LWH
ARCHITECTURE

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Project	:	Houses #1, 7616NB
Re	:	Business Plan - Draft, Confidential
Date	:	12.22.2022
To	:	Team Internal

Executive Summary

The proposed project is a sustainable construction development of a 117 Acre property located in Red Hook, New York. The proposed development will consist of both residential and commercial buildings.

Residential buildings	High-market homes
	Mid-market homes
	Affordable/starter homes
Commercial buildings	Community Center
	Office

The existing 117 acre property contains existing buildings, 50 acres of farm lands, a 7.5 acre (3 hectare) freshwater pond, and 50 acres of rolling forested hills.

Most points of the property are within a 5 minute walk and/or bike ride from the town of Red Hook, a village in Dutchess County. Rhinebeck (oft referred to as the Hamptons of the North) is a 10 minute drive from the town of Red Hook. Bard College (enrollment 2,500), one of the Northeast's premier educational institutions, is a 5 minute drive away.

The proposed buildings will be constructed of fully sustainable mass timber materials; heat and cooling sources will be geothermal; energy harvesting and energy back up storage will be solar.

The burgeoning mass timber industry in North America continues to provide opportunities of integrating this sustainable material more deeply into the construction industry.

In conjunction with sophisticated prefabrication methods the project is expected to be delivered for less cost than traditional construction methods and at greater speed.

As such, our approach is modular, fully systems integrated, and projected as a phased build in 18-24 months, beginning in 2024. A marketable prototype will be built in mid 2023.

Market research indicates that we will be able to market our high market homes in the $1.3-1.4mil range and our mid level homes in the $650k - $750k range.

Our potential buyers range from second homes for young families moving to the area, local and returning families, college students, and retirees.

This fully sustainable green community is proximitate to the town and will have over 5 miles of bike and walking paths set in the natural beauty of surrounding farmland and town.

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Business Description and Structure

Construction development of modular sustainable energy efficient homes optimized for mass timber.

Integrated Project Delivery

The project will be built employing an integrated project delivery method with full participation of all design and construction teams from evaluation and planning through construction administration. Integrated project delivery minimizes coordination conflict and permits a far greater level of value engineering - hence lower construction costs - than traditional design-bid-build methods.

The horizontally integrated team consists of fully participating architects, engineers, mass timber fabricators, forestry experts, site and construction crews.

Modular Design Flexibility/Mass customization

The modular nature of the proposed designs (1,200SF, 1,600SF, and 2,400SF) allow for mass customized building system solutions that are simple, constructible and implementable.

Within each proposed design type simple 90 degree rotations of program and structure yield customization and aesthetic variability across the development. This variation is achieved without a revision of construction material elements or engineering.

Circular Built Economies and Material Lifecycle

Buildings are designed for end of life disassembly and reintegration into the economic material stream, adding 16-18% residue value to building materials. Building materials are registered for redeployment in anticipation of end of life reuse, minimizing waste and optimizing for sustainability.

All components of construction have capacity for disassembly and reintegration into the material stream, providing flexibility for additions and/or maintenance and responsible end of life material re-use. Circularity in the built environment adds market value through sustainability and actual material value to the homes..

Prefabrication

Available prefabrication / off site assembly is optimized for production. Typical prefabrication shifts 75% of construction to off site with 25% on site. Prefabricated building elements include windows and doors, fittings for electricity, piping and other services, sanitary and kitchen units.

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Mass Timber

Beyond the essential sustainable nature of the material, mass timber has structural and thermodynamic capacity that, when exposed at the interior, is sophisticated, tactile and beautiful. The full integration of fabrication capacities and transport logistics allows mass timber to be an immediately scalable building element. The intelligent design and implementation of mass timber reduces construction time to a fraction of traditional wood frame construction and individual homes are expected to be erected within 7-10 days.

Energetically Efficient - Net Positive

Energetically efficient (high performance) envelopes in conjunction with geothermal heating and cooling and solar harvesting and storage will yield net positive buildings. Due to state and federal incentives the sustainable energy systems can be built for less than traditional systems. In addition to cost savings that can be passed onto the buyers these systems typically have long life spans, are environmentally sustainable, and are desired systems for potential buyers.

Community Geothermal System

Community ground loops connected through secondary distribution nodes offer the possibility of a high efficiency community wide distributed energy system that can be installed with a 40% reduction in costs. In this model the developer owns the energy system and charges a monthly fee and $/BTU utilized to homeowners offering extensive savings to potential buyers and monthly cash flow to the developer.

Community Solar System and Energy Storage

A community solar system, managed through DERM, offers scale energy harvesting and storage. The site is optimal for solar harvesting and, in conjunction with geothermal, readily yields net positive homes providing cost savings to owners and community wide energy resiliency.

Distributed Energy Resource Management (DERM)

Development scale energy management systems for geothermal and solar yield energy resiliency and independence. The development electrical microgrid/edge grid will have capacity to effectively and efficiently manage energy collection and distribution from individual solar collection and storage to development scale.

Optimization for Industry 4.0

Alongside Industry 4.0, mass timber manufacturing provides the opportunity for design and advanced manufacturing coordination that minimizes on site assembly and optimizes production. . Floor, wall and roof panels including connections can all be detailed prior to manufacture and, with the help of CAM (Computer Aided Manufacturing), CAD (Computer Aided Design) and CNC (Computer Numerical Control) fabrication tools, can be optimized for automated fabrication and efficient construction.

Plumbing, Mechanical, and Electrical systems can be fully integrated in the planning and fabrication stages, minimizing the required sub-trade time on site to further optimize efficiency.

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Value Proposition

Low Cost Construction
Rapid Deployment
Optimization for production
Sustainability
Scalable for future projects

Bottlenecks/Identifiable Problems

Acquisition of Land (availability and cost)
Location (site should have access to towns, transportation and/or vehicles)
Approvals by Authorities having Jurisdiction, Nimbyism
At scale implementation, hedged through prototype
Sources of funding for Phase 2 (if affordable, veteran, domestic abuse sources) there will be multiple directives, planning requirements (Cit. The Way Los Angeles is Trying to…)

Strategic Relationships

Mass Timber Manufacturers
Clemson University Wood Utilization + Design Institute
APA - Engineered Wood Association
Environmental Protection Agency
New York State Department of Energy Conservation
Simpson Strong Tie, Mass Timber Connectors
Red Hook Town and Village Buildings and Planning Department
GATE Global Association for Transition Engineering

Construction Phases

We anticipate the following development phases:

Phase 0 Winter 2022 Land Acquisition/Planning/Financing/Design

This first phase will consist of land acquisition, project planning and financing rounds. Evaluation and planning will include coordination with town authorities, building departments, and financing teams. Internal planning and design is scheduled for the engineering teams (Structural, HVAC, Geothermal, Solar) during this phase. Additional coordination with fabrication and manufacturing teams will take place. The prototype design is scheduled to be completed by the Spring of 2023.

Phase 1 Summer 2023 Prototype House 1,200SF

This phase will consist of a 1,200SF house located in the eastern end of the property. The prototype will include a 2 car garage, geothermal heat pump cooling and heating, solar energy harvesting and solar energy storage. The scheduled prototype will function as a marketing/sales opportunity but also as an internal mechanism to identify critical points/paths for scaling to Phase 2.

Phase 2 Spring 2024 Mid-Market Homes 1,200SF & 1,600SF

This phase will consist of four(4) 1,200SF and four(4) 1,600SF homes in the eastern end of the property. Homes will include 2 car garages, geothermal heat pump cooling and heating, solar energy harvesting and solar energy storage. Access roads and driveways in addition to ca. 10,000LF of bike and walking paths will be built during this phase.

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Phase 3a 2025 High-Market Homes 2,400SF

This phase will consist of four(4) 2,400SF homes in the western edge of the freshwater pond. Homes will include 2 car garages, geothermal heat pump cooling and heating, solar energy harvesting and solar energy storage. Additional access roads, driveways, and bike and walking paths will be built during this phase

Phase 3b 2025 Mid-Market Homes 1,200SF & 1,600SF

This phase will consist of additional four(4) 1,200SF and four(4) 1,600SF homes in the eastern end of the property. Homes will include 2 car garages, geothermal heat pump cooling and heating, solar energy harvesting and solar energy storage. The remainder of bike and walking paths will be built during this phase.

Phase 4a 2026 Affordable/Starter Homes 1BR & 2 BR

This phase will consist of additional thirty-two (32) 1 bedroom and 2 bedroom affordable/veterans homes at the eastern edge of the property. Homes will include parking, storage, geothermal heat pump cooling and heating, solar energy harvesting and solar energy storage.

Phase 4b 2026 Community Center 4,000SF

This phase will consist of a community center connected to the existing landmarked barn on the southwestern edge of the property. The community center will have an adjoining geothermal heat pump cooling and heating, solar energy harvesting and solar energy storage.

Note to Phases : Phase distribution will be re-evaluated in the Spring and Summer of 2023 in anticipation of additional housing and construction data. The current phase distribution can be adjusted as needed to optimize sales and construction for the entire project.

Market Research

Freddie Mac Housing Sentiments, Q4 2022 Research Brief

Market Confidence

34% are confident the housing market will remain strong over the next year. This is down 12 percentage points from last quarter.

Housing Affordability

57% of renters and 25% of homeowners spend more than 30% of their monthly income on housing. This is down 3 percentage points and up 1 percentage point, respectively, from last quarter.

Payment Concerns

57% of consumers are concerned about making housing payments, with concern increasing among both renters and owners since last quarter. 70% of renters (an 8-percentage point increase from last quarter) and 44% of homeowners (a 7-percentage point increase from last quarter) are concerned about making housing payments.

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Market Activity
21% are likely to buy a home in the next six months, a 2-percentage point increase from last quarter.
14% of homeowners are likely to sell in the next six months, a 1-percentage point decrease from last quarter.
17% of homeowners are likely to refinance in the next six months, a 1-percentage point increase from last quarter.

Citation : Freddie Mac Housing Sentiments, Q4 2022 Research Brief, 12-20-2022

Housing Supply Shortage

Entry Level Housing Shortage
2018 - 2.5 mil homes shortage
2020 - 3.8 mil homes shortage

Why is there a Housing Shortage?

The main driver of the housing shortfall has been the long-term decline in the construction of single-family homes and that decline has been exacerbated by an even larger decrease in the supply of entry-level single-family homes, or starter homes."

1. Lack of Construction Labor
2. Land Use Restrictions
3. Zoning restrictions
4. Nimbyism (especially in areas where there is a shortage)
   E.g Woodside CA, declaring mountain lion sanctuary
5. Lack of Land Developers
6. Lack of Land
7. High cost of building materials

"But one of the most important reasons for this shortfall has been the severe underbuilding of entry-level homes, where most of the demand exists, especially now given the large cohort of Millennials entering the housing market."

Type Decline since 1980s
Especially strong in decline are homes less than 1,400SF

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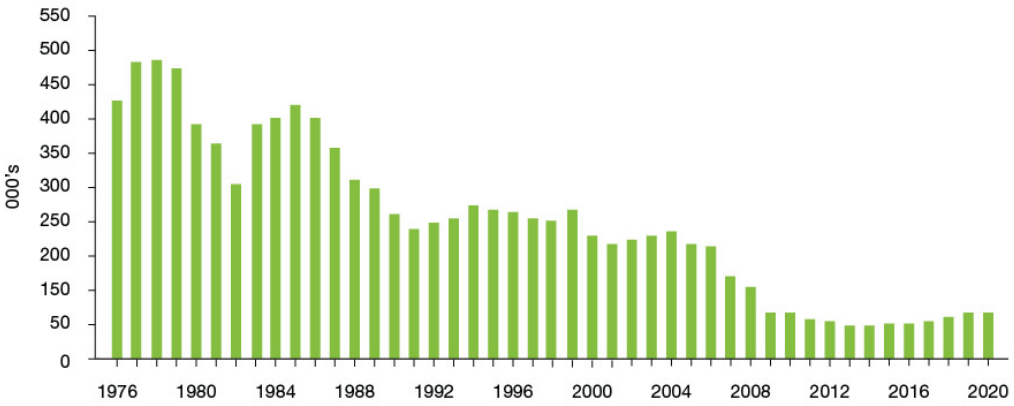
Exhibit 2
2020 75k new homes below 1,400SF (down from 418k in 1976)

EXHIBIT 2

Number of new homes constructed below 1,400 square feet

Entry-Level home construction collapsed after the Great Recession and never recovered



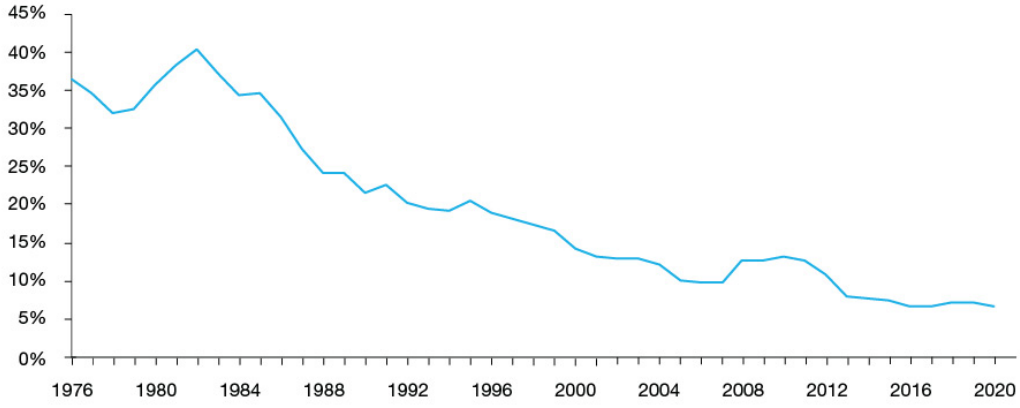
Source: U.S. Census Bureau.

Exhibit 3
2020 10% new homes below 1,400SF (down from 35% in 1976)

EXHIBIT 3

Percent of new homes below 1,400 square feet

Entry-Level home construction consistently declined as a share of new construction and is at near a 50-Year Low



Source: U.S. Census Bureau.

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Millennial Market Demand

**Measure by household formation and/or job growth*

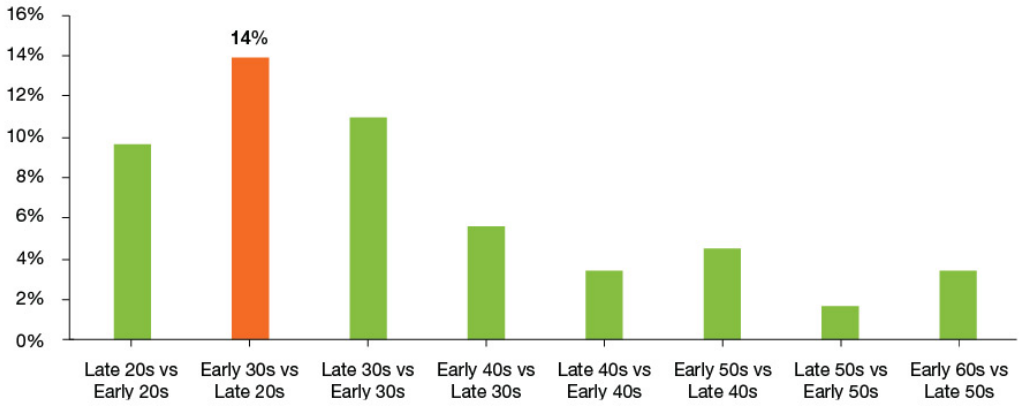
72 million millennials (largest in the US) are at peak of buying

Exhibit 4a

Largest change in home ownership is under 25 to 29, 25-34

EXHIBIT 4a

Percentage point change in homeownership by age cohort



Source: HVS, U.S. Census Bureau, 2020.

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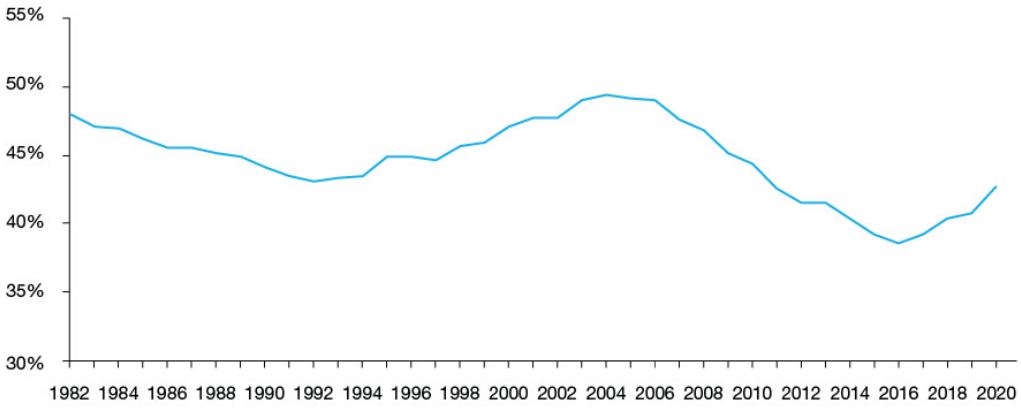
Exhibit 4b
Home Ownership on the Rise

EXHIBIT 4b

Homeownership rate of 25-34 year-olds starting to rise again in recent years



Source: U.S. Census Bureau Housing Vacancy Survey.

Citation : Freddie Mac, Cit. Housing Supply, A Growing Shortage, 05-07-21

Locations of Shortage

Number of new single family home permits issued for every new job. In a balanced market, a single-family permit is issued for every 2 new jobs. As of July 2022, New York, San Francisco and Boston metro areas are some of the areas with the highest difference between new houses and new jobs.

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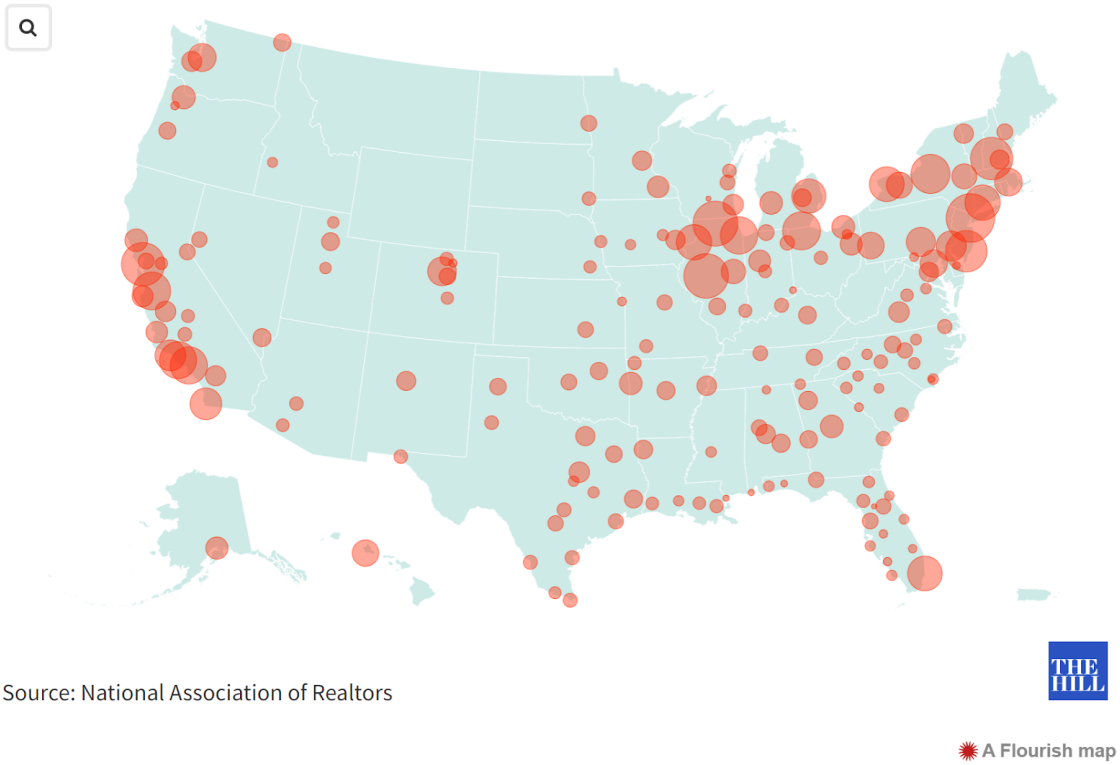

Citation : Housing Shortage is worst in these Cities, 10-21-22

Competitors

There are multiple companies working in the modular home sector across the world. Some of them utilize prefabrication techniques while others do not. There are a handful of larger developers working with mass timber across commercial and industrial applications.

There are no direct competitors in the mass timber mid-market and high-market residential sectors.

Market Strategy, Competitive Sales Advantage

Mid-market homes priced at $650k - $750k on larger lots (.75 - 1 acre) than competitors priced similarly.

High-market homes priced at $1,200k - $1,500k on 4 acre lots.

Affordable homes priced at $250k - $350k, multifamily.

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Competitive sales advantage through design, sustainability, energy efficiency, and community engagement. Distribution sensitivity of architecture types and potential buyers across the entire project.

96.2% of land is green space consisting of farmland, parks, and yards.

Wide range of potential buyers from new families (e.g. first time buyers), retirees, veterans, second homebuyers and wealthy homebuyers.

The project is at the forefront of resiliency, sustainability and building technologies.

Sustainable Land Use

Total Land	117	Acres
High Market	16	Acres
Mid Market	12	Acres
Affordable/Starter Homes	5	Acres
Ex. Commercial	2.5	Acres
Community Center	1.5	Acres
Roads/Parking	3	Acres
Total Sold Dev	40	Acres
Reserved Ponds, Farms, Parks	77	Acres
% of Lands Sold	34%	
% of Lands Preserved	66%	
SF Built Res and Comm	64,800	SF
SF Built Civil	130,000	SF
Total SF Built	194,800	SF
Total Open Space	5,096,520	SF
% Open Space	96.2%	

Site Development

See the enclosed site plan drawings detailing preserved land, green space, lots, buildings, and survey.

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Financial Structure

(a) Acquisition	$2,400,000	
(b) Construction Costs		
Phase 0	$450,000	Evaluation and Planning Design Environmental
Phase 1	$640,000	1 Prototype @ 1,200SF @ $400/SF
Phase 2	$1,400,000	4 @ 1,200SF @ $300/SF
	$1.920,000	4 @ 1,600SF @ $300/SF
Phase 3a	$3,840,000	4 @ 2,400SF @ $400/SF
Phase 3b	$1,400,000	4 @ 1,200SF @ $300/SF
	$1.920,000	4 @ 1,600SF @ $300/SF
Phase 4a	$7,200,00	32 @ 900SF @ $250/SF
Phase 4b	$800,000	1 @ 4,000SF @ $200/SF
Total Construction	$19,570,000	
(c) Soft Costs		
Due Diligence	$75,000	
Architecture	$975,000	
Engineering	$250,000	
Environmental	$75,000	
Legal	$400,000	
Marketing	$250,000	
Total Soft Costs	$2,025,000	
(a) Acquisition	$2,400,000	
(b) Total Construction Costs	$19,570,000	
(c) Total Soft Costs	$2,025,000	
Total Dev Cost	**$23,995,000**	

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Cost of Construction and Sales Strategy

(Mid @ $300/SF; High at $400/SF)

SF	Type	Cost	Sale	Net
1,200SF	Mid Market	$360,000	$685,000	$325,000
1,600SF	Mid Market	$480,000	$795,000	$315,000
2,400SF	High Market	$960,000	$1,350,000	$390,000
900SF	Aff Market	$225,000	$300,000	$75,000
(8) 1,200SF	Mid Market	$2,880,000	$5,480,000	**$2,600,000**
(8) 1,600SF	Mid Market	$3,840,000	$6,360,000	**$2,520,000**
(4) 2,400SF	High Market	$3,840,000	$5,400,000	**$1,560,000**
(32) 900SF	Aff	$7,200,000	$9,600,000	**$2,400,000**
Total	All	$17,760,000	$26,840,000	**$9,080,000**
Total	All	$17,760,000	$26,840,000	**$9,080,000**
	Acquisition			**($2,400,000)**
	Fees			**($2,025,000)**
	Prototype			**($640,000)**
	Net Profit			**$4,015,000**

Project Return on Investment

10% ROI	$2,159,500
15% ROI	$3,239.250
20% ROI	$4,319,000

Management and Personnel

LWH Architecture, Lloyd Huber
Christopher Brown - Legal and Management
Audra Tuskes, Design Strategy
Martin Willms - Structural Engineering/Mechanical Engineering
O'Farrell Earthworks - Site Work
Aztech Geothermal - Geothermal Engineering
Lighthouse Solar - Solar Harvesting and Solar Storage
National Renewable Energy Laboratory (NREL)
Stephanie Reese - APA Wood
Patricia Layton - Clemson University
Director of Wood Utilization and Design Institute
Sterling Structural (mass timber supplier)

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Select Citations and Literature

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Offsite Architecture, Ryan E. Smith and John D. Quale, 2017

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New Architecture in Wood, Marc Wilhelm Lennartz and Susanne Jacob-Freitag, 2016

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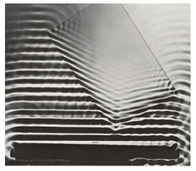
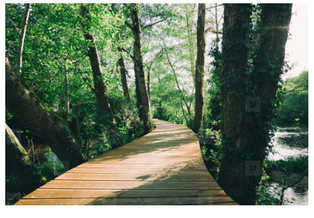
Prefabrication/Modular Home Examples

Tempo Housing
Fortera Homes
Mod CLT
Wigo
Sekisui House
Toyota Home





LOCATION and VICINITY MAP

TOWN OF RED HOOK
VILLAGE OF RED HOOK
WILLOWBROOK LANE
COOKINGHAM LANE
RT 9
US ROUTE 9
NORTH BROADWAY
OLD POST ROAD
ECHO VALLEY ROAD
SAW KILL
VILLAGE OF RED HOOK
TOWN OF RED HOOK
POND
POND
DEED GORE

PROPOSED LOT No. 2A 39.853 ± ACRES
PROPOSED LOT No. 2B 51.290 ± ACRES

LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6272-07-564993 LOT No. 2 FM No. 7753B
LANDS N/F COOKINGHAM TAX GRID No. 134801-6272-07-549960
LANDS N/F SOKOL TAX GRID No. 134801-6272-07-515908
LANDS N/F MAFFEI TAX GRID No. 134801-6272-06-478903
LANDS N/F MUELLER TAX GRID No. 134801-6272-06-490889
LANDS N/F PEARSALL TAX GRID No. 134801-6272-06-497898
LANDS N/F ROSS TAX GRID No. 134801-6272-07-549818
LANDS N/F LINEHAN TAX GRID No. 134801-6272-07-575803
LANDS N/F TUCKER
LANDS N/F BRANGAITIS TAX GRID No. 134801-6272-07-635795
LANDS N/F VILLAGE OF RED HOOK TAX GRID No. 134801-6272-07-635795
LANDS N/F DV & MF DEVELOPERS LLC TAX GRID No. 134889-6272-00-727773
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134889-6272-00-795956
LANDS N/F COOKINGHAM TAX GRID No. 134889-6272-00-758974
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6272-07-645828
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6272-07-680330
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6272-07-620835
LANDS N/F SCHULTZ TAX GRID No. 134889-6272-00-735847
LANDS N/F OBRIZOK TAX GRID No. 134889-6272-00-771889
LANDS N/F BOBA TAX GRID No. 134889-6272-00-764873
LANDS N/F LOUIE TAX GRID No. 134889-6272-00-761857
LANDS N/F CAVANAUGH TAX GRID No. 134889-6272-00-756837
LANDS N/F SOFOKLES TAX GRID No. 134889-6272-00-754822
LANDS N/F MARSDEN TAX GRID No. 134889-6272-00-751808
LANDS N/F DRIER TAX GRID No. 134889-6272-00-750792
LANDS N/F MURRAY TAX GRID No. 134889-6272-00-795909
LANDS N/F DALEY TAX GRID No. 134889-6272-00-835928
LANDS N/F REICHMAN TAX GRID No. 134889-6272-00-865940
LANDS N/F DOLEN TAX GRID No. 134889-6272-00-850934
LANDS N/F HAZENBUSH TAX GRID No. 134889-6272-00-820920
LANDS N/F COX TAX GRID No. 134889-6272-00-887948
LANDS N/F TOTTEN TAX GRID No. 134889-6272-00-920962
LANDS N/F ROBERTSON FARM LLC TAX GRID No. 134889-6273-00-901207
LANDS N/F KOERBER TAX GRID No. 134889-6273-00-904047
LANDS N/F GENDRON TAX GRID No. 134889-6273-00-850047
LANDS N/F FELL TAX GRID No. 134889-6273-00-775037
LANDS N/F COHEN & FELL LLC TAX GRID No. 134889-6273-00-746060
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134889-6272-00-795956
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6273-19-717029
LANDS N/F MAC DONALD TAX GRID No. 134889-6373-00-008117
LANDS N/F VAN LEUVAN TAX GRID No. 134889-6273-00-817010
LANDS N/F FERGUSON TAX GRID No. 134889-6273-00-639048
LANDS N/F LINE TAX GRID No. 134801-6273-19-638028 134889-6273-00-634037 134889-6273-00-626046
LANDS N/F RABBETT TAX GRID No. 134801-6273-19-632025 134889-6273-00-628034
LANDS N/F CATUZZA TAX GRID No. 134801-6273-19-623021 134889-6273-00-620031
LANDS N/F HAGADORN TAX GRID No. 134801-6273-19-916920
LANDS N/F ROGERS TAX GRID No. 134801-6273-19-817009
LANDS N/F BLEIBTREY TAX GRID No. 134801-6272-07-595995
LANDS N/F McCARTEN TAX GRID No. 134801-6272-07-591991
LANDS N/F MOGELNICKI TAX GRID No. 134901-6272-07-582984
LANDS N/F COOKINGHAM TAX GRID No. 134801-6273-19-710026
LANDS N/F COOKINGHAM TAX GRID No. 134889-6273-00-688039
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134889-6273-00-674039

N 83°19'47" E 161.20'
N 88°36'01" E 963.10'
N 88°36'01" E 464.66'
N 70°03'22" W 273.50'
N 70°03'22" E 676.81'
S 42°26'44" W 262.34'
S 43°48'17" E 56.95'
N 44°27'52" E 54.96'
S 70°03'22" E 656.87'
S 68°03'22" E 205.90'
S 51°28'27" E 344.49'
N 68°03'22" W 162.69'
N 51°28'22" W 157.44'
S 68°03'22" E 188.58'
S 51°28'22" E 128.14'
N 85°21'40" E 144.00'
N 77°46'40" E 640.90'
N 78°06'40" E 468.40'
N 78°06'40" E 115.00'
S 89°18'20" E 85.80'
S 11°38'44" E 394.51'
S 64°38'03" W 173.92'
S 64°17'06" W 235.85'
S 64°34'15" W 185.51'
S 64°47'54" W 549.67'
S 64°21'24" W 349.87'
S 64°46'08" W
S 64°30'18" W 42.52'
S 7°46'41" E 160.40'
S 41°11'41" W 205.00'
S 61°06'41" W 112.20'
S 49°26'41" W 171.80'
S 78°20'43" W 42.17'
S 41°05'40" W 174.11'
S 84°51'05" W 248.98'
S 15°13'45" W 244.85'
S 0°10'33" E 345.14'
N 0°10'33" W 364.80'
N 0°10'33" W 501.20'
S 0°10'33" E 1564.58'
S 15°35'45" W 215.69'
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S 83°15'20" E 27.40'
S 7°10'29" E 60.36'
S 83°26'27" E 314.00'
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N 83°27'22" W 181.92'
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S 73°22'07" W 64.68'
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S 64°07'07" W 151.92'
N 73°52'07" E 69.48'
N 77°07'30" W 174.99'
N 77°10'50" W 164.44'
N 68°40'35" W 107.32'
N 69°30'00" W 178.03'
N 58°42'10" W 126.07'
N 2°36'40" E 449.08'
S 6°49'07" W 40.72'
N 83°10'53" W 150.00'
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N 79°22'33" W 397.68'
N 79°37'53" W 406.82'
N 79°45'34" W 171.80'
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N 68°27'59" W 63.78'
N 47°18'27" W 409.76'
S 46°53'38" E 185.67'
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S 42°44'40" W 86.18'
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THIS PLAN DOES NOT CONSITUTE A REALTY SUBDIVISION AS DEFINED BY ARTICLE XI, TITLE II, SECTION 115 OF THE PUBLIC HEALTH LAW OF THE STATE OF NEW YORK, AND ARTICLE XI OF THE DUTCHESS COUNTY SANITARY CODE.

PERMISSION IS HEREBY GRANTED FOR THE FILING OF THIS MAP WITH THE CLERK DUTCHESS COUNTY. APPROVAL FOR ARRANGEMENTS FOR WATER SUPPLY AND/ SEWAGE DISPOSAL IS NEITHER SOUGHT NOR GRANTED

2022-JU

AUTHORIZED REPRESENTATIVE OF THE COMMISSIONER OF HEALTH

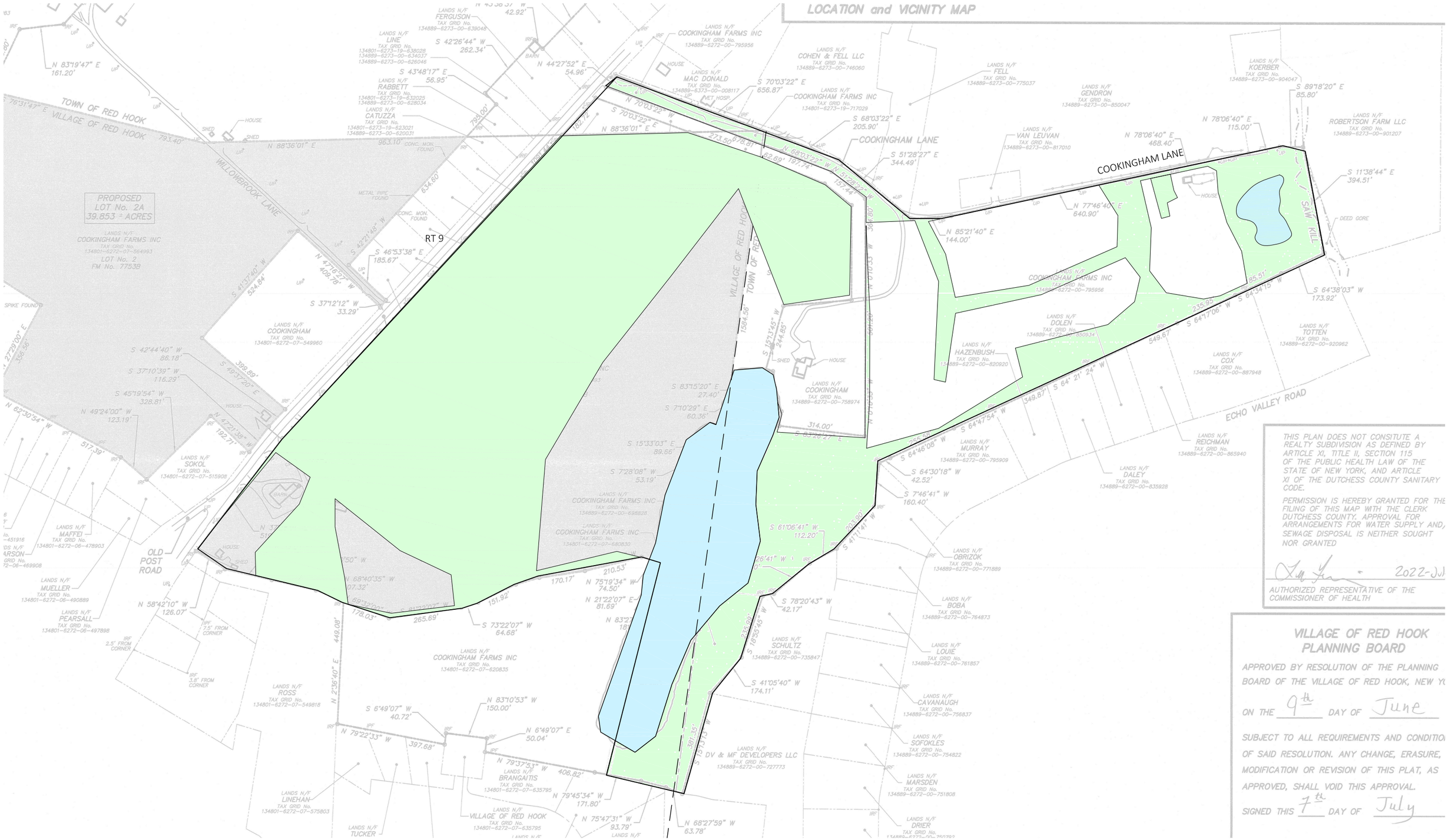
VILLAGE OF RED HOOK PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE VILLAGE OF RED HOOK, NEW YO

ON THE 9th DAY OF June

SUBJECT TO ALL REQUIREMENTS AND CONDITIO OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAT, AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS 7th DAY OF July


LOCATION and VICINITY MAP
PROPOSED LOT No. 2A 39.853 ± ACRES
RT 9
COOKINGHAM LANE
WILLOWBROOK LANE
OLD POST ROAD
ECHO VALLEY ROAD
SAW KILL
TOWN OF RED HOOK
VILLAGE OF RED HOOK
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134889-6272-00-795956
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6272-07-564993 LOT No. 2 FM No. 7753B
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134889-6272-00-795974
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134889-6272-00-688828
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6272-07-680830
LANDS N/F COOKINGHAM FARMS INC TAX GRID No. 134801-6272-07-620835
LANDS N/F COOKINGHAM TAX GRID No. 134801-6272-07-549960
LANDS N/F FERGUSON TAX GRID No. 134889-6273-00-639048
LANDS N/F LINE TAX GRID No. 134801-6273-19-638028 134889-6273-00-634037 134889-6273-00-626046
LANDS N/F RABBETT TAX GRID No. 134801-6273-19-632025 134889-6273-00-628034
LANDS N/F CATUZZA TAX GRID No. 134801-6273-19-623021 134889-6273-00-620031
LANDS N/F MAC DONALD TAX GRID No. 134889-6373-00-008117 NET HOSP.
LANDS N/F COHEN & FELL LLC TAX GRID No. 134889-6273-00-746060
LANDS N/F FELL TAX GRID No. 134889-6273-00-775037
LANDS N/F GENDRON TAX GRID No. 134889-6273-00-850047
LANDS N/F VAN LEUVAN TAX GRID No. 134889-6273-00-817010
LANDS N/F KOERBER TAX GRID No. 134889-6273-00-904047
LANDS N/F ROBERTSON FARM LLC TAX GRID No. 134889-6273-00-901207
LANDS N/F DOLEN TAX GRID No. 134889-6272-00-850934
LANDS N/F HAZENBUSH TAX GRID No. 134889-6272-00-820920
LANDS N/F COX TAX GRID No. 134889-6272-00-887948
LANDS N/F TOTTEN TAX GRID No. 134889-6272-00-920962
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LANDS N/F MURRAY TAX GRID No. 134889-6272-00-795909
LANDS N/F OBRIZOK TAX GRID No. 134889-6272-00-771889
LANDS N/F BOBA TAX GRID No. 134889-6272-00-764873
LANDS N/F LOUIE TAX GRID No. 134889-6272-00-761857
LANDS N/F CAVANAUGH TAX GRID No. 134889-6272-00-756837
LANDS N/F SOFOKLES TAX GRID No. 134889-6272-00-754822
LANDS N/F MARSDEN TAX GRID No. 134889-6272-00-751808
LANDS N/F DRIER TAX GRID No. 134889-6272-00-740792
LANDS N/F SCHULTZ TAX GRID No. 134889-6272-00-735847
LANDS N/F DV & MF DEVELOPERS LLC TAX GRID No. 134889-6272-00-727773
LANDS N/F SOKOL TAX GRID No. 134801-6272-07-515908
LANDS N/F MAFFEI TAX GRID No. 134801-6272-06-478903
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LANDS N/F PEARSALL TAX GRID No. 134801-6272-06-497898
LANDS N/F ROSS TAX GRID No. 134801-6272-07-549818
LANDS N/F LINEHAN TAX GRID No. 134801-6272-07-575803
LANDS N/F TUCKER
LANDS N/F VILLAGE OF RED HOOK TAX GRID No. 134801-6272-07-635795
LANDS N/F BRANGAITIS TAX GRID No. 134801-6272-07-635795
N 83°19'47" E 161.20'
N 88°36'01" E 963.10'
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S 18°55'45" W 225.00'
S 15°51'45" W 581.35'
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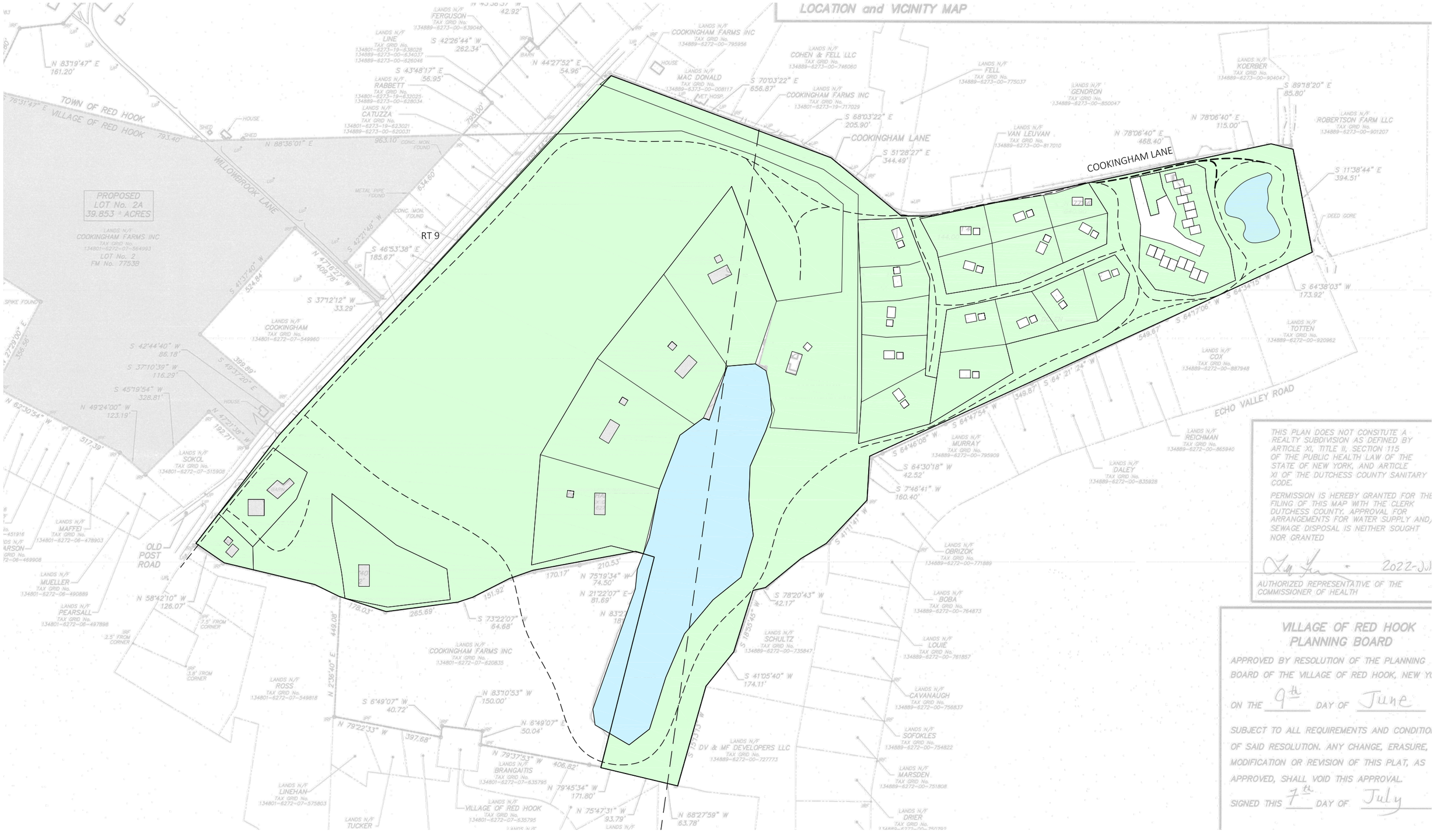
N 42°21'48" W 634.60'
N 42°27'00" E 356.56'
N

LWH ARCHITECTURE 7616NB | 12-22-22 | GREEN SPACE



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2022-JU

AUTHORIZED REPRESENTATIVE OF THE COMMISSIONER OF HEALTH

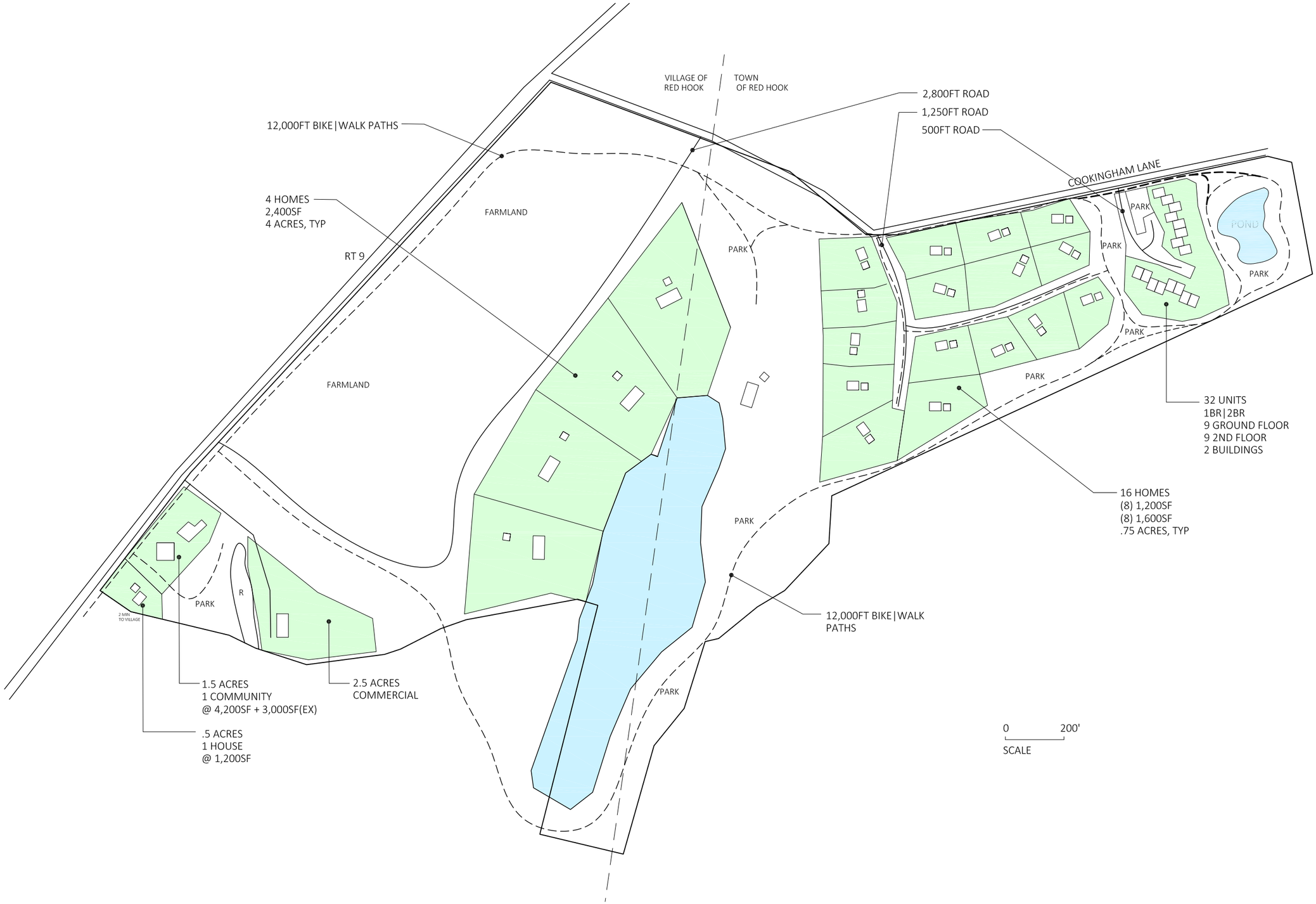
VILLAGE OF RED HOOK PLANNING BOARD

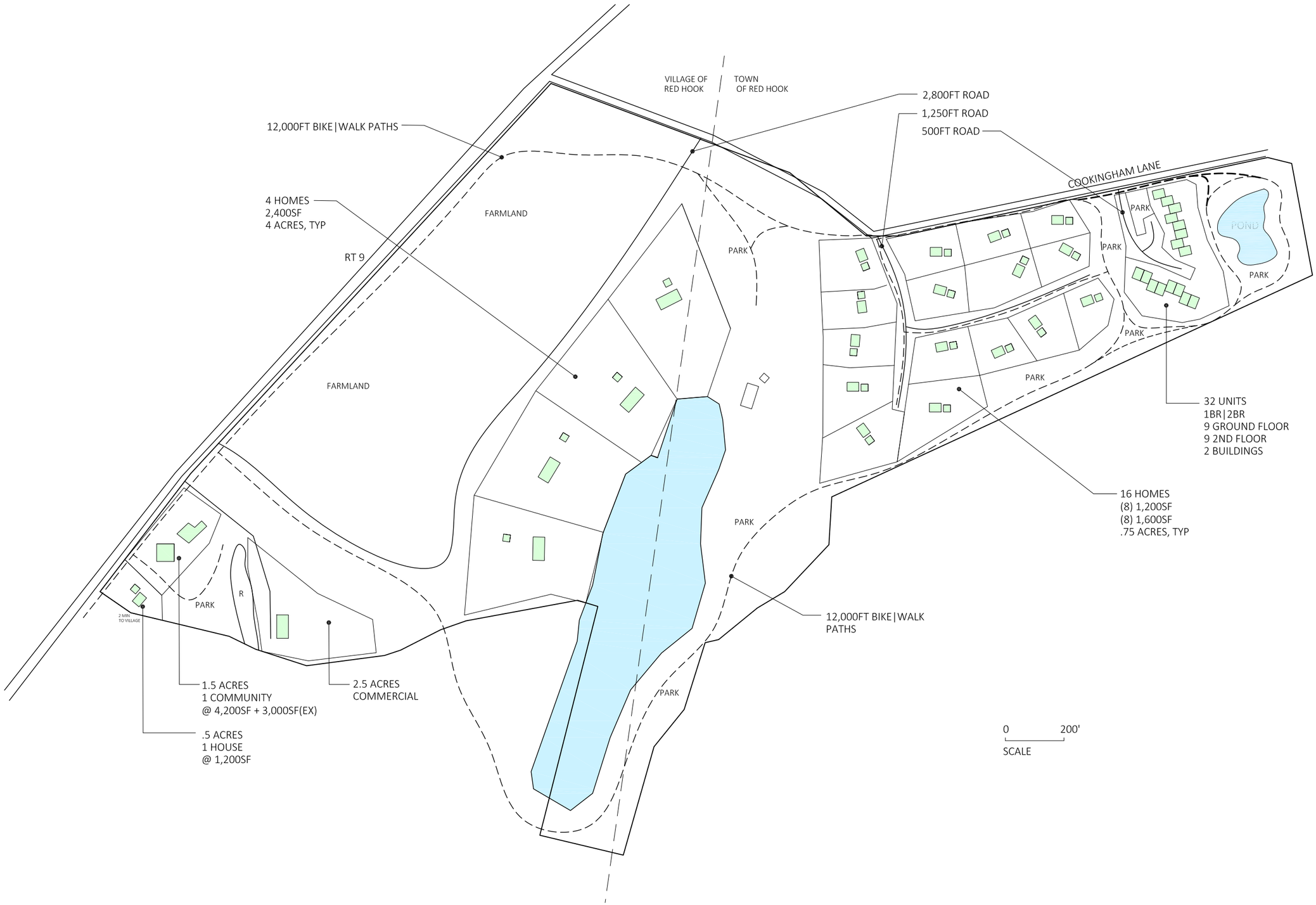
APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE VILLAGE OF RED HOOK, NEW YO

ON THE 9th DAY OF June

SUBJECT TO ALL REQUIREMENTS AND CONDITIO OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAT, AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS 7th DAY OF July


VILLAGE OF RED HOOK
TOWN OF RED HOOK
12,000FT BIKE|WALK PATHS
2,800FT ROAD
1,250FT ROAD
500FT ROAD
COOKINGHAM LANE
4 HOMES
2,400SF
4 ACRES, TYP
RT 9
FARMLAND
FARMLAND
PARK
PARK
PARK
PARK
PARK
PARK
POND
PARK
PARK
32 UNITS
1BR|2BR
9 GROUND FLOOR
9 2ND FLOOR
2 BUILDINGS
16 HOMES
(8) 1,200SF
(8) 1,600SF
.75 ACRES, TYP
12,000FT BIKE|WALK PATHS
PARK
PARK
R
2 MIN TO VILLAGE
1.5 ACRES
1 COMMUNITY
@ 4,200SF + 3,000SF(EX)
2.5 ACRES
COMMERCIAL
.5 ACRES
1 HOUSE
@ 1,200SF
0
200'
SCALE


VILLAGE OF RED HOOK
TOWN OF RED HOOK
2,800FT ROAD
1,250FT ROAD
500FT ROAD
12,000FT BIKE|WALK PATHS
4 HOMES
2,400SF
4 ACRES, TYP
FARMLAND
RT 9
PARK
COOKINGHAM LANE
POND
32 UNITS
1BR|2BR
9 GROUND FLOOR
9 2ND FLOOR
2 BUILDINGS
16 HOMES
(8) 1,200SF
(8) 1,600SF
.75 ACRES, TYP
12,000FT BIKE|WALK PATHS
2 MIN TO VILLAGE
1.5 ACRES
1 COMMUNITY
@ 4,200SF + 3,000SF(EX)
2.5 ACRES
COMMERCIAL
.5 ACRES
1 HOUSE
@ 1,200SF
0
200'
SCALE