

Borough of Rumson

BOROUGH HALL 80 East River Road Rumson, New Jersey 07760-1689 rumsonnj.gov

Marie DeSoucey Land Use & Development Official

office 732.842.3300 fax 732.219.0714 mdesoucey@rumsonnj.gov

Denial Memorandum

Date:

April 5, 2024

Applicant:

Thomas McLaughlin

Address:

24 Ridge Road

Block

Lot

Zone

Rumson, NJ 07760

70

8

R-2

Applicant's Request to:

Install a 760 square foot in-ground swimming pool and 774 square feet pool patio on an undersized lot

Was **denied** for the following non-conformities:

Borough of Rumson Ordinances/Development Regulations Schedule 5-1 Zoning District Regulations, Schedule 5-4 Maximum Permitted Lot Coverages and Ordinance 22-7.7 Accessory Buildings and Structures

- 1. (Sched 5-4) Proposed lot coverage of 9,633 square feet, whereas 8,034 square feet is existing and 6, 865 square feet is permitted. (* Existing variance – Intensified*)
- 2. Proposed side yard accessory structure (pool) setback of 15 feet whereas 25 feet are required. (Borough ordinance 22-7.8g1). (* New variance *)

* Existing nonconformities - unchanged *

- 3. (Sched 5-1) Minimum lot area 25,117 sf, whereas 43,560 sf is required.
- 4. (Sched 5-1) Minimum lot frontage of 108.9 ft, whereas 150 ft is required.
- 5. (Sched 5-1) Minimum lot width of 125.4 ft, whereas 150 ft is required.
- 6. (Sched 5-1) Minimum front yard setback of 58.2 ft, whereas 75 ft is required.
- 7. (Sched 5-1) Minimum accessory (shed) side yard setback of 12 ft, whereas 15 ft is required.
- 8. (Sched 5-1) Minimum accessory (shed) rear yard setback of 4.5 ft, whereas 15 ft is required.

The variances identified above were evaluated based on the Survey of Property, prepared by Charles V. Bell Associates Inc., signed by Charles V. Bell (unsealed), dated June 12, 2012, no revisions, one sheet; and Swimming Pool Grading Plan prepared by MGC Associates, signed & sealed by Gary Chiang, P.E., dated January 8, 2023, last rev (2) March 15, 2024, consisting of one (1) sheet.

If you have any questions or require additional information, please do not hesitate to contact me.

Marie DeSoucey

Land Use & Development Official

Cc: Thomas Rogers, Borough Clerk/Administrator

David M. Marks, P.E., C.M.E., Borough Engineer

Sabine O'Connor, Technical Assistant



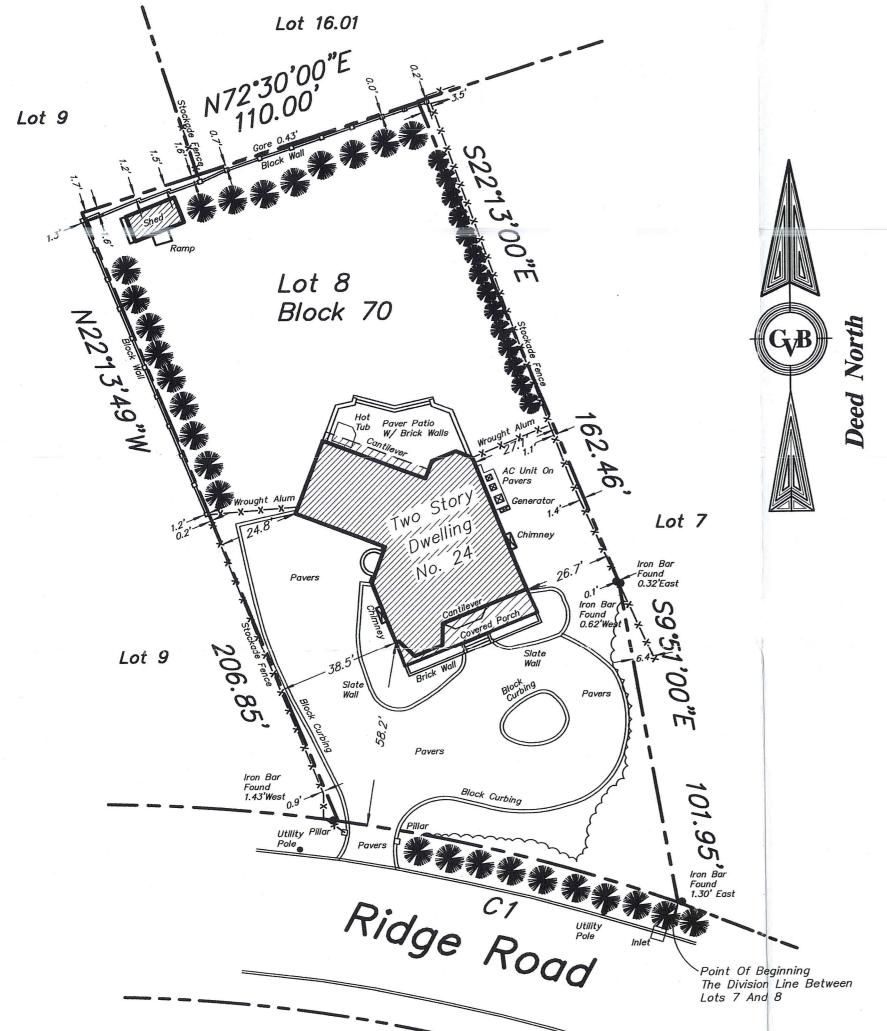
Borough of Rumson BOROUGH HALL 80 East River Road Rumson, New Jersey 07760-1689 rumsonnj.gov



APPLICATION TO THE ZONING BOARD OF ADJUSTMENT

Thomas McLaughtin	ting, melaugh line granition	45-7	10-3960
Name of Applicant	Email	Phone Number	
Property Address		70	8
Property Address		Block	Lot
Name of Owner (IF NOT APPLICANT) A corporation, S-Corp, LLC or LLP MU	ST he represented by a licensed attorney in the .	State of New Jerso	ey.
Applicant's Attorney and contact informa	tion (if any)		
Applicant's Architect and contact informa	ation (if any)		
MGIC Associates	237-1 Burn 81 Z. 1" - 4 1 - 2001	609-556	4915
-	tion (if dify)	001-336	7113
Signature of Applicant or Agent	12 Land	3/8/24	
Signature of Applicant or Agent /	1	Date	
Proposed plan In-ground	swimming pool and patio		
Variances requested Ooo Sid	be setback of 15' whereas 25';	s required.	
	lerage of 9,633 st is proposed u	V	t st. icalland
	Pro- contract of the contract		Service Control of the Control of th

NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	11°08'37"	108.92'	560.00'	N76°00'28"W	108.75



NOTES:

Offsets Dimensions From Structures To Property Lines Shown Hereon Are Not To Be Used To Re—Establish Property Lines.

Underground Encroachments, If Any, Have Not Been Shown.

This Survey Is Subject To Any Facts That May Be Disclosed By A Full And Accurate Title Search.

This Surveyor Is Not Qualified To Make Any Determination As To Existence Or Non—Existence Of Wetlands And/Or Toxic Wastes. No Statement Is Being Made Or Implied Hereon, Nor Should It Be Assumed Or Construed That Any Statement Is Being Made By The Fact That No. Evidence Of Wetlands And/Or Toxic Wastes Is Portrayed Hereon. The Client Should Pursue These Matters As Items Separate And Apart From This Survey.

The Use Of Word Certify Or Certification Constitutes An Expression Of Professional Opinion Regarding Those Facts Or Findings Which Are Subject Of The Undersigned Professional Knowledge And Belief And In Accodance Wtih The Common Accepted Procedure Consistent Wtih The Applicable Standards Of Practice And Does Not Constitute A Warranty Or Guarantee Either Expressed Or Implied.

A Written Waiver And Direction Not To Set Corner Markers Has Been Obtained From The Ultimate User Pursuant To P.L.2003 c.14 (C45:8-36.3) And N.J.A.C. 13:40-5.1(d).

Tax Map Reference

Lot 8 Block 70 Borough Of Rumson Tax Map Sheet No. 15

Lot Area: 25,117.4 S.F. (0.577 Acres)

CERTIFIED TO:

THOMAS J. McLAUGHLIN and NANCY McLAUGHLIN, h/w; WELLS FARGO BANK, N.A., its successors and/or assigns; CHICAGO TITLE INSURANCE COMPANY; RED BANK TITLE AGENCY, INC.; and ANSELL, GRIMM and AARON, ESQ.

This Survey Is Certified Only To The Aboved Named Parties For Purchase And/Or Mortgage Of Herein Delineated Property By Above Named Purchaser. No. Responsibility Or Liability Is Assumed By The Surveyor For Any Other Use Of Survey Including, But Not Limited To, Use Of Survey For Survey Affidavit, Re—Sale Of Property, Or To Any Other Person Not Listed In The Certification.

SURVEY OF PROPERTY 24 RIDGE ROAD LOT 8 BLOCK 70 BOROUGH OF RUMSON MONMOUTH COUNTY NEW JERSEY

I Hereby Certify To The Best Of My Knowledge, Information And Belief, That This Survey Has Been Performed In Accordance With The Accepted Standard Of The Profession As Practiced In The State Of New Jersey

Date Description

CVB CHARLES V. BELL ASSOCIATES INC.

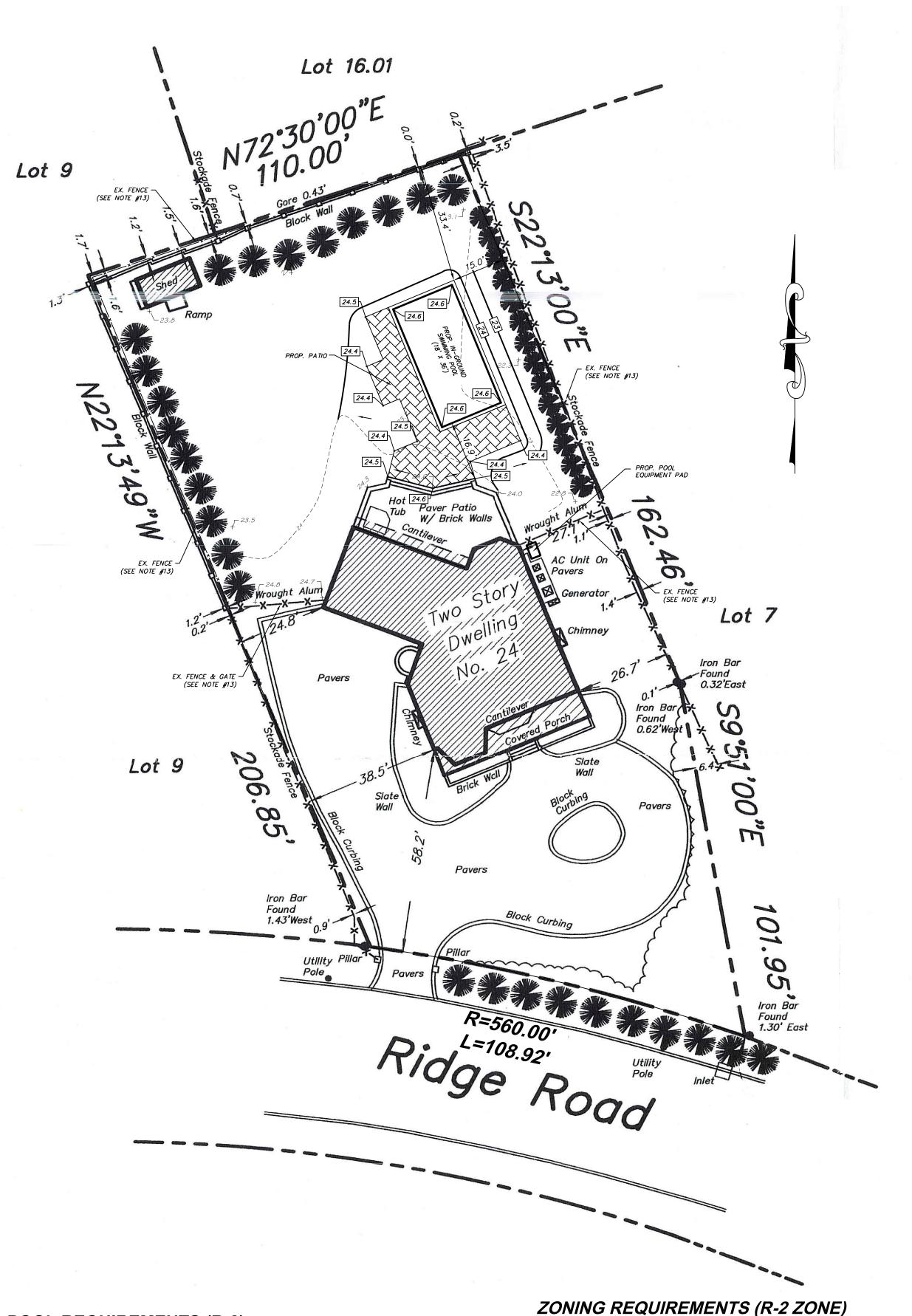
PROFESSIONAL LAND SURVEYORS AND PLANNERS
40 MEREDITH DRIVE TINTON FALLS, NEW JERSEY 07724
732-542-1616 Fax 732-542-2999 BellLandSurveyors@Corncastmet

CHARLES V. BELL JR.

N.J. Professional Land Surveyor Licence No. 27501

N.J. Professional Planner License No. 2468

Scale Date Drawn Checked File No. Field Book
1"=30" June 12, 2012 CVB CVB 12789 388



SIDE YARD SETBACK/COMBINED SIDE YARD SETBACK . . . 25/50 FT. 24.8**/51.5 FT.

* SEE LOT COVERAGE CALCULATIONS

** EXISTING NON COMFORMITY

*** VARIANCE REQUIRED

LOT AREA .

ACESSORY BUILDING:

0.58 ACRES **

125.4 FT. **

108.9 FT. **

58.2 FT. **

12.0 FT. **

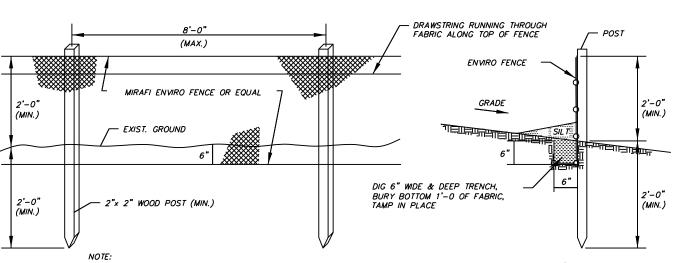
4.5 FT. **

6,864 S.F. * 8,084 S.F. ** 9,633 S.F. ***

IN-GROUND SWIMMING POOL REQUIREMENTS (R-2)

MINIMUMS:	PERMITTED:	EXISTING:	PROPOSED:
SETBACK TO SIDE PROPERTY LINE (to edge of pool walkway)	. 25 FT.	_	15.0 FT. ***
SETBACK TO REAR PROPERTY LINE (to edge of pool walkway)	. 25 FT.	_	<i>33.4 FT</i> .

- FOR LOTS GREATER THAN 10,000 S.F. AND LESS THAN 70,000 S.F. LOT COVERAGE = 3,970 S.F. + (0.1915 * LOT AREA OVER 10,000 S.F.) 3,970 S.F. + (0.1915 * 15,117 S.F.) = 6,864 S.F.
- SEE IMPERVIOUS COVERAGE CALCULATION, EXCLUDES: ALL WALKWAYS, UNROOF DECKS AND PORCHES WHICH ARE <20% OF THE PRINCIPAL BUILDING GROUND FLOOR AREA. FIRST 12" OF EAVES, ROOFED OPEN SIDED PORCHES FACING THE FRONT YARD WHICH ARE <10% OF THE PRINCIPAL BUILDING GROUND FLOOR AREA AND PATIOS WHICH ARE <30% OF THE PRINCIPAL BUILDING GROUND FLOOR AREA.



THE FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND A HIGH STRENGTH REINFORCEMENT MATERIAL (NYLON WEBBING, GROMMETS, WASHERS, ETC.) PLACED BETWEEN THE FASTENER AND THE GEOTEXTILE FABRIC. THE FASTENING SYSTEM SHALL RESIST TEARING AWAY FROM THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE TOP PORTION OF THE FENCE FOR ADDED STRENGTH.

SILT FENCE DETAIL NO SCALE

LEGEND

----125--- = EX. CONTOURx 125.05 = EX. SPOT ELEVATION

PROPOSED SPOT ELEVATION

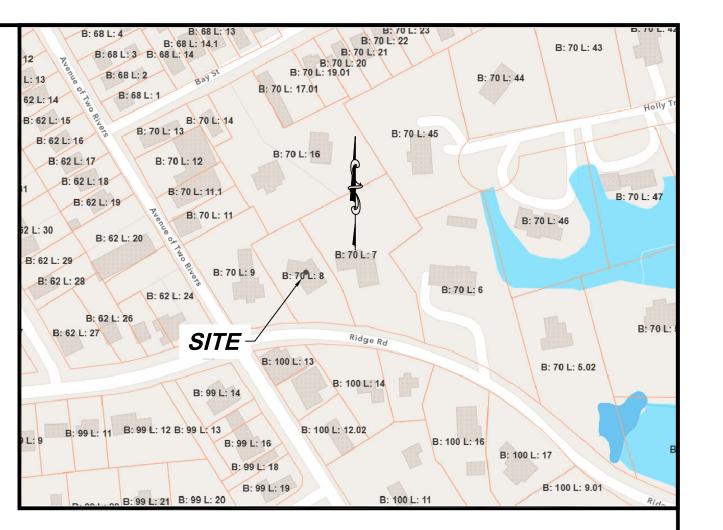
→ = DIRECTION OF OVERLAND STORMWATER FLOW

EX. IMPERVIOUS COVERAGE CALCULATIONS

EX. DWELLING EX. PAVED DRIVEWAY EX. PORCH		522 SQUARE FEET 433 SQUARE FEET
	SF)	
(276 S.F. EX. PORCH - 504 S.F.)	=	0 SQUARE FEET
EX. PATIO		
(2,522 S.F. PRINCIPAL BUILDING * 30% = 757	S.F.)	
(735 S.F. EX. PATIO - 757 S.F.)	=	0 SQUARE FEET
EX. SHED	=	129 SQUARE FEET
TOTAL	= 8,	084 SQUARE FEET
	EX. PAVED DRIVEWAY EX. PORCH (2,522 S.F. PRINCIPAL BUILDING * 20% = 504 (276 S.F. EX. PORCH - 504 S.F.) EX. PATIO (2,522 S.F. PRINCIPAL BUILDING * 30% = 757 (735 S.F. EX. PATIO - 757 S.F.) EX. SHED	EX. PAVED DRIVEWAY = 5, EX. PORCH (2,522 S.F. PRINCIPAL BUILDING * 20% = 504 S.F.) (276 S.F. EX. PORCH - 504 S.F.) = EX. PATIO (2,522 S.F. PRINCIPAL BUILDING * 30% = 757 S.F.) (735 S.F. EX. PATIO - 757 S.F.) = EX. SHED = EX.

PROBUMPERVIOUS COVERACE CALCULATIONS

	PROP. IMPERVIOUS COVE	ERAGE CALCULATIONS
E	X. DWELLING X. PAVED DRIVEWAY X. PORCH	= 2,522 SQUARE FEET = 5,433 SQUARE FEET
(XX. PONON 22,522 S.F. PRINCIPAL BUILDING * 20 276 S.F. EX. PORCH - 504 S.F.) XX. PATIO	0% = 504 S.F.) = 0 SQUARE FEET
	2,522 S.F. PRINCIPAL BUILDING * 30 735 S.F. EX. PATIO - 757 S.F.)	9% = 757 S.F.) = 0 SQUARE FEET
Ē	X. SHED	= 129 SQUARE FEET
	ROP. POOL & COPING ROP. POOL EQUIPMENT	= 760 SQUARE FEET = 15 SQUARE FEET
P	ROP. PATIO	= 774 SQUARE FEET TOTAL = 9,633 SQUARE FEET



LOCATION MAP



GENERAL NOTES:

- PROPERTY BEING KNOWN AS BLOCK 70 TAX LOT 8, WITHIN THE BOROUGH OF RUMSON, MONMOUTH COUNTY. THE PROPERTY CONTAINS APPROXIMATELY 25,117 SQUARE FEET.
- 2. OUTBOUND AND EXISTING SITE IMPROVEMENT INFORMATION IS BASED UPON A PLAN ENTITLED "SURVEY OF PROPERTY, 24 RIDGE ROAD, LOT 8 BLOCK 70, BOROUGH OF RUMSON, COUNTY OF MONMOUTH, NEW JERSEY", PREPARED BY CVB ASSOCIATES, DATED 6/12/12. TOPOGRAPHIC INFORMATION OBTAINED ON 1/5/23 AND IS BASED ON NAVD88 DATUM.
- 3. THE PROPERTY LIES OUTSIDE OF THE 0.2% (500-YEAR) FLOOD HAZARD AREA (LIES WITHIN ZONE X SHADED) AS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, MAP NUMBER 34025C0201H, EFFECTIVE DATE 6/15/22.
- 4. NO VERIFIED FRESHWATER WETLANDS ARE WITHIN THE AREA OF PROPOSED SITE DEVELOPMENT, AS PER THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION NJ-GEOWEB SERVICE.
- 5. THE SITE IS CURRENTLY DEVELOPED WITH A SINGLE-FAMILY RESIDENTIAL DWELLING, PAVED DRIVEWAY, PATIO AND OTHER ANCILLARY STRUCTURES & UTILITIES.
- 6. PROPOSED IMPROVEMENTS CONSIST OF INSTALLING AN IN-GROUND SWIMMING POOL WITH WALKWAY AND
- 7. PROPOSED SWIMMING POOL SIZE, SHAPE AND LOCATION ARE BASED UPON INFORMATION PROVIDED BY THE
- 8. THE OUTSIDE EDGE OF THE CONCRETE WALKWAYS ASSOCIATED WITH THE IN-GROUND SWIMMING POOL SHALL
- BE INSTALLED A MINIMUM OF 15 FEET FROM THE REAR AND SIDE PROPERTY LINES. 9. THE CONTRACTOR SHALL FINISH GRADE THE AREA AROUND THE IN-GROUND SWIMMING POOL AND DWELLING IN A MANNER WHICH PROVIDES POSITIVE OVERLAND STORMWATER RUNOFF/FLOW AWAY FROM THE POOL AND
- 10. ALL AREAS NOT DESIGNATED FOR WALKWAY, POOL EQUIPMENT AND/OR THE IN-GROUND SWIMMING POOL SHALL BE STABILIZED IN ACCORDANCE WITH THE MOST CURRENT REQUIREMENTS OF THE LOCAL SOIL
- 11. ALL EXISTING ON-SITE STRUCTURES ARE TO REMAIN AS PART OF THIS APPLICATION, UNLESS NOTED
- 12. THE PROPOSED IN-GROUND SWIMMING POOL AND ASSOCIATED UTILITIES/AMENITIES SHALL COMPLY WITH ARTICLE 11 OF THE CODE BOOK OF THE BOROUGH OF RUMSON AND THE INTERNATIONAL RESIDENTIAL CODE (IRC), NEW JERSEY EDITION, LATEST REVISED.
- 13. THE PROPOSED POOL SHALL BE ENCLOSED BY A NON-CLIMBABLE BARRIER AT LEAST 4 FEET IN HEIGHT, WHICH IS EQUIPPED WITH A SELF LOCKING MECHANISM ON ALL GATES, IN ACCORDANCE WITH BOROUGH AND
- IRC REGULATIONS, LATEST REVISED.

14. THE CONTRACTOR SHALL REROUTE ANY UNDERGROUND DRAINAGE /ROOF LEADER PIPES DISTURBED DURING

- IN-GROUND SWIMMING POOL INSTALLATION AROUND POOL AREA AND PROVIDE POSITIVE DISCHARGE LOCATION.
- 15. SILT FENCING SHALL BE PLACED AROUND THE AREA DISTURBANCE AND LEFT IN PLACE UNTIL THE PROPERTY
- 16. NO SOILS INVESTIGATION HAS BEEN PERFORMED TO CLASSIFY SOIL CHARACTERISTICS OR DETERMINE THE SEASONAL HIGH GROUNDWATER ELEVATION.
- 17. THE CONTRACTOR OR LAYOUT PARTY SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS ON THE JOB SITE AND SHALL VERIFY THAT THE PLANS BEING UTILIZED ARE FINAL AND APPROVED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO ELEVATIONS AND/OR DIMENSIONS SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN PRÓVIDED.
- 18. THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO INSTALLATION OF PROPOSED IMPROVEMENTS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES NOT SHOWN ON THE PLAN EXIST WITHIN THE AREAS OF PROPOSED IMPROVEMENTS. SHOULD THERE BE "OTHER" UTILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY TO ANALYZE ANY POTENTIAL UTILITY
- 19. THE CONTRACTOR SHOULD CALL 1-800-272-1000 SEVEN (7) DAYS PRIOR TO EXCAVATION FOR FIELD MARK OUT OF UNDERGROUND UTILITIES.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF UTILITIES EXIST WITHIN THE AREA OF PROPOSED IMPROVEMENTS. SHOULD THERE BE UTILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY TO ANALYZE ANY POTENTIAL UTILITY CONFLICTS.
- 21. PRIOR TO STARTING SITE CLEARING/CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE ALL REQUIRED PERMITS/APPROVALS HAVE BEEN OBTAINED. ALL SITE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE PLANS AND THE REQUIREMENTS AND STANDARDS OF THE PERMITTING AUTHORITY.
- 22. THE IN-GROUND SWIMMING POOL WILL UTILIZE CARTRIDGE FILTERS. THERE WILL NOT BE ANY FILTER

24 RIDGE ROAD **BOROUGH OF RUMSON** MONMOUTH COUNTY, NEW JERSEY

MGC ASSOCIATES **Consulting Engineer**

3/15/24 GARY CHIANG N.J. Professional Engineer No. 44469 SHEET JOB NUMBER DATE SCALE

Office Location:

237-1 Burrs Road

Burlington, NJ 08016

609-556-4915

240109

SWIMMING POOL GRADING PLAN

TAX LOT 8 BLOCK 70

3/15/24 REV. TO PROVIDE ZONING CHART DRAWN BY: 2/20/24 REV. IN ACCORDANCE WITH TWP 1/9/24 LETTER DESIGNED BY: CHECKED BY: By Chk.



Borough of Rumson

BOROUGH HALL 80 East River Road Rumson, New Jersey 07760-1689 rumsonnj.gov Marie DeSoucey
Land Use & Development Official

office 732.842.3300 fax 732.219.0714

mdesoucey@rumsonnj.gov

Denial Memorandum - Revised

Date:

June 13, 2024

Applicant:

Thomas McLaughlin

Address:

24 Ridge Road

24 Kluge Road

Block

Lot

Zone

Rumson, NJ 07760

70

8

R-2

Applicant's Request to:

Install a 760 square foot in-ground swimming pool (with no patio) on an undersized lot.

Was denied for the following non-conformities:

Borough of Rumson Ordinances/Development Regulations Schedule 5-1 Zoning District Regulations, Schedule 5-4 Maximum Permitted Lot Coverages and Ordinance 22-7.7 Accessory Buildings and Structures

- 1. (Sched 5-4) Proposed lot coverage of 8,859 square feet, whereas 8,084 square feet is existing and 6, 865 square feet is permitted. (* Existing variance Intensified*)
- 2. Proposed side yard accessory structure (pool) setback of 15 feet whereas 25 feet are required. (Borough ordinance 22-7.8g1). (* New variance *)

* Existing nonconformities - unchanged *

- 3. (Sched 5-1) Minimum lot area 25,117 sf, whereas 43,560 sf is required.
- 4. (Sched 5-1) Minimum lot frontage of 108.9 ft, whereas 150 ft is required.
- 5. (Sched 5-1) Minimum lot width of 125.4 ft, whereas 150 ft is required.
- 6. (Sched 5-1) Minimum front yard setback of 58.2 ft, whereas 75 ft is required.
- 7. (Sched 5-1) Minimum accessory (shed) side yard setback of 12 ft, whereas 15 ft is required.
- 8. (Sched 5-1) Minimum accessory (shed) rear yard setback of 4.5 ft, whereas 15 ft is required.

The variances identified above were evaluated based on the Survey of Property, prepared by Charles V. Bell Associates Inc., signed by Charles V. Bell (unsealed), dated June 12, 2012, no revisions, one sheet; and Swimming Pool Grading Plan prepared by MGC Associates, signed & sealed by Gary Chiang, P.E., dated January 8, 2023, last rev (3) June 12, 2024, consisting of one (1) sheet.

If you have any questions or require additional information, please do not hesitate to contact me.

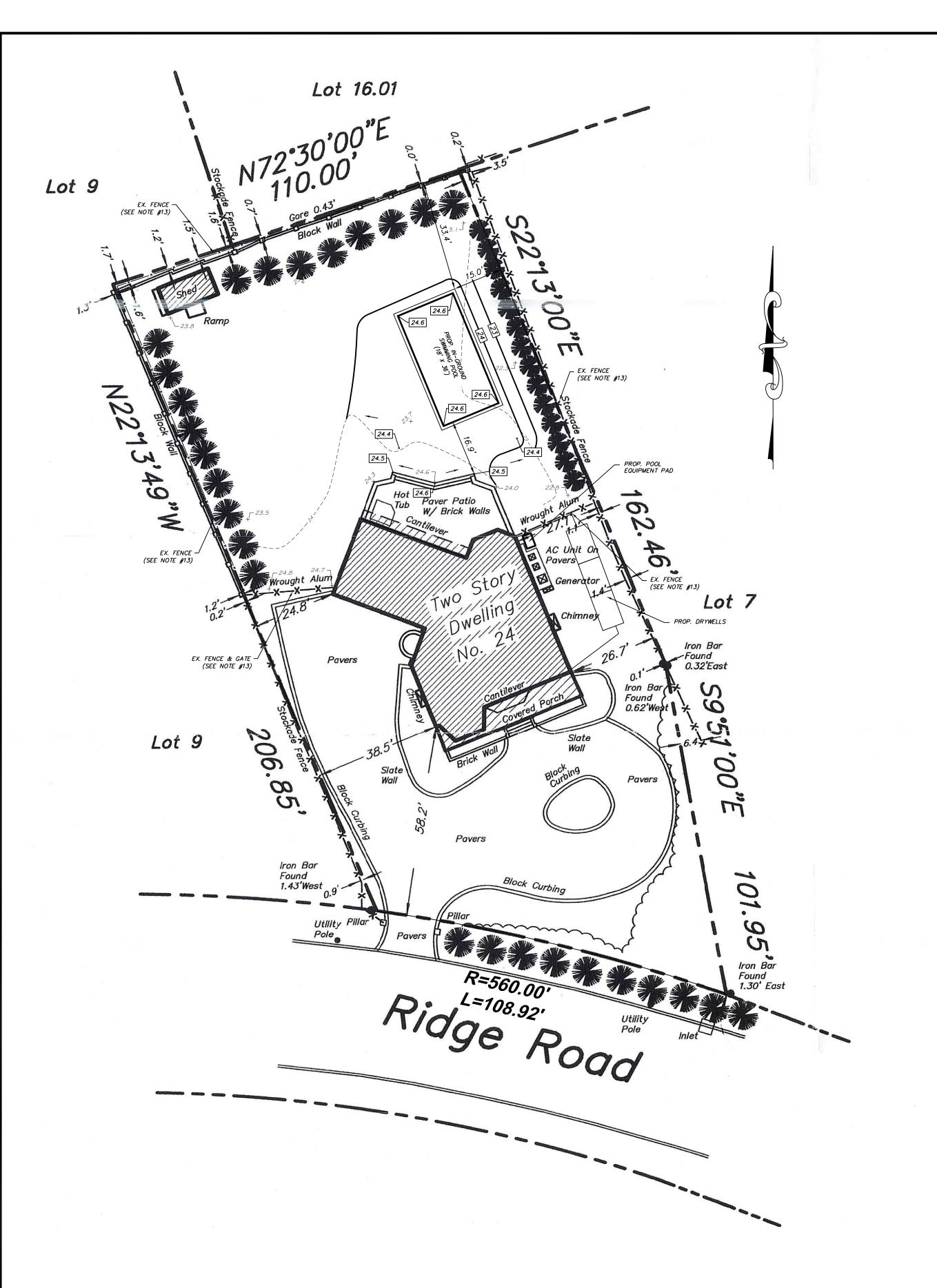
Marie DeSoucey

Land Use & Development Official

Cc: Thomas Rogers, Borough Clerk/Administrator

David M. Marks, P.E., C.M.E., Borough Engineer

Sabine O'Connor, Technical Assistant



EXISTING:

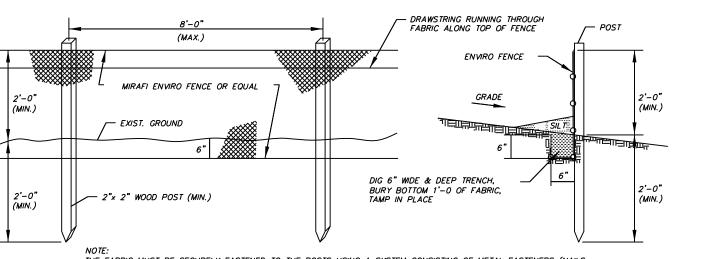
25 FT.

25 FT.

PROPOSED:

33.4 FT.

15.0 FT. ***



THE FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND A HIGH STRENGTH REINFORCEMENT MATERIAL (NYLON WEBBING, GROMMETS, WASHERS, ETC.) PLACED BETWEEN THE FASTENER AND THE GEOTEXTILE FABRIC. THE FASTENING SYSTEM SHALL RESIST TEARING AWAY FROM THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE TOP PORTION OF THE FENCE FOR ADDED STRENGTH.

SILT FENCE DETAIL

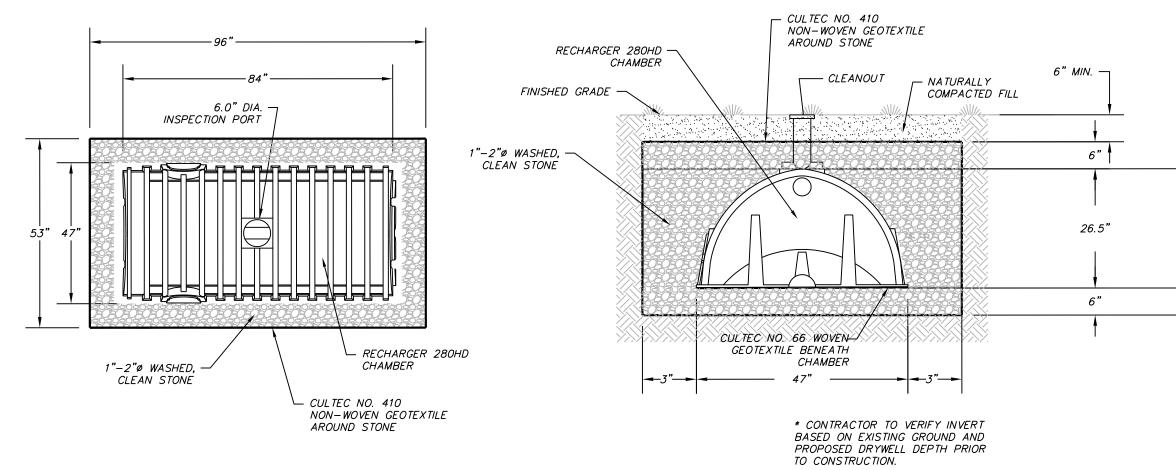
NO SCALE

EX. IMPERVIOUS COVERAGE CALCULATIONS

EX. DWELLING	= 2,522 SQUARE FEET
EX. PAVED DRIVEWAY	= 5,433 SQUARE FEET
EX. PORCH	
(2,522 S.F. PRINCIPAL BUILDING * 209	% = 504 S.F.)
(276 S.F. EX. PORCH - 504 S.F.)	= 0 SQUARE FEET
EX. PATIO	
(2,522 S.F. PRINCIPAL BUILDING * 309	% = 757 S.F.)
(735 S.F. EX. PATIO - 757 S.F.)	= 0 SQUARE FEET
EX. SHED	= 129 SQUARE FEET
	TOTAL = 8,084 SQUARE FEET

PROP. IMPERVIOUS COVERAGE CALCULATIONS

EX. DWELLING	= 2,522 SQUARE FEET			
EX. PAVED DRIVEWAY	= 5,433 SQUARE FEET			
EX. PORCH				
(2,522 S.F. PRINCIPAL BUILDING * 20%	S = 504 S.F.)			
(276 S.F. EX. PORCH - 504 S.F.)	= 0 SQUARE FEET			
EX. PATIO				
(2,522 S.F. PRINCIPAL BUILDING * 30% = 757 S.F.)				
(735 S.F. EX. PATIO - 757 S.F.)	= 0 SQUARE FEET			
EX. SHED	= 129 SQUARE FEET			
PROP. POOL & COPING	= 760 SQUARE FEET			
PROP. POOL EQUIPMENT	= 15 SQUARE FEET			
	TOTAL = 8,859 SQUARE FEET			



GENERAL NOTES

REGULATIONS.

RECHARGER 280HD BY CULTEC, INC. OF BROOKFIELD, CT. REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. MAXIMUM ALLOWED COVER OVER TOP OF UNIT SHALL BE 12'. THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.

ALL RECHARGER 280HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE ALL RECHARGER 280HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL

RECHARGE (DRYWELL) SYSTEM DESIGN NEW IMPERVIOUS SURFACES (NET): TOTAL = 1,995 SQUARE FEET (OVER ALLOWABLE LOT COVERAGE) 1.25" FOR EVERY 1 S.F. OF IMPERVIOUS = 208 C.F.

- 1 CULTEC RECHARGER 280HD STORMWATER CHAMBER = 42.55 C.F.

STONE VOLUME AROUND RECHARGER - ((8ft. x 4.41ft. x 3.21ft.) - 42.55 C.F.)) x 0.40 = 28.3 C.F.

TOTAL SYSTEM CAPACITY = 42.5 C.F. + 25.4 C.F. = 70.8 C.F. * 3 CHAMBERS = 212.5 C.F. 212.5 C.F. > 208 C.F. - SATISFACTORY

RECHARGE SYSTEM DETAIL

NO SCALE

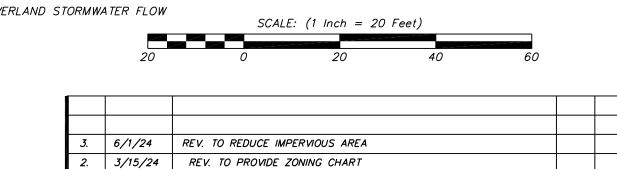
ZONING REQUIREMENTS (R-2 ZONE)

ZUNING REQUIREMENTS (R-2 ZUNE)			
MINIMUMS:	PERMITTED:	_EXISTING:	PROPOSED:
LOT AREA	1.0 ACRES	0.58 ACRES **	_
LOT WIDTH	150.0 FT.	125.4 FT. **	_
LOT FRONTAGE	. 150.0 FT.	108.9 FT. **	_
FRONT YARD SETBACK	. 75 FT.	58.2 FT. **	_
SIDE YARD SETBACK/COMBINED SIDE YARD SETBACK	. <i>25/50 FT</i> .	24.8**/51.5 FT.	_
REAR YARD SETBACK			_
GROSS FLOOR AREA	. 1,200 S.F.	> 1,200 S.F.	_
ACESSORY BUILDING:			
SIDE YARD SETBACK	. 15 FT.	12.0 FT. **	_
REAR YARD SETBACK	. 15 FT.	4.5 FT. **	_
MAXIMUM:			
LOT COVERAGE	6,864 S.F.	* 8,084 S.F. **	8,859 S.F. ***
	(27.3%)	(32.2%)	(35.2%)

LEGEND

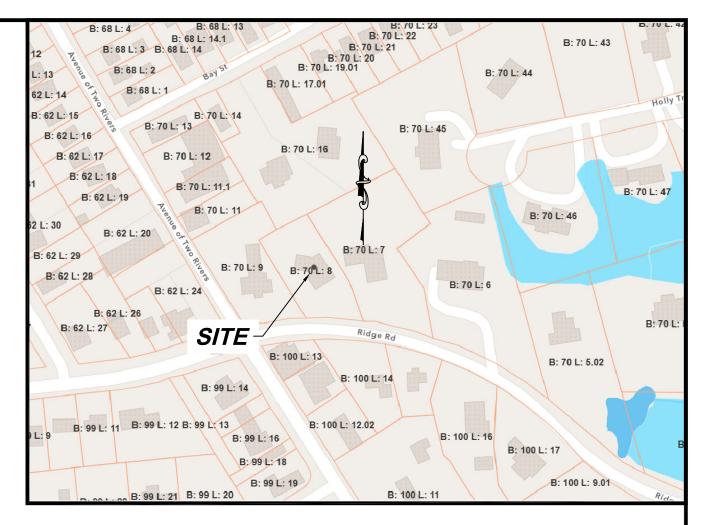
----125--- = EX. CONTOURx 125.05 = EX. SPOT ELEVATION = PROPOSED SPOT ELEVATION

→ = DIRECTION OF OVERLAND STORMWATER FLOW

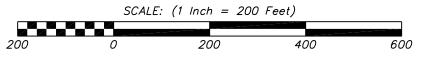


2/20/24 REV. IN ACCORDANCE WITH TWP 1/9/24 LETTER

No. | Date



LOCATION MAP



GENERAL NOTES:

- PROPERTY BEING KNOWN AS BLOCK 70 TAX LOT 8, WITHIN THE BOROUGH OF RUMSON, MONMOUTH COUNTY. THE PROPERTY CONTAINS APPROXIMATELY 25,117 SQUARE FEET.
- 2. OUTBOUND AND EXISTING SITE IMPROVEMENT INFORMATION IS BASED UPON A PLAN ENTITLED "SURVEY OF PROPERTY, 24 RIDGE ROAD, LOT 8 BLOCK 70, BOROUGH OF RUMSON, COUNTY OF MONMOUTH, NEW JERSEY", PREPARED BY CVB ASSOCIATES, DATED 6/12/12. TOPOGRAPHIC INFORMATION OBTAINED ON 1/5/23 AND IS BASED ON NAVD88 DATUM.
- 3. THE PROPERTY LIES OUTSIDE OF THE 0.2% (500-YEAR) FLOOD HAZARD AREA (LIES WITHIN ZONE X SHADED) AS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP, MAP NUMBER 34025C0201H, EFFECTIVE DATE 6/15/22.
- 4. NO VERIFIED FRESHWATER WETLANDS ARE WITHIN THE AREA OF PROPOSED SITE DEVELOPMENT, AS PER THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION NJ-GEOWEB SERVICE.
- 5. THE SITE IS CURRENTLY DEVELOPED WITH A SINGLE-FAMILY RESIDENTIAL DWELLING, PAVED DRIVEWAY, PATIO AND OTHER ANCILLARY STRUCTURES & UTILITIES.
- 6. PROPOSED IMPROVEMENTS CONSIST OF INSTALLING AN IN-GROUND SWIMMING POOL WITH WALKWAY AND
- 7. PROPOSED SWIMMING POOL SIZE, SHAPE AND LOCATION ARE BASED UPON INFORMATION PROVIDED BY THE
- THE OUTSIDE EDGE OF THE CONCRETE WALKWAYS ASSOCIATED WITH THE IN-GROUND SWIMMING POOL SHALL
- BE INSTALLED A MINIMUM OF 15 FEET FROM THE REAR AND SIDE PROPERTY LINES. 9. THE CONTRACTOR SHALL FINISH GRADE THE AREA AROUND THE IN-GROUND SWIMMING POOL AND DWELLING
- IN A MANNER WHICH PROVIDES POSITIVE OVERLAND STORMWATER RUNOFF/FLOW AWAY FROM THE POOL AND
- 10. ALL AREAS NOT DESIGNATED FOR WALKWAY, POOL EQUIPMENT AND/OR THE IN-GROUND SWIMMING POOL SHALL BE STABILIZED IN ACCORDANCE WITH THE MOST CURRENT REQUIREMENTS OF THE LOCAL SOIL
- 11. ALL EXISTING ON-SITE STRUCTURES ARE TO REMAIN AS PART OF THIS APPLICATION, UNLESS NOTED
- 12. THE PROPOSED IN-GROUND SWIMMING POOL AND ASSOCIATED UTILITIES/AMENITIES SHALL COMPLY WITH ARTICLE 11 OF THE CODE BOOK OF THE BOROUGH OF RUMSON AND THE INTERNATIONAL RESIDENTIAL CODE (IRC), NEW JERSEY EDITION, LATEST REVISED.
- 13. THE PROPOSED POOL SHALL BE ENCLOSED BY A NON-CLIMBABLE BARRIER AT LEAST 4 FEET IN HEIGHT, WHICH IS EQUIPPED WITH A SELF LOCKING MECHANISM ON ALL GATES, IN ACCORDANCE WITH BOROUGH AND IRC REGULATIONS, LATEST REVISED.
- 14. THE CONTRACTOR SHALL REROUTE ANY UNDERGROUND DRAINAGE/ROOF LEADER PIPES DISTURBED DURING
- IN-GROUND SWIMMING POOL INSTALLATION AROUND POOL AREA AND PROVIDE POSITIVE DISCHARGE LOCATION. 15. SILT FENCING SHALL BE PLACED AROUND THE AREA DISTURBANCE AND LEFT IN PLACE UNTIL THE PROPERTY
- IS PERMANENT STABILIZED.
- 16. NO SOILS INVESTIGATION HAS BEEN PERFORMED TO CLASSIFY SOIL CHARACTERISTICS OR DETERMINE THE SEASONAL HIGH GROUNDWATER ELEVATION.
- 17. THE CONTRACTOR OR LAYOUT PARTY SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS ON THE JOB SITE AND SHALL VERIFY THAT THE PLANS BEING UTILIZED ARE FINAL AND APPROVED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO ELEVATIONS AND/OR DIMENSIONS SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN PRÓVIDED.
- 18. THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO INSTALLATION OF PROPOSED IMPROVEMENTS. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES NOT SHOWN ON THE PLAN EXIST WITHIN THE AREAS OF PROPOSED IMPROVEMENTS. SHOULD THERE BE "OTHER" UTILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY TO ANALYZE ANY POTENTIAL UTILITY
- 19. THE CONTRACTOR SHOULD CALL 1-800-272-1000 SEVEN (7) DAYS PRIOR TO EXCAVATION FOR FIELD MARK OUT OF UNDERGROUND UTILITIES.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF UTILITIES EXIST WITHIN THE AREA OF PROPOSED IMPROVEMENTS. SHOULD THERE BE UTILITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY TO ANALYZE ANY POTENTIAL UTILITY CONFLICTS.
- 21. PRIOR TO STARTING SITE CLEARING/CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE ALL REQUIRED PERMITS/APPROVALS HAVE BEEN OBTAINED. ALL SITE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE PLANS AND THE REQUIREMENTS AND STANDARDS OF THE PERMITTING AUTHORITY.
- 22. THE IN-GROUND SWIMMING POOL WILL UTILIZE CARTRIDGE FILTERS. THERE WILL NOT BE ANY FILTER

DRAWN BY:

DESIGNED BY:

CHECKED BY:

By Chk.

SWIMMING POOL GRADING PLAN TAX LOT 8 BLOCK 70 24 RIDGE ROAD **BOROUGH OF RUMSON** MONMOUTH COUNTY, NEW JERSEY

MGC ASSOCIATES **Consulting Engineer**

609-556-4915 6/1/24 GARY CHIANG N.J. Professional Engineer No. 44469 JOB NUMBER DATE SCALE SHEET

Office Location:

237-1 Burrs Road

Burlington, NJ 08016

240109

** EXISTING NON COMFORMITY *** VARIANCE REQUIRED

BUILDING GROUND FLOOR AREA.

IN-GROUND SWIMMING POOL REQUIREMENTS (R-2)

SETBACK TO SIDE PROPERTY LINE (to edge of pool walkway)

SETBACK TO REAR PROPERTY LINE (to edge of pool walkway)

3,970 S.F. + (0.1915 * 15,117 S.F.) = 6,864 S.F.

FOR LOTS GREATER THAN 10,000 S.F. AND LESS THAN 70,000 S.F.

LOT COVERAGE = 3,970 S.F. + (0.1915 * LOT AREA OVER 10,000 S.F.)

SEE IMPERVIOUS COVERAGE CALCULATION, EXCLUDES: ALL WALKWAYS, UNROOF DECKS AND PORCHES WHICH ARE <20% OF THE PRINCIPAL BUILDING GROUND FLOOR AREA. FIRST 12" OF

EAVES, ROOFED OPEN SIDED PORCHES FACING THE FRONT YARD WHICH ARE <10% OF THE

PRINCIPAL BUILDING GROUND FLOOR AREA AND PATIOS WHICH ARE <30% OF THE PRINCIPAL