

CITY OF GLENDALE, CA

DESIGN REVIEW STAFF REPORT - SINGLE FAMILY

May 25, 2023 1546 Grandview Avenue

Decision Address

Administrative Design Review (ADR) 5629-006-012

Review Type APN

PADR-000939-2023 Nareg Khodadadi

Case Number Applicant

Kasey Conley Ani Muradyan

Case Planner Owner

Project Summary

The applicant is proposing to construct an 1,840-square-foot one-story addition at the rear of the existing 1,604-square-foot, one-story, single-family residence designed in the Minimal Traditional style and built in 1946. The project will also include a covered patio at the rear of the building, replacement of windows and doors, and an ADA accessible ramp at the front entrance.

The property is a contributor to South Cumberland Heights Historic District.

Environmental Review

The project is exempt from CEQA review as a Class 1 "Existing Facilities" exemption pursuant to Section 15301 of the State CEQA Guidelines because it is a minor addition to an existing building. It is also exempt as a Class 31 "Historic Restoration or Rehabilitation" pursuant to Section 15331 of the State CEQA Guidelines because the project will result in the residence remaining a contributor to the South Cumberland Heights Historic District.

Existing Property/Background

The property is in the RI (Low Density Residential) Zone District I and in the South Cumberland Heights Historic District. The South Cumberland Heights Historic District was designated in November 2021 and the existing one-story residence is identified as a contributor to the district.

Staff Recommendation

Approve

Last Date Reviewed / Decision

First time submittal for final review.

Zone: RI-I-HD **FAR District: I**

Although this design review does not convey final zoning approval, the project has been reviewed for consistency with the applicable Codes and no inconsistencies have been identified.

Active/Pending Permits and Approvals

Site Slope and Grading

None proposed.

Neighborhood Survey

	Average of Properties within 300 linear feet of subject property	Range of Properties within 300 linear feet of subject property	Subject Property Proposal
Lot size	15,248 square feet	5,700-35,880 square feet	17,925 square feet
Setback	47'	25'-150'	50'4"
House size	2,355 square feet	1,341-4,926 square feet	3,482
Floor Area Ratio	0.15	0.07-0.31	0.19
Number of stories	1	1-2	1

DESIGN ANALYSIS

Site Planning

e the following items satisfactory and compatible with the project site and surrounding ea?
Building Location ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Setbacks of buildings on site ☐ Prevailing setbacks on the street ☐ Building and decks follow topography
The addition is appropriately located directly behind the existing house. The addition is stepped in at the north façade from the original corner of the building as well as at the south façade behind the existing attached garage. The additions remain out of the interior setbacks and no alterations to the front setback will occur.
Garage Location and Driveway ⊠ yes □ n/a □ no
If "no" select from below and explain: □ Predominant pattern on block

 □ Compatible with primary structure □ Permeable paving material □ Decorative paving The existing garage will remain with a 180 square-foot addition at the rear achieved by
elongating the existing hipped-roof form which dies into the new roof over the proposed addition along this side.
Landscape Design ⊠ yes □ n/a □ no
 If "no" select from below and explain: □ Complementary to building design □ Maintains existing trees when possible □ Maximizes permeable surfaces □ Appropriately sized and located
Walls and Fences □ yes ⊠ n/a □ no
 If "no" select from below and explain: □ Appropriate style/color/material □ Perimeter walls treated at both sides □ Retaining walls minimized □ Appropriately sized and located
Determination of Compatibility: Site Planning
The proposed site planning is appropriate, as modified by any proposed conditions, to the site and its surroundings for the following reasons:
 The addition is appropriately located behind the house and is stepped in from the existing corners to create a differential between the existing and new. The street front setback along Grandview Avenue will not be altered. Landscaping and trees along the front façade will be retained and the site will exceed the required minimum 40% open space requirement. The addition at the rear of the garage will not alter the existing garage's appearance or its relationship with the existing house/lot.
Massing and Scale Are the following items satisfactory and compatible with the project site and surrounding area?
Building Relates to its Surrounding Context ⊠ yes □ n/a □ no
 If "no" select from below and explain: □ Appropriate proportions and transitions □ Relates to predominant pattern □ Impact of larger building minimized

Though the addition is large, it is entirety located behind the existing house. The new roof is somewhat visible at the southern end of the primary façade and along the side facades, but its simple hipped form is lower in height than the original roof, ensuring that the massing of the new does not overpower the existing.

Building Relates to Existing Topography ⊠ yes □ n/a □ no
If "no" select from below and explain: □ Form and profile follow topography □ Alteration of existing land form minimized □ Retaining walls terrace with slope
Consistent Architectural Concept ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Concept governs massing and height
Scale and Proportion ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Scale and proportion fit context ☐ Articulation avoids overbearing forms ☐ Appropriate solid/void relationships ☐ Entry and major features well located ☐ Avoids sense of monumentality
Roof Forms ⊠ yes □ n/a □ no
If "no" select from below and explain: □ Roof reinforces design concept □ Configuration appropriate to context The new roof form that is visible over the attached garage at the south mirrors the existing roof forms, is lower in height than the original roof, and is approximately 85 feet from the public right-of-way minimizing its visibility.

Determination of Compatibility: Mass and Scale

The proposed massing and scale are appropriate, as modified by any proposed conditions, to the site and its surroundings for the following reasons:

- The entirety of the addition is set behind the exiting residence, while also stepping in at the corners to ensure that the new massing is minimally visible and respectful of the existing.
- The new roof is simple in design, lower than the main existing roof form, and matches the existing pitch and hipped form.
- The proposed project relates to its surrounding context by remaining a one-story single-family residence with no mass or scale impacts to surrounding buildings.

Design and Detailing

Are the following items satisfactory and compatible with the project site and surrounding area?

Overall Design and Detailing ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Consistent architectural concept ☐ Proportions appropriate to project and surrounding neighborhood ☐ Appropriate solid/void relationships
Entryway ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Well integrated into design ☐ Avoids sense of monumentality ☐ Design provides appropriate focal point
□ Doors appropriate to design A new ADA compliant entry ramp will be added to the entryway of the building retaining most of the existing stairs for continued use. The form of the ramp will follow the existing curved, concrete walkway that leads from the driveway to the entrance. This addition is a minimal alteration of the entryway where all other materials and features will be retained.
Windows ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Appropriate to overall design ☐ Placement appropriate to style ☐ Recessed in wall, when appropriate Existing windows will be replaced with new fiberglass windows that match the existing operation, location, and design of the original windows. New windows, where visible from the street, will be hung and recessed in the openings, with sills and a single, horizontal muntin in each sash as seen on the original windows.
Privacy ⊠ yes □ n/a □ no If "no" select from below and explain:
☐ Consideration of views from "public" rooms and balconies/decks☐ Avoid windows facing adjacent windows
Finish Materials and Color ⊠ yes □ n/a □ no
If "no" select from below and explain: ☐ Textures and colors reinforce design

 ☐ High-quality, especially facing the street ☐ Respect articulation and façade hierarchy ☐ Wrap corners and terminate appropriately The house is currently clad in a non-original textured stucco. The existing house and the addition will be clad in La Habra stucco with a smooth finish for a uniformed look appropriate to the style and period.
Paving Materials ☑ yes □ n/a □ no
If "no" select from below and explain: □ Decorative material at entries/driveways □ Permeable paving when possible □ Material and color related to design
Lighting, Equipment, Trash, and Drainage ⊠ yes □ n/a □ no
If "no" select from below and explain: □ Light fixtures appropriately located/avoid spillover and over-lit facades □ Light fixture design appropriate to project □ Equipment screened and well located □ Trash storage out of public view □ Downspouts appropriately located □ Vents, utility connections integrated with design, avoid primary facades No new lighting is proposed at the front of the property and equipment and trash enclosures are properly screened or out of view.
Ancillary Structures □ yes ⊠ n/a □ no
If "no" select from below and explain: ☐ Design consistent with primary structure ☐ Design and materials of gates complement primary structure

Determination of Compatibility: Design and Detailing

The proposed design and detailing are appropriate, as modified by any proposed conditions, to the site and its surroundings for the following reasons:

- The overall design and architectural concept of the addition will be consistent with the character of the existing residence.
- The finish materials are appropriate to the Minimal Traditional style including smooth stucco finish and composition shingle roofing.
- The window replacements proposed at the front of the house and the new windows and openings at the side facades of the existing house and the addition are consistent with the style and period of the house.

Glendale Historic District Design Guidelines Analysis

Staff believes the current proposal meets the Historic District Design Guidelines and is therefore appropriate to the contributing property. In conformance with the Massing & Additions section for Minimal Traditional style properties, the addition is located to the rear of the existing house. The new hipped roof at the rear will have limited visibility and, though partially visible from the public right-of-way, is lower than the existing roof height so it does not detract from or overwhelm the original building volume. The roof and exterior cladding of the proposed addition will echo the original and be compatible with existing building. The proposed fiberglass windows will mirror the few existing original windowsin operation, location, and divided light pattern. aBecause most of the windows proposed for replacement are not original, the new windows will help make the house more consistent with its style and period of construction. In accordance with the Architectural Details section, the addition is restrained with little to no ornamentation while the existing details on the primary, such as the brick, horizontal wood siding, and hexagonal bay window, will all be retained.

Secretary of the Interior's Standards for Rehabilitation Analysis

Staff believes the proposed work complies with the Rehabilitation Standards as follows:

- 1. A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.
 - The property was developed as a single-family residence and will remain a single-family residence.
- 2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
- The historic appearance and all character-defining features of the property will be retained.
- 3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
 - The addition will be a simple design, in keeping with that of the existing residence, and will not add any elements that create a false sense of history.
- 4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.
 - The property has seen little change over time and no changes since construction have acquired historic significance.
- 5. Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a property shall be preserved.
 - All existing character-defining features at the front portion of the house will remain, including the asymmetrical massing, horizontal wood cladding, brick wainscotting, recessed stoop with brick steps and paneled walls, and hexagonal bay window. The existing side facades make only a limited contribution to the overall character of the property as they are simple in design, yet the addition at the rear is stepped in at either corner of the original building to retain and respect the original volume.

- 6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.
 - As discussed above, no character-defining features will be altered or removed as part of the project. The brick entrance steps will be partially covered with the new ADA compliant ramp, yet most of them will remain visible. The replacement of the windows with compatible windows matching the exiting operation, location, and divided-light pattern is appropriate to the building.
- 7. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means possible.
 - · Not applicable.
- 8. Significant archeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.
 - Not applicable.
- 9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
 - No character-defining features or materials that characterize the property will be destroyed due to the construction of the proposed addition. The asymmetrical massing, horizontal wood cladding, brick wainscotting, recessed stoop with brick steps and paneled walls, and hexagonal bay window will all be retained. The addition will be contained to the rear of the existing building and is differentiated by stepping in the new from the existing building form. The existing residence has minimal ornamentation, and the simple aesthetic of the proposed addition works to minimize its appearance, making the new massing and scale more compatible. The new work will maintain the existing character of the Minimal Traditional style and is compatible with the existing massing, size, scale, and architectural features.
- 10. New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.
 - The single-family residence could be returned to its original size and shape in the
 future. The walls at the rear and the south facades would require reconstruction, but
 the simple design of these facades, which are documented in this application, would
 allow for a faithful replication.

Recommendation / Draft Record of Decision

Based on the above analysis, staff recommends **Return for Redesign.** The following conditions are recommended as part of the approval:

Conditions

No conditions are proposed for this project.

Attachments

- 1. Reduced Plans

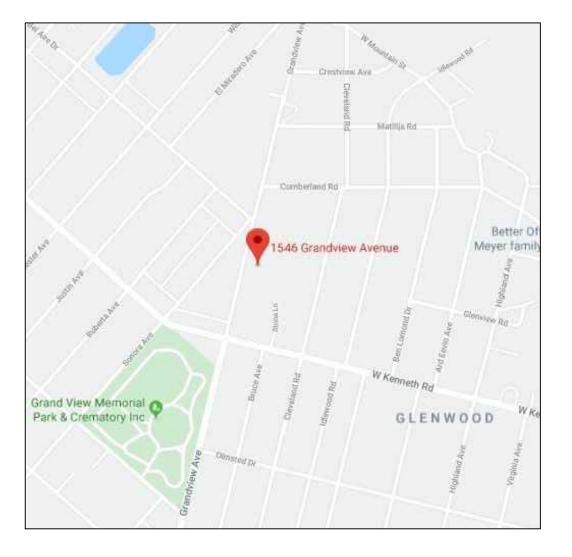
- Photos of Existing Property
 Location Map
 Neighborhood Survey
 South Cumberland Heights Historic District DPR Form

RESIDENTIAL ADDITION & REMODEL

MURADYAN RESIDENCE

1546 GRANDVIEW AVE. GLENDALE, CA 91201

SITE MAP



NOTES

- A. SEPARATE PERMIT IS REQUIRED FOR THE FOLLWING:
 - 1. RETAINING WALL OF BLOCK FENCE WALL
 - 2. GRADING WORK 3. SWIMMING POOL
 - 4. A SEPARATE STRUCTURE

 - SHORING 6. DEMOLITION

A4.1

- STRUCTURAL SHEETS

SCOPE OF WORK

- RESIDENTIAL REMODEL (1,604 SQ. FT.) AND ADDITION OF 1840 SQ. FT. AREA TO EXT'G SFD.
- NEW BASEMENT (MECHANICAL ROOM/STORAGE) (2,439 SQ. FT.)
- NEW COVERED PATIO (450 SQ.FT.)
- ADDITION TO EXT'G 2 CAR GARAGE (180 SQ. FT.) - REPLACEMENT OF ALL WINDOWS & DOOR

SHEET INDEX

ARCHITECTURAL SHEETS:

A0.1	COVER SHEET
A0.2	GREEN & SECURITY NOTES
A1.1	PROPOSED SITE PLAN
A2.0	EXT'G FLOOR PLAN
A2.1	EXT'G ROOF PLAN
A2.2	DEMO PLAN & CALCULATIONS
A2.3	PROPOSED FLOOR PLAN
	DOOR & WINDOW SCHEDULE
A2.4	PROPOSED BASEMENT PLAN
A2.5	PROPOSED ROOF PLAN
A2.6	REFLECTED CEILING PLAN
A2.7	ARCH'L & ROOF DETAILS
A2.8	MATERIALS SPECIFICATION SHEETS
A3.1	EXT'G & NEW FRONT WEST ELEVATION
A3.2	EXT'G & NEW SOUTH ELEVATION
A3.3	EXT'G & NEW REAR WEST ELEVATION
A3.4	EXT'G & NEW NORTH ELEVATION

BUILDING SECTIONS

MECHANICAL SHEETS:

T1	TITLE 24
T1	TITLE 24

S-1	GENERAL NOTES
S-2.1	STANDARD DETAILS
S-2.2	STANDARD DETAILS
S-2.3	STANDARD DETAILS
S-3	FOUNDATION PLAN
S-4	ROOF AND FRAMING PLAN

PROJECT FLOOR PLAN AREA & DATA

LOT AREA	17,925 SQ. F
EXT'G RESIDENCE	1,604 SQ. F
EXT'G 2 CAR GARAGE	400 SQ. F
EXT'G FRONT COVERED PORCH	33 SQ. F
PROPOSED ADDITION	1,840 SQ. F
GARAGE ADDITION	190 SQ. F
NEW BASEMENT FLOOR	2,060 SQ. F
REAR COVERED PATIO	757 SQ. F
TOTAL LIVING AREA	3,444 SQ. F
TOTAL GARAGE AREA	590 SQ. F

FLOOR AREA RATIO

MAX. 30% (OF 10,000) MAX. 10% (OF 7,925)		LIVING AREA (3,444 SQ. FT.) + GARAGE (90 SQ. FT.) = 3,534 SQ.FT.
TOTAL MAX.	3,792.5 SQ. FT.	LOT AREA (17,925 SQ. FT.)

LOT COVERAGE RATIO MAX. 40% - 7,140 SQ. FT.

LIVING AREA (3,444 SQ. FT.)	
GARAGE AREA (590 SQ. FT.)	
EXT'G PORCH (33 SQ. FT.)	
REAR COVERED PATIO (757 SQ. F	T.)
TOTAL: 4,824 SQ. FT.	27 %
LOT AREA (17,925 SQ. FT.)	,,

69 %

LANDSCAPE RATIO LANDSCAPED AREA (12,341 SQ. FT.) LOT AREA (17,925 SQ. FT.) MIN. 40% - 7,140 SQ. FT.

R1 I ZONING 5629-006-012 TRACK NO 7108 RESIDENCE - R3 OCCUPANCY GARAGE - U **CONSTRUCTION TYPE** YEAR BUILT FIRE SPRINKLERS MAIN RESIDENCE - YES

FIRE ZONE CA CLIMATE ZONE

PROJECT SHALL COMPLY W/ THE 2016 CBC, CMC, CEC, CPC, GFD &

SAFETY CODE. CBC SECTION 106.1.1

CALIFORNIA ENERGY CODE AS WELL AS THE 2017 GLENDALE BUILDING &

PROJECT INFORMATION

PROJECT LOCATION 1546 GRANDVIEW AVE GLENDALE, CA 91201

PROJECT DESIGNER DESIGNNRK 213 N. ORANGE ST. UNIT: E GLENDALE, CA 91203 OFFICE: 818.823.7286 FAX: 888.424.8125

OWNER 1546 GRANDVIEW AVE. E-MAIL: INFO@DESIGNNRK.COM GLENDALE, CA 91201

CITY OF GLENDALE PLANNING NOTES

"NO OAK, BAY OR SYCAMORE TREES ARE ON THE PROPERTY OR WITHIN 20 FEET OF THE PROPERTY" RETAINING WALLS, POOLS, SPAS, JACUZZIS, FENCES, REQUIRE SEPARATE PERMIT.

ROOFTOP EQUIPMENT IS PROHIBITED IN THIS ZONE.

GENERAL NOTES

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, GRADES, EXISTING STRUCTURES, AND FIELD CONDITIONS AT THE SITE. BEFORE COMMENCING WORK.

HE SHALL IMMEDIATELY NOTIFY THE DESIGNER AND/OR OWNER.

TYPICAL DETAILS SHALL APPLY IN GENERAL CONSTRUCTION. WHERE NO DETAILS ARE GIVEN, THE CONSTRUCTION SHALL BE AS FOR SIMILAR WORK. OMISSIONS AND/ OR CONFLICTS AMONG THE VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, SPECIFICATIONS, EXISTING STRUCTURES. AND/ OR FIELD CONDITIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER, BEFORE PROCEEDING WITH THE WORK SO INVOLVED.

CONSTRUCTION WORK SHALL NOT CREATE DUST, DIRT, OR OTHER SUCH INCONVENIENCES TO THE OTHER TENANTS.

CONSTRUCTION OPERATION SHALL NOT BLOCK WALKWAYS, OR OTHER MEANS OF EGRESS.

1. ADDRESS NUMBERS: APPROVED ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION SHALL BE PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET, ROAD, ALLEY, AND WALKWAYS GIVING ACCESS TO AND WITHIN THE PROPERTY. THESE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMERALS OR ALPHABET LETTERS. NUMBERS SHALL BE A MINIMUM OF FOUR (4) INCHES (102 MM) HIGH WITH A MINIMUM STROKE WIDTH OF 0.5 INCH (12.7 MM) AND SHALL BE ILLUMINATED IN AN APPROVED MANNER (IF NUMBERS ARE ON THE EXTERIOR). NUMBER HEIGHT AND STROKE WIDTH SHALL BE INCREASED AS NEEDED FOR LEGIBILITY

2. FIRE SPRINKLERS: PROVIDE A COMPLETE AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT THE STRUCTURE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF NFPA 13D AND THE REQUIREMENTS OF THE GLENDALE FIRE DEPARTMENT. FIRE SPRINKLER PLANS SHALL BE SUBMITTED WITHIN 30 DAYS OF

3. SMOKE DETECTORS: SMOKE DETECTORS SHALL BE WIRED TO THE

4. CARBON MONOXIDE DETECTORS: SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE DWELLING UNIT INCLUDING BASEMENTS. ALARMS SHALL BE HARDWIRED FROM THE BUILDING POWER SUPPLY AND EQUIPPED

5. EGRESS: ALL REQUIRED EXITS ARE TO BE OPENABLE FROM THE

6. REQUIRED FIRE DEPARTMENT INSPECTIONS FOR THIS PROJECT ARE LISTED BELOW. FOR ALL INSPECTIONS, CALL 818-548-4810

7. FIRE PERMITS: THE FOLLOWING PERMITS ARE REQUIRED FROM

- FIRE SPRINKLER OVERHEAD/UNDERGROUND ROUGH AND FLUSH
- FIRE SPRINKLER FINAL
- FIRE PREVENTION BUREAU FINAL (ADDRESS SIGNS, EGRESS, FIRE

8. ADDITIONAL REQUIRED GFD INSPECTIONS: FOR INSPECTIONS, CALL 818-548-4810. FIRE DEPARTMENT INSPECTIONS FOR THIS PROJECT ARE: FIRE PREVENTION BUREAU FINAL (ADDRESS SIGNS, EGRESS FIRE DEPARTMENT ACCESS, SMOKE DETECTORS.

FIRE DEPT. NOTES

BASED ON VISIBILITY DISTANCE.

ISSUANCE OF THE BUILDING PERMIT.

BUILDING ELECTRICAL SYSTEM, BE EQUIPPED WITH BATTERY BACKUP, AND EMIT A SIGNAL WHEN BATTERIES ARE LOW. SMOKE ALARMS SHALL BE INTERCONNECTED, SO THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OTHER SMOKE DETECTORS.

IMMEDIATE VICINITY OF THE BEDROOM (2) AND ON EVERY LEVEL OF A WITH BATTERY BACKUP. DETECTORS SHALL MEET U.L. 2034 AND /OR NFPA 720 STANDARDS. 2016 CALIFORNIA RESIDENTIAL CODE CHAPTER 3 SEC. R315

INSIDE WITHOUT KEY OR SPECIAL KNOWLEDGE OR EFFORT.

- (BEFORE COVERING ANY PIPING)
- DEPARTMENT ACCESS, SMOKE DETECTORS, FUEL MODIFICATION, ETC.)

REVISIONS:

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DRAWN BY: 19045

Residential Mandatory Checklist

2019 CALGreen Code

ITEM CODE # SECTION

Building and Safety Division

Community Development Department

Building and Safety Division

Division 4.4 – Material Conservation and Resource Efficiency

Updated: 01/01/2020

Updated: 01/01/2020

GRN 4

as "EV CAPABLE".

Residential Mandatory Checklist

nd alterations not altering the drainage path.)

Construction documents shall show the requirements above.

REQUIREMENTS

Website: https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html)

Grading and paving. Construction plans shall indicate how the site grading or drainage system will

manage all surface water flows to keep water from entering buildings. (Does not apply to additions

Electric vehicle (EV) charging for new construction. New construction shall comply with

EVSE) when installed, shall be in accordance with the California Electrical Code.

4.106.4.1 EV charging for new one- and two-family dwellings and townhouses with attached private

6 4,106,4,2 EV charging for new multi-family dwellings. If residential parking is available on a building site.

CalGreen Sections 4.106.4.1, 4.106.4.2 or 4106.4.3 (items #5, #6 and #7 below) to facilitate the future installation and use of electric vehicle (EV) chargers. Electric vehicle supply equipment

garages. For each dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit (nominal 1-inch inside diameter) that originates at the main service or subpanel and

terminates into a listed cabinet, box or other enclosure in close proximity to the proposed location of

an EV charger. The service panel or subpanel shall provide capacity to install a 40-ampere minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent

protective device. The service panel or subpanel shall be permanently labeled to identify the breaker space as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked

construction shall comply with the following requirements to facilitate future installation and use of electric vehicle (EV) chargers. Plans and electrical load calculations shall clearly show the following:

number of EV spaces shall be rounded up to the nearest whole number.

common use parking area and shall be available for use by all residents.

25 spaces shall comply with at least one of the following options:

charger from the accessible parking space.

spaces (EV spaces) shall comply with the following dimensions:

ne California Building Code, Chapter 2.

Minimum length of each EV space: 18-ft.

Minimum width of each EV space: 9-ft.

Ten-percent (10%) of the total number of parking spaces provided for all types of parking facilities, but in no case less than one, shall be electric vehicle charging spaces (EV spaces)

Where common use parking is provided at least one EV space shall be located in the

Electric vehicle charging station (EV space) dimensions. Electric vehicle charging

capable of supporting future electric vehicle supply equipment. Calculations for the required

Electric vehicle charging stations (EVCS) When EV chargers are installed, one in every

The EV space shall be located adjacent to an accessible parking space meeting the

requirements of the California Building Code, Chapter 11A, to allow use of the EV

The EV space shall be located on an accessible route to the building, as defined in

One in every 25 EV spaces, but not less than one, shall also have an 8-foot wide

minimum aisle (a 5-foot wide aisle is permitted provided the minimum width of the

a 1 unit vertical in 48 units horizontal (2.083 percent) slope in any direction.

accommodating a 208/240-volt dedicated branch circuit. The raceway shall not be less than

nominal 1-inch inside diameter. The raceway shall originate at the main service or subpanel

and shall terminate into a listed cabinet, box or enclosure in close proximity to the proposed

Single EV space electrical requirements. Install a listed raceway capable of

EV space is 12- feet). The surface slope of this EV space and aisle shall not exceed

Updated: 01/01/2020

2019 CALGreen Code

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Updated: 01/01/2020

raceway method(s), wiring schematics and electrical load calculation to verify that the

electrical panel service capacity and electrical system, including any on-site distribution

spaces at the full rated amperage of the EVSE. Plan design shall be based upon a 40-

installed at the time of original construction.

Code, Chapter 11B.

ivision 4.3 – Water Efficiency and Conservation

Plumbing Code.

Verifications (Sec. 703)

Standards Code (CalGreen Code).

Community Development Department

Building and Safety Division

COMPLIANCE STATEMENT

2019 CALGreen Code

ITEM CODE # SECTION

Indoor Water Use (Sec. 4.303)

shown on the construction documents:

Water closets: Maximum 1.28 gallons per flush

minute at 60 psi.

Metering faucets: Maximum 0.25 gallons per cycle.

Performance Requirements (Sec. 4.201)

accordance with the California Electrical Code.

3 4.106.5 Water permeable surface. Provide calculation on site plan to show proposed water permeable

Energy calculations and forms shall be included as part of the plans and drawings.

transformer(s), have sufficient capacity to simultaneously charge all EV's at all required EV

ampere minimum branch circuit. Raceways and related components that are planned to be

installed underground, enclosed, inaccessible or in concealed areas and spaces shall be

Identification. The service panel or subpanel circuit directory shall identify the overcurrent

protective device space(s) reserved for future EV charging purposes as "EV CAPABLE" in

Accessible EV spaces. EV spaces for hotels/motels and all EVSE, when installed shall

comply with the accessibility provisions of EV charging stations in the California Building

surfaces shall not to be less than 20 percent of the total on-grade, residential uncovered parking, walking or patio surfaces. The primary driveway, the primary entry walkway and entry porch or

landing and required accessible routes for persons with disability as required by Chapter 11A and /

or 11B of CBC shall not be included when calculating the area required to be a permeable surface.

Scope. This project shall comply with all applicable energy efficiency requirements as set forth in

 $\textbf{Indoor water use}. \ \ \text{Plumbing fixtures and fittings shall comply with the following and } \underline{\textit{shall be}}$

Single showerheads: Maximum flow rate of 2.0 gallons per minute at 80 psi.

controlled by a single valve shall not exceed 2.0 gallons per minute at 80 psi.

Kitchen faucets: Maximum flow rate of 1.8 gallons per minute at 60 psi.

Multiple showerheads serving one shower: combined flow rate of all showerheads

Urinals: Maximum 0.125 gallons per flush for wall-mounted. Other urinals: 0.5 gallons per

Lavatory faucets within dwelling units: Max flow rate of 1.2 gallons per minute at 60 psi.

Lavatory faucets in common and public use areas: Maximum flow rate of 0.5 gallons per

Plumbing fixtures and fittings shall be installed in accordance with the 2019 California Plumbing

Note: All noncompliant plumbing fixtures in any residential property shall be replaced with water

conserving plumbing fixtures. Plumbing fixtures replacement is required prior to issuance of a

Code and shall meet the applicable standards referenced in Table 1701.1 of the California

limited to: construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the City of Glendale which demonstrates substantial

Compliance Statement. As the design professional or designer of record for this project, I certify

Print Name

that this project will comply with all applicable provisions of the 2019 California Green Building

REVISIONS:

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2019 CALGreen Code

NEW. ADDITION AND ALTERATION The 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CalGreen) requires all of the following provisions. These provisions apply to all newly constructed residential buildings including one- and two-family dwellings townhomes, and multi-family units in low-rise and high-rise residential buildings such as apartments niums, motels and hotels. These provisions also apply to the additions and alterations of existing residential buildings that increase the buildings conditioned area, volume, or size.

RESIDENTIAL MANDATORY MEASURES

Please incorporate these requirements into the plans and sign the compliance statement at the end of this document. Provisions that are underlined and italicized shall be shown on the construction documents. The information listed

evaluation and careful planning to minimize negative effects on the site and adjacent areas. 2 4.106.2 Storm water drainage and retention during construction. Projects which disturb less than acre of soil and are not part of a larger common development, shall manage storm water drain during construction. In order to manage storm store water drainage during construction, one construction.	ITEM #	CODE SECTION	REQUIREMENTS								
Applies to ALL newly constructed residential buildings: low-rise, high-rise and hotels/motels. Chapter 3 – GREEN BUILDING Addition and Alterations Applies to additions or alterations of residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. Requirements only apply within the specific area of the addition or alteration. Chapter 4 – RESIDENTIAL MANDATORY MEASURES Division 4.1 – Planning and Design Site Development (Sec. 4.106) General. Preservation and use of available natural resources shall be accomplished through evaluation and careful planning to minimize negative effects on the site and adjacent areas. Storm water drainage and retention during construction. Projects which disturb less than acre of soil and are not part of a larger common development, shall manage storm water drain during construction. In order to manage storm store water drainage during construction, one of the following measures shall be implemented to prevent flooding of adjacent property, preverosion and retain soil runoff on the site. a. Retention basins of sufficient size shall be utilized to retain storm water on the site. b. Where storm water is conveyed to a public drainage system or gutter, water shall be to by use of a barrier system or wattle approved by the city.	Cha	pter 1 - AD	MINISTRATION								
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of soil, or part of a larger common plan of development which in total disturbs one acre or more of

certificate of final completion, certificate of occupancy, or final approval by the City of Glendale

Outdoor potable water use in landscape areas. Residential developments shall comply with a local water efficiency landscape ordinance or the current California Department of Water

Resources' Model Water Efficiency Landscape Ordinance (MWELO) whichever is more stringent

Landscape plans shall show all outdoor water efficiency features of CalGreen Section 4.304.

Rodent proofing: Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or a similar method acceptable to the city

Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of the nonhazardous construction and demolition waste in accordance with the City of Glendale's Construction and Demolition Waste Reduction and Recycling Plan (CDWRRP) Ordinance. A City approved waste management company/hauler shall be used for recycling of construction waste. Documentation of compliance shall be provided to the City's Building and Safety Division.

Operation and Maintenance manual. The builder shall prepare an Operation and Maintenance Manual as outlined in 2019 CalGreen Section 4.410.1. The manual shall be given to the owner oon final approval by the building inspector. In such case where the property is being sold, it should be given to the new owner at the time of sale. A copy of the manual shall be available for

Recycling by occupants. Where 5 or more multifamily dwelling units are constructed on a building site, provide a readily accessible area(s) that serves all buildings on the site and is identified for recycling. Contact the City's Public Works Integrated Waste Management Division for

Fireplaces. Any installed gas fireplace shall be direct vent sealed combustion type. New wood

Enhanced Durability and Reduced Maintenance (Sec. 4.406)

Construction Waste Reduction, Disposal and Recycling (Sec. 4.408)

Plan form prior to the issuance of the building permit and pay the CDWRRP deposit.

Building Maintenance and Operation (Sec. 4.410)

ne inspector prior to, or at the time of final inspection.

burning masonry fireplaces are not allowed per SCAQMD Rule 445.

details of the City's recycling ordinance.

Fireplaces (Sec. 4.503)

Page 2 of 8 **Community Development Department** Building and Safety Division GRN 4 2019 CALGreen Code

ITEM #	CODE SECTION	REQUIREMENTS				
		Pollutant Control (Sec.4.504)				
17	4.504.1	HVAC system Protection . During the construction process and until final startup of the HVAC system, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other method to reduce the amount of water, dust and debris which may enter the system.				
18	4.504.2	 Finish material pollutant control. Finish material pollutant control, shall comply as follows: a. Adhesives, sealants and caulks used on this project shall comply with SCAQMD Rule 1168 for VOC limits and toxic compounds. Aerosol adhesives, sealants and caulks (in packaging units not more than one pound or 16 fluid ounces) shall comply with statewide VOC standards. b. Paints and coatings shall comply with VOC limits in CalGreen Table 4.504.3. c. Aerosol paints and coatings shall comply with statewide requirements and other requirements noted in CalGreen Section 4.504.2.3 d. Carpet Systems. All carpeting and carpet cushion shall meet the requirements of the Carpet and Rug Institute Green Label Plus Program. Adhesives shall comply with VOC limits in CalGreen Table 4.504.1. e. Resilient flooring. Where installed, 80% of the floor area receiving resilient flooring shall comply with one or more of the standards listed in CalGreen Section 4.504.4. f. Composite wood products used on the interior or exterior of the building shall comply with the formaldehyde limits in CalGreen Table 4.504.5. Verification of compliance with the standards listed above shall be provided upon request to the building inspector. 				
		Interior Moisture Control (Sec. 4.505)				
19	4.505.1	Interior moisture control. Buildings shall meet or exceed the provisions of the California Building Code. a. Concrete Slab foundations. Concrete Slab-ongrade foundations/floors that are required to have a vapor retarder by the California Building Code section 1907 or the California Residential Code section R506, shall have a capillary break consisting of a 4-inch-thick base of ½ inch or larger clean aggregate with a vapor retarder in direct contact with concrete. The concrete mix design shall address bleeding, shrinkage, and curling. For additional information, see American Concrete Institute, ACE 302.2R-06. b. Building materials with visible signs of water damage shall not be installed. Wall and floor framing lumber shall not be enclosed when the framing members exceed 19-persent moisture content. Moisture content shall be verified using one of the methods listed in CalGreen section 4.505.3. c. Insulation products which are visibly wet or have high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities.				
	Indoor Air Quality (Sec.4.506)					

Community Development Department Building and Safety Division GRN 4 2019 CALGreen Code

location of the EV spaces. The service panel and/or subpanel shall provide capacity to install

of a branch circuit over-current protective device. Construction documents shall identify the

Multiple EV spaces electrical requirements. Construction documents shall indicate the

raceway termination point and proposed location of future EV spaces and EV chargers.

Construction documents shall also provide information on amperage of future EVSE

raceway method(s), wiring schematics and electrical load calculation to verify that the

electrical panel service capacity and electrical system, including any on-site distribution

spaces at the full rated amperage of the EVSE. Plan design shall be based upon a 40-

installed at the time of original construction.

TOTAL NUMBER OF

0 to 9 10 to 25

51 to 75

raceway termination point

Residential Mandatory Checklist

101 to 150

201 and over

PARKING SPACES

accordance with the California Electrical Code.

7 4.106.4.3 EV charging for new hotels and motels. If hotel or motel parking is available on a building site

spaces (EV spaces) shall comply with the following dimensions:

Minimum length of each EV space: 18-ft.

Minimum width of each EV space: 9-ft.

transformer(s), have sufficient capacity to simultaneously charge all EV's at all required EV

ampere minimum branch circuit. Raceways and related components that are planned to be

installed underground, enclosed, inaccessible or in concealed areas and spaces shall be

Identification. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging purposes as "EV CAPABLE" in

construction shall comply with the following requirements to facilitate future installation and use of ectric vehicle (EV) chargers. Plans and electrical load calculations shall clearly show the following:

a. Number of required EV spaces. The total number of parking spaces provided for all types

EV spaces shall be rounded up to the nearest whole number and shall be as follows:

Electric vehicle charging station (EV space) dimensions. Electric vehicle charging

accommodating a 208/240-volt dedicated branch circuit. The raceway shall not be less than

nominal 1-inch inside diameter. The raceway shall originate at the main service or subpanel

location of the EV spaces. The service panel and/or subpanel shall provide capacity to install

and shall terminate into a listed cabinet, box or enclosure in close proximity to the proposed

a 40-ampere minimum dedicated branch circuit and space(s) reserved to permit installatio

of a branch circuit over-current protective device. Construction documents shall identify the

Multiple EV spaces electrical requirements. Construction documents shall indicate the

raceway termination point and proposed location of future EV spaces and EV chargers.

Construction documents shall also provide information on amperage of future EVSE,

Single EV space electrical requirements. Install a listed raceway capable of

of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future electric vehicle supply equipment. Calculations for the required number of

NUMBER OF REQUIRED

EV SPACES

At least 6% of total

Updated: 01/01/2020

a 40-ampere minimum dedicated branch circuit and space(s) reserved to permit insta

ITEM #	CODE SECTION	REQUIREMENTS				
		b. Unless functioning as a component of a whole house ventilation system, bathroom exhausifans must be controlled by a humidity control. c. Humidity controls shall be capable of adjustment between 50% and 80% relative humidity. Humidity control may utilize manual or automatic means of adjustment which may be a separate component to the exhaust fan (not required to be built-in).				
	Environmental Comfort (Sec. 4.507)					
21	4.507.2	HVAC system design. HVAC systems shall be sized, designed and have equipment selected using the methods listed in CalGreen Section 4.507.2.				
	Natural Light and Ventilation (Sec. 4.509)					
22	4.509.1 (GBSC)	Natural light and ventilation. Provide calculation of required natural light and ventilation on planshowing the following:				
		a. The minimum glazed area for natural light shall not be less than 10 percent of the floor area of the room served. b. The minimum openable area for ventilation to the outdoors shall be 5 percent of the floor				
		area of being ventilated.				
Cha	pter 7 – INS	TALLER AND SPECIAL INSPECTOR QUALIFICATIONS				
Cha	pter 7 – INS	CTALLER AND SPECIAL INSPECTOR QUALIFICATIONS Qualifications (Sec. 702)				
Cha	702.1					
		Qualifications (Sec. 702)				
23	702.1	Qualifications (Sec. 702) General. New buildings shall comply with the requirements of CalGreen Chapter 7. Installer and training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems and equipment by a recognized training or certification program. a. State certified apprenticeship programs.				
23	702.1	Qualifications (Sec. 702) General. New buildings shall comply with the requirements of CalGreen Chapter 7. Installer and training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems and equipment by a recognized training or certification program. a. State certified apprenticeship programs. b. Public utility training programs. c. Training programs sponsored by trade, labor or statewide energy consulting or verification.				
23	702.1	Qualifications (Sec. 702) General. New buildings shall comply with the requirements of CalGreen Chapter 7. Installer and training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems and equipment by a recognized training or certification program. a. State certified apprenticeship programs. b. Public utility training programs. c. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.				
23	702.1	Qualifications (Sec. 702) General. New buildings shall comply with the requirements of CalGreen Chapter 7. Installer and training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems and equipment by a recognized training or certification program. a. State certified apprenticeship programs. b. Public utility training programs. c. Training programs sponsored by trade, labor or statewide energy consulting or verification.				
23	702.1	Qualifications (Sec. 702) General. New buildings shall comply with the requirements of CalGreen Chapter 7. Installer and training. HVAC system installers shall be trained and certified in the proper installation of HVAC systems and equipment by a recognized training or certification program. a. State certified apprenticeship programs. b. Public utility training programs. c. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations. d. Programs sponsored by manufacturing organizations.				

CalGreen Code.

Residential Mandatory Checklist

the project they are inspecting.

Updated: 01/01/2020 Residential Mandatory Checklis

around the lock to prevent collapsing. 12.7. Aluminum doors shall be constructed per Vol. VII, Section 15.3 of Security Ordinance No. 5581, and shall be equipped with a double cylinder deadbolt with a 1" min. bolt projection or hook shaped or expanding dog bolt to prevent spreading. The deadbolt lock shall have a

Page 8 of 8

13.1. All residential dwellings shall display an address number in a prominent location on the street side of the residence in such a position that the number is easily visible to approaching emergency vehicles. The numerals shall be no less than four (4) inches (102mm) in height and shall be of a contrasting color to the background to which they are attached. In addition, any residence with rear vehicular access through any driveway, alleyway or parking lot shall also display the same numbers on the rear of the building

13.2. Multiple Family Dwelling; Illuminated Diagrams and Identification Numbers: There shall be positioned at each entrance of a multiple family dwelling complex an illuminated diagrammatic representation of the complex which shows the location of:

13.2.3. Each unit that is a "smoking unit and a "non smoking" unit (as governed by Chapter 8.52 of the <u>Glendale Municipal Code</u>, 1995, or any successor legislation); 13.2.4. A smoking permitted area authorized under Section 8.52.130 of the GMC; and 13.2.5. The complex's exits, stairwells, elevators, fire alarm annunciator panels, and standpipes.

14. **Lighting**; **Multiple Family Dwelling**. Lighting in multiple family dwellings shall be as follows:

14.1. Aisles, Passageways and Recesses: Aisles, passageways and recesses related to and within the building complex shall be illuminated with an intensity of at least twenty-five

14.2. Parking Structures, Parking Lots and Carports: Parking structures, parking lots and carports shall be provided with a minimum of two (2) footcandles (21.5 lux) of light on the parking surface during the hours of darkness. Lighting devices shall be protected by weather and

vandalism-resistant covers. Note: These notes are intended as a guide only. Contractor and supplier shall refer to the

SECURITY NOTES:

Residential Mandatory Checklist

Division 4.5 – Environmental Quality



CITY OF GLENDALE **BUILDING AND SAFETY** 633 EAST BROADWAY ROOM 101 (818) 548-3200

SUPPLEMENTAL CORRECTION SHEET SECURITY STANDARDS - RESIDENTIAL

- 1. The following buildings shall comply with the Security Provisions:
 - a. New residential buildings of all types. b. Additions or alterations to residential buildings of all types. c. Multiple family dwelling units converted to privately owned family units (condominiums or
- 2. Identify all security openings clearly on plans. The symbol * may be used, but any system which
- clearly defines security openings will be acceptable.
 - a. Security Openings are defined as: b. All exterior doors of residential buildings.

cooperatives).

- c. The door leading from garage into attached dwelling units. d. Entrance doors to individual apartments or condominiums from a public area.
- e. Any glazed opening within 40" of any door locking mechanism in the closed mechanism. f. Louvered windows within 12' vertically or 6' horizontally of an accessible surface or any adjoining roof, balcony, landing, stair tread, platform, or similar structure.
- g. Openings or windows into public parking areas. h. All openable windows. See Item 4 below.
- 3. Provide details and specifications for all swinging doors in security openings.
 - a. Specify thickness, type, and materials as applicable for wood, metal, and glass doors. b. Specify deadbolts with hardened inserts; dead-locking latch key-operated locks on exterior; locks openable without key, special knowledge or special effort on interior; and type, throw, and embedment of deadbolts for single swing doors, active leaf of dutch door. c. Show means of securing inactive leaf of double door and upper leaf of dutch door.
- Architect shall specify sliding glass doors and openable security windows on plans by trade name. Architect shall provide plan checker with a copy of performance test report prepared by manufacturer or ICC number, indicating compliance with tests as required in the most recent edition
- of the California Building Code.
- Show the method of securing metal or wood overhead or sliding doors. 6. For multiple family dwellings, show illuminated diagram on plans as specified in General Notes,

Rev 01/20 - Page 1 of 4

7. Openings or windows referred to in item 2g above, shall be fully tempered glass or approved burglary resistant material, or shall be protected by metal bars, screens, or grilles. The protective bars or grilles shall not interfere with the operation of opening windows if such windows are required to be openable by this Code.

Indoor air quality and exhaust. Each bathroom (a room which contains a bathtub, shower, or

shower combination) shall be mechanically ventilated and shall comply with the following:

a. Exhaust fans shall be ENERGY STAR compliant and be ducted to terminate outside the

8. In addition to the details and specifications required by items 1 through 7 above, provide appropriate general notes and specifications to comply with Volume VII, Ordinance No. 5892. The following example notes may be used in part or in total as appropriate:

GENERAL NOTES:

All openings marked * are security openings and the following notes shall apply:

1. Each unit in a residential development shall be keyed differently than any other units under the same general plan. A certificate from the lock supplier declaring that all locks supplied to the project are keyed separately shall be acceptable as complying with the above requirements.

Door jambs shall have a solid backing with no voids exist between the strike side of the jamb and

the frame opening for a vertical distance of six (6) inches (153mm) each side of the strike.

3. In wood framing, horizontal blocking shall be placed between studs at door lock height for three (3) stud spaces each side of the door openings. Jambs shall have solid backing against sole plates.

4. Iron or steel screens shall be 1/8" thick with 2" mesh securely fastened.

5. Iron bars shall be 1/2" diameter bars or 1" x 1/4" flat steel spaced at 5" max. securely fastened. 6. Cylinder guards shall be attached with 1/2" connecting screws, and shall be installed whenever the

cylinder projects beyond the face of the door, or is otherwise accessible to gripping tools. 7. Door stops for in-swinging doors shall be integrated (rabetted) with the jamb. Jambs for all doors

shall be constructed or protected so as to prevent violation of the strike. 8. The strike plate for deadbolts on all wood frame doors shall be constructed of at least sixteen (16) U.S. gauge steel, bronze, or brass and secured to the jamb by a minimum of two screws.

Hinges for out-swinging doors shall be equipped with non-removable hinge pins or a mechanical interlock to preclude removal of the door from the exterior by removing the hinge pins.

vertically or 6 feet (1829mm) horizontally from an accessible surface or any adjoining roof, balcony, landing, stair tread, platform, or similar structure. 11. Garage Door Types: Rolling overhead, solid overhead, swing or sliding accordion garage-type doors shall conform to the following standards:

10. Louvered windows shall not be used when any portion of the window is less than 12 feet (3658mm)

11.1. Wood doors shall have panels a minimum of five-sixteenths (5/16) inch (8mm) in thickness with the locking hardware being attached to the support framing.

11.2. Aluminum doors shall be a minimum thickness of .0215 inches (.546mm) and riveted together a minimum of eighteen (18) inches (458mm) on center along the outside seams There shall be a full width horizontal beam attached to the main door structure which shall meet the pilot, or pedestrian access, door framing within three (3) inches (76mm) of the strike area of the pilot or pedestrian access door.

prior to performing any special inspections of any component or system required by the

Special inspectors shall be qualified and able to demonstrate competence to the enforcing agency in the discipline which they are inspecting.

Special Inspectors shall be independent entities with no financial interest in the materials or

(1831 gram/m²) from the bottom of the door to a height of seven (7) feet (2134mm). Panels above seven (7) feet (2134mm) and panels in residential structures shall have a density not less than five (5) ounces per square foot (1526 grams/m²).

11.4. Doors utilizing a cylinder lock shall have not less than a five (5) pin tumbler operation with the locking bar or bolt extending into the receiving guide a minimum of one (1) inch

11.5. Doors exceeding sixteen (16) feet (4877mm) in width shall have two lock receiving points or, if the door does not exceed nineteen (19) feet (5791mm), a single bolt may be used if placed in the center of the door with the locking point located either at the floor or door frame header; or, torsion spring counter balance type hardware may be used. 11.6. Doors with slide bolt assemblies shall have frames a minimum of .120 inches (3mm) in

thickness, with a minimum bolt diameter of one-half (½) inch (13mm) and protrude at least one and one-half (1½) inches (38mm) into the receiving guide. A bolt diameter of threeeights (3/8) inch (10mm) may be used in a residential building. The slide bolt shall be attached to the door with non-removable bolts from the outside. Rivets shall not be used to attach slide bolt assemblies.

12. Swinging Exterior Doors: All exterior swinging doors of any residential building and attached garages (Except for vehicular access doors), including the door leading from the garage area into the dwelling unit shall be equipped as follows:

12.1. All wood doors shall be of solid core construction with a minimum thickness of one and three-fourths (1 3/4 inches (45mm), or with panels not less than nine-sixteenths (9/16) inch (15mm) thick.

12.2. A single or double door shall be equipped with a single cylinder deadbolt lock with a minimum projection of one (1) inch (25.4mm) and be constructed so as to repel cutting tool attack. The deadbolt shall have an embedment of at least three-fourths $(^{3}/_{4})$ inch (19mm) into the strike receiving the projected bolt. The cylinder shall have a cylinder guard, a minimum of five pin tumblers, and shall be connected to the inner portion of the lock by connecting screws of at least one fourth $(^1/_4)$ inch (6.3mm) in diameter. All installation shall be done so that the performance of the locking device will meet the intended anti-burglary requirements. A dual locking mechanism constructed so that both deadbolt and latch can be retracted by a single action of the inside door knob, or lever, may be substituted provided it meets all other specifications for locking devices.

12.3. The inactive leaf of double doors shall be equipped with metal flush bolts having a minimum embedment of five-eights $({}^{5}/{}_{8})$ inch (16mm) into the head and threshold or the door frame.

12.4. Glazing: Glazing in exterior doors or within forty (40) inches (1016mm) of any locking nechanism shall be of fully tempered glass or rated burglary resistant glazing.

12.5. Wide Angle Viewer: Except where clear vision panels are installed, all front exterior doors shall be equipped with a wide angle (180°) door viewer.

Rev 01/20 - Page 3 of 4

12.6. Hollow steel doors shall be a minimum sixteen (16) gauge thick with extra reinforcing

minimum of five (5) pin tumblers and a cylinder guard. 13. Address Number and Identifying Data: Address numbers and other identifying data shall be displayed as follows:

13.2.1. The viewer; 13.2.2. The unit designations within the complex.

In addition, each individual unit within the complex shall display a prominent identification number, not less than four (4) inches (102mm) in height, which is easily visible to approaching vehicular and/or pedestrian traffic. In addition, any multiple family dwelling with rear vehicular access shall also display the same numbers on the rear of the building.

hundredths (.25) of a footcandle (2.7 lux) at the ground level during the hours of darkness. Lighting devices shall be protected by weather and vandalism-resistant covers.

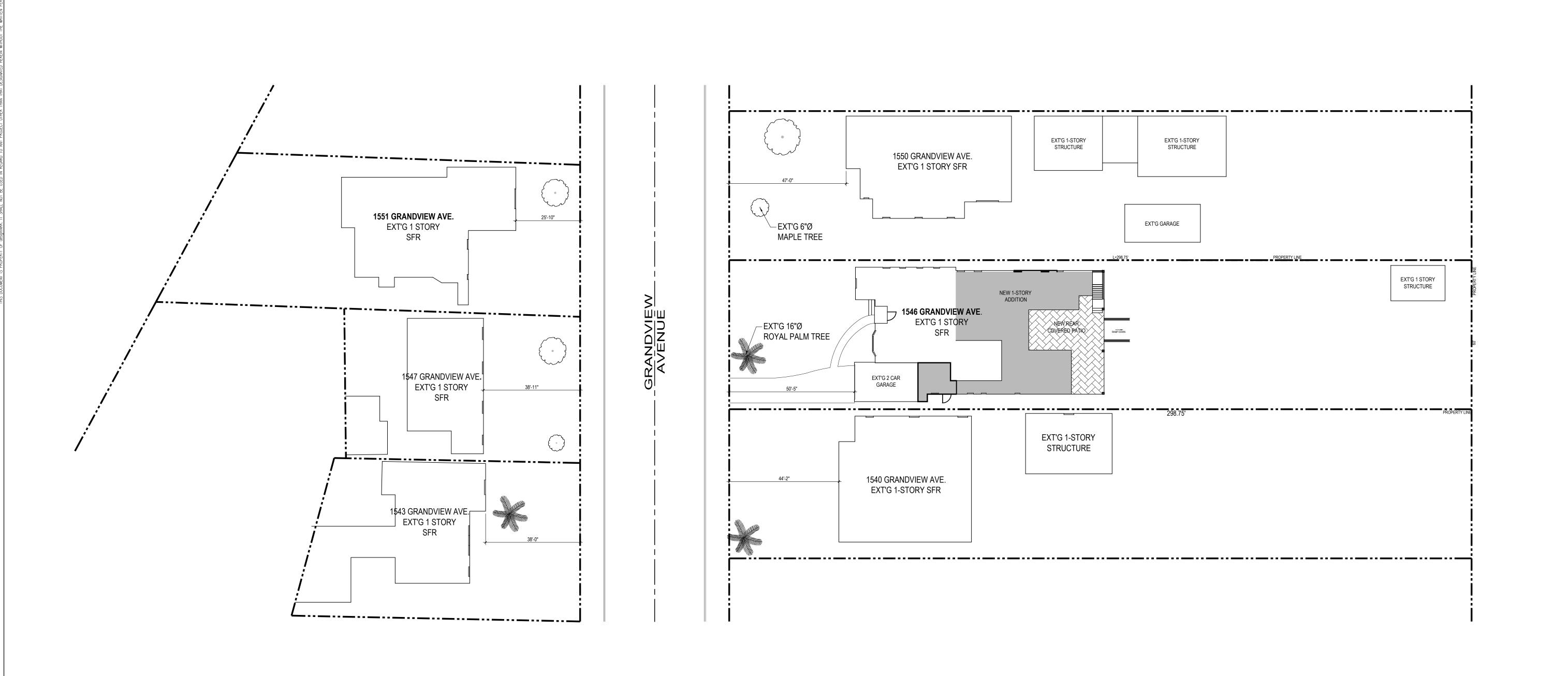
Glendale Building & Safety Code, Volume VII for more complete and specific details.

Rev 01/20 - Page 4 of 4

11.3. Fiberglass doors shall have panels a minimum density of six (6) ounces per square foot

Updated: 01/01/2020





REVISIONS:

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Sidential + lesidential

RESIDENCE

NEIGHBORHOOD MAP

MURADYAN RE

 DATE:
 04/2023

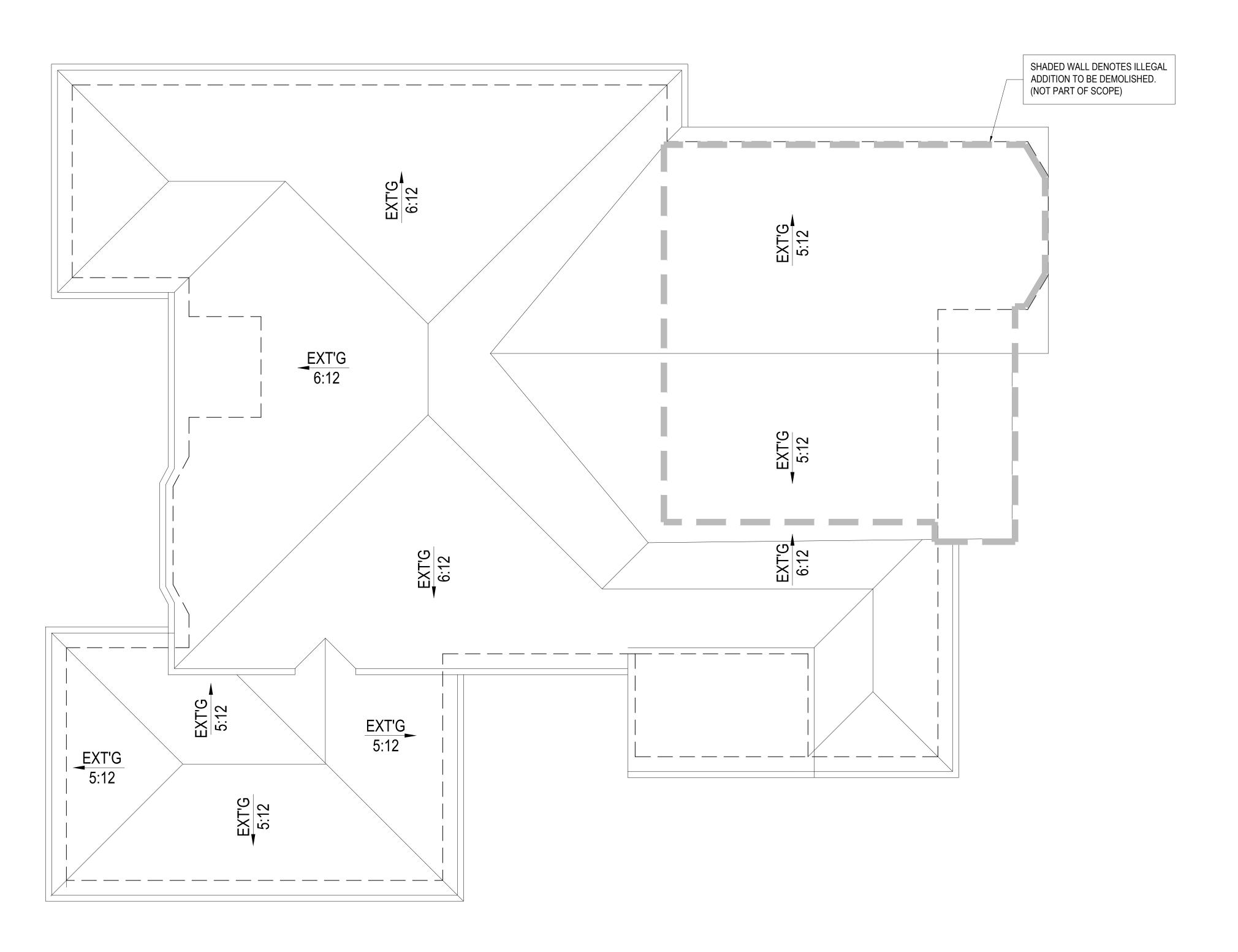
 DRAWN BY:
 NRK

 JOB NO.
 19045

NEIGHBORHOOD MAP

SHEET NO.

A1.2



RESIDENCE

EXT'G FLOOR PLANS
MURADYAN RE

DATE: 04/2023

DRAWN BY: NRK

JOB NO. 19045

SHEET NO.

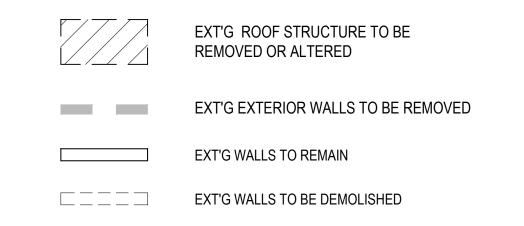
A2.1

EXISTING ROOF PLAN

SCALE : 1/4" = 1'-0"

DEMO CALCULATIONS:

EXT'G TOTAL EXTERIOR WALL AREA: 265'-10" (LINEAR FT.) @ 9'-0"AVERAGE WALL : 2,392 SQ. FT. EXTERIOR WALLS TO BE REMOVED: 119'-4" (LINEAR FT.) @ 9'-0"AVERAGE WALL : 1,074 SQ. FT. 45% PERCENTAGE EXT'G TOTAL ROOF STRUCTURE AREA: 2,328 SQ. FT. ROOF STRUCTURE TO BE REMOVED OR ALTERED : 1,003 SQ. FT. PERCENTAGE 43% 4,720 SQ. FT. TOTAL EXTERIOR WALL & ROOF AREA: TOTAL WALL AREA & 2,077 SQ. FT. ROOF AREA TO BE REMOVED : OVERALL PERCENTAGE OF DEMOLITION 44%



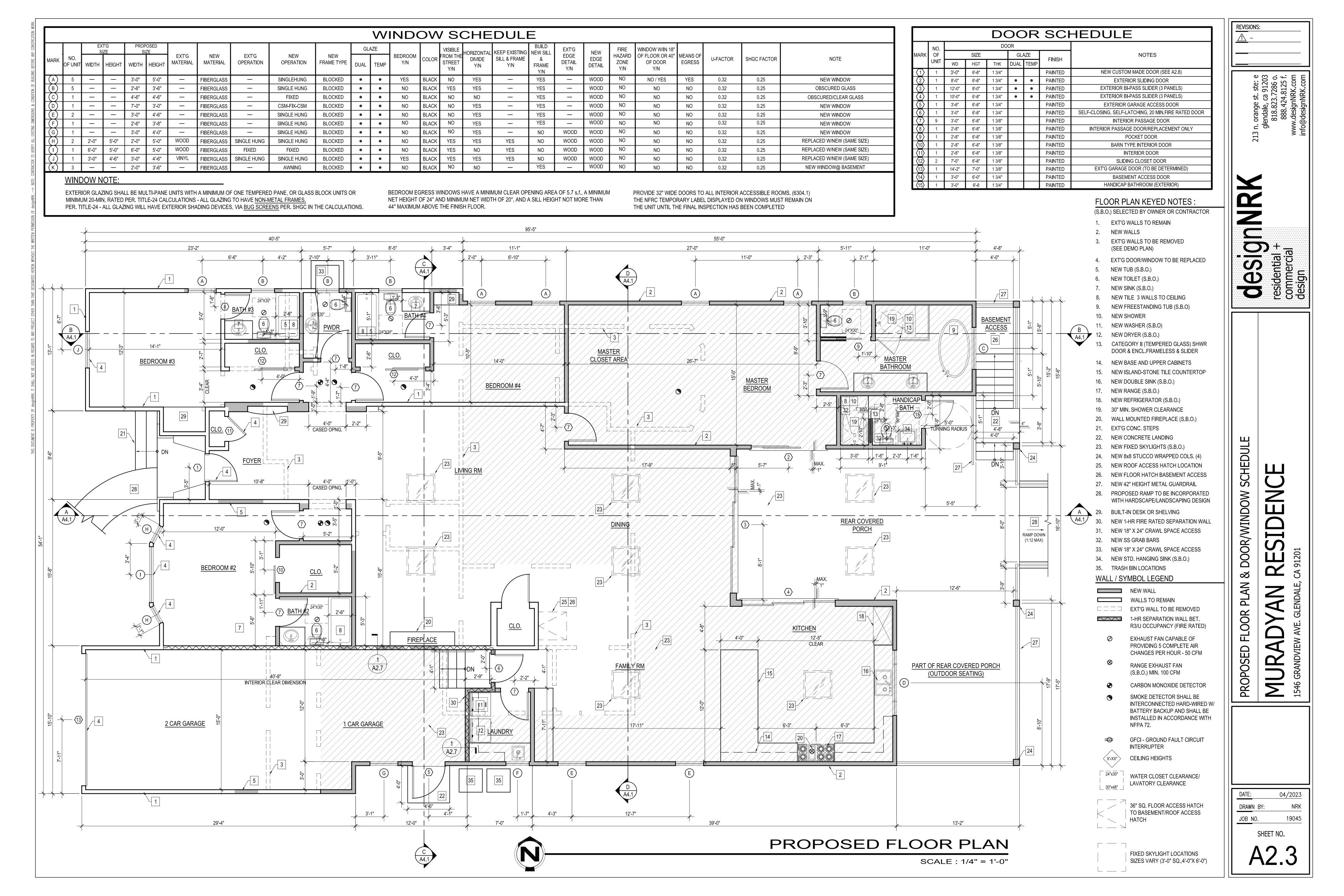
DEMOLITION NOTE:

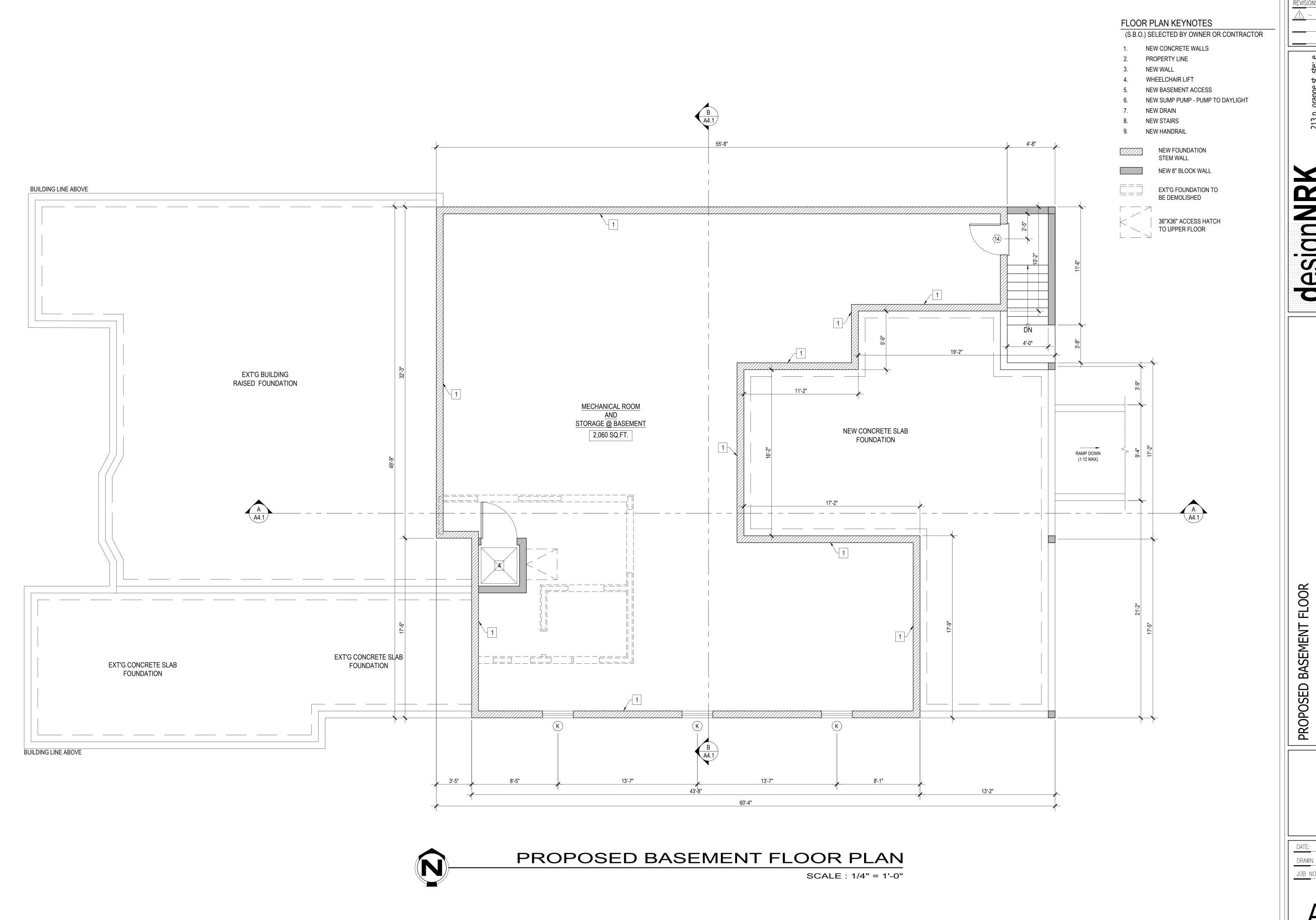
- AS PART OF SCOPE OF WORKS. SEE DOOR-WINDOW SCHEDULE.

- ALL DOOR/WINDOWS ARE TO BE REPLACED WITH **NEW**
- PATCH UP WALL OPENINGS WHERE OCCURS.
 REMOVE ALL EXT'G FIXTURES AS SPECIFIED ON THE PLAN. INCLUDES ALL EXT'G FITTINGS & EXT'G PLUMBING LINE.

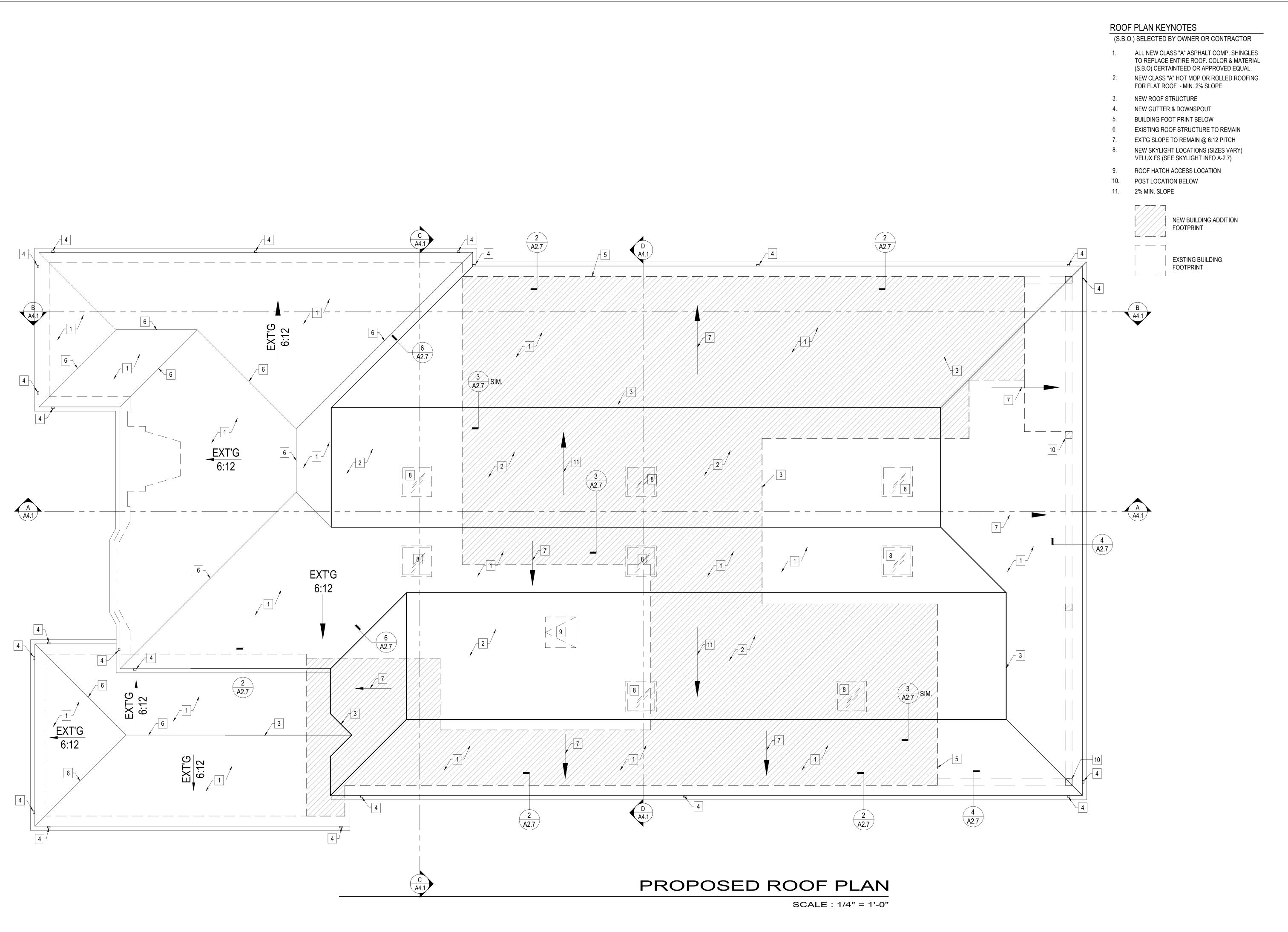
SHEET NO.

DEMO PLAN AND CALCULATIONS SCALE : 1/4" = 1'-0"





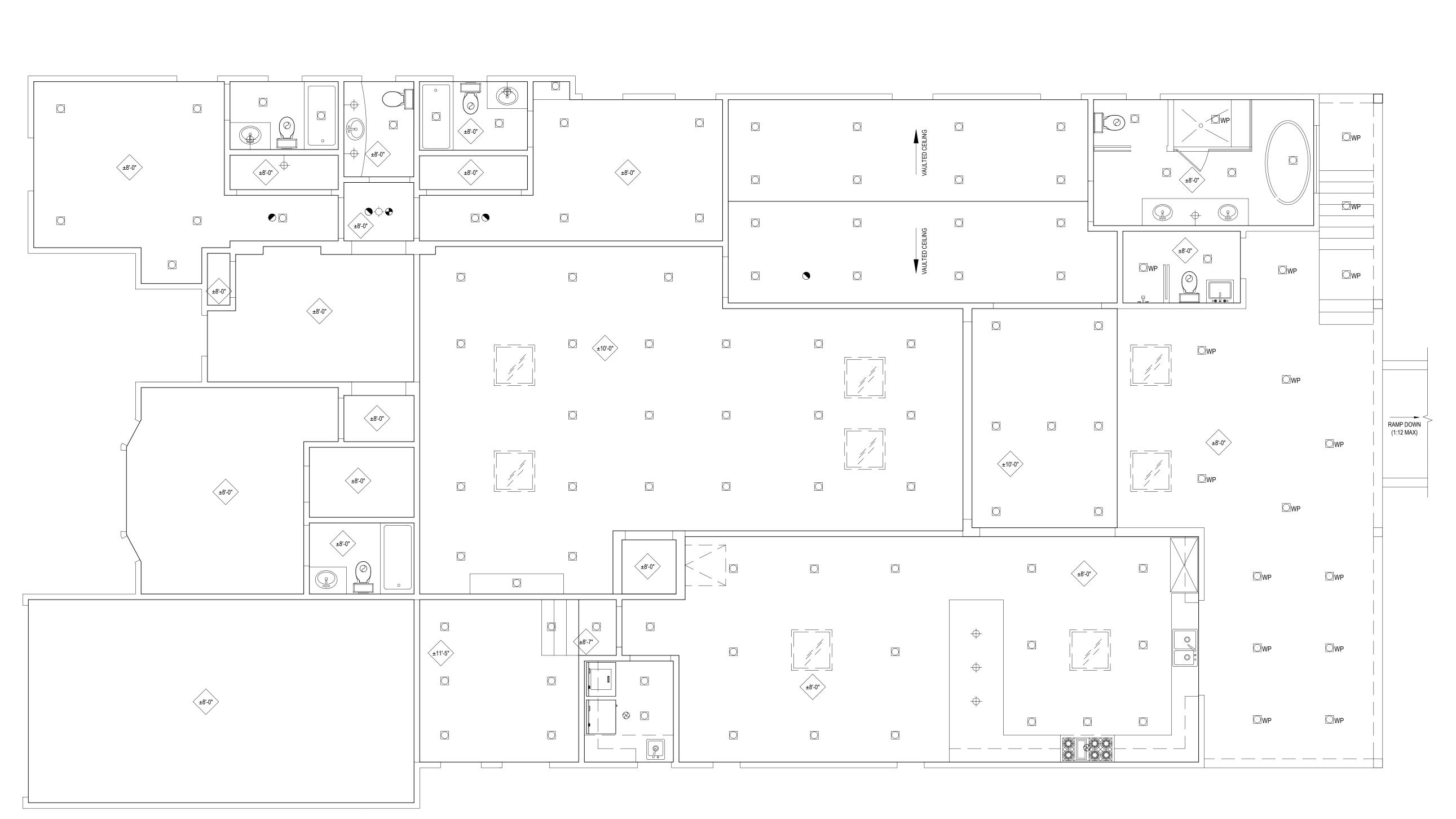
REVISIONS:



RESIDENCE 5, CA 91201 PROPOSED ROOF PLAN

MURADYAN 1546 GRANDVIEW AVE. GLENDALE,

DRAWN BY: JOB NO. SHEET NO.



ROOF PLAN KEYED NOTES:

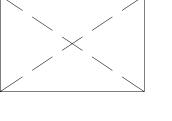
(S.B.O.) SELECTED BY OWNER OR CONTRACTOR

1. NEW CLASS "A" ROOF: CERTAINTEED ASPHALT SHINGLES ICC ESR-1389 OR APPROVED EQUAL. COLOR (S.B.O)

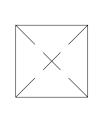
- 2. EXT'G 4:12 ROOF PITCH
- NEW METAL GUTTERS (S.B.O.)
- 4. DOWNSPOUT LOCATIONS
- 5. OUTLINE OF WALL BELOW
- 6. EXT'G RIDGE TO REMAIN
- 7. (16) O'HAGIN COMPOSITION SHINGLE VENTS MODEL: LOW PROFILE TAPERED STANDARD W/ 1/4" SCREEN. 2021 ICC-ES LEGACY REPORT SBCC1-9650A CITY OF LOS ANGELES RR25497 (CSI#10230)
- 8. NEW RIDGE (SEE ROOF FRAMING)
- 9. NEW VELUX FIXED FLAT ROOF SKYLIGHT MODEL FCM 3434 ICC ESR 4108
- 10. NEW VELUX FIXED FLAT ROOF SKYLIGHT MODEL FCM 4646 ICC ESR 4108

RCP/LIGHTING LEGEND:

RECESSED FIXTURE RECESSED FIXTURE WEATHER PROOF CEILING MOUNTED CEILING (HANGED) FIXTURE WALL MOUNTED



4'-0" X 6'-0" FIXED SKYLIGHT



3'-0" X 3'-0" FIXED SKYLIGHT



FLAT CEILING (HEIGHT)

VAULTED CEILING

EXHAUST FAN CAPABLE OF PROVIDING 5 COMPLETE AIR CHANGES PER HOUR - 50 CFM

EXHAUST FAN (S.B.O.) MIN. 100 CFM

CARBON MONOXIDE DETECTOR SMOKE DETECTOR SHALL BE

INTERCONNECTED HARD-WIRED W/ BATTERY BACKUP AND SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72.



36"X36" CEILING ACCESS HATCH TO ROOF

REFLECTED CEILING PLAN

SCALE : 1/4" = 1'-0"

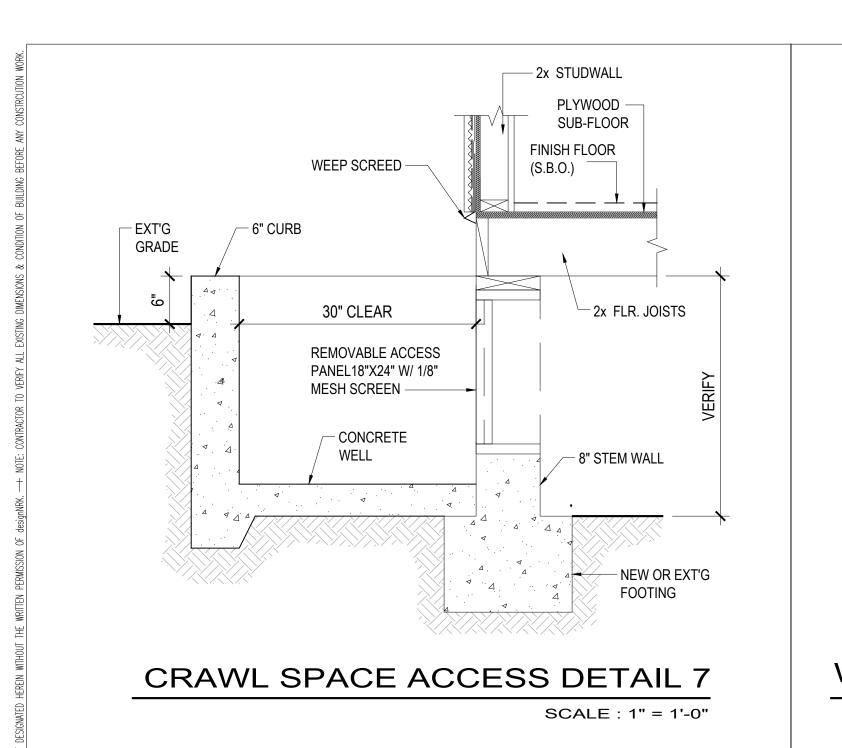
REVISIONS:

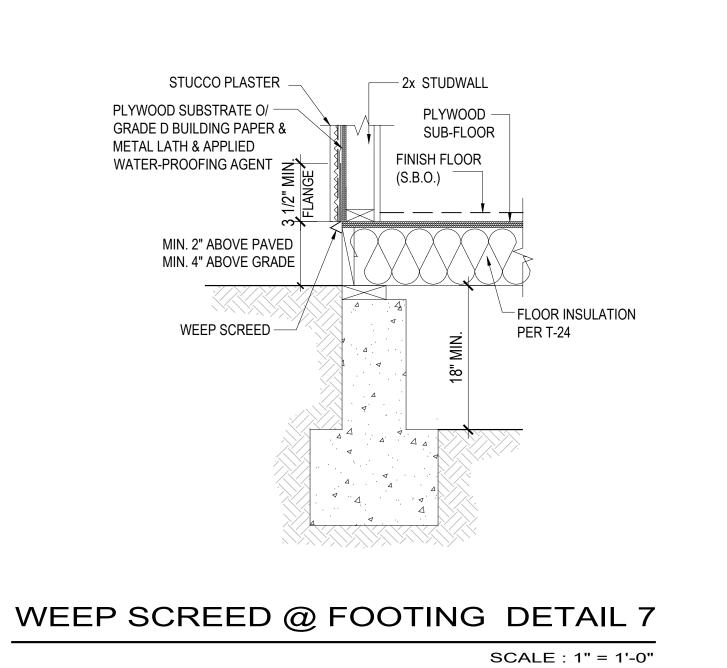
GESIGN NRK residential + commercial design

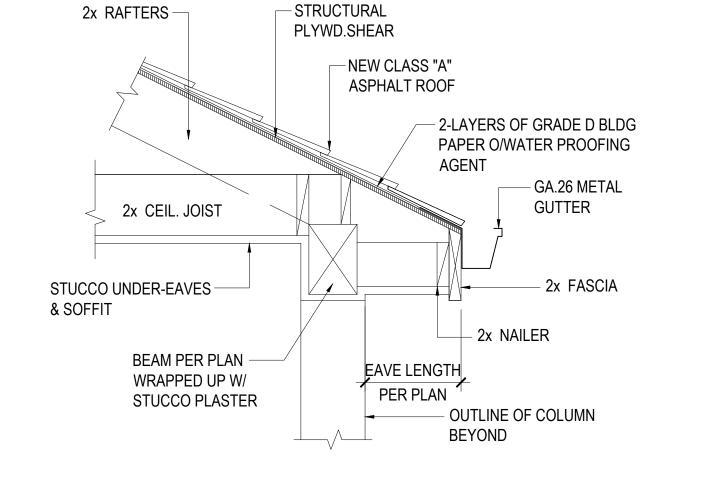
RESIDENCE E, CA 91201 **CEILING PLAN**

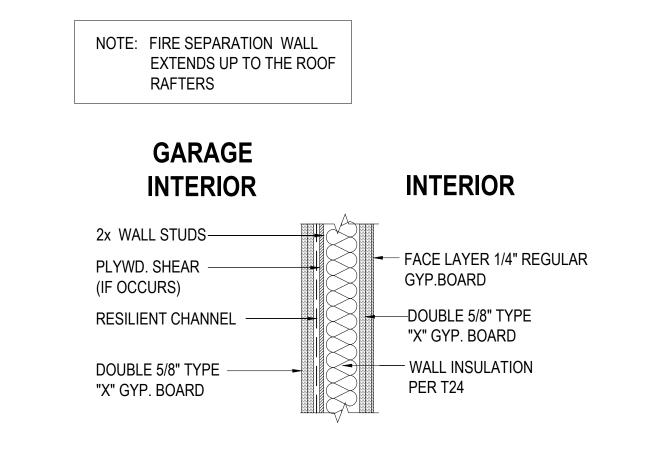
MURADYAN 1546 GRANDVIEW AVE. GLENDALE,

04/2023 DRAWN BY: JOB NO. 19045







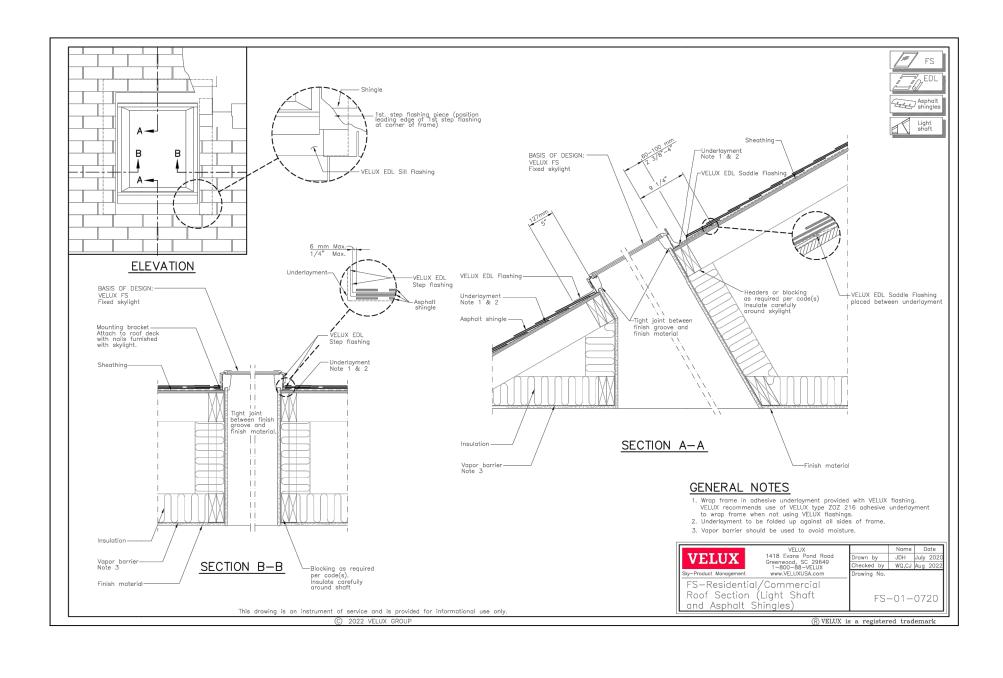


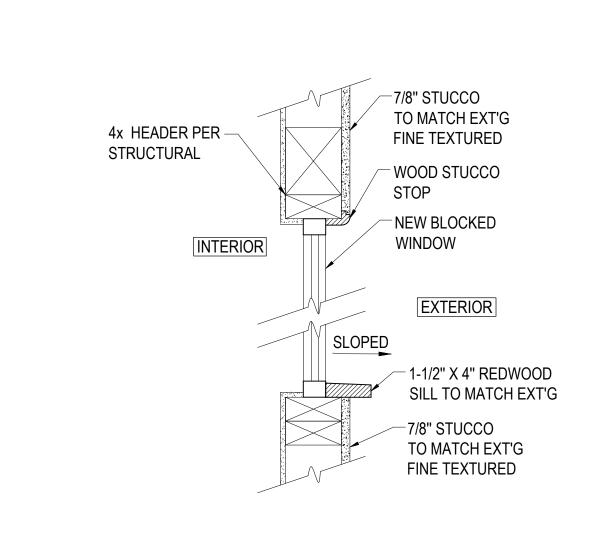
ROOF EAVE @ COLUMN DETAIL 4

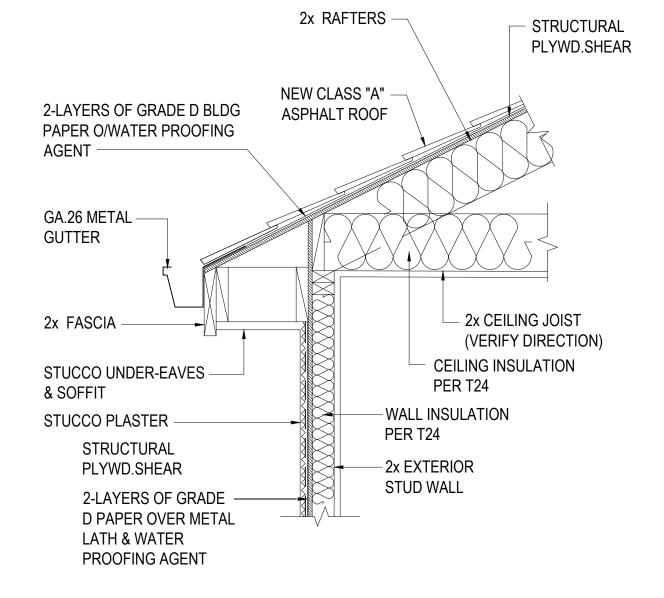
SCALE : 1" = 1'-0"

1-HOUR FIRE RATED WALL DETAIL 1

SCALE : 1" = 1'-0"



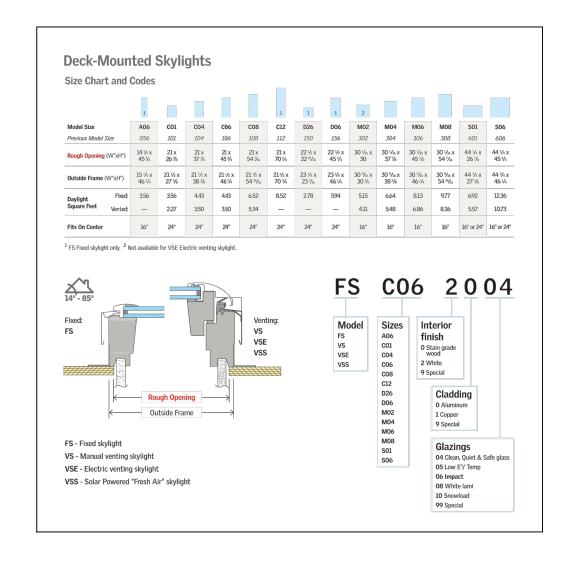


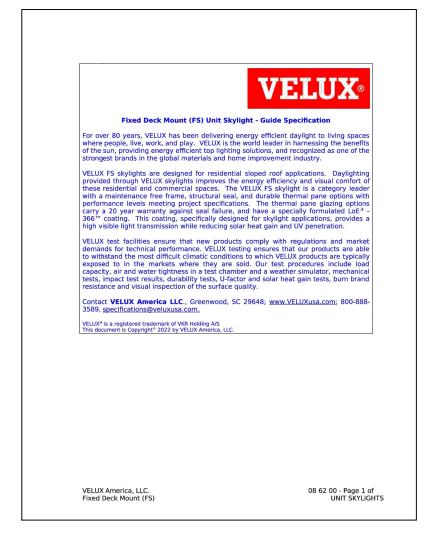


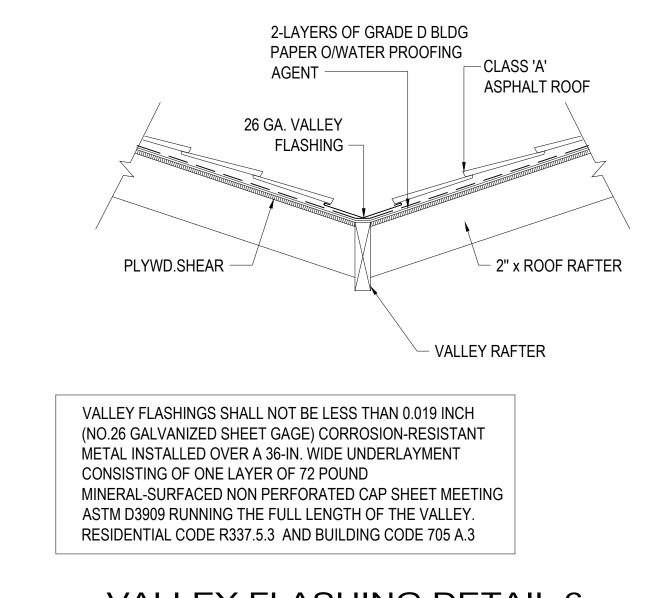
BLOCKED WINDOW DETAIL 5

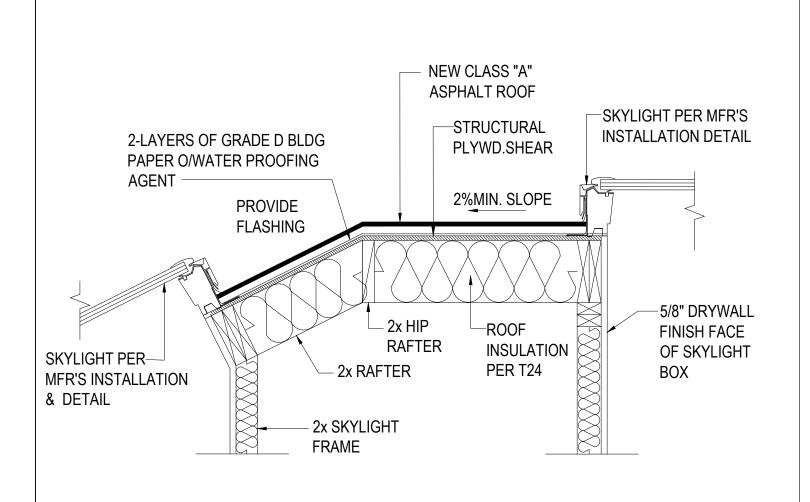
NOT TO SCALE











RAFTER-SKYLIGHT FRAMING DETAIL 3

SCALE : 1" = 1'-0"

VELUX FS SKYLIGHT INFORMATION NOT TO SCALE VALLEY FLASHING DETAIL 6 SCALE : 1" = 1'-0"

DETAIL **R00F ARCHITECTURAL** \triangleleft

REVISIONS:

design NRK

residential + commercial design

JOB NO. 19045 SHEET NO.

DRAWN BY

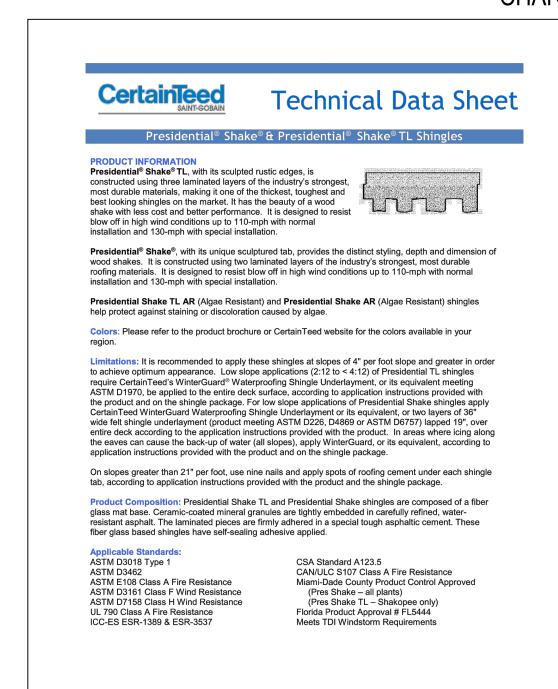
04/2023

NRK

GO VISIT: www.custommade.com



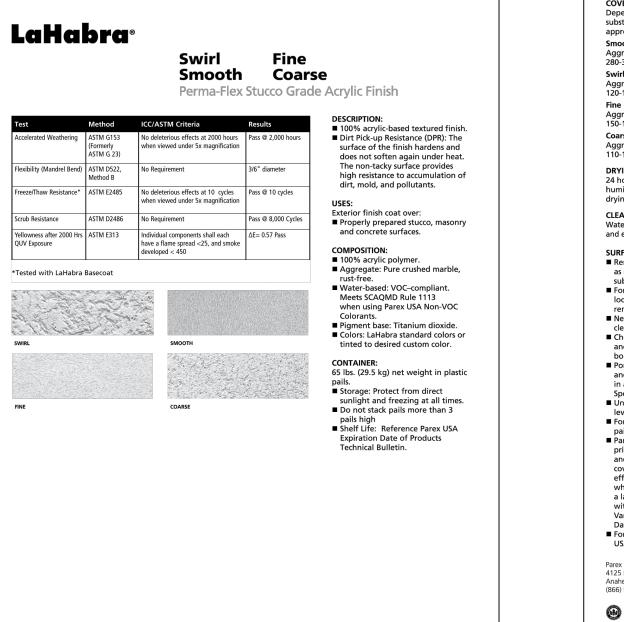
CERTAINTEED PRESIDENTIAL SHAKE SERIES CHARCOAL BLACK







LA HABRA STUCCO 40 DOVE GREY (66)BASE 200





REVISIONS:

Commercial + Commercial design

91201 AN \triangleleft

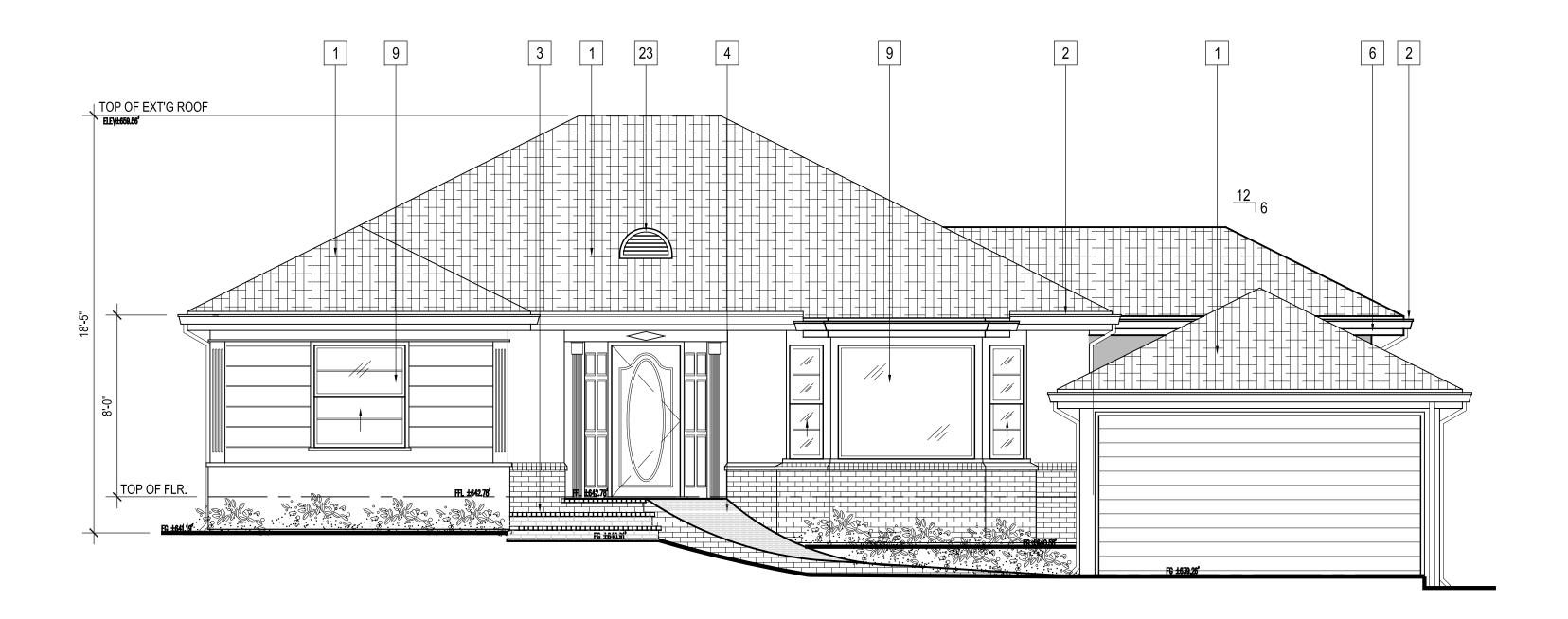
SKET

MATERIAL

04/2023 DRAWN B NRK JOB NO. 19045

EXISTING WEST (FRONT) ELEVATION

SCALE: 1/4" = 1'-0"



PROPOSED WEST (FRONT) ELEVATION

SCALE : 1/4" = 1'-0"

ELEVATION KEYED NOTES

S.B.O.(SELECTED BY OWNER)

- 1. ALL NEW CLASS "A" ASPHALT COMP. SHINGLES TO REPLACE ENTIRE ROOF. COLOR & MATERIAL (S.B.O) CERTAINTEED OR APPROVED EQUAL. (SEE SHEET A2.8)
- 2. ALL NEW GUTTERS & DOWNSPOUT
- 3. EXT'G BRICK STEPS TO REMAIN
- 4. NEW ACCESS RAMP TO BE INCORPORATED WITH THE NEW HARDSCAPING/LANDSCAPING WORK
- 5. NEW STUCCO PLASTER WALL (SEE SHEET A2.8)
- 6. NEW 2"X FASCIA
- 7. NEW CLASS "A" HOT MOP OR ROLLED ROOFING
- 8. NEW DOOR (SEE SCHEDULE)
- 9. NEW WINDOW (SEE SCHEDULE)
- 10. NEW SKYLIGHT (SEE ROOF PLAN)
- 11. PATCH-UP WALL OPENINGS
- 12. NEW METAL WEEP SCREED13. NEW CONCRETE STEPS
- 14. NEW STUCCO PLASTERED COLUMN (TYP.OF 3)
- 15. NEW 36" TO 42" HIGH METAL GUARDRAIL
- 16. NEW 12"x24" HALF MOON DORMER VENTS
- 17. NEW CONCRETE LANDING
- 18. NEW 16"x 5" UNDER FLOOR VENTS
- 19. LINE OF BASEMENT BELOW
- 20. EXT'G GRADE
- 21. EXT'G FLOOR VENTS TO REMAIN
- 22. NEW 18"x24" CRAWL SPACE ACCESS W/ CONC. CURB (SEE DET.8/A2.7)
- 23. EXT'G DORMER VENT TO REMAIN

REVISIONS

3 n. orange st. ste: e glendale, ca 91203 818.823.7286 o. 888.424.8125 f. www.designNRK.com

deSignMRK residential +

& PROPOSED WEST ELEVATION
ADYAN RESIDENCE

MUR

 DATE:
 04/2023

 DRAWN BY:
 NRK

 JOB NO.
 19045

A3 1



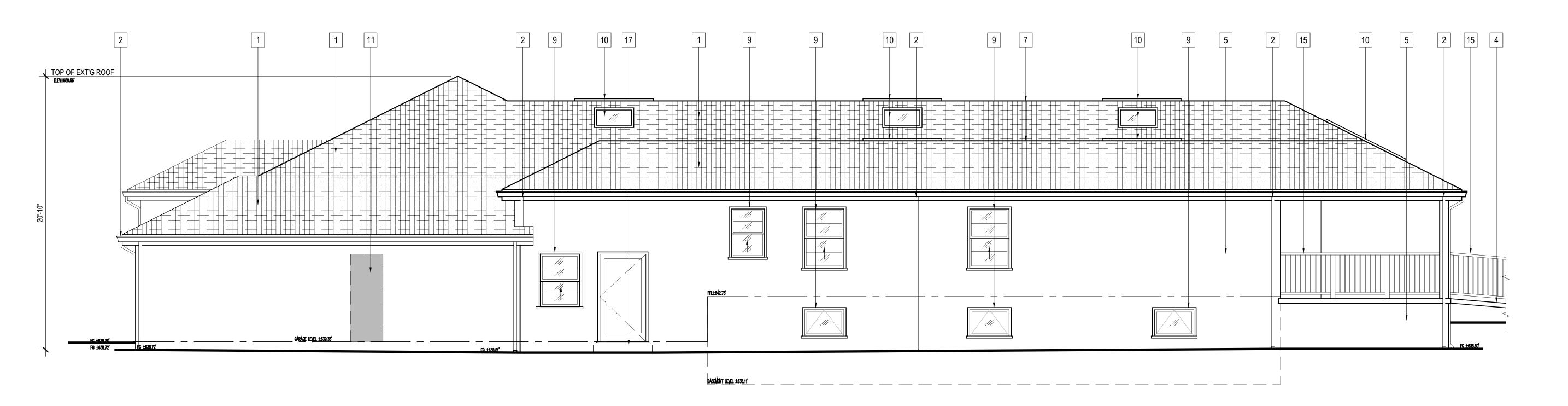
EXISTING SOUTH ELEVATION

SCALE : 1/4" = 1'-0"

ELEVATION KEYED NOTES

S.B.O.(SELECTED BY OWNER)

- ALL NEW CLASS "A" ASPHALT COMP. SHINGLES TO REPLACE ENTIRE ROOF. COLOR & MATERIAL (S.B.O) CERTAINTEED OR APPROVED EQUAL. (SEE SHEET A2.8)
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- 3. EXT'G BRICK STEPS TO REMAIN
- 4. NEW ACCESS RAMP TO BE INCORPORATED WITH THE NEW HARDSCAPING/LANDSCAPING WORK
- 5. NEW STUCCO PLASTER WALL (SEE SHEET A2.8)
- 6. NEW 2"X FASCIA
- 7. NEW CLASS "A" HOT MOP OR ROLLED ROOFING
- 8. NEW DOOR (SEE SCHEDULE)
- 9. NEW WINDOW (SEE SCHEDULE)
- 10. NEW SKYLIGHT (SEE ROOF PLAN)11. PATCH-UP WALL OPENINGS
- 12. NEW METAL WEEP SCREED
- 13. NEW CONCRETE STEPS
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- 19. LINE OF BASEMENT BELOW
- 20. EXT'G GRADE
- 21. EXT'G FLOOR VENTS TO REMAIN
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- 23. EXT'G DORMER VENT TO REMAIN



PROPOSED SOUTH ELEVATION

SCALE : 1/4" = 1'-0"

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EXISTING & NEW SOUTH ELEVATION

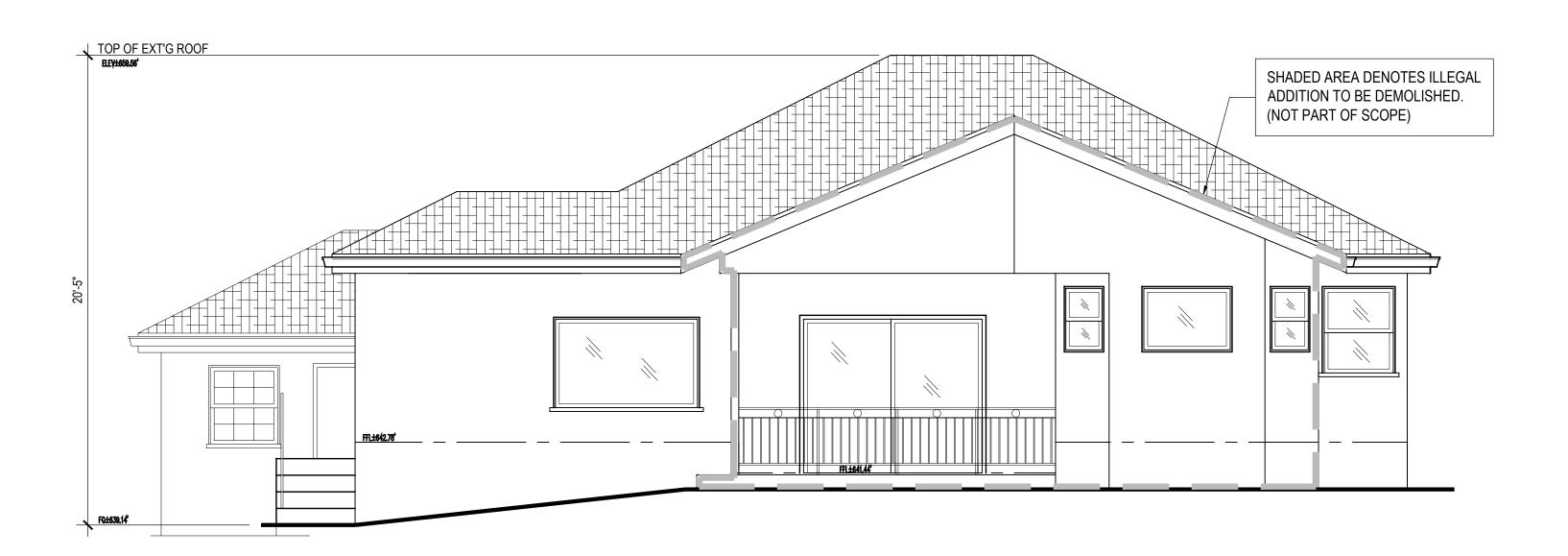
MURADYAN RESIDENCE

DATE: 04/2023

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JOB NO. 19045

A3 2



EXISTING EAST (REAR) ELEVATION

SCALE : 1/4" = 1'-0"



PROPOSED EAST (REAR) ELEVATION

SCALE : 1/4" = 1'-0"

ELEVATION KEYED NOTES

S.B.O.(SELECTED BY OWNER)

- ALL NEW CLASS "A" ASPHALT COMP. SHINGLES TO REPLACE ENTIRE ROOF. COLOR & MATERIAL (S.B.O) CERTAINTEED OR APPROVED EQUAL. (SEE SHEET A2.8)
- 2. ALL NEW GUTTERS & DOWNSPOUT
- 3. EXT'G BRICK STEPS TO REMAIN
- 4. NEW ACCESS RAMP TO BE INCORPORATED WITH THE NEW HARDSCAPING/LANDSCAPING WORK
- 5. NEW STUCCO PLASTER WALL (SEE SHEET A2.8)
- 6. NEW 2"X FASCIA
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- 8. NEW DOOR (SEE SCHEDULE)
- 9. NEW WINDOW (SEE SCHEDULE)10. NEW SKYLIGHT (SEE ROOF PLAN)
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- 23. EXT'G DORMER VENT TO REMAIN

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Sidential +

& NEW

EXISTING 8

DATE: 04/2023

DRAWN BY: NRK

JOB NO. 19045

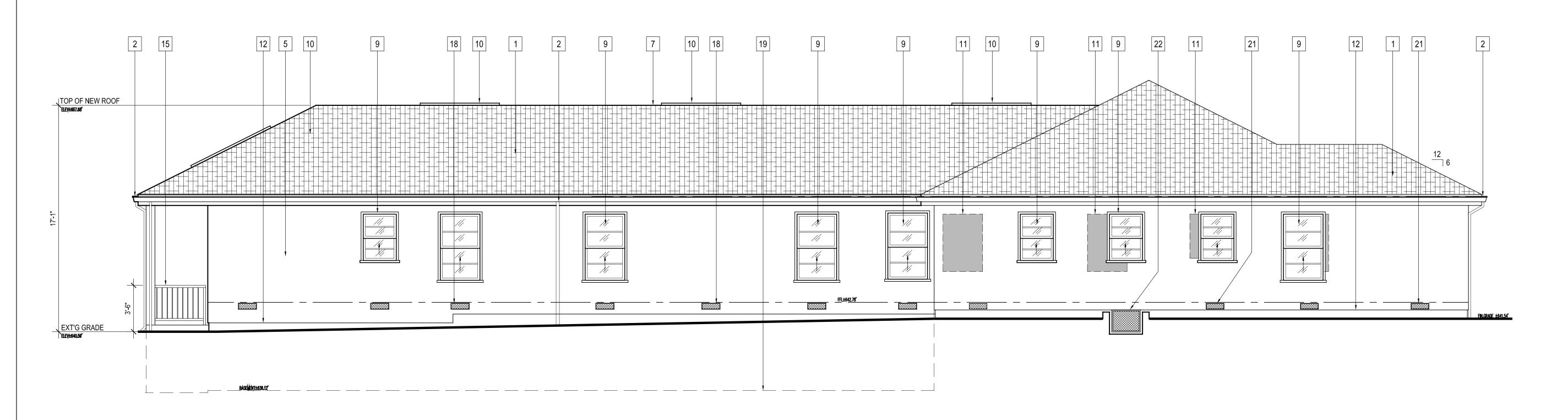
ELEVATION KEYED NOTES S.B.O.(SELECTED BY OWNER)

- 1. ALL NEW CLASS "A" ASPHALT COMP. SHINGLES TO REPLACE ENTIRE ROOF. COLOR & MATERIAL (S.B.O) CERTAINTEED OR APPROVED EQUAL. (SEE SHEET A2.8)
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- 23. EXT'G DORMER VENT TO REMAIN



EXISTING NORTH ELEVATION

SCALE: 1/4" = 1'-0"

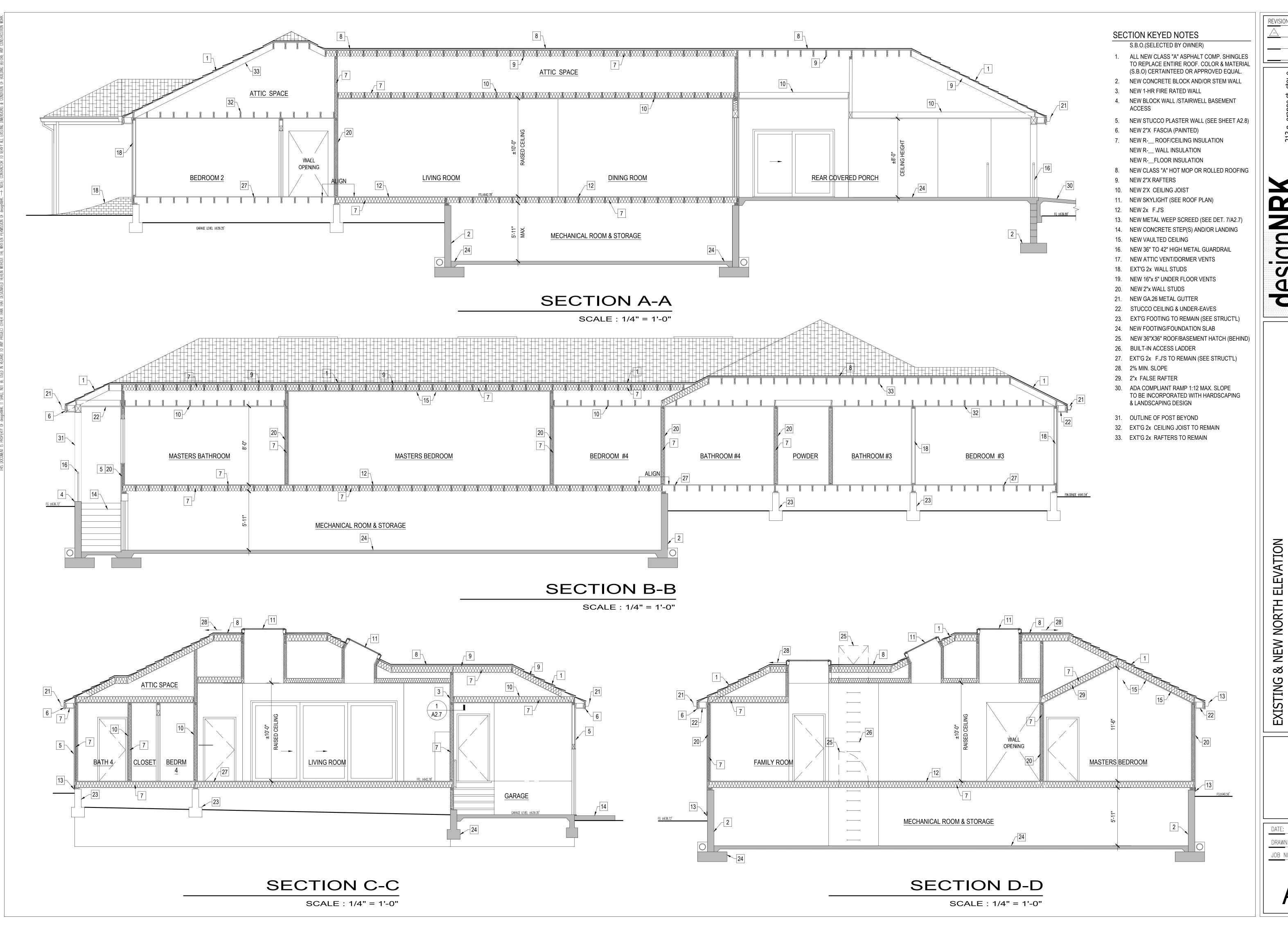


PROPOSED NORTH ELEVATION

SCALE : 1/4" = 1'-0"

REVISIONS:

EXISTING & NEW NORTH ELEVATION



REVISIONS:

04/2023 JOB NO. 19045 SHEET NO.



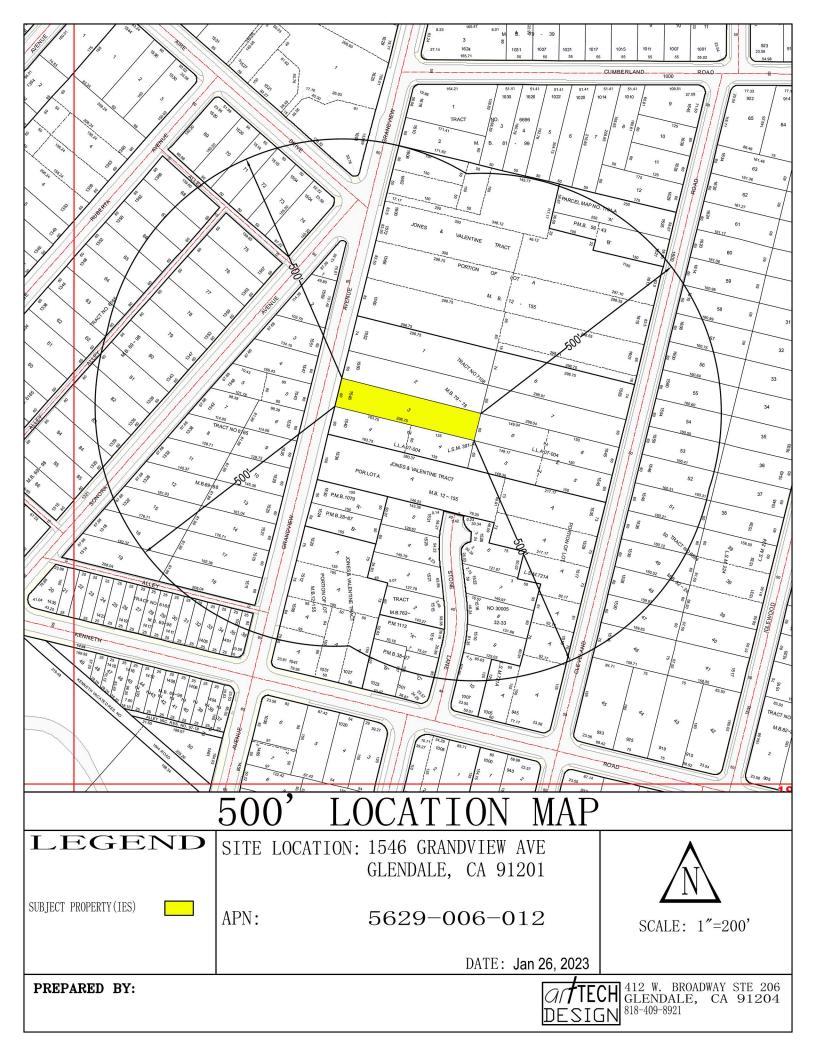














1546 GRANDVIEW AVE





1552 GRANDVIEW AVE



4. 1560 GRANDVIEW AVE



5. 1566 GRANDVIEW AVE



6. 1559 GRANDVIEW AVE



7. 1551 GRANDVIEW AVE



8. 1547 GRANDVIEW AVE

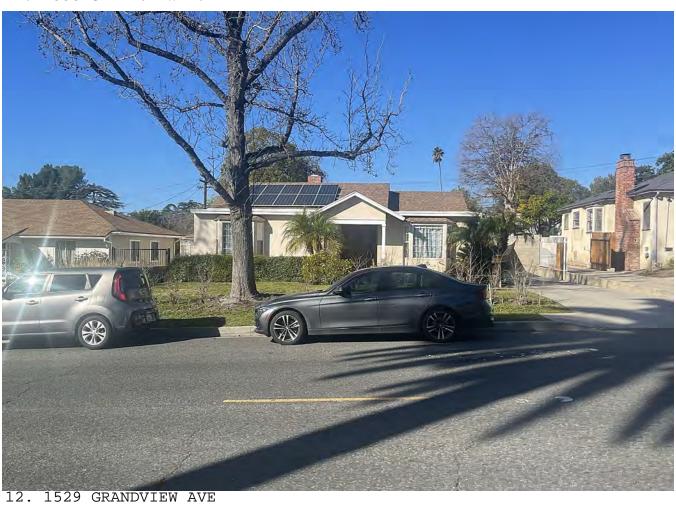




10. 1537 GRANDVIEW AVE



11. 1535 GRANDVIEW AVE





13. 1525 GRANDVIEW AVE



14. 1521 GRANDVIEW AVE



15. 1520 GRANDVIEW AVE



16. 1524 GRANDVIEW AVE





18. 1536 GRANDVIEW AVE



19. 1540 GRANDVIEW AVE

State of California The Resources Agency		Primary #				
DEPARTMENT OF PARKS AND RECREATION		H	HRI			
PRIMARY RECORD			rinomial #			
		NF	RHP Status Coo	le	5D1	
	ther Listings	<u>-</u>				
	Review Code	Review	/er	Date _		
Resource Name or # (Assigned by recorder) 1546 Gra						
21. Other Identifier: Element of South Cumberland Hei		;l				
P2. Location: Not for Publication	Unrestricted	Location Man as no	00000001/			
*a.County Los Angeles and (P2c, P2e, and P2		· ·		4/4 - 40	D	
	T ;R		1/4 of	1/4 of Sec	В.	
c. Address 1546 Grandview Avenue	\ 7	City Glendale		Zip 9120		
d. UTM: (Give more than one for large and/or linear re	· · · · · · · · · · · · · · · · · · ·		ml	· -	mN	
e. Other Locational Data: (e.g., parcel #, directions to	resource, elevation	, etc., as appropriate) AIN: 5629-00	J6-012		
P3a. Description: (Describe resource and its major el	ements. Include de	sign, materials, cond	lition, alterations	s, size, setting	and boundaries)	
Evaluation: Contributor		Window 1: Bay—c	anted: Fixed Do	ouble-hung: W	ood: Multi-light	
Property Type: Residential—Single-family		Window 2: Single;			ood, Maiti light	
Siting: Set back—moderate		Window 3: Single;			nt	
Primary Architectural Style: Minimal Traditional		Hardscape: Walkw				
Number of Stories: 1		Landscape: Lawn,		-		
Plan/Primary Facade: Irregular; Asymmetrical		Garage: Attached,	_	1011		
Construction/Foundation: Wood-frame; Concrete		,		story height	Asymmetrical massing	
Cladding: Textured stucco, Brick, Wood tongue-and-o	aroove	and simple building	-			
Roof Type/Material: Hipped, Composition shingle	g. 00 v 0				brick steps, Hipped	
Roof Features: Eaves—open		-			and stucco wainscot,	
Chimney 1: Stucco—interior		Attached garage				
Porch/Stoop 1: Stoop; Stucco, Brick; Light fixtures, St	tens	Related Features:	None identified			
Door 1: Single; Wood; Paneled, Partially glazed		Alterations: Other Alterations-Door replaced—primary, Windows				
200: 11 og.o, 11 o.o., 1 aa) gia=oa		replaced—some, R	le-stuccoed			
P3b. Resource Attributes: (List attributes and codes)			. (D: .: .			
P4. Resources Present: ☐ Building ☐ Structure			- 7	☐ Other:		
P5a. Photograph or Drawing (Photograph required for b	ouildings, structures	s, or objects)	· ·	tion of Photo: (View southeas		
			accession #)	view southeas	<u>st, 6/13/2020</u>	
			*P6. Date Co	nstructed/Ag	e and	
			Sources: ☑	Historic	ehistoric	
			1946, Los An	geles County /	<u>Assessor</u>	
	S. J. Mark.		*D7 O			
Les that			Not Recorded	and Address:		
	WAY.		Not Necorded	ī		
)=	- /			affiliation, and	
			,		<u>, Rosa Lisa Fry,</u>	
T TEAMET	Little				oup, 360 E. 2nd	
			Street, Suite	225 Los Angel	es, CA 90012	
			*P9. Date Re	corded: 8/13	3/2020	
	Maria Cara	W. C. W. A.	*P10. Survey	Type: (Descri	ibe)	
			✓ Intensive	☐ Reconnaiss	ance	
			*P11. Report	Citation: (Cit	e survey report and	
			other sources	or enter "none	e".) <u>South</u>	
					c District, Historic	
			Resources Si	urvey Report (ARG, 2021)	
Attachments: None Location Mag	o	Map ☐ Continua	_ ation Sheet □	Building, Struc	ture & Object Record	
☐ Archaeological Record	☐ Linear Feature	•	Iling Station Re	•	Rock Art Record	
☐ Artifact Record ☐ Photographic Record ☐ Othe						

DPR 523A (1/95) * Required Information