

General Project Information 14,886 SF of land

MR1 Zone

By-Right development: 2-Family House

Proposed development: 3-Family House

Sustainability Features - HERS Level 1

Smaller Building Envelope/Larger Setbacks

- 25 feet setbacks (vs. 7.5 ft side and 15 ft rear)
- 25% Lot Coverage (Approx. 745 SF smaller than By-Right)
- Smaller Building Envelope than By-Right
- FAR Comparable to By-Right (0.50 max by right/0.56 proposed approx. 745 sf.)

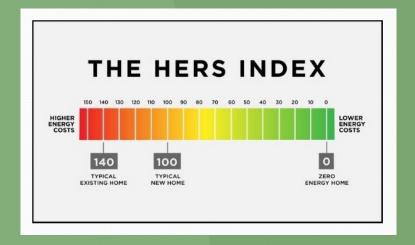
By-Right / Proposed Compared

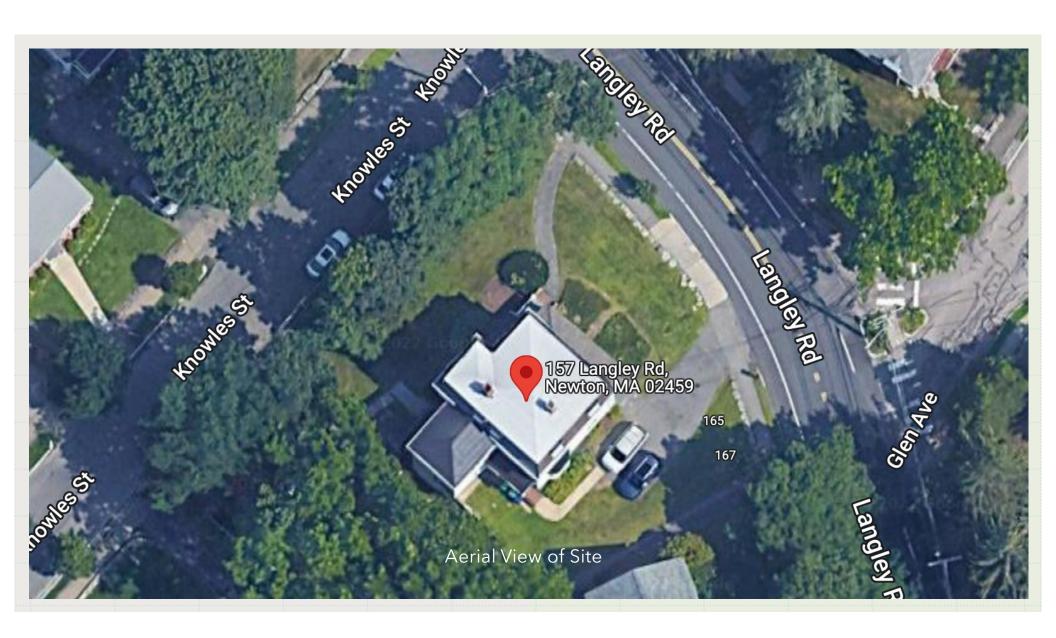
	By Right	Proposed	
Front Setback	25 feet or average	29.6 feet (Langley) 25.7 feet (Knowles)	
Side Setback	7.5 feet	25.4 feet	
Rear Setback	15 feet	25.3 feet	
Lot Coverage	30%	24.8%	
Open Space	50%	53.07%	
FAR	0.50 (with bonus)	0.56	
Height	36 feet	35.01 feet	
Units and Sized	Two Units @ 3,721.50 SF each unit + basement and 3 cars parking	Three Units @ 2,761 SF each unit + basement and 2 parking spaces	

Sustainability Features

- All Electric HVAC, hot water heaters, and mechanical systems and Energy Star appliances
- Commitment to Home Energy Rating System (HERS) Level 1 Eligibility = 45 HERS Index or lower
- No Fossil fuels
- Pre-wiring for EV charging stations in garages
- Use of LED lighting, High Efficiency Air Circulation Systems, Thermal insulated windows, doors, and foam insulation
- Thermal and Acoustical Insulation between Units
- Liora Silkes Reviewed Project is above standard



















ZON	ING LI	EGEND		
ZONING DISTRICT: MULTI-RESIDENCE 1 (LOT CREATED BEFORE 12/07/1953)				
	REQUIRED	PROPOSED		
MIN. AREA	7,000 S.F	14,886 S.F.± (MEASURED)		
MIN. FRONTAGE	70"	273.39'		
MN, YARD FRONT (LANGLEY)	25'	29.6		
MN, YARD FRONT (KNOWLES SIDE REAR	25'	25.7		
	25'*	25.4		
	25"*	25.3		
MAX. LOT COV.	25%	24.9%		
MIN. OPEN SPACE	50%	51%		
MAX. BLDG. HEIGHT	36'	33.93'±		

COMMING A DOCUMENT

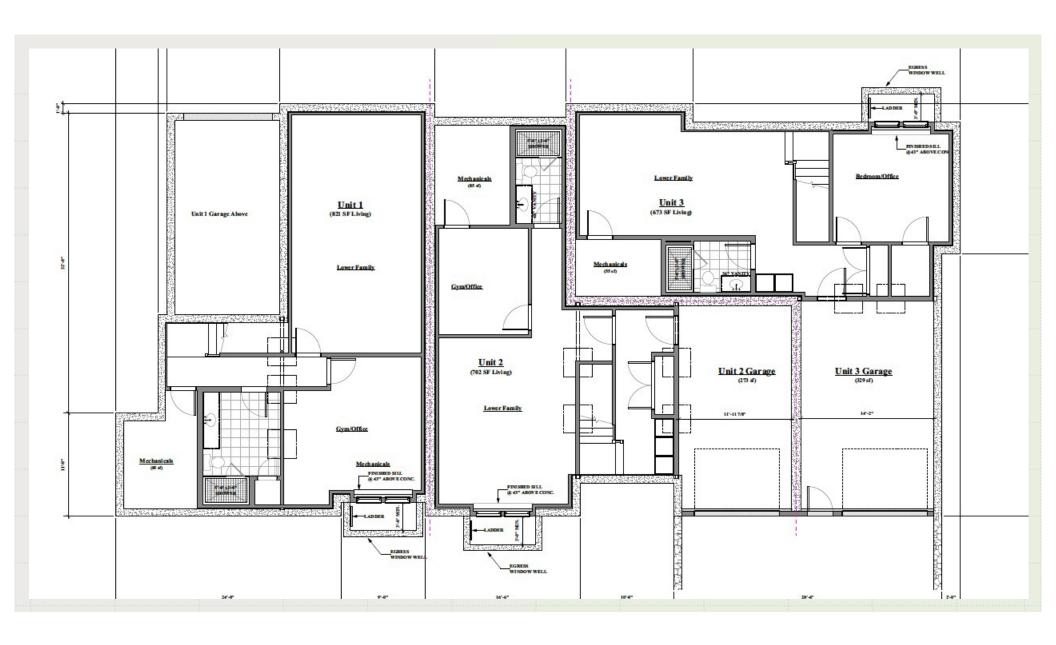
REQUIRED BY SPECIAL PERMIT

	EXISTING
HOUSE	1,515.25 53
DRIVEWAY	1,834.92 57
PORCH/ LANDING/ STEPS	590.18 S.F
MAJOREY	399.58 S.F
TOTAL	4,339.93 57

IS AREA	PROPOSED IMPERVIOUS AREA		
EXISTING		PROPOSED	
1,515.25 S.F	HOUSE	3,721.57 5.F	
1,834.92 S.F	DRIVEWAY	3,184.12 S.F	
590.18 S.F	PORCH/ LANGING/ STEPS	390.39 S.F	
399.58 S.F	BALKBAY/ PATO	1,131.89 S.F	
4,339.93 S.F	TOTAL	8,427,97 S.F	

EXEMINO IMPERVIOUS AREA = 4,336.93 SF PRICHOSED IMPERVIOUS AREA = 8,427.97 SF 8,427.97 SF - 4,338.93 = 4,088.04 SF WHICH IS BIOGER THAN 4% (=595.44 SF) OF LOT (14,886 SF) WHICH IS BIOCER THAN 400 SF WHICH IS BIOCER THAN 400 SF

EXISTING S.M.H. RM=184.50 NV=175.23 FG = 177.6 102.0 N/F 165 167 LANGLEY RD LLC (4) 3 PROPERTY ID 65020 0001 FG = 179.5 179.3 AVERAGE GRADE PLANE AVERAGE GRADE PLANE (ALL UNITS IN FEET) SEGMENT LEGNTH POINT 1 POINT 2 MEAN 1 & 2 MEAN x LENGTH 1 58.00 179.30 176.50 177.90 10,318.20 30.00 172.70 172.70 172.70 5,181.00 18.00 172.80 173.60 173.20 3,117.60 ROAD 4 24.00 177.60 177.60 177.60 4,262.40 APRIL LOCATION OF 8" WATER LINE PROPOSED #157 PROPOSED 28.50 177.60 179.50 178.55 5,088.68 6 56.00 179.50 182.00 180.75 10,122.00 WOOD FRAMED 7 32.00 182.00 179.90 180.95 RESIDENTIAL DWELLING 5.790.40 8 11.00 179.80 179.50 179.65 1,976.15 F.F.=182.50 T.O.F=181.20 LANGLEY (PUBLIC W) SUM = 257.50 45.856.43 MEAN x LENGTH/ SUM OF LENGTHS = AVERAGE GRADE 178.08 AVERAGE GRADE CALCULATION N/F NELSON AARON P CATCH BASIN RM=178.16 PROPOSED RET. WALL PROPOSED DRIVEWAY EXISTING RET. WALL TO BE REPLACED EXISTING PART OF STONE 140.00' N 44"06"06" I OVERHEAD ELECTRIC LINE OVERHEAD ELECTRIC LINE KNOWLES STREET CATCH BASIN RM-173.48 APRIL LOCATION OF GAS LINE SS" SEMER LINE SS 8" SEWER LINE SS 8" SEWER LINE SS APRK LOCATION OF 6" WATER LINE APRIL LOCATION OF 6" WATER LINE APRIL LOCATION OF 6" WATER LINE APRX. LOCATION OF SEMER LINE CONNECTION CATCH BASIN 1. INFORMATION SHOWN ON THIS PLAN IS THE RESULT OF A FIELD SURVEY PERFORMED BY PETER NOLAN & ASSOCIATES LLC AS OF 06/06/2021. PROPOSED ROOF PEAK ELEV.=212.04± 2. DEED REFERENCE: BOOK 15136, PAGE 295
PLAN REFERENCE: PLAN BOOK 6426, PAGE 201
MIDDLESEX COUNTY SOUTH DISTRICT REGISTRY OF DEEDS SCALE







Q&A

