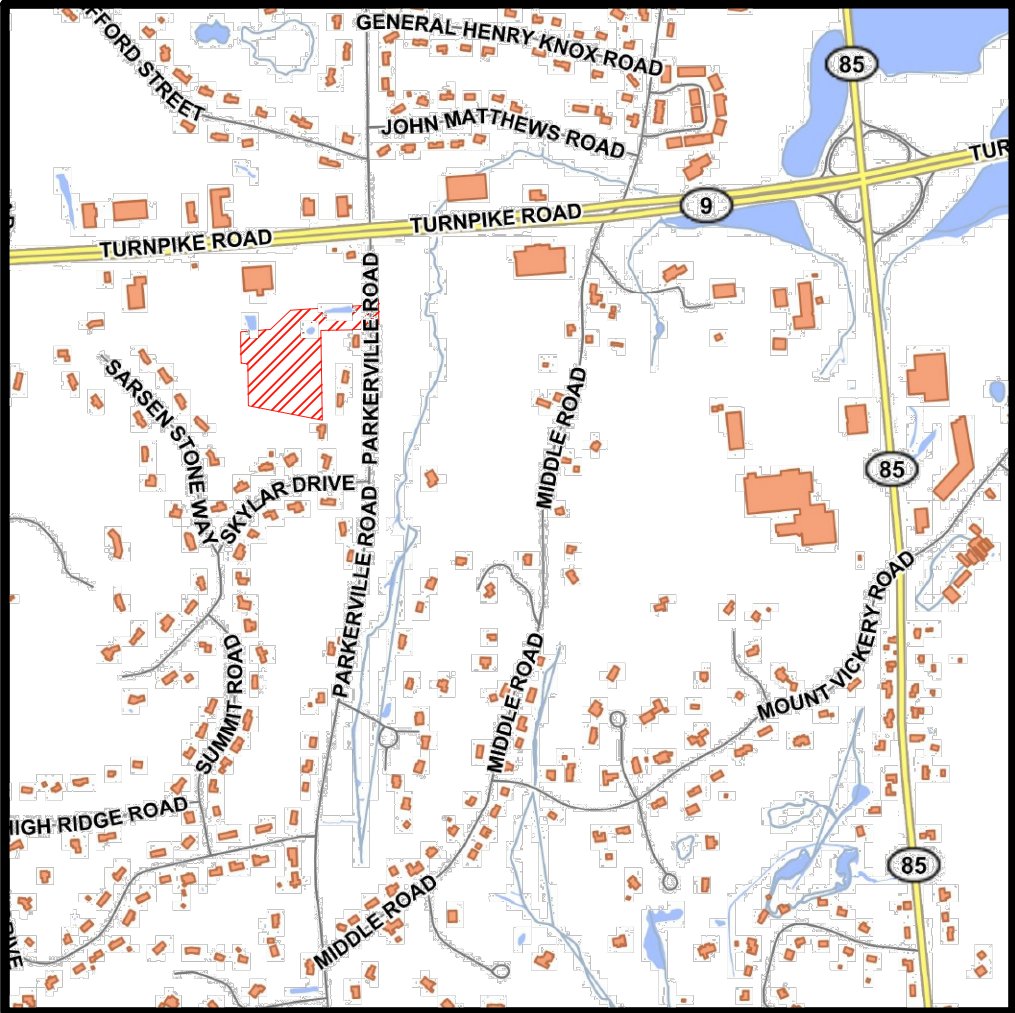


SITE PLAN OF LAND AT 250 TURNPIKE ROAD

IN
SOUTHBOROUGH, MASSACHUSETTS



LOCUS MAP

ZONING COMPLIANCE TABLE

THE SITE IS LOCATED IN THE RESIDENCE A ZONING DISTRICT. THE FOLLOWING TABLE COMPARES THE RESIDENCE A ZONING REQUIREMENTS AND DIMENSIONS PROPOSED AT THIS SITE:

DIMENSION	REQUIREMENT	PROPOSED
MIN. LOT AREA	43,560	226,047 S.F.
MIN. FRONTAGE	150'	150.14'
MIN. FRONT YARD	35'	242'(UNIT 2 TO PARKERVILLE RD)
MIN. SIDE YARD	25'	2'(UNIT 1)
MIN. REAR YARD	50'	24'(UNIT 31)
MAX. FLOOR AREA RATIO	0.18	0.40
MAX. BUILDING HEIGHT	35'	34'

PROPOSED SCOPE:

RESIDENTIAL:	
TWO BEDROOM UNITS:	28
THREE BEDROOM UNITS:	4
TOTAL UNITS:	32
TOTAL BEDROOMS:	68

OFF-STREET PARKING:	
PARKING SPACES PROVIDED - RESIDENTIAL	75
PARKING SPACES PROVIDED	
GARAGES	32
INDIVIDUAL DRIVEWAYS	32
SURFACE SPACES	11
TOTAL:	75

OWNER & APPLICANT:

FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MASSACHUSETTS 01772

CLIENT NUMBER: 502
JOB NUMBER: 245-502
DRAWING : 250TURNPIKECURRENT.dwg

PREPARED BY

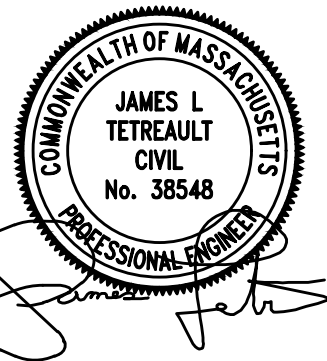
EXPEDITED ENGINEERING, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MASSACHUSETTS 01772
TELEPHONE (508) 399-9993
EMAIL: james@expeditedengineers.com

DATE:

MAY 28, 2023

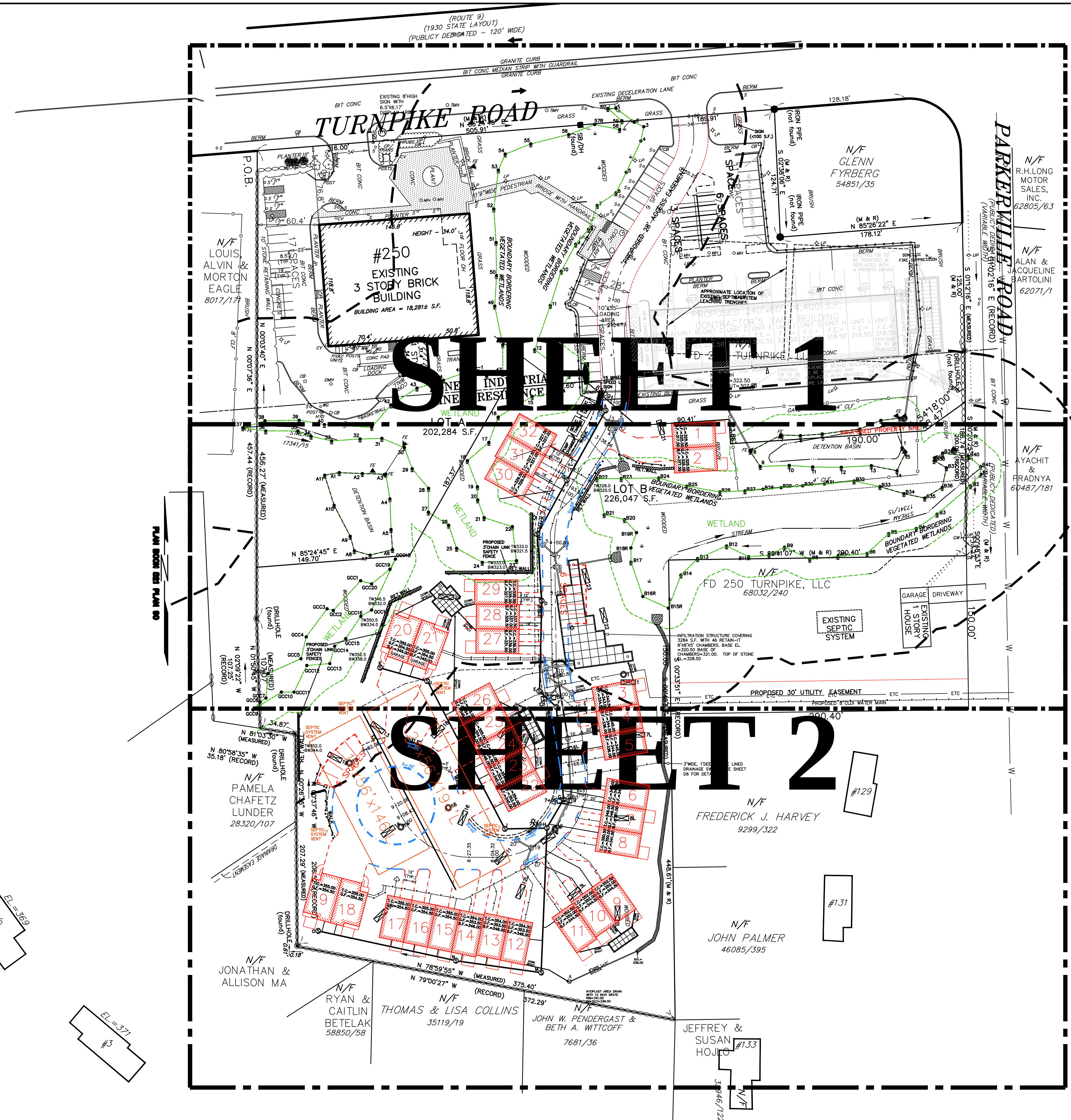
REVISED NOVEMBER 20, 2024

REVISED JANUARY 31, 2025



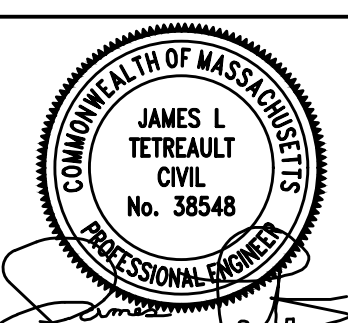
SHEET DIRECTORY

TITLE SHEET	(THIS SHEET)
KEY SHEET	
EXISTING CONDITIONS PLANS (UNCHANGED)	E1 - E2
SITE LAYOUT PLANS	S1 - S2
GRADING & DRAINAGE PLANS	G1 - G2
UTILITY PLANS	U1 - U2
EROSION & SEDIMENT CONTROL PLANS	ESC1 - ESC2
LANDSCAPE PLAN, LIGHTING PLAN	L1, L2
DETAIL SHEETS	D1 - D6
PLAN AND PROFILE SHEET	P1



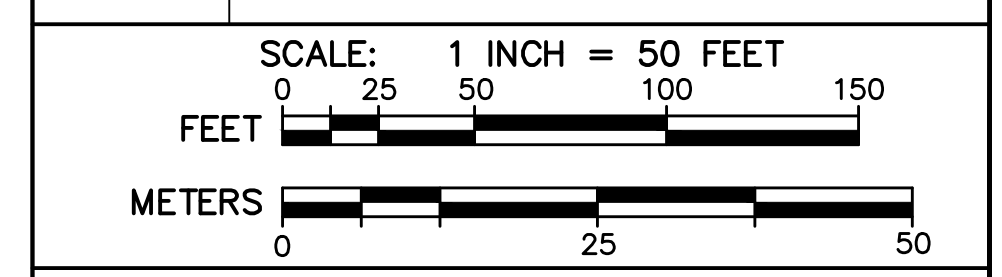
- NOTES:
- 1) THE PROPOSED UNITS WILL ALL BE LOCATED ON LOT B. AT THE CONCLUSION OF REVIEW BY THE ZONING BOARD OF APPEALS, A REVISED ANR PLAN WITH THIS LOT LAYOUT WILL BE SUBMITTED TO THE PLANNING BOARD.
 - 2) THE APPLICANT AND OWNER, FD 250 TURNPIKE, LLC, PROPOSES TO CONSTRUCT 32 TOWNHOUSE STYLE RENTAL UNITS UNDER THE AUSPICES OF MGL CHAPTER 40B. 25% OF THE UNITS WILL QUALIFY AS AFFORDABLE UNDER STATE GUIDELINES.
 - 3) A TOTAL OF 75 PARKING SPACES WILL BE CREATED, AMONG UNIT GARAGES, INDIVIDUAL UNIT DRIVEWAYS AND 11 SPACES OFF THE CURB. THIS IS 2.34 SPACES PER UNIT.
 - 4) LESSEES WILL ACCESS THIS SITE THROUGH A 28 FOOT WIDE DRIVEWAY EASEMENT THROUGH THE EXISTING PARKING AREA ON LOT A. THIS ACCESS WILL ENTER ONTO ROUTE 9 AT AN EXISTING DRIVEWAY ACCESS AT A POINT IN THE MIDDLE OF AN EXISTING DECELERATION LANE.

COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

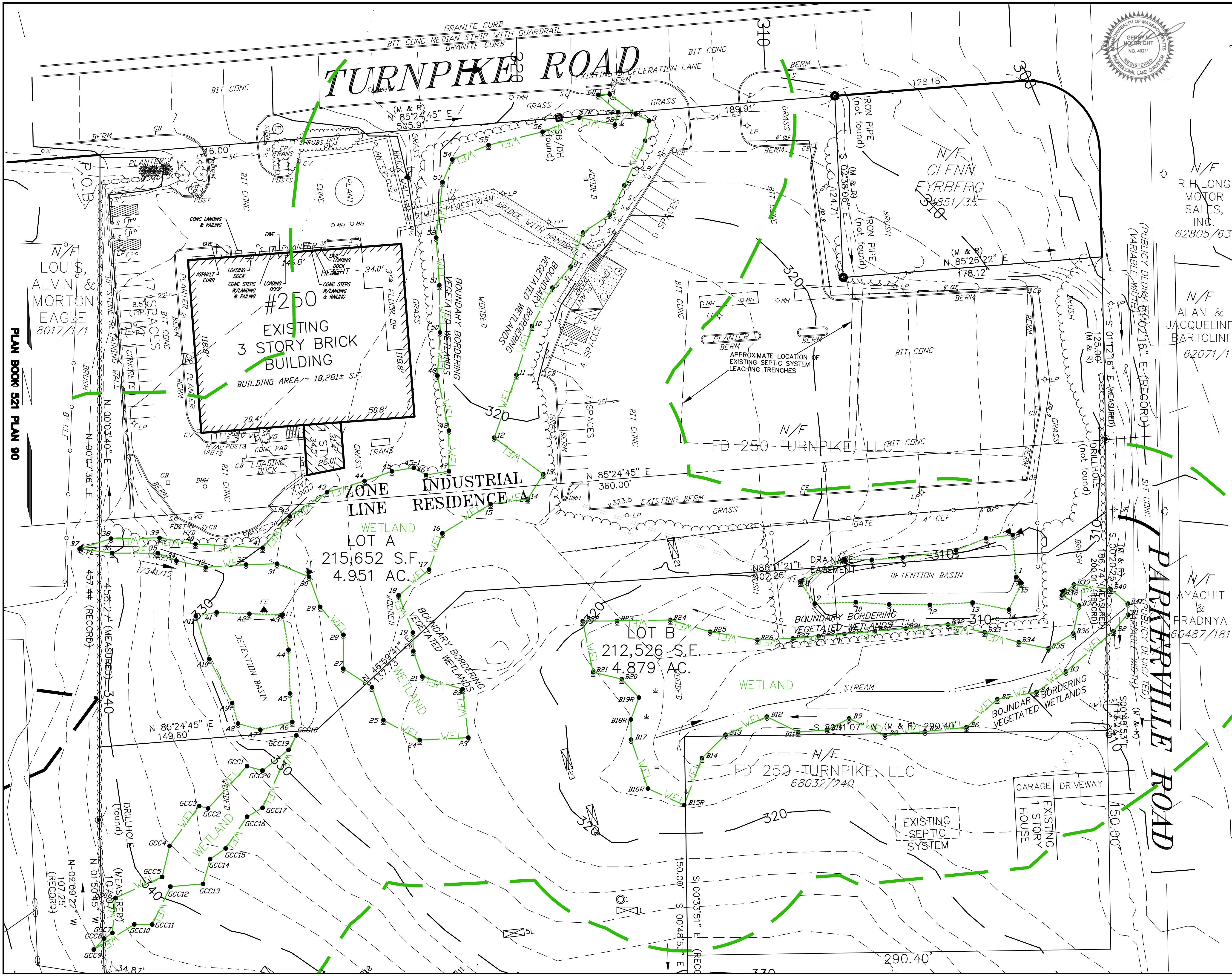


EXPEDITED ENGINEERING, LLC
Professional Engineers & Erosion Control Specialists
118 Turnpike Road, Suite 300, Southborough, MA 01772
Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO.	502	JOB NO.	245-502
DATE:	APRIL 15, 2024	DWG NO.	250TURNPIKECURRENT
REVISIONS			
DATE:	DESCRIPTION		
11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES		
1/31/25	TOWN REVIEW		



SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
KEY SHEET



KEY

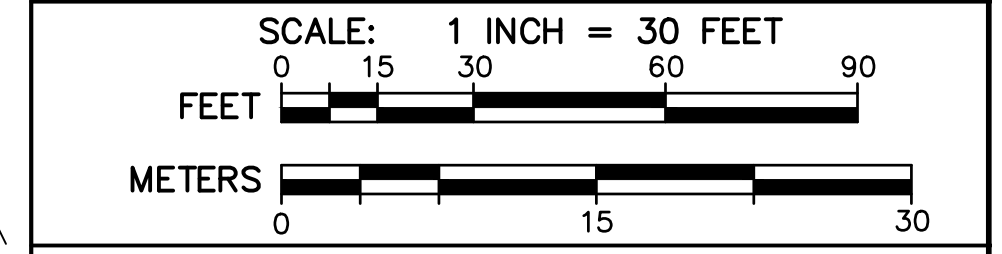
- 2' CONTOUR
- 10' CONTOUR
- EXISTING EDGE OF PAVEMENT
- UTILITY POLE
- OVERHEAD WIRES
- WETLAND
- WETLAND BUFFER ZONE EDGE
- STONE WALL
- EXISTING TREE LINE
- OFFICIAL DEEP OBSERVATION HOLE
- OFFICIAL PERCOLATION TEST

- NOTES:**
- 1) THE DEED TO THE PROPERTY SHOWING FD 250 TURNPIKE, LLC AS THE OWNER IS RECORDED AT BOOK 67212 PAGE 69 AT THE WORCESTER DISTRICT REGISTRY OF DEEDS.
 - 2) THE PROPERTY BOUNDARIES, TOPOGRAPHY AND EXISTING FEATURE SHOWN ON THIS PLAN ARE THE WORK PRODUCT OF CONTROL POINT ASSOCIATES, INC. THE LOT DIVISION SHOWN ON THIS PLAN, WAS CREATED WITH THE RECORDING OF AN APPROVAL NOT REQUIRED PLAN OF LAND AT PLAN BOOK 964 PLAN 51.
 - 3) THE BOUNDARIES OF WETLAND RESOURCE AREAS SHOWN ON THIS PLAN WERE CONFIRMED BY AN ORDER OF RESOURCE AREA DELINEATION ISSUED TO THE APPLICANT FOR WORK ON LOT A UNDER DEP FILE#290-1091 AND RECORDED AT THE WORCESTER DISTRICT REGISTRY OF DEEDS AT BOOK 69428 PAGE 113.

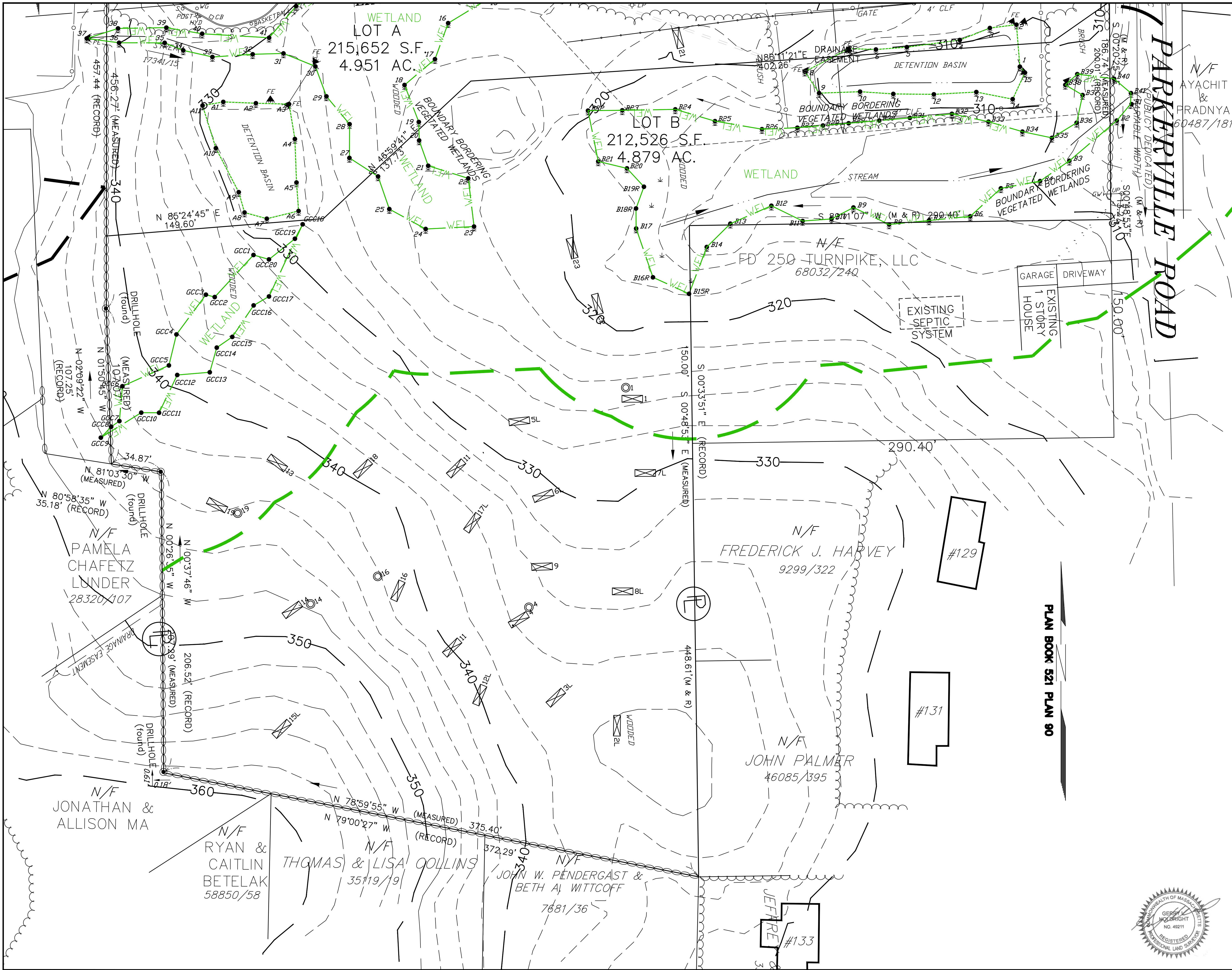
COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

AZIMUTH LAND DESIGN, LLC
Professional Engineers & Erosion Control Specialists
118 Turnpike Road, Suite 200, Southborough, MA 01772
Telephone (508)-485-0137 james@azimuthlanddesign.co

CLT. NO.	502	JOB NO.	245-502
DATE:	APRIL 15, 2024	DWG. NO.	250TURNPIKECURRENT
REVISIONS			
DATE:	DESCRIPTION		



SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
EXISTING CONDITIONS E1



KEY

- 2' CONTOUR
- 10' CONTOUR
- EXISTING EDGE OF PAVEMENT
- UTILITY POLE
- OVERHEAD WIRES
- WETLAND EDGE
- 100' BUFFER ZONE EDGE
- STONE WALL
- EXISTING TREE LINE
- OFFICIAL DEEP OBSERVATION HOLE
- OFFICIAL PERCOLATION TEST

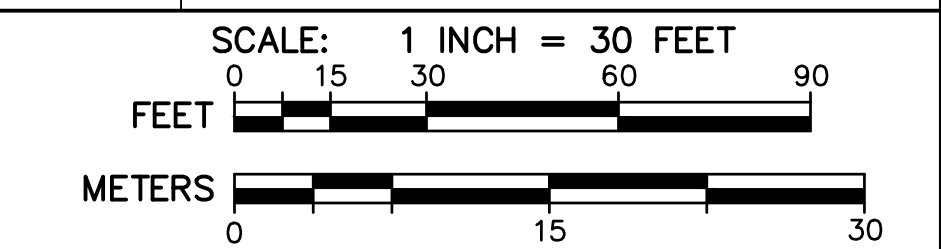
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COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

**AZIMUTH LAND DESIGN, LLC**
Professional Engineers & Erosion Control Specialists
118 Turnpike Road, Suite 200, Southborough, MA 01772
Telephone (508)-485-0137 james@azimuthlanddesign.co

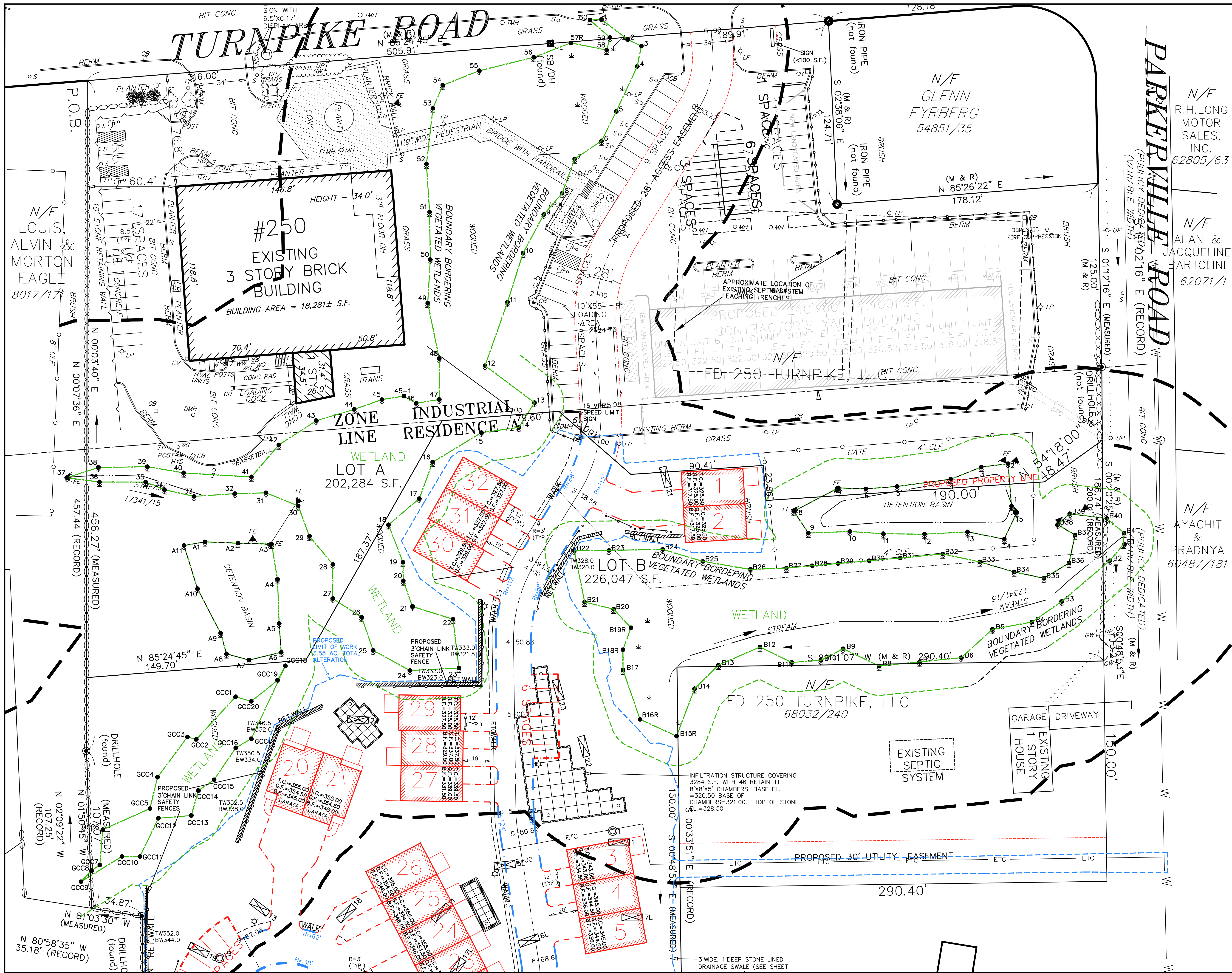
CLT. NO.	502	JOB NO.	245-502
DATE:	APRIL 15, 2024	DWG. NO.	250TURNPIKECURRENT

REVISIONS	
DATE:	DESCRIPTION



SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
EXISTING CONDITIONS E2





KEY

- 2' CONTOUR
- 10' CONTOUR
- EXISTING EDGE OF PAVEMENT
- UTILITY POLE
- OVERHEAD WIRES
- WETLAND EDGE
- TOWN 20' NO DISTURB ZONE
- 100' BUFFER ZONE EDGE
- STONE WALL
- PROPOSED EDGE OF PAVEMENT, MAIN DRIVE
- PROPOSED EDGE OF PAVEMENT, INDIVIDUAL UNIT'S DRIVE
- PROPOSED LIMIT OF WORK

NOTES:

- 1) UNITS #S 1-17 AND 22-32 MEASURE 24 FEET WIDE AND 42 FEET DEEP. UNITS #S 18-21 28.17 FEET WIDE AND 45 FEET DEEP.
- 2) ALL PROPOSED RETAINING WALLS ARE TO BE MADE OF CONIGLIARO BLOCK 2'X2'X4' PIECES.
- 3) THE PROPOSED CONTRACTOR'S YARD BUILDING AND EXISTING SELF-STORAGE BUILDING ON LOT A ARE SHOWN FOR REFERENCE BUT THEY ARE NOT PART OF THIS PROJECT.
- 4) EACH INDIVIDUAL DRIVEWAY IS 12 FEET WIDE.
- 5) DRIVEWAYS WITH SIDEWALK BETWEEN THE GARAGE AND CURB ALL MEASURE AT LEAST 23 FEET FROM GARAGE TO CURB. ON THE SIDE OF THE MAIN DRIVE WITH NO SIDEWALK, INDIVIDUAL DRIVEWAYS MEASURE AT LEAST 19 FEET LONG.

COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

EXPEDITED ENGINEERING, LLC
Professional Engineers & Erosion Control Specialists
118 Turnpike Road, Suite 300, Southborough, MA 01772
Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO.	502	JOB NO.	245-502
DATE:	APRIL 15, 2024	DWG NO.	250TURNPIKECURRENT
REVISIONS			
DATE:	DESCRIPTION		
11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES		
1/31/25	TOWN REVIEW		

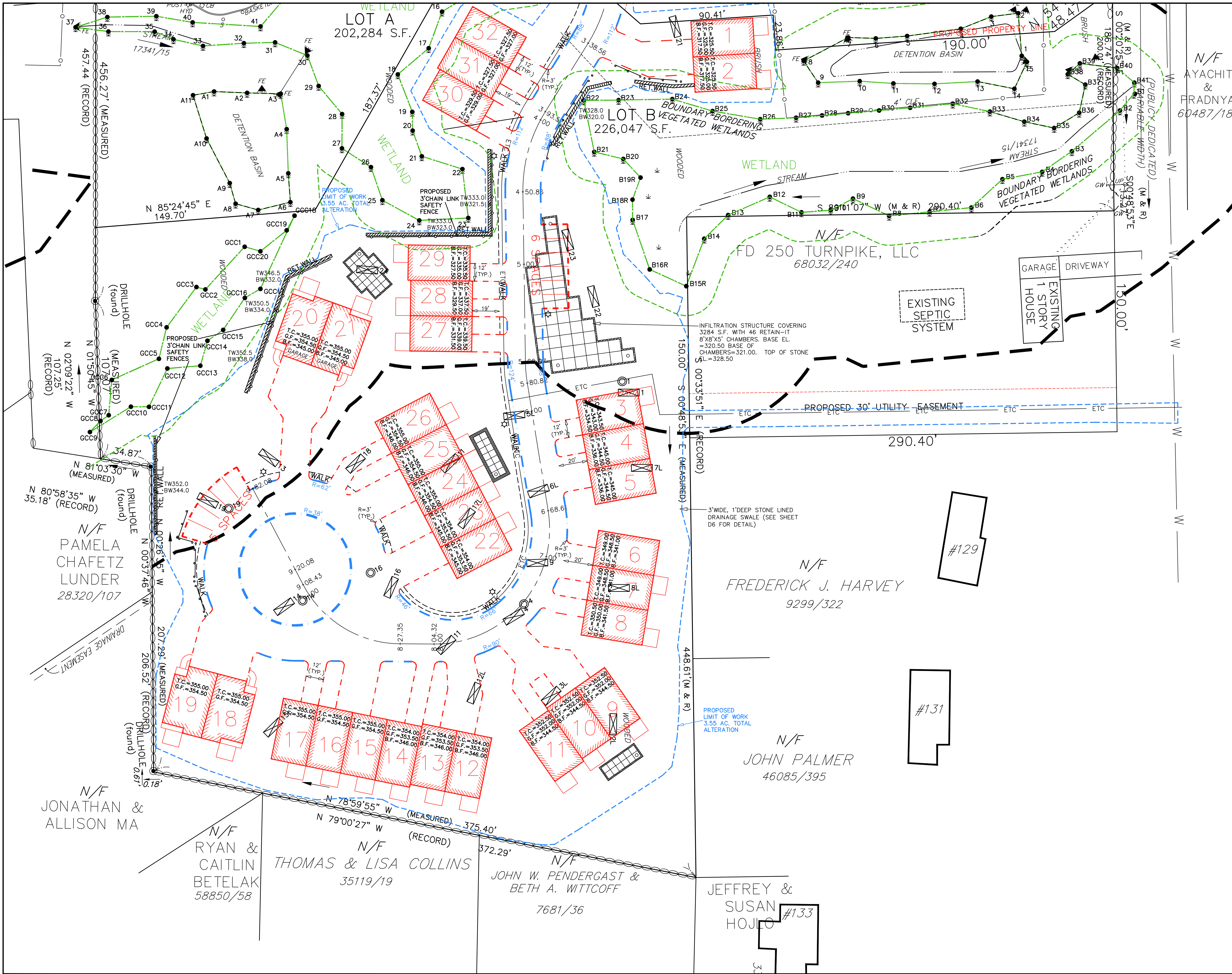
SCALE: 1 INCH = 30 FEET

0 15 30 60 90
FEET

0 15 30
METERS

SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772

SITE LAYOUT S1



KEY

- 2' CONTOUR
- 10' CONTOUR
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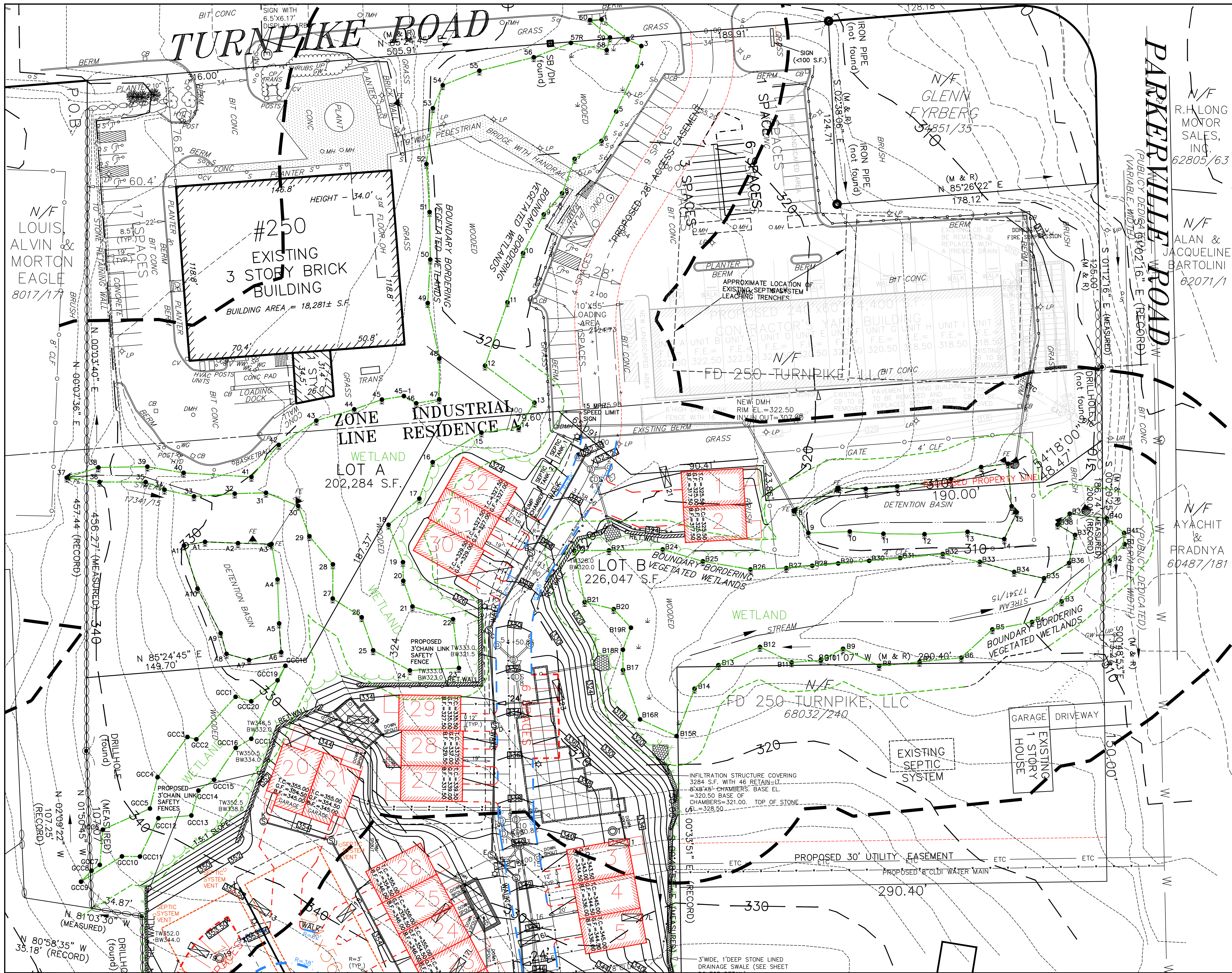
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11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES		
1/31/25	TOWN REVIEW		

SCALE: 1 INCH = 30 FEET

0 15 30 60 90
FEET

0 15 30
METERS

SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
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OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
SITE LAYOUT S2



KEY

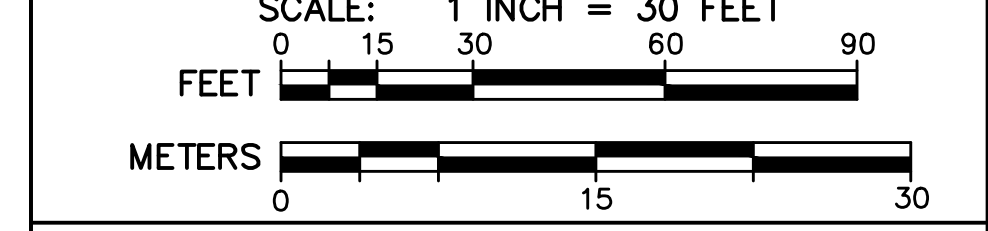
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- STONE WALL
- PROPOSED TREE LINE
- PROPOSED EDGE OF MOTORWAY, MAIN DRIVE
- PROPOSED EDGE OF PAVEMENT, INDIVIDUAL UNIT'S DRIVE
- PROPOSED ELEVATION CONTOUR
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER MAIN

COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

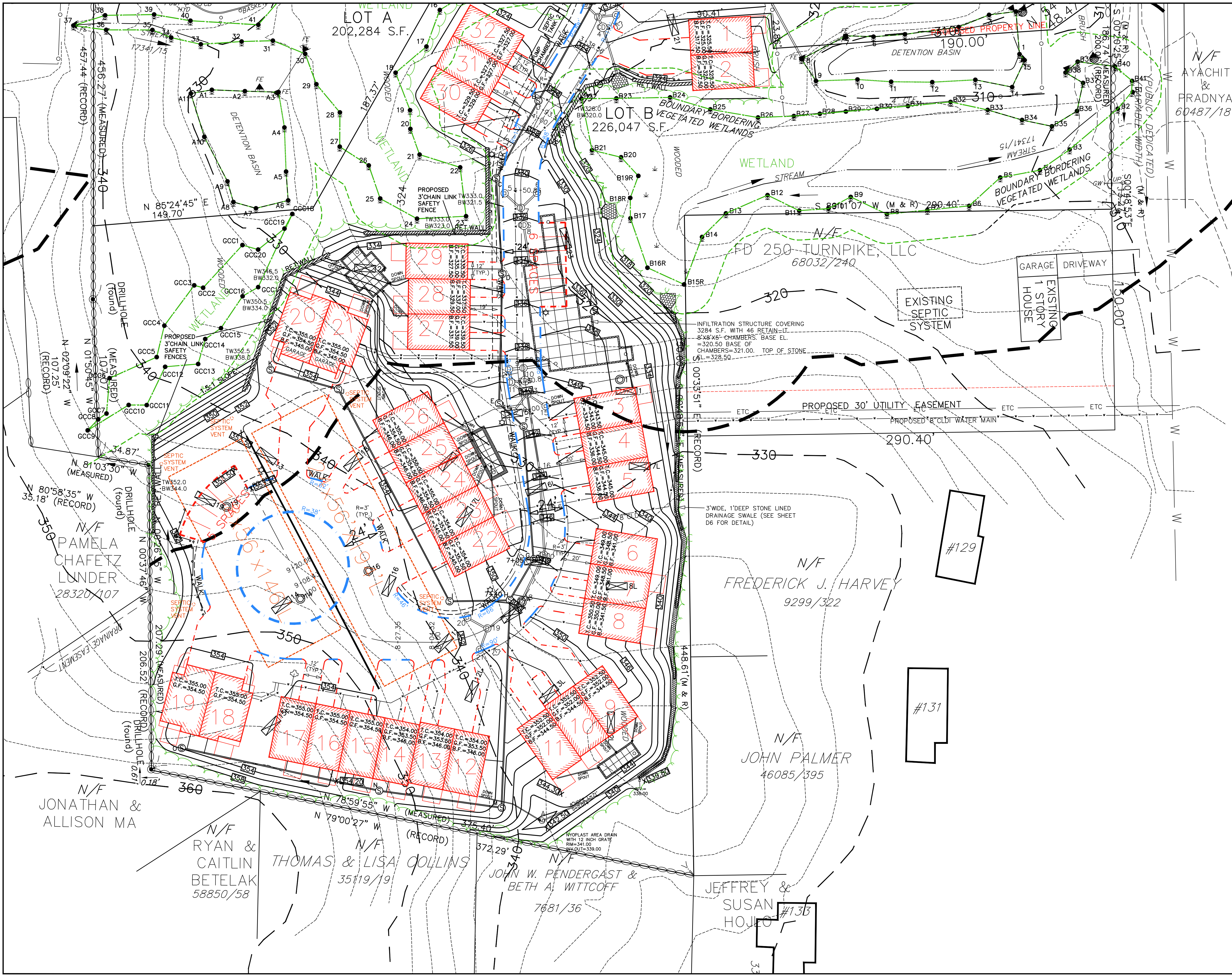
EXPEDITED ENGINEERING, LLC
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Telephone (508)-399-9993 james@expeditedengineers.com

JAMES I. TETREAU
CIVIL
No. 38548
PROFESSIONAL ENGINEER

CLT. NO.	502	JOB NO.	245-502
DATE:	APRIL 15, 2024	DWG NO.	250TURNPIKECURRENT
REVISIONS			
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11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES		
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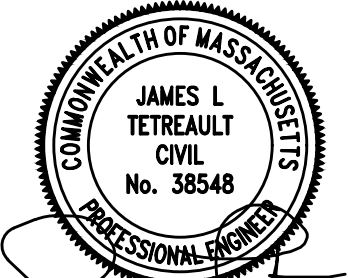
SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
GRADING & DRAINAGE PLAN G1



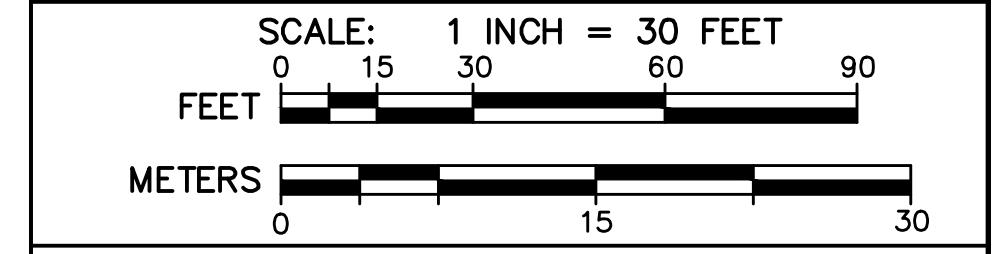
KEY

- 2' CONTOUR
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- EXISTING EDGE OF PAVEMENT
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- PROPOSED CATCH BASIN
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- PROPOSED SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER MAIN

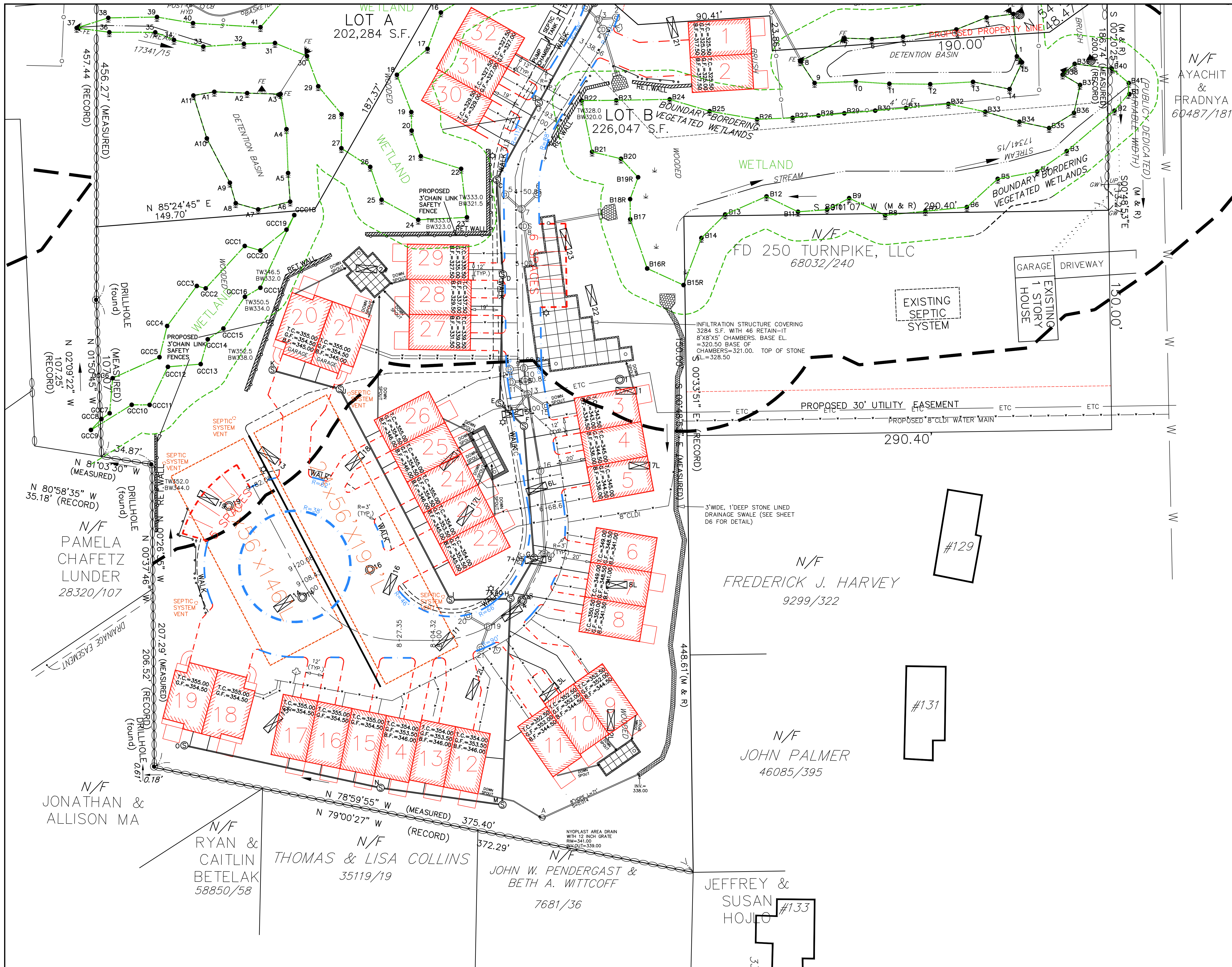
COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____


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CLT. NO.	502	JOB NO.	245-502
DATE:	APRIL 15, 2024	DWG. NO.	250TURNPIKECURRENT
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11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES		
1/31/25	TOWN REVIEW		



SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
GRADING & DRAINAGE PLAN G2

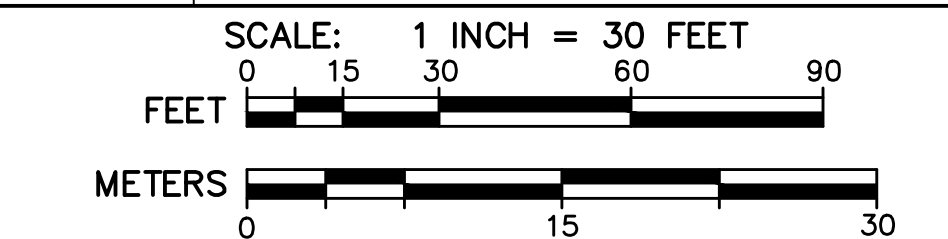


- KEY
- EXISTING EDGE OF PAVEMENT
 - UTILITY POLE
 - OVERHEAD WIRES
 - WETLAND EDGE
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 - PROPOSED SEWER MANHOLE
 - PROPOSED HYDRANT
 - PROPOSED WATER MAIN

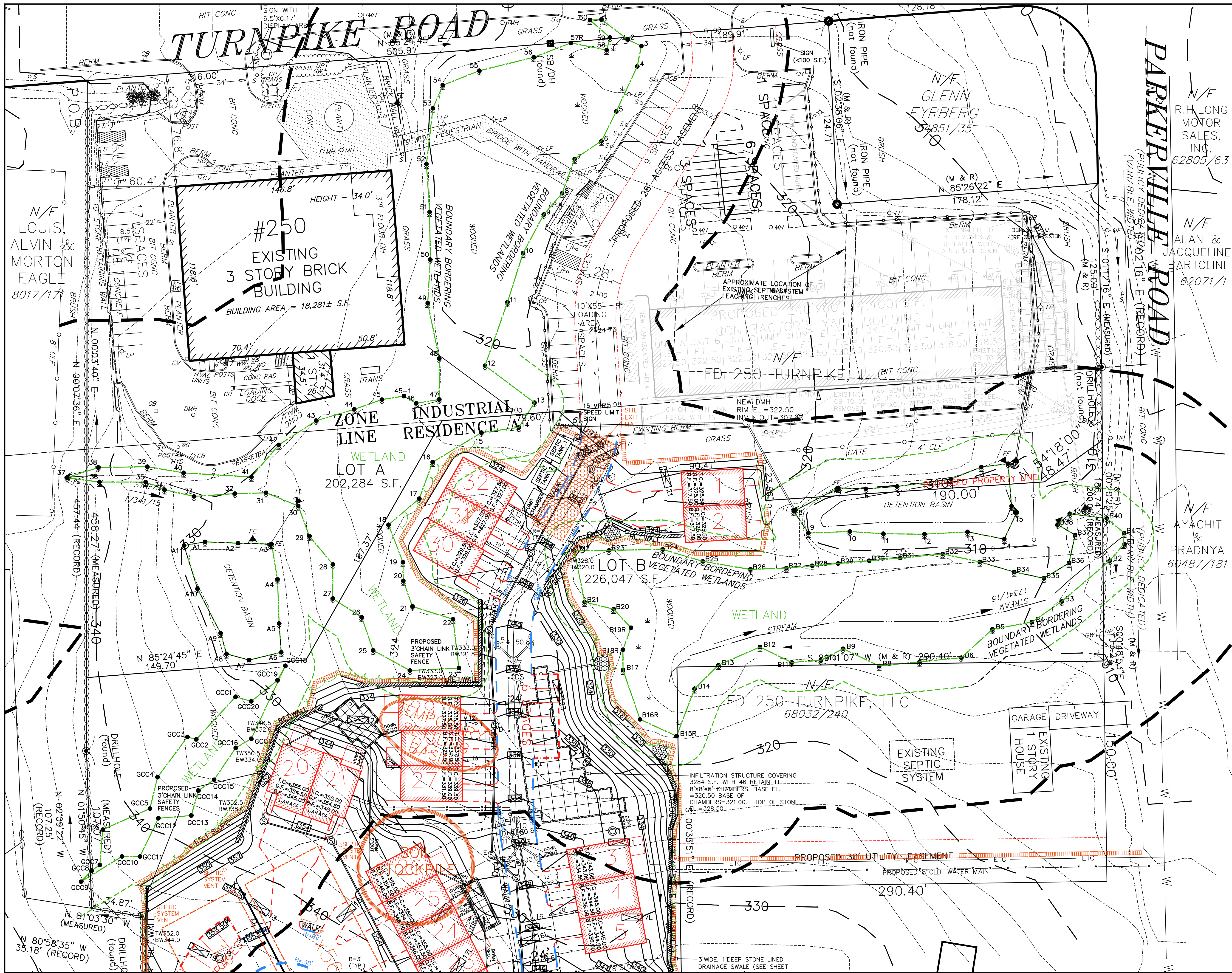
COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

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1/31/25	TOWN REVIEW		



SITE PLAN OF LAND
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OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
UTILITY PLAN U2



KEY

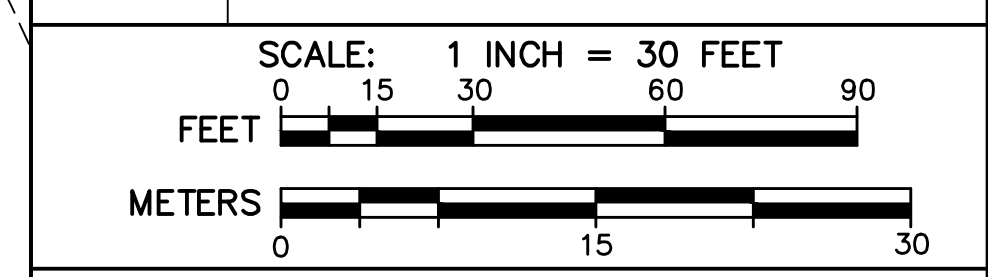
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- PROPOSED DRAIN MANHOLE
- PROPOSED SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER MAIN
- PROPOSED SEDIMENT CONTROL BARRIER

COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

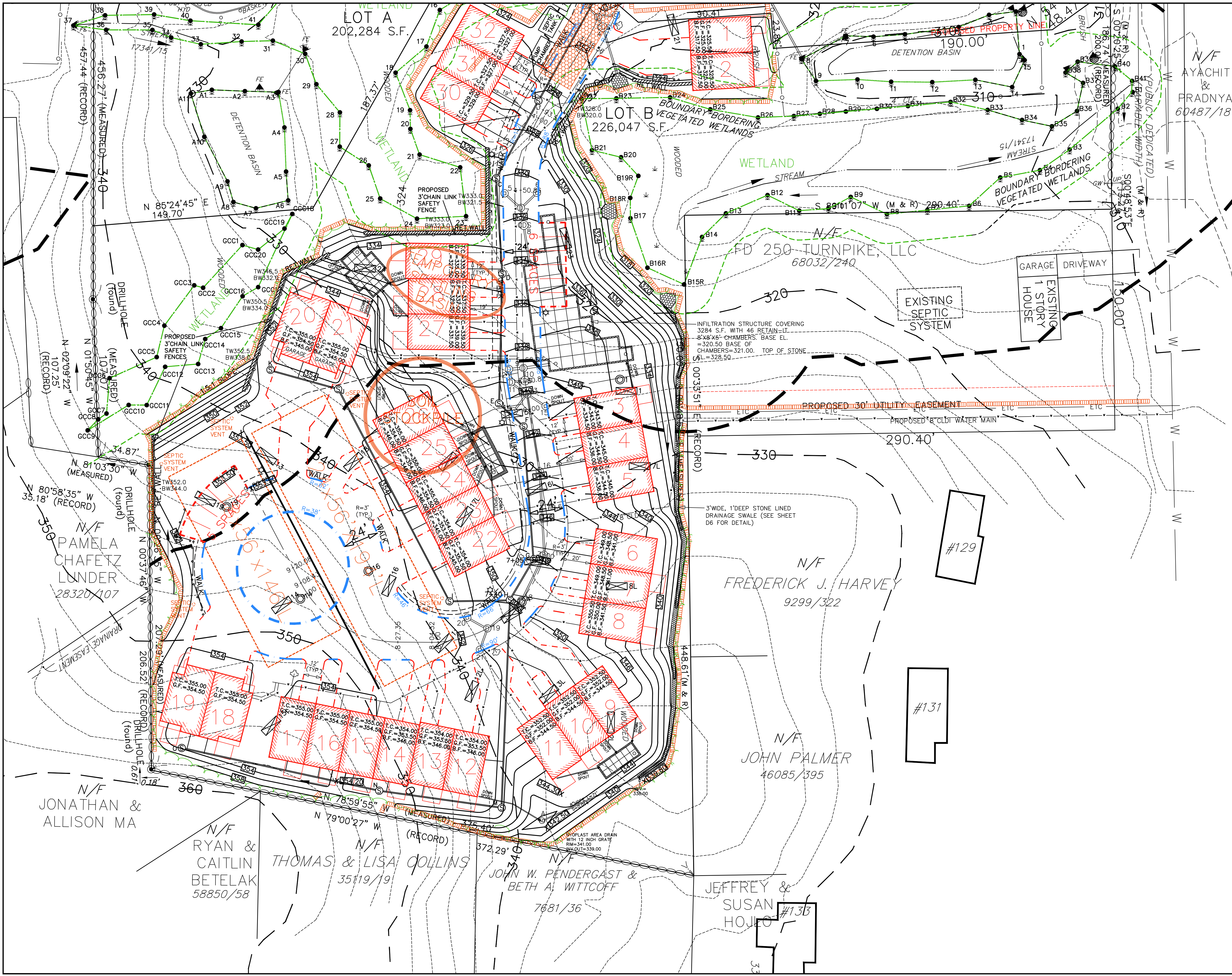
EXPEDITED ENGINEERING, LLC
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Telephone (508)-399-9993 james@expeditedengineers.com

JAMES I. TETREAU
CIVIL
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SITE PLAN OF LAND
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IN
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OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
EROSION & SEDIMENT CONTROL PLAN ESC1



KEY

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- STONE WALL
- PROPOSED TREE LINE
- PROPOSED EDGE OF PAVEMENT, MAIN DRIVE
- PROPOSED EDGE OF PAVEMENT, INDIVIDUAL UNIT'S DRIVE
- PROPOSED ELEVATION CONTOUR
- PROPOSED CATCH BASIN
- PROPOSED DRAIN MANHOLE
- PROPOSED SEWER MANHOLE
- PROPOSED HYDRANT
- PROPOSED WATER MAIN
- PROPOSED SEDIMENT CONTROL BARRIER

COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

EXPEDITED ENGINEERING, LLC
Professional Engineers & Erosion Control Specialists
118 Turnpike Road, Suite 300, Southborough, MA 01772
Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO. 502 **JOB NO. 245-502**

DATE: APRIL 15, 2024 **DWG. NO. 250TURNPIKECURRENT**

REVISIONS

DATE:	DESCRIPTION
11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES
1/31/25	TOWN REVIEW

SCALE: 1 INCH = 30 FEET

FEET 0 15 30 60 90

METERS 0 15 30

SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772

EROSION & SEDIMENT CONTROL PLAN ESC2

- NOTIFY DIG-SAFE AT 1-888-DIG-SAFE AND LOCAL AUTHORITIES PRIOR TO ANY TYPE OF SITE PREPARATION OR CONSTRUCTION.
- THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL AND MULCH IN SUFFICIENT QUANTITIES TO COMPLETE PLANTING AS SHOWN ON THE DRAWINGS.
- DRAWING QUANTITIES TAKE PRECEDENCE OVER PLANT LIST QUANTITIES.
- THE CONTRACTOR SHALL PROVIDE CONFORMITY TO NORTH BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
- ALL TREES AND SHRUBS SHALL BE PLANTED WITH THE "BEST FACE" SHOWING. ALL PLANTS SHALL BE BALLED AND DURLAPPED OR CONTAINER GROWN, UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.
- ALL CONTAINER GROWN STOCK SHALL BE HEALTHY, VIGOROUS, WELL ROOTED AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE GROWING. THEY SHALL HAVE LONGER ROOTS OF GOOD QUALITY THAN PLANTS THAT ARE IN A HEAVY GROWING CONDITION. A CONTAINER GROWN PLANT SHALL HAVE A WELL ESTABLISHED ROOT SYSTEM REACHING THE SIDES OF THE CONTAINER TO MAINTAIN A FIRM BALL.
- THE QUALITY OF ALL TREES & SHRUBS IS TO BE NORMAL FOR THE SPECIES. ALL PLANTS ARE TO HAVE DEVELOPED ROOT SYSTEMS, TO BE FREE OF INSECTS AND DISEASES AS WELL AS MECHANICAL INJURIES, AND IN ALL RESPECTS TO BE SUITABLE FOR PLANTINGS.
- THE CONTRACTOR SHALL PROVIDE NECESSARY BULBS, PLANTS AND PLANTING MATERIALS TO BE RECEIVED BY THE LANDSCAPE ARCHITECT.
- WHERE SPECIFIED, GAUPEL SIZE IS TO BE THE OVERRIDDING FACTOR IN TREE SELECTION. GAUPEL SIZE SHALL BE MEASURED 1" ABOVE THE ROOTBALL.
- PLANT SUBSTITUTIONS ARE NOT ALLOWED UNLESS APPROVED BY THE PROJECT LANDSCAPE ARCHITECT AND TOWN PLANNER.
- ALL PLANTS ARE TO BE GROWN IN A HEALTHY AND SOUND MANNER AND BE PLANTED AND BLENDED INTO THE EXISTING GRASS AND LANDSCAPE.
- PRIOR TO INSTALLING ANY PLANT MATERIAL, THE CONTRACTOR SHALL SUBMIT A LOAM SOIL SAMPLE FOR A ROUTINE, ORGANIC, SALTS, AND NITRATE SOIL TEST. UPON THE RESULTS OF THIS TEST, THE SITE CONTRACTOR SHALL AMEND THE LOAM AS RECOMMENDED.
- PRIOR TO PLANTING, THE LANDSCAPER SHALL REVIEW AND COORDINATE WITH THE SITE UTILITY PLAN AND GRADING PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES AND SHRUBS. TO ESTABLISH IN THE NEW SOIL, AT PLANTING, WATER THOROUGHLY TO SOAK THE ROOTS AND TO SETTLE THE NEW SOIL UNDER THE ROOT BALL. THE AMOUNT OF SUPPLEMENTAL WATER NEEDED EACH WEEK DURING THE FIRST GROWING SEASON AFTER PLANTING DEPENDS ON RECENT RAINFALL, TEMPERATURE, AND WIND. IF LESS THAN ONE-INCH OF RAIN HAS FALLEN OVER THE PAST FIVE TO SEVEN DAYS, THE NEW PLANTINGS MUST BE WATERED. LAWNES, TREES, AND SHRUBS WITH SMALL CROWN CANOPY ARE TO BE WATERED AT LEAST TWICE A WEEK. TREES WITH A CROWN CANOPY OF 10' OR MORE ARE TO BE WATERED ONCE IN THE LATE AFTERNOON. IN GENERAL TEN GALLONS OF WATER APPLIED TWICE A WEEK WILL WET A 2'-24" ROOT BALL AND PROVIDE THE EQUIVALENT OF ONE INCH OF RAIN FALL. NEW LAWNS SHALL BE WATERED SO THAT IT RECEIVES AT A MINIMUM ONE INCH (1") OF WATER EVERY WEEK.
- ALL LANDSCAPE BEDS ADJACENT TO THE RESIDENTIAL FOUNDATIONS, NO HEMLOCK, PINE, SPRUCE, OR CEDAR MULCH OR OTHER COMBUSTIBLE LANDSCAPE MATERIALS SHALL BE INSTALLED WITHIN 18" OF THE FOUNDATION.
- ALL OTHER LANDSCAPE BEDS SHALL RECEIVE THREE-INCHES OF BARK MULCH.
- LANDSCAPE AREAS SHALL BE DEEP TILLED TO A DEPTH OF TWELVE INCHES TO FACILITATE DEEP WATER PENETRATION.
- ANY TREE OR VEGETATION REMOVAL SHALL BE IN COORDINATION WITH THE PROJECT LANDSCAPE ARCHITECT AND WITH APPROVAL FROM THE PLANNING BOARD.
- LAWN SEED MIX SHALL BE THE PREVIOUS YEARS CROP. 35% JEFFERSON KENTUPLY BLUEGRASS, 35% CARMAN CHIEWING FESCUE AND 30% STALLION PERENNIAL RYEGRASS, OR APPROVED EQUIV. PLANT AT A RATE OF 1 LB. PER 150 SQUARE FEET.
- SLURRY SHALL BE APPLIED AT A RATE OF 1/2 LB. PER 150 SQUARE FEET. SEED MIX SHALL COVER 1/2 LB. PER 150 SQUARE FEET. PERENNIAL RYE 10%, CREeping RED FESCUE 50%, ANNUAL RYE GRASS 15%, JEFFERSON KENTUPLY BLUE GRASS 10%, RED TOP CLOVER 5%, AND LADINO CLOVER 5%, OR APPROVED EQUIV. PLANT AT A RATE OF 1 LB. PER 150SF.
- LAWN SEED AREAS SHALL NOT BE DEEMED ACCEPTABLE UNTIL, IN EXCESS OF 90% OF EACH AREA, AND INDEPENDENTLY, GROWING AND DEVELOPING HEALTHY TURF GRASS HAS BEEN CUT TWO TIMES BY THE CONTRACTOR IN RESPONSE TO A MINIMUM OF 1 INCH OF WATER A WEEK UNTIL THE SEEDBED AREA HAS BEEN ACCEPTED. THE WATERING SHALL OCCUR IN SMALL DOSES. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY WEEDS (GRAB GRASS) WITHIN THE SEEDBED AREAS UNTIL THE SEEDBED AREAS HAVE BEEN ACCEPTED.
- THE HYDRO SEED SLURRY SHALL BE A 1/4-DM (HIGH PERFORMANCE) FLEXIBLE GROW MEDIUM (FLEXTERA®). THE APPLICATION RATE SHALL BE 4-6 GALLONS PER 1000 SQUARE FEET IN AT LEAST TWO DIRECTIONS. DO NOT APPLY HYDRO SEED SLURRY IF RAIN IS EXPECTED WITHIN 12 HOURS, AND WHEN TEMPERATURES ARE BELOW 50 DEGREES.

- NOTES: 1
1. STAKE TO MAIN BRANCHES AS NECESSARY FOR FIRM SUPPORT.
2. PLANT SO THAT TOP OF ROOT BALL IS EVEN WITH THE FINISHED GRADE.
3. GUY WIRE SHALL NOT TOUCH OR RUB ADJACENT TRUNKS OR BRANCHES.
4. REMOVE ALL CONTAINERS AND BASKETS FROM ROOT BALL.
5. REMOVE BURLAP FROM TOP ONE THIRD OF ROOT BALL.
6. EXPOSE ROOT FLARE FOR NEW PLANTINGS
7. LOOSEN ROOTBALL PRIOR TO PLANTING.

REMOVE ANY OTHER VEGETATION.)

PLANT SHRUB AT DEPTH EQUAL TO 2" LESS THAN THE DISTANCE FROM BOTTOM OF ROOTBALL TO ROOT COLLAR.

CUT AND REMOVE BURLAP FROM ENTIRE ROOTBALL.

3" MULCH (UNLESS OTHERWISE NOTED ON PLANS.)

MOUND WITH EXCAVATED SOIL TO 3" ABOVE FINISHED GRADE.

BAILFILL WITH PLANTING MIX AND LEAF COMPOST

ROOTBALL ON UNDISTURBED SUBGRADE.

3-5 x ROOTBALL DIA. (MIN.)

N/F
JONATHAN &
ALLISON MA

N/F
JONATHAN &
ALLISON MA

N/F

THOMAS & LISA COLLINS
35119/19

JOHN W. PENDERGAST &
BETH A. WITTCOFF

7681/36

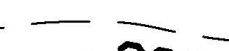
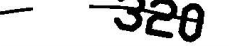
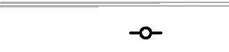
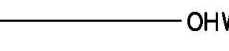
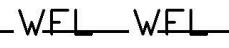
N/F
FD 250 TURNPIKE, LLC

INDUSTRIAL
RESIDENCE A

PARKERVILLE ROAD

N/F
AYACHIT
&
PRADNYA
60487/181

KEY

-  2' CONTOUR
-  10' CONTOUR
-  EXISTING EDGE OF PAVEMENT
-  UTILITY POLE
-  OHW OVERHEAD WIRES
-  WETLAND EDGE
-  100' BUFFER ZONE EDGE
-  STONE WALL
-  EXISTING TREE LINE
-  PROPOSED EDGE OF PAVEMENT

COMPREHENSIVE PERMIT PLAN APPROVED
BY THE SOUTHBOROUGH ZONING BOARD
OF APPEALS ON _____

Qty./Key	Common Name	Botanical Name	Size	Remarks
TREES				
4	AC	Red Maple	3" Col.	B&B
18	AS	Shadblow Serviceberry	12" Ht.	B&B(Singlestem)
3	BL	Yellow Birch	12" Ht.	B&B(Multi-stem)
2	BP	Gray Birch	12" Ht.	B&B(Multi-stem)
21	CP	Pagoda Dogwood	3" Col.	B&B
3	CW	Washington Hawthorn	3" Col.	B&B
45	JV	Eastern Red Cedar	8' Ht.	B&B
3	NS	Black Tupelo	3" Col.	B&B
8	PB	White Spruce	8' Ht.	B&B
3	QP	Pin Oak	3" Col.	B&B
46	TA	Eastern Arborvitae	8' Ht.	B&B
9	TS	Canadian Hemlock	8' Ht.	B&B
SHRUBS				
8	CS	Red twig Dogwood	36"Ht.	B&B
6	JS	Winterberry	36"Ht.	B&B
25	KL	Mountain Laurel	48" Ht.	B&B
5	MP	Northern Bayberry	4' Ht.	B&B
4	PO	Common Ninebark	36"Ht.	B&B
8	RA	Roseshell Azalea	36" Ht.	B&B
9	RS	Great Laurel	36"Ht.	B&B



EXPEDITED ENGINEERING, LLC
Professional Engineers & Erosion Control Specialists
 118 Turnpike Road, Suite 300, Southborough, MA 01772
 Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO. 502	JOB NO. 245-502
DATE: APRIL 15, 2024	DWG NO. 250TURNPIKECURRENT

REVISIONS	
DATE:	DESCRIPTION
11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES
01/31/25	REVISIONS

SCALE: 1 INCH = 30 FEET

0 15 30 60 90

FEET

0 15 30

METERS

SITE PLAN OF LAND

AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.

OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772

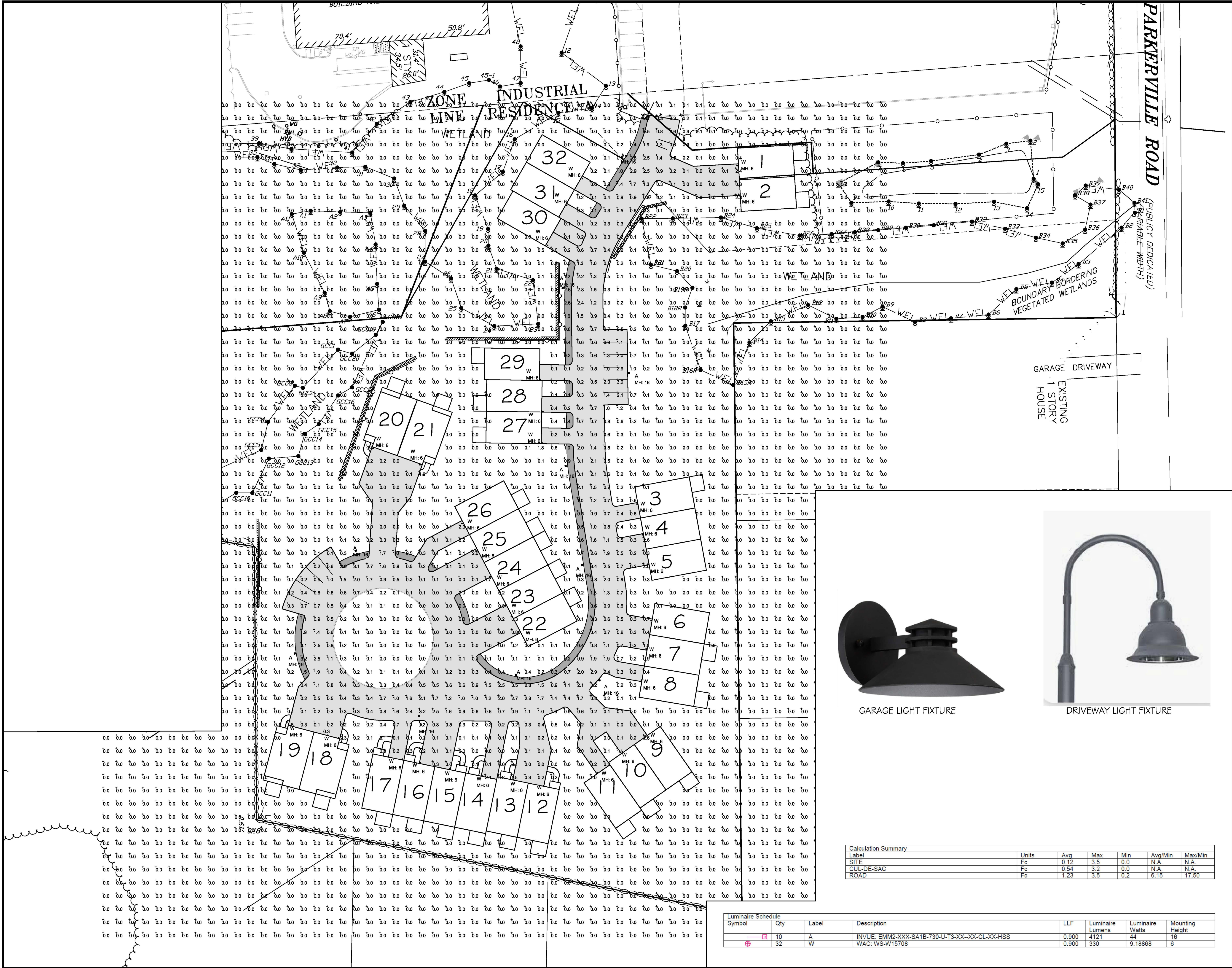
LANDSCAPE PLAN LS2

LS2

FOUNDATION PLANTING EXHIBIT

	Key	Common Name	Botanical Name	Size	Remarks
SUGGESTED FOUNDATION PLANTINGS					
	CA	Summersweet Clethra	<i>Clethra alnifolia</i>	#7 Pot	Container Grown
	CH	Golden St. John's wort	<i>Hypericum frondosum</i>	#7 Pot	Container Grown
	CI	Silky Dogwood	<i>Cornus amomum</i>	36" Ht.	B&B
	CR	Gray Dogwood	<i>Cornus racemosa</i>	36" Ht.	B&B
	HD	Bushy St. John's Wort	<i>Hypericum densiflorum</i>	36" Ht.	B&B
	HQ	Hardback Spirea	<i>Spirea tomentosa</i>	#5 Pot	Container Grown
	IV	Winterberry	<i>Ilex verticillata</i>	36" Ht.	B&B
	JV	Canadian Yew	<i>Taxus canadensis</i>	36" Ht.	B&B
	KE	Sweet pepperbush	<i>Clethra alnifolia</i>	36" Ht.	B&B
	MP	Northern Bayberry	<i>Myrica pensylvanica</i>	36" Ht.	B&B

THE LANDSCAPE BEDS ADJACENT TO THE RESIDENTIAL FOUNDATIONS, NO (HEMLOCK, PINE, SPRUCE, OR CEDAR) MULCH OR OTHER COMBUSTIBLE LANDSCAPE MATERIALS SHALL BE INSTALLED WITHIN 18" OF THE FOUNDATION



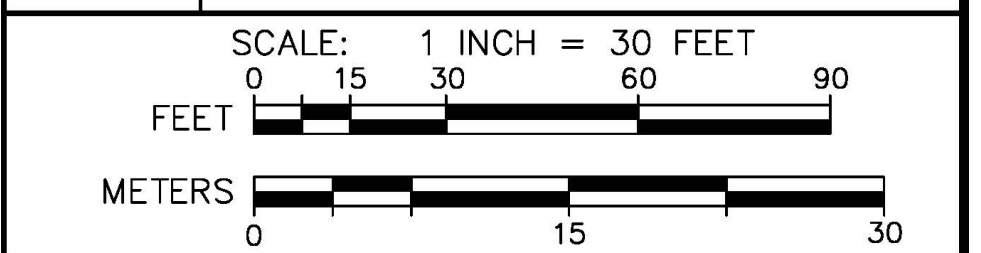
KEY

- 2' CONTOUR
- 10' CONTOUR
- EXISTING EDGE OF PAVEMENT
- UTILITY POLE
- OHW
- OVERHEAD WIRES
- WETLAND EDGE
- 100' BUFFER ZONE EDGE
- STONE WALL
- EXISTING TREE LINE
- PROPOSED EDGE OF PAVEMENT

COMPREHENSIVE PERMIT PLAN APPROVED BY THE SOUTHBOROUGH ZONING BOARD OF APPEALS ON _____

EXPEDITED ENGINEERING, LLC
Professional Engineers & Erosion Control Specialists
118 Turnpike Road, Suite 300, Southborough, MA 01772
Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO.	502	JOB NO.	245-502
DATE:	APRIL 15, 2024	DWG NO.	250TURNPIKECURRENT
REVISIONS			
DATE:	DESCRIPTION		
11/20/24	FROM SINGLE BUILDING TO TOWNHOUSES		
01/31/25	REVISIONS		

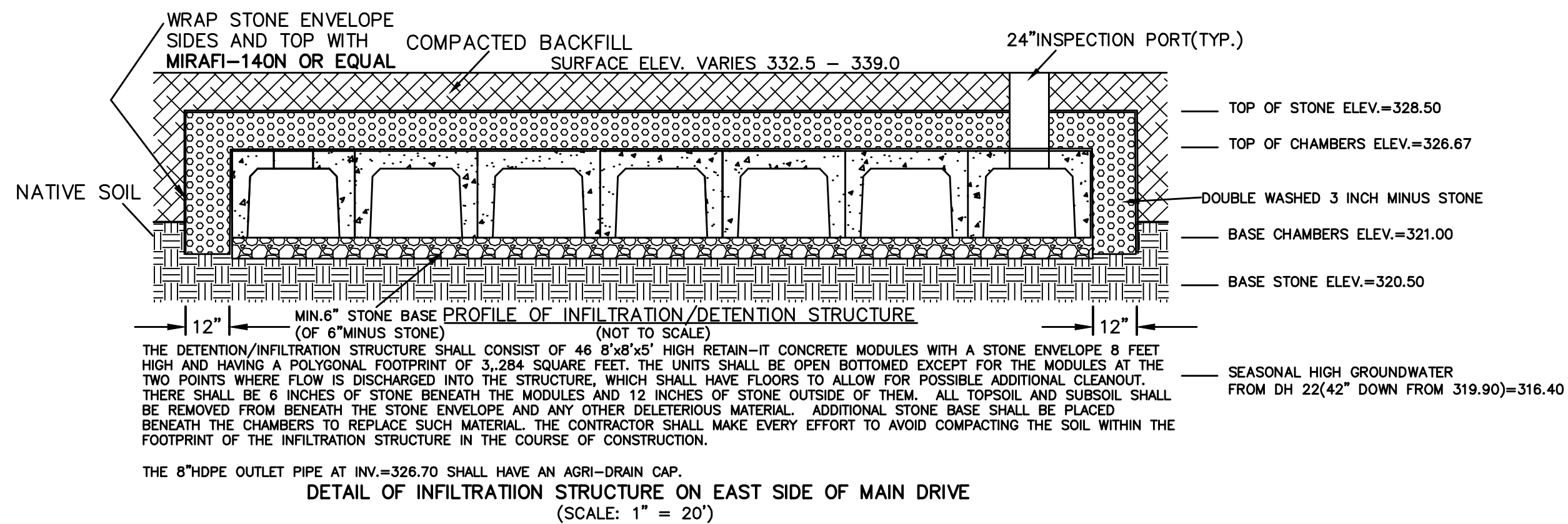
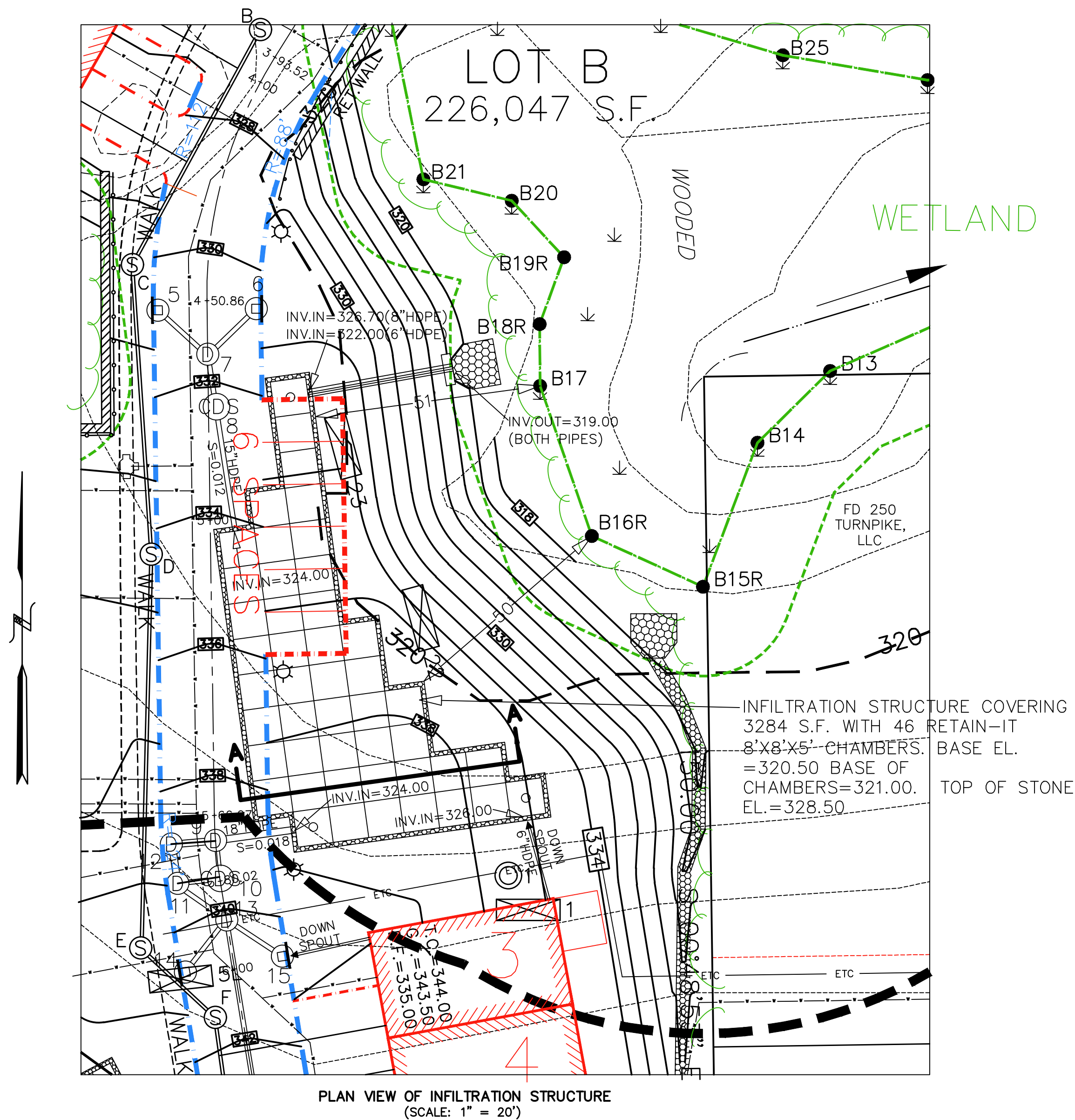
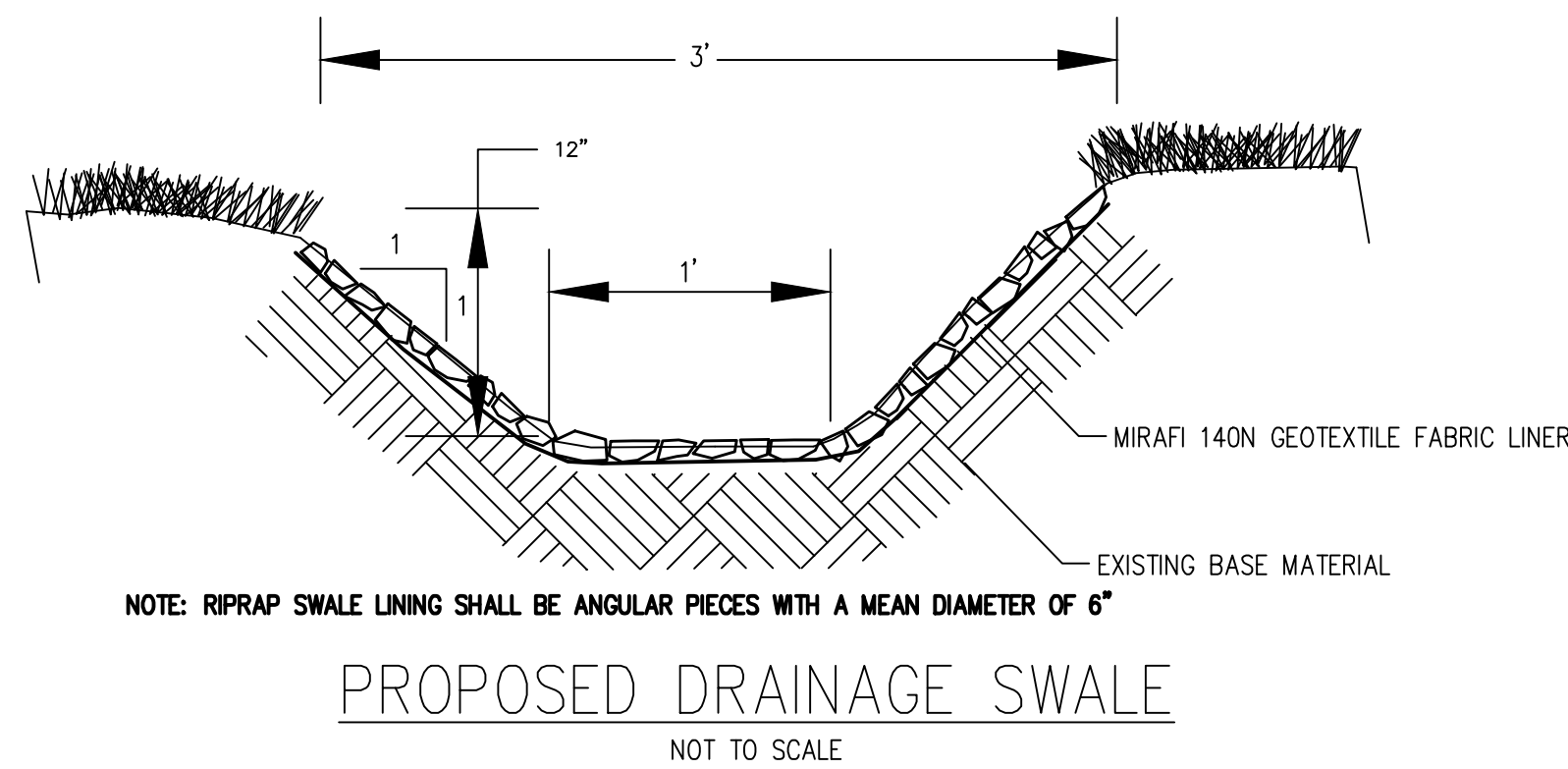


SITE PLAN OF LAND

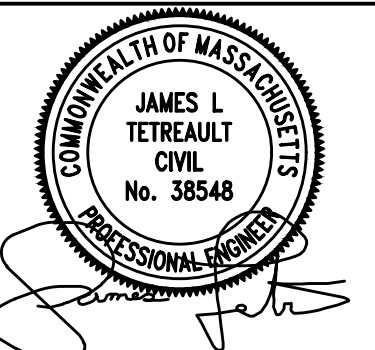
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.

OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772

LIGHTING PLAN LS2



COMPREHENSIVE PERMIT PLAN APPROVED BY
THE SOUTHBOROUGH ZONING BOARD OF
APPEALS ON _____



EXPEDITED ENGINEERING, LLC

Professional Engineers & Erosion Control Specialists
118 Turnpike Road, 300, Southborough, MA 01772
Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO.	504	JOB NO.	290-504
DATE:	NOVEMBER 20, 2024	DWG NO.	250TURNPIKECURRENT
REVISIONS			
DATE:	DESCRIPTION		
1/31/25	TOWN REVIEW		

SCALE: AS NOTED

SITE PLAN OF LAND

AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.

OWNER & APPLICANT:

FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772

POLLUTION PREVENTION PLAN
FOR
250 TURNPIKE ROAD, SOUTHBOROUGH, MA

PROJECT DESCRIPTION

This is a proposal to develop this site and construct 32 townhouse units for rent along with associated parking and driving aisles and necessary utility infrastructure on Lot B, having an area of 5.19 acres.

Construction will take place in a single phase and is expected to last from the winter of 2024/2025 into the fall of 2026. Total site alteration will be approximately 3.5 acres.

Construction Process
Before construction begins, erosion control barriers consisting of silt fencing attached to posts and backed by staked straw wattles will be placed at the limit of work as shown on the Erosion & Sediment Control Plans, Sheets ESC1–ESC2.

The first step of the construction process will be the cutting of trees within the limits of proposed development. After this has been accomplished in the demarcated areas, clearing and grubbing will take place and loam will be stockpiled in the area of proposed unit 25. Stumps will be ground on site to use the grindings as temporary stabilization. Temporary settling basins will be installed downgradient of work where appropriate with one suggested location shown, in the area of proposed unit 28.

The time of construction requiring the most attention and care occurs between the stripping of natural overburden and the stabilization of construction areas. Cut and fill areas create additional risk by increasing the possibility of stormwater runoff causing erosion.

The contractor will, to the extent possible, leave natural cover untouched at the edges of the property and surrounding the wetland. The contractor will limit to the shortest time possible the time that areas are exposed. The landscaping will be completed as early as weather and building construction allow. During the times between clearing and landscaping, soils will be stabilized with a combination of stump grindings, wood chips, hay/straw mulch, temporary grass seeding and other measures as necessary to prevent any significant erosion of soils.

Soil stockpile areas will be kept as far from wetlands and ponds as possible on site. Soil stockpiles shall be surrounded by staked silt fence placed at least 5 foot off the toe of slope of the stockpile. One suitable stockpile location is shown in the area of proposed unit 25.

In conjunction with the site grading process, a number of sedimentation control procedures will be followed. The object of the procedures is to prevent the erosion of soils and the transport of sediments to adjacent properties and eventually to wetland resource areas off site.

Stabilization
Temporary and permanent stabilization of disturbed surfaces is the most reliable method of preventing the erosion and transport of site soils. Toward that end, the areas that are disturbed will be provided temporary stabilization within two weeks after the last disturbance when:
– Work is not complete in that area,
– Work will remain incomplete for a period of two weeks or more, and
– The planting season has not been reached in areas which will be re–vegetated.

Permanent stabilization will take place when:
– Work is complete in that area and
– The planting season has been reached and areas can be revegetated.

Best Management Practices Employed
To guard against the transport of soils offsite several Best Management Practices (BMP's) may be employed. Sediment control barriers, sediment sumps, temporary settling basins, straw bale check dikes, swales, a site entrance mat, flocculants in both crystal and block forms, and organic media for capture of silt below flocculants may be used on this site as appropriate. All of these measures are temporary. The site's permanent protection against erosion and the deposition of sediment off site at resource areas is the permanent stabilization of formerly exposed surfaces with pavement, lawn and other landscaping.

Soils
According to the MassMapper web site the soils underlying this site are Woodbridge series soils which are categorized as hydrologic soil group C soils and Canton series soils categorized as hydrologic soil group B soils.

Resource Areas
There are multiple bordering vegetated wetland on site, the boundaries of which have already been confirmed by an Order of Conditions.

SITE PLAN DEVELOPMENT
As part of the Site Plans submitted to the Town of Southborough, Expedited Engineering, LLC has prepared this erosion and sediment control plan calling for permanent and temporary erosion control measures. There is an existing draining system on Lot A to the north of the proposed development but no connection to that drainage system is proposed.

PHASING
Construction of the project will take place in one phase. Total site alteration will be approximately 3.5 acres.

POLLUTION PREVENTION SITE PLAN
The Site Plans prepared by Expedited Engineering, LLC contain Erosion & Sediment Control Plans. Various Best Management Practices (BMP's) are described herein and/or shown on the Erosion & Sediment Control Plans or the Detail Sheets and will be used to prevent or to mitigate erosion and pollution.

INSPECTION AND MAINTENANCE OF EROSION CONTROLS
1. At all times, siltation fabric fencing, straw wattles or straw bales and stakes sufficient to construct an erosion control barrier a minimum 25 feet long will be stockpiled on the site in order to repair established barriers which may have been damaged or breached.

2. The Developer will designate as Inspector a person or entity other than the site supervisor. The Inspector must be accessible seven days a week and be responsible for inspecting and coordinating the maintenance and repair of all erosion control systems on the site.

3. An inspection of all erosion control measures shall be conducted by the Inspector at least once each week until the completion of construction of the subdivision. The Contractor shall inspect all erosion control systems daily and shall notify the Inspector of any breaches or failures. In case of any noted breach or failure, the Contractor shall immediately make appropriate repairs.

4. The Inspector shall inspect all erosion control systems on the site before, during and after any storm event reaching one of the following thresholds:
a. Any storm in which rain is predicted to last for 12 consecutive hours or more.
b. Any storm for which a flash flood watch or warning is issued.
c. Any single storm predicted to have a cumulative rainfall greater than 1/4 inch.
d. Any storm event not meeting the previous three thresholds but which would mark the third consecutive day of measurable rainfall.

5. The Inspector shall inspect erosion control measures at times of significant increase in runoff due to rapid thawing when the risk of failure of those measures is significant.

6. In such instances as remedial action is necessary, the Inspector shall cause to be repaired within seven days, any and all significant deficiencies in erosion control measures.

7. The Southborough Conservation Commission shall be notified of any significant failure of erosion control measures and shall be notified of any release of pollutants.

SEPTIC SYSTEM DESIGN:

- 1) THE 32 PROPOSED UNITS WILL HAVE A TOTAL OF 68 BEDROOMS. UNDER TITLE 5, THIS CREATES A SEWAGE FLOW GENERATION OF 68X110=7480 GALLONS PER DAY.
- 2) PERCOLATION TESTS #'S 14, 16 AND 19 IN THE PROPOSED SOIL ABSORPTION SYSTEM AREA, HAD OFFICIALLY OBSERVED PERCOLATION RATES OF 5, 6 AND 20 MINUTES PER INCH. THE SYSTEM DESIGN WILL BE BASED ON A 20 MINUTE PER INCH PERCOLATION RATE WHICH, ACCORDING TO THE TABLE AT 310CMR 15.242(1) GIVES A LONG TERM ACCEPTANCE RATE OF 0.53 GPD/S.F. TO THE PROPOSED SOIL ABSORPTION SYSTEM.
- 3) 7,480 GPD REQUIRES A SYSTEM SURFACE AREA OF 7,480/0.53 =14,113 S.F. USING 2' WIDE AND 2' DEEP TRENCHES, EACH 1' LENGTH OF TRENCH HAS 6 S.F. OF SURFACE AREA. SO 14,113/6=2,352 FEET OF TRENCH THAT IS REQUIRED.
- 4) OUR DESIGN WILL PROPOSE 42 TRENCHES EACH 56 FEET LONG, SPLIT 18 EAST AND 24 WEST OF A CENTRAL MANIFOLD FOR A TOTAL OF 2,352 FEET OF TRENCHES THAT WILL BE FED FROM A PUMP CHAMBER, WITH RESERVE TRENCHES IN BETWEEN.

EROSION CONTROL DEVICES OR PROCESSES

1. Sediment Control Barrier
The sediment control barrier will consist of an approved siltation fabric fencing installed on posts according to the manufacturer's instructions and backed by staked straw wattles. The barriers will be placed in a manner that prevents the passage of soil materials under, around or over it. Sediment will be removed from against the barrier when the accumulated sediment has reached one third of the original installed height of the barrier.

2. Straw Bale Diversion Dike
Straw bales will be placed in other locations on the site in order to further prevent the flow of sediment from the site or reduce the velocity of runoff crossing open land or running off stockpile or fill areas. Straw bale diversion dikes will also be placed within developing rills to reduce surface runoff velocities and to shift the path of the water flow. The locations where straw bale diversion dikes are installed will be determined in the field at the Inspector's discretion.

3. Slope Stabilization
Slopes or surfaces that are created due to excavation or filling along the edge of the parking or loading areas will be temporarily stabilized with one or more of the following:
– Straw mulch with tackifier
– Soft wood and hard wood chips or stump grindings.
Permanent stabilization of slopes and surfaces will employ one or more of the following:
– 6 inches of loam and grass
– Sod
– Riprap
– Erosion control blankets such as Tensar North American Green SC150BN or approved equal and vegetation
– Mulch and landscaping plantings
– A combination of grasses, riprap and/or plants and shrubbery
– In areas that will be steeper than 2:1, after construction, the slope will be stabilized by the placement of heavy riprap or by the installation of erosion control matting specifically rated by the manufacturer for use on a 1:1 slope. The riprap slope will be formed by placing heavy stone on a one foot thick layer of gravel that is covered by an approved filter fabric.

4. Diversion Swale
Runoff diversion swales may be provided in order to intercept sheet and concentrated flows above areas of cut or fill. The swales will direct runoff to sediment sumps or temporary settling basins. The swales will be approximately 5 feet wide and one foot deep. Straw bale diversion dikes may be installed on the downhill side of the swales to assist in containing the water flow.

5. Sediment Sumps
Sediment sumps are excavated depressions of 10 foot diameter and 2 foot depth. The sumps will collect runoff from unfinished drives and slopes and will allow sediment to settle out before flow continues to a detention area or siltation control barrier. Sediment sumps will be cleaned whenever the accumulated sediment has reached one half of the original depth of the sump.

6. Temporary Settling Basins
Temporary settling basins (TSB's) are larger excavations made at locations that will receive significant stormwater runoff flow. They are used to capture and detain stormwater in the construction phase to settle out some eroded material and to lessen the rate of flow of stormwater from construction phase work areas. Temporary settling basins are larger than sediment sumps and shall have silt fence or straw bale dikes at their entrance and exit to control flow. They shall be sized according to the DEP Stormwater management standards which requires that they have sufficient capacity to hold 1 inch of runoff from the watershed contributing flow to them. For example, a TSB receiving flow from 1 acre of land should have a volume capacity of at least 3,630 square feet. TSB's should have flocculant blocks and at least three layers of jute mesh matting at their outlet. TSB's should be cleaned out whenever the accumulated sediment has reached more than 6 inches deep. No TSB shall be located where the proposed infiltration structures are proposed.

7. Flocculants
If the capture of flows in sediment sumps and temporary settling basins does not sufficiently reduce the turbidity of runoff before it leaves the site, flocculant blocks shall be installed at the outlet of any sediment sump, TSB or swale discharge flow to the site's drainage system. Immediately downstream of the flocculant blocks, a suitable organic media such as jute mesh matting shall be installed over stone for runoff that has contacted the flocculant blocks to flow. This will allow capture of silts.

In addition, crystal flocculants may be used to reduce turbidity of captured runoff in sediment sumps and temporary settling basins.

SEQUENCE OF INSTALLATION AND CONSTRUCTION

The following is a sequence for the construction of the project. The actual schedule may vary somewhat from that stated if site or weather conditions require.

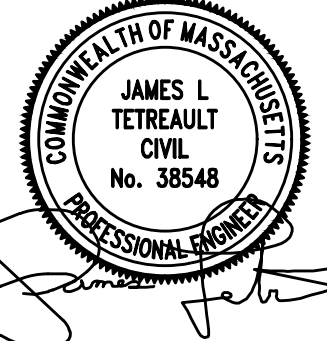
An example of a logical change to the schedule would be deviating from the sequence below to allow the laying of berms prior to a freeze in order to better control the site drainage.

1. The Developer will hold a preconstruction meeting with representatives of the Town of Southborough in order to review permits, procedures and construction methods.
2. The Developer will hold a preconstruction meeting with the Engineer, Contractor's employees and the Inspector in order to review permits, procedures and construction methods.
3. Establish the construction entrance to the site at the southwest corner of the lower parking lot on Lot A.
4. Install the site entrance mat in that location and install sediment control barriers at the limit of work as shown on the Erosion & Sediment Control Plans.
5. Cut trees as necessary for the proposed development but no further. Chip wood and then clear and grub where trees were cut. Grind stumps for use of the grindings as a temporary stabilization cover.
6. Stockpile and compact excavated loam in an area surrounded by staked straw bales or siltation fencing. The suggested location is in the area of proposed unit 25. Place the straw bales or fencing at least five feet from the base of the loam pile.
7. Begin earthwork to bring driveway areas to subgrade and unit areas to basement grades.
8. Begin installation of utilities and construction of townhouse units.
9. Make utility connections to townhouses under construction and install the new septic system.
10. Put down a base course of pavement and continue construction of the townhouse units and install the infiltration strutures as well as proposed retaining walls.
11. Permanently stabilize exposed slopes with 6 inches of loam and grass, erosion control matting, other vegetation and landscaping.
12. Finish townhouse construction including interiors only then put down a finish course of pavement.
- 13 Remove accumulated sediment and temporary erosion control measures after all slopes have been permanently stabilized and the risk of erosion has passed.
14. Prepare and submit an as–built survey of the work to the Town of Southborough.

WETLAND DELINEATION

WETLANDS SHOWN ON SITE WERE DELINEATED BY GODDARD CONSULTING, LLC AND THEN REVIEWED BY THE SOUTHBOROUGH CONSERVATION COMMISSION AND CONFIRMED IN THE ORDER OF CONDITIONS UNDER DEP FILE 290–1109 AND RECORDED AT THE WORCESTER DISTRICT REGISTRY OF DEEDS AT BOOK 69915 PAGE 137.

COMPREHENSIVE PERMIT PLAN APPROVED BY
THE SOUTHBOROUGH ZONING BOARD OF
APPEALS ON _____

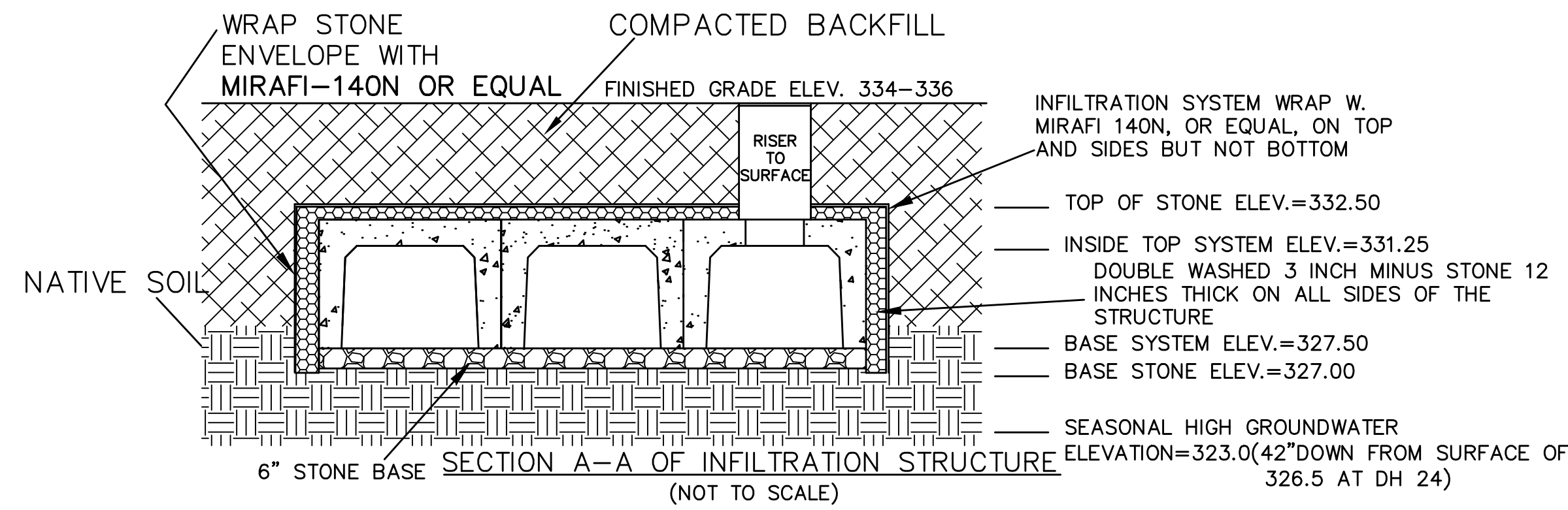


EXPEDITED ENGINEERING, LLC
Professional Engineers & Erosion Control Specialists
118 Turnpike Road, 300, Southborough, MA 01772
Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO.	JOB NO.
504	290–504
DATE: NOVEMBER 20, 2024	DWG NO. 250TURNPIKECURRENT
REVISIONS	
DATE:	DESCRIPTION
1/31/25	TOWN REVIEW

SCALE: AS NOTED

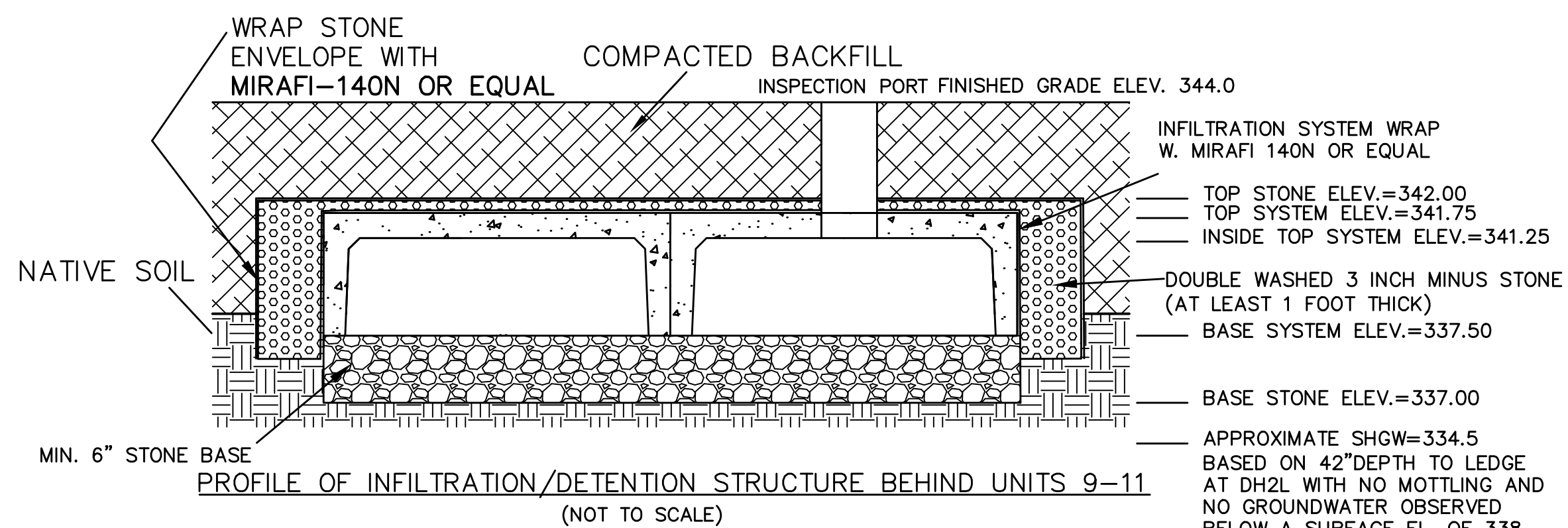
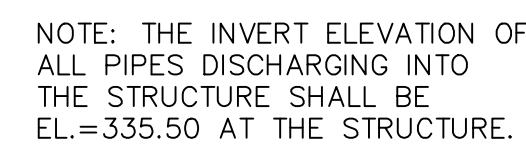
SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 120 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772



- 1) THE DETENTION/INFILTRATION STRUCTURE SHALL CONSIST OF 27 SHEA PRECAST 300 GALLON DRYWELLS (OR APPROVED EQUAL) EACH MEASURING 54"x54"x51" HIGH AND INSTALLED TO CREATE A STRUCTURE WITH AN OVERALL FOOTPRINT OF 589 SQ.FT. AND A HEIGHT OF 5.5 FEET.
- 2) THE UNITS SHALL BE OPEN BOTTOMED.
- 3) THERE SHALL BE ONE FOOT OF DOUBLE WASHED CRUSHED STONE SURROUNDING THE INFILTRATION STRUCTURE ON ALL SIDES, SIX INCHES BELOW THEM AND 15 INCHES ABOVE THEM. IF UNSUITABLE MATERIALS SUCH AS FILL, MULCH, TOPSOIL OR SUBSOIL ARE DISCOVERED BELOW THE PROPOSED BASE STONE ELEVATION IN THE AREA OF THE SYSTEM, THAT UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH MORE DOUBLE WASHED CRUSHED STONE.
- 4) ACCESS PORTS SHALL BE INSTALLED AS SHOWN ON THE PLAN VIEW WITH A RISER INSTALLED TO BRING THE ACCESS TO THE SURFACE.
- 5) THIS STRUCTURE SHALL RECEIVE ALL THE ROOF RUNOFF FROM UNITS 20, 21 AND 29 AND THE BACK HALVES OF THE ROOFS OF UNITS 26, 27 AND 28 VIA DOWNSPOUTS PIPED BY 6"HDPE PIPES TO THE STRUCTURE.
- 6) THE INVERT ELEVATION OF ALL PIPES DISCHARGING INTO THIS STRUCTURE SHALL BE EL.=330.50 AT THE STRUCTURE.

INFILTRATION STRUCTURE

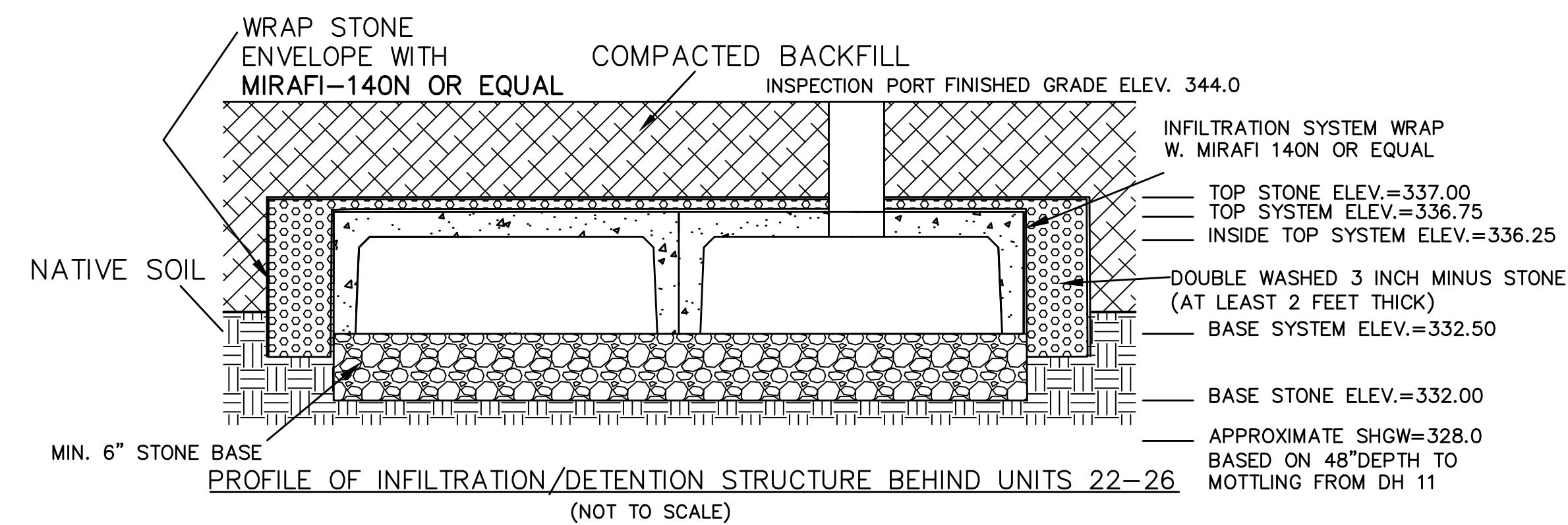
(NOT TO SCALE)



THE DETENTION/INFILTRATION STRUCTURE SHALL CONSIST OF 12 SHEA PRECAST 300 GALLON DRYWELLS (OR APPROVED EQUAL) EACH MEASURING 54"x54"x51" HIGH AND INSTALLED TO CREATE A STRUCTURE WITH AN OVERALL FOOTPRINT OF 270 SQ.FT. AND AN HEIGHT OF 5 FEET. THE UNITS SHALL BE OPEN BOTTOMED THERE SHALL BE ONE FOOT OF CRUSHED STONE SURROUNDING THE INFILTRATION STRUCTURE ON ALL SIDES AND 6 INCHES BELOW.

THE INFILTRATION STRUCTURE WILL RECEIVE DISCHARGE FROM THE DOWNSPOUTS OF ALL OF UNIT 9 AND THE BACKS OF UNITS 10 AND 11.

ANY FILL, TOPSOIL, SUBSOIL OR OTHER INAPPROPRIATE MATERIAL MUST BE REMOVED FROM BENEATH THE INFILTRATION STRUCTURE BEFORE STONE IS PLACED BENEATH THE UNITS.



THE DETENTION/INFILTRATION STRUCTURE SHALL CONSIST OF 14 SHEA PRECAST 300 GALLON DRYWELLS (OR APPROVED EQUAL) EACH MEASURING 54"x54"x51" HIGH AND INSTALLED TO CREATE A STRUCTURE WITH AN OVERALL FOOTPRINT OF 270 SQ.FT. AND AN HEIGHT OF 5 FEET. THE UNITS SHALL BE OPEN BOTTOMED THERE SHALL BE ONE FOOT OF CRUSHED STONE SURROUNDING THE INFILTRATION STRUCTURE ON ALL SIDES AND 6 INCHES BELOW.

THE INFILTRATION STRUCTURE WILL RECEIVE DISCHARGE FROM THE DOWNSPOUTS ON THE BACKS OF UNITS 22 THROUGH 26.

ANY FILL, TOPSOIL, SUBSOIL OR OTHER INAPPROPRIATE MATERIAL MUST BE REMOVED FROM BENEATH THE INFILTRATION STRUCTURE BEFORE STONE IS PLACED BENEATH THE UNITS.

COMPREHENSIVE PERMIT PLAN APPROVED BY
THE SOUTHBOROUGH ZONING BOARD OF
APPEALS ON _____.



EXPEDITED ENGINEERING, LLC

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Telephone (508)-399-9993 james@expeditedengineers.com

CLT. NO.	504	JOB NO.	290-504
DATE:	NOVEMBER 20, 2024	DWG NO.	250TURNPIKECURRENT
REVISIONS DESCRIPTION			
DATE:			
1/31/25	TOWN REVIEW		

SCALE: AS NOTED

SITE PLAN OF LAND

AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.

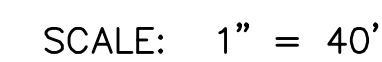
OWNER & APPLICANT:

FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772

(ROUTE 9)
(1930 STATE LAYOUT)
(PUBLICLY DESIGNATED - 120' WIDE)

TURNPIKE ROAD

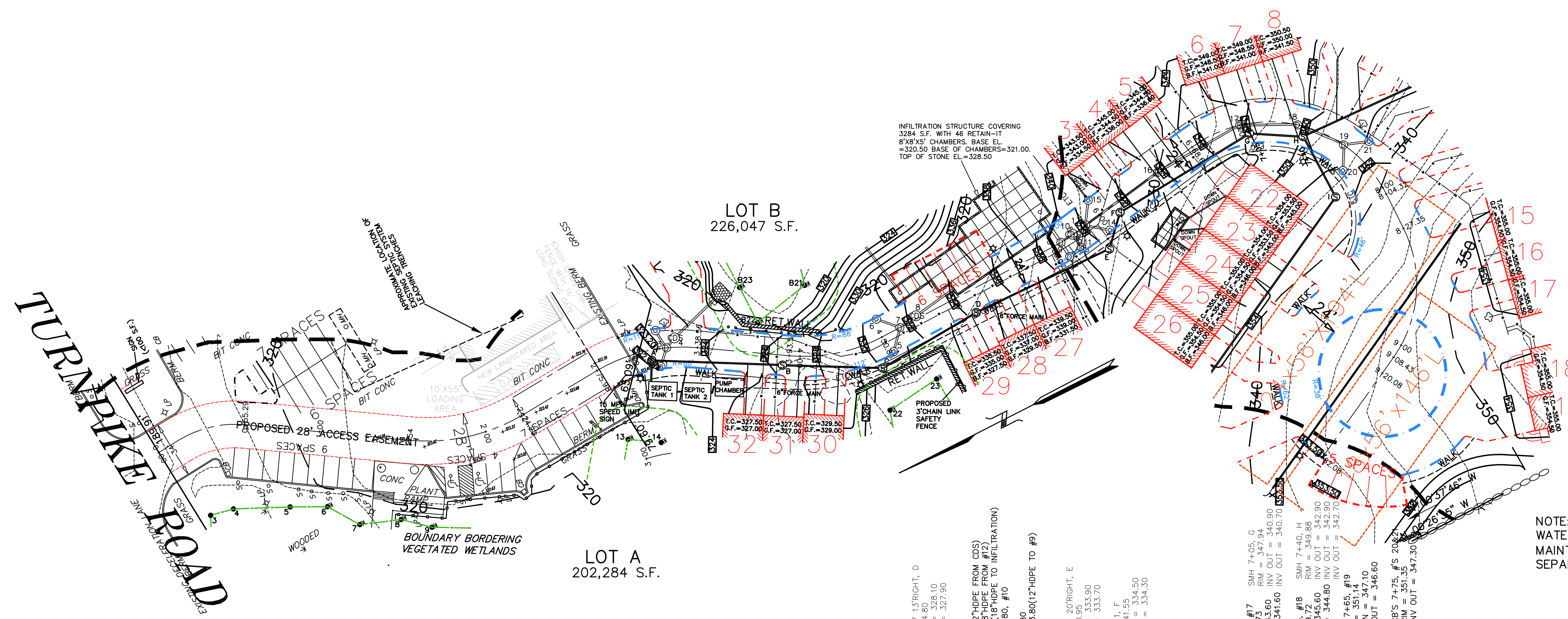
GRANITE CURB
BIT CONG. MEDIAN STRIP WITH GUARDRAIL



Professional Engineers & Erosion Control Specialists
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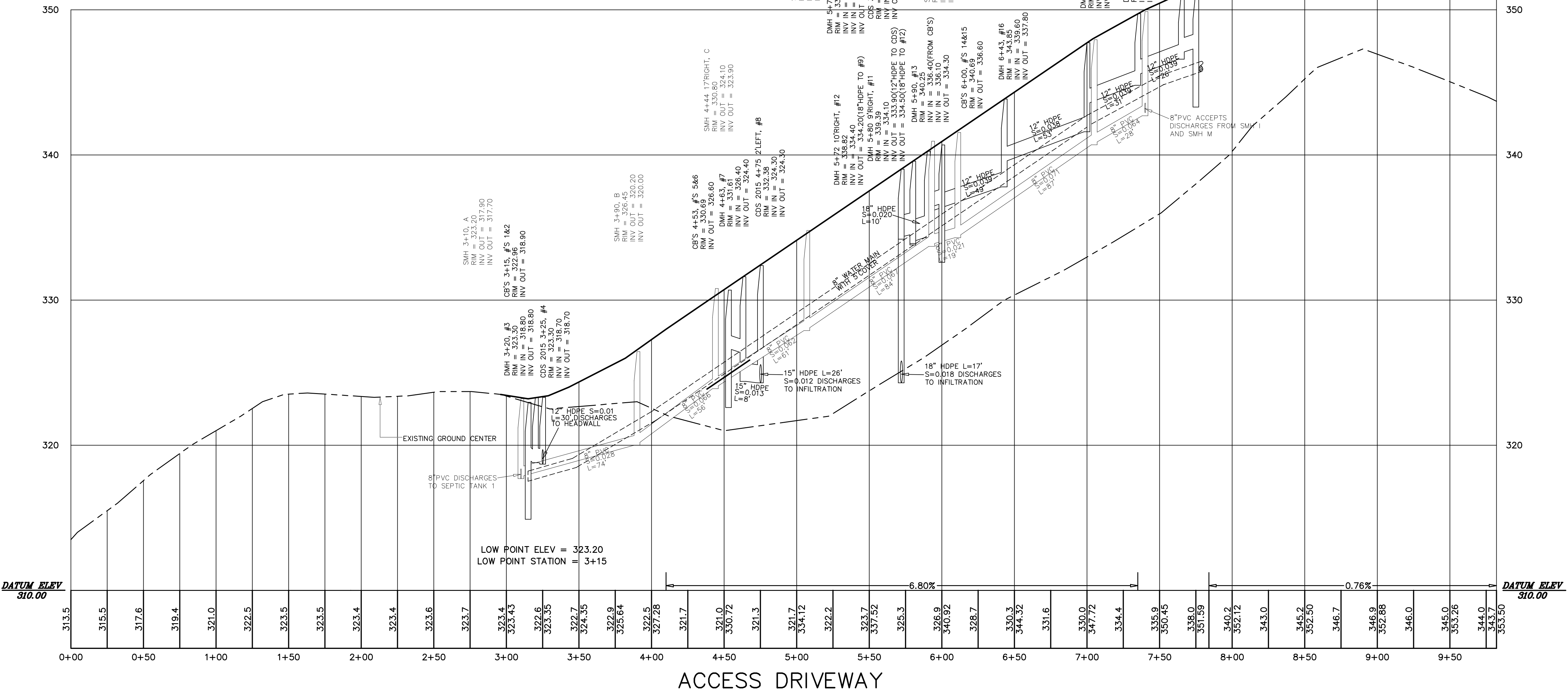
SCALE: AS NOTED

DETAIL SHEET D6



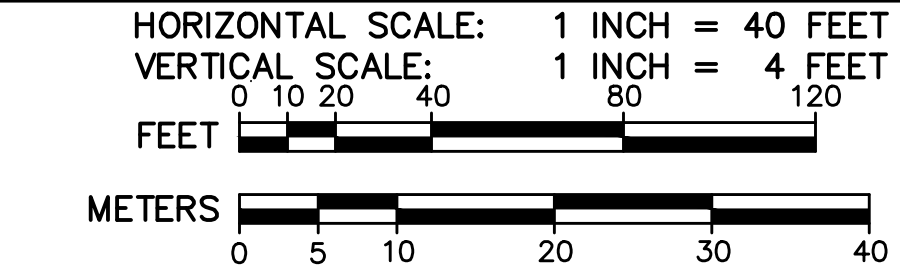
- KEY
- 2' CONTOUR
 - 10' CONTOUR
 - EXISTING SPOT GRADE
 - PROPOSED CONTOUR
 - PROPOSED CURB
 - PROPOSED DRAIN MANHOLE
 - PROPOSED CATCH BASIN
 - PROPOSED SEWER MANHOLE
 - EXISTING UTILITY POLE
 - PROPOSED POLE WITH LIGHT
 - PROPOSED ELECTRIC CONDUIT
 - PROPOSED GUARD RAIL
 - PROPOSED RETAINING WALL
 - STONE WALL

COMPREHENSIVE PERMIT PLAN APPROVED BY
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CLT. NO.	JOB NO.
502	245-502
DATE:	DWG NO.
JANUARY 31, 2025	250TURNPIKECURRENT
REVISIONS	
DATE:	DESCRIPTION



SITE PLAN OF LAND
AT 250 TURNPIKE ROAD
IN
SOUTHBOROUGH, MASS.
OWNER & APPLICANT:
FD 250 TURNPIKE, LLC
118 TURNPIKE ROAD, SUITE 300
SOUTHBOROUGH, MA 01772
PLAN AND PROFILE OF ACCESS DRIVEWAY
P1