



**TOWN OF NEWBURGH  
PLANNING BOARD  
TECHNICAL REVIEW COMMENTS**

**PROJECT NAME:** 14 MARINO DRIVE (AFONSO)  
**PROJECT NO.:** 22-11  
**PROJECT LOCATION:** SECTION 2, BLOCK 1, LOT 16 & 23.2  
**REVIEW DATE:** 1 JULY 2022  
**MEETING DATE:** 7 JULY 2022  
**PROJECT REPRESENTATIVE:** DOCE ASSOCIATES

1. The Adjoiner's Notices have been submitted as well as a letter sent to the Town of Plattekill regarding the subject project.
2. The Highway Superintendents sign-off letter has been received.
3. The project has submitted a Short Environmental Assessment Form for this Unlisted Action. Based on a review of the plans, EAF and other supporting information this office would recommend a Negative Declaration.
4. The project requires a Public Hearing for the subdivision. The Planning Board may wish to consider the Public Hearing at future available date.

Respectfully submitted,

**MHE Engineering, D.P.C.**

A handwritten signature in dark red ink that reads 'Patrick J. Hines'.

Patrick J. Hines  
Principal

PJH/kbw

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# DARREN C. DOCE, PE

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June 15, 2022

John P. Ewasutyn, Chairman  
Town of Newburgh Planning Board  
21 Hudson Valley Professional Plaza  
Newburgh, NY 12550

RE: Two Lot Subdivision and Lot Line Change Plan  
Lands of Afonso - Marino Drive  
Section 2 Block 1 Lots 16 and 23.2  
Application No. 22-11

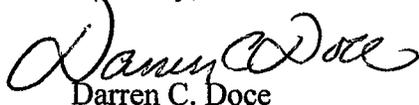
Dear Mr. Ewasutyn:

Attached are revised plans addressing comments received at the May 5, 2022 planning board meeting. In response to the comments, I offer the following:

1. By letter dated June 6, 2022, the Orange County Department of Planning has reviewed the plan and has no advisory comments.
2. The bulk table (sheet 1) has been revised to remove the +/- references.
3. Tax Lot 87 does not have a driveway off of the Marino Drive cul-de-sac. Access to this lot is from Coventry Lane.
4. By a memo dated May 24, 2022, Mark Hall has indicated he has reviewed the plans and has no comment.
5. The bulk requirement setbacks have been labelled on each lot.
6. The chart for the proposed sewage system designs is located on sheet 1.
7. The adjoiner mailings were sent out May 31, 2022.

If any additional information is required, please feel free to contact me.

Sincerely,



Darren C. Doce

cc Patrick J. Hines  
Dominick Cordisco

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JUN 15 2022

MHE Engineering, D.P.C.

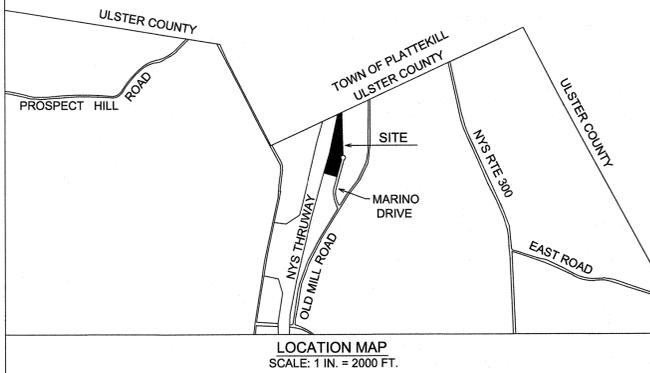
**SANITARY FACILITIES NOTES:**

- THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED. THIS DESIGN AND CONSTRUCTION REQUIREMENTS COMPLY WITH APPENDIX 75-A AND LOCAL HEALTH DEPARTMENT REGULATIONS.
- ALL WORK DONE IN THE CONSTRUCTION OF THE SANITARY FACILITIES IS TO BE DONE UNDER THE SUPERVISION AND APPROVAL OF A NYS LICENSED PROFESSIONAL ENGINEER.
- ALL MATERIALS USED IN THE CONSTRUCTION OF THE SANITARY FACILITIES ARE TO BE APPROVED BY THE GOVERNMENT AGENCIES HAVING JURISDICTION AND THE SUPERVISING NYS LICENSED PROFESSIONAL ENGINEER.
- THE CONTRACTOR SHALL ENSURE INSTALLATION AS PER SPECIFICATIONS.
- PRIOR TO CONSTRUCTING THE SANITARY FACILITIES, THE CONTRACTOR SHALL CONTACT THE NYS LICENSED PROFESSIONAL ENGINEER TO MAKE ARRANGEMENTS FOR INSPECTIONS AND TESTING.
- PRIOR TO BACKFILLING THE SEWAGE DISPOSAL SYSTEM, THE TOWN OF NEWBURGH BUILDING INSPECTOR SHALL BE CONTACTED FOR A COURTESY INSPECTION.
- PRIOR TO BACKFILLING THE SEWAGE DISPOSAL SYSTEM, THE SYSTEM MUST BE INSPECTED BY A NYS LICENSED PROFESSIONAL ENGINEER.
- PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY SEWAGE DISPOSAL SYSTEM, THE TOWN OF NEWBURGH BUILDING INSPECTOR MUST RECEIVE AN "AS-BUILT" PLAN FOR SUCH SYSTEM CERTIFIED BY A NYS LICENSED PROFESSIONAL ENGINEER AS SET FORTH IN ARTICLE IV OF APPENDIX I SECTION 4 OF THE TOWN OF NEWBURGH MUNICIPAL CODE.
- HEAVY EQUIPMENT SHALL BE KEPT OFF OF THE ABSORPTION FIELD AREA EXCEPT DURING ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING OR AFTER CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED. STRIPPING OF TOPSOIL FROM THE ABSORPTION FIELD AREA IS STRICTLY PROHIBITED. FAILURE TO COMPLY MAY CAUSE REJECTION OF THE SYSTEM DURING INSPECTION, AND MAY REQUIRE SOIL RETESTING AND SYSTEM REDESIGN.
- ABSORPTION TRENCHES SHALL NOT BE CONSTRUCTED IN FROZEN GROUND OR WET SOIL.
- NO SWIMMING POOLS, DRIVEWAYS, PARKING AREAS OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER OR WITHIN TEN FEET OF ANY PORTION OF THE ABSORPTION FIELD OR RESERVE AREA.
- DO NOT ALLOW CELLAR, ROOF OR FOOTING DRAINS TO DISCHARGE OVER THE ABSORPTION FIELD OR RESERVE AREA.
- CELLAR, ROOF AND FOOTING DRAINS SHALL NOT BE CONNECTED TO THE SEWAGE DISPOSAL SYSTEM.
- SURFACE WATER IS TO BE DIVERTED AWAY FROM THE ABSORPTION FIELD.
- THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELD OR RESERVE AREA.
- WATER SAVING PLUMBING FIXTURES SHALL BE USED.
- THE SYSTEM IS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS OR WATER CONDITIONERS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM, AND REAPPROVED BY THE GOVERNMENT AGENCIES HAVING JURISDICTION.

- ALL SEWER LINES SHALL BE INSTALLED HAVING THE FOLLOWING MINIMUM SLOPES: 1/4" FT FROM THE BUILDING TO THE SEPTIC TANK, 1/8" FT FROM THE SEPTIC TANK TO THE POINT OF DISTRIBUTION, AND 1/16" FT TO 1/32" FT FOR LATERALS. DOSED LATERALS SHALL BE SET LEVEL.
- THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
- THE SEPTIC TANK AND DISTRIBUTION BOX SHALL BE PRE-CAST CONCRETE.
- 4" ID CAST IRON OR SCHEDULE 40 PVC PIPE SHALL BE USED BETWEEN THE BUILDING AND THE SEPTIC TANK. 4" ID SOLID TIGHT JOINT PVC PIPE SHALL BE USED BETWEEN THE SEPTIC TANK AND POINTS OF DISTRIBUTION. 4" ID PERFORATED PVC PIPE TO BE USED FOR LATERALS WITH THE PERFORATIONS FACING DOWN. LATERALS SHALL BE SOLID WALL PVC FOR A DISTANCE OF TWO FEET FROM THE DISTRIBUTION BOX. ALL SOLID WALL PIPE SHALL BE SDR-35.
- IF A WELL IS UPGRADE OF AN ABSORPTION FIELD, THE SEPARATION BETWEEN THE WELL AND THE ABSORPTION FIELD SHALL BE 100 FEET MINIMUM. IF THE WELL IS DOWNGRADE AND IN THE GENERAL DRAINAGE PATH OF AN ABSORPTION FIELD, THE SEPARATION SHALL BE 200 FEET MINIMUM.
- THE OWNER/APPLICANT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE "AS-BUILT" DRAWING OF ANY INSTALLED SANITARY FACILITIES.
- THE SEPTIC TANK SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2 TO 3 YEARS.
- THE DISTRIBUTION BOX SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT IT IS LEVEL AND OPERATING PROPERLY.
- THE WELL SHALL BE TESTED IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF HEALTH FACT SHEET #3 "RECOMMENDED RESIDENTIAL WATER QUALITY TESTING".
- ALTHOUGH THERE ARE NO NEW YORK STATE REGULATIONS REGARDING MAINTENANCE OF WELLS, PERIODIC TESTING OF WELL WATER (A MINIMUM OF YEARLY) IS RECOMMENDED.
- AFTER COMPLETION, GRASS AND MULCH SHALL BE APPLIED TO THE ABSORPTION FIELD AREA.

**GENERAL NOTES:**

- OWNER AND APPLICANT: JOSEPH P. AND MARIA S. AFONSO  
14 MARINO DRIVE  
WALKKILL, NY 12589
- TAX MAP DATA: SECTION 2 LOT 1 LOTS 16 AND 23.2  
PARCEL AREAS: SBL 2-1-16 = 3.697 AC.  
SBL 2-1-23.2 = 4.517 AC.
- THE LOCATIONS (HORIZONTAL AND VERTICAL) AND SIZES OF UNDERGROUND UTILITIES SHALL NOT BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION, ELEVATION AND SIZE OF ANY EXISTING UNDERGROUND UTILITY. BEFORE BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATIONS TO LOCATE EXISTING UNDERGROUND UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT MAKING REVISIONS AS NEEDED.
- ANY EXISTING STRUCTURE, CURB, PAVED AREA, LANDSCAPED AREA, ETC. DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
- IT IS THE DEVELOPER'S OR CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY NECESSARY PERMITS REQUIRED FROM FEDERAL, STATE OR LOCAL AUTHORITIES.
- PRIOR TO SITE DISTURBANCE, THE OWNER/APPLICANT SHALL HAVE THE SEWAGE DISPOSAL FIELD LOCATION CLEARLY MARKED. THIS AREA SHALL NOT BE DISTURBED UNTIL THE SEPTIC SYSTEM IS TO BE INSTALLED. STRIPPING TOPSOIL IN THIS AREA IS STRICTLY PROHIBITED.
- THE BOUNDARY AND TOPOGRAPHICAL INFORMATION SHOWN HEREON IS AS PER A FIELD SURVEY COMPLETED FEBRUARY 9, 2022, PREPARED BY MARTIN F. ANTHONISEN, JR., NYS REGISTRATION NO. 050764-1.
- THE EXISTING WELL LOCATIONS SHOWN ARE AS PER THE ABOVE MENTIONED FIELD SURVEY EXCEPT AS NOTED.
- THE EXISTING SEWAGE DISPOSAL SYSTEMS SHOWN ARE AS PER TOWN OF NEWBURGH CODE COMPLIANCE DEPARTMENT RECORDS EXCEPT AS NOTED.
- MAP REFERENCE: "PER-MAR SUBDIVISION SECTION 1" FILED IN THE ORANGE COUNTY CLERK'S OFFICE AS MAP NO. 3939.

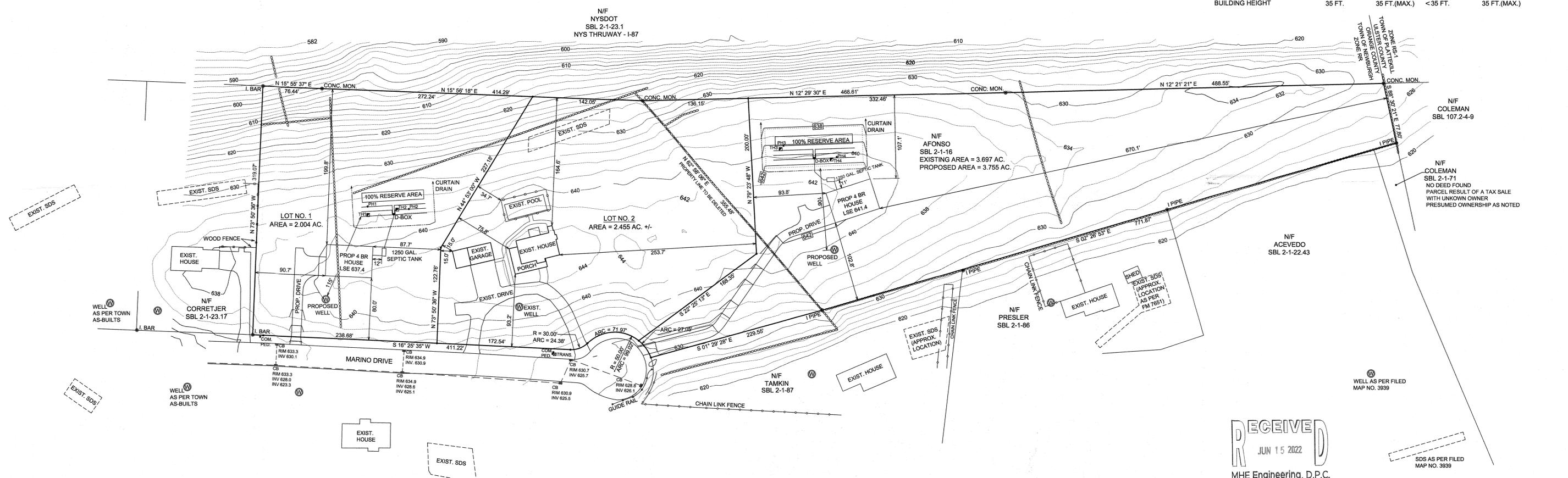


**ZONE : RR  
REGULATION**

LOT AREA	MINIMUM REQUIRED	MINIMUM PROPOSED		
	2.00 AC.	LOT NO. 1 2.004 AC.	LOT NO. 2 2.455 AC.	SBL: 2-1-16 3.755 AC.
LOT WIDTH	200 FT.	238.7 FT.	356.9 FT.	272.6 FT.
LOT DEPTH	300 FT.	320.1 FT.	322.2 FT.	832.1 FT.
FRONT YARD	60 FT.	80.0 FT.	93.2 FT.	93.8 FT.
REAR YARD	100 FT.	199.8 FT.	164.6 FT.	670.1 FT.
ONE SIDE YARD	50 FT.	87.7 FT.	75.8 FT.	102.8 FT.
BOTH SIDE YARDS	100 FT.	178.4 FT.	329.5 FT.	209.9 FT.

LOT BUILDING COVERAGE	MAXIMUM PERMITTED	MAXIMUM PROPOSED		
	10 %	2.7 %	2.2 %	1.5 %
LOT SURFACE COVERAGE	10 %	5.2 %	10.0 %	4.2 %
BUILDING HEIGHT	35 FT.	35 FT.(MAX.)	<35 FT.	35 FT.(MAX.)



**SDS DESIGN BASIS**

	LOT NO. 1	SBL: 2-1-16
NO. OF BEDROOMS	4	4
DAILY FLOW (GPD)	440	440
SEPTIC TANK CAPACITY (GAL.)	1250	1250
DESIGN PERCOLATION RATE (MIN./IN.)	7 MIN.	15 MIN.
ABSORPTION TRENCH REQUIRED (LF)	220 LF	275 LF
ABSORPTION TRENCH PROVIDED (LF)	240 LF 6 LATS @ 40 LF EA.	300 LF 6 LATS @ 50 LF EA.
TYPE OF SYSTEM	ABSORPTION TRENCH	SHALLOW ABSORPTION TRENCH

- LEGEND:**
- PH/TH - PERCOLATION TEST/DEEP TEST LOCATION
  - ST - SEPTIC TANK
  - DB - DISTRIBUTION BOX
  - CD - CURTAIN DRAIN
  - W - WELL
  - 490 - EXISTING CONTOUR
  - 490 - PROPOSED CONTOUR

**OWNER'S ENDORSEMENT:**  
I, THE UNDERSIGNED, HAVE REVIEWED THE CONTENTS OF THIS PLAN AND HEREBY CONCUR WITH ALL THE TERMS AND CONDITIONS AS STATED HEREON, AND TO THE FILING OF THIS PLAN.

JOSEPH P. AFONSO

**COUNTY CERTIFICATION:**  
THE PROPOSED SEWAGE DISPOSAL SYSTEM AND WATER SUPPLY SYSTEM SHOWN ARE DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS ESTABLISHED BY THE NYS DEPARTMENT OF HEALTH AND THE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION FOR RESIDENTIAL LOTS. THE DESIGN IS BASED UPON ACTUAL SOIL AND SITE CONDITIONS FOUND UPON THE LOT AT THE DESIGN LOCATION AT THE TIME OF DESIGN.

**TOWN CERTIFICATION:**  
I HEREBY CERTIFY TO THE TOWN OF NEWBURGH THAT THE SEWAGE DISPOSAL SYSTEM DEPICTED ON THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE PUBLIC HEALTH LAW AND ALL REGULATIONS PROMULGATED THEREUNDER.

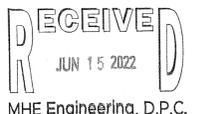
**SURVEYOR'S CERTIFICATION:**  
I HEREBY CERTIFY THAT THE BOUNDARY AND TOPOGRAPHICAL SURVEY SHOWN HEREON IS THE RESULT OF AN ACTUAL FIELD SURVEY COMPLETED ON FEBRUARY 9, 2022.

MARTIN F. ANTHONISEN, JR.  
NYS REGISTRATION NO. 050764-1

**CALL BEFORE YOU DIG**  
DIG SAFELY NEW YORK MUST BE CONTACTED (DIAL 811 OR 1-800-962-7962) AT LEAST TWO FULL WORKING DAYS PRIOR TO ANY EXCAVATION, DRILLING OR BLASTING TO HAVE ANY EXISTING UNDERGROUND UTILITIES LOCATED AND MARKED. NON-MEMBER UTILITIES MUST BE CONTACTED SEPARATELY.

UNAUTHORIZED ALTERATION OR ADDITION TO A MAP BEARING A LICENSED PROFESSIONAL'S SEAL IS A VIOLATION OF SECTION 7209(2) OF THE NEW YORK STATE EDUCATION LAW.

5/6/2022	ZONE TABLE, BUILDING SETBACKS
DATE	REVISION

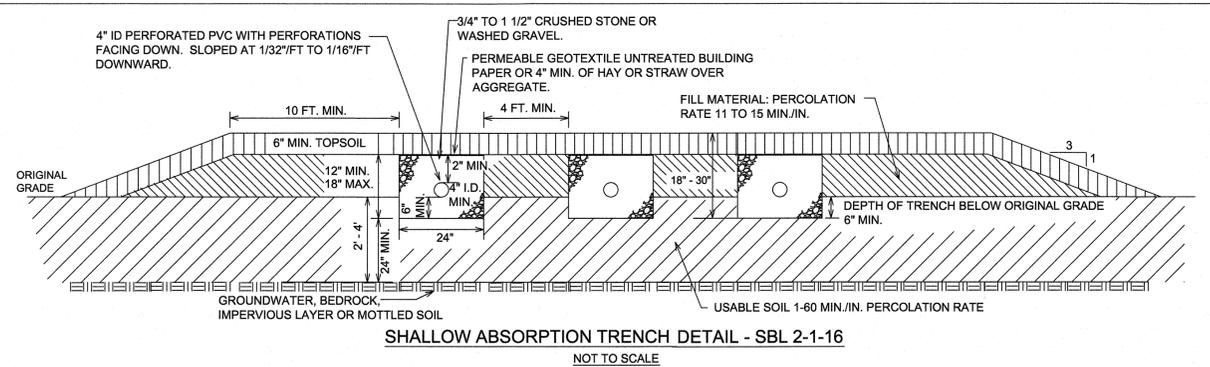
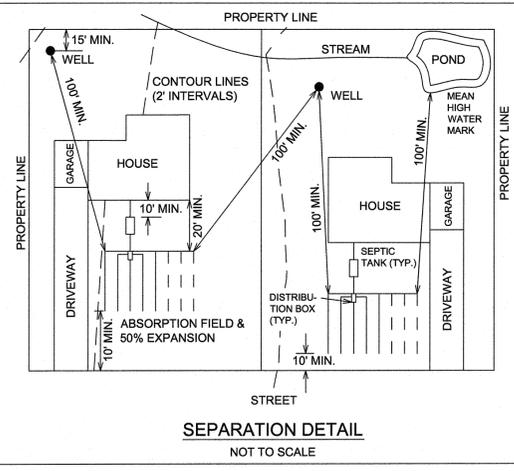


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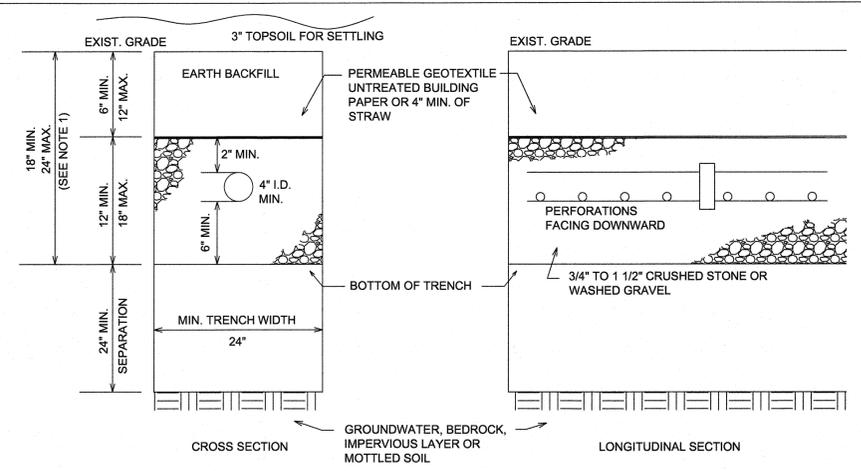
**TWO LOT SUBDIVISION AND LOT LINE CHANGE PLAN**  
FOR  
**JOSEPH P. AND MARIA S. AFONSO**  
14 MARINO DRIVE, TOWN OF NEWBURGH  
ORANGE COUNTY, NEW YORK  
DATE: APRIL 20, 2022 SCALE: 1 IN. = 60 FT.  
TAX PARCEL SECTION 2 BLOCK 1 LOTS 16 & 23.2

PREPARED BY:  
**DARREN C. DOCE, PE**  
5 LINCOLNDALE ROAD, CAMPBELL HALL, NY 10916  
TEL. 845 561-1170 EMAIL DDOCE12@HOTMAIL.COM

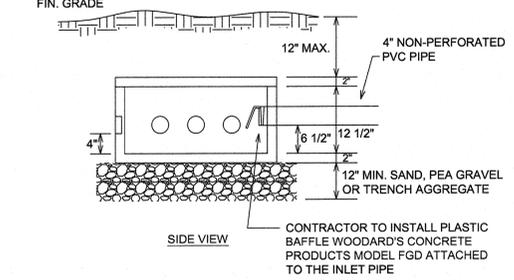
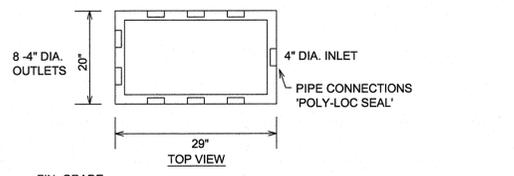
*Darren Doce*



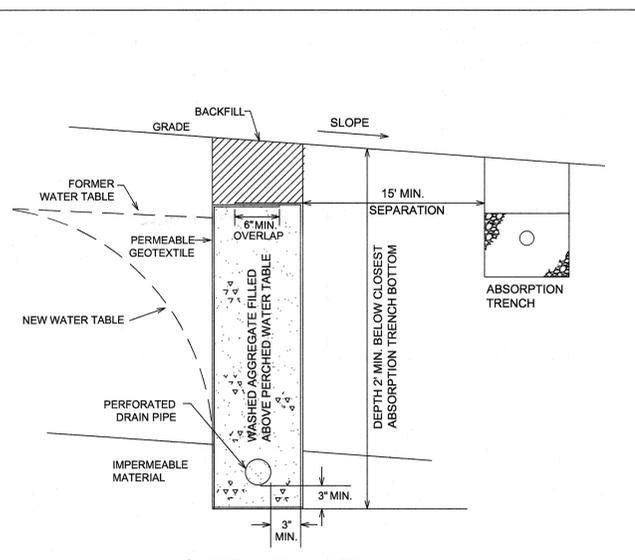
- NOTES:
1. USABLE FILL MATERIAL SHOULD HAVE A PERCOLATION RATE SIMILAR TO BUT NOT FASTER THAN THE USABLE UNDERLYING SOIL. PERCOLATION TEST RESULTS OF THE IN SITU (I.E. AT THE BORROW PIT) SHALL BE USED TO ASSURE THAT THE PERMEABILITY OF THE FILL MATERIAL IS COMPATIBLE WITH THE ON-SITE SOIL PERMEABILITY. DEPTH OF USABLE FILL PLUS SIX INCHES OF TOPSOIL TO BE NO GREATER THAN 30 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
  2. TRENCH BOTTOMS SHALL NOT BE ABOVE THE ORIGINAL GROUND SURFACE. SET THE BOTTOM OF TRENCHES 6 INCHES BELOW GRADE TO MEET THE REQUIRED 24 INCH SEPARATION BETWEEN THE TRENCH BOTTOMS AND THE MOTTLED SOIL.
  3. HEAVY EQUIPMENT TO BE KEPT OFF OF THE ABSORPTION AREA. FILL TO BE PLACED CAREFULLY WITHIN THE ABSORPTION AREA.
  4. PLACE DIVERSION DITCH ON THE UPHILL SIDE OF THE FILL MATERIAL TO PREVENT RUNOFF FROM ENTERING THE FILL.
  5. THE SURFACE OF THE SYSTEM, INCLUDING THE TAPER, TO BE COVERED WITH 6 INCHES OF TOPSOIL, MOUNDING TO ENHANCE RUNOFF OF RAINWATER FROM THE SYSTEM AND SEEDED.
  6. FILL MATERIAL TO BE INSPECTED AND APPROVED BY A NY'S LICENSED PROFESSIONAL ENGINEER.
  7. ROTOTILLING OR SOIL SCARIFICATION WITH CONSTRUCTION EQUIPMENT IS NOT RECOMMENDED. ALL TREES AND STUMPS SHALL BE CUT AT GRADE AND REMOVED. VEGETATION SHALL BE CUT AS CLOSE TO GRADE AS POSSIBLE AND REMOVED. ALL LEAVES, LIMBS AND BOULDERS ABOVE GRADE SHALL BE REMOVED. ROOT STRUCTURE BELOW GRADE SHALL NOT BE REMOVED. TRENCH BOTTOMS SHALL BE SET LEVEL. TRENCHES SHALL BE PARALLEL TO GROUND CONTOURS.
  8. FILL SHALL EXTEND AT LEAST TEN FEET BEYOND ENDS OF TRENCHES BEFORE STARTING ON A SLOPE NO GREATER THAN 1 VERTICAL ON 3 HORIZONTAL TO THE ORIGINAL GRADE.
  9. DO NOT INSTALL TRENCHES IN WET SOIL.
  10. RAKE THE SIDES AND BOTTOM OF TRENCHES PRIOR TO PLACING GRAVEL.
  11. THE ENDS OF PERFORATED PIPE TO BE CAPPED.
  12. SPACING OF TRENCHES TO BE 6 FEET ON CENTER.
  13. LATERALS SHALL BE 4" I.D. PERFORATED PVC PIPE WITH PERFORATIONS FACING DOWN.



1. INSTALL TRENCH BOTTOMS AT 24" BELOW EXISTING GRADE MAXIMUM.
2. TRENCH BOTTOMS ARE TO BE SET LEVEL. LATERALS TO BE SLOPED AT 1/32"/FT TO 1/16"/FT DOWNWARD.
3. DO NOT INSTALL TRENCHES IN WET SOIL.
4. RAKE THE SIDES AND BOTTOM OF TRENCHES PRIOR TO PLACING GRAVEL.
5. THE ENDS OF THE PERFORATED PIPE TO BE CAPPED.
6. FOUR FEET OF UNDISTURBED SOIL TO REMAIN BETWEEN TRENCHES.
7. SPACING OF TRENCHES TO BE 6 FEET ON CENTER.
8. LATERALS TO BE 4" I.D. PERFORATED PVC PIPE. PERFORATIONS TO FACE DOWN.
9. ALL TRENCHES TO BE DUG IN VIRGIN SOIL.
10. INSTALL TRENCHES PARALLEL TO GROUND CONTOURS.
11. DOSED LATERALS SHALL BE SET LEVEL.



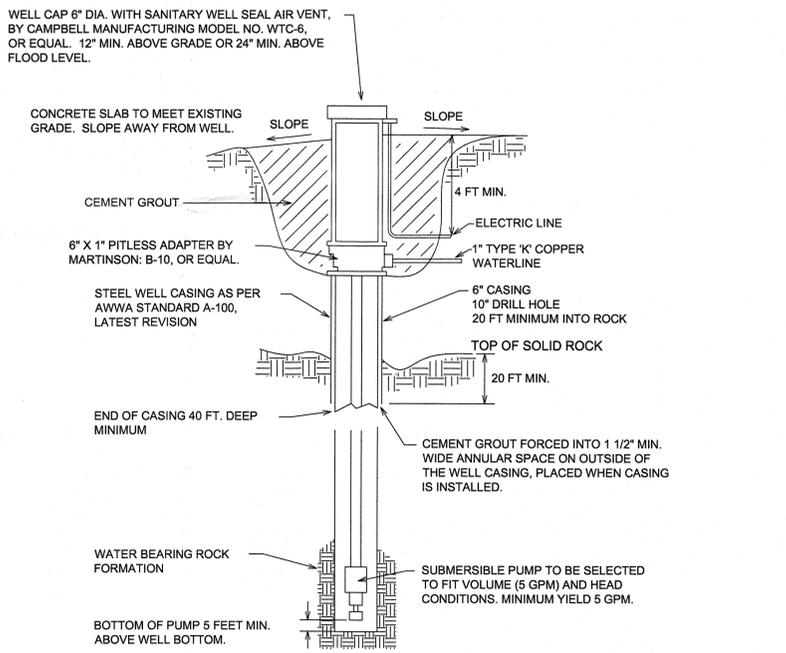
1. DISTRIBUTION BOX TO BE PRE-CAST CONCRETE MODEL NO. DB-9 BY WOODARD'S CONCRETE PRODUCTS, OR EQUAL.
2. A BAFFLE IS TO BE INSTALLED IN THE DISTRIBUTION BOX. THE BAFFLE SHALL BE A PLASTIC BAFFLE MODEL FGD BY WOODARD'S CONCRETE PRODUCTS, OR EQUAL, INSTALLED BY THE CONTRACTOR ON-SITE.
3. ALL OUTLET INVERTS ARE TO BE AT THE SAME ELEVATION. FLOW EQUALIZERS ARE REQUIRED.
4. THE FIRST 10 FEET OF ALL OUTLET PIPES ARE TO BE SET AT IDENTICAL SLOPES.
5. ALL UNUSED OUTLETS ARE TO REMAIN PLUGGED.
6. OUTLETS SHALL BE UTILIZED IN A MANNER THAT WILL ALLOW ACCESS TO THE RESERVE AREA WITHOUT DISTURBING THE EXISTING PIPING.
7. LATERALS SHALL BE SOLID WALL PVC FOR A DISTANCE OF 2 FEET (MIN.) FROM THE DISTRIBUTION BOX.
8. ALL PVC FITTINGS SHALL BE GASKETTED OR SOLVENT WELDED.



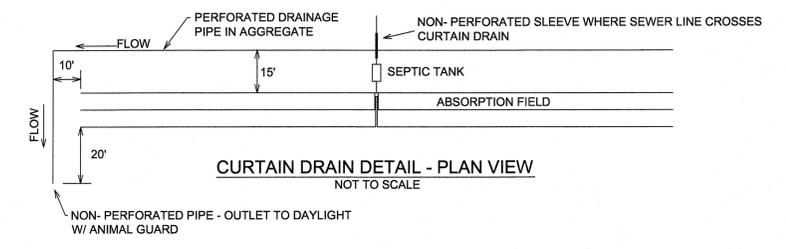
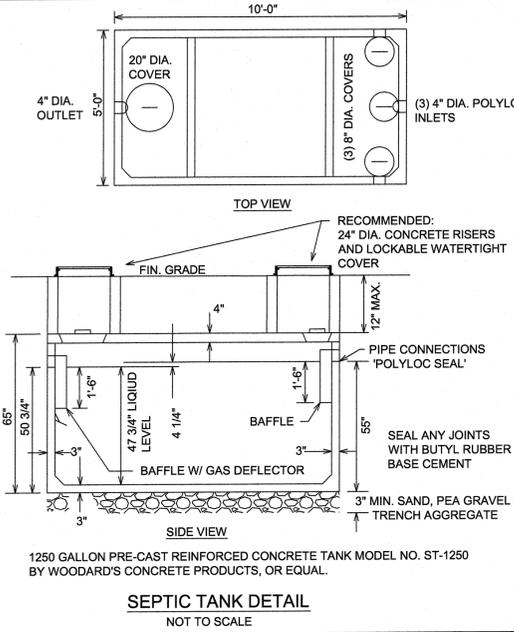
1. CURTAIN DRAIN OUTLET TO DAYLIGHT.
2. INSTALL ANIMAL GUARD AT THE PIPE OUTLET.

PERCOLATION TEST RESULTS		TIME						STABILIZED RATE		
LOT NO.	HOLE NO.	DEPTH (IN.)	DATE	RUN 1	RUN 2	RUN 3	RUN 4		RUN 5	RUN 6
1	1	24	4/01/2022	3 M 47 S	5 M 03 S	5 M 40 S	5 M 50 S	6 M 00 S	7 M 00 S	7 MIN/IN
2	2	24	4/01/2022	4 M 30 S	6 M 00 S	7 M 02 S	6 M 50 S	7 M 00 S		
SBL 2-1-16	3	12	3/29/2022	8 M 24 S	9 M 40 S	10 M 10 S	11 M 30 S	12 M 30 S	12 M 42 S	15 MIN/IN
	4	12	3/29/2022	14 M 45 S	14 M 14 S	14 M 15 S	14 M 10 S			

DEEP TEST HOLE RESULTS		TIME	
LOT NO.	HOLE NO.	DATE	DESCRIPTION
1	1	3/23/2022	0' TO 5' TOPSOIL 5' TO 13' DARK BROWN SILT LOAM 13' TO 66' LIGHT BROWN SILT LOAM 66' TO 96' LIGHT BROWN SILT LOAM W/ SHALE FRAGMENTS WATER SEEP @ 66" NO BEDROCK
2	2	3/23/2022	0' TO 6' TOPSOIL 6' TO 13' DARK BROWN SILT LOAM 13' TO 60' LIGHT BROWN SILT LOAM 60' TO 84' LIGHT BROWN SILT LOAM W/ SHALE FRAGMENTS NO GROUNDWATER NO BEDROCK
SBL 2-1-16	3	3/23/2022	0' TO 6' TOPSOIL 6' TO 12' DARK BROWN SILT LOAM 12' TO 32' LIGHT BROWN SILT LOAM 32' TO 42' LIGHT BROWN SILT LOAM MOTTLED 42' TO 72' LIGHT BROWN SILT LOAM NO GROUNDWATER BEDROCK @ 72'
4	4	3/23/2022	0' TO 5' TOPSOIL 5' TO 13' DARK BROWN SILT LOAM 13' TO 34' LIGHT BROWN SILT LOAM 34' TO 45' LIGHT BROWN SILT LOAM MOTTLED 45' TO 84' LIGHT BROWN SILT LOAM NO GROUNDWATER BEDROCK @ 84'



- NOTES:
1. WELL TO BE CONSTRUCTED IN ACCORDANCE WITH 'NYSDOH APPENDIX 5-B: STANDARDS FOR WATER WELLS, LATEST EDITION.
  2. THE WELL SHALL BE TESTED IN ACCORDANCE TO NEW YORK STATE DEPARTMENT OF HEALTH - FACT SHEET #3 'RECOMMENDED RESIDENTIAL WATER QUALITY TESTING.'



UNAUTHORIZED ALTERATION OR ADDITION TO A MAP BEARING A LICENSED PROFESSIONAL'S SEAL IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

DATE	REVISION

THIS SHEET IS INVALID UNLESS ACCOMPANIED BY SHEET 1 OF 3 THROUGH SHEET 3 OF 3.

**DETAIL SHEET**  
FOR  
**JOSEPH P. AND MARIA S. AFONSO**  
14 MARINO DRIVE, TOWN OF NEWBURGH  
ORANGE COUNTY, NEW YORK  
DATE: APRIL 20, 2022 SCALE: AS SHOWN  
TAX PARCEL SECTION 2 BLOCK 1 LOTS 16 & 23.2

PREPARED BY:  
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SHEET 2 OF 3

*Darren C. Doce*

