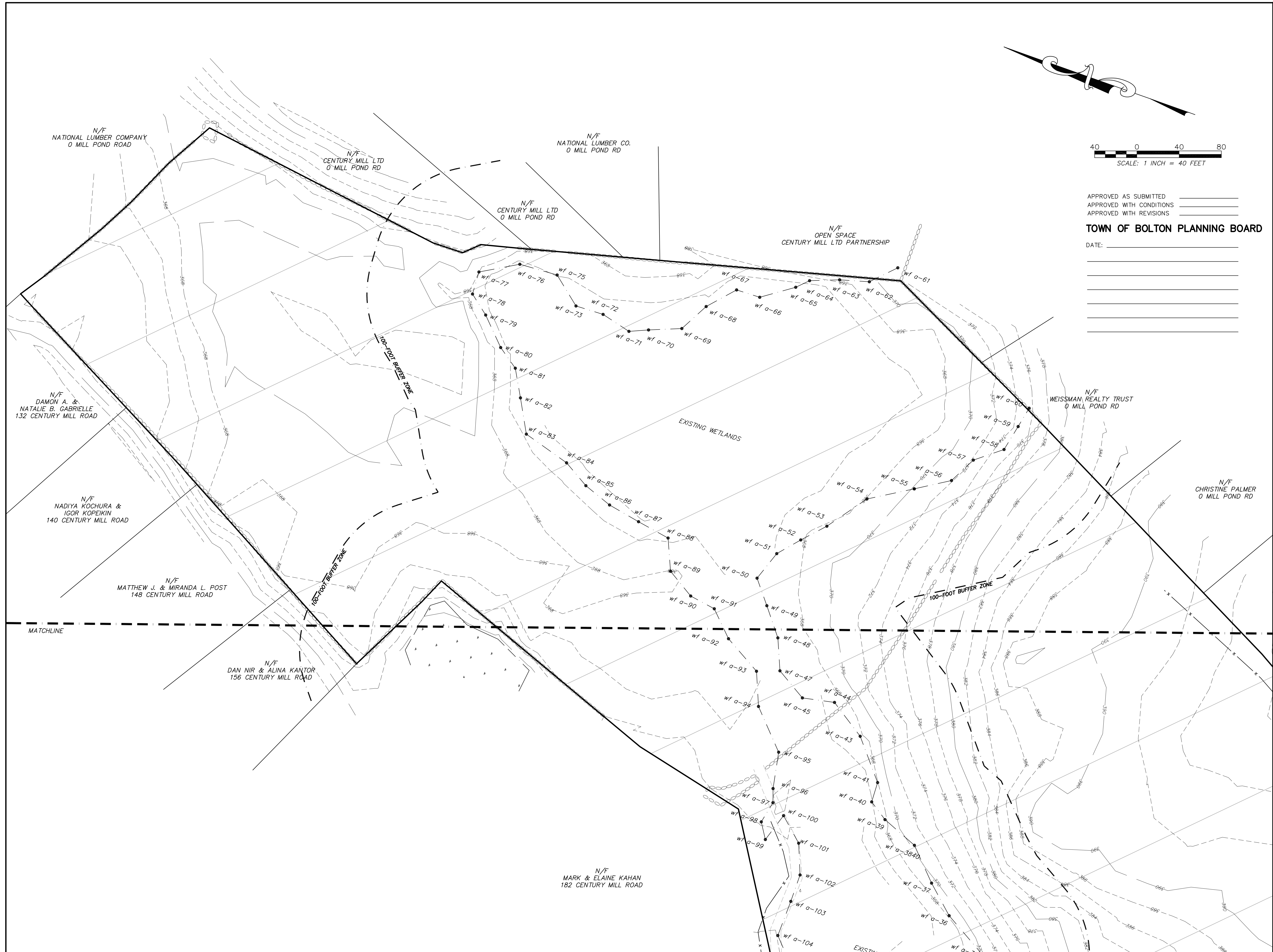
**EXISTING CONDITIONS PLAN**  
 FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
 IN  
**BOLTON, MASSACHUSETTS**

PREPARED FOR:  
 DANIEL MOTHIA  
 3036 CENTER STREET  
 MIAMI, FLORIDA 33133  
 (508) 494-9637



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**TOWN OF BOLTON PLANNING BOARD**

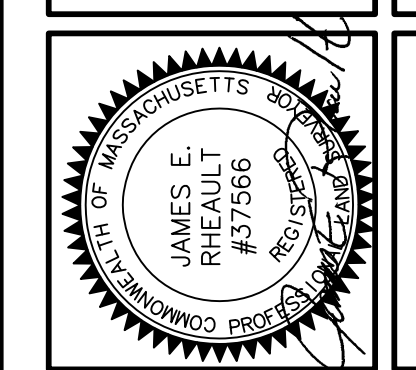
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JOB NUMBER: 7399	SHEET NUMBER: 4 OF 10
PLAN NUMBER: 29-D-28	COMPS: 8344
FIELD BOOK REF(S):	PLAN REF(S):

NO.	DESCRIPTION	DATE	BY
3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	11/08/22	BFM
2	REVISE GUL-DE-SAC	10/27/22	BFM
1	PER DPW COMMENTS	09/08/22	BFM

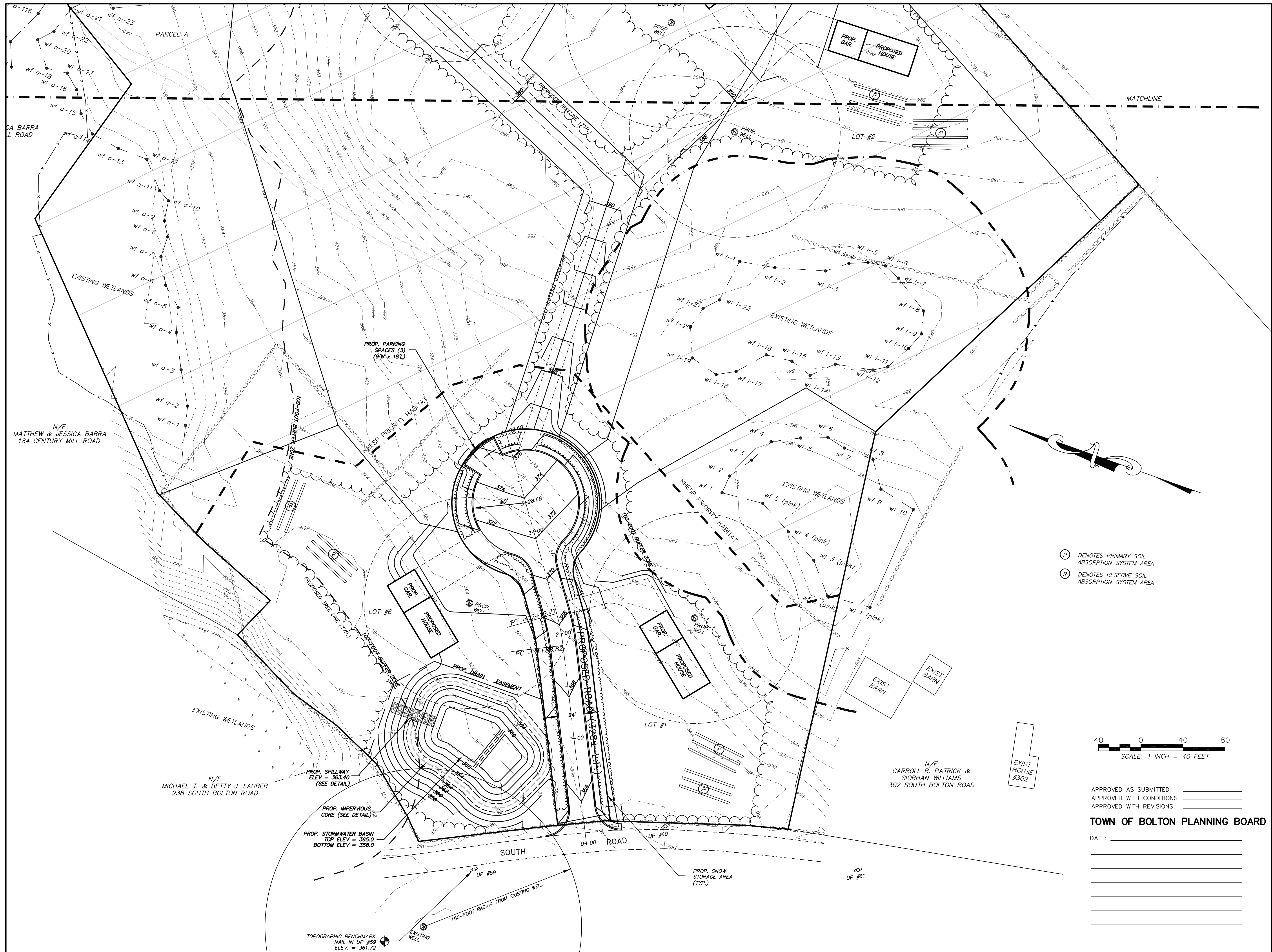
**EXISTING CONDITIONS PLAN**  
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**PROPERTY OFF SOUTH BOLTON ROAD**  
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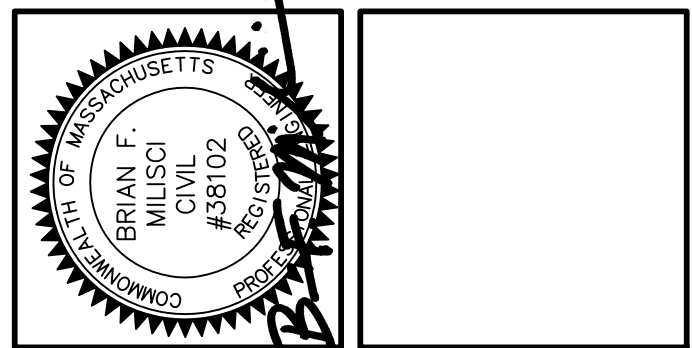


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DRAWN BY:	BFM
DATE:	JULY 15, 2022
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SHEET NUMBER:	5
OF	14
JOB NUMBER:	7399
COMPS:	8344
PLAN NUMBER:	29-D-28
FIELD BOOK REF(S):	

NO.	DESCRIPTION	DATE	BY
3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	11/08/22	BFM
2	REVISE GUL-DE-SAC	10/27/22	BFM
1	PER DPW COMMENTS	09/08/22	BFM

**PROPOSED SITE & GRADING PLAN**  
 FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
 IN  
**BOLTON, MASSACHUSETTS**

PREPARED FOR:  
 DANIEL MOTHIA  
 3036 CENTER STREET  
 MIAMI, FLORIDA 33133  
 (508) 494-9637



- (P) DENOTES PRIMARY SOIL ABSORPTION SYSTEM AREA
- (R) DENOTES RESERVE SOIL ABSORPTION SYSTEM AREA



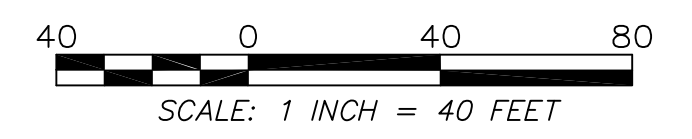
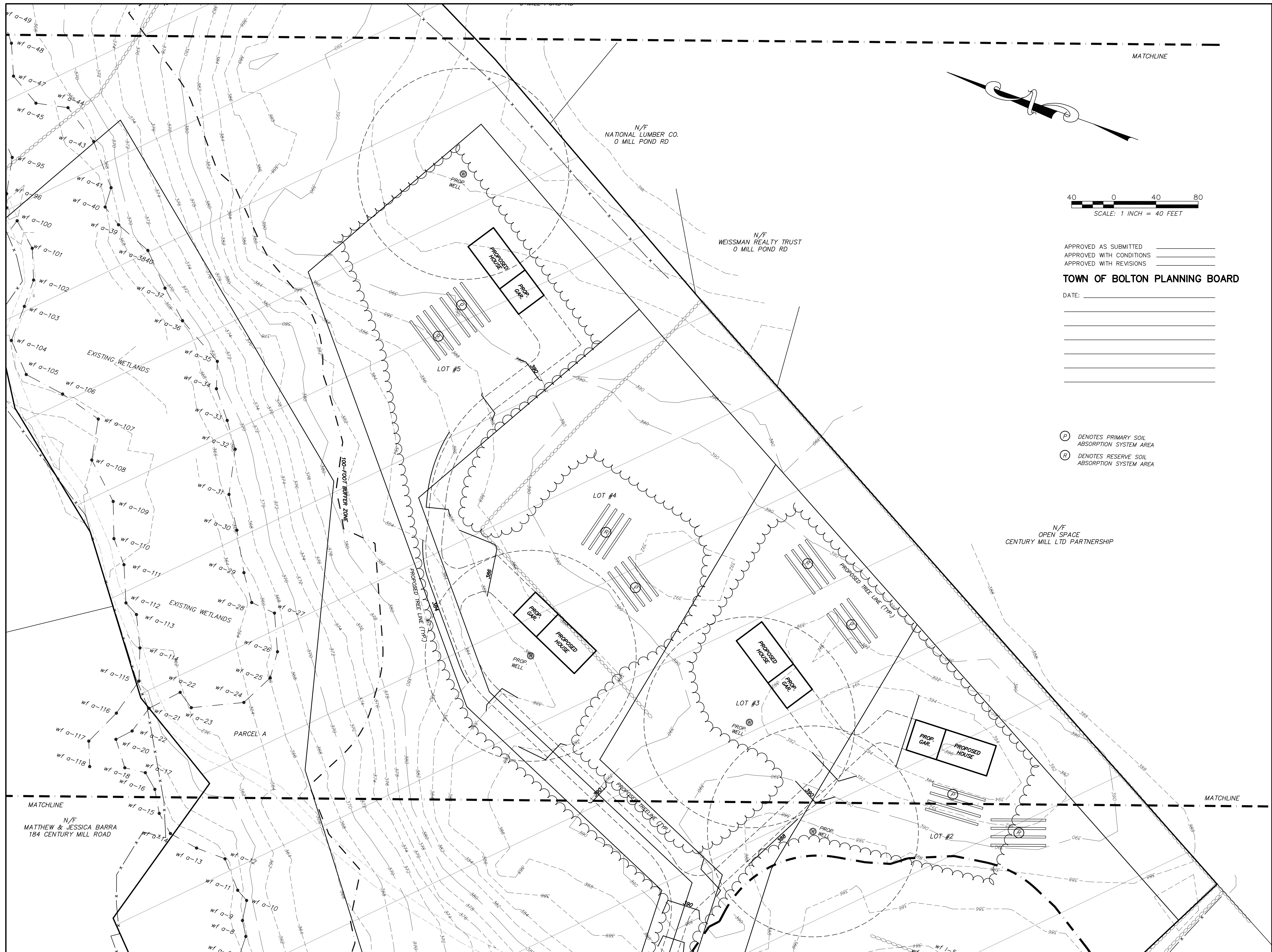
APPROVED AS SUBMITTED \_\_\_\_\_  
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 APPROVED WITH REVISIONS \_\_\_\_\_

**TOWN OF BOLTON PLANNING BOARD**

DATE: \_\_\_\_\_  
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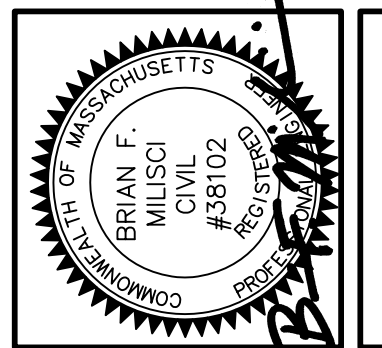
- (P) DENOTES PRIMARY SOIL ABSORPTION SYSTEM AREA
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CHECKED BY: JER	DRAWN BY: BFM
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JOB NUMBER: 7399	SHEET NUMBER: 6 OF 14
PLAN NUMBER: 29-D-28	COMPS: 8344
FIELD BOOK REF(S):	PLAN REF(S):

NO.	DESCRIPTION	DATE	BY
3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	11/08/22	BFM
2	REVISE GUL-DE-SAC	10/27/22	BFM
1	PER DPW COMMENTS	09/08/22	BFM

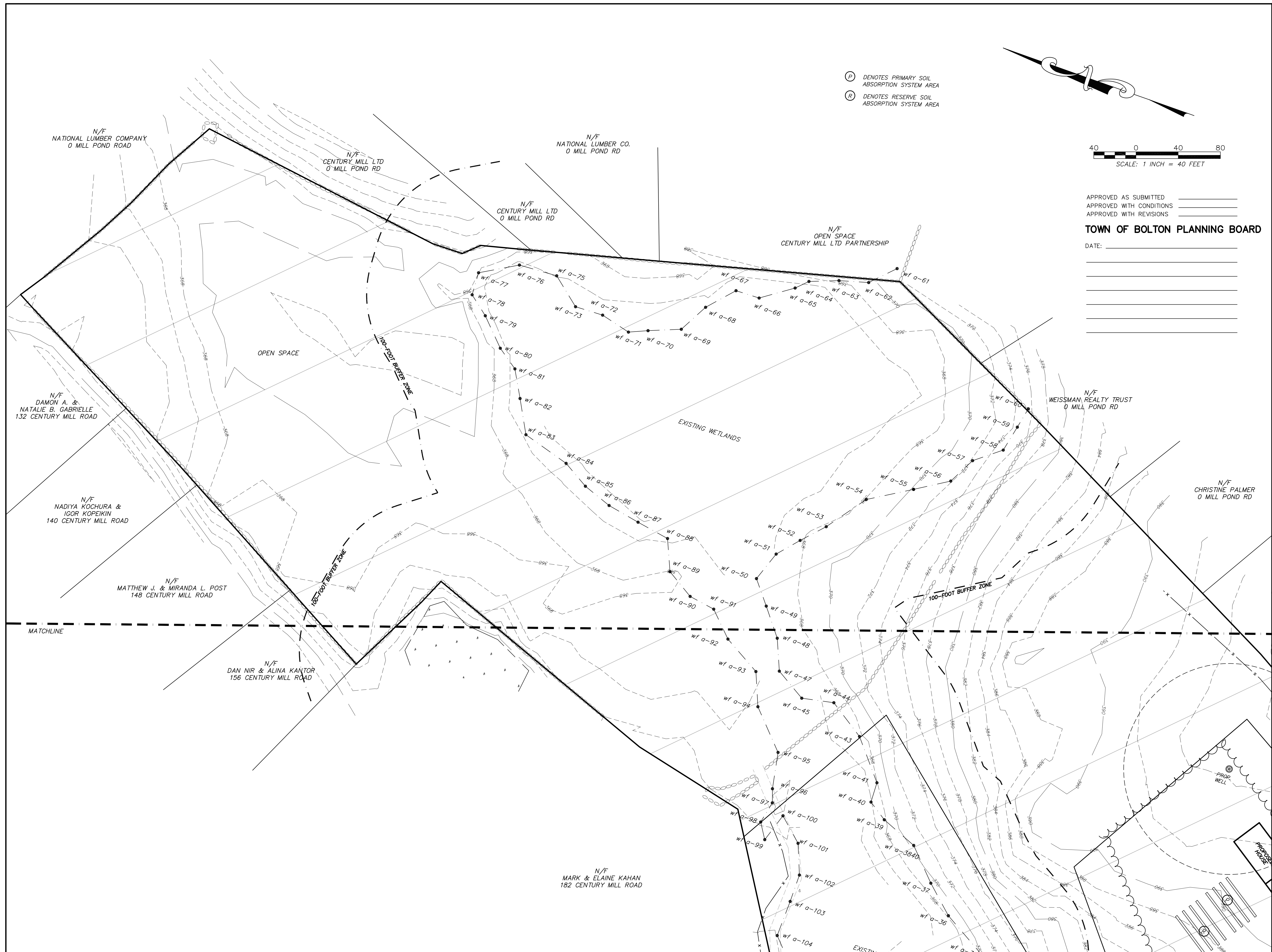
**PROPOSED SITE & GRADING PLAN**  
 FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
 IN  
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PREPARED FOR:  
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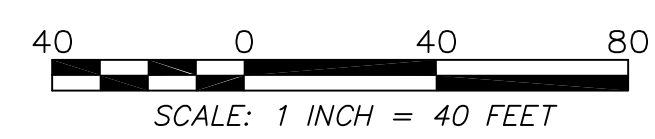


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**TOWN OF BOLTON PLANNING BOARD**

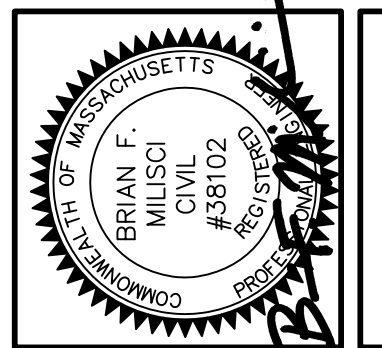
DATE: \_\_\_\_\_  
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CHECKED BY:	JER
SCALE:	1" = 40'
JOB NUMBER:	7399
PLAN NUMBER:	29-D-28
FIELD BOOK REF(S):	

NO.	DESCRIPTION	DATE	BY
3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	11/08/22	BFM
2	REVISE GUL-DE-SAC	10/27/22	BFM
1	PER DPW COMMENTS	09/08/22	BFM

**PROPOSED SITE & GRADING PLAN**  
 FOR  
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PREPARED FOR:  
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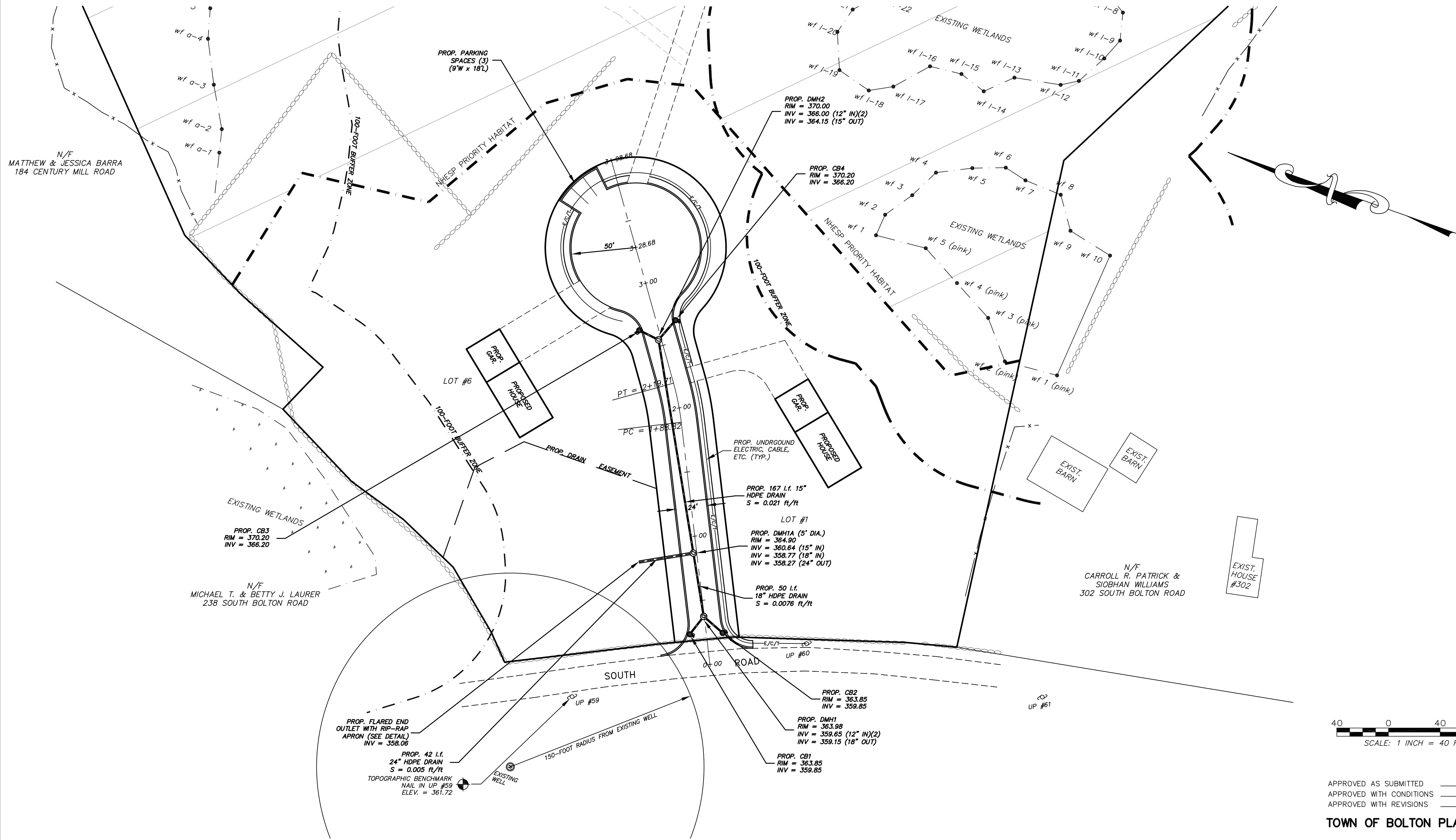


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**CUL-DE-SAC NOTE:**

THE CUL-DE-SAC AS CURRENTLY SHOWN SHOWS A DEAD END TURNAROUND WITH A 100-FT OUTSIDE PAVEMENT DIAMETER (50-FT RADIUS) WITHOUT A LANDSCAPED ISLAND. APPROXIMATE PAVEMENT AREA WITHOUT CENTER ISLAND IS 7,854 SQUARE FEET. APPROXIMATE PAVEMENT AREA WITH A CENTER LANDSCAPED ISLAND IS 9,346 SQUARE FEET (120-FT OUTSIDE PAVEMENT DIAMETER WITH A 50-FT INSIDE PAVEMENT DIAMETER)

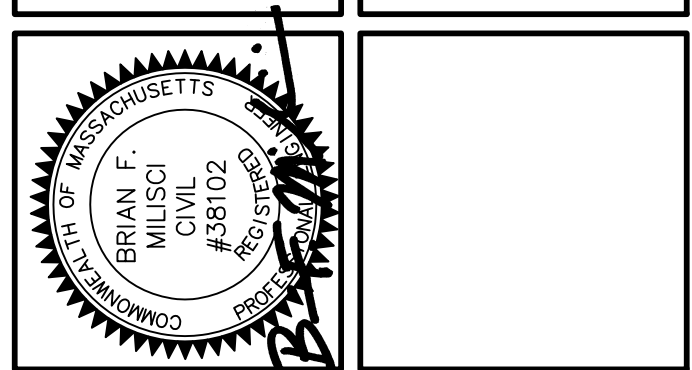


CHECKED BY: JER	SCALE: 1" = 40'	JOB NUMBER: 7399	PLAN NUMBER: 29-D-28	FIELD BOOK REF(S):
DRAWN BY: BFM	DATE: JULY 15, 2022	SHEET NUMBER: 8 OF 14	COMPS: 8344	PLAN REF(S):

NO.	DATE	DESCRIPTION	BY
3	11/08/22	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	BFM
2	10/27/22	REVISE CUL-DE-SAC	BFM
1	09/08/22	PER DPW COMMENTS	BFM

**PROPOSED ROADWAY PLAN FOR PROPERTY OFF SOUTH BOLTON ROAD IN BOLTON, MASSACHUSETTS**

PREPARED FOR:  
DANIEL MOTHIA  
3036 CENTER STREET  
MIAMI, FLORIDA 33133  
(508) 494-9637



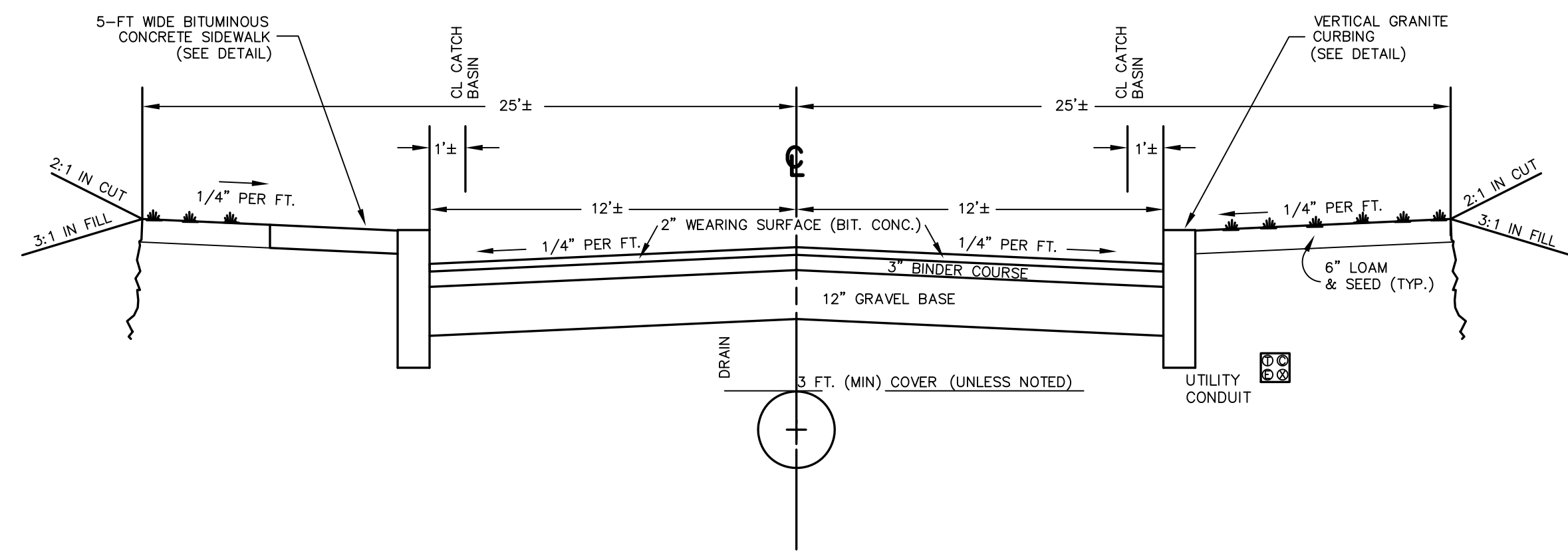
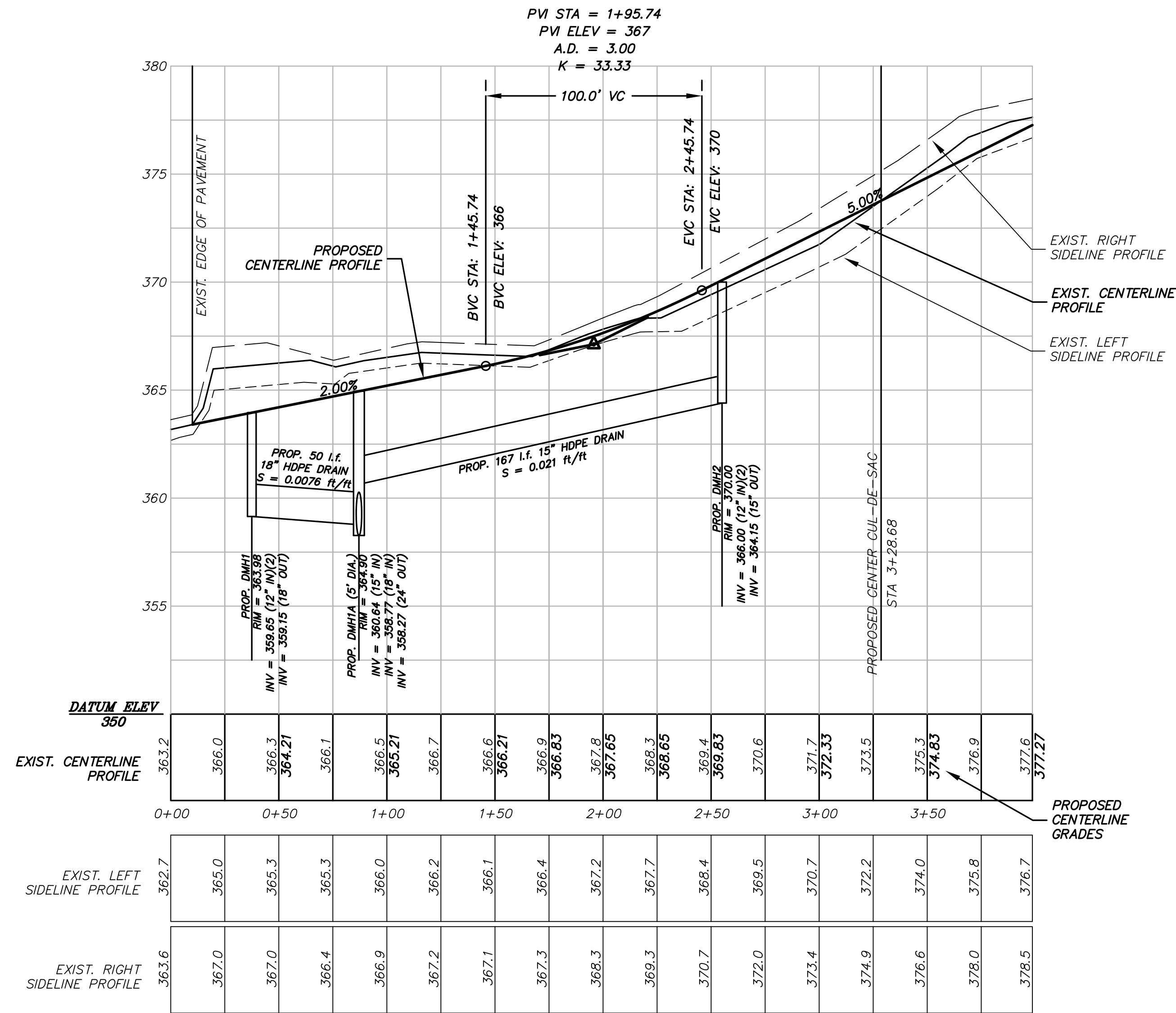
APPROVED AS SUBMITTED \_\_\_\_\_  
 APPROVED WITH CONDITIONS \_\_\_\_\_  
 APPROVED WITH REVISIONS \_\_\_\_\_

**TOWN OF BOLTON PLANNING BOARD**

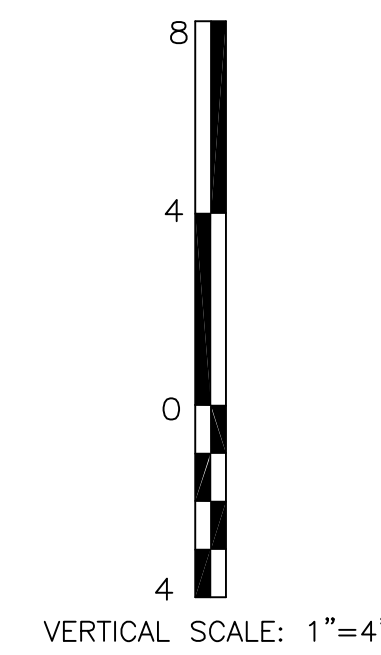
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**HALEY WARD**  
 ENGINEERING | ENVIRONMENTAL | SURVEYING  
 510 MECHANIC STREET  
 LEOMINSTER, MASSACHUSETTS 01453  
 TEL. (978) 537-5296  
 FAX. (978) 537-1423





ROADWAY CROSS-SECTION  
NO SCALE



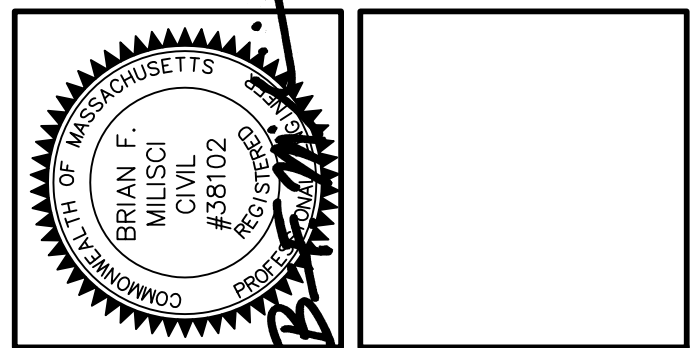
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**TOWN OF BOLTON PLANNING BOARD**  
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DRAWN BY: BFM	DATE: JULY 15, 2022	SHEET NUMBER: 9 OF 14	COMPS: 8344	PLAN REF(S):

NO.	DATE	DESCRIPTION
3	11/08/22	SHOW SEPTIC AREAS, WELLS, PARKING SPACES
2	10/27/22	REVISE GUL-DE-SAC
1	09/08/22	PER DPW COMMENTS
NO.		

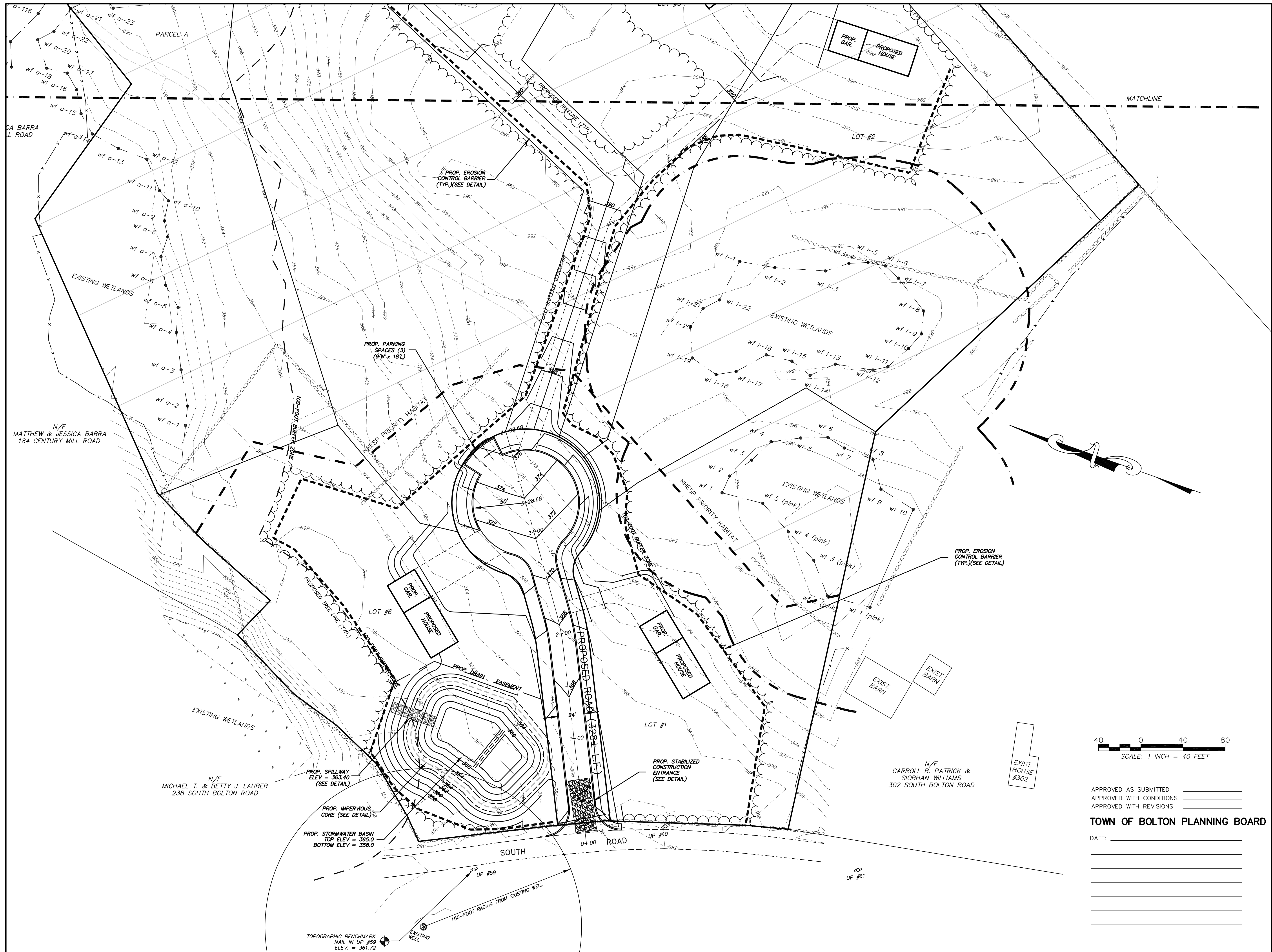
**PROPOSED ROADWAY PROFILE**  
 FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
 IN  
**BOLTON, MASSACHUSETTS**

PREPARED FOR:  
 DANIEL MOTHIA  
 3036 CENTER STREET  
 MIAMI, FLORIDA 33133  
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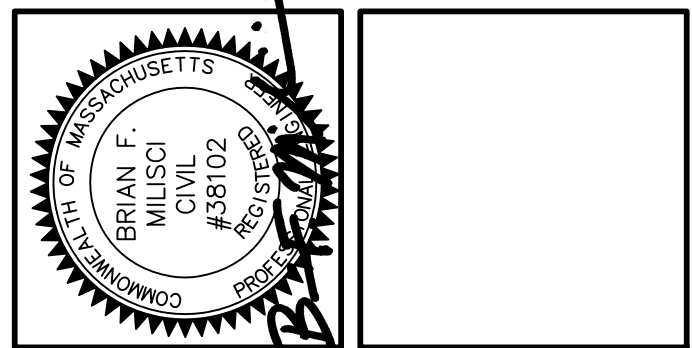


CHECKED BY:	JER
DRAWN BY:	BFM
DATE:	JULY 15, 2022
SHEET NUMBER:	10 OF 14
SCALE:	1" = 40'
JOB NUMBER:	7399
COMPS:	8344
PLAN NUMBER:	29-D-28
PLAN REF(S):	
FIELD BOOK REF(S):	

REVISIONS	
NO.	DESCRIPTION
3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES
2	REVISE GUL-DE-SAC
1	PER DPW COMMENTS

**PROPOSED EROSION CONTROL PLAN**  
 FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
 IN  
**BOLTON, MASSACHUSETTS**

PREPARED FOR:  
 DANIEL MOTHIA  
 3036 CENTER STREET  
 MIAMI, FLORIDA 33133  
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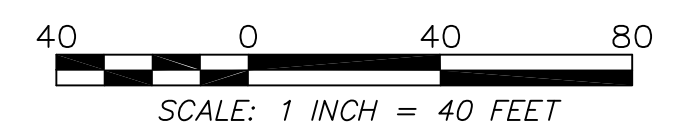
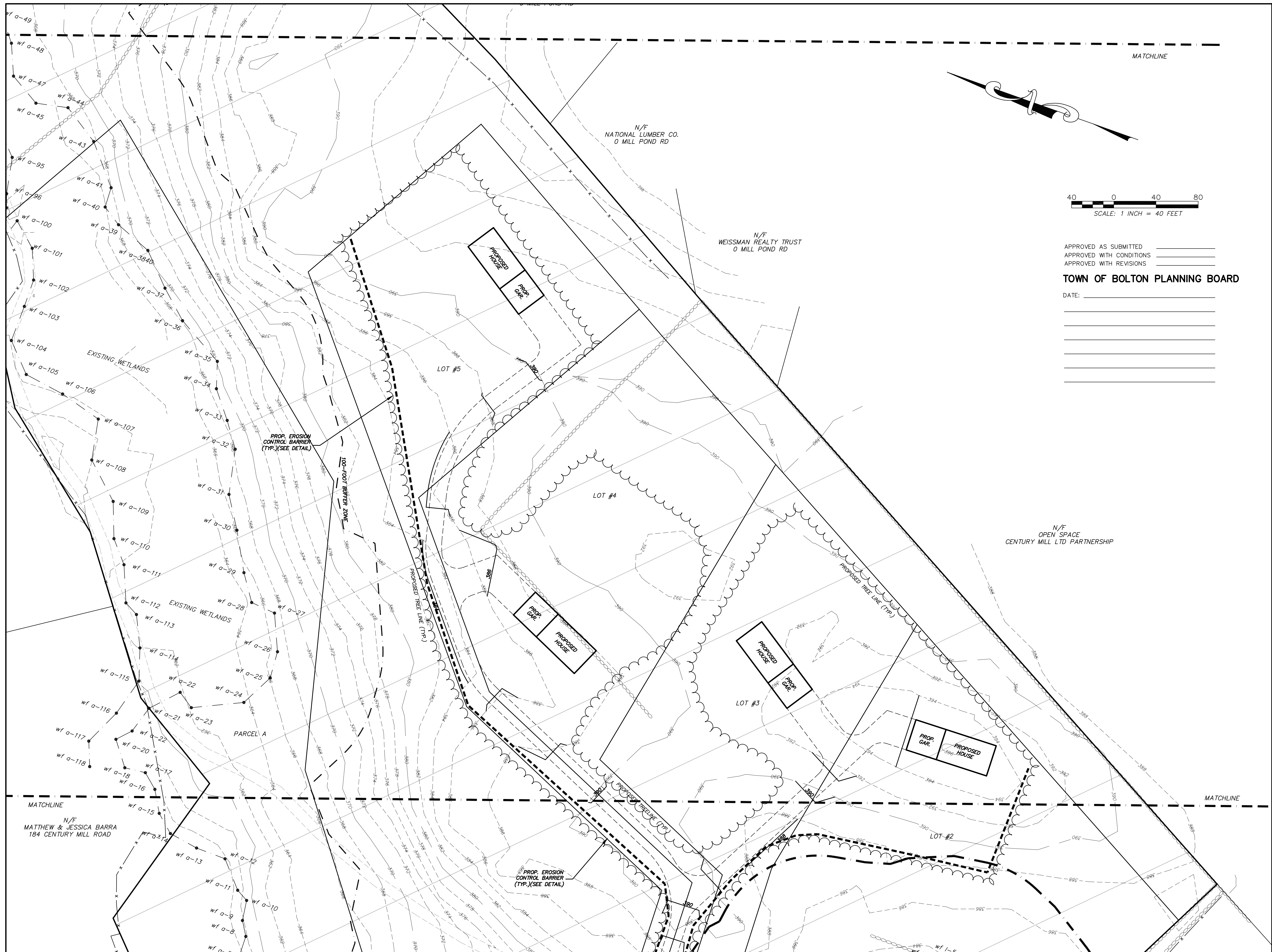
APPROVED AS SUBMITTED \_\_\_\_\_  
 APPROVED WITH CONDITIONS \_\_\_\_\_  
 APPROVED WITH REVISIONS \_\_\_\_\_

**TOWN OF BOLTON PLANNING BOARD**

DATE: \_\_\_\_\_  
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APPROVED AS SUBMITTED \_\_\_\_\_  
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**TOWN OF BOLTON PLANNING BOARD**

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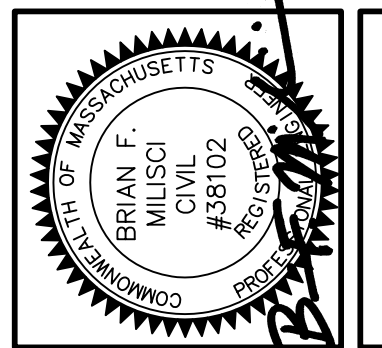
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CHECKED BY: JER	DRAWN BY: BFM
SCALE: 1" = 40'	DATE: JULY 15, 2022
JOB NUMBER: 7399	SHEET NUMBER: 11 OF 14
PLAN NUMBER: 29-D-28	COMPS: 8344
FIELD BOOK REF(S):	PLAN REF(S):

NO.	DESCRIPTION	DATE	BY
3	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	11/08/22	BFM
2	REVISE GUL-DE-SAC	10/27/22	BFM
1	PER DPW COMMENTS	09/08/22	BFM

**PROPOSED EROSION CONTROL PLAN**  
 FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
 IN  
**BOLTON, MASSACHUSETTS**

PREPARED FOR:  
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# CONSTRUCTION NOTES

## GENERAL

- PROPERTY LINES SHOWN HEREON ARE THE RESULT OF AN ON-THE-GROUND PROPERTY LINE SURVEY PERFORMED BY HALEY WARD, INC.
- TOPOGRAPHY SHOWN ON THESE PLANS IS THE RESULT OF AN ON-THE-GROUND TOPOGRAPHIC SURVEY PERFORMED BY HALEY WARD, INC. DURING FALL 2021. ANY ALTERATIONS TO THE TOPOGRAPHY AFTER THIS DATE MAY NOT BE REFLECTED ON THIS PLAN. ALL ELEVATIONS REFER TO NGVD OF 1988.
- UNLESS SPECIFIED OTHERWISE, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MASSACHUSETTS D.P.W. SPECIFICATIONS OF HIGHWAYS AND BRIDGES AS LAST REVISED, THE TOWN OF BOLTON PUBLIC WORKS DEPT. AND/OR THE APPROPRIATE LOCAL AUTHORITIES.
- \*\*\*\*\*DIG SAFE NOTE\*\*\*\*\*  
IN ACCORDANCE WITH MGL CH 82, SEC. 40 INCLUDING AMENDMENTS, ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING, OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS.) OR CALL "DIG SAFE" AT 811.
- EXISTING UTILITY ELEVATIONS AND LOCATIONS SHOWN SHALL BE CONSIDERED APPROXIMATE ONLY. ALL UTILITY ELEVATIONS AND LOCATIONS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, SHALL BE REPAIRED/REPLACED AS NECESSARY IF DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGN ENGINEER AS SOON AS POSSIBLE.
- RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY, AT NO ADDITIONAL COST TO THE OWNER.
- ALL SLOPES UNLESS OTHERWISE SPECIFIED, SHALL BE LOAMED AND SEEDED AS SOON AS POSSIBLE FOR STABILIZATION AND TO PREVENT EROSION. SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH AN EROSION CONTROL BLANKET.
- TEST PITS SHALL BE PERFORMED IN THE AREAS WHERE CROSSING EXISTING UTILITIES IS TO BE PERFORMED PRIOR TO CONSTRUCTION TO VERIFY UTILITY DEPTHS. ADDITIONAL TEST PITS IN OTHER AREAS MAY BE REQUIRED AS DIRECTED BY ENGINEER OR LOCAL APPROVING AUTHORITY. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER AT TIME OF TEST PITS.
- ADDITIONAL BENCHMARKS TO BE SET BY CONTRACTOR PRIOR TO CONSTRUCTION TO ENSURE QUALITY WORKMANSHIP.
- ANY DEVIATIONS I.E. "FIELD CHANGES" FROM THE DESIGN PLANS MUST BE APPROVED BY THE DESIGN ENGINEER IN WRITING. CONTRACTOR SHOULD BE AWARE THAT LOCAL AND STATE AUTHORITIES HAVE JURISDICTION AND APPROVALS MUST BE OBTAINED THROUGH THEIR RESPECTIVE OFFICE(S) PRIOR TO CONSTRUCTION. HALEY WARD, INC. ASSUMES NO LIABILITY OR RESPONSIBILITY WHATSOEVER FOR WORK COMPLETED WITHOUT REGARD TO THE ABOVE REQUIRED "FIELD CHANGE" PROCEDURE.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSURANCES THAT MAY BE REQUIRED ON THIS PROJECT. ALL ORDERS OF CONDITIONS, STREET OPENING REQUIREMENTS, AND OTHER REQUIREMENTS UNDER PERMITTING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THESE PLANS CONTAINED HEREIN SHALL SUPERSEDE ANY AND ALL PREVIOUS DESIGNS PREVIOUSLY PREPARED FOR THE SUBJECT SITE.
- DAILY AND PROPER MAINTENANCE OF ALL DITCHES AND EXCAVATIONS ARE REQUIRED. TEMPORARY AND PERMANENT PATCH PER SPECIFICATIONS AND THESE PLANS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. UNDER NO CIRCUMSTANCES, ANY EXCAVATION OR DITCH SHALL BE LEFT UNCOVERED, NOT PROPERLY PATCHED, LEFT NOT MAINTAINED OR IN IMPROPER SURFACE CONDITION.
- ANY STILLING AND/OR DETENTION BASINS SHOULD RECEIVE PERIODIC MAINTENANCE TO REMOVE DEPOSITED SILTS AND DEBRIS TO INSURE PROPER DRAINAGE AND SETTLING OF PARTICULATE MATTER.
- ALL EXCESS MATERIALS I.E., SOIL, LEDGE, WATER, AND GENERAL DEBRIS, WILL BE REMOVED AND DISPOSED BY THE CONTRACTOR OFF SITE AT THE CONTRACTOR'S EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.
- BORINGS HAVE NOT BEEN DONE TO DETERMINE THE PRESENCE OF LEDGE.

## SEEDING

- ALL UNSURFACED AREAS ARE TO RECEIVE TOPSOIL, SEED, MULCH AS REQUIRED AND WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- SEED UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS, CONTRACTOR SHALL PROVIDE KENTUCKY 31 FESCUE WITH 97% PURITY AND A GERMINATION OF 90%. FOR QUICK-COVER GRASSES ONLY, ANNUAL RYE GRASS WITH GERMINATION OF 90% SHALL BE USED, UNLESS NOTED OTHERWISE ON THE DRAWINGS. FOR HIGHWAY RIGHT-OF-WAY AREAS, USE D.O.T. APPROVED GRASS ONLY. SEED TO BE APPLIED AT A RATE OF 10 LBS/1000 S.F. WITH MULCH AT A RATE OF 75 LBS PER 1000 S.F. AFTER SEEDING.

## LEGEND

EXISTING CONTOURS		SEWER MANHOLE	
		DRAIN MANHOLE	
PROPOSED CONTOURS		ELECTRIC MANHOLE	
PROPERTY LINES		WATER MANHOLE	
EDGE OF WETLANDS		TELEPHONE MANHOLE	
100' BUFFER ZONE		CATCH BASIN	
EXISTING SEWER		UTILITY POLE	
EXISTING DRAIN		FIRE HYDRANT	
EXISTING WATER		WATER VALVE	
GAS LINE		WATER SHUT OFF	
UNDERGROUND UTILITIES		GAS VALVE	
UNDERGROUND ELECTRIC		SUBSURFACE BORING	
FORCE MAIN		PROP. STREET LIGHT	
UNDERGROUND TELEPHONE		PROP. BOUND	
EXIST. EDGE OF PAVEMENT			
BITUMINOUS CONCRETE BERM			
GRANITE CURB			
PROPOSED SEWER			
PROPOSED DRAIN			
GUARDRAIL			
SILT FENCE/HAYBALES			
EDGE OF WOODS			
EXISTING FENCE			

## SITE WORK

- CONSTRUCTION ACTIVITY MAY TAKE PLACE ONLY DURING HOURS AS SPECIFIED BY THE APPROPRIATE OFFICIAL OF THE TOWN OF BOLTON.
  - ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST, FROZEN MATERIAL, TRASH, AND DEBRIS PRIOR TO FILL PLACEMENT.
  - PLACE FILL MATERIAL IN HORIZONTAL LAYERS NOT EXCEEDING EIGHT INCHES (8") IN LOOSE DEPTH AND COMPACT EACH LAYER AT OPTIMUM MOISTURE CONTENT OF FILL MATERIAL TO DENSITY EQUAL TO ORIGINAL ADJACENT GROUND, UNLESS SUBSEQUENT EXCAVATION FOR NEW WORK IS REQUIRED.
  - GRADE SURFACE TO MATCH ADJACENT GRADES AND TO PROVIDE FLOW TO SURFACE DRAINAGE STRUCTURES AFTER FILL PLACEMENT AND COMPACTION.
  - ROADWAY FILL SHALL BE COMPACTED IN HORIZONTAL LAYERS NOT EXCEEDING 6" IN LOOSE DEPTH AND COMPACTION TO 98% OF THE MAXIMUM DRY DENSITY (STANDARD PROCTOR).
- CAUTION - NOTICE TO CONTRACTOR THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS OR NOT AT NO ADDITIONAL EXPENSE TO OWNER.
  - FINISH GRADING  
GRADE ALL AREAS WHERE FINISH GRADE ELEVATIONS ARE INDICATED ON DRAWINGS, OTHER THAN PAVED AREAS AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS. GRADED AREAS SHALL BE UNIFORM AND SMOOTH, FREE OF DEBRIS, OR IRREGULAR SURFACE CHANGES. FINISHED SUB GRADE SURFACE SHALL NOT BE MORE THAN 0.10 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUB GRADE ELEVATIONS, AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISH DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL.
  - THE CONTRACTOR IS RESPONSIBLE FOR GENERAL CLEANUP OF THE PROJECT ON A DAILY BASIS AND AT THE COMPLETION OF THE PROJECT. OPEN TRENCHES, DITCHES, EXCAVATIONS, ETC. SHALL NOT BE PERMITTED TO BE LEFT OPEN OVERNIGHT. CONTRACTOR WILL BACK FILL OR UTILIZED SUITABLE STEEL PLATES FOR THE SECURING OF THE PROJECT SITE PRIOR TO CEASING WORK IN THAT PARTICULAR SECTION OF THE PROJECT.
  - APPROPRIATE TRAFFIC CONTROL I.E. SIGNAGE, BARRICADES, AND OTHER MEANS WILL BE SUPPLIED BY THE CONTRACTOR AND ACCORDING TO ALL FEDERAL, STATE AND LOCAL AGENCIES AT NO ADDITIONAL COST TO OWNER.
  - UNDER NO CIRCUMSTANCES WILL ANY UTILITY, STRUCTURE, OR REPAIR BE BACK FILLED UNLESS INSPECTED AND APPROVED BY THE TOWN OF RUTLAND OR ITS DESIGNATE. THIS WILL NOT RELEASE THE CONTRACTOR FROM ANY RESPONSIBILITY OR LIABILITY AS A RESULT OF PERFORMANCE TESTS THAT ARE REQUIRED AS PART OF THIS PROJECT.
  - DUE TO THE POSSIBILITY OF DEEP TRENCHES, PROPER SHORING AND/OR THE USE OF TRENCH BOXES SHALL BE UTILIZED AS DIRECTED BY LOCAL, STATE, AND/OR FEDERAL REGULATORY AGENCIES TO PROVIDE FOR A SAFE WORKING ENVIRONMENT.
  - ALL UTILITIES SHOWN OR NOT SHOWN ON THE PLAN(S) WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED OR MOVED AS REQUIRED BY THE THE CONTRACTOR (SEE SITE WORK NOTE #2 AND GENERAL NOTE #5), AT NO ADDITIONAL COST TO THE OWNER.
  - ALL DRAINAGE PIPE SHALL BE CORRUGATED EXTERIOR, SMOOTH INTERIOR HIGH DENSITY POLYETHYLENE (HDPE), UNLESS OTHERWISE SPECIFIED.
  - USE OF EXPLOSIVES
    - COMPLY WITH ALL LAWS, RULES, AND REGULATIONS OF FEDERAL, STATE, AND LOCAL AUTHORITIES AND INSURER WHICH GOVERN STORAGE, USE, MANUFACTURE, SALE, HANDLING, TRANSPORTATION, LICENSING, OR OTHER DISPOSITION OF EXPLOSIVES. TAKE SPECIAL PRECAUTIONS FOR PROPER USE OF EXPLOSIVES TO PREVENT HARM TO HUMAN LIFE AND DAMAGE TO SURFACE STRUCTURES, ALL UTILITY LINES, OR OTHER SUBSURFACE STRUCTURES. DO NOT CONDUCT BLASTING OPERATIONS UNTIL PERSONS IN VICINITY HAVE HAD AMPLE NOTICE AND HAVE REACHED POSITIONS OF SAFETY.
    - BLASTING OF ANY ROCK SHALL REQUIRE APPROPRIATE APPROVALS FROM THE TOWN OF BOLTON FIRE DEPARTMENT, PLANNING BOARD, BUILDING INSPECTOR AND/OR OTHER AGENCIES, PRIOR TO COMMENCEMENT OF WORK. FIRE DEPARTMENT MUST BE NOTIFIED AT LEAST 48 HOURS PRIOR TO BLASTING.  
AT THE DISCRETION OF THE FIRE DEPARTMENT, BLASTING MAY NEED TO BE MONITORED WITH A INDEPENDENTLY SUPERVISED SEISMOGRAPH.  
ALL BLASTED ROCK OR OTHER EXCESS MATERIALS WILL BE REMOVED DISPOSED OF PROPERLY EITHER OFF-SITE OR ON-SITE, AT NO ADDITIONAL COST TO THE OWNER.
- PROTECTIONS
  - PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, TREES OR VEGETATION.
  - PROTECT IMPROVEMENTS ON ADJOINING PROPERTIES AND ON OWNER'S PROPERTY.
  - RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
  - CONDUCT OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. STREETS AND ROADWAYS SHALL BE THOROUGHLY CLEANED AND/OR SWEEPED ON A DAILY BASIS OR MORE FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY.

APPROVED AS SUBMITTED \_\_\_\_\_  
 APPROVED WITH CONDITIONS \_\_\_\_\_  
 APPROVED WITH REVISIONS \_\_\_\_\_

## TOWN OF BOLTON PLANNING BOARD

DATE: \_\_\_\_\_  
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## GENERAL EROSION CONTROL NOTES:

- THE EROSION CONTROL PLAN DEPICTS THE REQUIRED SOIL EROSION CONTROL MEASURES. THE SITE SUBCONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN SUCH A MANNER THAT:
  - SOIL EROSION IS KEPT TO A MINIMUM.
  - NO SEDIMENT LEAVES THE CONSTRUCTION SITE PROPERTY.
  - ALL POSSIBLE MEASURES ARE EMPLOYED TO PREVENT SEDIMENT FROM ENTERING DRAINAGE COURSES EVEN BEYOND THE DETAILS SHOWN ON THIS PLAN IF NECESSARY.
- THE SITE SUBCONTRACTOR IS RESPONSIBLE FOR ALL SILTATION RESULTING FROM EROSION OR SEDIMENTATION FROM THE SITE TO SURROUNDING PROPERTIES OR WATER BODIES DURING CONSTRUCTION AS A RESULT OF THIS PROJECT.
- LOAM AND SEED ALL DISTURBED AREAS AT THE EARLIEST TIME POSSIBLE. USE WINTER SEED RATES AND SPECIFICATIONS IF APPROPRIATE.
- INSPECT SOIL EROSION MEASURES WEEKLY AND AFTER SIGNIFICANT STORM EVENTS. MAKE ALL NECESSARY REPAIRS TO FACILITIES AS SOON AS POSSIBLE BUT NO LONGER THAN TWO DAYS. CLEAN AND RESET SILT FENCES WHICH ACCUMULATE SEDIMENT AND OTHER DEBRIS.
- PROTECT AND STABILIZE ALL AREAS NOT SCHEDULED FOR EROSION, PREVENTION OR STABILIZATION, BUT THAT SHOW SIGNS OF EROSION. NOTIFY ENGINEER OF ANY SIGNIFICANT EROSION PROBLEM.
- TEMPORARILY SEED, WITHIN 7 DAYS, ANY AREA WHICH WILL BE LEFT UNDISTURBED FOR MORE THAN 14 DAYS WITH TEMPORARY SEED MIX. PERMANENTLY SEED ANY AREA WHICH CAN BE LOAMED AS SOON AS POSSIBLE WITH PERMANENT SEED MIX LISTED BELOW. DO NOT USE PERMANENT SEED MIX AFTER SEPTEMBER 30.
- FOLLOW EROSION CONTROL BARRIER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS FOR INSTALLATION OF EROSION CONTROL BARRIER. SECURE ENTIRE BOTTOM OF SILT FENCE BY BURYING BOTTOM OF FENCE IN A TRENCH, REFER TO SILT FENCE DETAILS.

## CONSTRUCTION SEQUENCE AND EROSION CONTROL:

- CONSTRUCT EROSION CONTROL BARRIER(S) AS DEPICTED ON THE DESIGN PLANS.
- CLEAR AND GRUB TO LIMITS OF CUT AND FILL.
- CONSTRUCT AND STABILIZE PERIMETER SLOPES AND TREATMENT SWALES.
- CONSTRUCT TEMPORARY SEDIMENT AND EROSION CONTROL FACILITIES. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF EARTHWORK OPERATIONS. TEMPORARY SEDIMENT BASINS SHOULD BE CONSTRUCTED AT LOCATION OF STORMWATER BASINS, AND BEYOND THOSE SHOWN ON THIS PLAN, AS SITE CONDITIONS WARRANT ADDITIONAL PROTECTION FROM SEDIMENT TRANSPORT.
- THE SITE SUBCONTRACTOR SHALL MAINTAIN SEDIMENTATION AND EROSION CONTROL DEVICES THROUGHOUT THE PROJECT SITE FOR THE DURATION OF THE CONSTRUCTION.
- ALL SLOPES 2:1 AND STEEPER SHALL BE STABILIZED WITH EROSION CONTROL BLANKETS OR EQUAL WITHIN 72 HOURS OF THEIR COMPLETION.
- ALL SWALES AND DITCHES WITH SLOPES EXCEEDING 5% SHALL BE TREATED WITH JUTE MATTING.
- CONSTRUCT SLOPED AREAS & SIDE SLOPES. BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDING AND MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION.
- CONSTRUCT TEMPORARY DIVERSION CHANNELS AS REQUIRED.
- CONSTRUCT TEMPORARY BERMS, DRAINAGE DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC. MULCH AND SEED AS REQUIRED.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES DAILY.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- REMOVE TEMPORARY CONTROL MEASURES ONCE EXPOSED AREAS ARE STABILIZED AND PERMANENT EROSION AND SEDIMENT FACILITIES ARE INSTALLED AND ACCOMPLISH FINAL CLEAN UP.  
  
AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:  
 A. BASE COURSE GRAVELS ARE INSTALLED IN AREAS TO BE PAVED.  
 B. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED.  
 C. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS BEEN ESTABLISHED.  
 D. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- PRIOR TO CONVERTING SEDIMENT BASINS TO STORMWATER BASINS, ALL DISTURBED AREAS SHOULD BE STABILIZED AND ACCUMULATED SEDIMENT REMOVED FROM THE BASINS. NO SEDIMENT IS ALLOWED TO ERODE FROM THE SITE OR BE FLUSHED INTO A STREAM OR DRAINAGEWAY. THE STORMWATER BASINS CAN THEN BE CONSTRUCTED PER THE PLAN WHEN NO FURTHER SEDIMENT IS BEING DIRECTED TO THEIR LOCATIONS AND ARE NO LONGER NEEDED AS SEDIMENT BASINS.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITH GRASS OR MULCH.
- THE LENGTH OF TIME AN AREA CAN BE DISTURBED AND UNSTABILIZED IS 45 DAYS.
- ALL DITCHES AND SWALES TO BE STABILIZED PRIOR TO DIRECTING RUN-OFF TO THEM.
- THE SEQUENCE OF CONSTRUCTION MAY OVERLAP AND VARY AS NECESSARY.

## WINTER CONSTRUCTION NOTES:

- ALL PROPOSED POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY NOVEMBER 15, OR WHICH ARE DISTURBED AFTER NOVEMBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 4:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE. SECURED WITH ANCHORED NETTING, ELSEWHERE. THE PLACEMENT OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY NOVEMBER 15, OR WHICH ARE DISTURBED AFTER NOVEMBER 15, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.

## GENERAL SEEDING NOTES:

- USE PERMANENT SEED MIXES AND RATES BETWEEN 5/15 AND 9/30
- USE TEMPORARY SEED MIXES FOR PERIODS LESS THAN 12 MONTHS. IF USING TEMPORARY SEED MIXES AND RATES BETWEEN 10/01 AND 5/14, RE-SEED WITH PERMANENT SEED MIX AFTER 5/15.
- SEED BED PREPARATION:
  - SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
  - STONES LARGER THAN 4 INCHES AND TRASH SHOULD BE REMOVED.

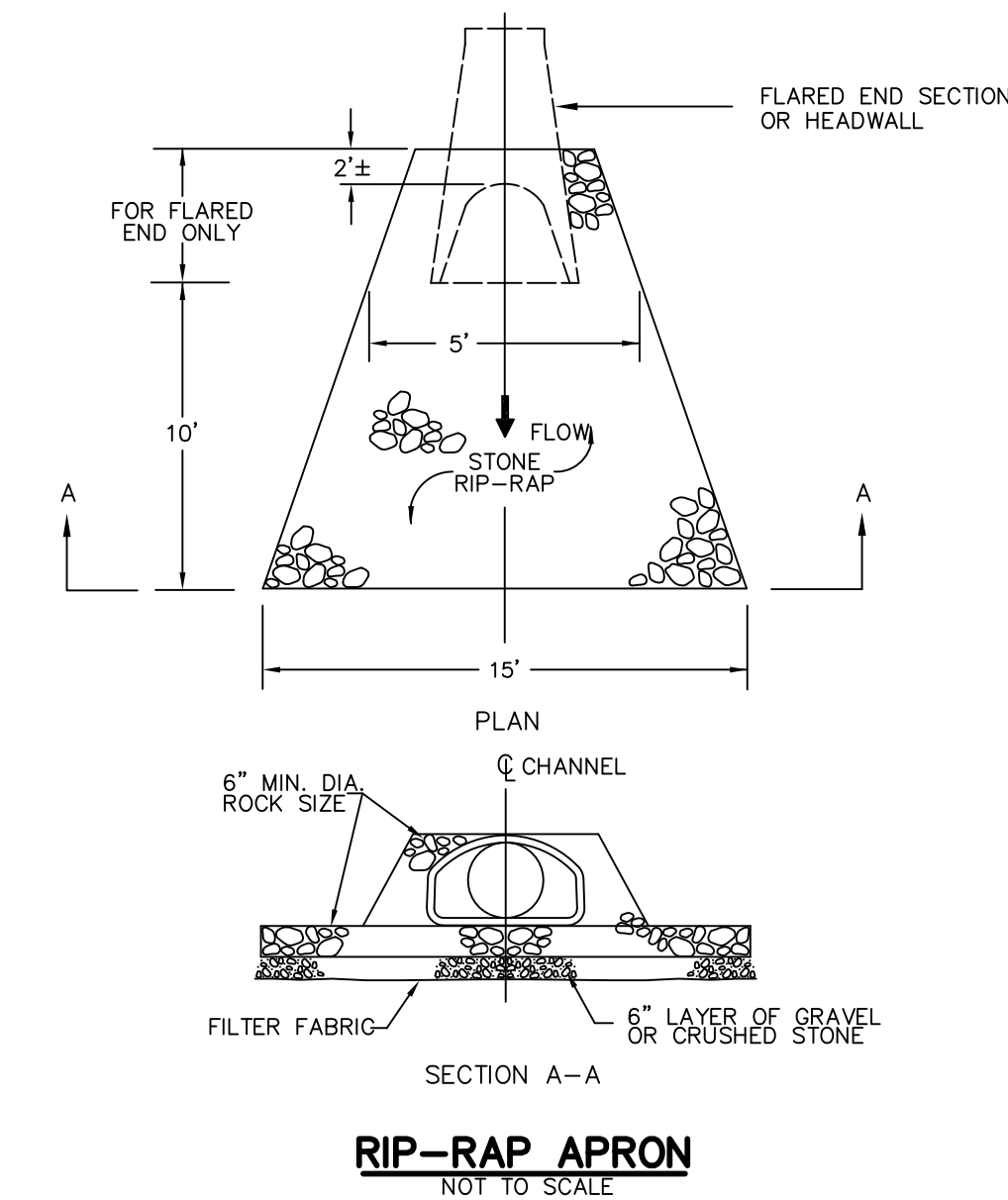
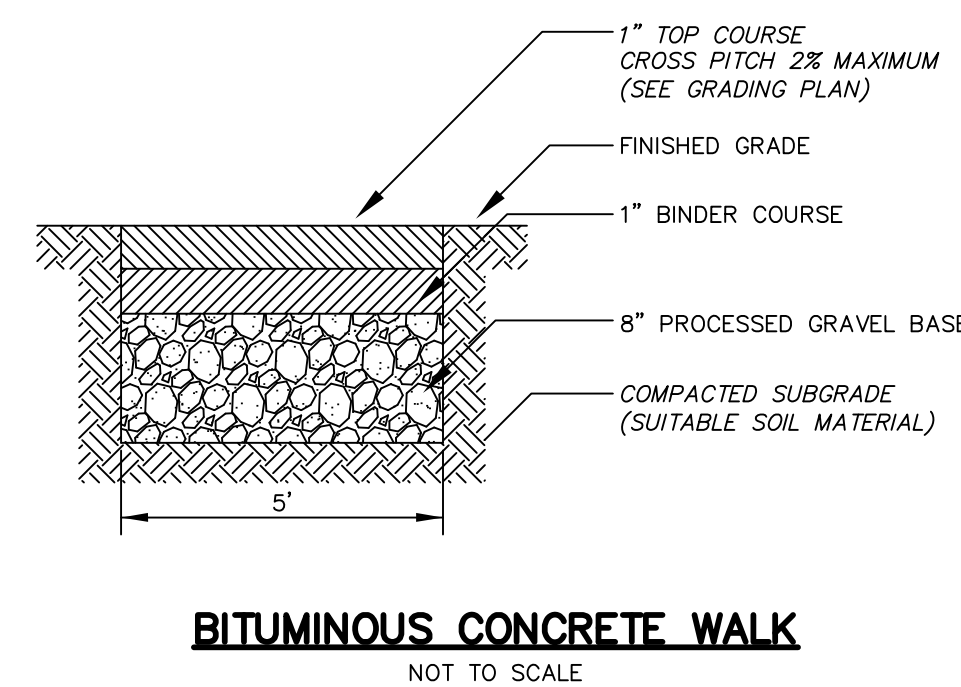
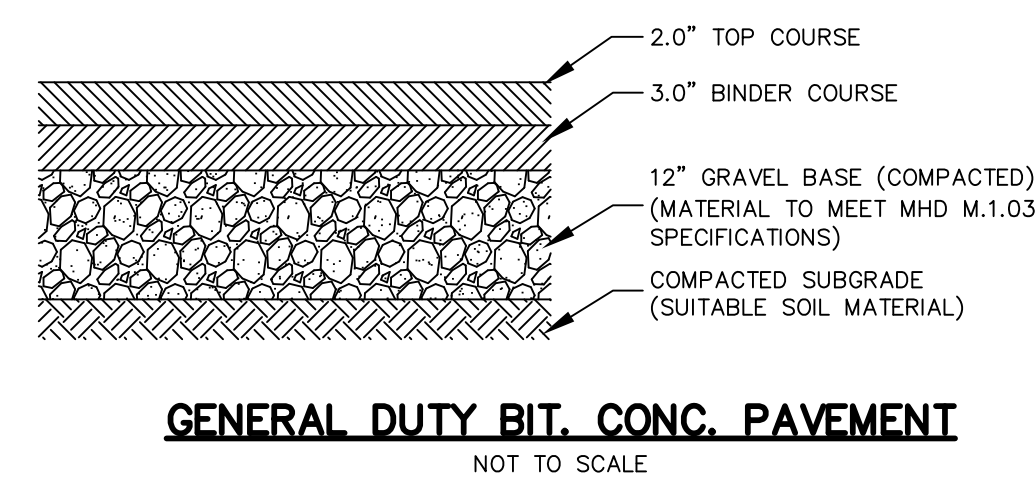
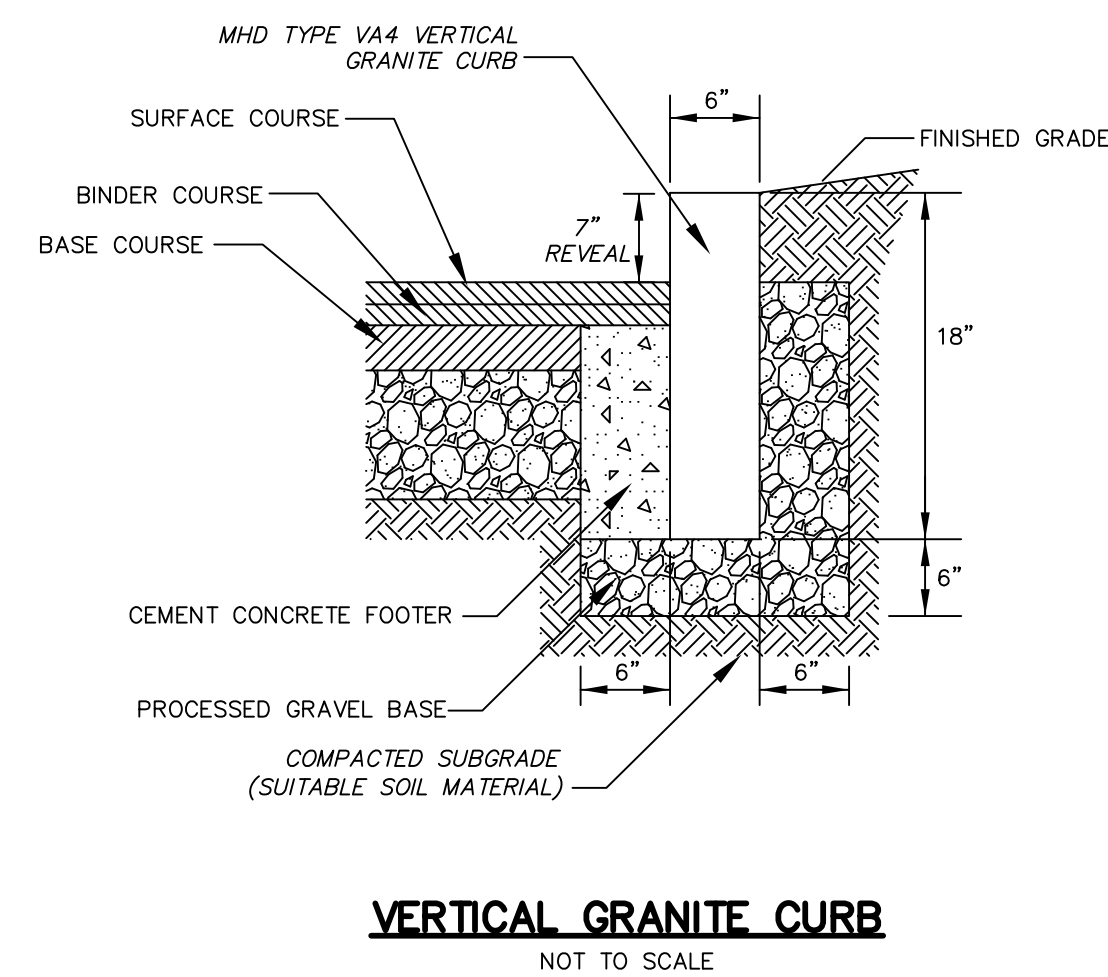
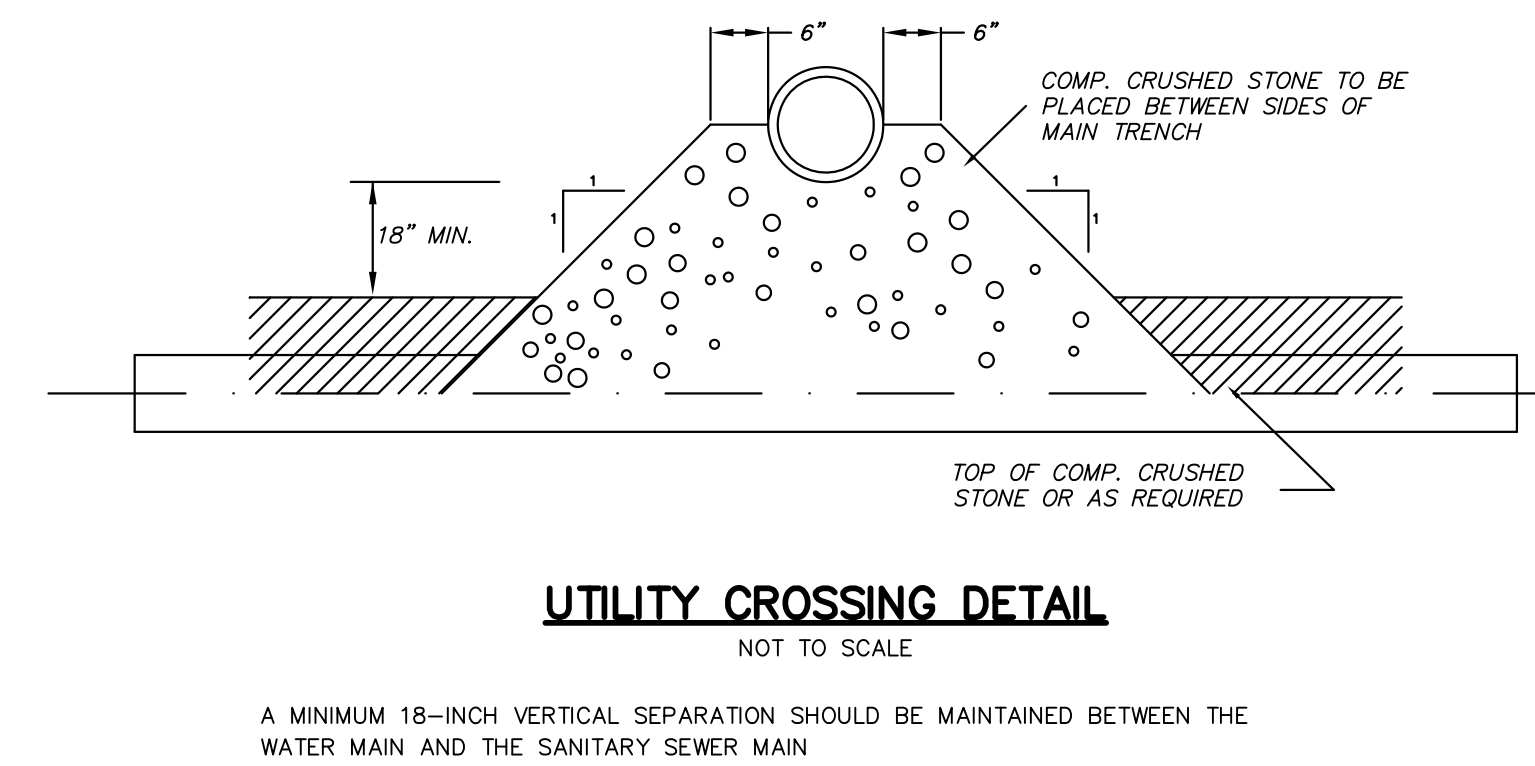
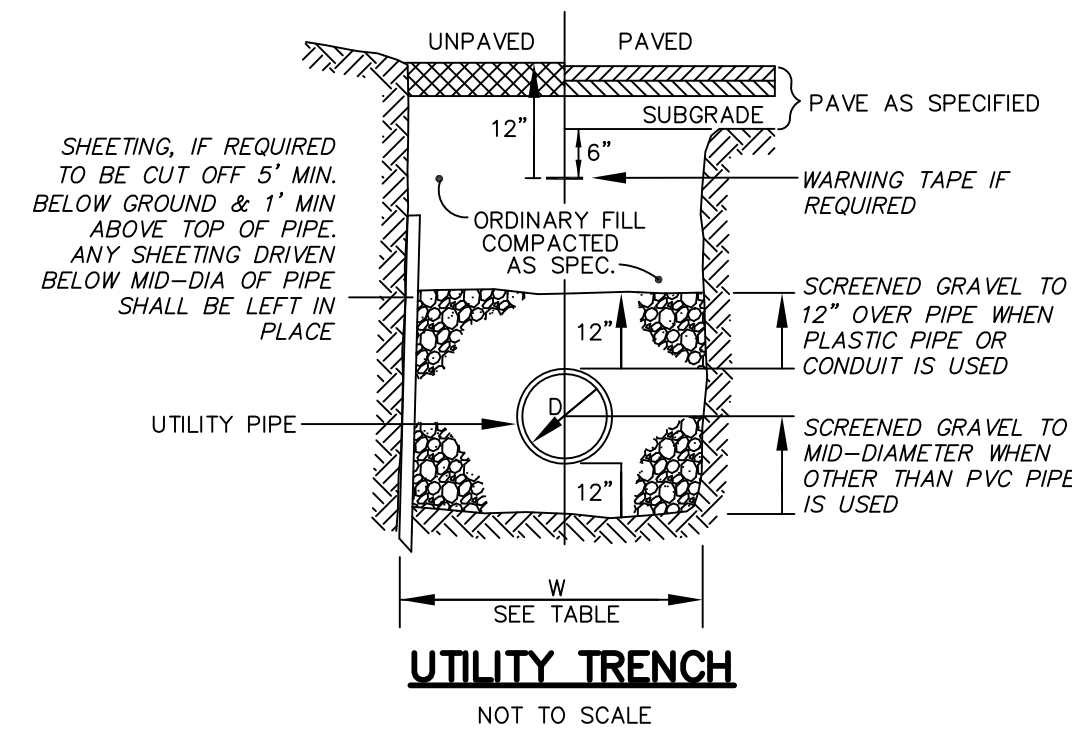
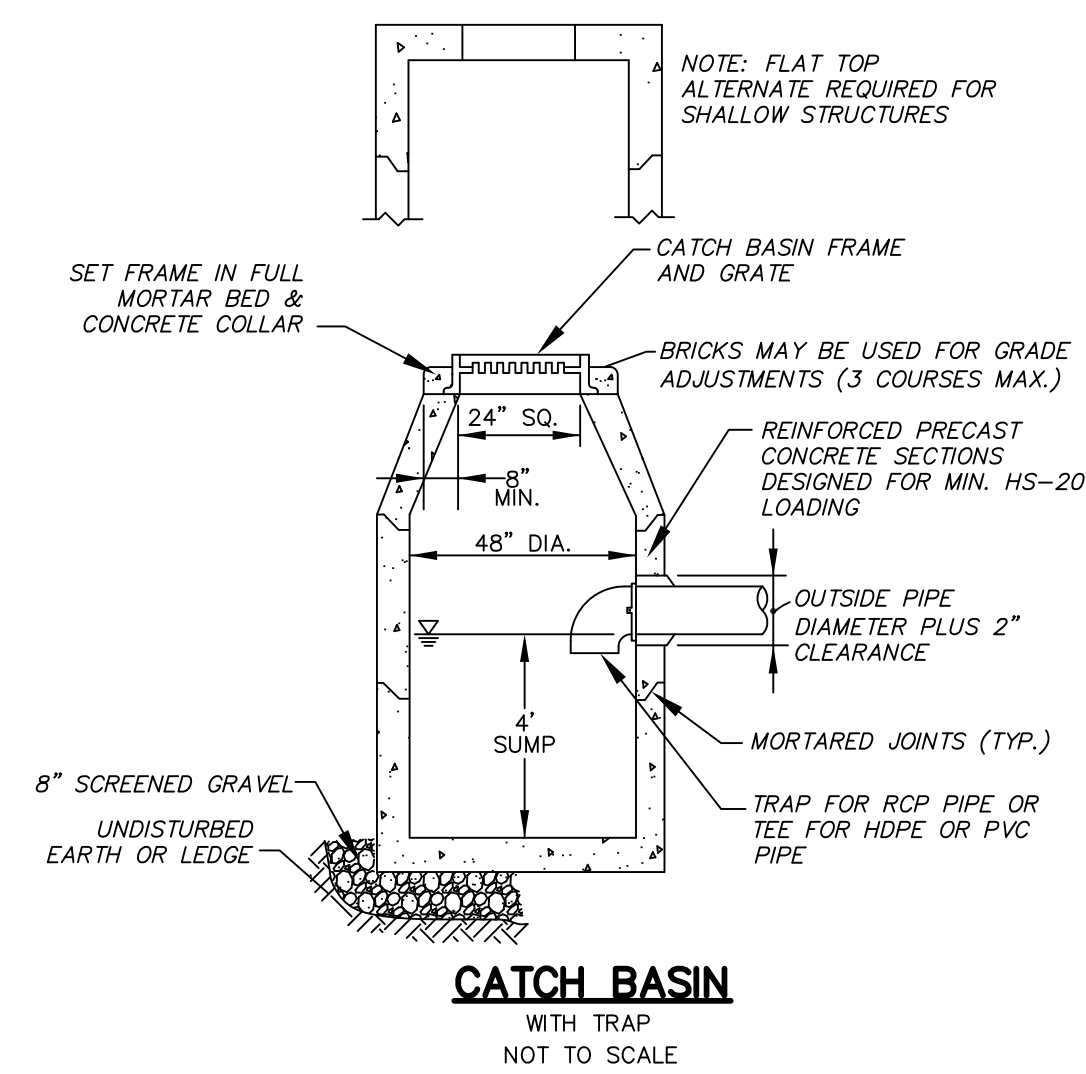
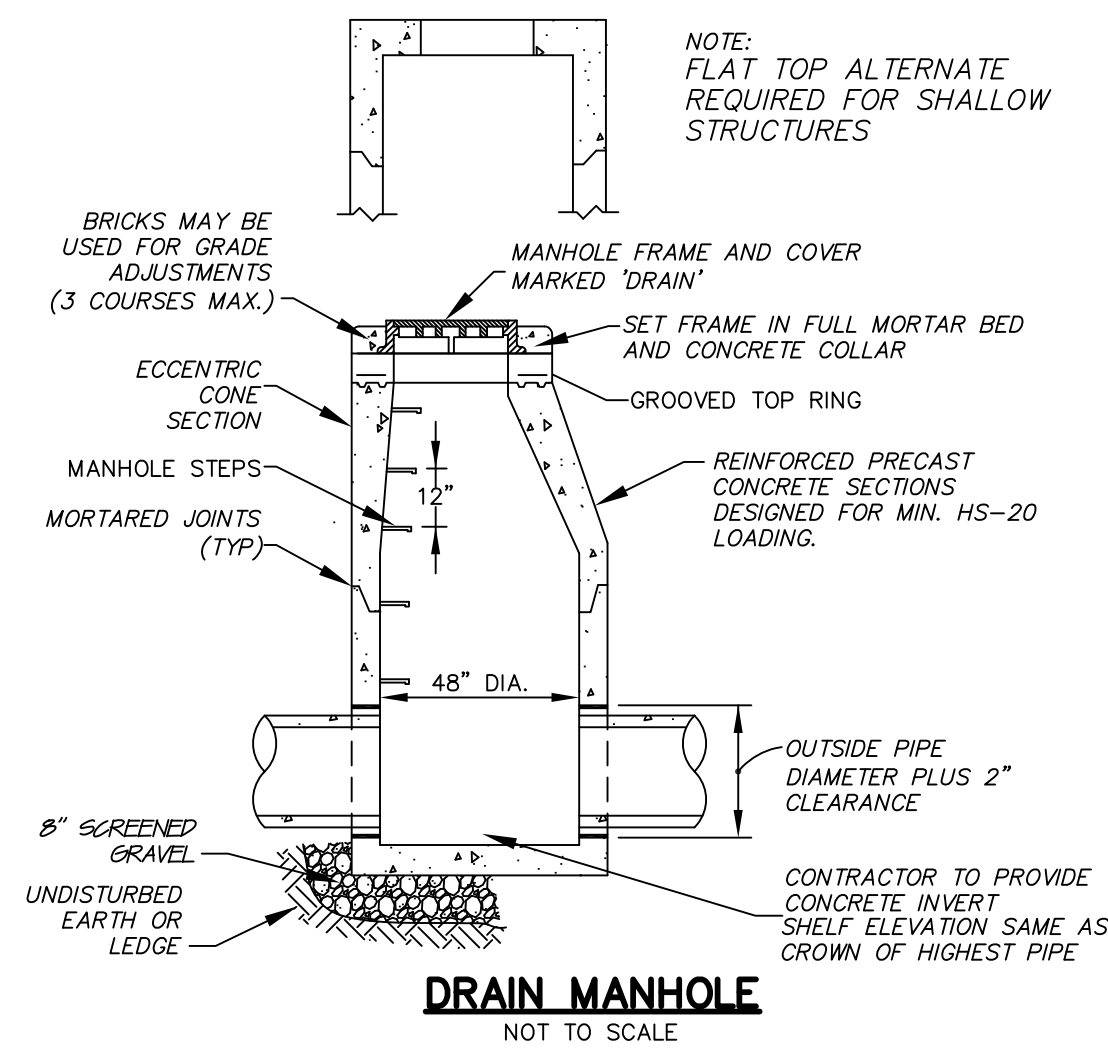
PERMANENT SEED  
 TALL FESCUE - 20 LBS/ACRE  
 CREEPING RED FESCUE - 20 LBS/ACRE  
 BIRDSFOOT TREFLOIL - 8 LBS/ACRE  
 TOTAL - 48 LBS/ACRE

TEMPORARY SEED  
 OATS - 80 LBS/ACRE 4/01-5/14  
 ANNUAL RYE GRASS - 40 LBS/ACRE  
 SUDANGRASS - 40 LBS/ACRE 5/15-8/14  
 ANNUAL RYEGRASS - 80 LBS/ACRE 5/15-9/14  
 WINTER RYE - 112 LBS/ACRE 9/15-9/30  
 WINTER RYE - 112 LBS/ACRE 10/01-3/31  
 (PROTECT W/MULCH COVER)

\*OR AS DIRECTED BY QUALIFIED SEED PROFESSIONAL

DRAWN BY: BFM	CHECKED BY: JER	DATE: JULY 15, 2022	SCALE: NONE	JOB NUMBER: 7399	PLAN NUMBER: 29-D-28	FIELD BOOK REF(S):
	DRAWN BY: BFM					
REVISIONS  3 SHOW SEPTIC AREAS, WELLS, PARKING SPACES 11/08/22 2 REUSE CUL-DE-SAC 10/27/22 1 PER DRW COMMENTS 09/08/22 NO. DESCRIPTION DATE						
ENGINEERING   ENVIRONMENTAL   SURVEYING 510 MECHANIC STREET LEOMINSTER, MASSACHUSETTS 01463 TEL. (978) 537-5296 FAX. (978) 537-1423						



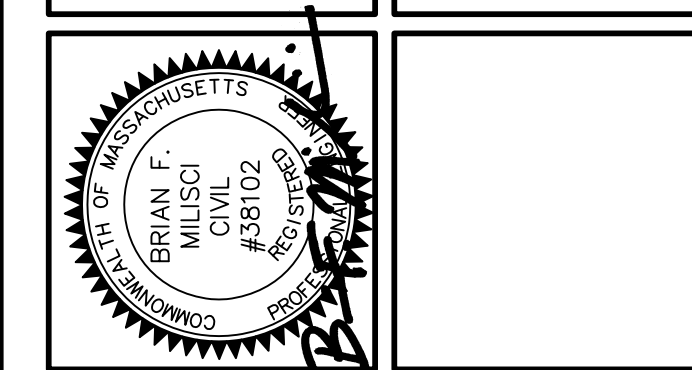


CHECKED BY:	JER
SCALE:	AS SHOWN
DATE:	JULY 15, 2022
JOB NUMBER:	7399
PLAN NUMBER:	29-D-28
FIELD BOOK REF(S):	

NO.	DATE	DESCRIPTION	BY
3	11/08/22	SHOW SEPTIC AREAS, WELLS, PARKING SPACES	BFM
2	10/27/22	REVISE GUL-DE-SAC	BFM
1	09/08/22	PER DPW COMMENTS	BFM
NO.			

**CONSTRUCTION DETAILS**  
FOR  
**PROPERTY OFF SOUTH BOLTON ROAD**  
IN  
**BOLTON, MASSACHUSETTS**

PREPARED FOR:  
DANIEL MOTHA  
3036 CENTER STREET  
MIAMI, FLORIDA 33133  
(508) 494-9637



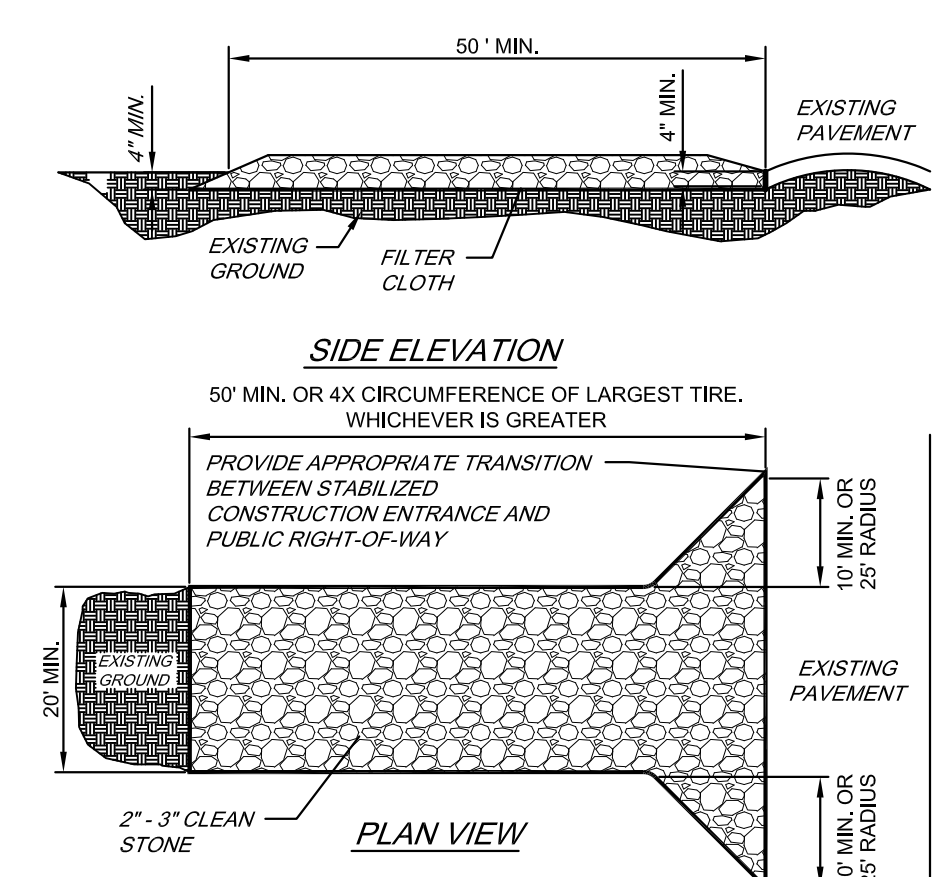
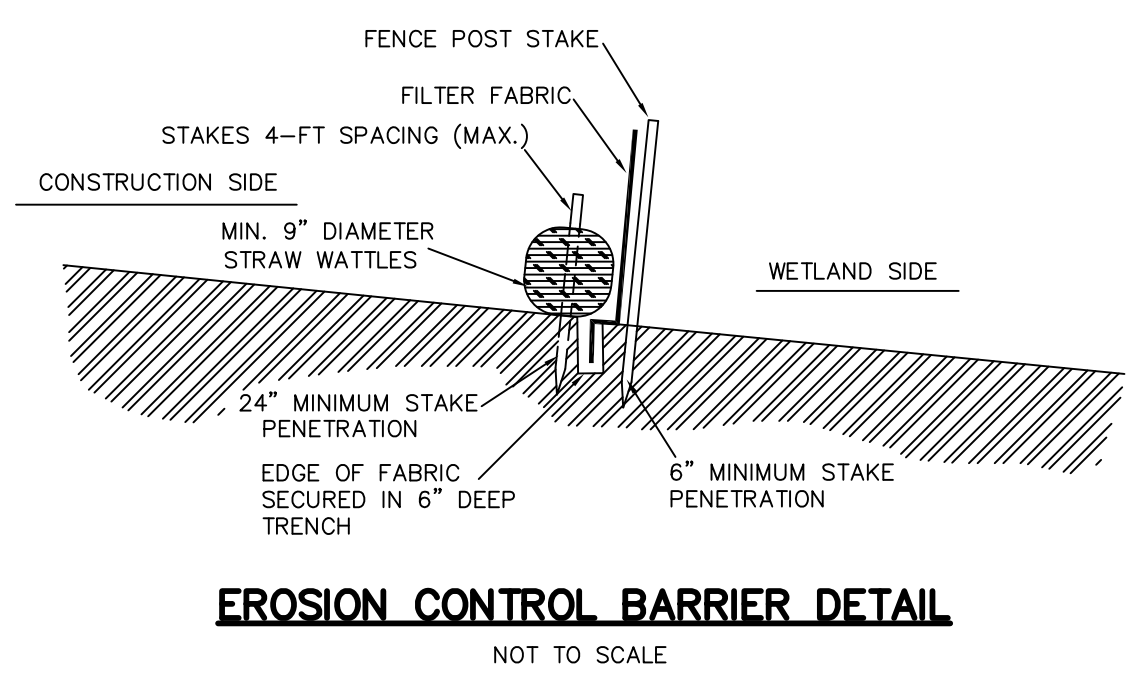
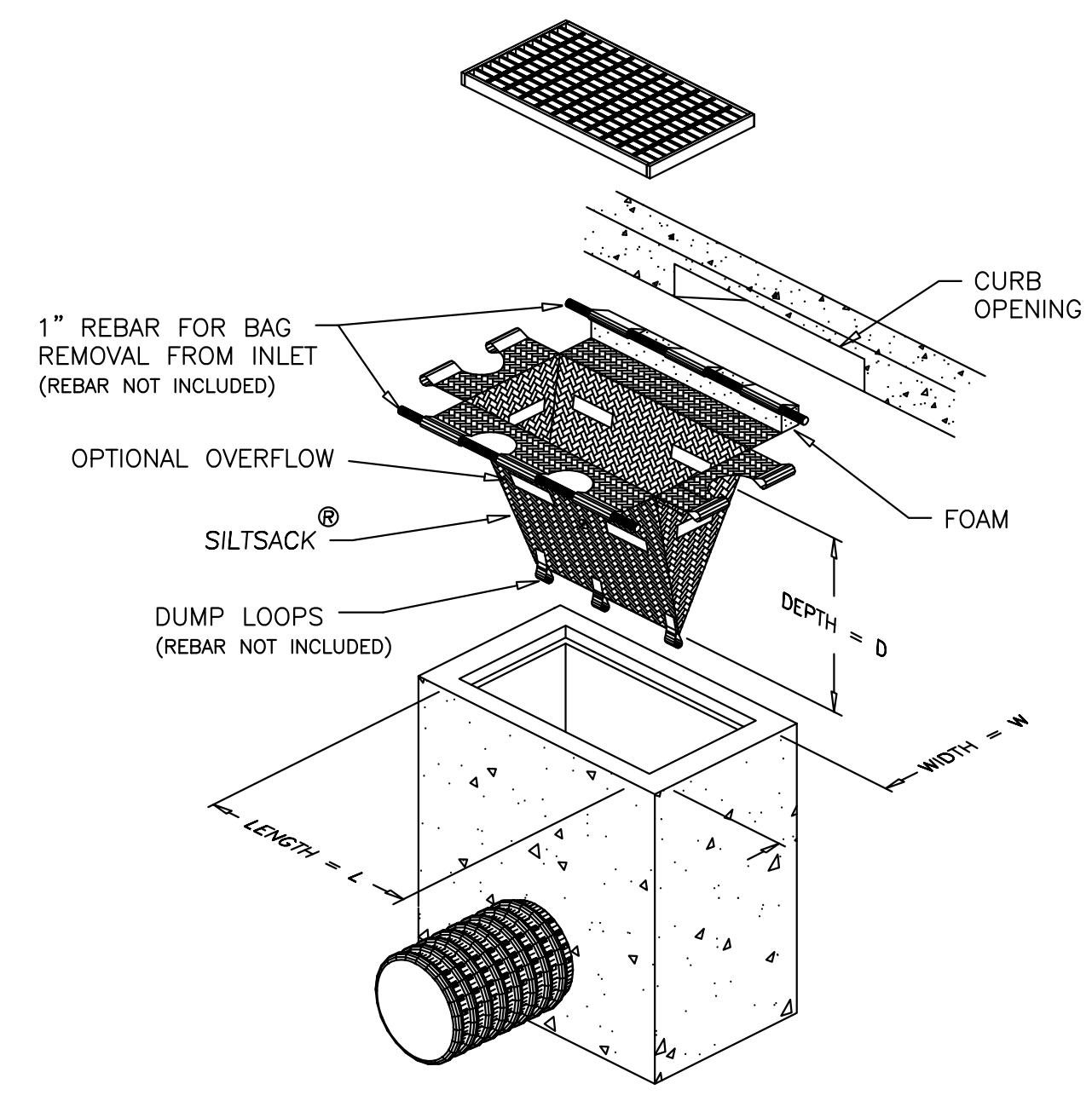
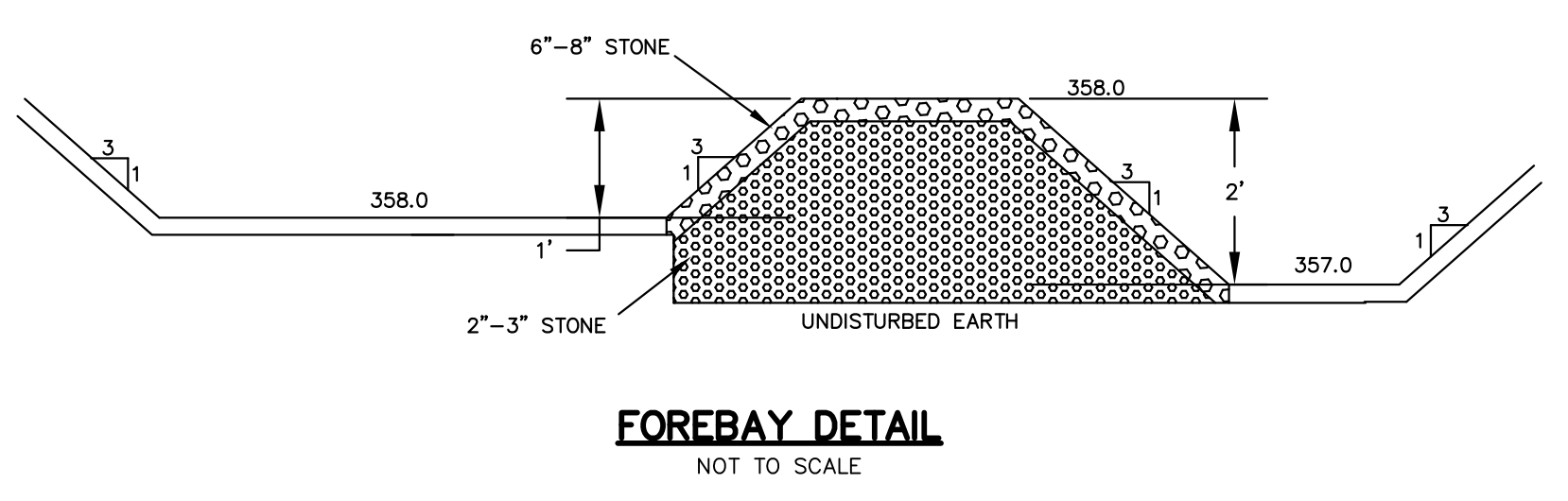
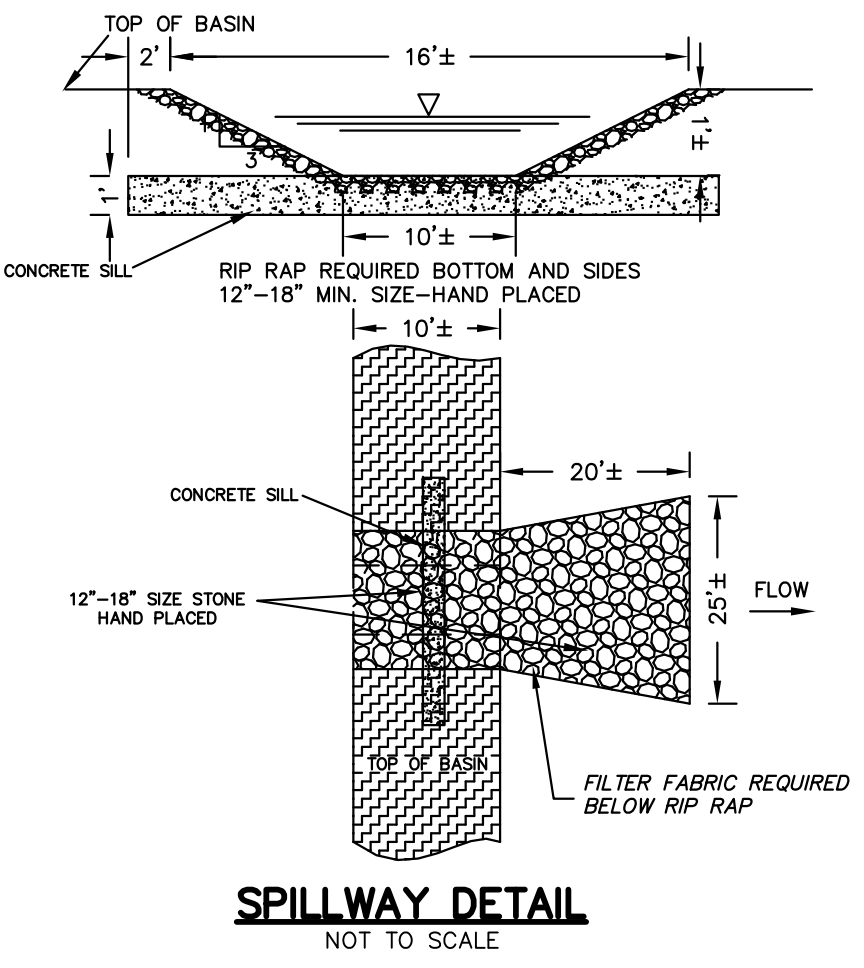
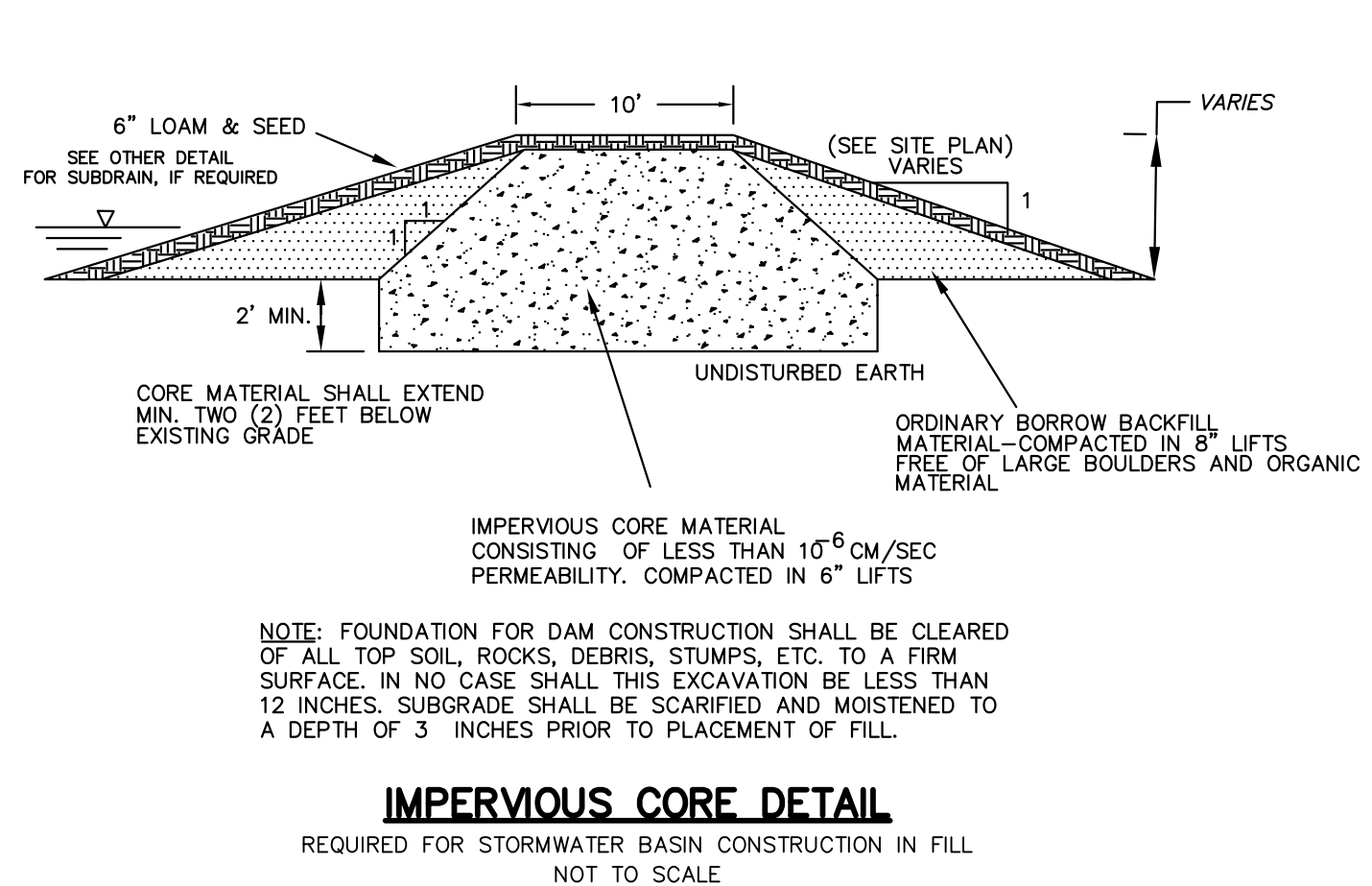
APPROVED AS SUBMITTED \_\_\_\_\_  
APPROVED WITH CONDITIONS \_\_\_\_\_  
APPROVED WITH REVISIONS \_\_\_\_\_

**TOWN OF BOLTON PLANNING BOARD**

DATE: \_\_\_\_\_  
\_\_\_\_\_  
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**HALEY WARD**  
ENGINEERING | ENVIRONMENTAL | SURVEYING  
510 MECHANIC STREET  
LEOMINSTER, MASSACHUSETTS 01453  
TEL. (978) 537-5296  
FAX. (978) 537-1423





- NOTES:**
1. STONE - USE COARSE AGGREGATE (2 - 3 INCH STONE)
  2. LENGTH - AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.
  3. THICKNESS - NOT LESS THAN EIGHT (8) INCHES.
  4. WIDTH - NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
  5. WASHING - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS OR OTHER APPROVED METHODS.
  6. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.

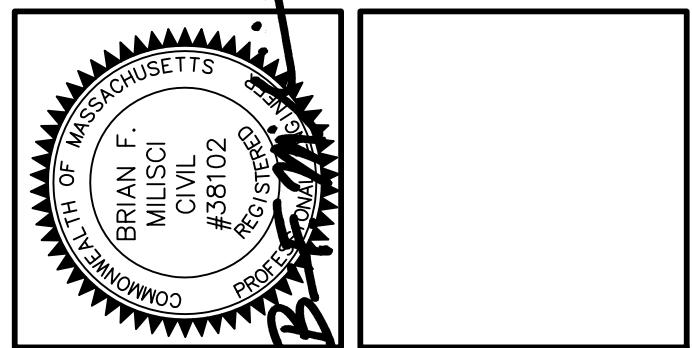
NOTE: ALL CATCH BASINS WITHIN PROJECT AREA ARE TO RECEIVE SILT SACK PROTECTION DURING CONSTRUCTION PHASE OF THE PROJECT

CHECKED BY:	JER
SCALE:	AS SHOWN
DATE:	JULY 15, 2022
JOB NUMBER:	7399
PLAN NUMBER:	29-D-28
FIELD BOOK REF(S):	
DRAWN BY:	BFM
SHEET NUMBER:	14 OF 14
COMPS:	8344
PLAN REF(S):	

NO.	DATE	DESCRIPTION
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PREPARED FOR:  
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APPROVED AS SUBMITTED \_\_\_\_\_  
 APPROVED WITH CONDITIONS \_\_\_\_\_  
 APPROVED WITH REVISIONS \_\_\_\_\_

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