

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: Gambelli Resibence
☐Initial Submittal ☐Revised Preliminary
Street Location: 13 ROBERTA PLACE, HORTH WHITE PLAINS MY 10603
Zoning District: <u>R-5</u> Property Acreage: Tax Map Parcel ID: <u>/22./6-3-4</u>
Date: /// /6 / 2020
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
3. Map showing the applicant's entire property and adjacent properties and streets
1. A locator map at a convenient scale
The proposed location, use and design of all buildings and structures
3. Existing topography and proposed grade elevations
7. Location of drives
3. Location of all existing and proposed site improvements, including drains, culverts, retaining walls and fences

RPRC COMPLETENESS REVIEW FORM

Page 2

Ь	Description of method of water cumply and source disposal and leasting of a life
Ш.	Description of method of water supply and sewage disposal and location of such facilities
<u> </u>	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
1.	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.
Planni	information about the items required herein can be obtained from the North Castle ing Department. A copy of the Town Code can be obtained from Town Clerk or on the 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.

TORTH CONTROL OF THE PARTY OF T

Town of North Castle Building Department

17 Bedford Road

Armonk, New York 10504-1898

Telephone: (914) 273-3000 ext. 44 Fax: (914) 273-3554

www.northcastleny.com

Residential Building Permit Application

NOTE: TWO (2) SETS OF ALL REQUIRED DOCUMENTS MUST BE SUBMITTED WITH THIS APPLICATION

Section I- PROJECT ADDRESS: 13 ROBERTA PLACE DATE: 11/10/2020
Section II- CONTACT INFORMATION: (Please print clearly. All information must be current.)
APPLICANT: John G Scarlato JR Anchitect
ADDRESS: 33 Byram Hill No, ARMONIC, Ny 10504
PHONE: (914) 273-7350 MOBILE: (914) 714-0152 EMAIL: JG SCAPLATO & GMAIL. COM
PROPERTY OWNER: Hanette Gambelli
ADDRESS: 13 Roberta Place, Horoth WHITE Plains, Hy 10603
PHONE: MOBILE: (9/4) 3/0-8/15 EMAIL: NG amballi eprodigy. Net
Section III- DESCRIPTION OF WORK: (Any work conducted outside of the house requires approval from the RPRC unless the proposed action is minor in nature and complies with 355-26 C (3) of the Town of North Castle code.) Replace part of existing multi Level Peck at New Height.
Section IV- USE AND OCCUPANCY:
EXISTING/ CURRENT USE: Famly
PROPOSED RESIDENTIAL:
One Family Dwelling Two Family Dwelling Townhouse Detached Accessory Structure
Section V- PERMIT FEES: (\$100 app fee plus \$14 per \$1000, cost of construction and a \$75 CO fee.) ESTIMATED COST OF CONSTRUCTION (Based on fair market value labor & material) \$
AFFIDAVIT OF CONSTRUCTION COST: This affidavit must be completed by the Design Professional if the estimated cost
is \$20,000 or more.

Town of North Castle Building Department

Section V- (Continu	ed)	ut			
(circle one) licensed b cation and am fully fa construction including	ed) A color of New York; (miliar with the proposed of gall labor, all materials, al , and (iv) pursuant to Porce.	ii) I have reviewed the p construction; (iii) based Il professional fees and a	plans, drawings on my experience all associated cos	and specification ce, I estimate the sts to be approxi	s for this appli- total cost of mately
Signature:		Date:			
e Servery				Sign and Aff	ix Seal Here
Section VI- CONT	ACT INFORMATION:	(Please print clearly. All in	formation must be	e current)	
ARCHITECT/ ENG	: John G. Byram Hill R	Scarlate JR	Arch 1	ex	
ADDRESS: 33	Byram HIII M	o, Aremonk,	MY 105	704	
PHONE: (914) 27	3-7350 MO	DBILE: (9/4) 7/4	-0152		
EMAIL: JG SCA	rlato e Gmail	.com		,	
CONTRACTOR:					
ADDRESS:					
PHONE:	MOBILE:	EMAIL:			
PLUMBER:	•				
ADDRESS:					AAA.
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ADDRESS:					
PHONE:	MOBILE:	EMAIL:			······································
Section VII- APPI	ICANT CERTIFICATIO	N			

I hereby certify that I have read the instructions & examined this application and know the same to be true & correct. All provisions of laws & ordinances covering this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or land use or the performance of construction.

Town of North Castle Building Department

Section VIII- AFFIDAVIT OF OWNER AUTHORIZATION IF APPLICABLE: (To be notarized)
STATE OF NEW YORK }
The applicant 10m 6 Scarlais M has proper consent from said owner to make this application as
submitted and said owner agrees to all terms and conditions placed upon same.
Owner's Name (PRINT) Nanette Gambelli Owner's Signature Manuts Dembelle
Sworn to before me this 14TH day of NOVEMBER, 20 20
Notary Signature Allers
Notary Signature Signature Signature
Notary Stamp Recree 1
OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE
Zone: Section: Block: Lot:
Zone: Section Block Lot
Building Department Checklist:
Does this permit require RPRC approval? Yes No
GC License Work. Comp. Liability. Ins. Disability Two sets of documents
Permit Fee Payment: Check #: Cash Credit Card
Name on check:
Received By: Application No.:
BUILDING INSPECTOR APPROVAL
Has all the conditions of the RPRC been met? Yes NA
Is a Flood Development permit required? Yes No
tunned L
Reviewed By: Date:
Building Inspector Approval:
Conditions:



TOWN OF NORTH CASTLE

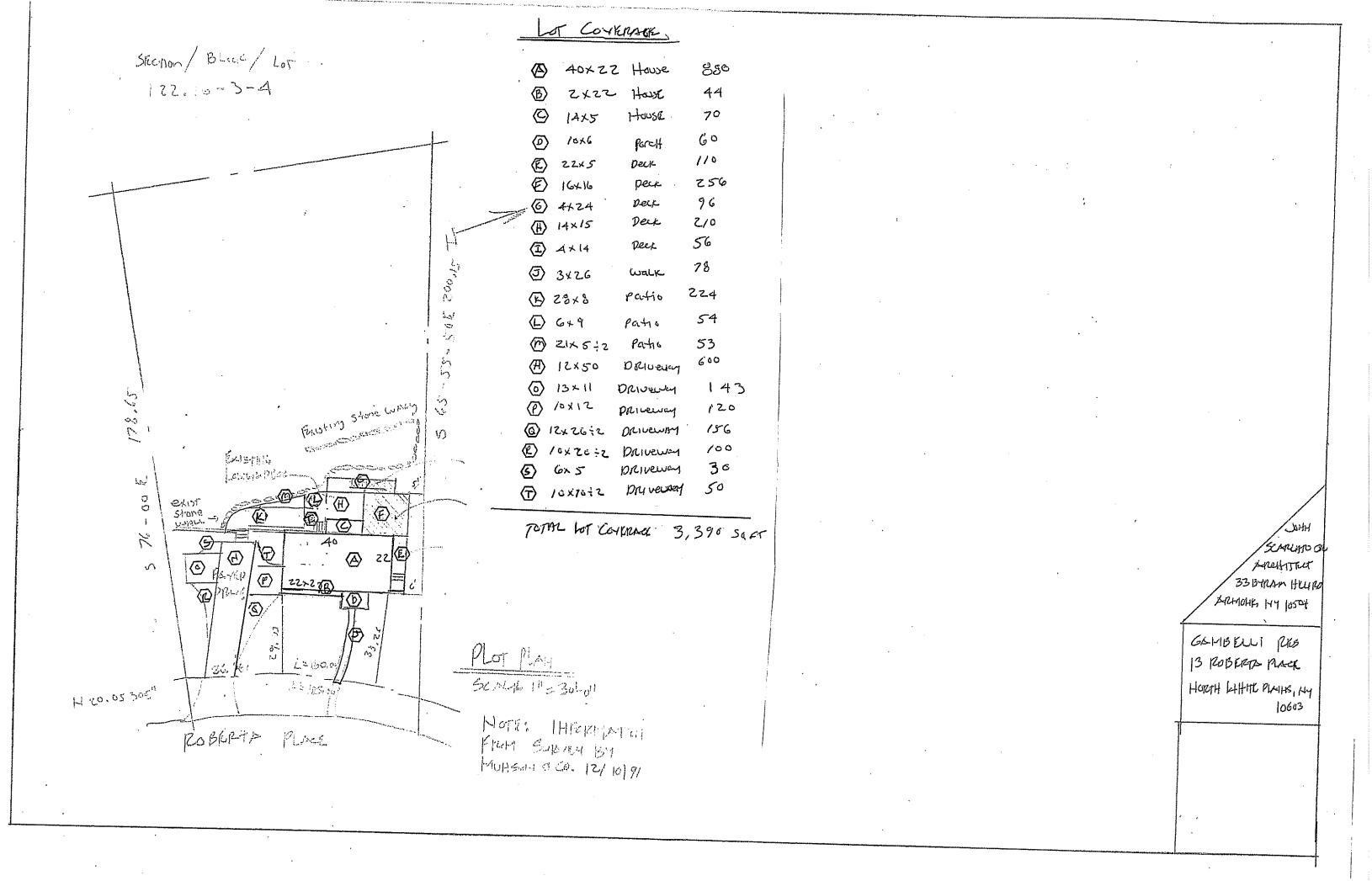
WESTCHESTER COUNTY 17 Bedford Road Armonk, New York 10504-1898

PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning

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

GROSS LAND COVERAGE CALCULATIONS WORKSHEET

Applica	tion Name or Identifying Title:	Gambell:	Residence	Date: \\\ 10 ZOZO
Тах Ма	p Designation or Proposed Lot No.:	122.16 - 3	o-4	
Gross L	ot Coverage			
1.	Total lot Area (Net Lot Area for Lo	ots Created After 12/1	3/06):	19,166
2.	Maximum permitted gross land co	verage (per Section 3	55-26.C(1)(b)):	7,713
3.	BONUS maximum gross land cover	er (per Section 355-26	.C(1)(b)):	
0	Distance principal home is beyond x 10 =	minimum front yard s	setback	<u>o</u>
4.	TOTAL Maximum Permitted gre	oss land coverage =	Sum of lines 2 and 3	7,713
5.	Amount of lot area covered by pring 1994 existing + O			994
6.	Amount of lot area covered by acce	essory buildings: _ proposed =		0
7.	Amount of lot area covered by decl	s: _proposed = (357	2 penoucuteo)	728
8.	Amount of lot area covered by porce 224 existing + 0			224
9.	Amount of lot area covered by driv // 9 existing +	eway, parking areas _ proposed =	and walkways:	1199
10.	Amount of lot area covered by terra	aces: _ proposed =		331
11.	Amount of lot area covered by tenn existing + 0	is court, pool and m _proposed =	echanical equip:	<u> </u>
12.	Amount of lot area covered by all o	ther structures: _proposed =		0
13, Prop	osed gross land coverage: To	tal of Lines 5 – 12 =		3,476
the proje	3 is less than or equal to Line 4, you ct may proceed to the Residential Pr comply with the Town's regulations	oject Review Commi	with the Town's maximur ttee for review. If Line 13	n gross land coverage regulations at 3 is greater than Line 4 your propos
Signatur	e and Seal of Professional Preparing	Woukehoot		<u>10/202</u> 0





TOWN OF NORTH CASTLE

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

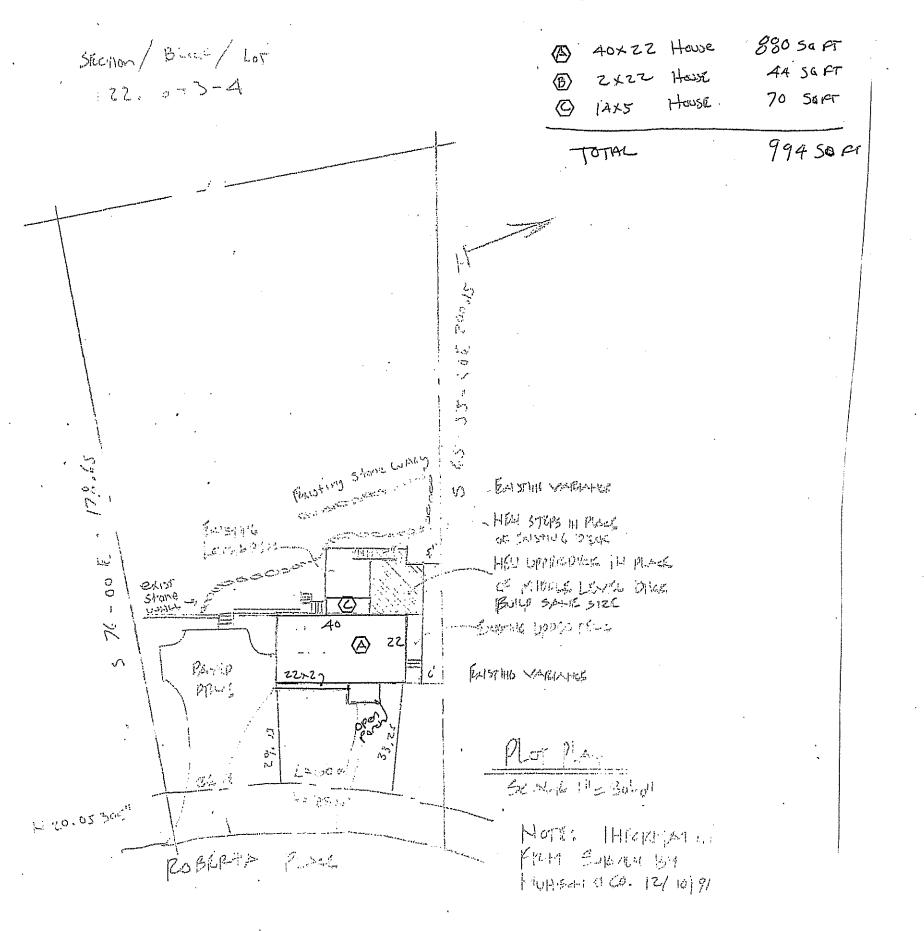
PLANNING DEPARTMENT Adam R. Kaufman, AICP Director of Planning

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

FLOOR AREA CALCULATIONS WORKSHEET

Application Name or Identifying Title:	Gamballi	Res mence	Date: 11/10/2020
Tax Map Designation or Proposed Lot No.:	122.16-3-	4	
Floor Area			
1. Total Lot Area (Net Lot Area for L	ots Created After 12/13	3/06):	19,166
2. Maximum permitted floor area (per	er Section 355-26.B(4)):		5,374
3. Amount of floor area contained wi			994
4. Amount of floor area contained wi			
5. Amount of floor area contained wi			<u> </u>
6. Amount of floor area contained wi	thin porches capable of _ proposed =	being enclosed:	60
7. Amount of floor area contained wi	thin basement (if applic proposed =	able – see definition):	924
8. Amount of floor area contained wi		– see definition):	0
9. Amount of floor area contained wi	thin all accessory buildi proposed =	ings:	0
10. Pro posed floor area: Total of Line	es 3 - 9 = _		1,978 50 pr
If Line 10 is less than or equal to Line 2, y and the project may proceed to the Residentia your proposal does not comply with the To	al Project Review Comm	with the Town's maximittee for review. If Line	um floor area regulations: 10 is greater than Line 2
Signature and Seal of Professional Preparin	ng Worksheet		////0/2020 Date

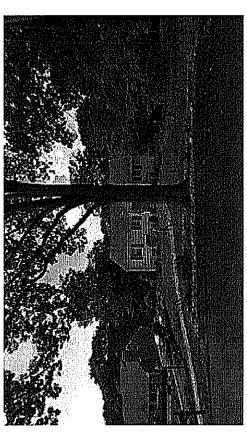
FLEOR LAKES & FOOTIPRIFT OF HOSE



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SCAPLATO OF
APPELLATERS
33 BYRAM HYLLIRS
ARMONEN 144 10504

GEMBELLI PLES 13 ROBERTS PLACE HORTH EAHHTE PLAINS, MY 10603

11/10/2020



13 Roberta Pl

White Plains, NY 10603











Share

Nearby

Save

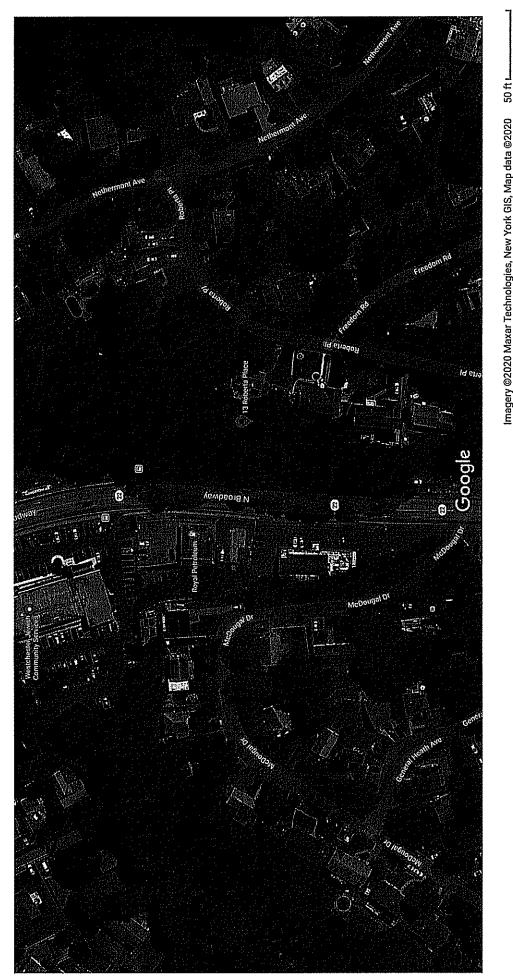
Directions

366M+3R White Plains, New York

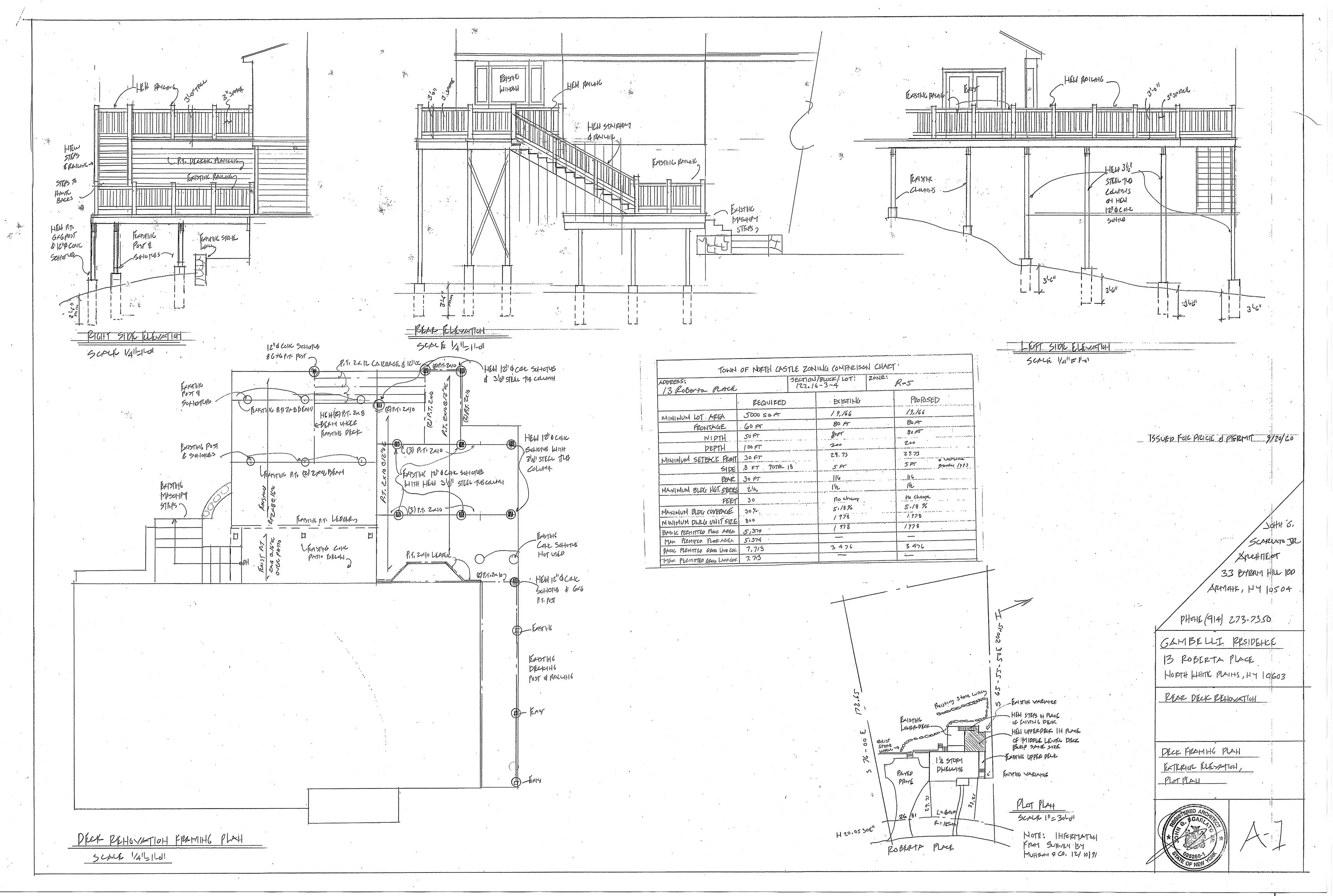
Photos

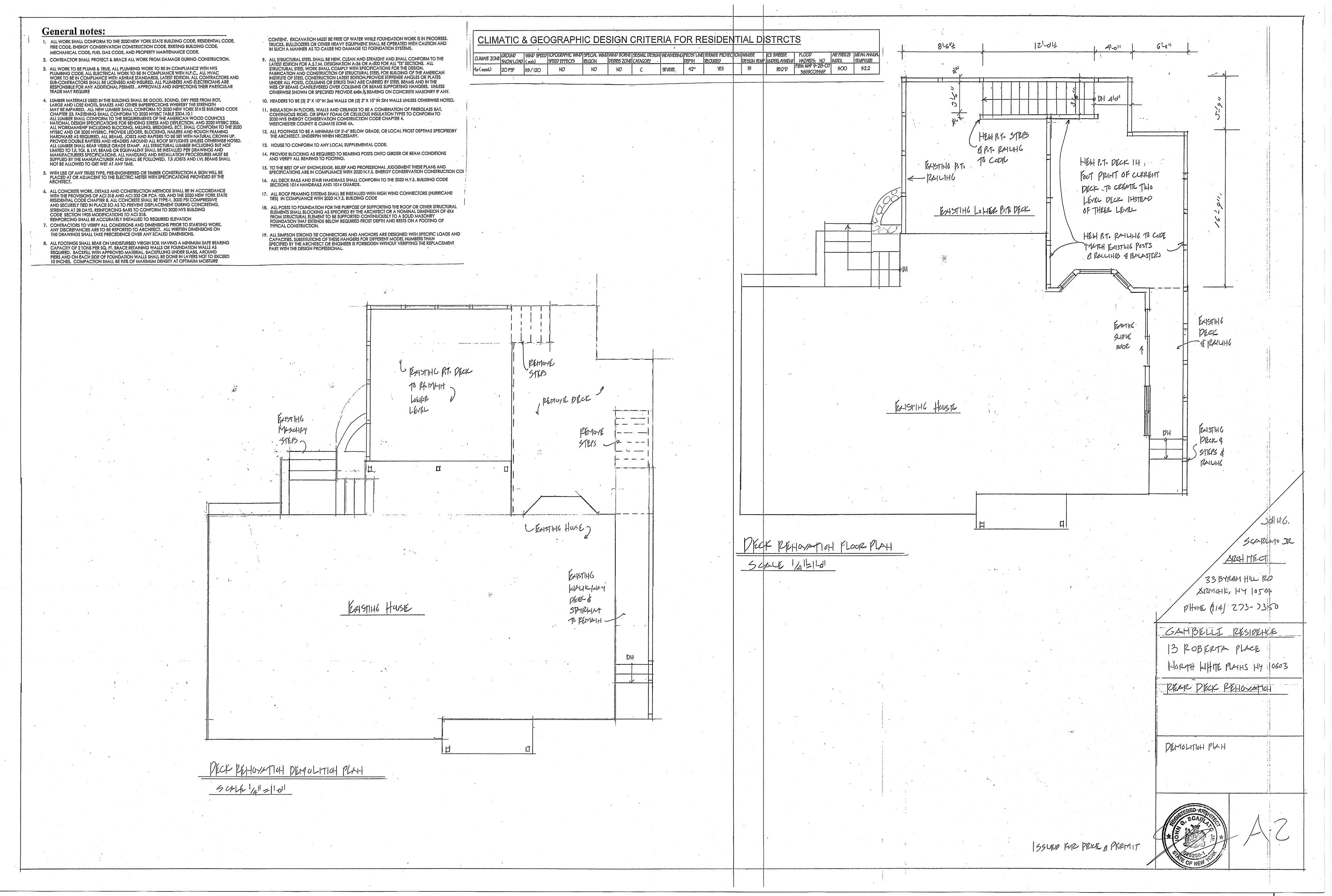


Google Maps 13 Roberta PI



Imagery ©2020 Maxar Technologies, New York GIS, Map data ©2020





SECTION R507 EXTERIOR DECKS

R507.1 Decks. Wood-framed decks shall be in accordance with this section. For decks using materials and conditions not prescribed in this section, refer to Section R301. R507.2 Materials. Materials used for the construction of

decks shall comply with this section. R507.2.1 Wood materials. Wood materials shall be No. 2 grade or better lumber, preservative-treated in accordance with Section R317, or approved, naturally durable lumber. and termite protected where required in accordance with Section R318. Where design in accordance with Section R301 is provided, wood structural members shall be designed using the wet service factor defined in AWC NDS. Cuts. notches and drilled holes of preservativetreated wood members shall be treated in accordance with Section R317.1.1. All preservative-treated wood products in contact with the ground shall be labeled for such usage.

R507.2.1.1 Engineered wood products. Engineered wood products shall be in accordance with Section

R507.2.2 Plastic composite deck boards, stair treads, guards, or handrails. Plastic composite exterior deck boards, stair treads, guards and handrails shall comply with the requirements of ASTM D7032 and this section.

R507.2.2.1 Labeling. Plastic composite deck boards and stair treads, or their packaging, shall bear a label that indicates compliance with ASTM D7032 and includes the allowable load and maximum allowable span determined in accordance with ASTM D7032. Plastic or composite handrails and guards, or their packaging, shall bear a label that indicates compliance with ASTM D7032 and includes the maximum allowable span determined in accordance with ASTM

R507.2.2.2 Flame spread index. Plastic composite deck boards, stair treads, guards, and handrails shall exhibit a flame spread index not exceeding 200 when tested in accordance with ASTM E84 or UL 723 with the test specimen remaining in place during the test.

Exception: Plastic composites determined to be

R507.2.2.3 Decay resistance. Plastic composite deck boards, stair treads, guards and handrails containing wood, cellulosic or other blodegradable materials shall be decay resistant in accordance with ASTM D7032. R507.2.2.4 Termite resistance. Where required by Section 318, plastic composite deck boards, stair treads, guards and handraits containing wood, cellulosic or other biodegradable materials shall be termite resistant in accordance with ASTM D7032.

R507.2.2.5 Installation of plastic composites. Plastic composite deck boards, stair treads, guards and handrails shall be installed in accordance with this code and the manufacturer's instructions.

R507.2.3 Fasteners and connectors. Metal fasteners and connectors used for all decks shall be in accordance with Section R317.3 and Table R507.2.3.

R507.2.4 Flashing: Flashing shall be corrosion-resistant metal of nominal thickness not less than 0.019 inch (0.48 mm) or approved nonmetallic material that is compatible with the substrate of the structure and the decking materi-

R507.2.5 Alternate materials. Alternative materials, including glass and metals, shall be permitted.

R507.3 Footings. Decks shall be supported on concrete footings or other approved structural systems designed to accomnodate all loads in accordance with Section R301. Deck footings shall be sized to carry the imposed loads from the deck structure to the ground as shown in Figure R507.3. The footing depth shall be in accordance with Section R403.1.4.

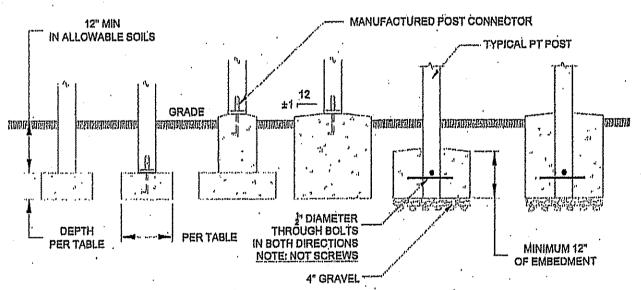
Exception: Free-standing decks consisting of joists directly supported on grade over their entire length. R507.3.1 Minimum size. The minimum size of concrete footings shall be in accordance with Table R507.3.1, based on the tributary area and allowable soil-bearing pressure in accordance with Table R401.4.1.

		•	
	FASTENER AND	TABLE R507.2.3 CONNECTOR SPECIFICATIONS FOR DECKS ^{6, b}	
ITEM	MATERIAL	MINIMUM FINISH/COATING	ALTERNATE FINISH/COATING
Nails and timber rivets	In accordance with ASTM F1667	Hot-dipped galvanized per ASTM A153	Stainless steel, silicon bronze or copper
Boits ^a Lag scrows ^d (including nuts and washers)	In accordance with ASTM A307 (bolts), ASTM A563 (nuts), ASTM F844 (washers)	Hot-dipped gaivanized per ASTM A153, Class C (Class D for /a-inch diameter and less) or mechanically gaivanized per ASTM B695, Class 55 or 410 stainless steel	
Metal connectors	Per manufacturer's specification	ASTM A653 type G185 zino conted galvanized steel or post hot-dipped galvanized per ASTM A123 providing a minimum average coating weight of 2.0 oz./ft² (total both sides).	Stainless steel

For SI: 1 Inch = 25.4 mm, 1 foot = 304.8 mm.

n. Equivalent materials, contings and finishes shall be permitted. b. Fasteners and connectors exposed to salt water or located within 300 feet of a salt water shoreline shall be stainless steel.

c. Holes for bolts shall be drilled a minimum 1/11 inch and a maximum 1/16 inch larger than the bolt. d. Lag screws 1/2 inch and larger shall be predrifted to avoid wood splitting per the National Design Specification (NDS) for Wood Construction. . Stainless-steel-driven fasteners shall be in accordance with ASTM F1667.



POSTS MUST BE CENTERED ON OR IN FOOTING

For SI: 1 Inch = 25.4 mm.

FIGURE R507.3 DECK POSTS TO DECK FOOTING CONNECTION

R507.3.2 Minimum deptli. Deck footings shall extend below the frost line specified in Table R301.2(1) in accordance with Section R403.1.4.1.

Exceptions: 1. Free-standing decks that meet all of the following

1.1. The joists bear directly on precast con-

port by beams or posts. 1.2. The area of the deck does not exceed 200 square feet (18.9 m²).

crete pier blocks at grade without sup-

1.3. The walking surface is not more than 20 inches (616 mm) above grade at any point within 36 inches (914 mm) measured horizontally from the edge.

Free-standing decks need not be provided with footings that extend below the frost line. R507.4 Deck posts. For single-level wood-framed decks with beams sized in accordance with Table R507.5, deck bost size shall be in accordance with Table R507.4.

	E R607.4 ST HEIGHT*
DECK POST SIZE	MAXIMUN (foot-l
4 × 4 _.	6

DECK POST SIZE	MAXIMUM HEIGHT*-b (feet-inches)
4 × 4	6-9°
. 4×6 .	8
6 × 6	14
8 × 8	14

For SI: I inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPa. Measured to the underside of the beam.

b. Based on 40 psf live load; c. The maximum permitted height is 8 feet for one-ply and two-ply beams. The maximum permitted height for three-ply beams on post cap is 6 feet 9

R507.4.1 Deck post to deck footing connection. Where posts bear on concrete footings in accordance with Section R403 and Figure R507.4.1, lateral restraint shall be provided by manufactured connectors or a minimum post embedment of 12 inches (305 mm) in surrounding solls or concrete piers. Other footing systems shall be permitted. Exception: Where expansive, compressible, shifting or other questionable soils are present, surrounding soils

shall not be relied on for lateral support.

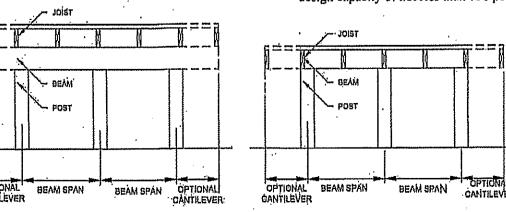
R507.5 Deck beams. Maximum allowable spans for wood deck beams, as shown in Figure R507.5, shall be in accordance with Table R507.5. Beam plies shall be fastened with two rows of 10d (3-inch \times 0.128-inch) nalls minimum at 16 inches (406 mm) on center along each edge. Beams shall be permitted to cantilever at each end up to one-fourth of the allowable beam span. Deck beams of other materials shall be permitted where esigned in accordance with accepted engineering practices.

R507.5.1 Deck beam bearing. The ends of beams shall have not less than 11/2 inches (38 mm) of bearing on wood or metal and not less than 3 inches (76 mm) of bearing on concrete or masonry for the entire width of the beam. Where multiple-span beams bear on intermediate posts, each ply must have full bearing on the post in accordance with Figures R507.5.1(1) and R507.5.1(2).

R507.5.2 Deck beam connection to supports. Deck beams shall be attached to supports in a manner capable of transferring vertical loads and resisting horizontal displacement. Deck beam connections to wood posts shall be in accordance with Figures R507.5.1(1) and R507.5.1(2). Manufactured post-to-beam connectors shall be sized for the post and beam sizes. Bolts shall have washers under

the head and nut. R507.6.1 Deck joist bearing. The ends of joists shall have not less than 11/2 inches (38 mm) of bearing on wood or metal and not less than 3 inches (76 mm) of bearing on concrete or masonry over its entire width. Joists bearing on top of a multiple-ply beam or ledger shall be fastened in accordance with Table R602.3(1). Joists bearing on top of a single-ply beam or ledger shall be attached by a mechanical connector. Joist framing into the side of a beam or ledger board shall be supported by approved joist

DROPPED BEAM



LOAD BEARING VALUE OF SOILS ", ", d (psi) round footing (inches) 26 · 8 20 23 7 28 c. Assumes minimum square footing to be 12 inches x 12 inches x 6 inches for 6 x 6 post.

For SI: I inch = 25.4 mm.

SINGLE PLY BEAM -

d. If the support is a brick or CMU pler, the footing shall have a minimum 2-inch projection on all sides.

BEAM OVER POST CAP

FIGURE R507.5.1(1)

DECK BEAM TO DECK POST

MULTIPLE PLY BEAM :=

ROUGH-BOLTS

FIGURE R507.5.1(2)

NOTCHED POST-TO-BEAM CONNECTION

5 J" MINIMUM FOR

BEAM OVER POST

BĒAM SPLICES ..

(IF REQUIRED)

e. Area, in square feet, of deck surface supported by post and footings.

BEAM SPLICE

(IF REQUIRED) MUST COCUR

OVER POST

For SI: 1 inch = 25.4 mm, 1 square foot = 0.0929 m^2 , 1 pound per square foot = 0.0479 kPa. a. Interpolation permitted, extrapolation not permitted. b. Based on highest land case: Dead + Live or Dead + Snow.

R507.6.2 Deck joist lateral restraint. Joist ends and bearing locations shall be provided with lateral resistance to prevent rotation. Where lateral restraint is provided by joist hangers or blocking between joists, their depth shall equal not less than 60 percent of the joist depth. Where lateral restraint is provided by rim joists, they shall be secured to the end of each joist with not fewer than three 10d (3-inch by 0.128-inch) (76 mm by 3.3 mm) nails or three No. 10x 3-inch (76 mm) long wood screws.

R507.7 Decking. Maximum allowable spacing for joists supporting decking shall be in accordance with Table R507.7. Wood decking shall be attached to each supporting member with not less than two 8d threaded nails or two No. 8 wood screws. Other approved decking or fastener systems shall be installed in accordance with the manufacturer's installation

R507.8 Vertical and lateral supports. Where supported by attachment to an exterior wall, decks shall be positively anchored to the primary structure and designed for both vertical and lateral loads. Such attachment shall not be accomplished by the use of toenails or nails subject to withdrawal. For decks with cantilevered framing members, connection to exterior walls or other framing members shall be designed and constructed to resist uplift resulting from the full live load specified in Table R301.5 acting on the cantilevered portion of the deck. Where positive connection to the primary building structure cannot be verified during inspection, decks shall be self-supporting.

R507.9 Vertical and lateral supports at band joist. Vertical and lateral supports for decks shall comply with this section.

R507.9.1 Vertical supports. Vertical loads shall be transferred to band joists with ledgers in accordance with this

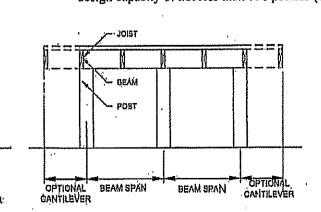
R507.9.1.1 Ledger details. Deck ledgers shall be a minimum 2-inch by 8-inch (51 mm by 203 mm) nominal, pressure-preservative-treated Southern pine. incised pressure-preservative-treated hem-fir, or approved, naturally durable, No. 2 grade or better lumber. Deck ledgers shall not support concentrated loads from beams or girders. Deck ledgers shall not be supported on stone or masonry veneer.

R507.9.1.2 Band joist details. Band joists supporting a ledger shall be a minimum 2-inch-nominal (51 mm), solid-sawn, spruce-pine-fir or better lumber or a minimum 1-inch by 9¹/₂-inch (25 mm × 241 mm) dimensional, Douglas fir or better, laminated veneer lumber. Band joists shall bear fully on the primary structure capable of supporting all required loads.

R507.9.1.3 Ledger to band joist details. Fasteners used in deck ledger connections in accordance with Table R507.9.1.3(1) shall be hot-dipped galvanized or stainless steel and shall be installed in accordance with Table R507.9.1.3(2) and Figures R507.9.1.3(1) and

R507.9.1.4 Alternate ledger details. Alternate framing configurations supporting a ledger constructed to meet the load requirements of Section R301.5 shall be

R507.9.2 Lateral connection. Lateral loads shall be transferred to the ground or to a structure capable of transmitting them to the ground. Where the lateral load connection is provided in accordance with Figure R507.9.2(1), holddown tension devices shall be installed in not less than two locations per deck, within 24 inches (610 mm) of each end of the deck. Each device shall have an allowable stress design capacity of not less than 1,500 pounds (6672 N). Where the lateral load connections are provided in accordance with Figure R507.9.2(2), the hold-down tension devices shall be installed in not less than four locations per deck, and each device shall have an allowable stress design capacity of not less than 750 pounds (3336 N).



FLUSH BEAM

3-0 2-10 4-11 4-0 5-11 4-7 4-2 2-10 5-1 2 × 10 7-0 5-5 4-9 5-0 2 × 12 8-3 6-4 5-10 5-5 4-0 4-3 6-11 5-4 5-0 Southern pine , 2 × 10 10-4 8-0 7-4 6-9 7-6 2 × 12 12-2 10-7 9-5 5-0 3-2×6 8-2 . 6-8 5-8 6-4 10-10 6-8 11-3 10-0 9-2 8-6 3 2 × 12 3 × (or 2 – 2 x 6 4-8 4-2 3-10 3-6.. 5-11 5-4 4-10 5-1 **ნ-**6 5-11 6-4 5-11 5-7 6-10 Douglas fir-larch°, hem-fir 4-6 4-2 3-11 3-8 5-6 spruce-pine-fir*, redwood, 5-2 4-10 4 × 8 6-6 5-11 5-6 6-1 7-8 western cedars, ponderosa pine × 12 11-5 7-0 6-7 9-11 8-10 red pine $3-2\times6$ 6-8 6-0 5-6 6-0 5-8 $3-2\times8$ 9-8 8-6 7-7 6-11 6-5 2 × 10 10-5 9-4 8-6 7-10 · 7-4 13-11 | 12-1 | 10-9 | 9-10 | 9-1 3 2 × 12

TABLE R507.5
DECK BEAM SPAN LENGTHS* 5-9 (feet - Inches)

DECK JOIST SPAN LESS THAN OR EQUAL TO:

For SI: I inch = 25.4 mm, I foot = 'P4.8 mm, I pound per square foot = 0.0479 kPa, I pound = 0.454 kg.

a. Ground snow load, live load = 41 psf, dead load = 0 psf, L/\Delta = 360 at main span, L/\Delta = 180 at cantilever with a 220-pound point load applied at the end.

b. Beams supporting deck joists from one side only.

c. No. 2 grade, wet service factor.

LEDGE

d. Beam depth shall be greater than brequel to depth of Joists with a flush beam condition. e. Includes incising factor.

6. Northern species: Incising factor hot included. g. Beam cantilevers are limited to the adjacent beam's span divided by 4

SPECIES*

TABLE R507.9.1.3(1)
DECK LEDGER CONNECTION TO BAND JOIST* b
e load = 40 psf, deck dead load = 10 psf, snow load ≤ 40 psf)

	·····	T		·····	10100			
, •		JOIST SPAN						
CONNECTION DETAI	LS	6' and less	6'1" to 8'	8'1" to 10'	10'1" to 12'	12'1" to 14'	14'1" to 16'	16'1" to 18'
	· On-center spacing of fasteners							
//2-inch diameter lag screw with maximum sheathing	1/2-incl	30	23	18	15	13	11	. 10
// ₂ -inch diameter bolt with ¹ / ₂ -in sheathing ^d	ch maximum	36	36	34	29	24	21 .	19
/2-inch diameter bolt with 1-inc sheathing*	nuuriixaa d	36	36	29	24	21	18	16

For Si: 1 inch = 25.4 mm, I foot = 304.8 mm, I pound per square foot = 0.0479 kPa.

a. Ledgers shall be flashed in accordance with Section R703.4 to prevent water from contacting the house band joist.

b. Snow load shall not be ssumed to act concurrently with live load.

c. The tip of the lag screw shall fully extend beyond the inside face of the band joist.
d. Sheathing shall be woo structural panel or solid sawn lumber.

e. Sheathing shall be permitted to be wood structural panel, gypsum board, fiberboard, lumber or foam sheathing. Up to ½-inch thickness of stacked washers shall be permitted to sugstitute for up to ½ inch of allowable sheathing thickness where combined with wood structural panel or lumber sheathing.

					•	·				
	PL	ACEMENT	of LAG SCREV	TABLE R507.9.1.3(2) WS AND BOLTS IN DECK L	rs	For St: 1 Inch =	25.4 mm, 1 faol =	304:8 mm.		
,		MIN	MUM END AND I	EDGE DISTANCES AND SPACI				•		
		TOP	EDGE	BOTTOM EDGE	ENDS ;	ROW SPACING				
Ledger ^a		2 i	nohes	³/ ₄ inch	2 inches ^b	1 ⁵ / ₈ inches ^b		•	•	
Band Joist ^e		3/4	inch .	2 inches	2 inches ^b	15/8 inchest	•	. • •		
	1				· · · · · · · · · · · · · · · · · · ·					

a. Lag screws or bolts shall be staggered froughthe top to the bottom along the horizontal run of the deck ledger in accordance with Figure R507.9.1.3(1). b. Maximum 5 inches,

c. For engineered rim joistiff the manufactured a recommendations shall govern. d. The minimum distance from bottom row of lag acrows or bolts to the top edge of the ledger shall be in accordance with Figure R507.9.1.3(1). STAGGER FASTENERS IN 2 ROWS *DISTANCE SHALL BE PERMITTED TO 5.5" MIN. FOR 2 X 8* BE REDUCED TO 4.5" IF LAG SCREWS ARE USED OR BOLT SPACING IS REDUCED TO THAT OF LAG SCREWS TO ATTACH 2 X 8 LEDGERS TO 2 X 8

For SI: 1 Inch = 25.4 m FIGURE R507.8.1.3(1) LACEMENT OF LAG SCREWS AND BOLTS IN LEDGERS

AG SCREW OR BOLT

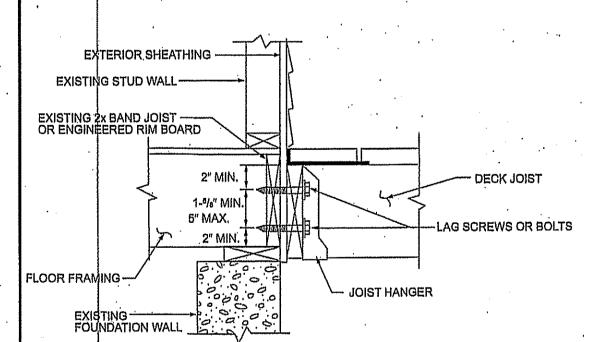


FIGURE R507.9,1,3(2) PLACEMENT OF LAG SCREWS AND BOLTS IN BAND JOISTS

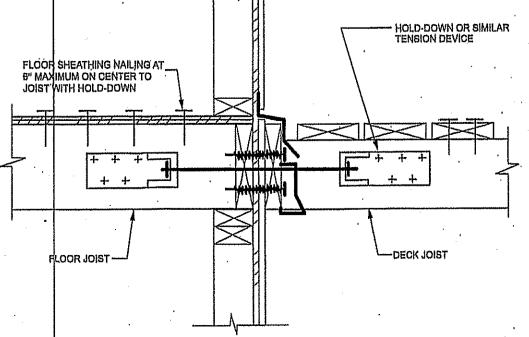


TABLE R607.8
DECK JOIST SPANS FOR COMMON LUMBER SPECIES (ft. - in.) ALLOWABLE JOIST SPAN MAXIMUM CANTILEVERS! SPACING
OF DECK JOISTS WITH CANTILEVERS SPACING OF DECK JOISTS SPECIES* 16 1-4 9-0 11-10 2-3 2-5 2 × 8 13-1 2-1 louthern pine 2 × 10 11-5 3-4 2-10 16-2 14-0 3-6 2 × 12 13-6 4-6 4-2 16-6 2 × 6 1-5 Douglas fir-larch^d hem-fir^d 2×8 . 12-6 11-1 1-11 2-3 2-1 · 2 × 10. 15-8 13-7 11-1 3-5 2-9 3-1 spruce-pine-fir^d, 3-11 3-3 2 × 12 15-9 12-10 4-6 18-0 2×6 8-10 8-0 1-0 1-1 1-2 2 × 8 11-8 1-8 1-10 2-0 western cedars. onderosa pine 2×10 14-11 2-8 2-10 2-8 17-5 2 × 12 12-4 - 3-10 3-9 For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kPn, 1 pound = 0.454 kg.

n. No. 2 grado with wet service factor. b. Ground snow load, live load = 40 psf, dead load = 10 psf, $L/\Delta = 360$. c. Ground snow load, live load = 40 psf, dead load = 10 psf, L/A = 360 at main span, L/A = 180 at cantilever with a 220-pound point lead applied to end.

d. includes incising factor. . Northern species with no incising factor.

Cantilevered spans not exceeding the nominal depth of the joist are permitted.

MAXIMUM JOIST SPACING FOR DECKING MAXIMUM ON-CENTER JOIST SPACING DECKING MATERIAL TYPE AND NOMINAL SIZE Decking perpendicular to loist Docking diagonal to joist*. 16 inches 12 inches

/_inch-thick wood inch-thick wood In accordance with Section R507.2 In accordance with Section R507.2 For SI: 1 Inch = 25.4 mm, 1 foot = 304.8 mm, 1 degree = 0.01745 md. a. Maximum angle of 45 degrees from perpendicular for wood deck boards

> - SHEATHING - SIDING THIS DETAIL IS APPLICABLE WHERE FLOOR JOISTS ARE PARALLEL TO DECK JOISTS APPROVED JOIST HANGERS - 2x LEDGER WITH FASTENERS IN ACCORDANCE WITH TABLE R607.2 - HOLD-DOWN DEVICE MIN 750 LB. CAPACITY AT 4 LOCATIONS, EVENLY DISTRIBUTED ALONG DECK AND ONE WITHIN 24" OF EACH END OF THE LEDGER, HOLD-DOWN DEVICES SHALL FULLY ENGAGE DECK JOIST PER HOLD-DOWN MANUFACTURER. FLOOR JOISTS -

> > FIGURE R507,9.2(2) DECK ATTACHMENT FOR LATERAL LOADS

. A FULLY THREADED %" DIAMETER LAG SCREW PREDRILLED W/ MIN, 3" PENETRATION TO CENTER OF TOP PLATE, STUDS, OR HEADER.

John G. Scarlato Jr Architect

33 Byram Hill Road Armonk, NY 10504

"Phone: (914) 273-7350 JGSCARLATO@GMAIL.COM

GAMBRULT PRSIDEALER 13 ROBERTX PLACE

HUPOTH KAHITE PLANS, NY 10603

2020 RESIDENTIAL CODE OF **NEW YORK STATE** SECTION R507: **EXTERIOR DECKS**



FIGURE R507.5 TYPICAL DECK JOIST SPANS

- BLOCKING OR OTHER LATERAL RESTRAINT REQUIRED OVER BEAM OPTIONAL CANTILEVER

STRUCTURE

BOARD

JOISTS --

FOR CANTILEVERED

BLOCKING OR

-OTHER LATERAL RESTRAINT

REQUIRED OVER

CANTILEVERED JOISTS WITH DROPPED BEAM

FOR CANTILEVERED JOISTS

JOIST SPAN MEABURED ENTERLINE TO CENTERLINE

JOISTS WITH FLUSH BEAM

FIGURE R607.6 TYPICAL DECK JOIST SPANS

For SI: 1 inch = 25.4 mm.

For SI: 1 inch = 25.4 mm.

FIGURE R507.9.2(1) DECK ATTACHMENT FOR LATERAL LOADS 1550 KD PTYLE & PERITIF 9/20/20

Zoning Board of Appeals

Town of North Castle
17 Bedford Road - Town Hall Annex
Armonk, New York 10504

RESOLUTION OF APPROVAL FOR AREA VARIANCE

ZONING BOARD OF APPEALS TOWN OF NORTH CASTLE

In the matter of the Application
of
TIMOTHY AND KAREN RYAN
WHEREAS, applicant, TIMOTHY AND KAREN RYAN
owner of property located on 13 ROBERTA PLACE, NORTH WHITE PLAINS, N.Y.
and known on the tax assessment map of the Town of North Castle as
Section 7 , Block 4 , Lot 1-19 , has applied for
the following variance(s) from the provisions of the Zoning Code of the
Town of North Castle: (PERMISSION TO ALLOW THE CONSTRUCTION OF A PROPOSED WOOD STAIRCASE AND LANDING HAVING AN INSUFFICIENT SIDE-YARD SETBACK)
SECTION 213.19: R5 ZONING DISTRICT - THE MINIMUM SIZE-YARD SETBACK REQUIREMENT IS 8 FEET ON ONE SIDE - TOTAL BOTH SIDES 18 FEET
WHEREAS, prior to the hearing, members of the Board of Appeals con-
ducted an inspection of the premises and surrounding neighborhood; and
WHEREAS, on SEPTEMBER 9, 1993 the Board conducted a
duly noticed public hearing on the application (which was adjourned to
and continued on) at which time all interested
parties had the opportunity to be heard; and

Zoning Board of Appeals Meeting September 9, 1993

Mr. Nagle: I think that this flowed from an honest error, in the beginning and I don't see where it really impacts some of the things that we worry about here on the Board, like population density, safety, character of the neighborhood and so forth. Even though the variance requested is about 25% which is not deminimis, I feel that so far as this being a detriment to the community, it is not and it flowed from an honest error.

Mr. Nagle asked the rest of the Board to comment.

Mrs. Deery: I agree with Mr. Nagle.

Mr. Nagle: I can sympathize with John, too, because we have had numerous situations with flagrant disregard to the zoning law, mainly out of ignorance.

I would make a motion to approve the 7.63 feet variance, because I feel that this flowed from an honest error. I think that it is not in any way detrimental to the health, safety, of the community. Nor is it changing the character of the neighborhood; it does not impact on population density. It could be alleviated in another way, but that would be a hardship, due to substantial costs involved. I think that the interest of justice is served by granting the variance and there is no environmental, ecological, or aesthetic impacts that I see.

Mrs. Deery seconded the motion.

Vote: Mr. Baptiste, Aye; Mrs. Deery, Aye; Mr. Klem, No; Mr. Nagle, Aye.

AYAN, TIMOTHY & KAREN

13 Roberta Place, North White Plains

Section 7, Block 4, Lot 1-19

The recording secretary read the Affidavit of Publication into the record.

Karen Ryan was present.

This is from a decision of the Building Department, for permission to allow the construction of a proposed wood staircase and landing having an insufficient side yard setback.

Mrs. Ryan: We would like to build a deck and we don't have enough room on the side to have our entrance to the deck, from the front yard. We have the plans. Most of the deck is in conformity, except for the side yard. We are about two feet short.

RESOLUTION OF APPROVAL; Area Variance

WHEREAS, the applicant has submitted proce of proper motice to nearby property owners required to receive notice thereof:

NOW, THEREFORE, the Board of Appeals makes the following findings:

- 1. The requested activity is a Type 2 action under the State Environmental Quality Review Act.
- 2. That the variation is not substantial in relation to the requirement.
- 3. That the effect of any increased population density which may thus be produced upon available services and facilities is not significant.
- 4. That a substantial change in the character of the neighborhood or a substantial detriment to adjourning properties will not be created.
- 5. That the difficulty cannot be alleviated by some method feasible for the applicant to pursue other than a variance.
- 6. That, in view of the manner in which the difficulty arose and considering all of the above factors, the interests of justice will be served by allowing the variance.
- 7. That the variance would not cause adverse testhatic, environmental or ecological impacts on the property or on surrounding areas.

RESOLUTION OF APPROVAL; Area Variance

NOW, THEREFORE, BE IT RESOLVED, that the application for relief by the grant of a variance from the requirements of the Eoning Code of the Town of North Castle is(are) hereby granted: FOR AN ADDITION OF A NEW STAIRCASE AND LANDING TO INTRUDE A MAXIMUM OF 4 FEET INTO THE SIDE-YARD SETBACK.

THIS VARIANCE IS SUBJECT TO THE FOLLOWING COMMETTIONS

- 1. THIS VARIANCE SHALL EXPIRE IF WORK IS NOT INITIATED PURGUANT THERETO WITHIN TWO(2) YEARS FROM THE DATE OF THIS RESOLUTION:
- 2. A BUILDING PERMIT MUST BE OBTAINED FROM THE BUILDING INSPECTOR FOR ANY CONSTRUCTION RELATING TO THIS VARIANCE AND BURVEYS OF THE PROPERTY SUBMITTED TO THE BUILDING INSPECTOR ACCORDING TO HIS INSTRUCTIONS.

Motion by: CAROL MORAVEC-DEERY
Seconded by: KIM BAPTISTE

KIM BAPTISTE

CAROL MORAVEC-DEERY

JUHN KLEM

GEORGE NAGLE, JR.

AYE

AYE

AYE

The Resolution is Granted by Order of the Board of Appeals

DATE: 10-5-93 Kofel Chairman

I HEREBY CERTIFY this to be a true copy of a resolution approved by the vote of the Board of Appeals of the Town of Morth Castle at a meeting held on <u>SEPTEMBER 9, 1993</u> at the Town Hall Annex, North Castle, New York.

Linda Difiore Segretary

ZB-RYAN RES

Zoning Board of Appeals Meeting September 9, 1993

Mr. Klem: I would like to know why do you need to access this from the outside?

Mrs. Ryan: Because if I don't have access from the front of the house, the only way through is through my house and out the side door, or to go around the other side of the house where it is very steep. It slopes down. I wouldn't want my guests to go that way. Also, we are starting a family and we plan to build an addition on that side. We won't need to come before your Board.

If we were not to get a variance and just go out through the back, we would have to go through a beautiful bay window and I have estimates that it will be much more expensive to go through the bay window.

Mr. Klem: Could you describe from these plans, the planned access to these decks from the house, is what?

Mrs. Ryan: It is the side one. As you can see, the nearest house is 80 feet away. I got a letter saying that they have no problem with this.

Mrs. Ryan described the deck as being "tri-level," with a cat walk.

Mr. Nagle: Do you have a good survey of the property?

Mrs. Ryan: Yes.

Mr. Nagle: Is this going to be appropriately laid out on the survey, so that you will not be back here as soon as this is added to?

Mrs. Ryan: Yes. If it is approved, I have to get an As Built survey.

Kenneth and Nancy Dillon, neighbors at 15 Roberta Place, have written a letter saying they do not object to this variance.

Mrs. Deery: I make the motion that this variance be approved. It is not substantial in relation to the requirement in the Code. There would be no increase in population density, it does not substantially change the character of the neighborhood. After listening to the applicant, there is no other feasible way of doing this. In the interest of justice, I move that this be approved.

Mr. Baptiste seconded the motion.

Vote: Mr. Baptiste, Aye; Mrs. Deery, Aye; Mr. Klem, Aye; Mr. Nagle, Aye.

