STORMWATER ANALYSIS

CAPTURE 25 YR STORM EVENT (6.25") REQUIRED: OVER INCREASE IN IMPERVIOUS AREA

EXISTING CONDITIONS

PROPERTY AREA: 1.85 ac STUDY AREA: 5,000 sf

PERVIOUS AREAS (HSG = C)

LAWN (RCN 73)

PROPOSED CONDITIONS

IMPERVIOUS AREAS (RCN 98)

PATIO (RCN 98) POOL (NOT INCLUDED IN RUNOFF) LAWN (RCN 73)

PATIO $0.009 \times 98 = 0.88$ $0.085 \times 73 = 6.21$ LAWN 7.09 = 75.4

LEGEND

EXISTING "SPOT" GRADE OVERHEAD UTILITY WIRES OHW

IRON BAR

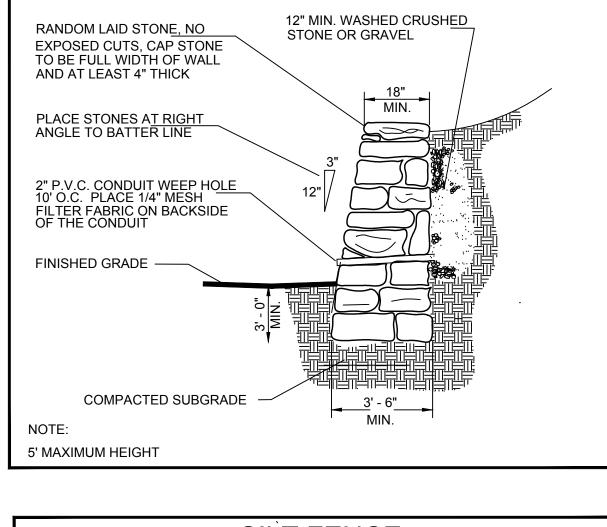
IRON BAR & CAP IBC

DRAINAGE & UTILITY EASEMENT

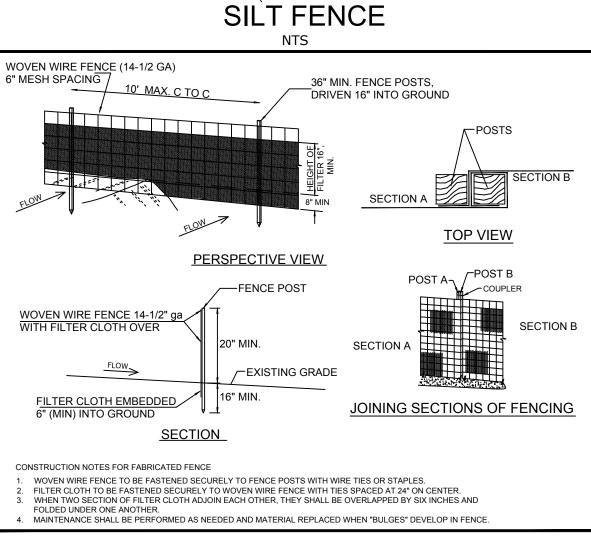
EX. MANHOLE

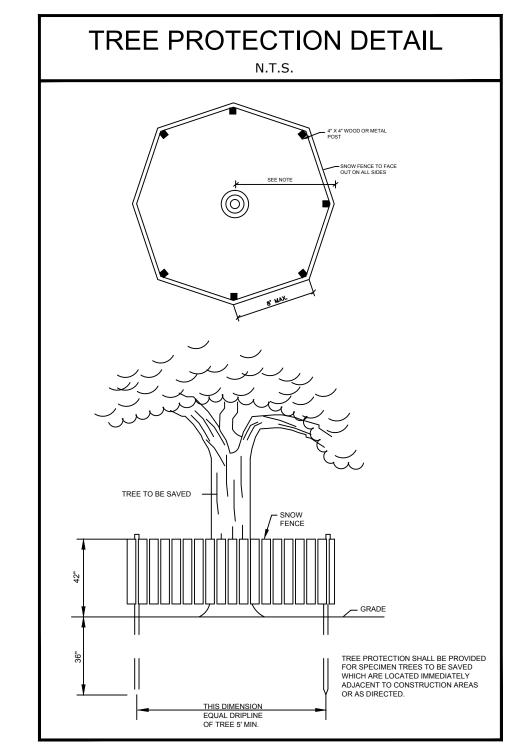
EX. CATCH BASIN \bowtie

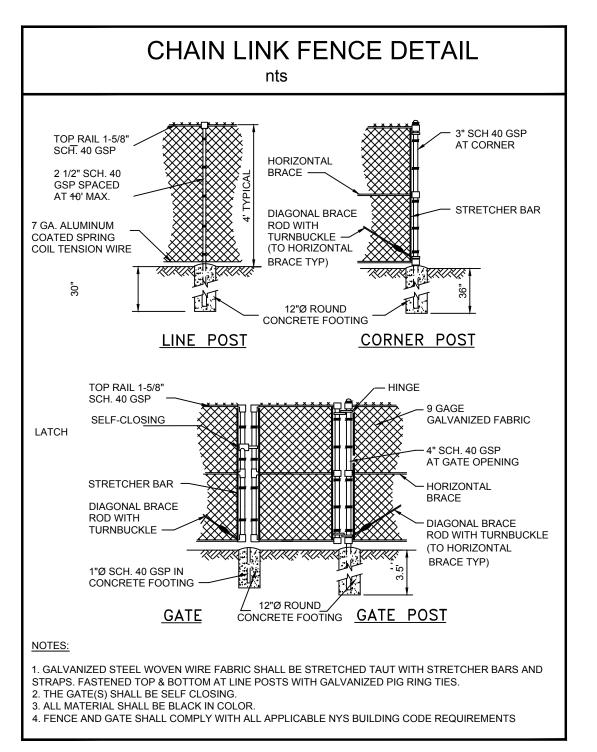
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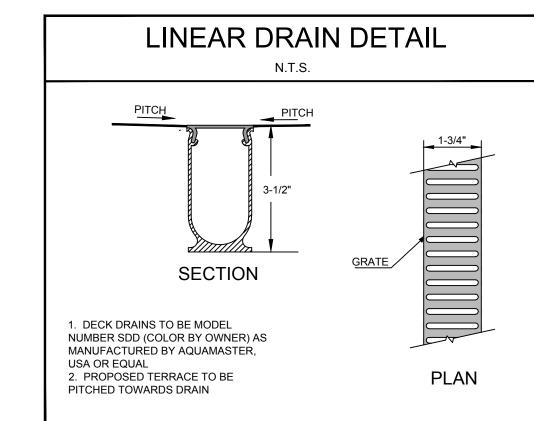


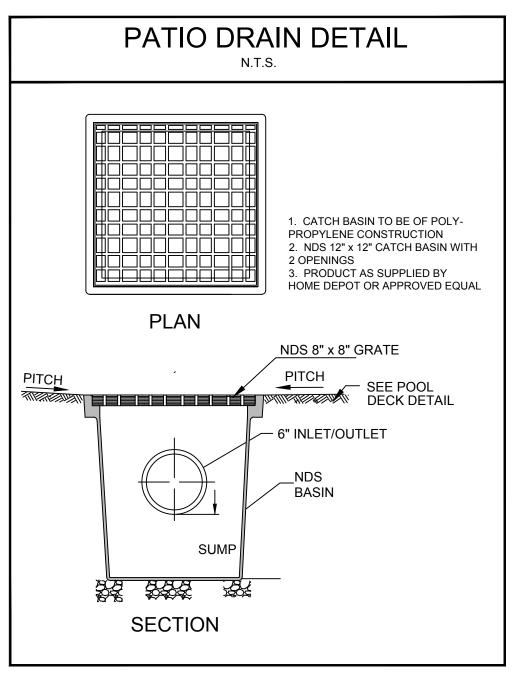
RUBBLE STONE WALL

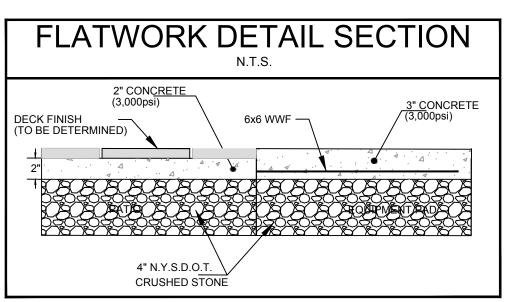












A

SWIMMING

SEI

OR

RAPP,

GRAPHIC SCALE (IN FEET) 1 inch = 10 ft.

SOIL TYPE:

5,000 sf = 0.10 ac

390 sf = 0.009 ac900 sf = 0.021 ac

3,710 sf = 0.085 ac

11.32 cf/ft. THEREFORE:

IN IMPERVIOUS AREA IS:

POOL VOLUME: 900sf x 0.5ft = 450 cf

PROPOSED MITIGATION: INFILTRATION

WINTERIZATION DRAWDOWN

RUNOFF DEPTH

RUNOFF VOLUME

PERCOLATION)

450 cf /11.32 cf/lf = 39.8 lf = 6 Units

EXISTING CONDITIONS: CN = 73; RUNOFF DEPTH = 2.9" *

* FROM TABLE 2.1 OF THE SCS HANDBOOK

 $(3.1" - 2.9") / 12 \times 5,000 \text{ sf} = 83.3 \text{ cf}$

PROPOSED CONDITIONS: CN =75.4; RUNOFF DEPTH =3.1"*

THE INCREASE IN RUNOFF VOLUME DUE TO THE INCREASE

POOL DRAWDOWN CONTROLS (NO ALLOWANCE CAN BE TAKEN FOR

ONE CULTEC UNIT (MODEL 330XLHD) HAS THE CAPACITY OF

PRIOR TO CONSTRUCTION DEEP TEST PIT(S) AND PERCOLATION TESTING WILL BE CONDUCTED IN THE AREA OF THE PROPOSED MITIGATION. UPON COMPLETION OF THE TESTING THE CALCULATIONS WILL BE REVISED AND THE NUMBER OF CULTEC UNITS ADJUSTED ACCORDINGLY.



Section I- PROJECT

TOWN OF NORTH CASTLE

WESTCHESTER COUNTY 17 Bedford Road Armonk, New York 10504-1898

RESIDENTIAL PROJECT **REVIEW COMMITTEE** Adam R. Kaufman AICP, Chair Telephone: (914) 273-3000 x 43

Fax: (914) 273-3554 www.nortcastleny.com

RESIDENTIAL PROJECT REVIEW COMMITTEE (RPRC) APPLICATION

ADDRESS: Rappaport, Marc 2 Musket Court, Bedford, WHOSE
Section III. DESCRIPTION OF WORK
Construction al surinuing pool and patio
Section III- CONTACT INFORMATION:
APPLICANT: Christopher Coutry Pools of Perfection ADDRESS: 523 Main Storeet, Armone Not 10504 PHONE: 9/4273791640BILE: 5/64584031 EMAIL: CCarthy@Pools Offerfection com
ADDRESS: 523 Main Stolest, Armone, Not 10504
PHONE: 9/4273 79/40BILE: 5/64584031 EMAIL: CCarthy@Pools Offerfection Com
PROPERTY OWNER: Marc Rappapart ADDRESS: 2 Musket Court Bed Gord, NY 10306
ADDRESS: 2 Musket Court Bedford, NY 10506
PHONE: MOBILE: 9176483291 EMAIL: Repaport Marc (a) Com
PROFESSIONAL; Dan Holt
ADDRESS: 592 Route 22 Pawling, NY 12569 PHONE: 914760 1800 MOBILE: 944 760-1800
PHONE: 914 760 1800 MOBILE: 944 760- 1800
EMAIL: Dan @ Holf Engineering Det
Section IV- PROPERTY INFORMATION:
Zone: R2A Tax ID (lot designation) 95,02 - 1 - 81



TOWN OF NORTH CASTLE

WESTCHESTER COUNTY
17 Bedford Road
Armonk, New York 10504-1898

RESIDENTIAL PROJECT REVIEW COMMITTEE Adam R. Kaufman AICP, Chair



Telephone: (914) 273-3000 x43 Fax: (914) 273-3554 www.northcastleny.com

RESIDENTIAL PROJECT REVIEW COMMITTEE (RPRC) PROCEDURES

The RPRC was created to streamline the residental review process and quickly reviews all residential projects. Projects determined to have no impact are permitted to apply to the Building Department while more complicated projects are directed to the appropriate review board(s).

THE RPRC reviews all applications for residential permits (including, but not limited to, buildings permits, steep slope permits, wetlands permits and pool permits), but excluding permits only relating to interior alterations/renovations.

To get on an RPRC agenda you must submit a single PDF file containing the following to the Planning Department:

- 1. Complete all items on the RPRC checklist
- 2. RPRC Application fee. Check made payable to: Town of North Castle.
- 3. Floor Area and Gross Land Coverage work sheets (with backup information)
- 4. Plans for your project according the RPRC Checklist
- 5. Submit one single PDF file containg all information listed above to the Planning Department: planning@northcastleny.com.

Once your application has been submitted, you may follow your application on the RPRC webpage located at http://www.northcastleny.com/residential-project-review-committee-rprc

Determination Letters are posted on the website (click on determination letters, find the date of your meeting and click on the name of your project - Letters are posted the day after the meeting, typically by 1:00 p.m.)



Town of North Castle Residential Project Review Committee

17 Bedford Road Armonk, New York 10504 (914) 273-3542 (914) 273-3554 (fax)

RPRC COMPLETENESS REVIEW FORM

This form represents the standard requirements for a completeness review for all Residential Project Review Committee submissions. Failure to provide all of the information requested will result in a determination that the application is incomplete.

Project Name on Plan: Rappaport
☑Initial Submittal ☐Revised Preliminary
Street Location: 2 Musket Court Bedford, 104 10506
Street Location: 2 Musted Court Bedford, MY 10506 Zoning District: R2A Property Acreage: 1.832 Tax Map Parcel ID: 95.02-1-8
Date: 11/09/7020
DEPARTMENTAL USE ONLY
Date Filed: Staff Name:
Preliminary Plan Completeness Review Checklist Items marked with a are complete, items left blank are incomplete and must be completed, "NA" means not applicable.
1. Plan prepared by a registered architect or professional engineer
2. Aerial photo (Google Earth) showing the applicant's entire property and adjacent properties and streets
B. Map showing the applicant's entire property and adjacent properties and streets
A locator map at a convenient scale
The proposed location, use and design of all buildings and structures
Existing topography and proposed grade elevations
7. Location of drives
Location of all existing and proposed site improvements, including drains, culverts, retaining walls and fences

RPRC COMPLETENESS REVIEW FORM

Page 2

10. The name and address of the applicant, property owner(s) if other than the applicant and
of the planner, engineer, architect, surveyor and/or other professionals engaged to work
Submission of a Zoning Conformance Table depicting the plan's compliance with the minimum requirements of the Zoning District
2. If a tree removal permit is being sought, submission of a plan depicting the location and graphical removal status of all Town-regulated trees within the proposed area of disturbance. In addition, the tree plan shall be accompanied by a tree inventory includes a unique ID number, the species, size, health condition and removal status of each tree.
3. If a wetlands permit is being sought, identification of the wetland and the 100-foot wetland buffer.
More information about the items required herein can be obtained from the North Castle Planning Department. A copy of the Town Code can be obtained from Town Clerk or on the North Castle homepage: http://www.northcastleny.com/townhall.html
On this date, all items necessary for a technical review of the proposed site plan have been submitted and constitute a COMPLETE APPLICATION.
Date Filed: Smit Neme
Proliminary Pta Completeness Review Checklist tems marked with a lighter complete items left blank lighter and must be completed. "UA" means not applicable.

17 Bedford Road WESTCHESTER COUNTY TOWN OF NORTH CASTLE

Armonk, New York 10504-1898



Director of Planning Adam R. Kaufman, AICP PLANNING DEPARTMENT

www.northeastleny.com Fax: (914) 273-3554 Telephone: (914) 273-3542

13 is greater than Line 4 your proposal	oject may proceed to the Residential Project Review (opinging to review. If Line	qoes n
bum gross land coverage regulations and	e 13 is less than or equal to Line 4, your proceal combined with the Town's maxim	If Line
78 08 E 9	Proposed gross land coverage: Total of Lines 5 - 12 =	13.
78854	Amount of lot area covered by all other structures:	12.
43286	Amount of lot area covered by tennis court, pool and mechanical equip:	11
HS Q	A committee of the second of t	.01
3505EZ	Amount of lot area covered by driveway, parking areas and walkways:	.6
0	Amount of lot area covered by porches:	.8
-18 SZ8	Amount of lot area covered by decks:	٦.
0	Amount of lot area covered by accessory buildings:	.9
35 Sp81	Amount of lot area covered by principal building: SAS cxisting + Opposed =	۶.
1285821	TOTAL Maximum Permitted gross land coverage = Sum of lines 2 and 3	.4.
18891	Distance principal home is beyond minimum front yard setback	
	BONUS maximum gross land cover (per Section 355-26.C(1)(b)):	3.
069'21	Maximum permitted gross land coverage (per Section 355-26.C(1)(a)):	7
772587	Total lot Area (Net Lot Area for Lots Created Affer 12/13/06):	.1
	Lot Coverage	Gross
	Asp Designation or Proposed Lot No.: 95.02-1-81	√ xsT
Date: 11/5/20	cation Name or Identifying Title:	
	GROSS LAND COVERAGE CALCULATIONS	,

Signature and Seal of Professional Preparing

LOT AREA, NET – Lot area m inus seventy five (75) percent of the area of any wetlands, waterbodies and, watercourses, but excluding any adjacent areas, all as defined in C hapter 209 Wetlands and Drai nage, of the Tow n Code, and the area of any steep slopes, as defined Chapter 213, except that in the case of one-family lots, the deduction for steep slopes shall be only fifty (50) percent.

Lot Size	Maximum Permitted Gross Land Coverage for One-Family Dwelling Lots ¹ (square feet)
Less than 5,000 square feet	50% of the lot area
5,000 to 9,999 square feet	2,500 plus 30% of the lot area in excess of 5,000 square feet
10,000 to 14,999 square feet	4,000 plus 24% of the lot area in excess of 10,000 square feet
15,000 square feet to 0.499 acres	5,200 plus 18% of the lot area in excess of 15,000 square feet
0.5 to 0.749 acres	6,420 plus 15% of the lot area in excess of 0.5 acres
0.75 to 0.999 acres	8,050 plus 12% of the lot area in excess of 0.75 acres
1.0 to 1.999 acres	9,350 plus 9% of the lot area in excess of 1.0 acres
2.0 acres or more	13,270 plus 7.5% of the lot area in excess of 2.0 acres

^{*}Permitted g ross land co verage limitations for two-family dwelling lots in the R-2F District shall be twenty five (25) percent greater than that permitted for one-family dwelling lots.

NOTWITHSTANDING ABOVE LIMITATIONS, AN ADDITIONAL 1 0 SQUA RE FEET O F G ROSS LA ND COVERAGE SHALL BE PERMITTED FOR EACH ONE FOOT OF FRONT YARD SETBACK OF THE PRINCIPAL DWELLING IN EXCESS OF THE MINIMUM FRONT YARD SETBACK REQUIRED.

F:\PLAN6.0\Application Forms\GROSS LAND COVERAGE CALCULATIONS WORKSHEET 8-13-19.doc



TOWN OF NORTH CASTLE

WESTCHESTER COUNTY 17 Bedford Road Armonk, New York 10504-1898

PLANNING DEPARTMENT Address of the Season of the Adam R. Kaufman, AICP
Director of Planning

January 29, 2019 Telephone: (914) 273-3542 Fax: (914) 273-3554 www.northcastleny.com

FLOOR AREA CALCULATIONS WORKSHEET

Application Name or Identifying Title:	Date:
Tax Map Designation or Proposed Lot No.:	Less than
Floor Area	
Total Lot Area (Net Lot Area for Lots Created After 12/13/06):	and of north
2. Maximum permitted floor area (per Section 355-26.B(4)):	16,990 to 14
3. Amount of floor area contained within first floor: existing + proposed =	-9108 6A5-1
4. Amount of floor area contained within second floor: existing + proposed =	Ch7.0 of 2.0
5. Amount of floor area contained within garage: existing +proposed =	66 0.05 52 0
6. Amount of floor area contained within porches capable of being enclose existing + proposed =	ed:
7. Amount of floor area contained within basement (if applicable – see def	finition):
8. Amount of floor area contained within attic (if applicable – see definition existing + proposed =	on):
9. Amount of floor area contained within all accessory buildings: existing + proposed =	tu avoga pa las siama n
10. Pro posed floor area: Total of Lines $3-9=$	VERNOE SHALL TE PERMITTE A LOUVE PER CE OF DIE VIE
If Line 10 is less than or equal to Line 2, your proposal complies with the Town and the project may proceed to the Residential Project Review Committee for review your proposal does not comply with the Town's regulations.	n's maximum floor area regulations
Signature and Seal of Professional Preparing Worksheet	Date



TOWN OF NORTH CASTLE

WESTCHESTER COUNTY 17 Bedford Road Armonk, New York 10504-1898

PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning Telephone: (914) 273-3542 Fax: (914) 273-3554 www.northcastleny.com

GROSS FLOOR AREA WORKSHEET

The following format is to be used for all applications for the purpose of demonstrating the gross floor area of a building or group of buildings as necessary to show compliance with a building or group of buildings as necessary to show compliance with floor area limitations of the Town Code or as otherwise necessary to illustrate the intended or potential use of a structure.

- 1. Scaled worksheets are to be pre pared base d upon floor plans which represent existing or proposed conditions as applicable to the particular circumstances of the approval being sought. All floor plans and worksheets are required to be prepared by a licensed or registered professional in the State of New York.
- 2. The floor area of each floor is to be divided int o s imple polygons (squares, rectangles, etc.) each being drawn on theplan. The area of each polygon is to be shown by providing the dimensions and resulting area measurement. Each polygon is to be assigned an identifying label for reference purposes.
- 3. A summary table for each floor is to be completed. The area of each polygon is to be listed by reference label then added, resulting in the floor area for the entire floor.
- 4. A similar summary table is to be provided listing the total floor a re of each floor within the resulting floor area of each building.
- 5. Any exception of floor area from the gross floor area must be identified on the floor plans and summary tables. The rationale for any exception must accompany the floor area worksheets.
- 6. A schematic illustration of the format is shown below.



LOT AREA, NET – Lot area minus seventy five (75) percent of the area of any wetlands, waterbodies and, watercourses, but excluding any adjacent areas, all as defined in Chapter 209 Wetlands and Drainage, of the Town Code, and the area of any steep slopes, as defined Chapter 213, except that in the case of one-family lots, the deduction for steep slopes shall be only fifty (50) percent.

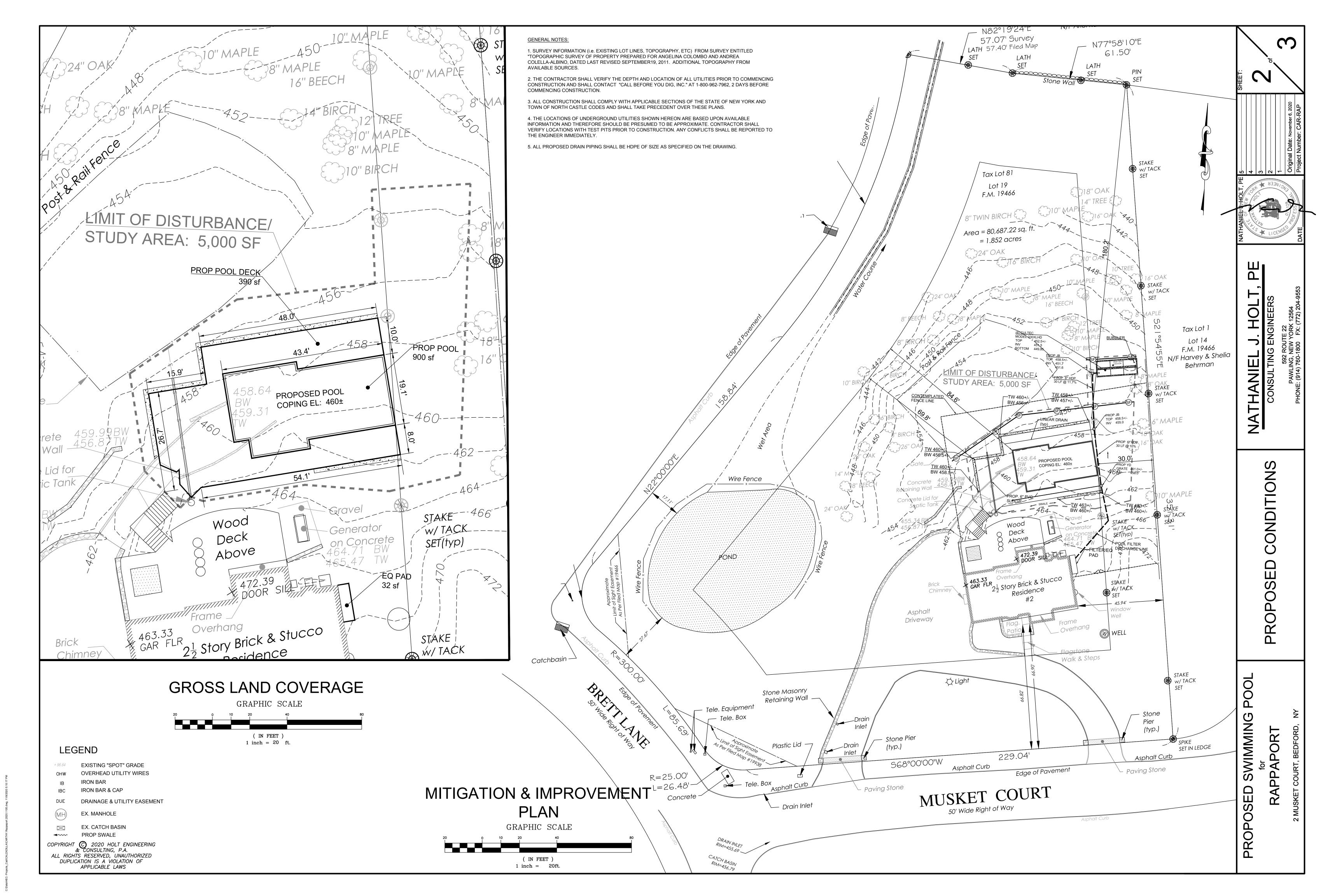
FLOOR AREA, GROSS -- The sum of the horiz ontal areas of the several stories of the building or buildings, excluding any floor area used for one ff-street parking or loading purposes (except for one- and two-family residences), measured from the exterior walls or, in the case of a common wall separating two buildings, from the center line of such a common wall, and including any two-story or any enclosed porch, or one having a roof and capable of being enclosed. See the definition of "basement" for exclusion of basement/mechanical areas in nonresidential buildings from "floor area, gross." For one- and two-family residences, any attic space with a floor to ceiling height of 7.5 feet or greater shall be included as part of gross floor area, as shall those portions of any basement with a floor to ceiling height of 7.5 feet or greater if the basement is considered a "story" in accordance with one of the following three alternative measurements:

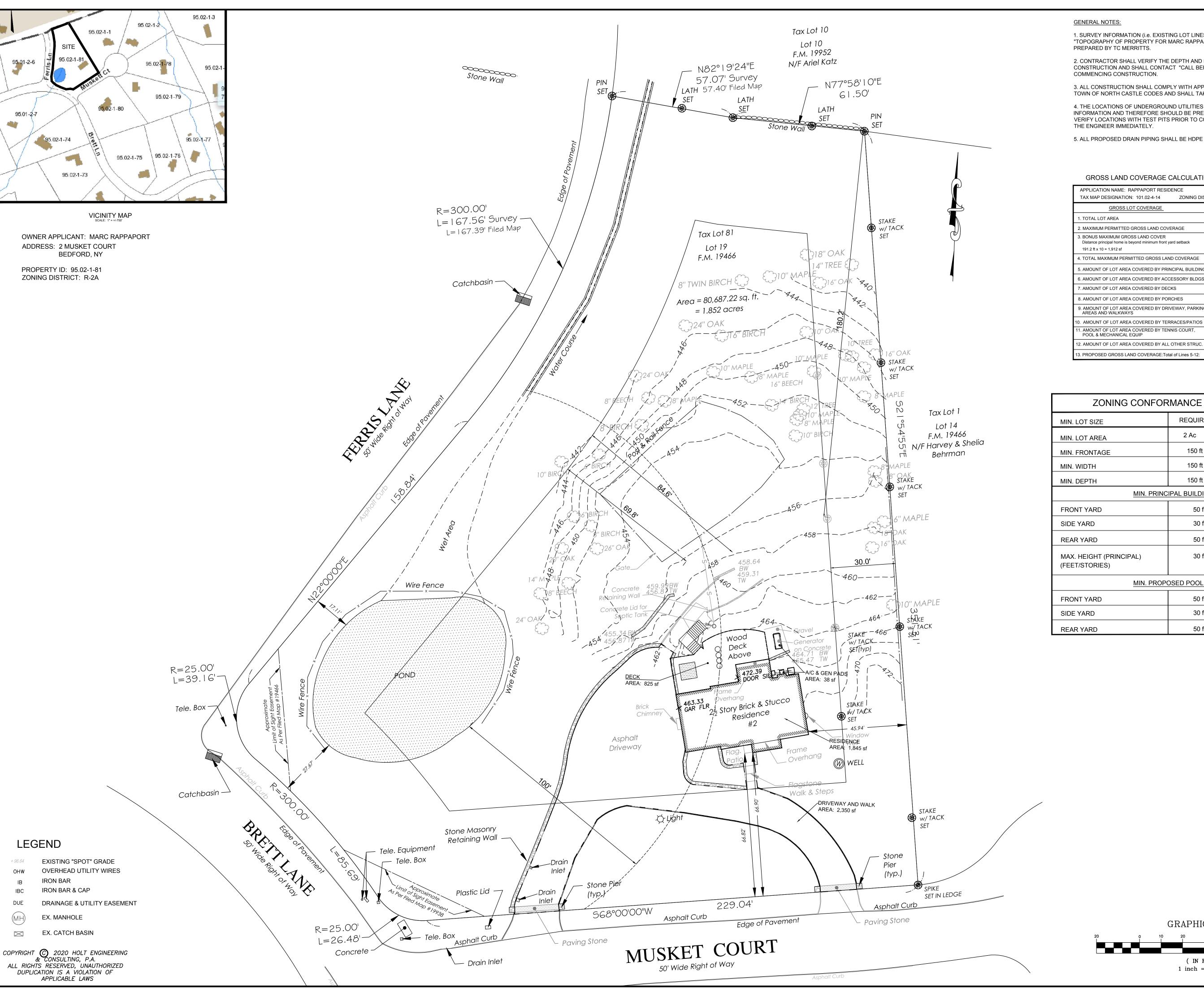
- A. Where the finished surface of the floor ab ove the basement is more than six feet above average grade.
- B. Where the finished surface of the floor ab ove the basement is more than six feet above the finished ground level for more than 50% of the total building perimeter.
- C. Where the finished surface of the floor above the basement is more than 12 feet above the finished ground level at any point along the building perimeter.

Maximum Permitted Gross Floor
Area for One-Family Dwellings and
Accessory Buildings ¹
(square feet)
1,875 or 50% of the lot area,
whichever is greater
2,500 plus 25% of the lot area in
excess of 5,000 square feet
3,750 plus 20% of the lot area in
excess of 10,000 square feet
4,750 plus 15% of the lot area in
excess of 15,000 square feet
5,768 plus 10% of the lot area in
excess of 0.5 acres
6,856 plus 8% of the lot area in
excess of 0.75 acres
7,727 plus 6% of the lot area in
excess of 1.0 acres
9,034 plus 5% of the lot area in
excess of 1.5 acres
10,122 plus 4% of the lot area in
excess of 2.0 acres
13,607 plus 3% of the lot area in
excess of 4.0 acres

^{*}Permitted gross floor area for tw o-family dwellings in the R-2F District shall be one-third (1/3) greater than that permitted for one-family dwellings.

F:\PLAN6.0\Application Forms\FLOOR AREA CALCULATIONS WORKSHEET 8-13-19.doc





1. SURVEY INFORMATION (i.e. EXISTING LOT LINES, TOPOGRAPHY, ETC) FROM SURVEY ENTITLED "TOPOGRAPHY OF PROPERTY FOR MARC RAPPAPORT, DATED LAST REVISED OCTOBER 14, 2020,

2. CONTRACTOR SHALL VERIFY THE DEPTH AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING CONSTRUCTION AND SHALL CONTACT "CALL BEFORE YOU DIG, INC." AT 1-800-962-7962, 2 DAYS BEFORE

3. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE SECTIONS OF THE STATE OF NEW YORK AND TOWN OF NORTH CASTLE CODES AND SHALL TAKE PRECEDENT OVER THESE PLANS.

4. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON ARE BASED UPON AVAILABLE INFORMATION AND THEREFORE SHOULD BE PRESUMED TO BE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS WITH TEST PITS PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO

5. ALL PROPOSED DRAIN PIPING SHALL BE HDPE OF SIZE AS SPECIFIED ON THE DRAWING.

GROSS LAND COVERAGE CALCULATIONS WORKSHEET*

APPLICATION NAME: RAPPAPORT RESIDENCE TAX MAP DESIGNATION: 101.02-4-14 ZONING DISTRICT: R-1.5 A		
GROSS LOT COVERAGE	EXISTING	PROPOSED
1. TOTAL LOT AREA	1.85 ACRES	1.85 ACRES
2. MAXIMUM PERMITTED GROSS LAND COVERAGE	11,550.5 sf	NA
BONUS MAXIMUM GROSS LAND COVER Distance principal home is beyond minimum front yard setback 191.2 ft x 10 = 1,912 sf	1,912 sf	NA
4. TOTAL MAXIMUM PERMITTED GROSS LAND COVERAGE	13,462.5 sf	NA
5. AMOUNT OF LOT AREA COVERED BY PRINCIPAL BUILDING	1,845 sf	1,845 sf
6. AMOUNT OF LOT AREA COVERED BY ACCESSORY BLDGS	0 sf	0 sf
7. AMOUNT OF LOT AREA COVERED BY DECKS	825 sf	825 sf
8. AMOUNT OF LOT AREA COVERED BY PORCHES	0 sf	0 sf
9. AMOUNT OF LOT AREA COVERED BY DRIVEWAY, PARKING AREAS AND WALKWAYS	2,350 sf	2,350 sf
10. AMOUNT OF LOT AREA COVERED BY TERRACES/PATIOS	0 sf	0 sf
11. AMOUNT OF LOT AREA COVERED BY TENNIS COURT, POOL & MECHANICAL EQUIP	0 sf	932 sf
12. AMOUNT OF LOT AREA COVERED BY ALL OTHER STRUC.	38 sf	428 sf
13. PROPOSED GROSS LAND COVERAGE:Total of Lines 5-12:	5,058 sf	6,380 sf

ZONING CONFORMANCE TABLE - R 2A ZONE			
MIN. LOT SIZE	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	2 Ac	1.85 Ac	1.85 Ac
MIN. FRONTAGE	150 ft	150 ft	150 ft
MIN. WIDTH	150 ft	150 ft	150 ft
MIN. DEPTH	150 ft	456.4 ft	456.4 ft
MIN. PR	INCIPAL BUILDING SET	BACKS_	
FRONT YARD	50 ft	66.8 ft	66.8 ft
SIDE YARD	30 ft	45.9 ft (min)	45.9 ft (min)
REAR YARD	50 ft	232.8 ft	232.8 ft
MAX. HEIGHT (PRINCIPAL) (FEET/STORIES)	30 ft/3	<30 ft	<30 ft
MIN. PROPOSED POOL SETBACKS			
FRONT YARD	50 ft		128.3 ft
SIDE YARD	30 ft		30 ft (min)
REAR YARD	50 ft		180.2 ft

GRAPHIC SCALE (IN FEET) 1 inch = 20 ft.

CONDITIONS

EXISTING

SWIMMING

PROPOSED

RAPPAPOR