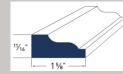


- TOP CASING: CAP OVER CROWN MOLDING W/ MITERED RETURN

SIDE CASING: WD SHINGLE MOULD APPLIED OVER 5/4x5-1/2" WD FLAT TRIM



SHUTTERS:
18" WIDE CUSTOM RAISED PANEL
GREEN TO MATCH EXISTING

NAME SIDING DETAILS

DESCRIPTION: TRIMS, CASINGS & SHUTTERS

SIZE: TO MATCH EXISTING

TYPE/SERIES/MODEL: WOOD

COLOR: WHITE TO MATCH EXISTING

MANUFACTURER: CUSTOM



NAME BUILDING ENVELOPE

DESCRIPTION: SIDING

SIZE: 8" TO MATCH EXISTING

TYPE/SERIES/MODEL: CEDAR SHAKES TO MATCH EXISTING IN DETAIL & LAYOUT

COLOR: YELLOW TO MATCH EXISTING

MANUFACTURER: CUSTOM



NAME BALCONY RAILING

DESCRIPTION: COMPOSITE SIZE: 6" POSTS

TYPE/SERIES/MODEL: CLASSIC SERIES [PREMIER CAP, BALUSTERS, 5X5 CAP]

COLOR: WHITE

MANUFACTURER: TIMBERTECH



NAME BALCONY FLOORING

DESCRIPTION: COMPOSITE DECK BOARD

SIZE: 5-1/2" X 1"

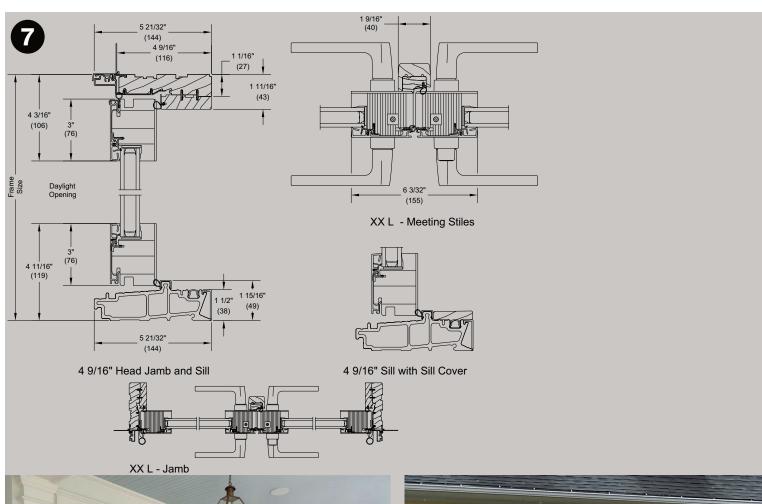
TYPE/SERIES/MODEL: ADVANCE LANDMARK COLLECTION

COLOR: FRENCH OAK
MANUFACTURER: TIMBERTECH

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7







**EXTERIOR DOORS [FULL SPEC ATTACHED]** NAME

**DESCRIPTION: OUTSWING DOUBLE DOOR** 

SIZE: **PER DWGS** 

TYPE/SERIES/MODEL: ULTIMATE [LAYOUT TO MATCH EXISTING - SEE REF PHOTO]

**COLOR:** WHITE EXTERIOR & INTERIOR

**MANUFACTURER: MARVIN** 







NAME **WINDOWS [FULL SPEC ATTACHED]** 

**DESCRIPTION:** REPLACEMENT AWNING SIZE: TO MATCH EXISTING

TYPE/SERIES/MODEL: **ULTIMATE [LAYOUT TO MATCH EXISTING - SEE REF PHOTO]** 

**COLOR:** WHITE EXTERIOR & INTERIOR

**MANUFACTURER: MARVIN** 







**WINDOWS [FULL SPEC ATTACHED]** NAME

**DESCRIPTION: AWNING & DBL HUNG** SIZE: TO MATCH EXISTING

TYPE/SERIES/MODEL: **ULTIMATE [LAYOUT TO MATCH EXISTING - SEE REF PHOTO]** 

**COLOR:** WHITE EXTERIOR & INTERIOR

MANUFACTURER: **MARVIN** 

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**Exterior Doors & Windows** 

# [PROPOSED SOLARIUM TO HAVE STRAIGHT EAVES, NOT CURVED]





ALL STRUCTURAL ALUMINUM CONFORMS TO THE MINIMUM REQUIREMENTS OF 6005-T5 FOR ALLOY AND TEMPER. EXCEPT AS NOTED BELOW:

GREAT ROOM 12 RIDGE BEAM. .6005-T5 CORNER COLUMN. ..6063-T6 H-COLUMN. ..6063-T6

. ALL STRUCTURAL ALUMINUM WORK CONFORMS TO "PART I-A - SPECIFICATIONS FOR ALUMINUM STRUCTURES -ALLOWABLE STRESS DESIGN" OR "PART I-B - SPECIFICATIONS FOR ALUMINUM STRUCTURES - BUILDING LOAD AND RESISTANCE FACTOR DESIGN" OF THE ALUMINUM ASSOCIATION, INC. SEVENTH EDITION, EFFECTIVE JANUARY 2000.

3. IN ALL INSTANCES WHERE ALUMINUM COMES INTO CONTACT WITH STEEL, PROVIDE DIELETRIC SEPERATION. 1. ALL EXPOSED ALUMINIUM RECEIVES ONE COAT OF PAINT. COLOR TO IS COORDINATED WITH MODEL AVAILABILITY.

ALL LAG BOLTS SHALL CONFORM TO ASTM A36.

ALL LAG BOLTS SHALL HAVE A MINIMUM EMBEDMENT OF 8x BOLT DIAMETER INTO STRUCTURAL FRAMING (G=.45 MIN.) LAG BOLTS AND SCREWS INTO WOOD FRAMING SHALL BE PROVIDED WITH PILOT HOLES HAVING A DIAMETER NOT GREATER. THAN 70 PERCENT OF THE THREAD DIAMETER OF THE BOLT OR SCREW. ALL LAG BOLTS AND SCREWS SHALL BE INSERTED IN PILOT HOLES BY TURNING AND UNDER NO CIRCUMSTANCES BY DRIVING WITH A HAMMER.

ALL EXPANSION ANCHORS SHALL BE DESIGNED (BY OTHERS) IN ACCORDANCE WITH THE SPECIFIC MANUFACTURER'S REQUIREMENTS AND ALLOWABLE LOADS AND SHALL ONLY BE APPLIED IN CONDITIONS ACCEPTABLE TO MANUFACTURER.

. ALL FASTENERS CONNECTING ALUMIMUM COMPONENTS ARE STAINLESS STEEL TYPE 300 18-8 UNLESS OTHERWISE NOTED

GLASS UNITS CONSISTS OF TWO PANES OF 1/8" THICK TEMPERED GLASS WITH A 5/8" STAINLESS STEEL SPACER BETWEEN PANES WITH AN ARGON FILL.

GLASS CONFORMS TO ASTM E1300.

ALL MC-16 CLEAR ARGON ROOF GLASS HAS THE FOLLOWING MINIMUM PROPERTIES:

VISIBILITY TRANSMITTANCE = 16% SOLAR TRANSMITTANCE = 10% ULTRAVIOLET TRANSMITANCE = 7% VISIBLE OUTSIDE REFLECTIVITY = 11%

VISIBLE INSIDE REFLECTIVITY = 25% SHADING COEFFICIENT = .18 SOLAR HEAT GAIN COEFFICIENT = .15 RELATIVE HEAT GAIN = 39 ASHRAE WINTER U VALUE = .25

ASHRAE WINTER R VALUE = 4.0 ALL CODE 7E CLEAR ARGON WALL GLASS HAS THE FOLLOWING MINIMUM PROPERTIES:

VISIBILITY TRANSMITTANCE = 65% SOLAR TRANSMITTANCE = 25% ULTRAVIOLET TRANSMITANCE = 5% VISIBLE OUTSIDE REFLECTIVITY = 1.1% VISIBLE INSIDE REFLECTIVITY = 12% SHADING COEFFICIENT = .31 SOLAR HEAT GAIN COEFFICIENT = .27 RELATIVE HEAT GAIN = 65 BTU'S / HR ASHRAE WINTER U VALUE = .25 ASHRAE WINTER R VALUE = 4.0

<u>G. SEALANT</u>

I. ALL SEALANT CONFORMS TO TT-5-001543-A, TT-5-002306, ASTM C-920 TYPE 5,

H. GASKETS

I. ALL GASKETS ARE CO-EXTRUDED AND ARE NON-MIGRATORY.

# I. ROOM SPECIFICS

REFERENCE STANDARDS: ASTM E 119 ASTM E 1300

a) WALL GLASS CODE 7E, R-VALUE; 4.0, ROOF GLASS CODE 78, R-VALUE; 4.0

FASTENER SCHEDULE FOR SYSTEM 4E TO EXISTING STRUCTURES & FOUNDATIONS NO./SPACING FASTENERS COMPONENT (MIN.) @ EACH COLUMN 3/8" ø GLAZING BAR 2 (MIN.) 2 IN TOP 6" (3" APART) WALL COLUMN

## J. DEFLECTION CRITERIA

1. ALL MEMBERS MEET OR EXCEEDS THE FOLLOWING MINIMUM DEFLECTION LIMITS:

ь. GLASS: L/175

ALL STRUCTURAL MEMBERS HAVE BEEN DESIGNED FOR FULL DEAD LOADS \$ LIVE LOADS IN ACCORDANCE WITH THE 2009 INTERNATIONAL BUILDING CODE ¢ RESIDENTIAL CODE:

I. IMPORTANCE FACTORS: WIND (Iw) = I.O SNOW (Is) = 1.0SEISMIC (le) = 1.0

2. ROOF LOAD: SEE ENGINEERING CHARTS OR JOB SPECIFIC CALCULATION COVER SHEET.

3. WIND LOAD: SEE ENGINEERING CHARTS OR JOB SPECIFIC CALCULATION COVER SHEET.

4. SEISMIC DESIGN CRITERIA: DI

5. 2009 IBC:

BASIC STRUCTURAL SYSTEM: BUILDING FRAME SYSTEM - LIGHT FRAMED WALLS

w/ SHEAR PANELS (OTHER MATERIAL) RESPONSE MODIFICATION FACTOR R = 2.5SEISMIC FORCE AMPLIFICATION FACTOR = 2.5 DEFLECTION AMPLIFICATION FACTOR Cd = 2.5BUILDING HEIGHT LIMIT, FEET H = 65'





NAME **SOLARIUM STRUCTURE** 

**DESCRIPTION: ALUMINUM & GLASS** 

SIZE: TO MATCH EXISTING FOOTPRINT

TYPE/SERIES/MODEL: STRAIGHT EAVE

COLOR: WHITE

MANUFACTURER: **FOUR SEASONS** 

**SCONCE [SPEC ATTACHED]** NAME

**DESCRIPTION:** LIGHT FIXTURE

SIZE: 9"W x 8.75"D x 18.75"H

TYPE/SERIES/MODEL: MANOR OUTDOOR GLASS & IRON SCONCE

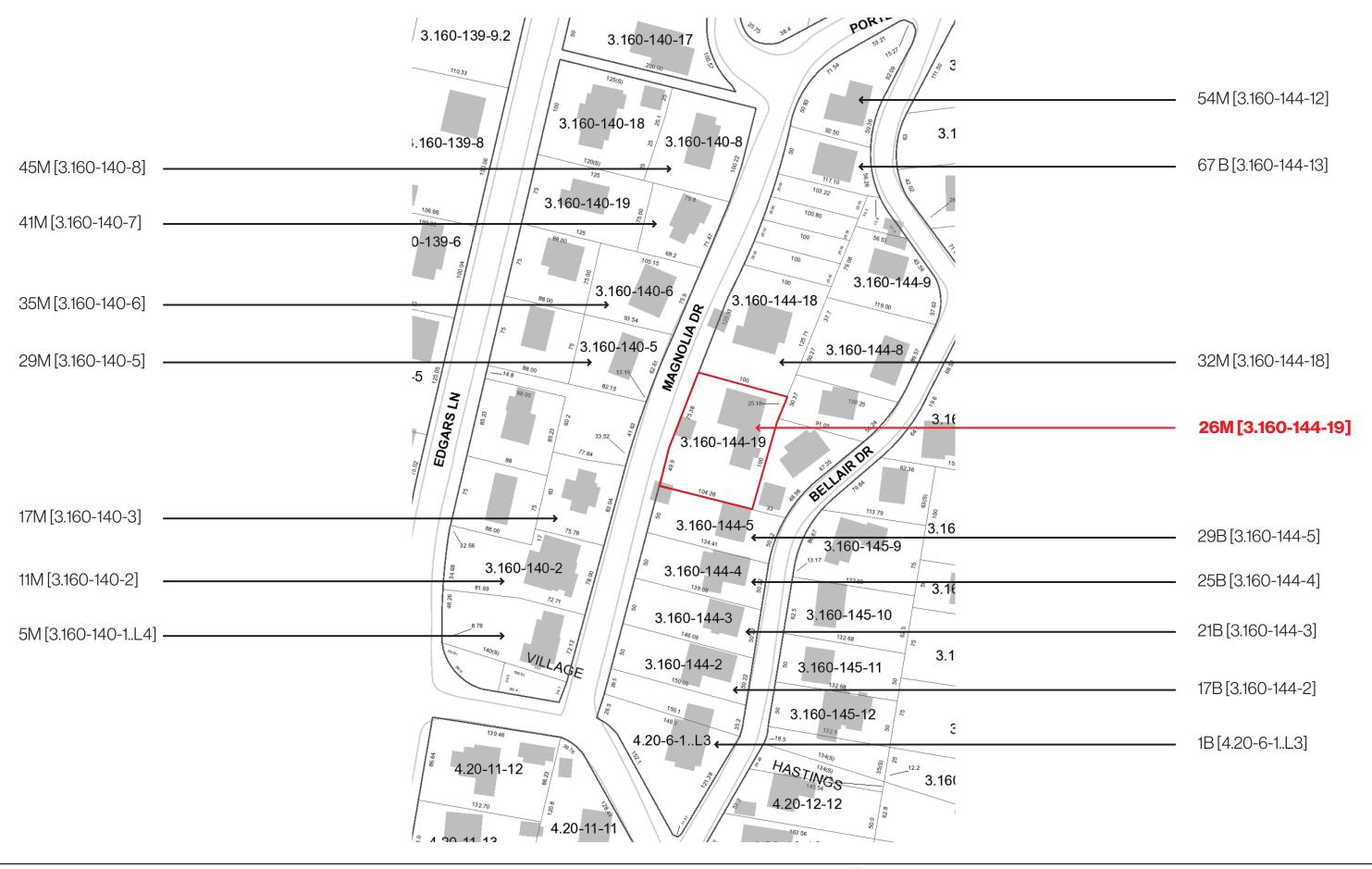
**COLOR: BRONZE** 

**POTTERY BARN MANUFACTURER:** 

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**Solarium Specs** 



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32 MAGNOLIA DRIVE



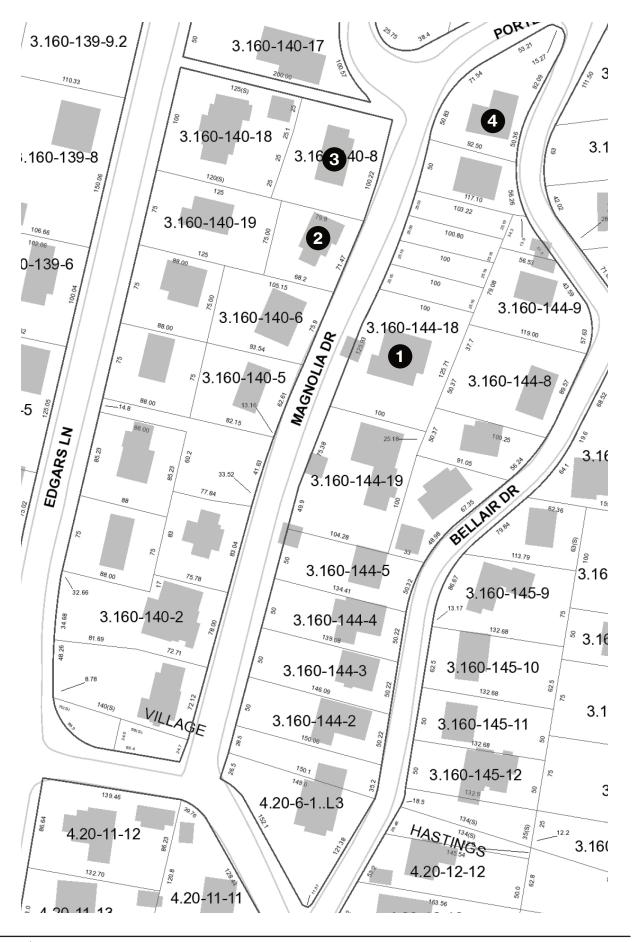
45 MAGNOLIA DRIVE

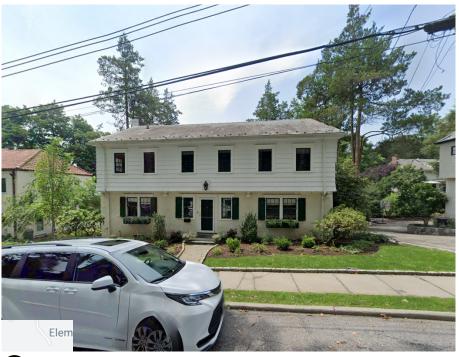


2 41 MAGNOLIA DRIVE



4 54 MAGNOLIA DRIVE





35 MAGNOLIA DRIVE

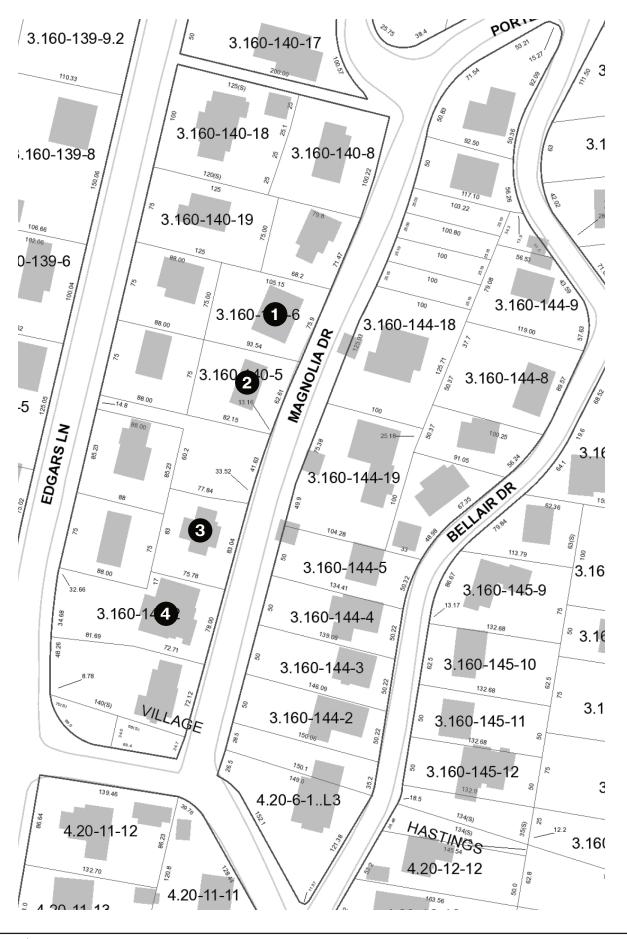
2 29 MAGNOLIA DRIVE





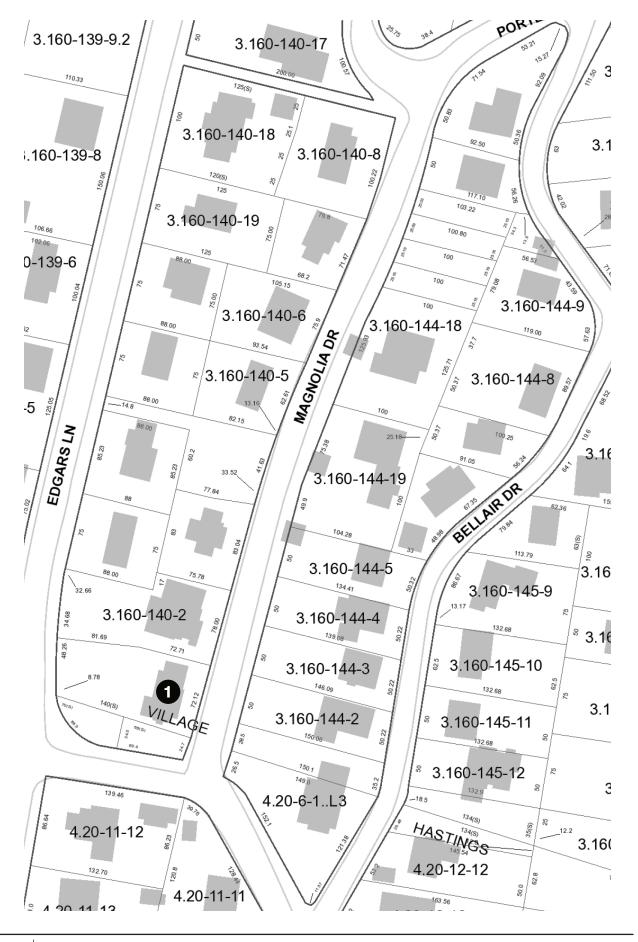
17 MAGNOLIA DRIVE

4 11 MAGNOLIA DRIVE





5 MAGNOLIA DRIVE





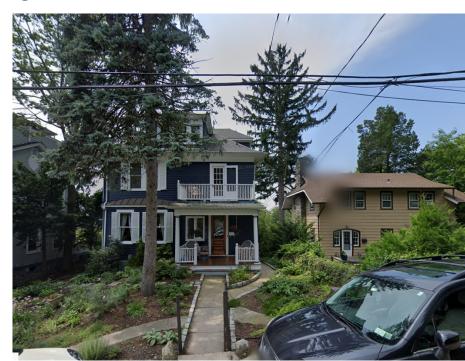
1 BELLAIR DRIVE



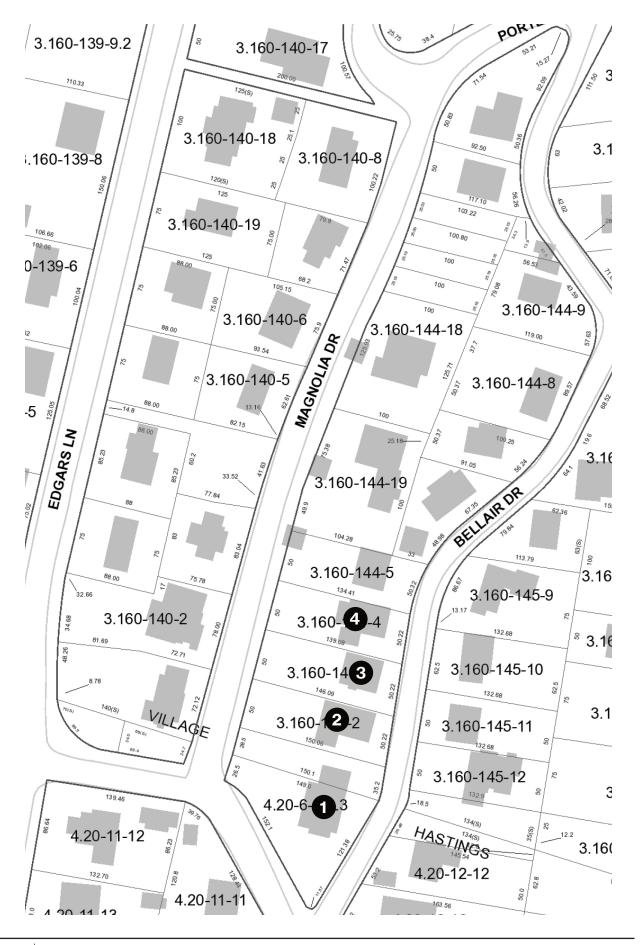
21 BELLAIR DRIVE



2 17 BELLAIR DRIVE



4 25 BELLAIR DRIVE







**2** 67 BELLAIR DRIVE

