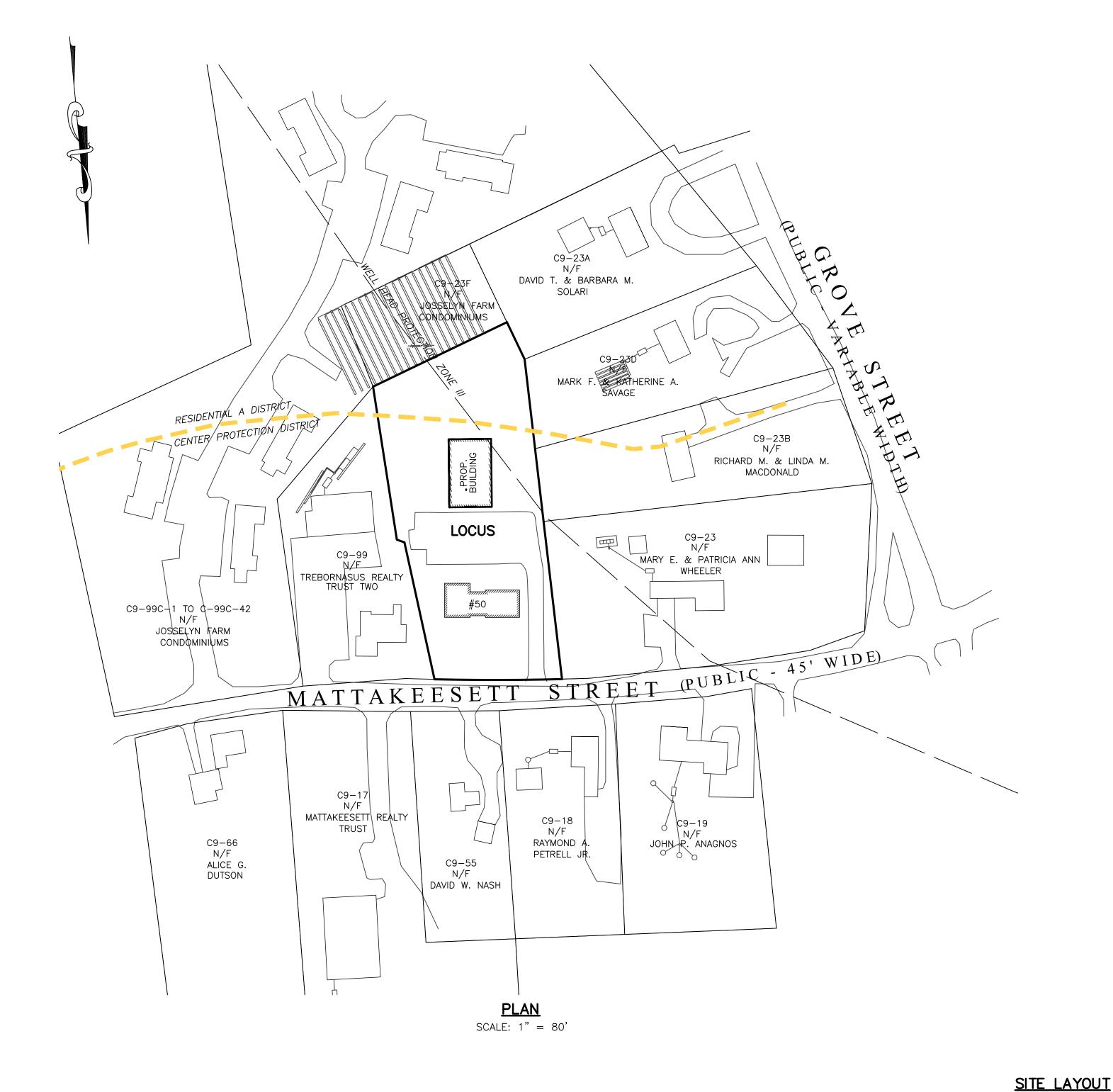


# INDEX TO DRAWINGS \_\_ GRADING & UTILITIES PLAN

## PROPOSED SITE PLAN - 50 MATTAKEESETT STREET CENTER PROTECTION & RESIDENTIAL A DISTRICT DEVELOPMENT

(ASSESSOR'S PARCEL C9-23E)

PEMBROKE, MASSACHUSETTS



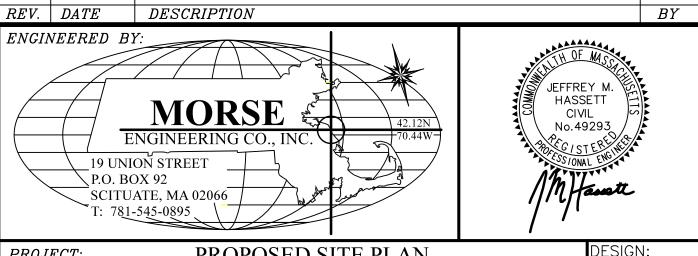
THIS SITE PLAN APPROVAL DOES NOT NECESSARILY INDICATE COMPLIANCE WITH THE PEMBROKE ZONING BY-LAW

#### <u>OWNER</u>

JPC/PEMBROKE REALTY TRUST 137 WASHINGTON STREET NORWELL, MA 02061

#### **APPLICANT**

MIKE BULMAN P.O. BOX 20 SCITUATE, MA 02066



PROJECT: PROPOSED SITE PLAN 50 MATTAKEESETT STREET (ASSESSOR'S PARCEL: C9-23E) PEMBROKE, MASSACHUSETTS 02359 PREPARED FOR:

P.O. BOX 20

SCALE: 1" = 80'

PLAN TITLE: **COVER SHEET** 

SCITUATE, MA 02066 SHEET:

JOB NO: 18-288

#### **ABBREVIATIONS**

CONC. BOUND/DRILL HOLE CB/DH CAPE COD BERM CCB CAST IN PLACE CONCRETE CURB CIP CONCRETE CONCRETE

APPROXIMATE

ELECTRIC FND. FOUND ELEV ELEVATION **EXIST** EXISTING FES FLARED END SECTION GAS INVERT MAX MAXIMUM MIN MINIMUM NTS NOT TO SCALE OHW OVERHEAD WIRE

PROP PROPOSED PVC POLYVINYLCHLORIDE PIPE RCP REINFORCED CONCRETE PIPE SB/DH STONE BOUND/DRILL HOLE

**TYPICAL** UTILITY POLE WATER

<u>LEGEND</u>				
EXISTING	PROPOSED			
55	100	CONTOUR ELEVATION		
		EROSION CONTROL / LIMIT OF WORK		
x100.2	+100.00	SPOT GRADE		
D	D	DRAIN MANHOLE (DMH)		
$\blacksquare$	$\bigoplus$	CATCH BASIN (CB)		
S	S	SEWER MANHOLE (SMH)		
¢	ф	UTILITY POLE (UP)		
$\Diamond$	*	LIGHT POLE		
<b></b>	<b></b>	LIGHT		
<del>-</del> 0-	•	SIGN		
فكر	فر	VAN-ACCESSIBLE HANDICAP PARKING		
		FENCE		
		HANDICAP RAMP		
~~~~	$\sim\sim\sim$	TREE LINE		
		EVERGREEN		
•	•	ENTRYWAY		

#### RESIDENTIAL A DISTRICT ZONING REQUIREMENTS

MIN. LOT SIZE 40,000 S.F (80% UPLAND) MIN. LOT FRONTAGE 150 L.F. FRONT YARD SETBACK 40 FT. REAR YARD SETBACK 25 FT. SIDE YARD SETBACK 20 FT.

MAX BUILDING HEIGHT 2.5 STORIES

#### CENTER PROTECTION DISTRICT ZONING REQUIREMENTS

MIN. LOT SIZE 40,000 S.F MIN. LOT FRONTAGE 150 L.F. FRONT YARD SETBACK 40 FT. REAR YARD SETBACK 20 FT. SIDE YARD SETBACK 20 FT. MAX BUILDING HEIGHT 2.5 STORIES OR 36'



#### **GENERAL NOTES**

- 1. LOCUS OWNER: <u>ASSESSOR'S MAP C9</u>, <u>PARCEL 23E</u> JPC/PEMBROKE REALTY TRUST 137 WASHINGTON STREET NORWELL, MASSACHUSETTS 02061
- 2. DEED BOOK REFERENCE: PLYMOUTH COUNTY REGISTRY OF DEEDS DEED BOOK 37787, PAGE 341
- 3. LOCUS IS SHOWN AS ASSESSOR'S MAP C9, PARCEL 23E TOWN OF PEMBROKE ASSESSOR'S MAPS. TOTAL AREA =  $1.50\pm$  ACRES
- 4. LOCUS IS LOCATED IN RESIDENTIAL A AND CENTER PROTECTION DISTRICTS PORTION OF LOCUS IS LOCATED WITHIN WELLHEAD PROTECTION ZONE III
- 5. LOCUS FALLS WITHIN ZONE "X" AS SHOWN ON THE FIRM COMMUNITY PANEL NO: 25023C 0204J DATED JULY 17, 2012. ZONE "X" IS NOT A SPECIAL FLOOD HAZARD AREA.
- 6. ALL EXISTING CONDITIONS & TOPOGRAPHIC INFORMATION WAS OBTAINED FROM AN ON-SITE SURVEY CONDUCTED IN AUGUST 2018.
- 7. ALL LOCATIONS OF SUBSURFACE UTILITIES AND STRUCTURES WERE OBTAINED FROM AVAILABLE TOWN AND UTILITY RECORDS. THE SIZE, TYPE AND LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL PROPERLY LOCATE THE UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN UTILITY INFORMATION BY CONTACTING DIGSAFE (888-344-7233). THE CONTRACTOR SHALL EXCAVATE TEST PITS TO VERIFY UTILITY LINE LOCATIONS AS NECESSARY.
- 8. ANY CHANGE IN THE FIELD CONDITIONS SHOULD BE REPORTED TO THE ENGINEER TO INSURE THAT ANY MODIFICATIONS TO THE ORIGINAL DESIGN ARE PROPER AND ADEQUATE TO SERVE THE PROJECT'S NEEDS, AND COMPLY WITH THE APPLICABLE STANDARDS AND REGULATION.
- 9. NO WETLAND RESOURCE AREAS WERE OBSERVED ON-SITE BY MORSE ENGINEERING COMPANY, INC. DURING AUGUST 2018.
- 10. EXISTING BUILDING AND SEPTIC SYSTEM LOCATIONS SHOWN ON ABUTTING PROPERTIES WERE COMPILED FROM AVAILABLE DATA ON RECORD AT THE PEMBROKE BOARD OF HEALTH.
- 11. THIS SITE PLAN REQUIRES A WAIVER FROM SECTION 5.1.6 OF THE TOWN OF PEMBROKE PLANNING BOARD RULES & REGULATIONS GOVERNING THE ISSUANCE OF SITE PLAN APPROVAL STATING "ALL RESIDENTIAL PROPERTIES SHALL BE PROTECTED BY A LANDSCAPED BUFFER STRIP WITH A MINIMUM WIDTH OF 50 FEET, WITH SUCH BERMS, FENCES, SOUND WALLS, AND PLANTINGS DEEMED NECESSARY BY THE PLANNING BOARD TO PROTECT NEIGHBORING RESIDENCES."
- 12. THIS SITE PLAN REQUIRES A WAIVER FROM THE DEVELOPMENT IMPACT STATEMENT.
- 13. THIS SITE PLAN REQUIRES A WAIVER FROM THE TRAFFIC IMPACT STUDY.

#### **GENERAL UTILITY NOTES**

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE WORK.
- 3. SEE PLANS 6 FOR CONSTRUCTION DETAILS, NOTES, AND SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE INLET PROTECTION, SUCH AS SILT SACKS, AT ALL 4. CATCH BASINS TO PREVENT SEDIMENT FROM ENTERING THE INFILTRATION / DETENTION BASIN.

#### **DEED REFERENCE:**

PLYMOUTH COUNTY REGISTRY OF DEEDS BOOK 37787, PAGE 341 RECORD OWNER: JPC/PEMBROKE REALTY TRUST

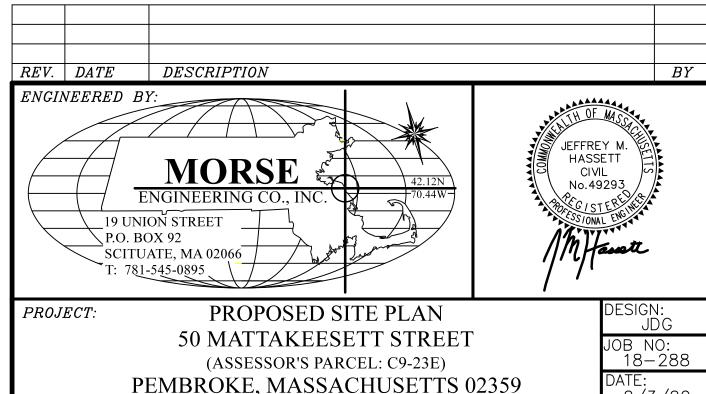
#### PLAN REFERENCES

1. PLAN BOOK 31, PAGE 824 1. PLAN BOOK 25, PAGE 268 1. PLAN BOOK 32, PAGE 663 1. PLAN BOOK 28, PAGE 108 THIS SITE PLAN APPROVAL DOES NOT NECESSARILY INDICATE COMPLIANCE WITH THE PEMBROKE ZONING BY-LAW

DATE OF ENDORSEMENT: \_\_\_\_\_

PEMBROKE PLANNING BOARD

\_ TOWN CLERK OF THE TOWN OF PEMBROKE, MA HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE NEXT TWENTY DAYS AFTER RECEIPT AND RECORDING OF SAID NOTICE



PREPARED FOR: MIKE BULMAN

P.O. BOX 20 SCITUATE, MA 02066

PLAN TITLE: GENERAL NOTES, LEGEND & ABBREVIATIONS SHEET:

#### C9-23A C9-23A N/F N/F **BENCHMARK** DAVID T. & BARBARA M. DAVID T. & BARBARA SOLARI SOLARI W/LEAD PLUG EL=93.46 VOSSELYN FARM /ww//ww/dano*b*/ C9 - 23DC9-23D MARK F. & KATHERINE A. MARK F. & KATHERINE A. SAVAGE SAVAGE RESIDENTIAL A DISTRIQI CENTER PROTECTION DISPRICT SEPTIC TRENCH EXISTING TO BE RELOCATED PER SEPTIC SYSTEM-BOH REQUIREMENTS -~WOODS~ - PROP. LIMIT OF CLEARING /TREELINE C9-23B RICHARD M. & LINDA M. RICHARD M. & LINDA M. MACDONALD MACDONALD OVERHEAD DOOR (TYP) C9-99 N/F TREBORNASUS REALTY TRUST TWO TREBORNASUS REALTY TRUST TWO CBN PROR. WALL-PACK - PROP. STRIPED LIGHT (TYP) (SEE ~Paved Parking Lot~ LOADING ZONE ~Paved Parking Lot~ -NOTES BELOW) S 6572,9.49 S 65°12',9.49 C9-23 MARY E. & PATRICIA ANN WHEELER Landscape Landscape C9 - 23Conc. Walkway MARY E. & PATRICIA ANN WHEELER Gravel BH ' Gravel BH \TANK #50 MATTAKEESETT STREET MATTAKEESETT STREET THIS SITE PLAN APPROVAL DOES NOT NECESSARILY INDICATE COMPLIANCE WITH THE PEMBROKE ZONING BY-LAW DATE OF ENDORSEMENT: \_ <u>C9-23E</u> 65,390± S.F. <u>C9-23E</u> 65,390± S.F. Sign Conc. Sidewalk R = 3092.66Sign Conc. Sidewalk R = 3092.66Conc. Sidewalk Edge of Pavement Edge of Pavement MATTAKEESETT STREET MATTAKEESETT STREET SITE LAYOUT (PUBLIC - 45' WIDE) (PUBLIC - 45' WIDE) SITE LAYOUT PLAN **EXISTING CONDITIONS PLAN** SCALE: 1" = 30'SCALE: 1" = 30'SCALE: 1" = 30'PEMBROKE PLANNING BOARD

TOWN CLERK OF THE

TOWN OF PEMBROKE, MA HEREBY CERTIFY THAT

THE NOTICE OF APPROVAL OF THIS PLAN BY

APPEAL WAS RECEIVED DURING THE NEXT TWENTY DAYS AFTER RECEIPT AND RECORDING

THE PLANNING BOARD HAS BEEN RECEIVED

AND RECORDED AT THIS OFFICE AND NO

OF SAID NOTICE

### PARKING CALCULATIONS SEC. V.4.A.1. OF ZONING BYLAWS:

USE	REQUIREMENT	REQUIRED	PROVIDED
OFFICE BUILDING	1 PER 600 S.F. OF RENTABLE SPACE	4968 S.F. / 600 S.F. =9 SPACES (EXISTING BUILDING)	EXISTING= 26 ELIMATE 3 SPACES
	TOTAL		23 SPACES

#### PARKING SUMMARY

PROPOSED PARKING LOT DESIGN PROVIDES FOR: (19) STANDARD PARKING SPACES: 9'-0" x 18'-0" (2) HANDICAP SPACES: 12'-0"x 18'-0"

#### **DIMENSIONAL REGULATIONS** ZONING / DIMENSIONAL REQUIREMENTS

CENTER PROTECTION DISTRICT

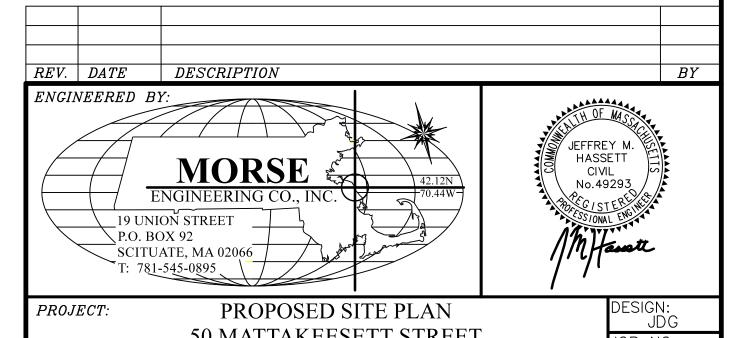
COMPONENT	REQUIRED	EXISTING	PROPOSED	
MINIMUM LOT AREA	40,000 S.F.	65,390± S.F. (1.50 ACRES)	NO CHANGE	
FRONTAGE	150'	150.0'	NO CHANGE	
FRONT YARD SETBACK	40'	72.9'	NO CHANGE	
SIDE YARD SETBACK	20'	27.2'	NO CHANGE	
REAR YARD SETBACK	20'	246.0'	94.3'	
BUILDING FLOOR AREA	15% (MAX) OR 9,000 S.F. (MAX)	7.6% 4,968 S.F.	13.7% 8,968 S.F.	
IMPERVIOUS LOT COVERAGE	65% (MAX)	23.5%	29.6%	
OPEN SPACE	35% (MIN)	76.5%	62.3%	
BUILDING HEIGHT	2.5 STORIES (MAX) OR 36' (MAX)	<36'	NO CHANGE	

#### **CONSTRUCTION NOTES:**

- 1. ALL DISTURBED AREAS TO BE LOAMED AND SEEDED TO PREVENT EROSION.
- ANY CHANGE IN THE FIELD CONDITIONS SHOULD BE REPORTED TO THE ENGINEER TO INSURE
  THAT ANY MODIFICATIONS TO THE ORIGINAL DESIGN ARE PROPER AND ADEQUATE TO SERVE
  THE PROJECT'S NEEDS, AND COMPLY WITH THE APPLICABLE CODES AND BYLAWS.
- 3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- 4. THE CONTRACTOR MUST MAINTAIN A CLEAN JOBSITE AND PREVENT THE MIGRATION OF ANY SEDIMENT/DEBRIS ONTO MATTAKEESETT STREET AND ADJACENT PROPERTIES.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE WORK.

#### LIGHTING NOTES:

1. WHERE WALL-PACK TYPE LUMINARIES/LIGHTING FIXTURES ARE UTILIZED FOR OUTDOOR LIGHTING FIXTURES, THE FIXTURE SHALL BE EQUIPPED WITH A PRISMATIC LENS TO REDUCE GLARE. WALL-PACK LIGHTING SHALL BE DESIGNED TO A MAXIMUM CUTOFF OF SEVENTY (70) DEGREES FROM VERTICAL. THE LOCATION OF THE WALL-PACK ON THE STRUCTURE SHALL NOT EXCEED 20 FEET IN



50 MATTAKEESETT STREET OB NO: 18-288 (ASSESSOR'S PARCEL: C9-23E) PEMBROKE, MASSACHUSETTS 02359 2/3/20 PREPARED FOR: MIKE BULMAN P.O. BOX 20

SCITUATE, MA 02066

PLAN TITLE:

SHEET:

EXISTING CONDITIONS & SITE LAYOUT PLAN

#### -SEEDED LAWN OR SOD COMPACTED SCREENED TOPSOIL (NO STONES LARGER THAN 1 1/4") C9-23A DAVID T. & BARBARA M. ESHGW: 48" (EL. 90.9) SOLARI -COMPACTED SUBGRADE SEEDED OR SODDED LAWN DETAIL фирфинули , **BENCHMARK** W/LEAD PLUG -SURCHARGE PIPE \_\_ FINISHED EL=93.46 - MANHOLE COVER ,− SPLASH GRADE TO GRADE - PROP. SILT FENCE EROSION \ CONTROL BARRIER -PROP. RIP RAP SPILLWAY EL=93.5 C9-23D N/F MARK F. & KATHERINE A. 10'-0" MIN. SAVAGE GARDEN BOT.=91.6 ESTIMATED SEASONAL HIGH GROUNDWATER TOP=94.0 RELOCATED LEACHING -PROP. 6" ADS TRENCH PER BOH REQUIREMENTS -OVERFLOW PIPE DIA. LANDSCAPE COVER - PROP. TREELINE FINISHED GRADE -4" INLET PIPE FROM ROOF - CONNECT DOWNSPOUTS W/6" ADS LEADERS TO CONNECT TO PIPE (S=2% MIN) TO ROOF ALL CHAMBER ROWS DRYWELL SYSTEM COMPRISED OF BACKFILL CHAMBERS W/ CRUSHED (16) INFILTRATOR ARC36HC HIGH STONE 1' AROUND, 8" ABOVE TOP CAPACITY CHAMBERS EMBEDDED IN OF CHAMBER, AND 6" BELOW CRUSHED STONE. BOTTOM OF CHAMBER TOP OF STONE=95.4 BOTTOM OF STONE=92.9 FILTER FABRIC TOP OF CHAMBERS=94.8 \_\_ADS ARC36 HIGH BOTTOM OF CHAMBER=93.4 CAPACITY CHAMBER OR C9-23B APPROVED EQUIVALENT -EXISTING A & B HORIZONS & FOUNDATION RICHARD M. & LINDA M. C9-99 TO BE REMOVED AND REPLACED WITH CLEAN MACDONALD ESTIMATED SEASONAL HIGH GROUNDWATER (ESHGW) GRANULAR SAND TO THE TREBORNASUS REALTY TRUST TWO BOTTOM OF CHAMBER ELEVATION 1. ALL ROOF LEADERS SHALL BE EQUIPPED WITH DOWNSPOUT STRAINERS. 2. NO CONSTRUCTION ACTIVITY (TRAFFIC) SHALL BE ALLOWED OVER THE LEACHING DRY WELL AREAS. 3. NO CONSTRUCTION SURFACE WATER OR DEWATERING DISCHARGES SHALL BE DISCHARGED INTO THE DRYWELL STRUCTURES OR DRYWELL SITE LOCATIONS. 4. DRYWELLS SHALL BE LOCATED A MINIMUM OF 10' FROM FOUNDATIONS & 10' FROM PROPERTY LINES. ~Paved Parking Lot~ S 65.12.59.49 SUBSURFACE LEACHING DRYWELL NOT TO SCALE - PARKING SPACES TO BE REMOVED Landscape 98 C9 - 23MARY E. & PATRICIA ANN Landscape WHEELER \ SEPTIC \_ \TANK MATTAKEËSETT STREET **C9-23E** 65,390± S.F. Sign Conc. Sidewalk R = 3092.66MATTAKEESETT STREET SITE LAYOUT (PUBLIC - 45' WIDE) GRADING & UTILITIES PLAN

SCALE: 1" = 30

SCALE: 1" = 30'

#### SOIL TEST DATA

SOIL TESTING AND EVALUATION BY: GREGORY J. MORSE, P.E. DEP SOIL EVALUATOR #2906
DATE: SEPTEMBER 25, 2018

TP-1	APPROX. GRADE	EL. 9	14.9±	TP-2	APPROX. GRADE	EL. 93.1
EL. 94.1	A HORIZON LOAMY SAND 10YR 3/2	10"		92.4	A HORIZON LOAMY SAND 10YR 3/2	0"
EL. 94.1	B HORIZON LOAMY SAND 10YR 5/8	32"		90.3	B HORIZON LOAMY SAND 10YR 5/8	34"
EL. 86.6	C HORIZON LOAMY SAND 2.5Y 5/6	100"		84.1	C HORIZON LOAMY SAND 2.5Y 5/6	108"

WEEPING OBSERVED: NONE
MOTTLING OBSERVED: 48" (EL. 90.9)
ESHGW: 48" (EL. 90.9)

WEEPING OBSERVED: NONE
MOTTLING OBSERVED: 42" (EL. 89.6)
ESHGW: 42" (EL. 89.6)

THIS SITE PLAN APPROVAL DOES NOT NECESSARILY INDICATE COMPLIANCE WITH THE PEMBROKE ZONING BY—LAW

DATE OF ENDORSEMENT: \_\_\_\_

PEMBROKE PLANNING BOARD

I, \_\_\_\_\_\_\_ TOWN CLERK OF THE TOWN OF PEMBROKE, MA HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO APPEAL WAS RECEIVED DURING THE NEXT TWENTY DAYS AFTER RECEIPT AND RECORDING OF SAID NOTICE

#### CONSTRUCTION SEQUENCE

- 1) STABILIZATION PRACTICES FOR EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. PLACE BARRIERS AT LOCATIONS INDICATED ON THE SITE PLANS.
- 2) CLEAR AND GRUB LIMITS OF PROPOSED SITE AS REQUIRED FOR THE CONSTRUCTION OF THE STORAGE UNITS, DRIVEWAY, DETENTION BASIN, ROOF DRYWELL SYSTEM AND RELATED INFRASTRUCTURE. ALL BRUSH, TREE LIMBS, TREE TRUNK & STUMP DISPOSAL SHALL TAKE PLACE OFF SITE AND WITHIN 30 DAYS OF CUTTING. ALL DISPOSAL SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
- 3) CONSTRUCT CUT AND FILL AREAS. ALL FILL WILL BE INSTALLED USING 12" MAXIMUM COMPACTION LIFTS. PLACE ALL SLOPE PROTECTION AS NECESSARY.
- 4) INSTALL ALL DRAINAGE SYSTEM COMPONENTS AND OTHER UTILITIES. ALL CATCH BASINS SHALL BE PROTECTED WITH EROSION CONTROLS OR EQUIVALENT INLET PROTECTION.
- 5) GRADE GRAVEL DRIVEWAY TO SUBGRADE ELEVATION AND CONSTRUCT SIDE SLOPES. APPLY TEMPORARY STABILIZATION MEASURES WHERE WARRANTED.
- 6) PLACE GRAVEL FOR DRIVEWAY.
- 7) GRADE SLOPES AND STABILIZE CUT AREAS AT TOE OF SLOPES. BLEND ALL SLOPES INTO EXISTING TOPOGRAPHY AND LOAM AND SEED ALL DISTURBED AREAS.
- 8) COMPLETE FINE GRADING OF SHOULDERS.
- 9) REMOVE TEMPORARY EROSION CONTROL DEVICES ONCE ADEQUATE GROWTH IS ESTABLISHED. ADEQUATE GROWTH IS DEFINED AS VEGETATION COVERING 75% OR MORE OF THE GROUND SURFACE.

REV. DATE DESCRIPTION ENGINEERED BY: JEFFREY M. HASSETT **MORSE** CIVIL No.49293 ENGINEERING CO., INC \_19 UNIOÑ STREET **P.O. BOX 92** SCITUATE, MA 02066Γ: 781-545-0895 \ PROJECT: PROPOSED SITE PLAN JDG 50 MATTAKEESETT STREET 18-288 (ASSESSOR'S PARCEL: C9-23E) PEMBROKE, MASSACHUSETTS 02359 PREPARED FOR: MIKE BULMAN

SHEET:

P.O. BOX 20

PLAN TITLE:

SCITUATE, MA 02066

GRADING & UTILITIES PLAN