



SNOWDON RESIDENCE

2711 BRENTWOOD ROAD
BEXLEY, OHIO 43209

BEXLEY ARCHITECTURAL REVIEW BOARD PACKET
LAST REVISED: OCTOBER 12, 2023

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HOME OWNER: RICK + MARLEE SNOWDON

ARCHITECT: GRA+D ARCHITECTS

CONTRACTOR: DEHLCO CONSTRUCTION

Marlee and Rick Snowdon
326 N Columbia Ave
Bexley, OH 43209

August 3, 2023

City of Bexley
2242 E Main St
Bexley, OH 43209

Dear All,

Please be advised, that my wife, Marlee Snowdon, and I are the owners of the property located at 2711 Brentwood, and we authorize Andrew Rosenthal / GRA+D Architects to act as our representatives throughout the design approval and building permitting process.

Best,


Rick Snowdon



GRA+D ARCHITECTS
221 North 4th Street
Columbus, Ohio 43215
614-228-2122
www.grad.cc

05 September 2023

Architectural Review Board
2242 E Main St
Bexley, Ohio 43209
(614) 559-4200

The structure located at 2711 Brentwood Avenue cannot be determined to be historically nor architecturally significant. The design is typical for the era in which it was built - however it is not architecturally remarkable. Aspects of the design suggest it may have been an adaptation of a floor plan not originally designed for this site. The architect and builder are not known. Based on records solicited from the Bexley Historical Society - it is not known to have been built for nor occupied by individuals of historical significance.

In studying the possibilities for a renovation vs. a new-build we found multiple factors supporting new construction:

- The linear nature of the floorplan and compartmentalization of spaces do not support more contemporary living patterns.
- The Roosevelt façade of the house is particularly ungracious in its relationship to the neighborhood. A combination of factors (the presence of the garage on the lower level here paired with fact that the house is already beyond the allowable setback at this location) make a remedy exceedingly challenging.
- Architecturally the language of the house features low and sloping rooflines – expanding the floorplan would require significant reconstruction of the existing roofs to arrive at a satisfactory solution.
- The split-level floor plan makes the house incompatible with contemporary aspirations to age-in-place. The garage's location on a lower level makes this condition particularly problematic.
- The existing garage does not offer clearance for the parking of contemporary vehicles. The garage being located under living spaces make this challenge significantly more complex to resolve.
- The existing construction is from an era where energy conservation was not a priority – reworking the house to meet contemporary standards, while possible, would be an onerous undertaking yielding less than ideal results.

Our in-house assessment is supported by the attached evaluation provided by Acock Associates Architects. Acock Associates has significant experience doing high-end custom residential design (new-builds and renovations) as well as historic preservation / adaptive reuse projects (including the award-winning renovations to the main library at The Ohio State University).

Andrew Rosenthal, Principal

Page 1 of 1

**ACOCK
ASSOCIATES**
ARCHITECTS

August 31, 2023

Mr. Andrew Rosenthal
GRA+D Architects
221 North 4th Street
Columbus, Ohio 43209

RE: 2711 Brentwood Avenue, Bexley, Ohio 43209

Dear Andrew,

It was a pleasure walking through and around the 2711 Brentwood Residence. I understand the purpose of this letter is to provide my assessment of whether this residence is a contributing structure to the city of Bexley and deserving of a degree of conservancy.

The structure is a two-story split level that fronts Brentwood Road on the north and Roosevelt Avenue on the west. While the Bexley Historical Society has records of the home's original owner, they have no information on the Architect, Designer, or Constructor, or any information of significance on the home itself. Stylistically, I would classify it as derivative of mid-century modernism. From a formalistic perspective, I do not believe it stands out as particularly innovative for either its time or today. There are some nice elements, the north facing clerestory servicing the south facing living room, but the overall composition, the massing of the one- and two-story elements, and the roof lines are unremarkable. The elevations fronting the public streets seem particularly closed down, containing a random composition of the horizontal ribbon and punched windows with high sills. In my opinion, it does nothing to engage the neighborhood, and its disengagement has little aesthetic payoff.

The construction of the home appears to have been well done, and despite its lack of maintenance in several areas, the home is in relatively good shape. However, like its design, I did not encounter any construction that was particularly innovative for its time or today. The cost of preserving the existing exterior finishes, while bringing the home up to today's energy efficiency standards, will far exceed their value.

In summary, it is my opinion that the home is not a contributing structure to the neighborhood or the city and does not warrant any degree of conservancy.

Please feel free to call with any questions.

Best Regards,

Mitchell D. Acock, AIA

383 NORTH FRONT STREET COLUMBUS, OHIO 43215 FAX 614/228-2780 614/228-1586



GRA+D ARCHITECTS
221 North 4th Street
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12 October 2023

Architectural Review Board
2242 E Main St
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Comments from the Board at the September meeting focused on the following items:

Item 1:

The scale of the front porch – lacked a human scale.

Response:

Front porch roof was reworked. Upper roof became secondary, and a new lower roof was added to reduce the scale of the porch and enhance the usability. Entry element was reduced from double height to single. Symmetry of the porch overall was reduced. Also added a low planter/bench wall to help better define the porch and reiterate the scale of human occupancy.

Item 2:

Owner bedroom roof clerestory created by a sloped roof - some board members inquired as to the appropriateness of the sloped roof as it is unique to the house.

Response:

Additional studies were done wherein the volume of this room was instead created by popping up an entire flat section of roof. The resulting volume was more static and the opportunity for additional high windows in the bedroom was deemed to be undesirable in a room primarily intended for sleeping.

Item 3:

Brick – some members had questions about the use of dark brick.

Response:

Additional studies were done to re-examine alternatives. Conclusion was that the dark brick remains the preferred option. Additional documentation has been provided to illustrate the brick is not a “dead black” as would be a typical black clay brick or a painted brick but rather has life to it due to the somewhat iridescent quality of the finish that picks up the ambient light in the sky.

Item 4:

Siding – some members expressed concern about the multiple orientations of the siding on the front of the house.

Response:

Additional study of the wood siding was conducted and ultimately the decision was made to unify it by running it all horizontally. In addition to creating a more unified and visually calmer appearance, the horizontal also again registers the human scale.



SNOWDON RESIDENCE

BEXLEY ARB REVIEW

2711 BRENTWOOD RD | BEXLEY, OH



EXISTING CONDITION PHOTOS

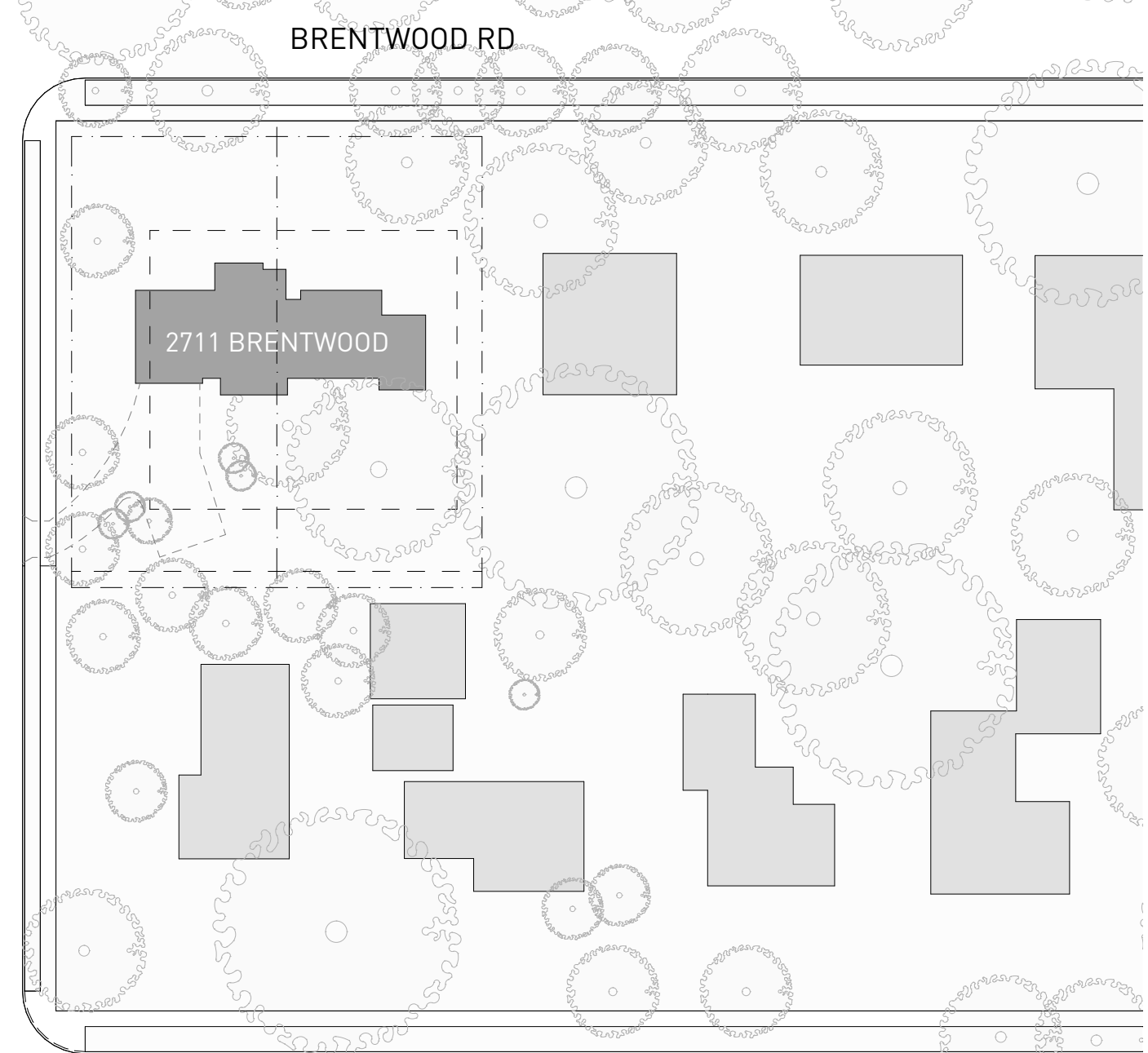
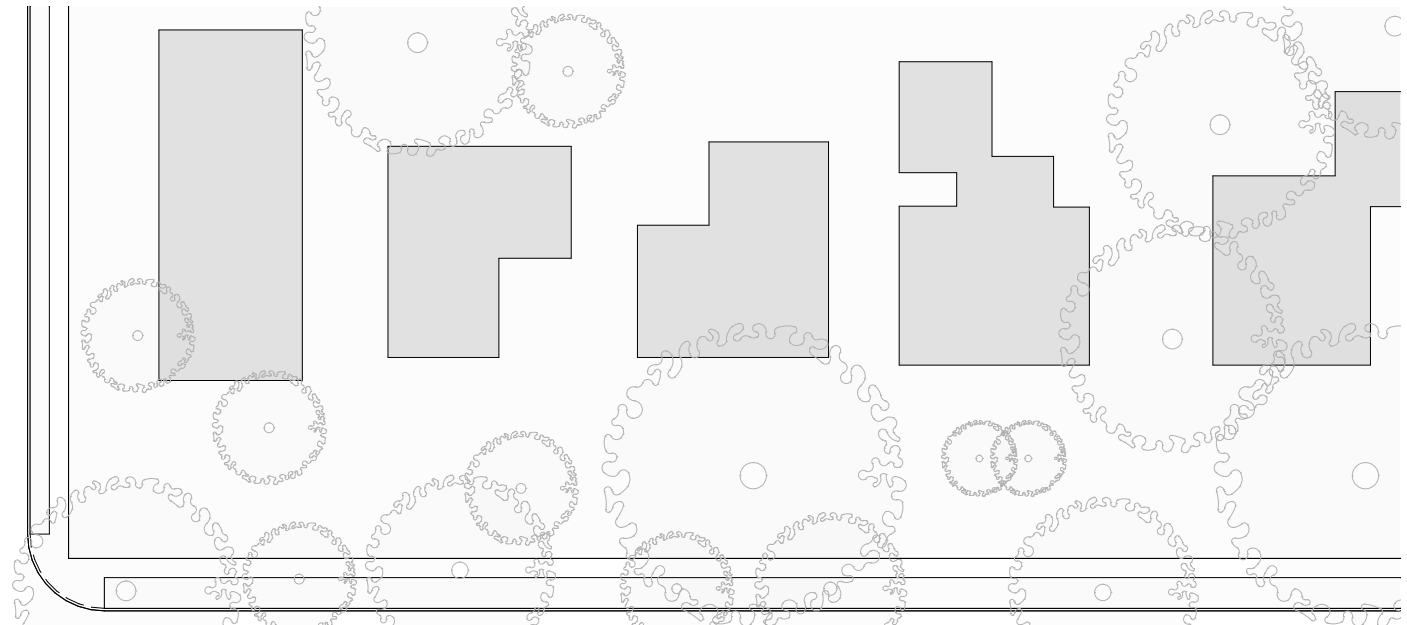
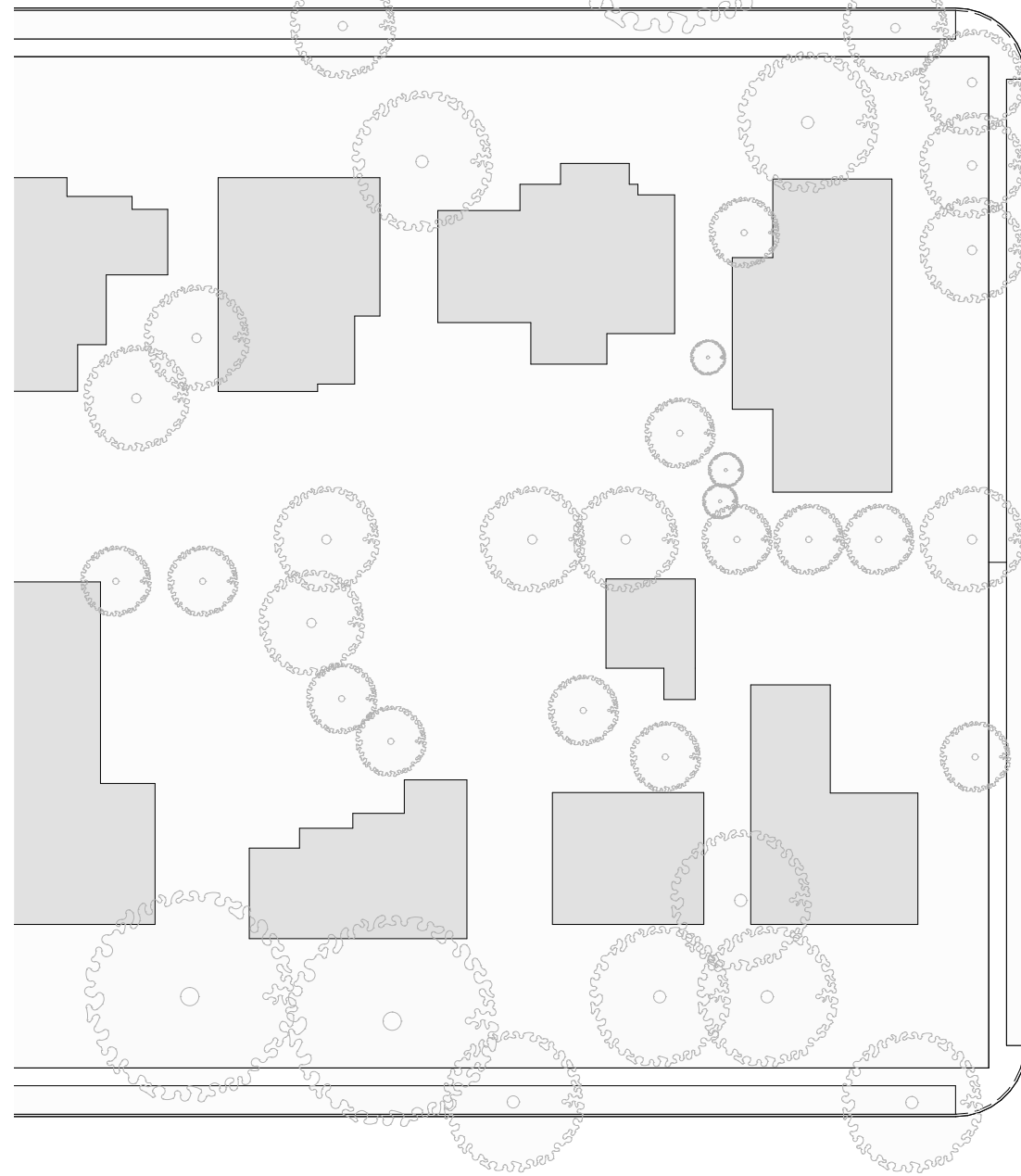
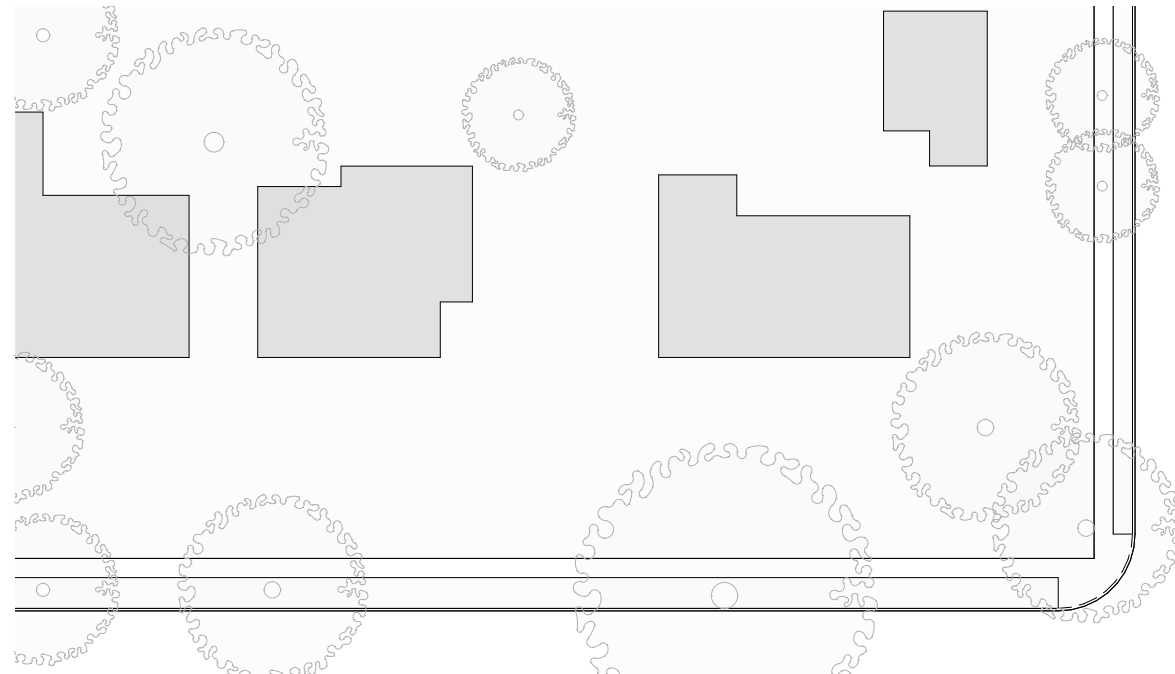
LAST REVISED: SEPTEMBER 14, 2023

B-01





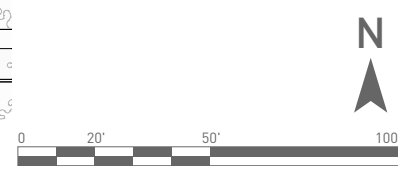


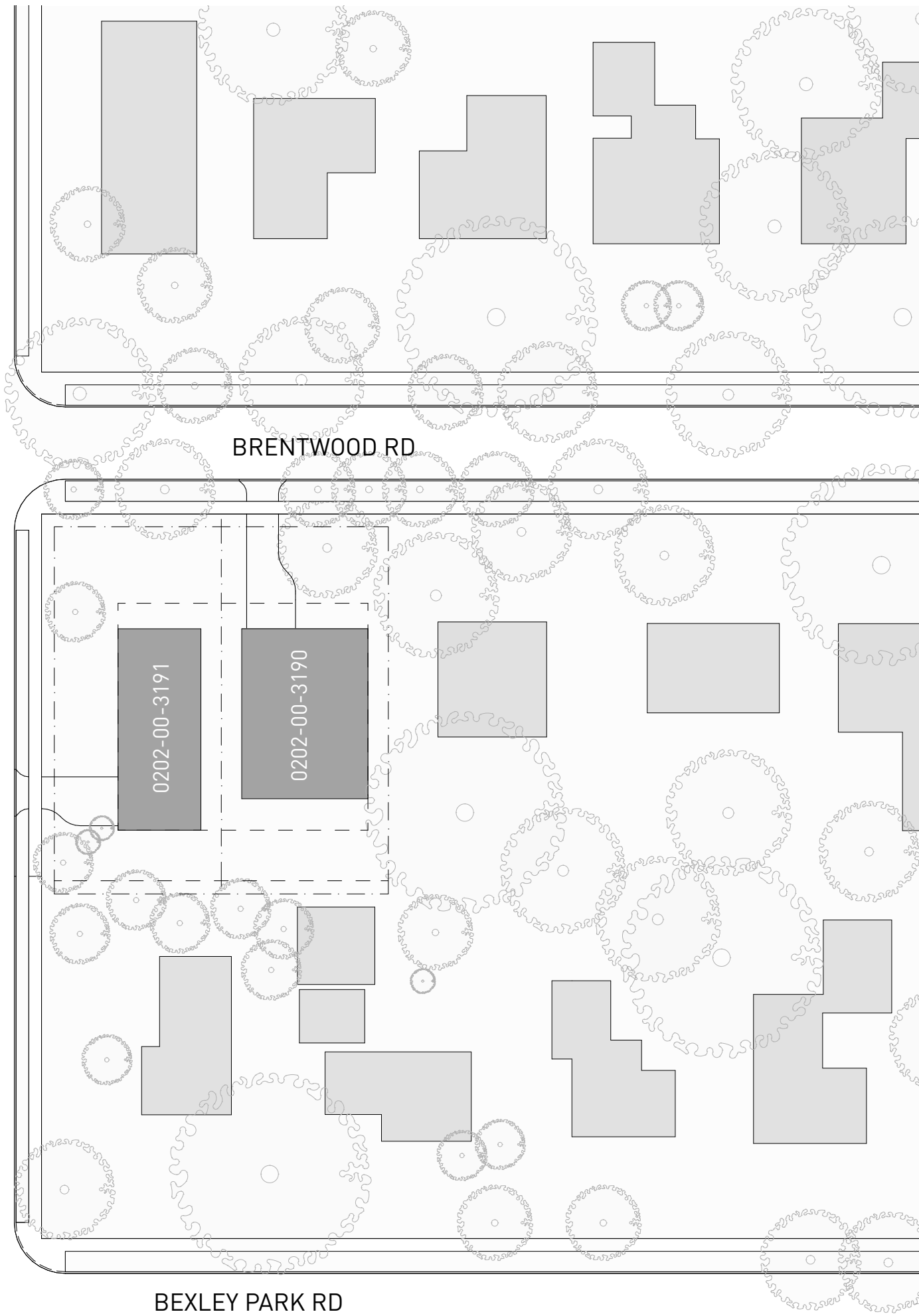
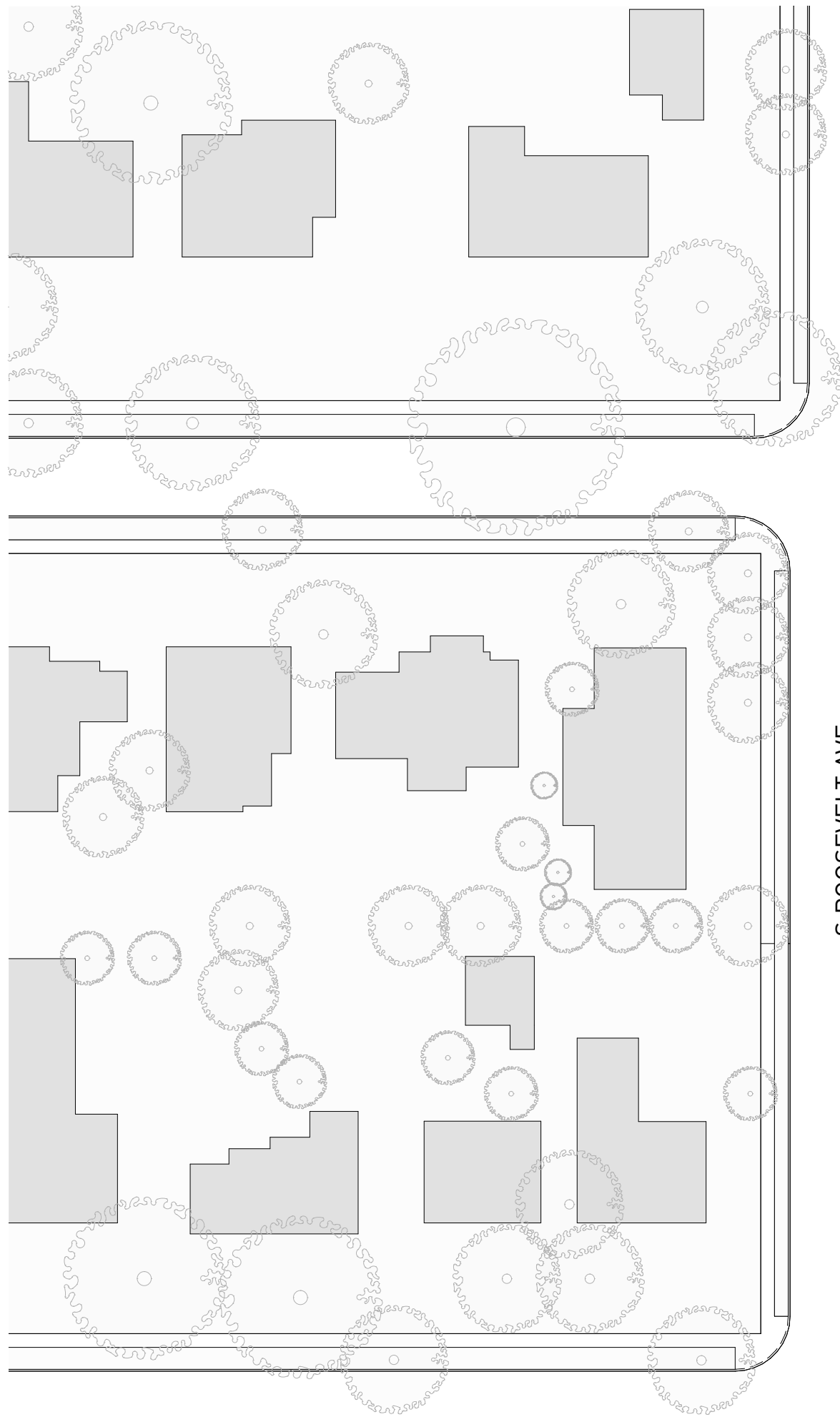


BRENTWOOD RD

S ROOSEVELT AVE

BEXLEY PARK RD



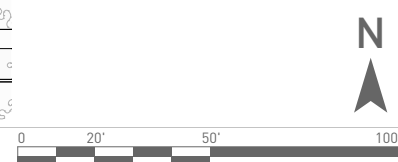


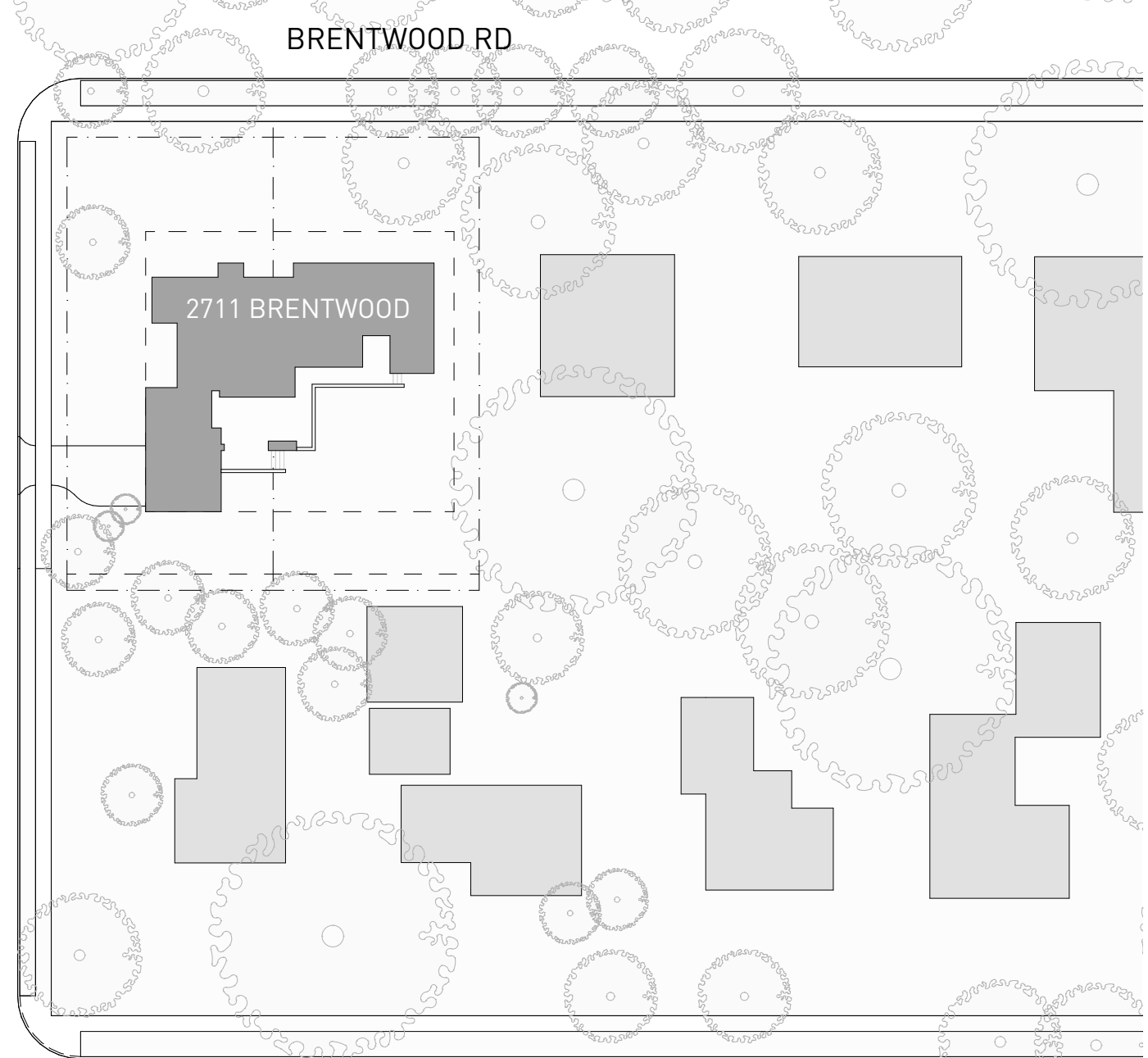
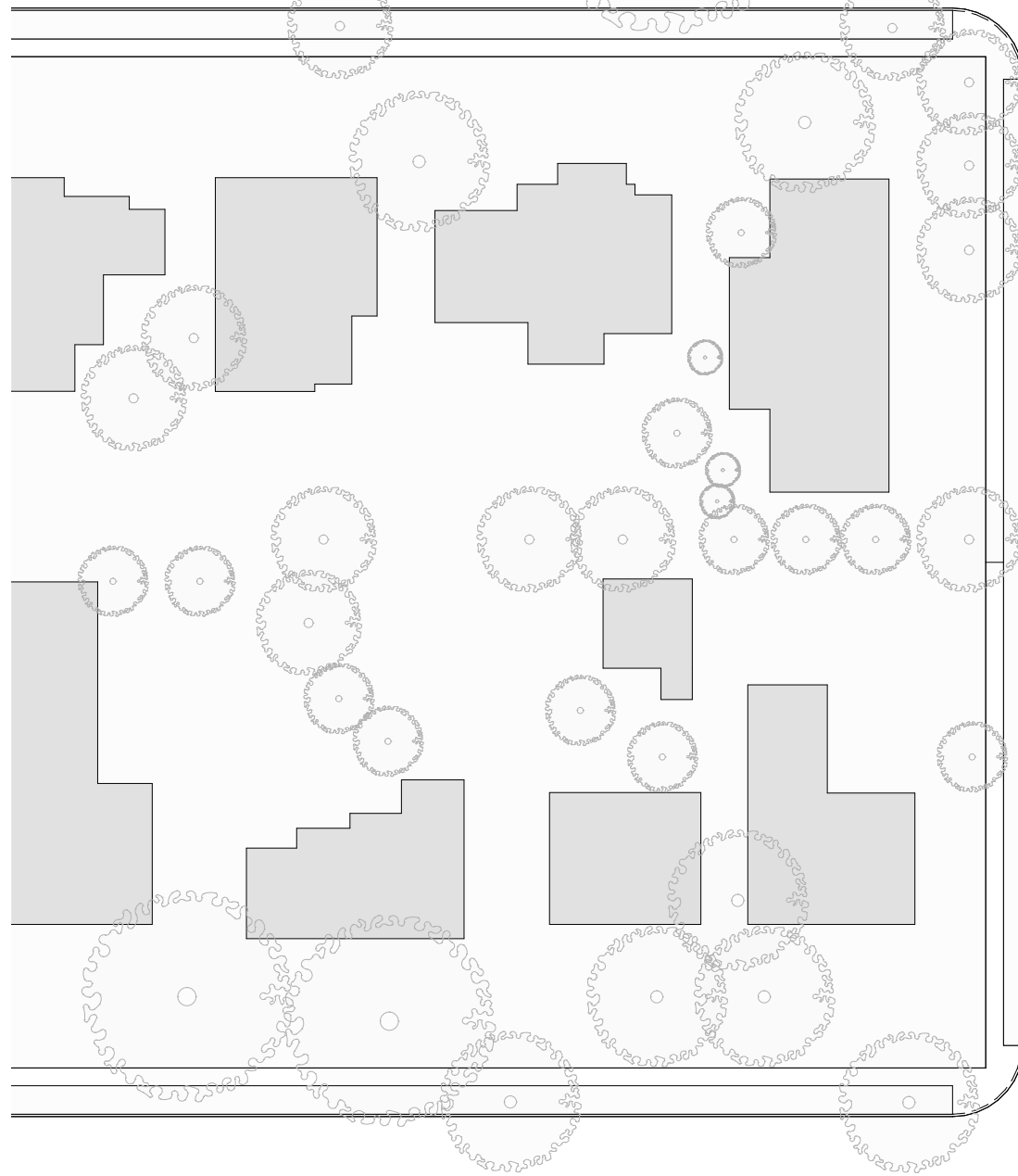
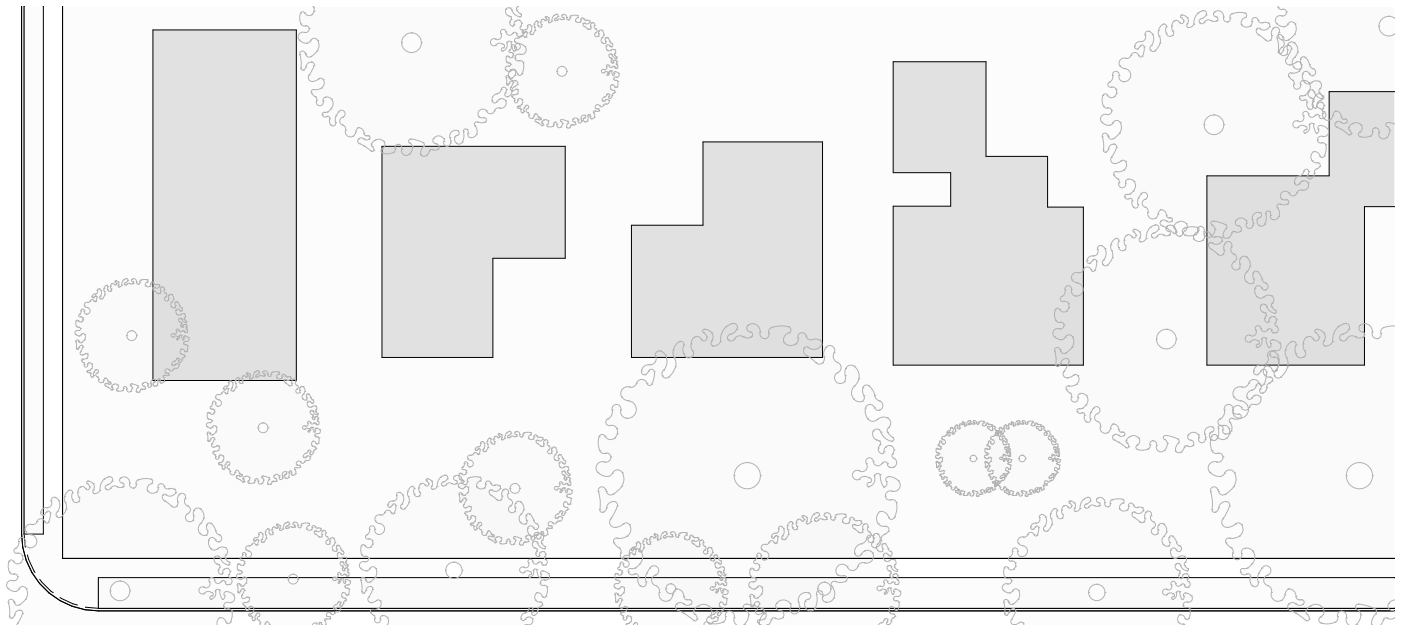
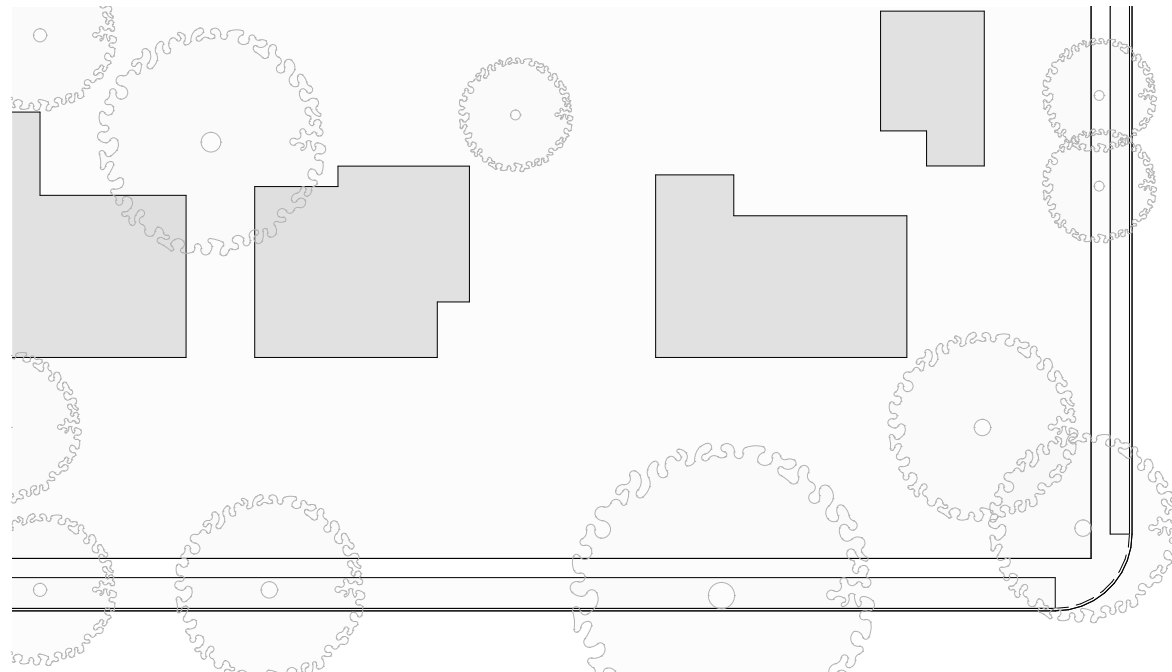
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BRENTWOOD RD

BEXLEY PARK RD

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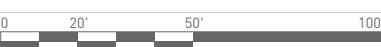


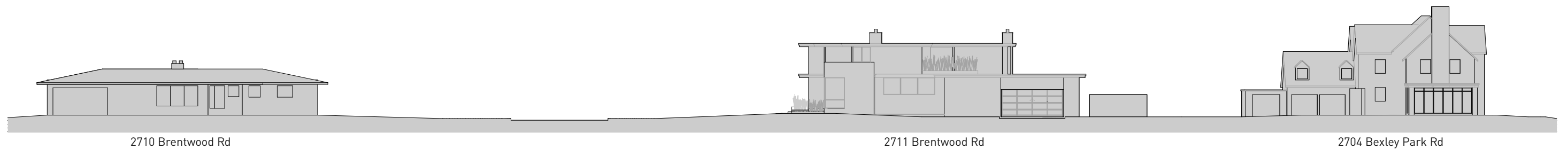
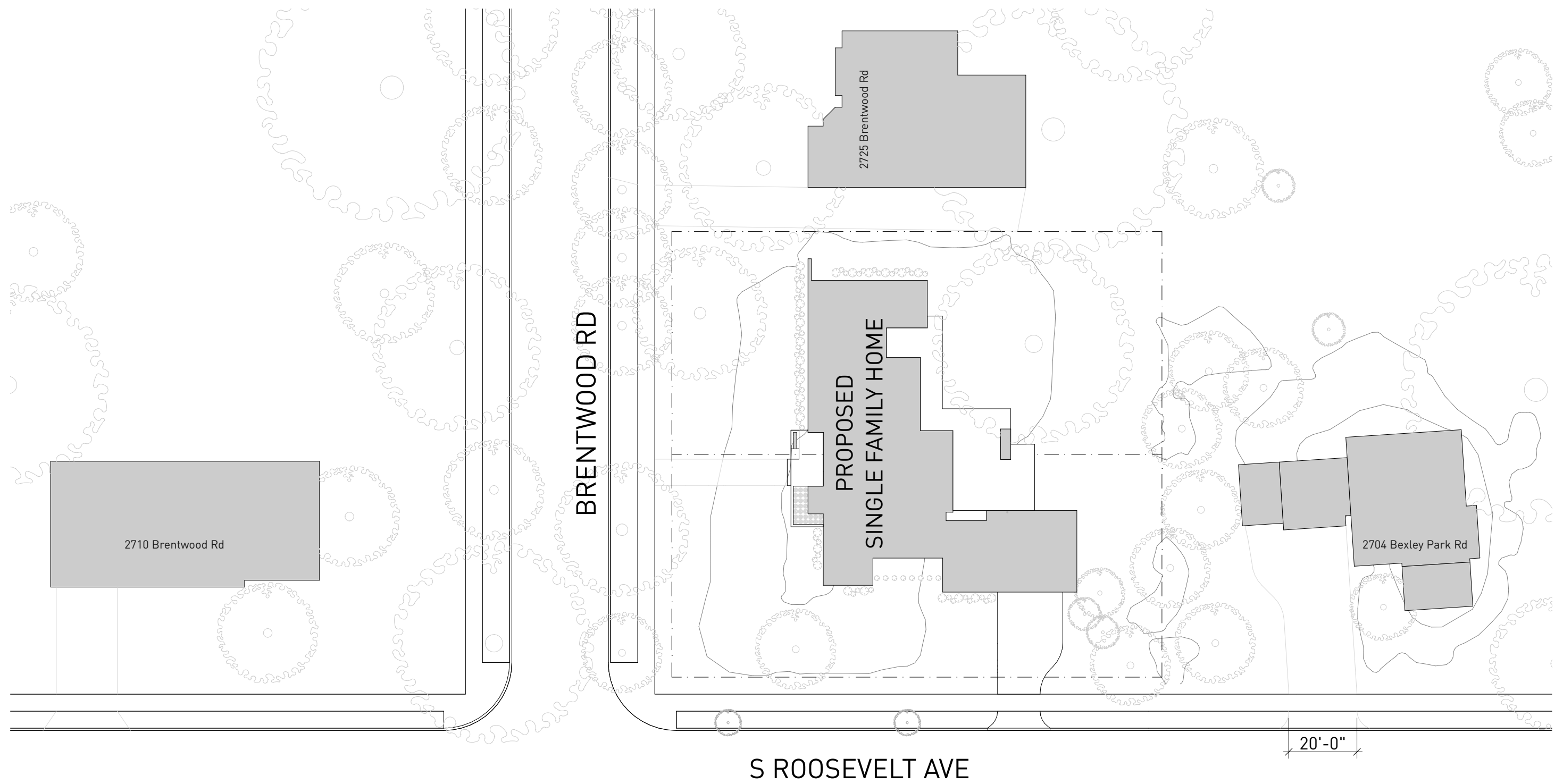
BRENTWOOD RD

S ROOSEVELT AVE

2711 BRENTWOOD

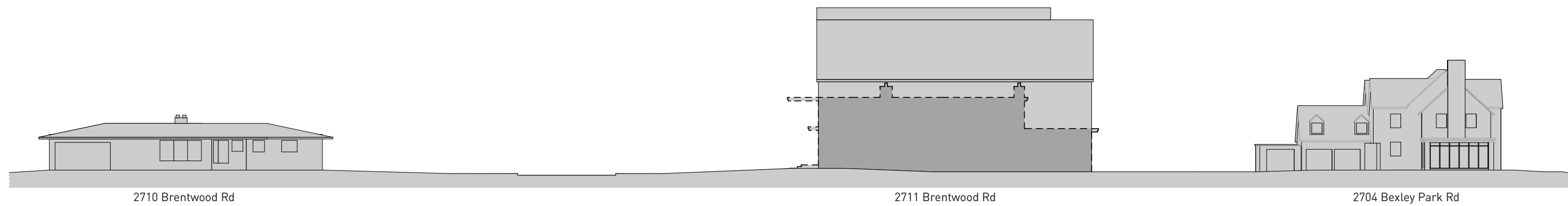
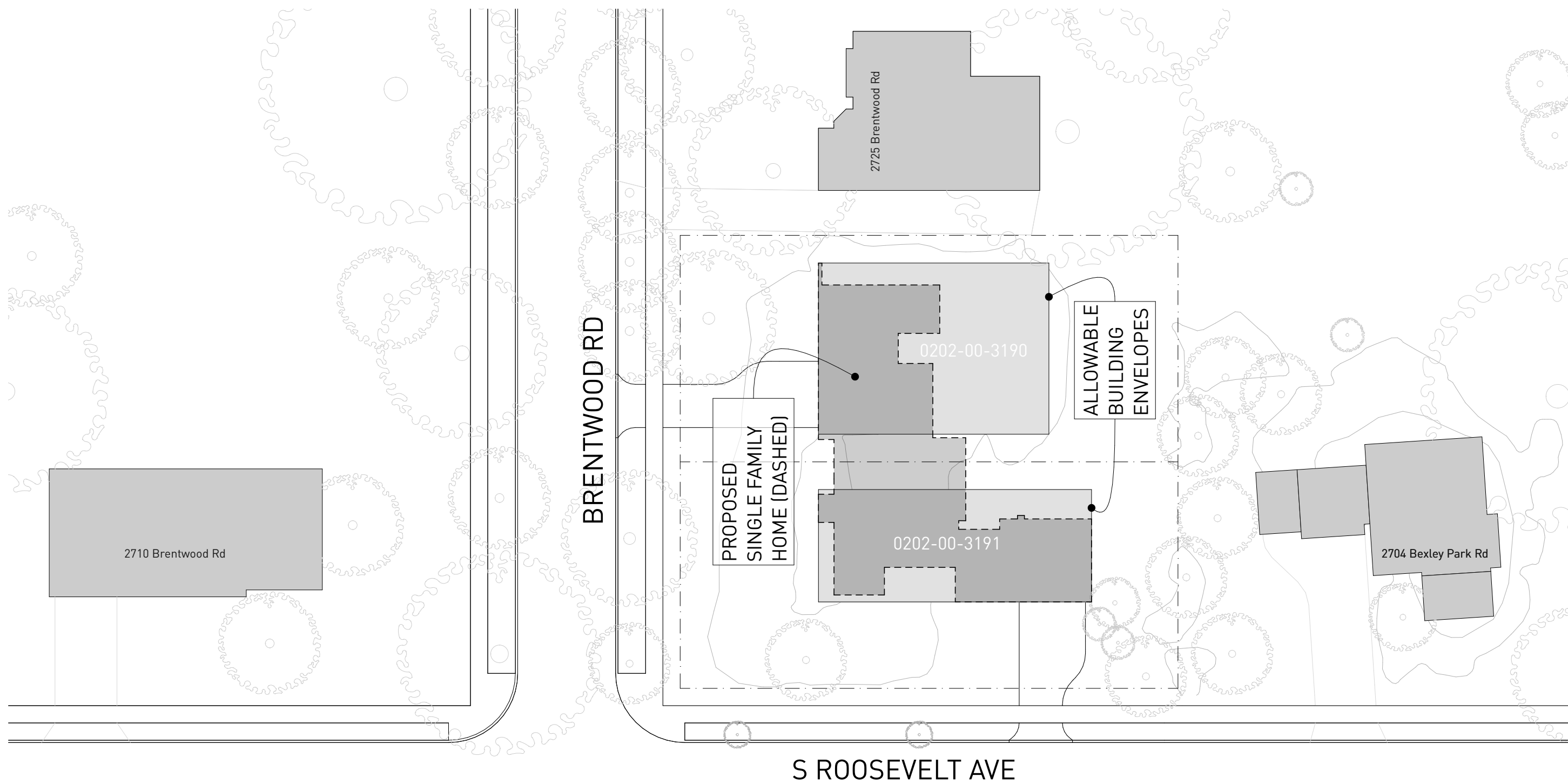
BEXLEY PARK RD



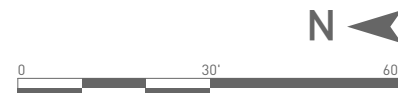


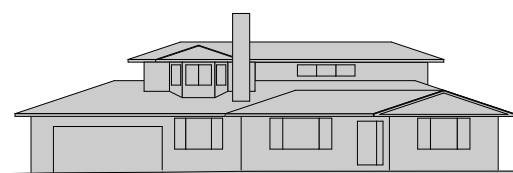
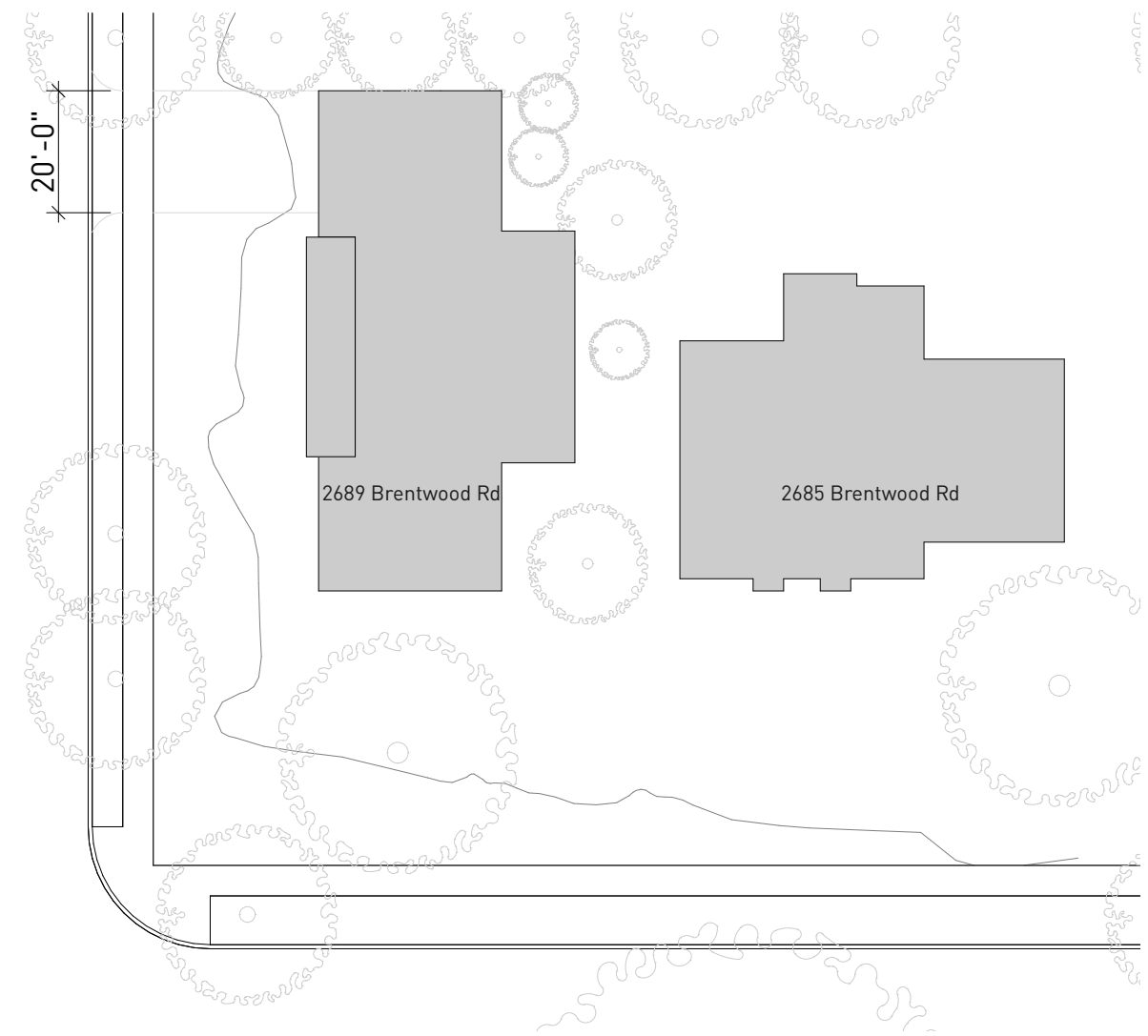
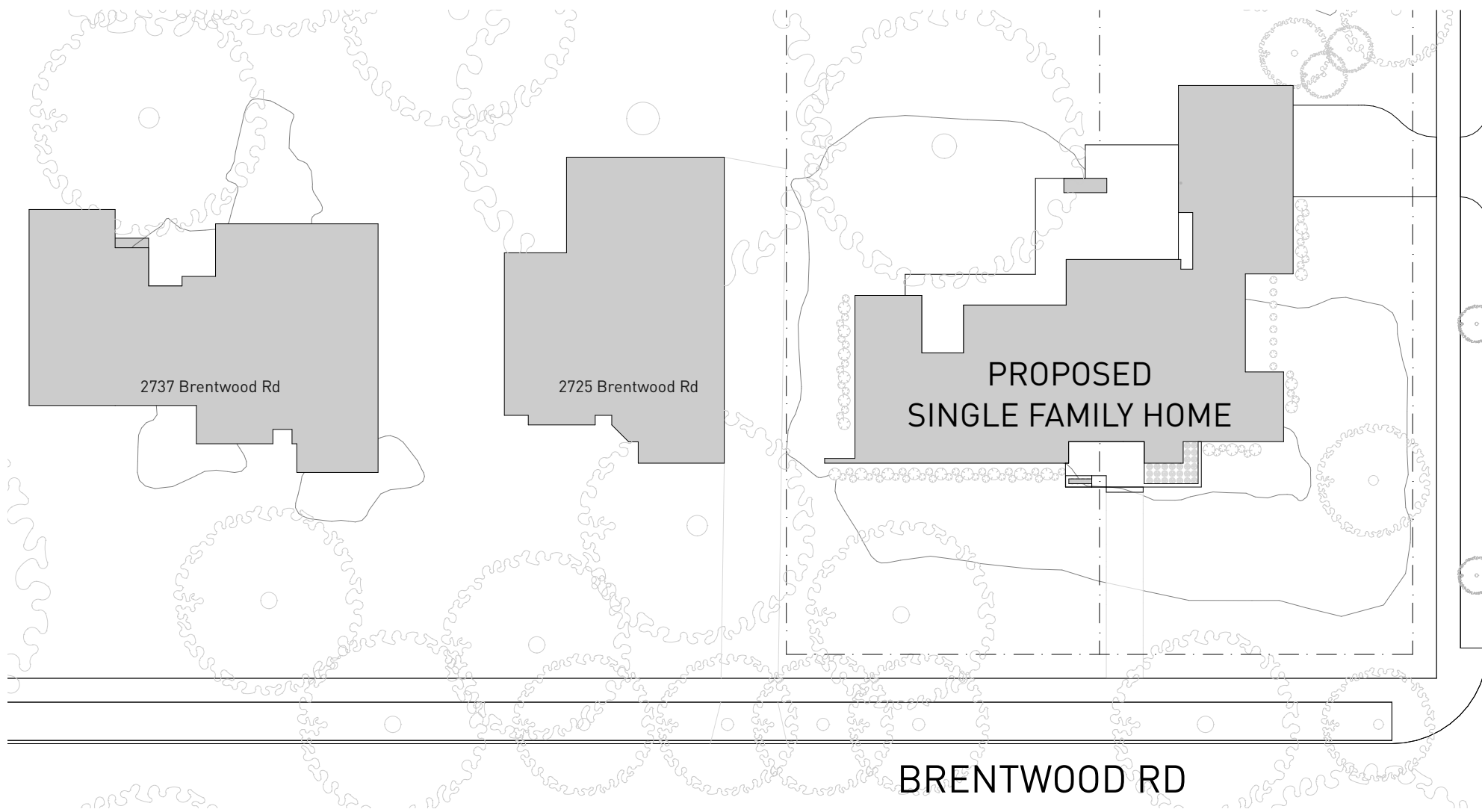
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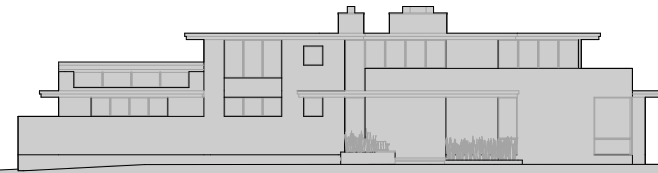




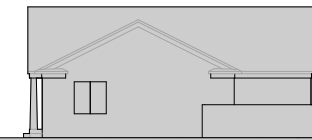
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2725 Brentwood Rd



2711 Brentwood Rd



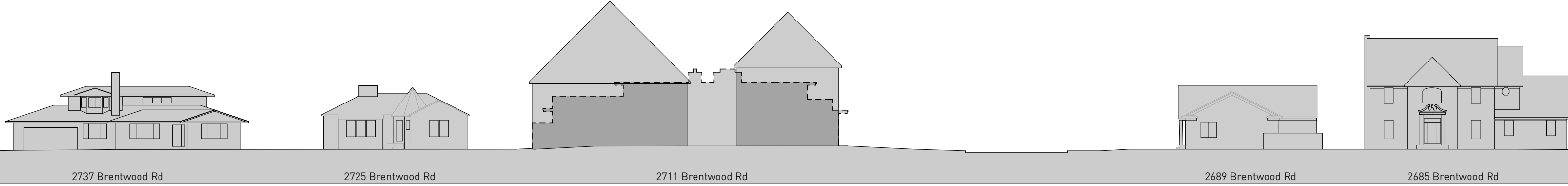
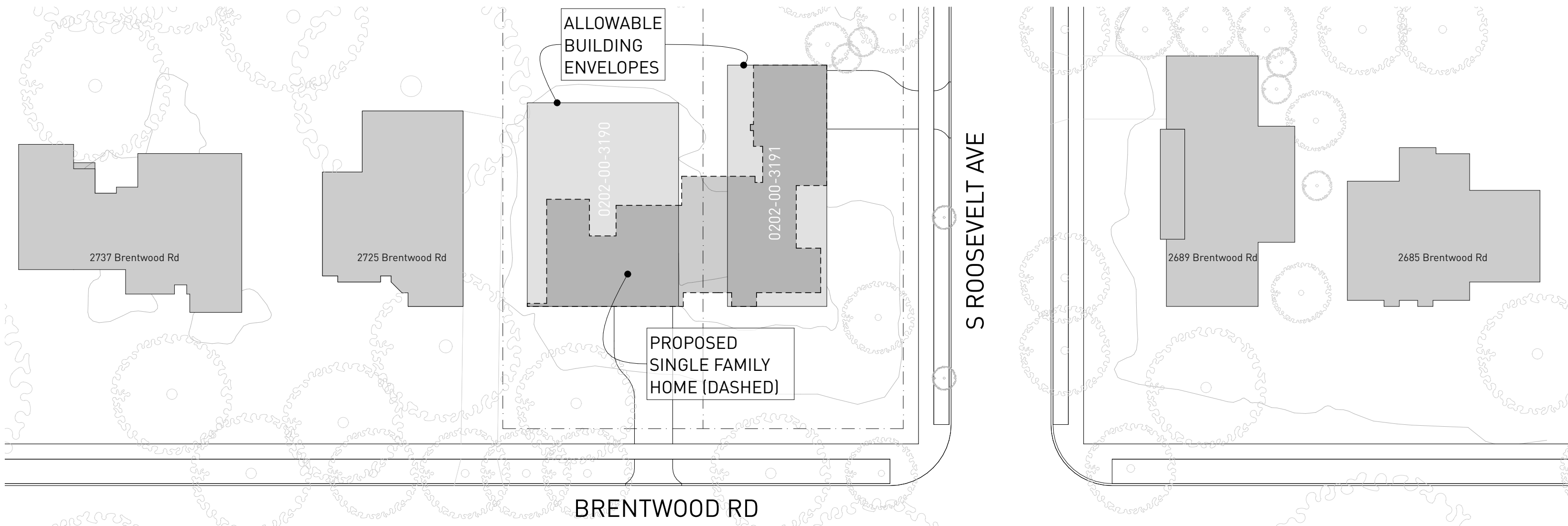
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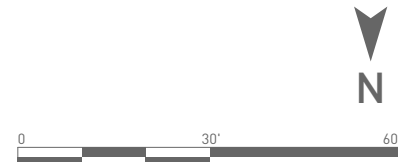
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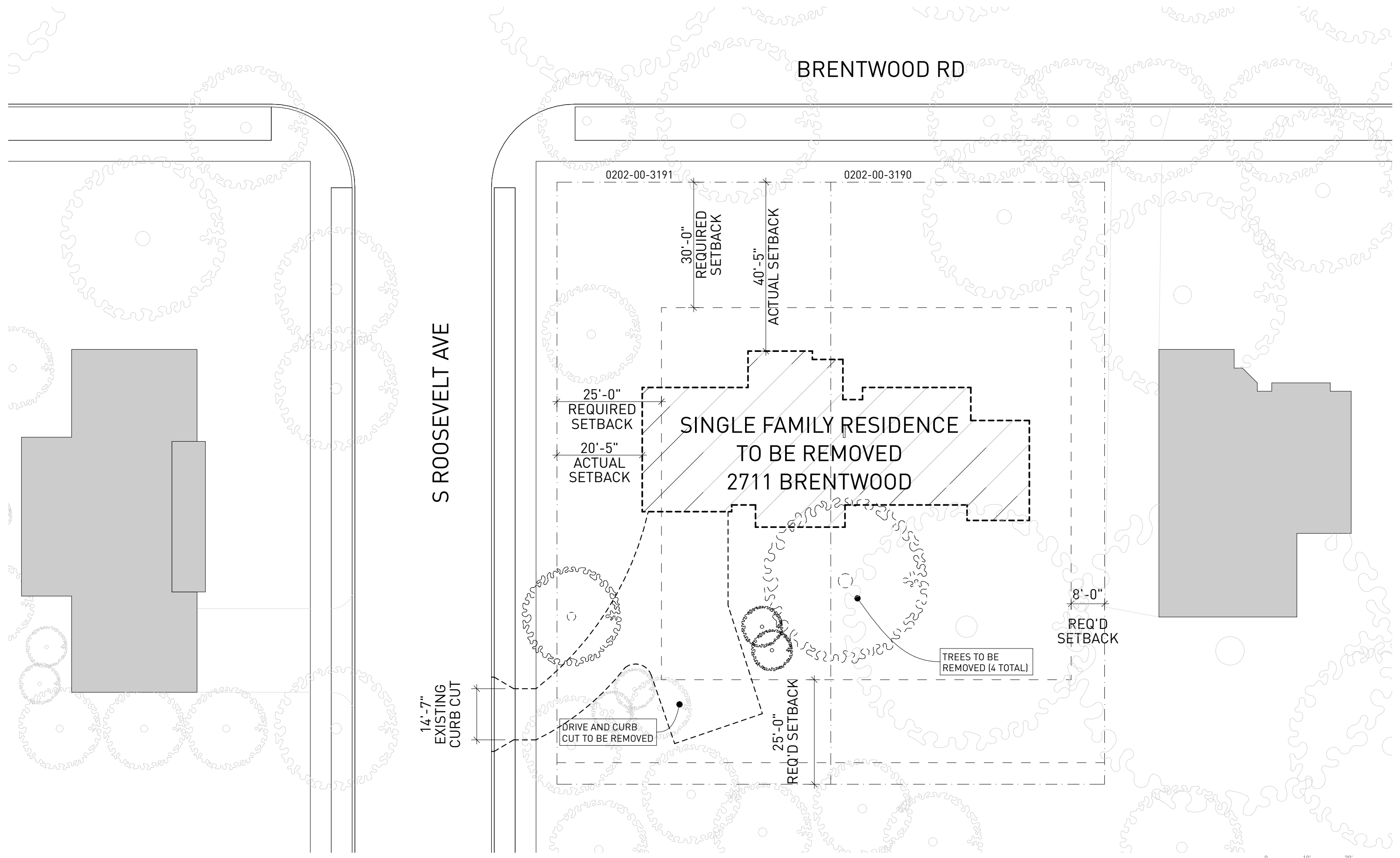
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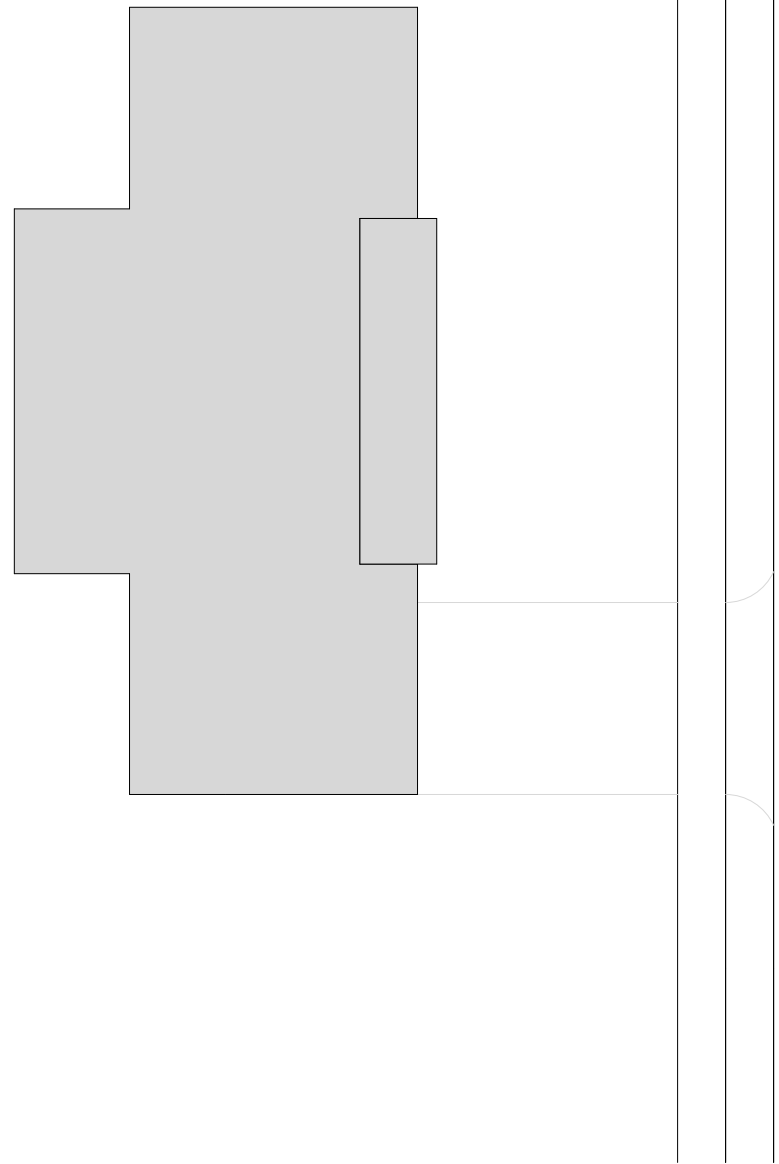


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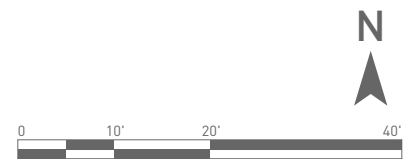
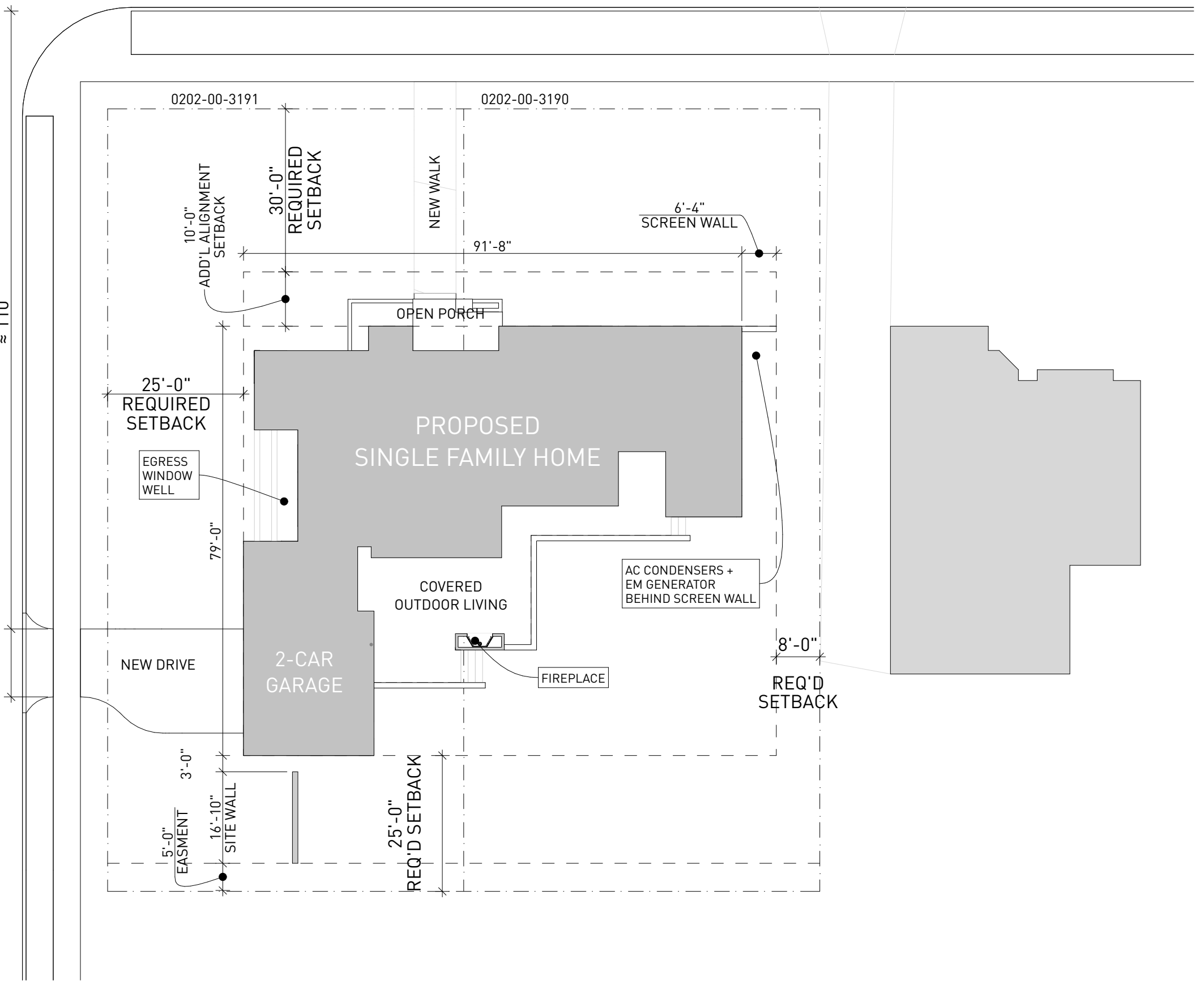


Address:	2711 Brentwood Road
Parcel:	#020-00-3191 and 0202-00-3190
Setbacks:	Roosevelt (West) - 25' (Existing House has 20.4' setback) Brentwood (North) - 30' (Set at 40' to align w/ neighbors) Rear yard (South) - 25' Side yard (East) - 8'
Coverage:	Total Area: 18,864sf Building Area Allowed - 35% (6,202sf), Proposed Design 5,206sf (28%) Overall - 60% (11,318sf), Proposed Design 5,961sf (32%)
Height:	Stories Allowed - 2, Proposed Design 2 Stories Height - up to 35' (to mean height of gable roof), Proposed Design 22'
Driveway Cut:	12.5' max., 25' Proposed to match adjacent properties



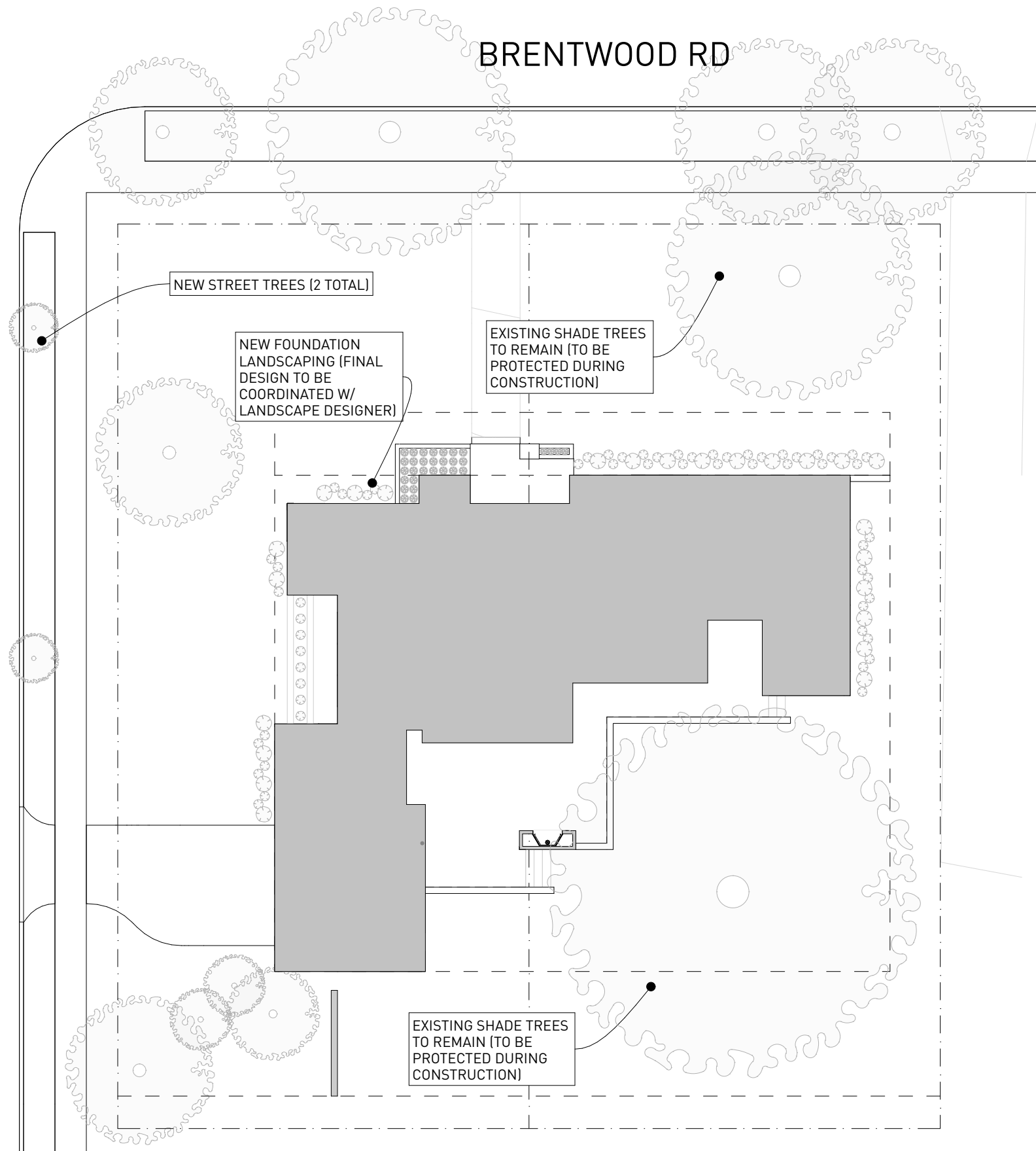
S ROOSEVELT AVE
≈ 110'
12'-6"
PROPOSED CURB CUT

BRENTWOOD RD

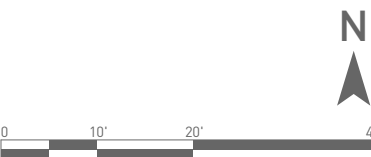


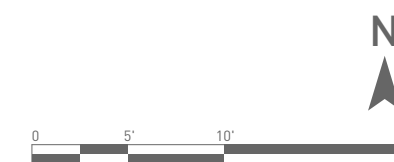
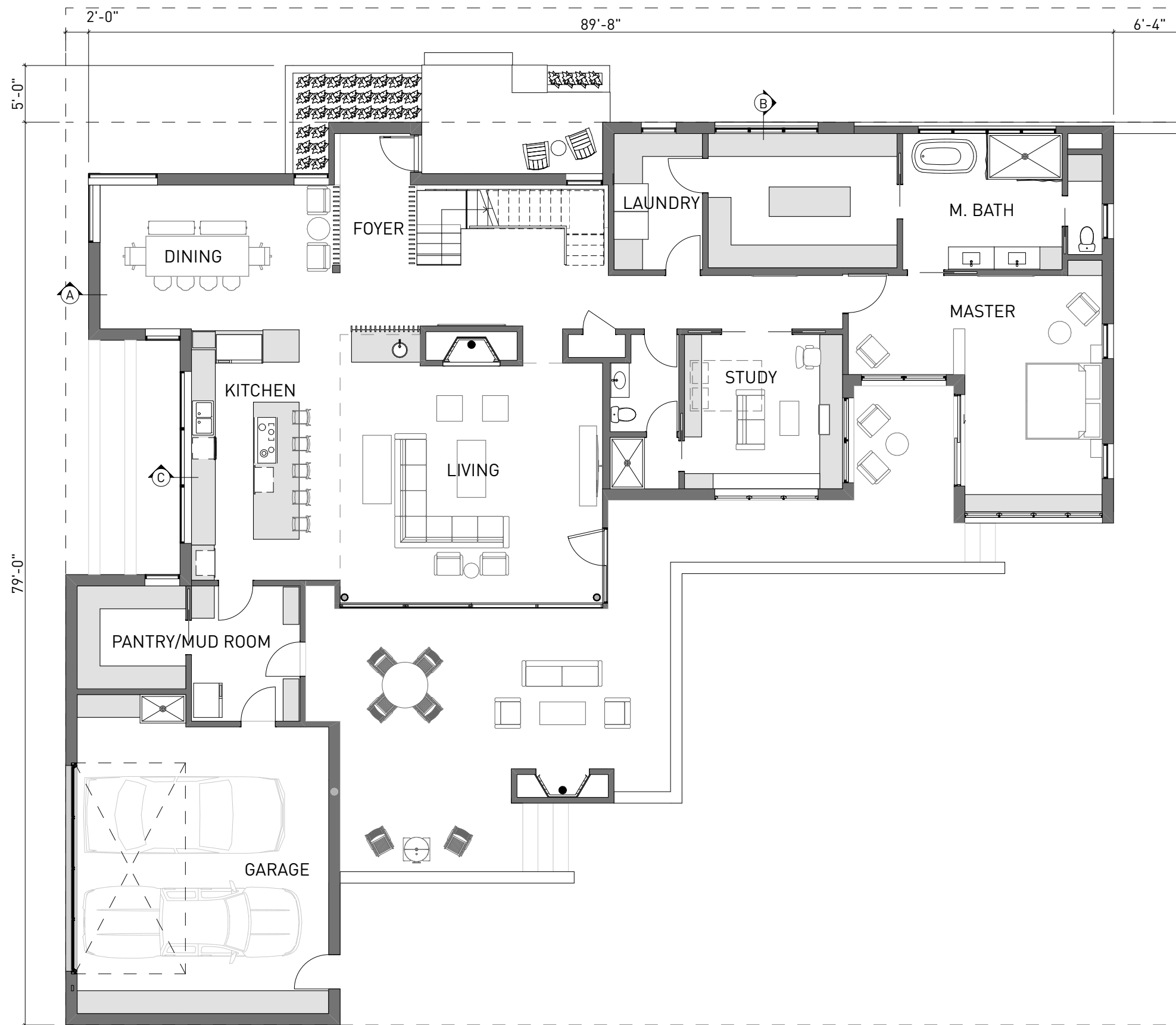
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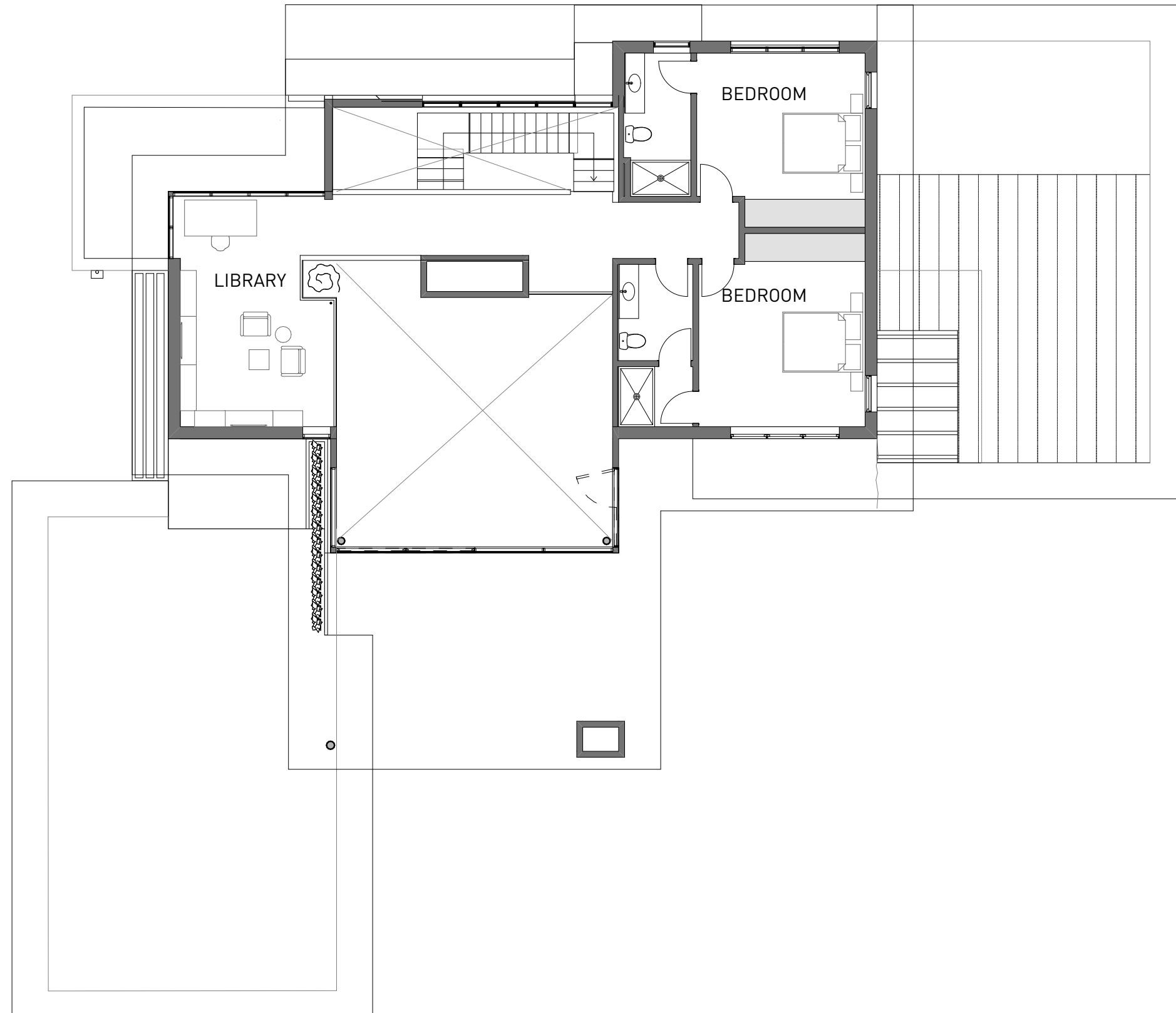
BRENTWOOD RD



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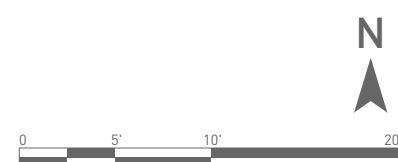


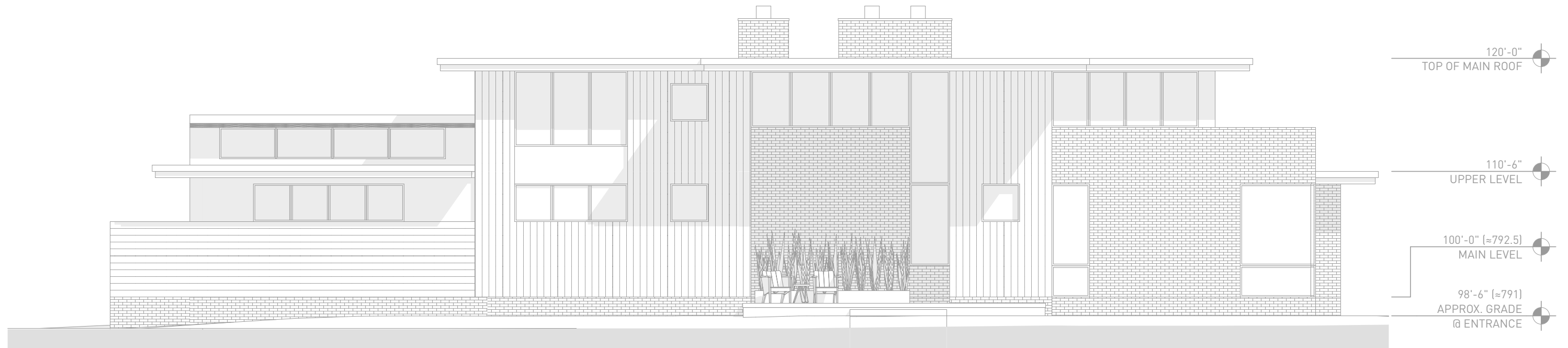




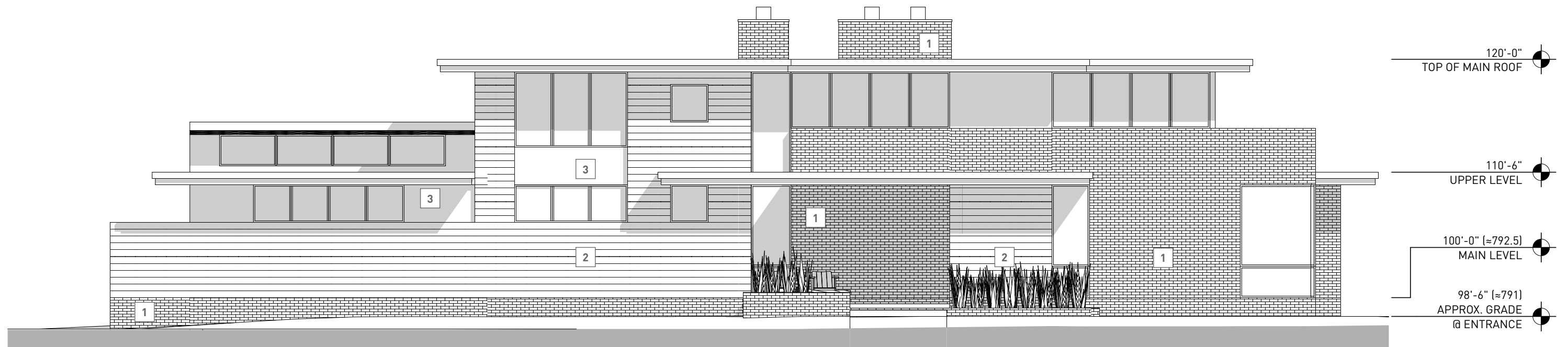
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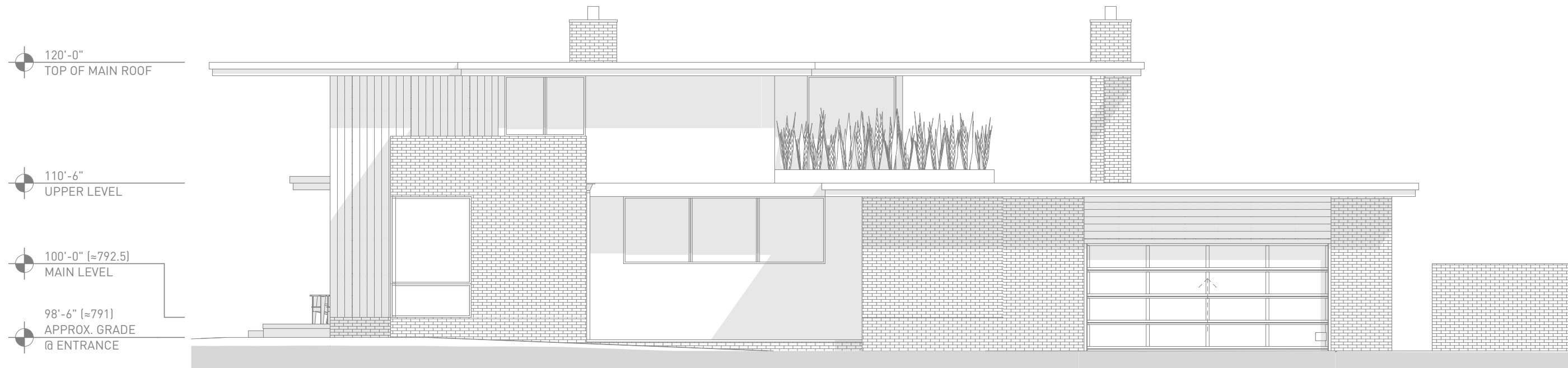


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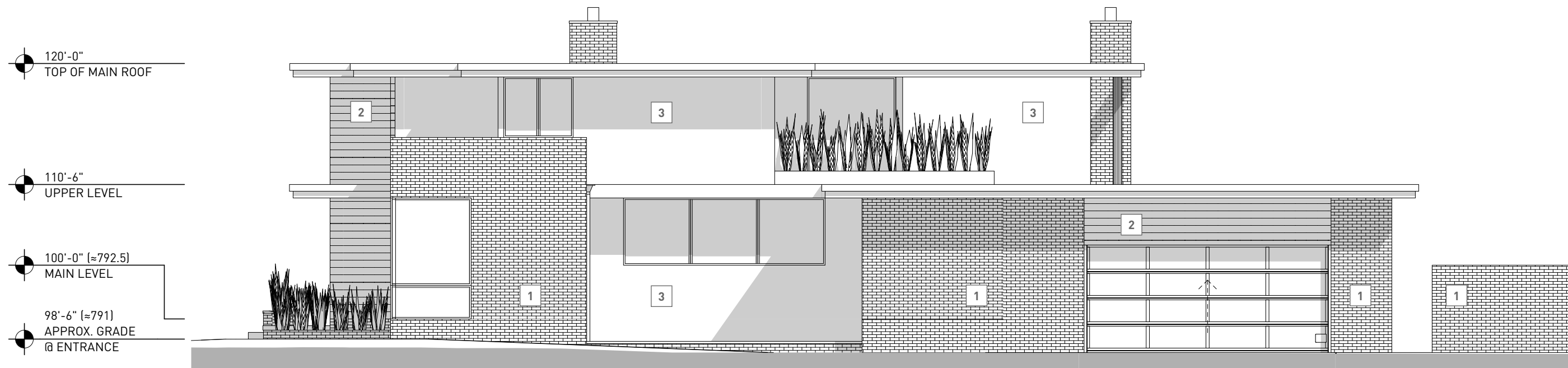


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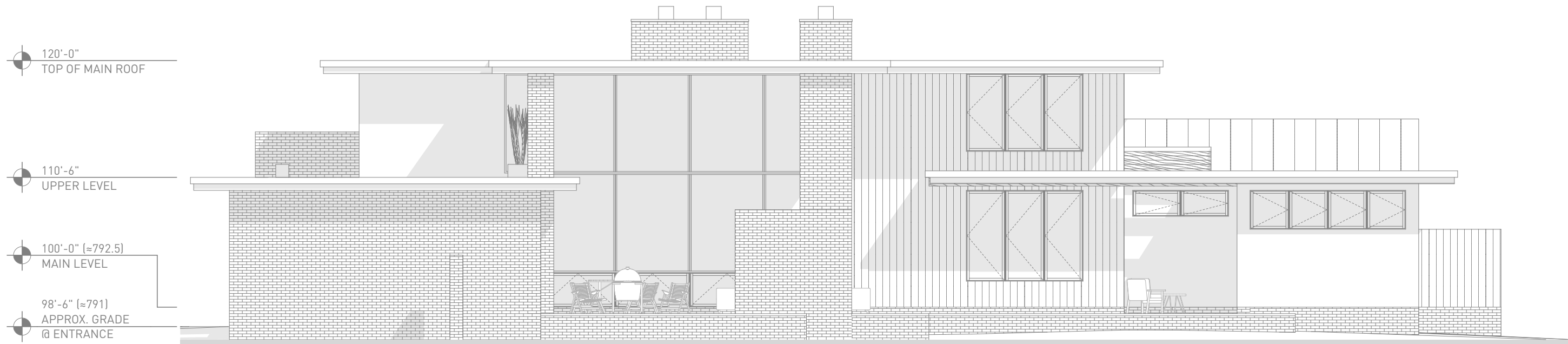


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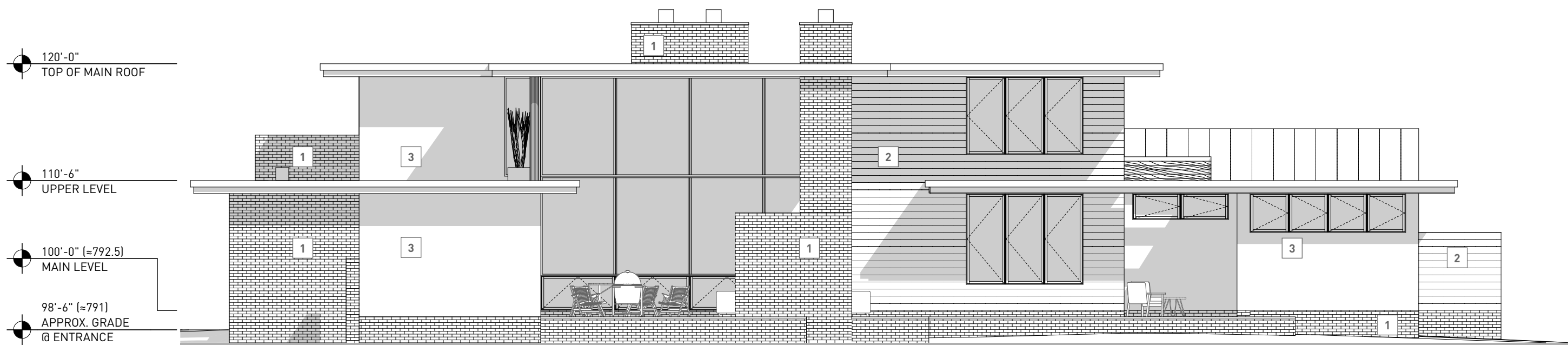


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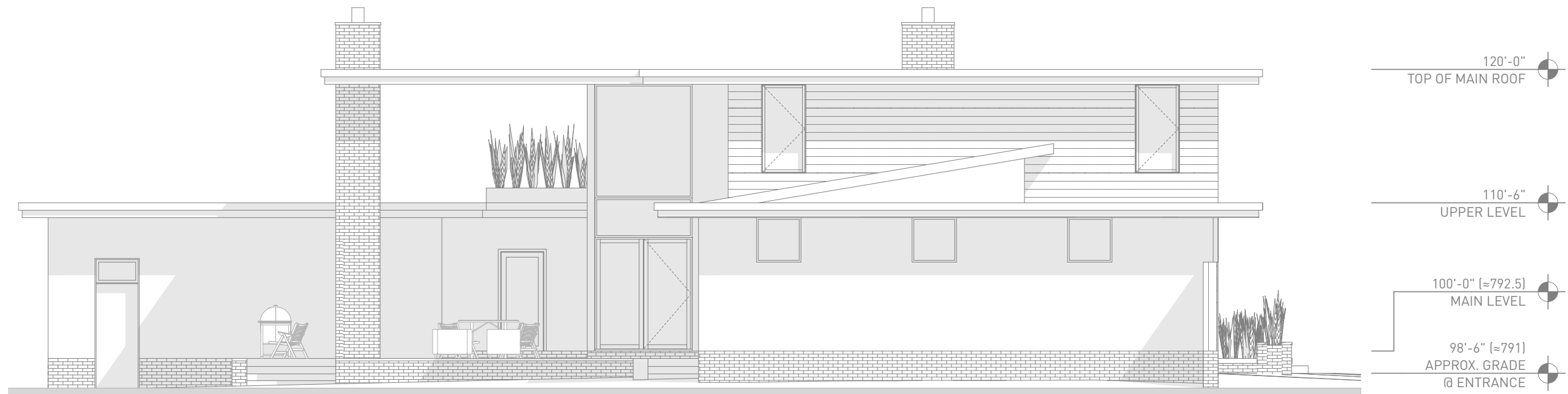


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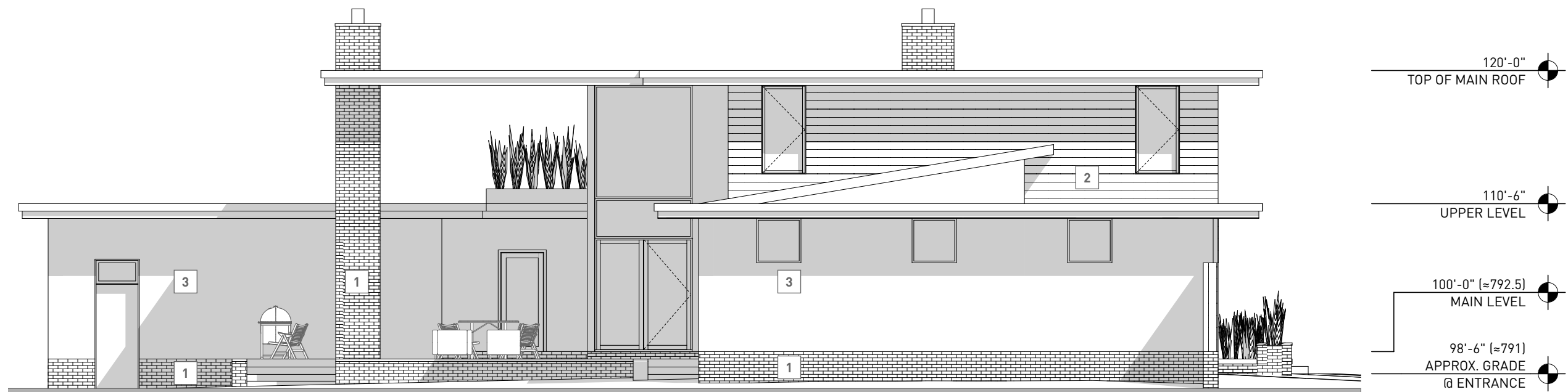


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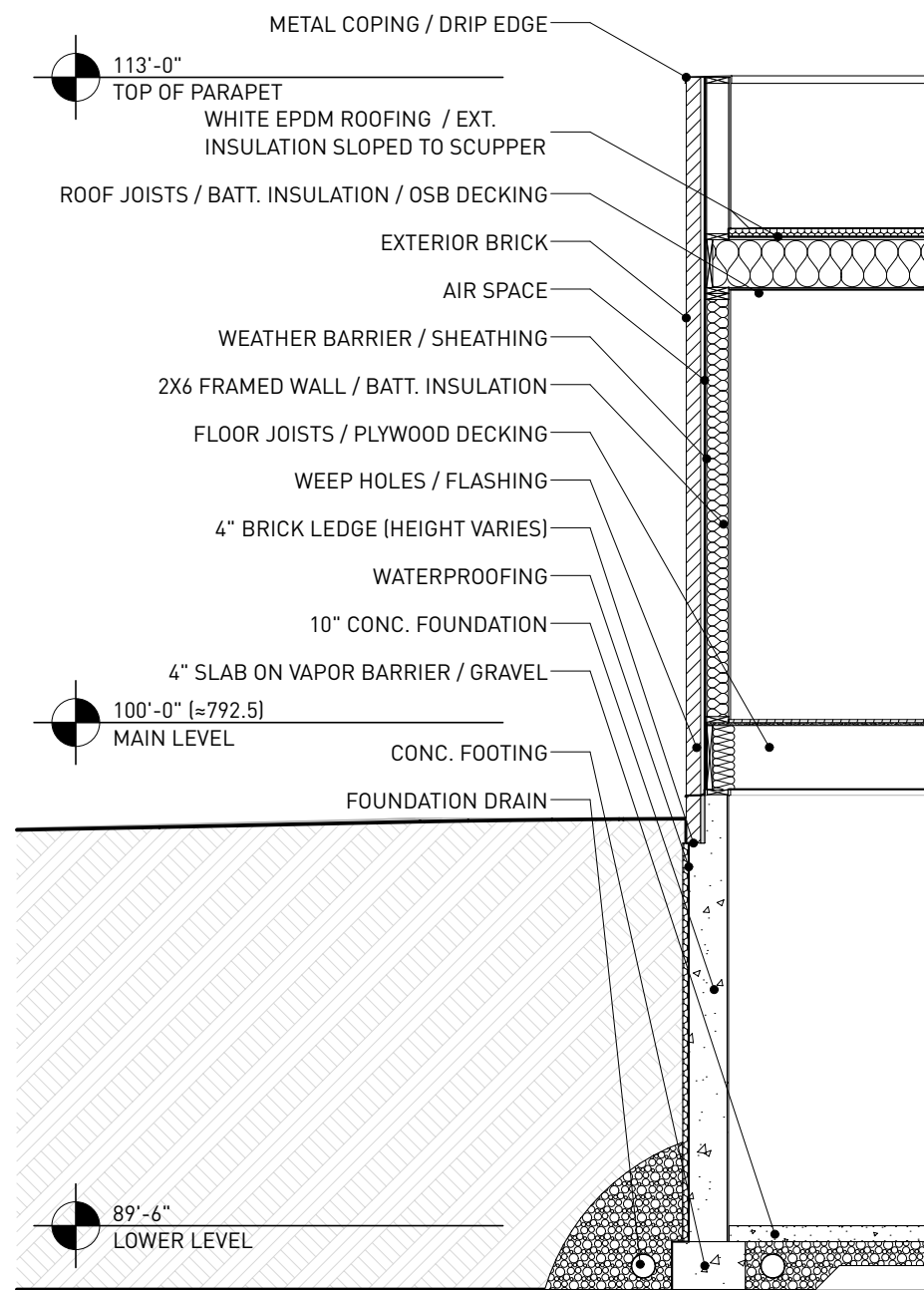


SUMMER SOLSTICE - 10AM

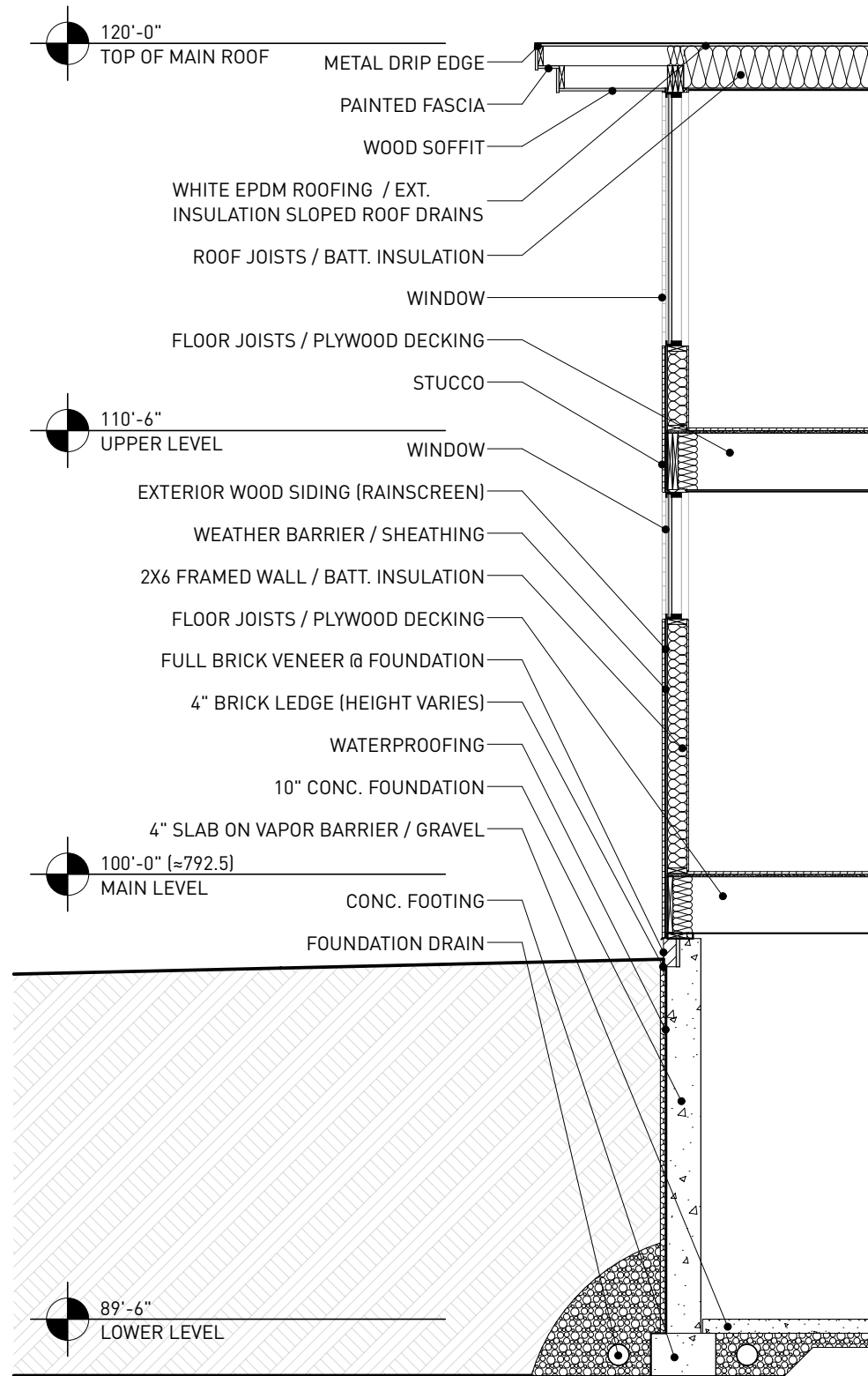


WINTER SOLSTICE - 10AM

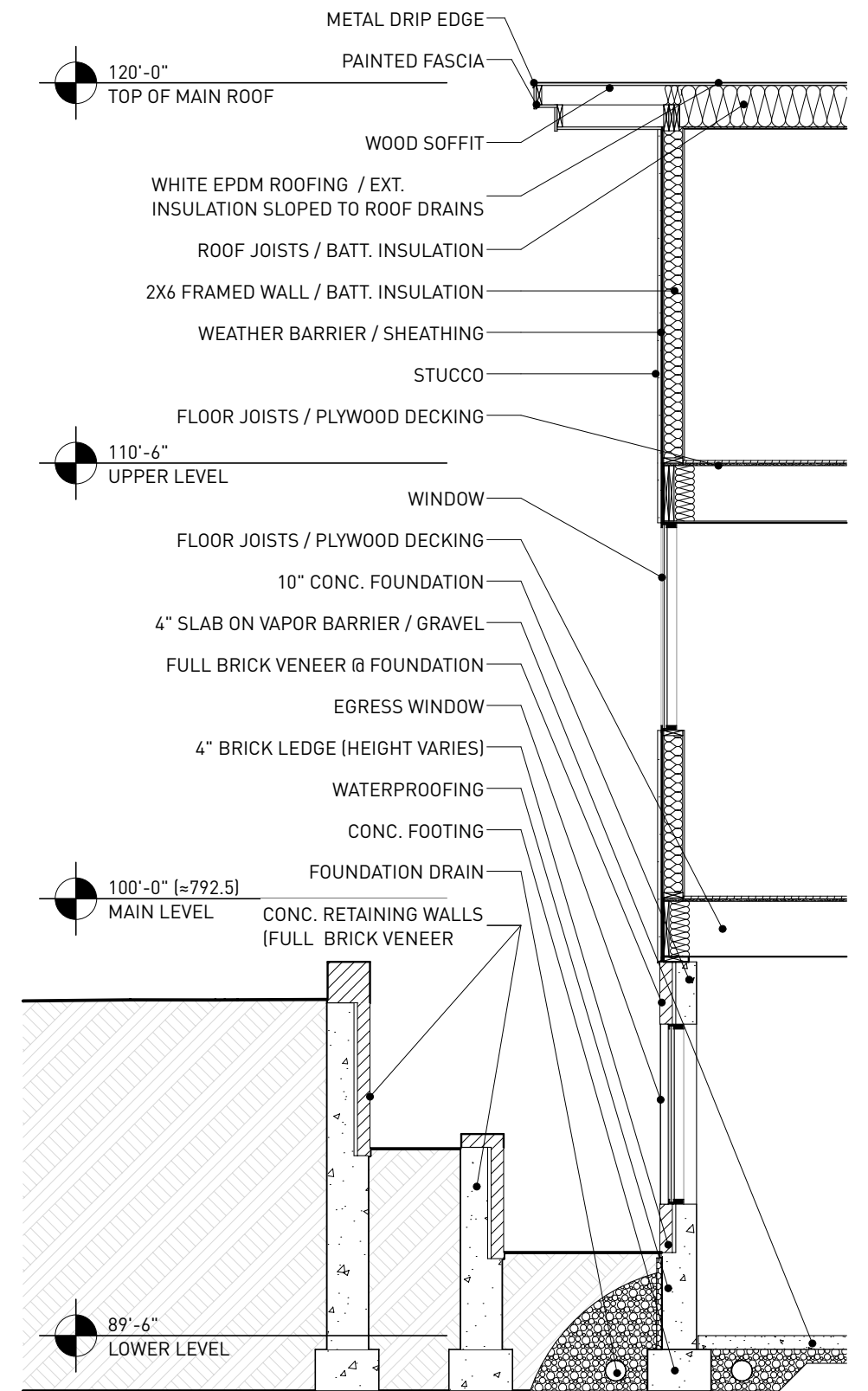
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A - SECTION @ DINING ROOM - WEST
SCALE 1/4" = 1'-0"



B - SECTION @ MASTER CLOSET - NORTH
SCALE 1/4" = 1'-0"



C - SECTION @ KITCHEN - WEST
SCALE 1/4" = 1'-0"





PREVIOUS CONCEPT PRESENTED AT SEPTEMBER ARB



PREVIOUS CONCEPT PRESENTED AT SEPTEMBER ARB



PREVIOUS CONCEPT PRESENTED AT SEPTEMBER ARB

SNOWDON RESIDENCE

BEXLEY ARB REVIEW

2711 BRENTWOOD RD | BEXLEY, OH

GR
AID
architects

RENDERING - SOUTH ELEVATION

LAST REVISED: SEPTEMBER 14, 2023

03



PREVIOUS CONCEPT PRESENTED AT SEPTEMBER ARB

SNOWDON RESIDENCE

BEXLEY ARB REVIEW

2711 BRENTWOOD RD | BEXLEY, OH



RENDERING - VIEW FROM INTERSECTION

LAST REVISED: SEPTEMBER 14, 2023



UPDATED PER COMMENTS FROM SEPTEMBER ARB



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SNOWDON RESIDENCE

BEXLEY ARB REVIEW

2711 BRENTWOOD RD | BEXLEY, OH



RENDERING - VIEW FROM INTERSECTION

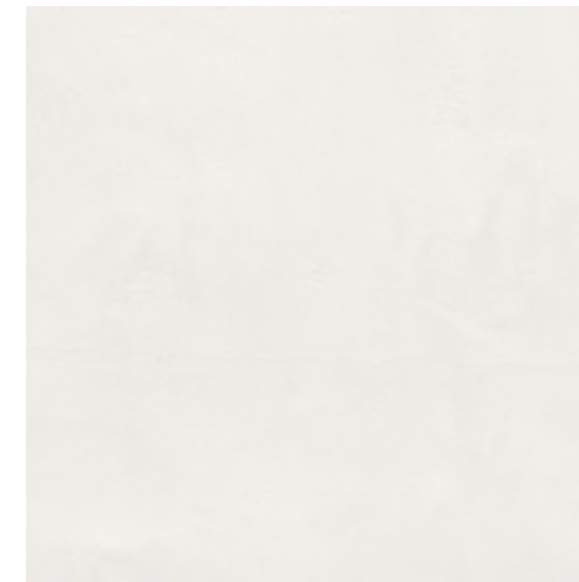
LAST REVISED: OCTOBER 12, 2023



[1] BRICK VENEER
CLOUD CERAMICS
MIDNIGHT IRONSPOT
DARK GROUT



[2] WOOD SIDING
CLEAR CEDAR
BUFFALO LUMBER CO
STAINED OLYMPIC 717



[3] STUCCO
WHITE
SANTA BARBARA FINISH



VOYAGE SELECT

Contemporary Pivot Doors



Elegance, Re-Imagined.



Winner of Window+Door Magazine's 2022 Award for **Most Innovative Entry Door**

FOR THOSE LOOKING TO MAKE A GOOD IMPRESSION, START WITH AN AWE-INSPIRING ENTRYWAY.

Traditional hinged doors are hung on a frame which limits their size and weight, but pivot doors operate by turning around a spindle (acting as the "pivot" point). This gives the door a sleek, contemporary look while taking the weight off of the door frame. The spindle also allows for larger, heavier panels measuring up to 9' wide and 18' tall! Pivots can be a truly breath-taking addition to any project.

Our pivot doors are not only beautiful, but easy to use as well. Thanks to our state-of-the-art engineering, each door can be operated almost effortlessly, even when panels exceed 300lbs. Each unit is fabricated with a concealed self-closing mechanism for ease of use, and a multi-point locking system to secure your door against forced entry.

Each system is handcrafted at our warehouse in Las Vegas, NV with quality hardware, steel pin spindles, and our unique 6063-T6 aluminum extrusions. Our 10 year warranty and dedicated customer service means you can put your mind at ease knowing that Panda will be there for you even after your door has been installed.



HARDWARE OPTIONS

LOCKING MECHANISMS

- ROLLER LATCH LOCK
- MULTI-POINT LOCK
- Most robust lock available.
- Elegant brushed chrome finish.
- Added protection against forced entry.
- Typically a 3-point lock, but up to 2 extra points can be added for extra-large doors.
- Can be motorized with automated "unlock" and "lock" features.



HANDLE OPTIONS

ONE (MINIMAL)



Available in Black, Chrome, Brass, and White

SEATTLE (MINIMAL)



Available in Black and Chrome

WONDER (MINIMAL)



Available in Black, Chrome, and Champagne

PHOENIX (SLIM)



Available in Black and Chrome

SEATTLE (SLIM)



Available in Black and Chrome

SEOUL (SLIM)



Available in Black and Chrome

LADDER PULLS

Ladder pulls are standard on door exteriors but can also be added to the interior upon request. Ladder pulls are available as round or square profiles with chrome or black finishes.

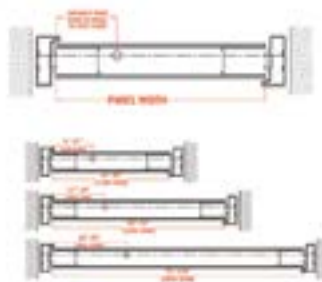
- Ladder Pull - Begins from 4ft up to 7ft.



PIVOT SIZING

Panda Windows and Doors is known for creating the largest doors in the industry. Our Voyage Select Contemporary Pivot Doors are no exception. Thanks to our innovative frames and hardware, we can create pivots up to 9ft wide and 18 ft tall with a maximum weight of 750lbs!

When deciding on the size of your new pivot door, it is critical to work with an engineer that specializes in pivot doors like those on our team at Panda. Remember, the larger the door, the closer the pivot point must be to its center to maintain a balanced and smooth operation. When building pivot doors, engineering experience is key to making your new system operate with ease.



LED/RECESSED HANDLE (up-charge)

LED lights can be combined with recessed door handles to provide a smooth, seamless design with an extra "wow" factor. This feature can be placed either horizontally or vertically.

FRONT ENTRY

SNOWDON RESIDENCE

BEXLEY ARB REVIEW

2711 BRENTWOOD RD | BEXLEY, OH



PROPOSED FINISHES & PRODUCTS

LAST REVISED: SEPTEMBER 14, 2023

H-02

MODERN
MARVIN SIGNATURE COLLECTION

CASEMENT					WIDTH	HEIGHT
CRANK OUT AND PUSH OUT	1.57	12.1	50	CW-PG50-FW	36"	102"
CRANK OUT AND PUSH OUT	1.57	12.1	50	CW-PG50-FW	40"	96"
CRANK OUT AND PUSH OUT	1.57	12.1	50	CW-PG50-FW	44"	92"
MULL ASSEMBLIES					WIDTH	HEIGHT
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	168"	96"
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	96"	168"
AWNING					WIDTH	HEIGHT
CRANK OUT	1.57	12.1	50	CW-PG50-FW	64"	96"
CRANK OUT	1.57	12.1	45	LC-PG45-FW	96"	64"
PUSH OUT	1.57	12.1	45	CW-PG45-FW	96"	64"
CRANK OUT	1.57	12.1	50	CW-PG50-FW	72"	72"
PUSH OUT	1.57	12.1	50	CW-PG50-FW	89"	48"
MULL ASSEMBLIES					WIDTH	HEIGHT
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	168"	96"
ALL PRODUCTS	1.57	12.1	40	CW-PG40-FW	96"	168"

All screens are intentionally designed for uninterrupted views, ease of use, and a sleek modern look.

Pictured right: Modern Awning window

Pictured below: Modern Casement Crank Out window



CASEMENT AND AWNING PUSH OUT

Concealed screen frame does not disrupt sightlines or view

High transparency mesh

Innovative latch color matched to the interior

Concealed hinges support operability

CASEMENT AND AWNING CRANK OUT

Concealed screen frame does not disrupt sightlines or view

High transparency mesh

Innovative latch color matched to the interior

Crank in and out operability

FEATURES

Large expanses of glass for maximum views with numerous configurations and sizes available

Rectangular and polygon shapes

Frame recess accepts a drywall return

Horizontal or vertical ribbon mulling capabilities

Non-certified mulling capabilities

GLASS OPTIONS

Dual or triple-pane insulated glass

Interior cover depths vary based on glass thickness

Argon or Krypton-Argon gas blend

Black spacer and silicone sealant

Low E1, E2, E3, ELR, or ERS glass options

Specialty glass: frosted, obscure, and gray or bronze tint

MULLING

Mulled frames are less than 3" wide

Approximate 3" frame divider simulates a mulled Direct Glaze frame

CONFIGURATIONS

Rectangle/square

Isosceles triangle

Right triangle, right or left

Trapezoid, right or left

Pentagon

SIZING

Max frame size certified 141 3/8" x 93 3/8"

Jamb depth 4 1/2"

SINGLE UNIT PERFORMANCE RATINGS

Air tested to PSF 6.24

Water tested to PSF 7.5

Performance grade CW-PG40-FW

Max frame size height 93 3/8"

Max frame size width 141 3/8"

VERTICAL OR HORIZONTAL MULLED UNITS PERFORMANCE RATINGS

Air tested to PSF 1.57

Water tested to PSF 6.0

Performance grade CW-PG40-FW

Max frame size height 96"

Max frame size width 168"

Max tributary width or height 84"

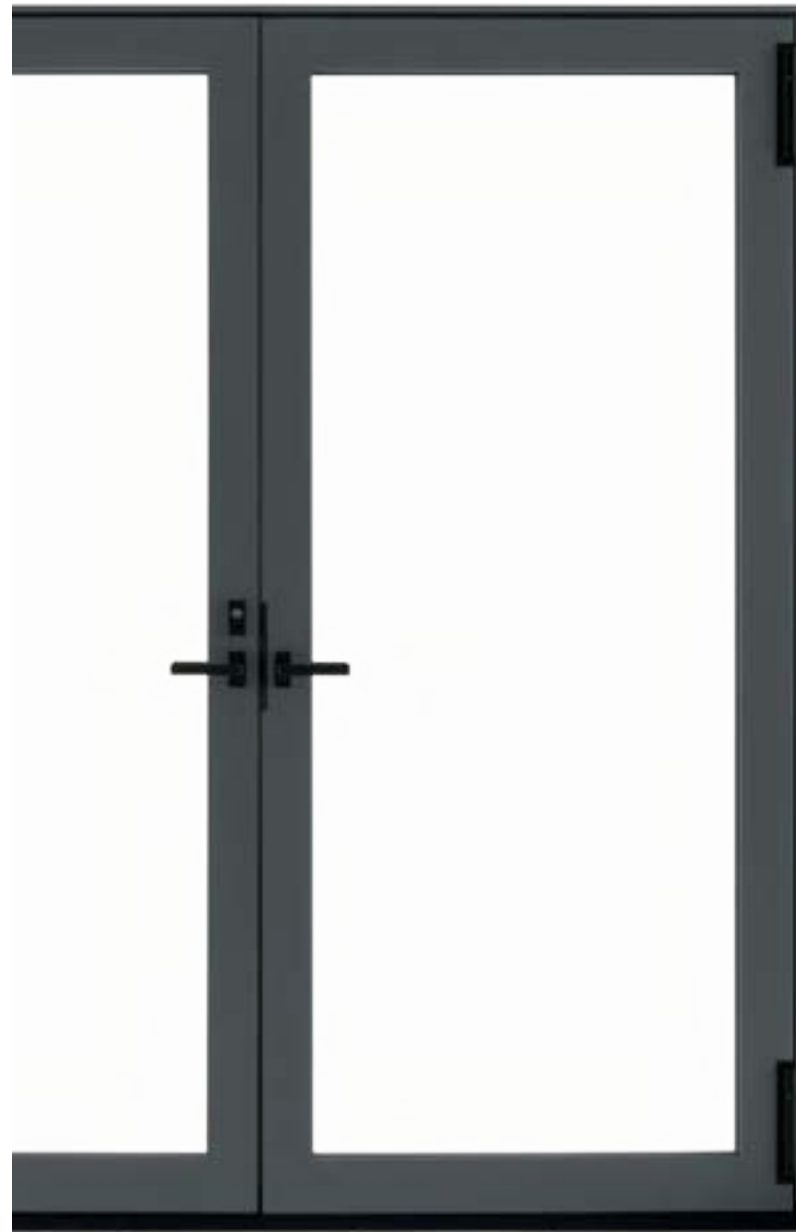
THERMAL PERFORMANCE

Dual-pane IG low E2 with Argon 0.28 U-Factor

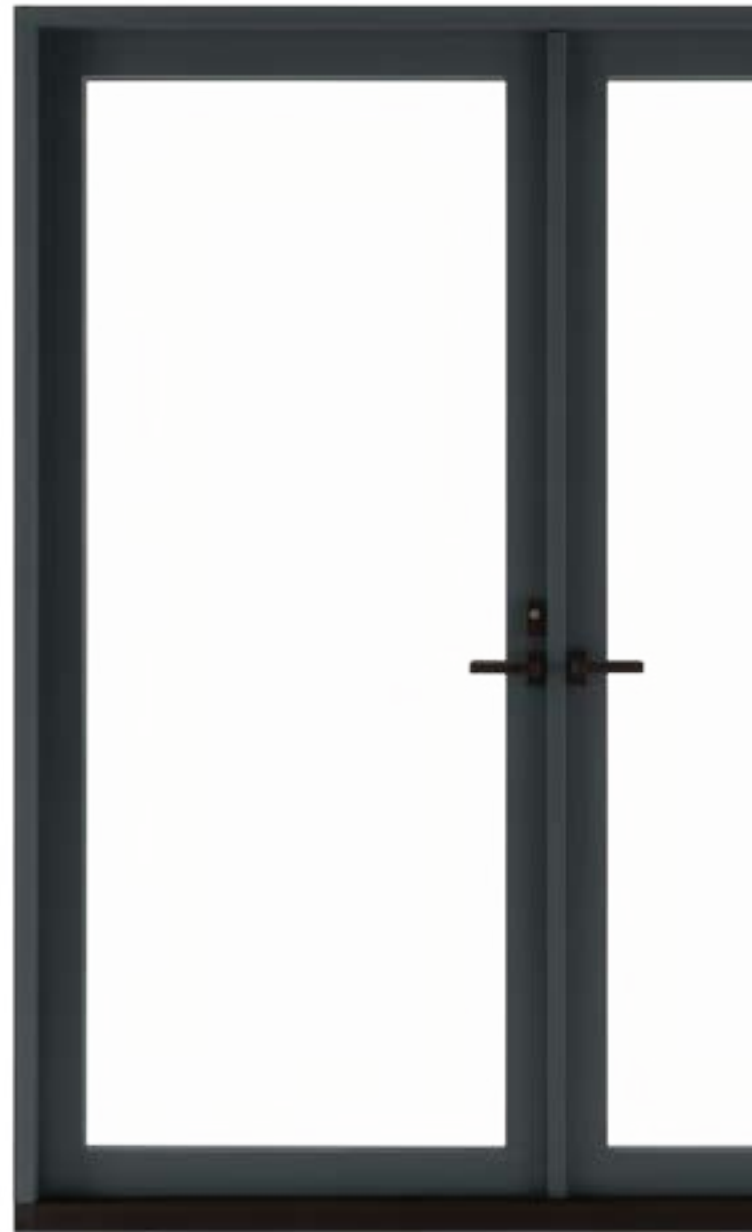
MARVIN SIGNATURE MODERN
FINISH: EBONY

WINDOWS

MODERN SWINGING DOOR



EXTERIOR VIEW – OUTSWING DOOR SHOWN IN GUNMETAL WITH MATTE BLACK HARDWARE



EXTERIOR VIEW – INSWING DOOR SHOWN IN GUNMETAL WITH MATTE BLACK HARDWARE

FEATURES

- 1 and 2 panel units, inswing and outswing
- Unequal panel widths
- Minimalist handles
- Two 7" square barrel hinges for all door heights
- Low-profile, performance, and saddle sills

HARDWARE

- Minimalist hardware with multi-point lock
- Sleek design for unobstructed views
- 7" adjustable hinge

GLASS OPTIONS

- Dual or triple-pane insulated glass
- Argon or Krypton-Argon blend gas
- Black spacer and dark silicone sealant
- Low E1, E2, E3, ELR, or ERS glass options
- Specialty glass: frosted, obscure, and gray or bronze tint

ADD-ONS

- Lock status sensor
- Retractable screens

PERFORMANCE GRADES

O	Performance Sill	up to CW-PG40-FD
O	Low Profile Sill	up to CW-PG30-FD
O or X	Performance Sill	up to LC-PG40-SHD
O or X	Low Profile Sill	up to LC-PG30-SHD
XO OX XX	Performance Sill	up to LC-PG40-SHD
XO OX XX	Low Profile Sill	up to LC-PG30-SHD

CONFIGURATIONS AND SIZING

- Max operator size: 4' x 12'
- Max stationary size: 8' x 12'
- 1-2 panel configurations
- Unequal panel widths
- Door to door mulling

UNIT TYPE	MIN FRAME SIZE UNIT		MAX FRAME SIZE UNIT	
	WIDTH	HEIGHT	WIDTH	HEIGHT
UNI-DIRECTIONAL				
O	16"	16"	144"	144"
X	20"	49"	48"	144"
OX OR XO	34"	49"	173"	144"
XX	38"	49"	96"	144"

O = Stationary Panel X = Operating Panel
 * Panel quantity per unit limited to two panels

MARVIN SIGNATURE MODERN
 FINISH: EBONY

DOORS (TO YARD)

AVANTE®

Avante® garage doors are designed with architects, contractors and homeowners in mind. With a sleek aesthetic and section seal, these doors are the perfect choice to modernize any home. Not only can they transform garages, they can also be used as an indoor loft partition or as versatile solarium doors. Many glass options are available to control the degree of light transmission and privacy.



Model AX, Bronze (Anodized) Frame with Frosted Tempered Glass

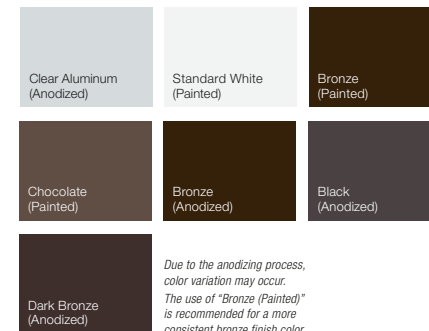


STYLE AND CONSTRUCTION

- Aluminum frame provides a virtually maintenance-free, long-lasting door.
- Intellicore® polyurethane insulated rails and stiles. (Model AXU)
- R-value 3.8/U-factor 0.86. (Model AXU when glazed with clear insulated glass)
- Many glass and panel options available.
- Section joint seal helps keep out air and water.
- Integral reinforcing fin provides increased strength and longevity. (Available on double car models)
- Heavy-duty steel ball bearing rollers with nylon tires provide quiet operation.

*Doors wider than 14' include built-in reinforcing fin. Standard doors 12' and under do not use built-in reinforcing fin. Usage on widths 12'2" to 14' depend upon glass weight. WINDCODE® doors may vary. Contact your Clopay Dealer for details. Calculated door section R-value is in accordance with DASMA TDS-163.

FRAME/SOLID PANEL COLOR OPTIONS



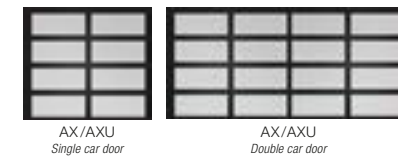
CUSTOM PAINT OPTIONS

Custom colors make Avante® garage doors personal. Choose a Color Blast® finish or RAL Powder Coating to create the perfect door. The only limit is your imagination! See your Clopay Dealer for details.



Model AXU not available with RAL Powder Coat finish.

DOOR DESIGNS



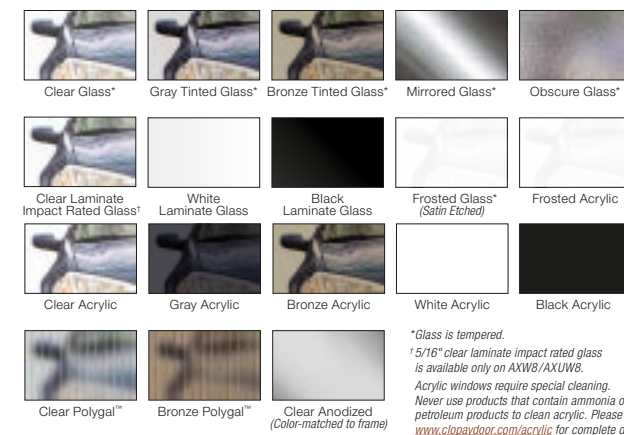
HARDWARE

Attractive color-matched aluminum grip handles. Available in all standard color options.

WARRANTIES



GLASS/PANEL OPTIONS



*Glass is tempered.
†5/16" clear laminate impact rated glass is available only on AXWB/AXUWB.
Acrylic windows require special cleaning. Never use products that contain ammonia or petroleum products to clean acrylic. Please visit www.clopaydoor.com/acrylic for complete details.

- Glass available in single pane or insulated (laminated and mirrored glass not available insulated).
- Panels can be aluminum to match the aluminum frame. Glass/acrylic panels may be combined with aluminum panels. Custom glass and colors available.



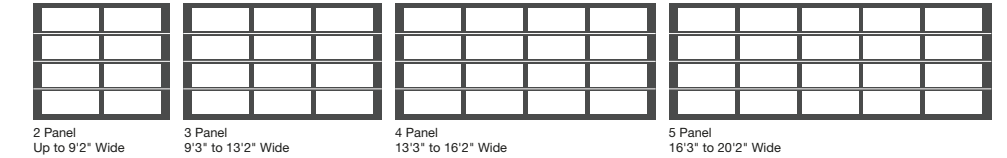
Doors available to meet many regional wind load requirements. WINDCODE® doors over 16' wide may have reinforcement hardware that shows through the glass panels of the door.



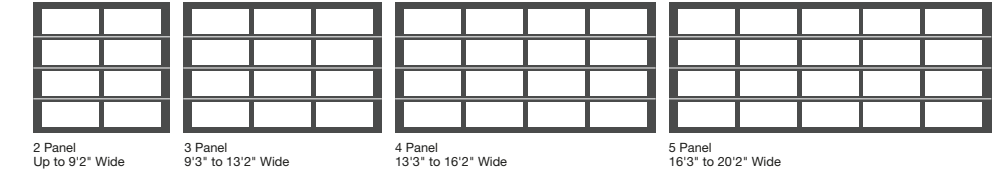
See your Clopay Dealer for details. Or for more information scan this code.

PANEL CONFIGURATIONS (Examples of common sizes shown below)

6'6" TO 7'0" HIGH DOORS



7'3" TO 8'0" HIGH DOORS



Model AXU, Black (Anodized) Frame with Frosted Insulated Glass



Visit clopaydoor.com or call 1-800-2CLOPAY (225-6729) for more information on Clopay, America's Favorite Garage Doors.

Follow us on



MADE IN USA

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RSDR-AVANTEAXSS-19_REV0423

imagine



DESIGN YOUR DOOR
OPEN CAMERA
AND POINT!

Top 10 Reasons to Choose Sure-White® EPDM

Carlisle SynTec Systems' Sure-White EPDM membranes offer an optimal solution for nearly any low-slope roofing situation. Sure-White EPDM is a durable material that has more than 34 years of proven, in-field performance. With significant physical property advantages, cooling benefits in southern climates, and innovations in product technologies, EPDM is still defining the standard in the commercial roofing market. Below are the top 10 reasons to consider Sure-White EPDM on your next roofing project.

1 TIME TESTED

EPDM is time-tested in real-world conditions. White EPDM roofing systems have been used for more than 34 years.

2 SUPERIOR WEATHERING RESISTANCE

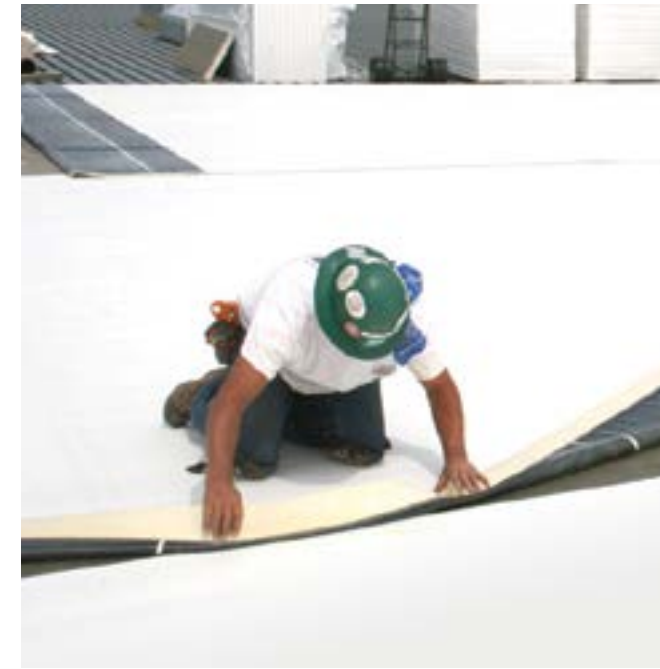
EPDM has advanced resistance to UV exposure, heat, and mold:

- » ASTM G155 for Xenon Arc = 25,200 kJ/m² for white EPDM
- » ASTM D573 for heat aging = 68 weeks at 240°F
- » ASTM G21 for fungi = zero (no growth)



3 THICKNESS

EPDM's nominal 60 or 90 mils of weathering protection is significantly greater than the 20–25 mils over scrim of most plastic-based sheets. Sure-White is also available in 115- or 145-mil FleeceBACK® for added toughness.



4 SUPERIOR HAIL RESISTANCE

Numerous studies and real-world experience confirm that EPDM's 465% elongation (ASTM D412) and weathering resistance result in superior hail damage resistance and UL2218 Class 4 rating. White EPDM remains flexible throughout its life cycle.

5 ENERGY EFFICIENT

In southern climates, the solar reflective benefits of white EPDM helps to reduce cooling costs. The cross-linked molecular nature of EPDM can handle the heat of southern climates.

6 ROOFTOP SAFETY

EPDM's rubber surface provides more grip than white plastic-based membrane, which is important to maintenance personnel.

7 STABLE

EPDM is the most dimensionally stable membrane, remaining flexible even in extremely cold conditions. Per ASTM D5279-08, EPDM is more flexible at 0°F than TPO at 100°F.

8 REPAIRABILITY

EPDM rubber doesn't need internal scrim like plastic backed sheets and remains repairable with peel & stick flashings even at the end of its service life.

9 QUALITY SEAMS

Carlisle's labor-saving Factory-Applied Tape and pressure-sensitive flashings improve the quality and consistency of seams. Electrical seaming equipment consumes natural resources and is dependent on the applicator using correct speed, temperature, and pressure to avoid false or cold welds.

10 FEWER SEAMS

White EPDM is available in large 16'-wide to 20'-wide sheets for adhered applications, resulting in up to 50% fewer seams compared to 10' wide plastic based membranes.





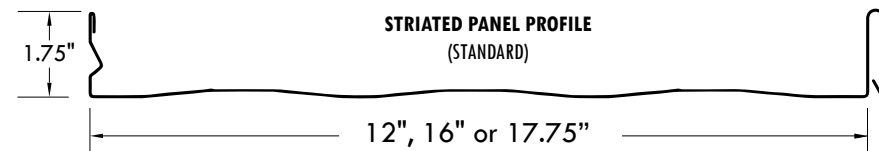
ARCHITECTURAL PANEL INTER-LOCK IL20

INTER-LOCK IL20



Project Name: _____
 Architect: _____
 Installing Contractor: _____
 General Contractor: _____
 Specification Section: _____

Stiffener Profile _____ _____
 _____ _____



INTER-LOCK IL20 is an architectural panel which is snapped together during installation. The panel is an integral interlocking system by design which installs in one direction from a given starting point. A double male starter panel is available (for a minimal setup fee) and may be installed in the middle of a roof area to achieve a symmetrical layout. Inter-Lock is a very flexible panel which works well with a wide range of building designs.

Uses & Applications

Product uses include roofs with slopes as low as 3:12, vertical fascia, equipment screens, mansards, and wall panels. This system may also be installed on tapered roof areas.

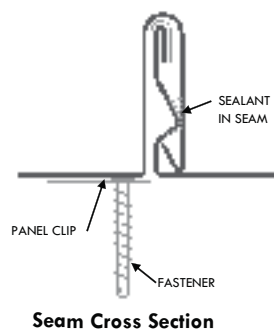
Advantages

- Factory Applied Non-Curing Sealant - for superior watertightness
- Engineered Snap-Together design - for easy installation
- Symmetrical Visual Aesthetics - providing non-directional appearance
- Expansion Clips - allows for thermal expansion and contraction
- Continuous Interlocking Seam - no seam disengagement
- Anti-Siphoning Seam Design - prevents water infiltration
- Continuous Roll Formed Lengths - eliminates need for panel lap joints (4' min. panel length)
- Total System Warranties available - for total confidence

Performance Tested

- UL-580 Wind Uplift
- ASTM E1592 Uniform Static Air Pressure
- ASTM E331 Water Penetration
- ASTM E283 Air Leakage

Please consult DMI for applicability of test reports for your project.



Expansion Clip

DynaClad® PVDF Color Chart

White SRI = 85 **Cobalt Blue** SRI = 20

Panel Width
 12"
 16"
 18" (17.75")

Clip
 Expansion
 16 oz. Copper
 20 oz. Copper

Substrate
 24 ga. Galvalume®
 22 ga. Galvalume®
 .032 Aluminum
 .040 Aluminum

Embossed: _____

Consult DMI for minimum quantities, upcharges, set up fees and extended lead times.

Standard Finishes (N/A on Mill Finishes)
 DynaClad® PVDF: _____
 Acrylic Coated Galvalume (Acrylume®)
 Clear Anodized Aluminum

Premium Finishes*
 DynaClad® Metallic PVDF: _____
 DynaClad® Brite Red PVDF
 DynaClad® Cobalt Blue PVDF
 DynaClad® Standard Color PVDF w/ Clearcoat: _____
 DynaClad® Premium Color PVDF w/ Clearcoat: _____
 Custom Color: _____

*Premium Colors subject to minimum quantities, extended lead times and upcharges. Consult DMI for details.

Warranty
 Finish
 DynaClad® Paint Finish
 Galvalume® 20 Year - 6 Month (Substrate)
 Aluminum Sheet 2 Year (Substrate)
 Watertight
 DynaClad® Metal Roofing System: _____
 DynaClad® Metal Roofing System NDL: _____

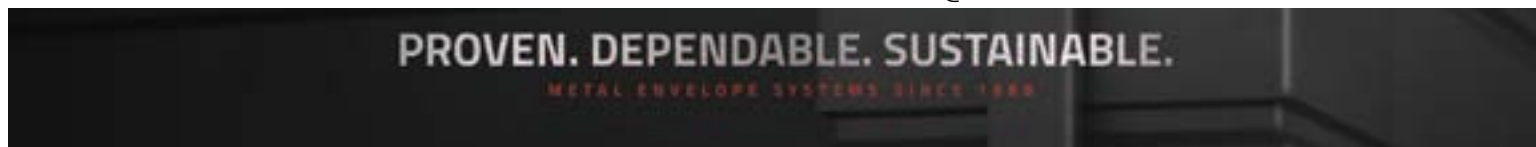
Custom Colors Available

Colors shown are samples and may vary slightly from actual material. Please consult DMI Color Chart for stocking color availability.
 †Metallic colors are directionally sensitive and therefore entire roof areas should be ordered at once time to ensure uniformity.
 Double Male Panel is not available in Metallic Colors.
 *Brite Red has a clear coat. **Premium colors carry an upcharge.

Since 1988 Dimensional Metals, Inc. (DMI) has specialized in the manufacturing of architectural metal roof and wall panel systems as well as fabricated architectural sheet metal for the construction industry. We are backed by decades of proven metal envelope design, dependable Technical Field Services, and an Engineering Department delivering sustainable solutions. You are sure to find the product that will best enhance your design.

NOTE: SPECIFIC MANUFACTURER IS SHOWN AS EXAMPLE ONLY AND MAY DIFFER FOLLOWING SAME SPECIFICATIONS

ROOFING - STANDING SEAM



TECHNICAL BULLETIN - PRODUCT SIZE INFORMATION

Trim

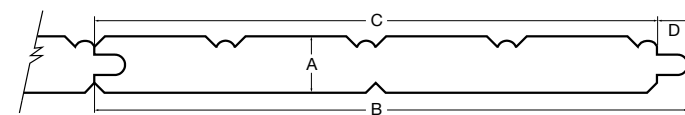
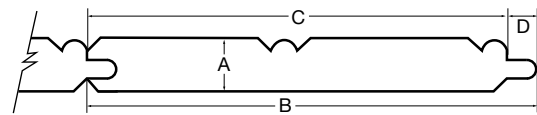
5/8 Trim Sizes		1X Trim Sizes		5/4 Trim Sizes		2X Trim Sizes	
Nominal	Actual	Nominal	Actual	Nominal	Actual	Nominal	Actual
—	—	—	—	—	—	2 x 2	1 1/2" x 1 1/2"
—	—	1 x 3	3/4" x 2 1/2"	5/4 x 3	1" x 2 1/2"	—	—
5/8 x 4	5/8" x 3 1/2"	1 x 4	3/4" x 3 1/2"	5/4 x 4	1" x 3 1/2"	2 x 4	1 1/2" x 3 1/2"
—	—	1 x 5	3/4" x 4 1/2"	5/4 x 5	1" x 4 1/2"	—	—
5/8 x 6	5/8" x 5 1/2"	1 x 6	3/4" x 5 1/2"	5/4 x 6	1" x 5 1/2"	2 x 6	1 1/2" x 5 1/2"
5/8 x 8	5/8" x 7 1/4"	1 x 8	3/4" x 7 1/4"	5/4 x 8	1" x 7 1/4"	2 x 8	1 1/2" x 7 1/4"
5/8 x 10	5/8" x 9 1/4"	1 x 10	3/4" x 9 1/4"	5/4 x 10	1" x 9 1/4"	2 x 10	1 1/2" x 9 1/4"
5/8 x 12	5/8" x 11 1/4"	1 x 12	3/4" x 11 1/4"	5/4 x 12	1" x 11 1/4"	2 x 12	1 1/2" x 11 1/4"

Note: All TruExterior[®] Products are available in standard 16' lengths. 12' and 20' lengths are also available in 4/4, 5/4 and 2x Trim.

Beadboard

Single Beadboard				
Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Tongue (E)
5/8 x 4	0.625"	3.50"	3.16"	0.34"
5/8 x 6	0.625"	5.25"	4.91"	0.34"

Double Beadboard				
Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Tongue (D)
5/8 x 8	0.625"	6.50"	6.16"	0.34"
5/8 x 12	0.625"	10.25"	9.91"	0.34"



1. Certificates and Listings

- a. Cal Fire (WUI): CA SFM 12-7A-1 Listing No. 8140-2134:0101
- b. Pre-consumer Recycled Content: SCS Global Certification—Minimum 70%

2. Properties

- a. Density: ASTM C 1185, 40-50 lb/ft³
- b. Flexural Strength: ASTM C 1185, > 1800 psi
- c. Coefficient of Linear Expansion: ASTM D 6341, < 0.000014 in / (in*oF)
- d. Impact Resistance: ASTM D 6110, > 50 in.

3. Performance

- a. Fungi Rot: AWWA E10, Brown Rot-Negligible Loss, White Rot-Negligible Loss
- b. Termite Resistance: AWWA E1, > 9.0
- c. Water Absorption: ASTM D 570, < 1.5%
- d. Flame Spread: ASTM E 84, < 200

4. Manufacturing Tolerances

- a. Width: ± 1/16 in.
- b. Thickness: ± 1/16 in.
- c. Length: +2.0 / -0.0 in.



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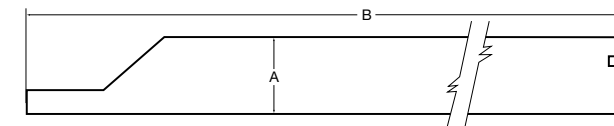
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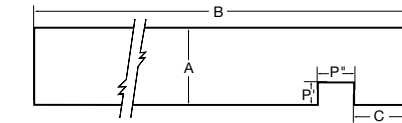
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Accessories

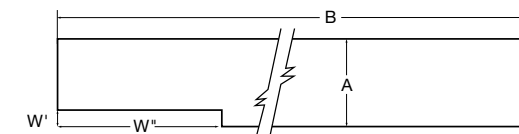
Skirt Board		
Nominal Size	Actual Thickness (A)	Actual Width (B)
1 x 6	0.75"	5.50"
1 x 8	0.75"	7.25"
5/4 x 6	1.0"	5.50"
5/4 x 8	1.0"	7.25"



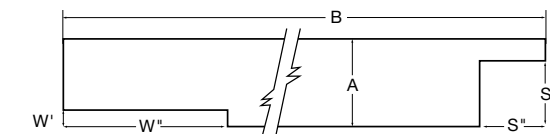
Plowed Fascia				
Nominal Size	Actual Thickness (A)	Actual Width (B)	Distance to Edge (C)	Pocket (P' x P'')
1 x 6	0.75"	5.50"	0.625"	0.375" x 0.5"
1 x 8	0.75"	7.25"	0.625"	0.375" x 0.5"



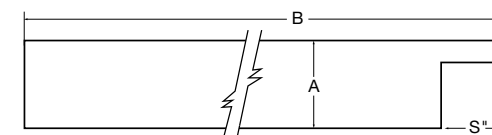
Rabbeted Trim with Window Pocket			
Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')
5/4 x 4	1.0"	3.50"	0.187" x 1.88"
5/4 x 6	1.0"	5.50"	0.187" x 1.88"
5/4 x 8	1.0"	7.25"	0.187" x 1.88"



Rabbeted Trim with Window and Siding Pocket				
Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')	Siding Pocket (S' x S'')
5/4 x 4	1.0"	3.50"	0.187" x 1.88"	0.75" x 0.75"
5/4 x 6	1.0"	5.50"	0.187" x 1.88"	0.75" x 0.75"
5/4 x 8	1.0"	7.25"	0.187" x 1.88"	0.75" x 0.75"



Rabbeted Trim with Siding Pocket			
Nominal Size	Actual Thickness (A)	Actual Width (B)	Siding Pocket (S' x S'')
5/4 x 3	1.0"	2.50"	0.75" x 0.75"
5/4 x 4	1.0"	3.50"	0.75" x 0.75"
5/4 x 5	1.0"	4.50"	0.75" x 0.75"
5/4 x 6	1.0"	5.50"	0.75" x 0.75"
5/4 x 8	1.0"	7.25"	0.75" x 0.75"



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SIDING + TRIM

WAC LIGHTING

Caliber

Outdoor Wall Sconce 3000K

Model & Size	Color Temp & CRI	Watt	Lumens	Finish
<input type="radio"/> WS-W36614 14" - 2 Lights	<input type="radio"/> 3000K 90	21W	1140	<input type="radio"/> AL Brushed Aluminum <input type="radio"/> BK Black <input type="radio"/> BZ Bronze

Example: **WS-W36614-BZ**

For custom requests please contact customs@wacighting.com

DESCRIPTION

Light projection tuned with precision.

FEATURES

- Discrete cylinder with minimal mounting hardware
- Weather-resistant powder coated finish
- WS-W36614 is Up & down light, WS-W36610 is one direction
- Light engine is factory sealed for maximum protection from the elements
- Driver concealed within the fixture
- 5 year warranty

SPECIFICATIONS

Color Temp:	3000K
Input:	120-277V,50/60Hz
CRI:	90
Dimming:	ELV: 100-10%
Rated Life:	72000 Hours
Mounting:	Can be mounted on wall in all orientations
Standards:	ETL, cETL,IP65 Wet Location Listed
Construction:	Aluminum hardware with lens diffuser

Fixture Type: _____

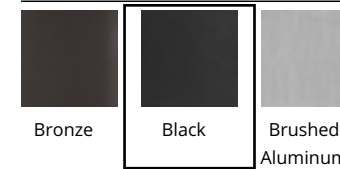
Catalog Number: _____

Project: _____

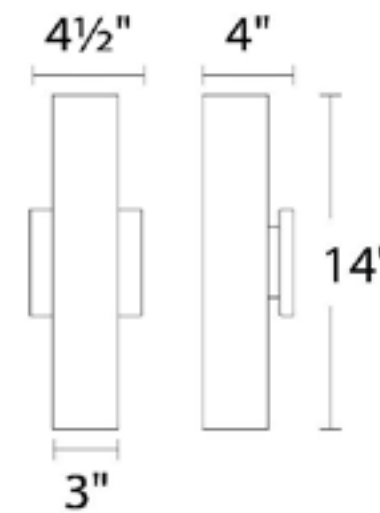
Location: _____



FINISHES:



LINE DRAWING:



WS-W36614

LIGHT FIXTURES



SNOWDON RESIDENCE

BEXLEY ARB REVIEW

2711 BRENTWOOD RD | BEXLEY, OH

GR
AID
architects