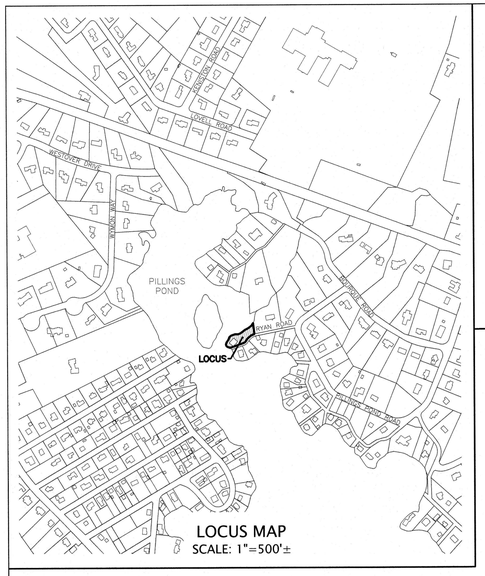
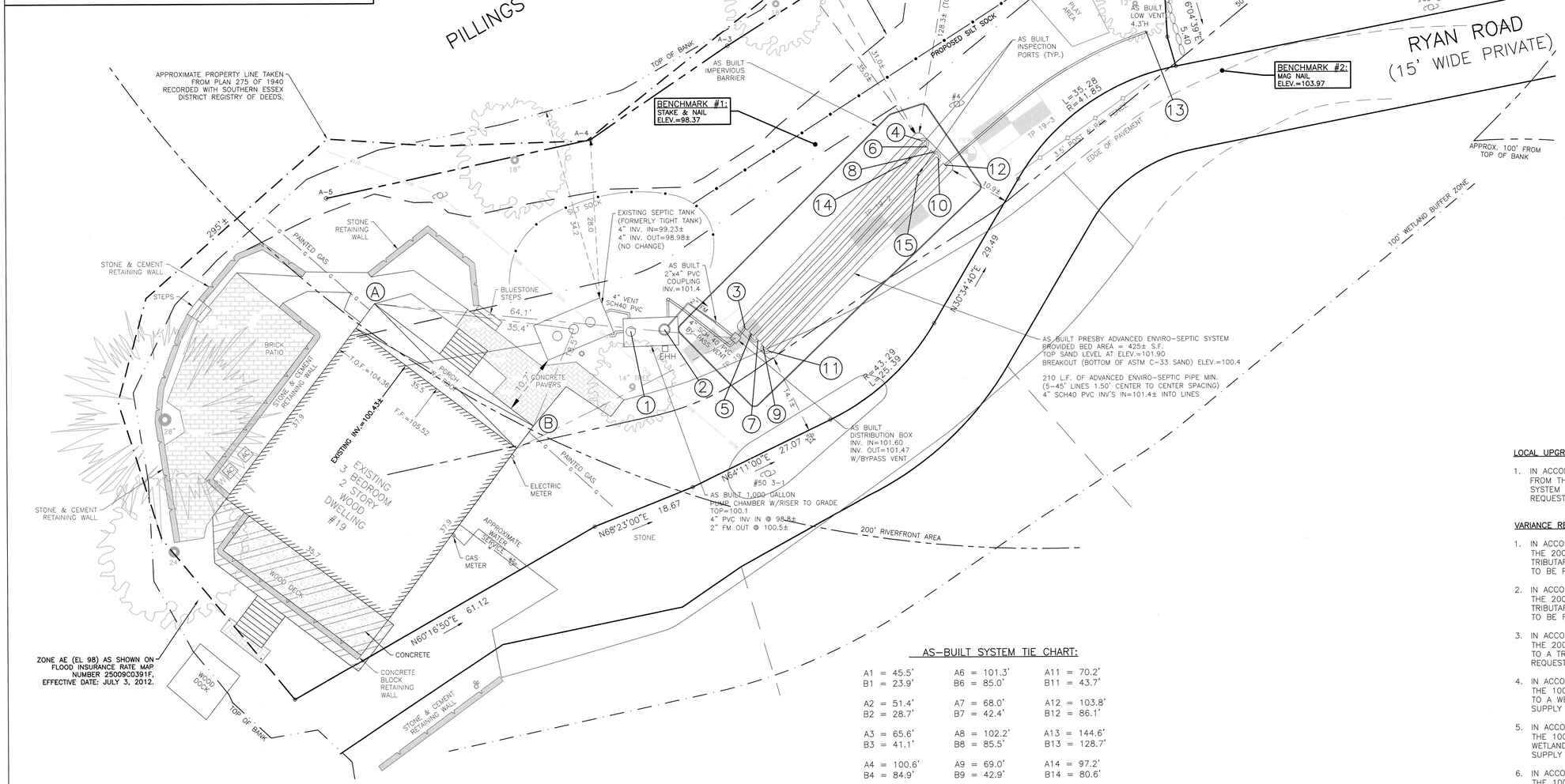


LEGEND OF ABBREVIATIONS & SYMBOLS

EXISTING 2-FOOT CONTOUR	102
EXISTING 10-FOOT CONTOUR	100
EXISTING SPOT ELEVATION	
SILT FENCE	
PAINTED GAS LINE	G
OVERHEAD WIRE	OHW
STONE WALL	
RETAINING WALL	
HYDRANT	
GAS GATE	GG
UTILITY POLE	
DECIDUOUS TREE	
CONIFEROUS TREE	
FIRST FLOOR	F.F.
TOP OF FOUNDATION	T.O.F.



AS-BUILT SYSTEM TIE CHART:

A1 = 45.5'	A6 = 101.3'	A11 = 70.2'
B1 = 23.9'	B6 = 85.0'	B11 = 43.7'
A2 = 51.4'	A7 = 68.0'	A12 = 103.8'
B2 = 28.7'	B7 = 42.4'	B12 = 86.1'
A3 = 65.6'	A8 = 102.2'	A13 = 144.6'
B3 = 41.1'	B8 = 85.5'	B13 = 128.7'
A4 = 100.6'	A9 = 69.0'	A14 = 97.2'
B4 = 84.9'	B9 = 42.9'	B14 = 80.6'
A5 = 66.7'	A10 = 102.9'	A15 = 98.7'
B5 = 41.7'	B10 = 85.7'	B15 = 81.2'

WILLIAMS & SPARAGES AS BUILT NOTES:

1) AS-BUILT SEPTIC SYSTEM LOCATION IS THE RESULT OF ACTUAL FIELD SURVEY PERFORMED BY WILLIAMS & SPARAGES ON JANUARY 4, 2022 AND INFORMATION PROVIDED BY SITE CONTRACTOR.

2) VERTICAL DATUM IS N.A.V.D. 88.

3) ALL PIPES ARE 4-INCH SCHEDULE 40 PVC UNLESS OTHERWISE NOTED.

4) FOR SEPTIC DESIGN PLAN REFER TO A PLAN ENTITLED "SANITARY DISPOSAL SYSTEM REPAIR PLAN, #19 RYAN ROAD, LYNNFIELD, MA" (3 SHEETS), DATED FEBRUARY 26, 2021 REVISED THROUGH MAY 26, 2021, PREPARED BY WILLIAMS & SPARAGES, LLC.

CONTRACTOR'S AS-BUILT NOTES:

1) THE CONTRACTOR SUBSTITUTED A LIBERTY LE41 SUBMERSIBILE PUMP WITH EZ PULL IN PLACE OF THE BARNES SE411 SHOWN ON THE APPROVED DESIGN. IT IS OUR UNDERSTANDING THAT THIS CHANGE WAS WITNESSED AND APPROVED IN THE FIELD BY THE LYNNFIELD BOARD OF HEALTH REPRESENTATIVE, LEO CORMIER.

2) THE CONTRACTOR RELOCATED THE ELECTRICAL OUT OF THE PUMP CHAMBER TO THE ELECTRIC HAND HOLD SHOWN, INCREASED THE SIZE OF THE FORCE MAIN FROM A 1 ¼" DIAMETER TO A 2" DIAMETER AND THROTTLED THE FLOW DOWN WITH A 2" BALL VALVE. IT IS OUR UNDERSTANDING THAT THIS CHANGE WAS WITNESSED AND APPROVED IN THE FIELD BY THE LYNNFIELD BOARD OF HEALTH REPRESENTATIVE, LEO CORMIER.

3) THE CONTRACTOR INSTALLED AN ADDITIONAL VENT PIPE FROM THE PUMP CHAMBER TO THE SEPTIC TANK IN ORDER TO PROVIDE ADDITONAL AIR FLOW FOR THE ZABEL EFFLUENT FILTER. IT IS OUR UNDERSTANDING THAT THIS CHANGE WAS WITNESSED AND APPROVED IN THE FIELD BY THE LYNNFIELD BOARD OF HEALTH REPRESENTATIVE, LEO CORMIER.

4) THE PUMP CHAMBER WAS RELOCATED IN ORDER TO AVOID THE EXISTING 14" TREE SHOWN ON THE PLAN.

5) WILLIAMS & SPARAGES WAS NOT NOTIFIED OF THESE CHANGES AND IT SHOULD BE NOTED THAT WE ASSUME NO RESPONSIBILITY FOR THE PERFORMANCE OF THESE MODIFICATIONS.

LOCAL UPGRADE APPROVAL REQUESTS:

1. IN ACCORDANCE WITH 310 CMR 15.405(1)(e), A REDUCTION FROM THE 50 FOOT SEPARATION FROM THE SOIL ABSORPTION SYSTEM TO A BORDERING VEGETATED WETLAND IS BEING REQUESTED TO BE REDUCED TO 31.3 FEET.

VARIANCE REQUEST:

1. IN ACCORDANCE WITH 310 CMR 15.211(1), A REDUCTION FROM THE 200 FOOT SEPARATION FROM THE SEPTIC TANK TO A TRIBUTARY TO A SURFACE WATER SUPPLY IS BEING REQUESTED TO BE REDUCED TO 34.2 FEET.
2. IN ACCORDANCE WITH 310 CMR 15.211(1), A REDUCTION FROM THE 200 FOOT SEPARATION FROM THE PUMP CHAMBER TO A TRIBUTARY TO A SURFACE WATER SUPPLY IS BEING REQUESTED TO BE REDUCED TO 44.0 FEET.
3. IN ACCORDANCE WITH 310 CMR 15.211(1), A REDUCTION FROM THE 200 FOOT SEPARATION FROM THE SOIL ABSORPTION SYSTEM TO A TRIBUTARY TO A SURFACE WATER SUPPLY IS BEING REQUESTED TO BE REDUCED TO 34.9 FEET.
4. IN ACCORDANCE WITH 310 CMR 15.211(1), A REDUCTION FROM THE 100 FOOT SEPARATION FROM THE SOIL ABSORPTION SYSTEM TO A WETLAND BORDERING A TRIBUTARY TO A SURFACE WATER SUPPLY IS BEING REQUESTED TO BE REDUCED TO 31.3 FEET.
5. IN ACCORDANCE WITH 310 CMR 15.211(1), A REDUCTION FROM THE 100 FOOT SEPARATION FROM THE SEPTIC TANK TO A WETLAND BORDERING A TRIBUTARY TO A SURFACE WATER SUPPLY IS BEING REQUESTED TO BE REDUCED TO 28.0 FEET.
6. IN ACCORDANCE WITH 310 CMR 15.211(1), A REDUCTION FROM THE 100 FOOT SEPARATION FROM THE PUMP CHAMBER TO A WETLAND BORDERING A TRIBUTARY TO A SURFACE WATER SUPPLY IS BEING REQUESTED TO BE REDUCED TO 37.1 FEET.

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Designed By: PMB
Drawn By: PMB
Reviewed By: PMB
Project Manager: PMB
Job File Number: LYNF-0125
Drawing File Folder: LYNF125

☐ Drawing Issued for Review Only
☒ Drawing Issued for Permit
☐ Drawing Issued for Construction

SEAL

(1-10-22)

AS-BUILT SANITARY DISPOSAL SYSTEM PLAN

#19 RYAN ROAD, LYNNFIELD

6	
5	
4	
3	
2	
1	

0' 5' 10' 20'
SCALE: 1"=10'

JANUARY 6, 2022

DRAWING: ASB

SHEET 1 OF 1

P:\LYNF-0125\19 Ryan Road\Drawings\SAReport#19.dwg, 1/10/2022 10:44:15 AM, PMB