BREVOORT RESIDENCE NEW CONSTRUCTION PROJECT

237 E. MONTREAL ST. LOS ANGELES, CA 90293

PROJECT SUMMARY

Construction: TYPE V-B Occupancy: R-3/ U Zoning: R-I-I Baseline Hillside Ord.: No Community Plan Area: None Specific Plan: Coastal Bluffs Fire Sprinklers: Yes NFPA I3D Fire Zone: None

Legal Description: APN: <u>4116-012-004</u> Tract: <u>TR *8*557</u> Block: <u>|7</u>

> Owner: Justin Brevoort Phone: (000) 000- 0000

Property Address:

<u>237 E. Montreal St</u> Los Angeles, Ca 90293

BRIAN ARTHUR NOTEWARE 2800 28th St. #160 Santa Monica, CA 90405 (310) 452 - 5444

Project Description: NEW CONSTRUCTION MULTI LEVEL SINGLE FAMILY RESIDENCE W <u>ATTACHED GARAGE. PROPOSED ATTACHED LOWER LEVEL</u> 2-STORY ADU

Building Code Building Area Summary: Garage Area (U)

Basement Floor Area (R-3). First Floor Area (R-3). Second Floor Area (R-3).. Third Floor Area (R-3) Fourth Floor Area (R-3). : 329 SF Covered Area (R-3)... Total Floor Area (R-3). : <u>3,523 SF</u>

Residential Floor Area Summary:

Total Main House Area (R-3)

Total ADU Area (R-3).

First Floor Area (R-3)	1,225 SF
ADIL Anaga	/ 7 40 cE)

: 373 SF Ceiling Area Over 14 Feet . 484 SF (-200 SF) Garage Areas . 329 SF Covered Patio Areas .

.: 2,452 SF

...: 742 SF

: <u>2,929 SF</u> Total Site Residential Floor Area

Allowable Residential Floor Area: 3x 2,129 (Buildable Area) = 6387 S.F.

Lot Area/ Coverage:

3,456.2 SF Existing Lot Area..

Height: Maximum Height Proposed Height

Parking: Required.. Provided.

ALL WORK SHALL COMPLY WITH THE FOLLOWING CODES INCLUDING LOCAL AMENDMENTS:

2023 LARC & 2023 LABC

2023 LA GREEN CODE 2023 LA PLUMBING CODE

2023 LA MECHANICAL CODE 2023 LA ELECTRICAL CODE

APPLICABLE CODES

TITLE SHEET/ SITE PLAN

NOTES & INFORMATION

FLOOR PLANS

FLOOR PLANS

FLOOR PLANS

EXTERIOR ELEVATIONS

EXTERIOR ELEVATIONS

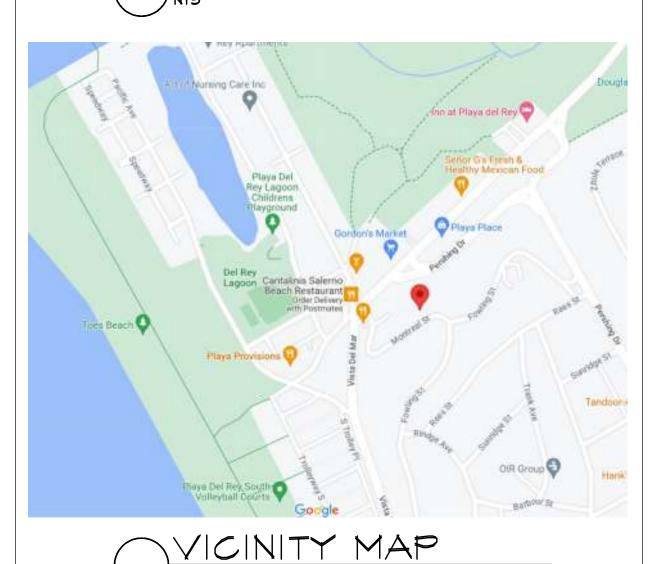
EXTERIOR ELEVATIONS EXTERIOR ELEVATIONS

BUILDING SECTIONS

BUILDING SECTIONS

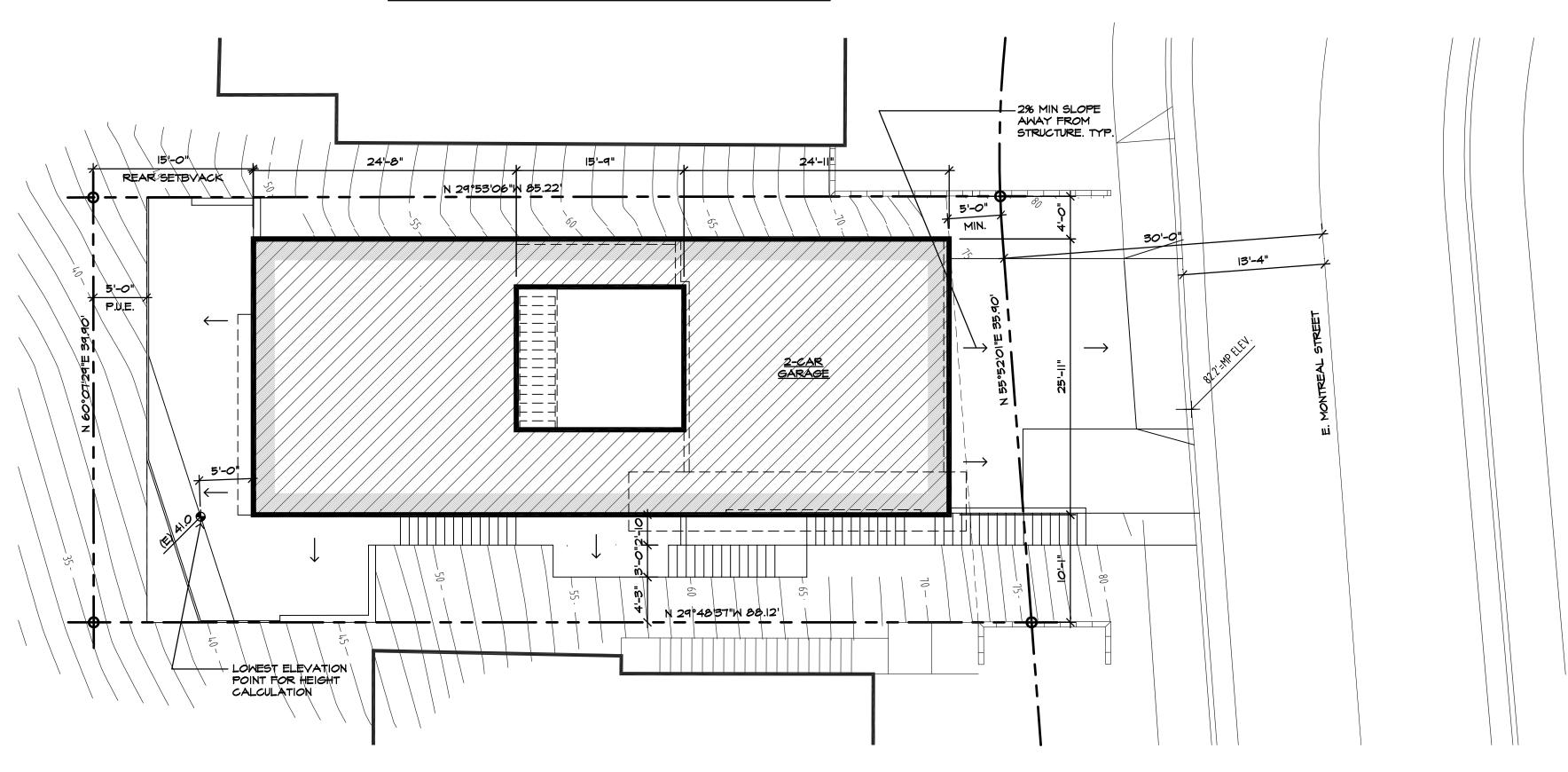
ROOF FRAMING PLAN

DETAILS



NOTE: THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULLBOXES, TRANSFORMERS, VAULTS, PUMPS VALVES, METERS, APPURTENANCES, ETC.) OR THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/ OR ADDITIONAL EXPENSES.

ICC PRODUCT NOTE:
A COPY OF THE EVALUATION REPORT AND/OR CONDITIONS OF LISTING SHALL BE MADE AVAILABLE AT THE JOB SITE







C 21514

he power of Digital TDT® Moisture sensors integrated with SC series controllers redefines water conservation and precision irrigation forever.



The SC24 and SC36 controllers incorporate cutting edge moisture sensing technology to prevent overwatering. The SC series employs Acclima Digital TDT@ moisture sensors with many easy-to-use features for optimum irrigation efficiency The controller operates based on soil moisture

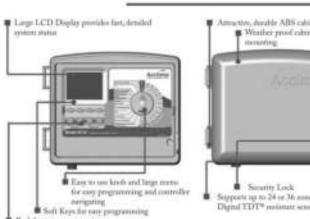
neasured by Acclima Digital TDT® moisture sensors. Programs are set similar to traditional timers: however, the sC Series only waters if the plants need it. Each zone can be set to one of two modes of opera-

Valve test mode rapidly checks the valve tion" as a sensor controlled zone, or as a timed zone. The SC24/36 easily accommodates both drip zones

The SC24/36 has the ability to set, maintain and monitor and desired moisture level. During the hot-

Multiple zone watering (1-4) simultanetest part of the year the controller may irrigate daily Then when the temperature cools, or in the event of a rainstorm, the controller prevents zones from watering until the moisture level in the ground falls below the preset moisture threshold. Multiple zones can water simultaneously as Acclima's fglow control optimizes the use of the system's water source.

clima, Inc., 2260 East Commercial Street, Meridian, ID 83642



Operating Specifications:

- Six programmable pause events Calendar/Clock compensates for leap years
- Four independent timed programs with six start times each. Start time resolution of one Each soil moisture sensor added to the sys-
- grams possible in total) Supports ran/wind/freeze sensor inputs Flow meter support monitors water use and

tem also adds a sensor program to the sys-

tem with six start times each. (Up to 40 pro-

- Multi-zone watering of up to four zones si-
- multaneously
- Walk around test mode operates each zone for a programmed amount of time
- Pause mode suspends controller operation Optional recover watering after power failure Water budget available for timer programs
- Programmable rain delay for 0-14 days for timer programs Zone runtime settings in 1-minute incre-
- ments from 0-18 hours Manual zone and program starts
- Master valve terminal always operates for each zone Separate pump start terminal is programma-
- ble by zone Adaptable to the TRC Commander radio, and EICON radio through a separate DCI adaptor

Features:

- Sensor-mode operation automatically adjusts to weather conditions to save Non-volatile program memory maintains
- and batteries fail Easy installation of sensors using existing
- Conventional wiring of valves. (One wire Supports 0 to 24/36 soil moisture sen-

ones can be controlled by a single sen

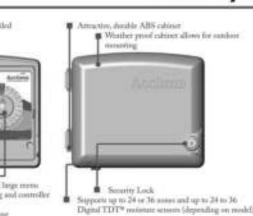
- Watering day schedules include Custom Every Day, Odd Day, Even Day, and
- ange from 2 to 31 days). Zone stacking ensures all zones will
- eventually irrigate though start times may overlap Soil moisture sensor thresholds can be
- set from 1% to 99% water content per Programmable valve delay allows slow-
- closing valves time to turn off completel current of all zones Cycle & Soak Feature prevents runoff by
- putting down water in short bursts rogrammable pauses (up to 6) for calendar events
- Seasonal water budget for timed zones Optional flow meter interface available Model Number: 24 Zanes, ACC-CON-SC24 36 Zones, ACC-CON-SC36



SC Series

oll Free: 866-887-1470 Fax: 208-887-6368

SC24/36



Electrical Specifications: Input: 115VAC +/-10% 60Hz Output

- 24VAC, 2.0A Over-current detector automatically de-
- tects loads exceeding 2.1 Amps RMS · Battery Backup uses two AA Alkaline bat-
- teries to power the internal clock. Battery life is approximately two months of continuous operation without power. Battery failure affects the internal clock only, other configuration information is
- Electrical surge Protection:
- . Input: Three level Transient Voltage Suppressor plus GDT
- Common wires: Three level 5000A GDT to earth ground
- · Each Terminal: GDT . Earth Ground Terminal: Up to #6

copper wire for diverting electrical

surges to a ground rod Physical Specifications:

Width: 12 1/4" (31.0cm) Height: 10" (25.4cm) Depth: 5 7/8" (14.9cm)

EverGuard Extreme® TPO 60 mil Membrane

UL Listed, FM Approved, ASTM D6878, Title 24 Compliant, Miami-Dade County Approved, Florida Building Code Approved, ENERGY STAR® Qualified.*

Physical Properties	ASTM Test Method	ASTM D6878 Minimum	EverGuard Extreme* Typical Test Data
	D (machine direction) x CMD (cross machine direct) sduct performance, and is subject to normal manufa		1941
Nominal Thickness	ASTM D751	0.039' [min.] (0.99 mm)	0.060" (1.52 mm)
Breaking Strength	ASTM DZ51 Glab Method	220 lbl/in. [38.5 kn/m]	305 bl x 290 bf (454 x 432.1 kg/
Factory Seam Strength	ASTM DZ51	áó lbř (98,34 kg/m)	150 lbf (223.5 kg/m) (membrane for
Elongation at Break	ASTM DZ51	15%	30%
Heat Aging	ASTM DS73	90% Retention of Breaking Strength and Elongation at Break	100%
Tear Strength	ASTM D751 8' x 8' (203 x 203 mm) Sample	55 lbf (81.95 kg/m)	65 lbf x 130 lbf (96,85 x 193.7 kg/
Puncture Resistance	FTM 101C Method 2031	Not Earthlished	380 (172 kg)
Cold Brittleness	ASTM D2137	40°C	-40°C
Permeance:	ASTM E96	Not Euroblished	O.O.B. Parma
Dimensional Change	ASTM D1204 @158F (70°C), 6 hrs.	+/-1%	0.4%
Water Absorption	ASTM D471 @158F [70°C], 1 week	+/3.0% (top cooling only)	0.7%
Hydrastatic Resistance	ASTM D751 Method D	Not Established	430 psi
Ozone Resistance	ASTM D1149	No visible deterioration @ 7 x magnification	No visible deterioration @ 7 x magnification
Reflectivity (white) Initial/Aged	ASTM C1549	N/A	0.835/0.73
Emissivity (white) Initial/Aged	ASTM C1371	N/A	0.84/0.91
Weather Resistance	ASTM G155/D6878	10,080 KJ/(m² - sm) at 340 sm	>46,000 kg/(m² am) at 340 m.
Heat Aging	ASTM D573	240F (115°C) for 32 weeks	128 weeks
Trickness Above Scrim	ASTM D7635	Min 30% of Total Thickness	21.5 mil (Naminal)
Guarantee	7.5	100	
Up to 30 years			

Product Date

Roll Size	Note: Product sizes, dimensions, and widths are nominal values and are subject to normal manufacturing/packaging tolerance and variation.						
	Colors	Full Size Roll	Full Roll Weight	Half Roll Size	Half Roll Weight		
	White	10' x 100' (3:05 x 30.5 m) (1,000 sq. fr. [92.9 sq.m])	322 lbs. (146 kg)	5' x 100' (1.52 x 30.5 m) (500 sq. fr. [46.5 sq.m])	162 lbs. (73.5 kg)		
		8' x 100' (2.44 x 30.5 m) (800 sq. ft. [74.3 sq.m])	257.6 lbs. (117 kg)	4' x 100' (1.21 x 30.5 m) (400 sq. ft. [37.1 sq.m])	128 lbs. (58.4 kg)		
	Note: Membrane rolls shipped horizontally on pallets, stacked pyramidstyle and banded.						
Storage	Store rolls on their sides on pallets or shelving in a dry area.						
Safety Warning	Membrane rolls are heavy. Position and install by at least two people,						



*ENERGY STAR" only valid in the USA

 A thermal efficiency that complies with the Appliance Efficiency Regulations Have a readily accessible on-off switch, mounted on the outside of the heater that allows shutting off the

heater without adjusting the thermostat setting. Not utilize electric resistance heating. Have a cover for outdoor pools or spas that have a

heat pump or gas heater. e. Have a permanent, easily readable, and weatherproof instruction card that gives instructions for the energy efficient operation of the pool or spa heater and for

the proper care of pool or spa water when a cover is Have at least 36 inches of pipe installed between the filter and heater or dedicated suction and return lines.

or built-in or built-up connections shall be installed to allow for the future addition of solar heating equipment.

g. Have directional inlets for the pool or spa that adequately mix the pool water h. A time switch or similar control mechanism shall be installed as part of a pool water circulation control system that will allow all pumps to be set or

programmed to run only during the off-peak electric

demand period and for the minimum time necessary to maintain the water in the condition required by applicable public health standards. 15. Manufactured fenestration products and exterior doors shall have air infiltration rates not exceeding 0.3 cfm/ft2 of window area, 0.3 cfm/ft2 of door area for residential doors, 0.3

cfm/ft2 of nonresidential single door area, and 1.0 cfm/ft2 of nonresidential double door area. 16. Fenestration products shall be rated in accordance with NFRC 100 for U-factor, NFRC 200 for SHGC, and VT or use the applicable default value. Fenestration products shall have a temporary label, for manufactured fenestration products and exterior doors, a temporary label certificate approved by the supervisory entity (NFRC) meets the requirements of this section. When Component Modeling Approach is used and for site-built fenestration products, a label certificate approved by the supervisory entity (NFRC) meets the requirements of this section 10-111(a)1.

110.6(a)2, 110.6(a)3, 110.6(a)4, 110.6(a)5 17. Field-fabricated fenestration products and exterior doors, other than unframed glass doors and fire doors, shall be caulked between the fenestration products or exterior door and the building, and shall be weatherstripped. 110.6(b)

18. Joints, penetrations and other openings in the building envelope that are potential sources of air leakage shall be caulked, gasketed, weather stripped, or otherwise sealed to limit infiltration and exfiltration. 19. Insulation shall be certified by Department of Consumer

Affairs, Bureau of Electronic and Appliance Repair, Home Furnishing and Thermal Insulation that the insulation conductive thermal performance is approved pursuant to the California Code of Regulations, Title 24, Part 12, Chapter 12-13. Article 3, "Standards for Insulating Material." 110.8(a) Urea formaldehyde foam insulation may only be used in

polyethylene vapor barrier between the urea formaldehyde foam insulation and the interior space in all applications. 21. Insulating material shall be installed in compliance with the

exterior side walls, and requires a four-mil-thick plastic

flame spread rating and smoke density requirements of the 22. Insulation installed on an existing space conditioning duct, it shall comply with Section 604.0 of the CMC. 110.8(d)3

14. Any pool or spa heating system or equipment shall: 110.4 23. External insulation installed on an existing unfired water storage tank or on an existing back-up tank for a solar waterheating system, it shall have an R-value of at least R-12, or the heat loss of the tank surface based on an 80°F water-air temperature difference shall be less than 6.5 Btu per hour

RESIDENTIAL NOTES A masonry or factory-built fireplace shall have the following:

 Closeable metal or glass doors covering the entire opening of the firebox; b. A combustion air intake to draw air from the outside of the building directly into the firebox, which is at least six square inches in area and is equipped with a readily accessible, operable, and tight-fitting damper or combustion-air control device. (Exception: An outside combustion-air intake is not

an exterior wall.); and A flue damper with a readily accessible control Heating or cooling systems, including heat pumps, not controlled by a central energy management control system (EMCS) shall be equipped with a setback thermostat that meet the requirements of Section 110.2(c).

Gas or propane water heaters shall have: A dedicated 125 volt. 20 amp electrical receptacle

required if the fireplace will be installed over concrete

slab flooring and the fireplace will not be located on

that is within 3 feet from the water heater. A Category III or IV vent, or a Type B vent with straight pipe.

Condensate drain that is no more than 2 inches higher than the base of the installed water heater, and allows natural draining without pump assistance. d. A gas supply line with a capacity of at least 200,000

All pumps and pump motors installed shall be listed in the Commission's directory of certified equipment and shall comply with the Appliance Efficiency Regulations.

The minimum installed weight per square foot of any loosefill insulation shall conform with the insulation manufacturer's labeled R-value. The minimum depth of concrete-slab floor perimeter

insulation shall be 16 inches or the depth of the footing of the building whichever is less Raised-floors shall be insulated such that the floor assembly has an assembly U-factor equal to or less than shown in TABLE 150.1-(A) single family or (B) multifamily 150.1(c)1.C

All new buildings and additions >700 sqft shall comply with the Quality Insulation Installation (QII) requirements shown in TABLE 150.1-(A) single family or (B) multifamily. When QII is required, insulation installation shall meet the criteria specified in Reference Appendix RA3.5. Insulations are required for: 150.0(I)2.A

 a. All hot water pipes from the heating source to the kitchen fixtures All piping with a nominal diameter to or greater than 3/4 inch and less than 1 inch.

. The first 5 feet (1.5 meters) of hot and cold water pipes from the storage tank. d. All piping associated with a domestic hot water recirculation system.

e. Piping from the heating source to storage tank or between tanks. Piping buried below grade

LOW-RISE RESIDENTIAL BUILDINGS Prescriptive requirement for building envelope:

a. Provide R-() insulation at Roof/ Ceiling, R-(___ insulation at walls, and R-(____) insulation at floors. Provide radiant barrier. Show details on the plans.

comply with minimum Appliance Efficiency

Sections 150.0 and 150.1(c)7A.

Replacement fenestration, where all the glazing in an

existing fenestration opening is replaced with a new

factor and SHGC requirements of Package A or as

When HERS field verification is required. The person(s)

responsible for the Certificate(s) of Compliance shall submit

the Certificate(s) for registration and retention to a HERS

provider data registry. The submittals to the HERS provider

the specifications in Reference Joint Appendix JA7. For

additional information visit www.energy.ca.gov/HERS/

Compliance Information: The builder shall leave in the

building, copies of the completed, signed and submitted

minimum, include copies of all Certificate of Compliance,

Operating Information: The builder shall provide the building

features, materials, components, and mechanical devices

installed in the building. Operating information shall include

instructions on how to operate the features, materials,

For residential buildings, such information shall

components, and mechanical devices correctly and

efficiently. The instructions shall be consistent with

specifications set forth by the Executive Director.

owner at occupancy, operating information for all applicable

Certificate of Installation, and Certificate of Verification

compliance documents for the building owner at occupancy

For low-rise residential buildings, such information shall, at a

data registry shall be made electronically in accordance with

section 150.1(c)8.

GENERAL NOTES

Attach the following notes to plan

documentation submitted.

of Table 150.1-A or B

determined by performance approach.

110.2 and meet all applicable requirements of

Provide Whole House Fan per section 150.1(c)12.

 The maximum total fenestration area shall not exceed the percent of conditioned floor area, CFA, as indicated in Table 150.1- (A) single family or (B) d. The maximum west facing fenestration area shall not

Ventilation Information: The builder shall provide to the exceed the percent of CFA as indicated in Table uilding owner at occupancy, a description of the quantities of outdoor air that the ventilation system(s) are designed to 150.1-(A) single family or (B) multifamily. West-facing provide to the building's conditioned space, and instructions fenestration area includes skylights tilted in any for proper operation and maintenance of the ventilation direction when pitch is less than 1:12 150.1(c)3C e. Installed fenestration products shall have an area weighted average U-factor and SHGC no greater than

All systems, equipment, appliances and building the applicable value in Table 150.1-(A) single family components shall comply with the applicable manufacturing, or (B) multifamily and shall be determined in construction, and installation provisions of Sections 110.0 through 110.11 for newly constructed buildings. accordance with Section 110.6(a)2 and 110.6(a)3. Any appliance regulated by the Appliance Efficiency f. Heating system types shall be installed as required in TABLE 150.1-(A) single family or (B) multifamily.

Regulations, Title 20 California Code of Regulations, Section 1601 et seq., may be installed only if the appliance a. All space heating and space cooling equipment shall fully complies with Section 1608(a) of those regulations. Regulations as specified in Sections 110.0 through Service water-heating systems shall be equipped with automatic temperature controls capable of adjustment from

Maintenance Information: The builder shall provide to the

that require routine maintenance for efficient operation.

and incorporated on a readily accessible label. The label

may be limited to identifying, by title and/or publication

manufactured device.

number, the operation and maintenance manual for that

ilding owner at occupancy, maintenance information for all

features, materials, components, and manufactured devices

Required routine maintenance actions shall be clearly stated

particular model and type of feature, material, component or

the lowest to the highest acceptable temperature settings for the intended use as listed in Table 3, Chapter 50 of the Water-heating systems shall meet the requirements of ASHRAE Handbook, HVAC Applications Volume. 110.3(a)1 Duct insulation shall meet the minimum requirements On systems that have a total capacity greater than 167,000 Btu/hr, outlets that require higher than service water temperatures as listed in the ASHRAE Handbook.

Applications Volume, shall have separate remote heaters, manufactured fenestration product, shall not exceed the Uheat exchangers, or boosters to supply the outlet with the higher temperature.

Service hot water systems with circulating pumps or with electrical heat trace systems shall be capable of automatically turning off the system.

Controls for service water-heating systems shall limit the outlet temperature at public lavatories to 110°F. 110.3(c)3 Unfired service water-heater storage tanks and backup tanks for solar water-heating systems shall have:

External insulation with an installed R-value of at least

 Internal and external insulation with a combined Rvalue of at least R-16, or The heat loss of the tank surface based on an 80°F.

water-air temperature difference shall be less than 6.5 Btu/hr per square foot. For Nonresidential, high-rise residential, and hotel/motel buildings, space conditioning systems shall meet the

efficiency standards specified Section 120.2. Continuously burning pilot light shall be prohibited for the following natural gas system or equipment listed below:

a. Fan-type central furnaces . Household cooking appliances, except for household cooking appliances without an electrical supply voltage connection and in which each pilot consumes

less than 150 Btu/hr Pool heaters

d. Spa heaters e. Indoor and outdoor fireplaces

10. Insulation shall be provided for water heaters as follows: Unfired hot water tanks, such as storage tanks and backup storage tanks for solar water-heating systems. shall be externally wrapped with insulation having an installed thermal resistance of R-12 or greater or have internal insulation of at least R-16 and a label on the exterior of the tank showing the insulation R-value.

becontained in a folder or manual which provides all

Certificate of Compliance, Certificate of Installation.

and Certificate of Verification documentations. This

operating information shall be in paper or electronic

10-103/bl2

a. Installed luminaires shall be classified as high-efficacy in accordance with TABLE 150.0-A. Exhaust fans shall be controlled separately from

c. Luminaries shall be switched with readily accessible wall-mounted controls that permit the luminaries to be manually turned ON and OFF d. Lighting installed in attached and detached garages

EXCEPTION 2: Luminaires in hallways.

panel in the closed or partially open position, 6715.1

when subjected to the tests specified in Sec. 6717.2.

laundry rooms, and utility rooms, at least one luminaire in each of these spaces shall be controlled by vacancy sensors. e. Dimmers or vacancy sensors shall control all uminaires required to have light sources compliant with Reference Joint Appendix JAS. EXCEPTION 1: Luminaires in closets less than 70

the total interior common area in a single building equals 20 percent or less of the floor area. permanently installed lighting for the interior common areas in that building shall be high efficacy luminaires or controlled by an occupant sensor. g. In a low-rise multifamily residential building where the total interior common area in a single building equals more than 20 percent of the floor area, permanently

installed lighting in that building shall:

A. In a low-rise multifamily residential building where

i. Comply with the applicable requirements in Sections 110.9, 130.0, 130.1, 140.6 and 141.0; ii. Lighting installed in corridors and stairwells shall be controlled by occupant sensors that reduce the lighting power in each space by at least 50 percent. The occupant sensors shall

be capable of turning the light fully On and Off

from all designed paths of ingress and egress.

- 1. All entry doors to dwelling units or guest rooms shall be arranged so that the occupant has a view of the area immediately outside the door without opening the door. Such view may be provided by a door viewer, through windows located in the vicinity of the door or through view ports in the door or adjoining wall. (6706)
- 2. Screens, barricades, or fences made of a material which would preclude human climbing shall be provided at every portion of every roof, balcony, or similar surface which is within 8 ft. of the utility pole or similar structures. (6707)
- Wood flush-type doors shall be 1 3/8" thick minimum with solid core construction. 91.6709.1 Door stops of in-swinging doors shall be of one-piece construction with the jamb or joined by rabbet to the jamb. (6709.4)

Every door in a security opening for an apartment house shall be provided with a light bulb (60 watt min.) At a maximum height of 8

- feet on the exterior. (6708) All pin-type door hinges accessible from outside shall have non-removable hinge pins. Hinges shall have min. 1/4" dia. steel jamb stud. with 1/4" min. protection. The strike plate for latches and holding device for projecting dead bolts in wood construction shall be secured to the jamb and the wall framing with screws no less than 2-1/2" long. (91.6709.5, 6709.7)
- Provide dead bolts with hardened inserts; deadlocking latch with key-operated locks on exterior. Doors must be operable from the inside without a key, special knowledge, or special effort (latch not required in B, F, and S occupancies). (6709.2)
- deadbolt shall have a minimum throw of 3/4". (6709.2) 8. The use of a locking system which consists of a deadlocking latch operated by a doorknob and a deadbolt operated by a nonremovable thumb turn which is independent of the deadlocking latch and which must be separately operated, shall not be considered

as a system which requires special knowledge or effort when used in dwelling units. The door knob and the thumb turn which operates

the deadbolt shall not be separated by more than 8 inches. Wood panel type doors must have panels at least 9/16 in. thick with shaped portions not less than 1/4 in. thick and individual panels must be no more than 300 sq. in. in area. Mullions shall be considered a part of adjacent panels except mullions not over 18 inches long may have an overall width of not less than 2 inches. Stiles and rails shall be of solid lumber in thickness with overall dimensions of not less than 1 3/8 inches and 3 inches in width. (91.6709.1 item 2)

Straight dead bolts shall have a min. throw of 1" and an embedment of not less than 5/8", and a hook-shaped or an expanding-lug

- Sliding doors shall be provided with a device in the upper channel of the moving panel to prohibit raising and removing of the moving panel in the closed or partially open position. (6710)
- Sliding glass doors shall be equipped with locking devices and shall be so constructed and installed that they remain intact and engaged when subjected to the tests specified in Sec. 6717.1

Metal or wooden overhead or sliding doors shall be secured with a cylinder lock, padlock with a min. 9/32" diameter hardened steel

- shackle and bolted, hardened steel hasps, metal slide board, bolt or equivalent device unless secured electrically operated. (6711) Provide metal guides at top and bottom of metal accordion grate or grille-type doors and cylinder locks or padlocks. Cylinder guards shall be installed on all cylinder locks whenever the cylinder projects beyond the face of the door or is otherwise accessible to gripping tools. (6712)
- 14. In B, F, M, and S occupancies, panes of glazing with at least one dimension greater than 5 in, but less than 48 in, shall be constructed of tempered or approved burglary-resistant material or protected with metal bars or grilles (6714)

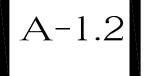
Glazed openings within 40° of the door lock when the door is in the closed position, shall be fully tempered glass or approved burglary

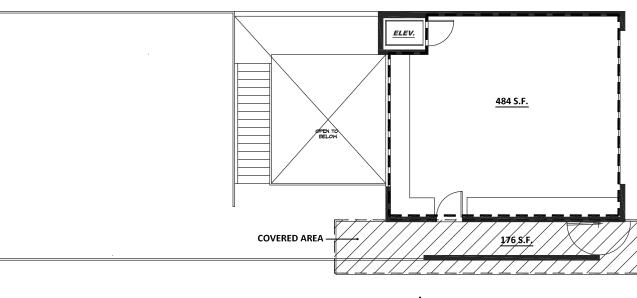
- resistant material, or shall be protected by metal bars, screens or grills having a maximum opening of 2". The provisions of this section shall not apply to view ports or windows which do not exceed 2" in their greatest dimensions. (6713)
- constructed to preclude human entry. (6715.3) 17. Other openable windows shall be provided with substantial locking devices. In B, F, M and S occupancies, such devices shall be glide
- bars, bolts, cross-bars, and/or padlocks with minimum 9/32" hardened steel shackles and bolted, hardened steel hasps. (6715.2) Sliding windows shall be provided with a device in the upper channel of the moving panel to prohibit raising and removing of the moving.

16. Louvered windows shall be protected by metal bars or grills with openings that have at least one dimension of 6" orless, which are

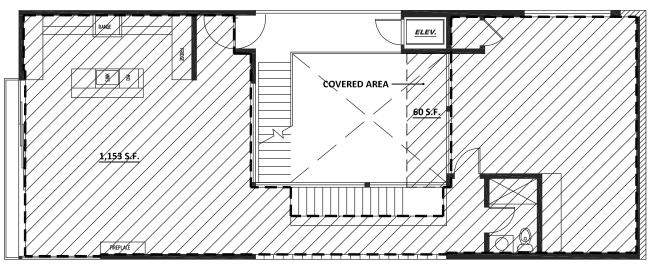
- Sliding windows shall be equipped with locking devices and shall be so constructed and installed that they remain intact and engaged
- Any release for metal bars, grills, grates or similar devices constructed to preclude human entry that are installed shall be located on the inside of the adjacent room and at least 24 inches from the closest opening through such metal bars, grills, grates or similar devices that exceeds two inches in any dimension. (91.6715.4)
- 21 All other openings must be protected by metal bars or grilles with openings of not less than 6 inches in one dimension. (91.6716)



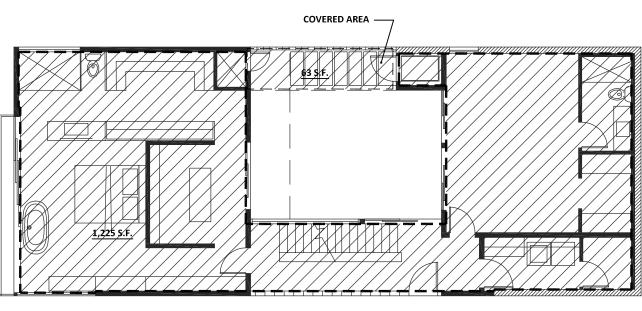




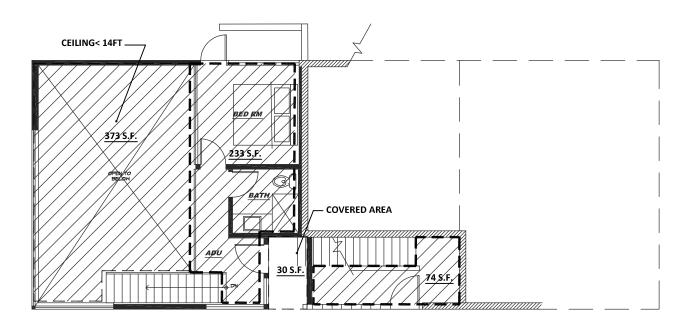
LIVABLE AREA = $\frac{N/A}{A}$ GARAGE AREA = $\frac{484}{484}$ S.F. CEILING < $14' = \frac{N/A}{A}$ COVERED AREA = $\frac{176}{4}$ S.F.



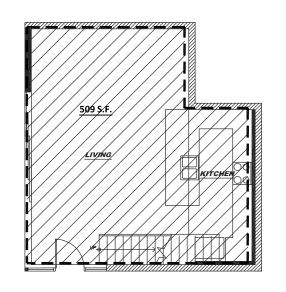
LIVABLE AREA = $\frac{1,153 \text{ S.F}}{\text{M/A}}$ COVERED AREA = $\frac{60 \text{ S.F.}}{100 \text{ S.F.}}$



LIVABLE AREA = $\frac{1,225 \text{ S.F}}{\text{CEILING}}$ COVERED AREA = $\frac{63 \text{ S.F.}}{100 \text{ S.F.}}$



MAIN HOUSE AREA = <u>74 S.F</u>
ADU AREA = <u>233 S.F</u>
CEILING < 14 = <u>373 S.F.</u>
COVERED AREA = <u>30 S.F.</u>



ADU AREA = 509 S.FCEILING < $14' = \frac{\text{N/A}}{\text{COVERED AREA}} = \frac{\text{N/A}}{\text{N/A}}$



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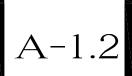
ARCHITECT INC. 2800 28TH ST.,# 1

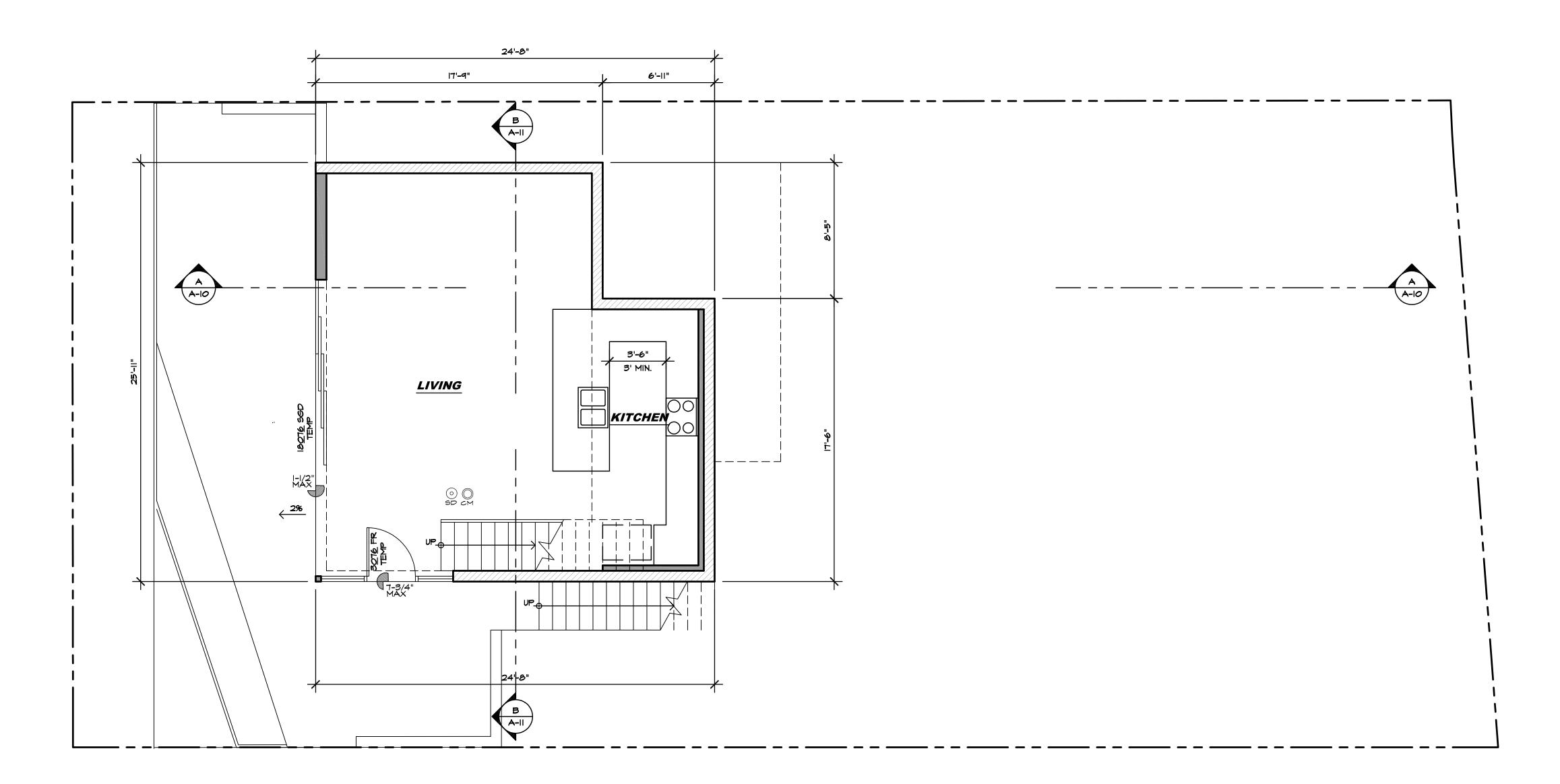
SHEET TITLE: NOTES & INFORMATION

JOB NO:
DATE:
DRAWN BY:

237 E MONTREAL ST.







BASEMENT FLOOR PLAN

WALL LEGEND

PROPOSED WALL EXISTING WALL TO REMAIN

MIN. 50 CFM EXHAUST FAN. DUCT TO EXTERIOR. NO DUCTLESS FANS. SEE NOTES: A. NEWLY INSTALLED BATHROOM EXHAUST FANS SHALL BE

ENERGY STAR COMPLIANT AND BE DUCTED TO THE OUTSIDE OF THE BUILDING. PROVIDE MANUFACTURERS CUT SHEET FOR FIELD VERIFICATION. B. NEWLY INSTALLED BATHROOM EXHAUST FANS, NOT FUNCTIONING AS AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, MUST BE CONTROLLED BY A HUMIDISTAT

WHICH SHALL BE READILY AVAILALE

SMOKE DETECTORS: APPROVED SMOKE ALARMS SHALL BE INSTALLED IN EACH SLEEPING ROOM & HALLWAY OR AREA GIVING ACCESS TO A SLEEPING ROOM, AND ON EACH STORY AND BASEMENT FOR DWELLINGS WITH MORE THAN ONE STORY. SMOKE ALARMS SHALL BE INTERCONNECTED SO THAT ACTUATION OF ONE ALARM WILL ACTIVATE ALL THE ALARMS WITHIN THE INDIVIDUAL DWELLING UNIT. IN NEW CONSTRUCTION SMOKE ALARMS SHALL RECIEVE THEIR PRIMARY POWER SOURCE FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH BATTERY BACK UP AND LOW BATTERY SIGNAL

CARBON MONOXIDE ALARMS: AN APPROVED CARBON MONOXIDE ALARM SHALL BE INSTALLED IN DWELLING UNITS AND IN SLEEPING UNITS WITHIN WHICH FUEL-BURNING APPLIANCES ARE INSTALLED AND IN DWELLING UNITS WHICH HAVE ATTACHED GARAGES. CARBON MONOXIDE ALARMS SHALL BE PROVIDED OUTSIDE OF EACH SEPERATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ON EVERY LEVEL OF A DWELLING UNIT INCLUDING BASEMENTS.

FLOOR PLAN NOTES:

- AN APPROVED SEISMIC GAS SHUTOFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWN STREAM SIDE OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING FUEL
- 2. PROVIDE ULTRA LOW FLUSH WATER CLOSETS FOR ALL NEW CONSTRUCTION. EXISTING SHOWER HEADS AND TOILETS MUST BE ADAPTED FOR LOW WATER CONSUMPTION.
- 3. PROVIDE 70 INCH MIN. HIGH NON- ABSORBENT WALL ADJACENT TO SHOWER AND APPROVED SHATTER- RESISTANT MATERIALS
- 4. WATERHEATER MUST BE STRAPPED TO WALL

FOR SHOWER ENCLOSURE.

- 5. PLUMBING FIXTURES ARE REQUIRED TO BE CONNECTED TO A SANITARY SEWER OR TO AN APPROVED SEWAGE DISPOSAL
- 6. KITCHEN SINKS, LAVATORIES, BATHTUBS, SHOWERS, BIDETS, LAUNDRY TUBS AND WASHING MACHINE OUTLETS SHALL BE PROVIDED WITH HOT AND COLD WATER AND CONNECTED TO AN APPROVED WATER SUPPLY
- 7. BATHTUB AND SHOWER FLOORS, WALLS ABOVE BATHTUBS WITH A SHOWER HEAD, AND SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBANT SURFACE TO EXTEND 6 FEET MIN ABOVE FINISH FLOOR
- 8. HEATER SHALL BE CAPABLE OF MAINTAINING A MINIMUM ROOM TEMPERATURE OF 68 DEGREES AT A POINT 3 FEET ABOVE THE FLOOR AND 2 FEET FROM EXTERIOR WALLS IN ALL HABITABLE ROOMS AT THE DESIGN TEMPERATURE.
- 9. AUTOMATIC GARAGE DOOR OPENERS, IF PROVIDED, SHALL BE LISTED IN ACCORDANCE WITH UL 325.
- IO. PROVIDE WATER RESISTANT GYP. BD. TO BATH ROOM WALLS & CEILINGS, GYPSUM (GREEN BD) MATERIAL IS NOT PERMITTED IN SHOWER COMPARTMENTS WITH TILE SURFACES
- II. WHERE A PERMIT IS REQUIRED FOR ALTERATIONS, REPAIRS OR ADDITIONS EXCEEDING ONE THOUSAND DOLLARS, EXISTING DWELLINGS OR SLEEPING UNITS THAT HAVE ATTACHED GARAGES OR FUEL-BURNING APPLIANCES SHALL BE PROVIDED WITH A CARBON MONOXIDE ALARM IN ACCORDANCE WITH SECTION R315.1 CARBON MONOXIDE ALARMS SHALL ONLY BE REQUIRED IN SPECIFIC DWELLING UNIT OR SLEEPING UNIT FOR WHICH THE PERMIT WAS OBTAINED.
- 12. SMOKE DETECTORS SHALL BE PROVIDED FOR ALL DWELLING UNITS INTENDED FOR HUMAN OCCUPANCY, UPON THE OWNERS APPLICATION FOR A PERMIT FOR ALTERATIONS, REPAIRS, OR ADDITIONS, EXCEEDING ONE THOUSAND DOLLARS.
- 13. GARAGE FLOOR SURFACE SHALL BE OF AN APPROVED NONCOMBUSTIBLE MATERIAL AND THE AREA USED TO PARK VEHICLES SHALL BE SLOPE TO A DRAIN OR TOWARD THE MAIN VEHICLE ENTRY.
- 14. DUCTS PENETRATING THE WALLS OR CEILINGS SEPERATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE SHEET STEEL OR OTHER APPROVED MATERIAL AND THERE SHALL BE NO OPENINGS FROM THE DUCTS INTO THE GARAGE
- 15. UNIT SKYLIGHTS SHALL BE LABELED BY A LA CITY APPROVED LABELING AGENCY. SUCH LABEL SHALL STATE THE APPROVED LABELING AGENCY NAME, PRODUCT DESIGNATION AND PERFORMANCE GRADE RATING.

SHOWER NOTE:

ALL SHOWERS COMPARTMENTS, REGARDLESS OF SHAPE, SHALL HAVE A MIN. FINISHED INTERIOR AREA OF NOT LESS THAN 1,024 SQ. IN. AND SHALL BE CAPABLE OF ENCOMPASSING A 30" CIRCLE. SHOWER DOORS SHALL SWING OUT. THE MIN. AREA AND DIMENSIONS SHALL NE MAINTAINED TO A POINT TO" ABOVE THE SHOWER DRAIN OUTLET (CPC 411.7)

NOTE: EVERY SPACE INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH NATURAL LIGHT BY MEANS OF EXTERIOR GLAZED OPENINGS IN ACCORDANCE WITH SECTION 1205.2 OR SHALL BE PROVIDED WITH ARTIFICIAL LIGHT THAT IS ADEQUATE TO PROVIDE AN AVERAGE ILLUMINATION OF IO- FOOT-CANDLES OVER THE AREA OF THE ROOM AT A HEIGHT OF 30 INCHES ABOVE THE FLOOR

GLAZING IN THE FOLLOWING LOCATIONS SHALL BE SAFETY GLAZING CONFORMING TO THE HUMAN IMPACT LOADS OF SECTION R308.3:

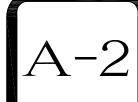
- FIXED AND OPERABLE PANELS OF SWINGING, SLIDING, AND BI-FOLD DOOR ASSEMBLIES.
- 2. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60-INCHES ABOVE THE FLOOR OR WALKING SURFACE.
- 3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS: A. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQUARE FEET
- B. BOTTOM EDGE LESS THAN 18-INCHES ABOVE THE FLOOR C. TOP EDGE GREATER THAN 36-INCHES ABOVE THE FLOOR D. ONE OR MORE WALKING SURFACES WITHIN 36-INCHES HORIZONTALLY OF THE GLAZING <u>4.</u> GLAZING IN RAILINGS
- 5. GLAZING IN ENCLOSURES FOR OR WALLS FACING HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATH TUBS AND SHOWERS WHERE THE BOTTOM EDGE IS LESS THAN 60-INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE
- 6. GLAZING IN WALLS AND FENCES ADJACENT TO INDOOR AND OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60-INCHES ABOVE A WALKING SURFACE AND WITHIN 60-INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE. 1. GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS

WITHIN 36-INCHES HORIZONTALLY OF A WALKING SURFACE WHEN

THE SURFACE OF THE GLAZING IS LESS THAN 60-INCHES ABOVE THE NOSE OF THE TREAD 8. GLAZING ADJACENT TO STAIRWAYS WITHIN 60-INCHES HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE NOSE OF THE TREAD.







WALL LEGEND

PROPOSED WALL ■ EXISTING WALL TO REMAIN

MIN. 50 CFM EXHAUST FAN. DUCT TO EXTERIOR. NO DUCTLESS FANS. SEE NOTES: A. NEWLY INSTALLED BATHROOM EXHAUST FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO THE OUTSIDE

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FLOOR PLAN NOTES:

- AN APPROVED SEISMIC GAS SHUTOFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWN STREAM SIDE OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING FUEL
- 2. PROVIDE ULTRA LOW FLUSH WATER CLOSETS FOR ALL NEW CONSTRUCTION. EXISTING SHOWER HEADS AND TOILETS MUST BE ADAPTED FOR LOW WATER CONSUMPTION.
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TEMPERATURE OF 68 DEGREES AT A POINT 3 FEET ABOVE THE

- FLOOR AND 2 FEET FROM EXTERIOR WALLS IN ALL HABITABLE ROOMS AT THE DESIGN TEMPERATURE. 9. AUTOMATIC GARAGE DOOR OPENERS, IF PROVIDED, SHALL BE
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SHOWER COMPARTMENTS WITH TILE SURFACES

PERMIT WAS OBTAINED.

VEHICLE ENTRY.

- II. WHERE A PERMIT IS REQUIRED FOR ALTERATIONS, REPAIRS OR ADDITIONS EXCEEDING ONE THOUSAND DOLLARS, EXISTING DWELLINGS OR SLEEPING UNITS THAT HAVE ATTACHED GARAGES OR FUEL-BURNING APPLIANCES SHALL BE PROVIDED WITH A CARBON MONOXIDE ALARM IN ACCORDANCE WITH SECTION R315.1 CARBON MONOXIDE ALARMS SHALL ONLY BE REQUIRED IN SPECIFIC DWELLING UNIT OR SLEEPING UNIT FOR WHICH THE
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NOTE: EVERY SPACE INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH NATURAL LIGHT BY MEANS OF EXTERIOR GLAZED OPENINGS IN ACCORDANCE WITH SECTION 1205.2 OR SHALL BE PROVIDED WITH ARTIFICIAL LIGHT THAT IS ADEQUATE TO PROVIDE AN AVERAGE ILLUMINATION OF 10- FOOT-CANDLES OVER THE AREA OF THE ROOM AT A HEIGHT OF 30 INCHES ABOVE THE FLOOR

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- 2. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60-INCHES ABOVE THE FLOOR OR WALKING SURFACE.
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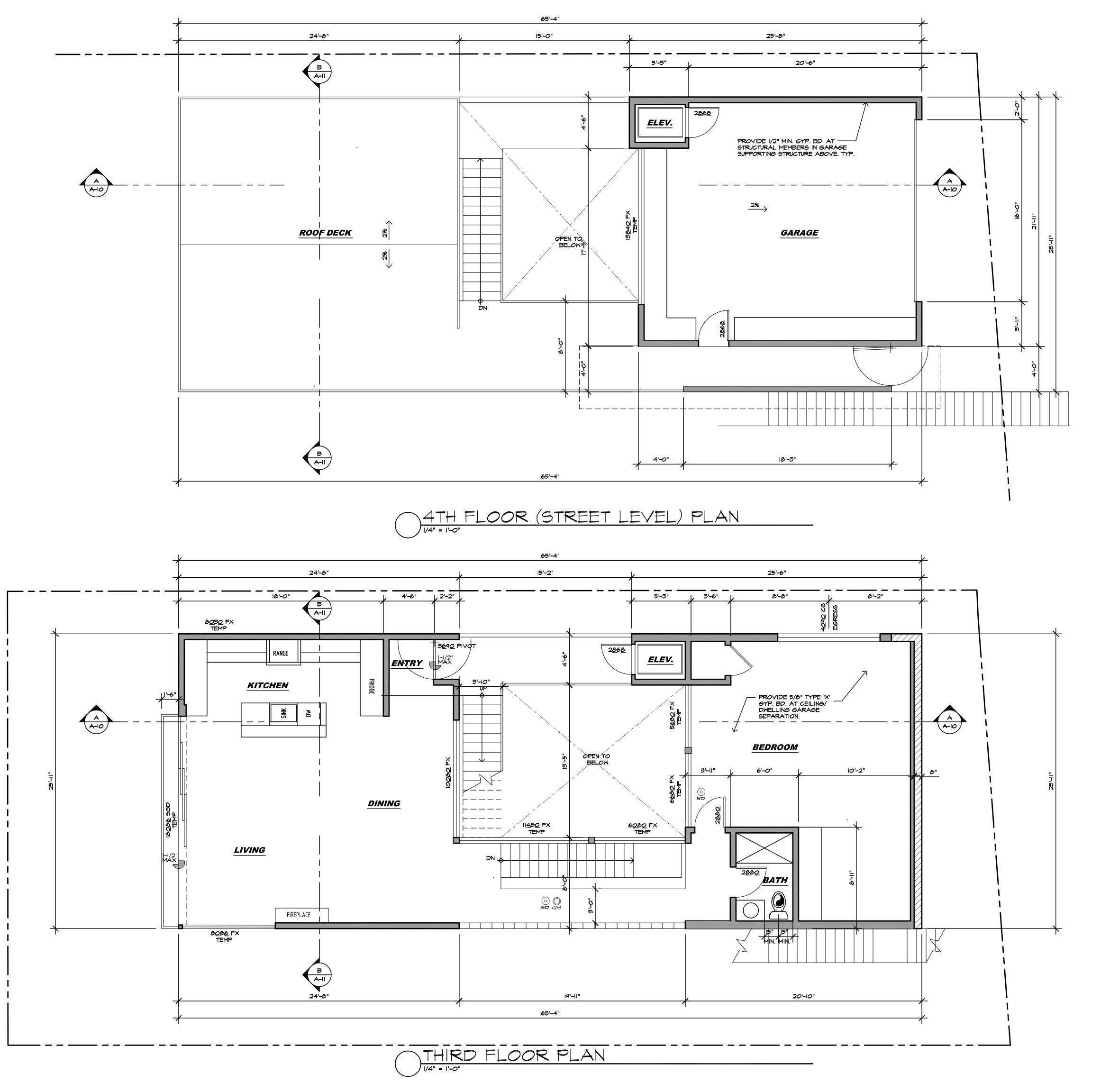
THE SURFACE OF THE GLAZING IS LESS THAN 60-INCHES ABOVE THE NOSE OF THE TREAD <u>8.</u> GLAZING ADJACENT TO STAIRWAYS WITHIN 60-INCHES HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS

LESS THAN 60 INCHES ABOVE THE NOSE OF THE TREAD.









WALL LEGEND

PROPOSED WALL

EXISTING WALL TO REMAIN MIN. 50 CFM EXHAUST FAN. DUCT TO EXTERIOR. NO DUCTLESS FANS. SEE NOTES:

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B. NEWLY INSTALLED BATHROOM EXHAUST FANS, NOT FUNCTIONING AS AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, MUST BE CONTROLLED BY A HUMIDISTAT WHICH SHALL BE READILY AVAILALE

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PERMIT WAS OBTAINED

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- 3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS: A. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQUARE FEET
- B. BOTTOM EDGE LESS THAN 18-INCHES ABOVE THE FLOOR C. TOP EDGE GREATER THAN 36-INCHES ABOVE THE FLOOR D. ONE OR MORE WALKING SURFACES WITHIN 36-INCHES HORIZONTALLY OF THE GLAZING <u>4.</u> GLAZING IN RAILINGS
- 5. GLAZING IN ENCLOSURES FOR OR WALLS FACING HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATH TUBS AND SHOWERS WHERE THE BOTTOM EDGE IS LESS THAN 60-INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE 6. GLAZING IN WALLS AND FENCES ADJACENT TO INDOOR AND

OUTDOOR SWIMMING POOLS, HOT TUBS AND SPAS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60-INCHES ABOVE

- A WALKING SURFACE AND WITHIN 60-INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE. 1. GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36-INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE SURFACE OF THE GLAZING IS LESS THAN 60-INCHES ABOVE
- THE NOSE OF THE TREAD 8. GLAZING ADJACENT TO STAIRWAYS WITHIN 60-INCHES HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE NOSE OF THE TREAD.





ROOF PLAN

SHEET TITLE: PROPOSED FLOOR PLANS
JOB NO:
DATE:
DRAWN BY:

SHEET TITLE: PRC
JOB NO:
DATE:
DRAWN BY:

USTIN BREVOORT)00) 000 - 0000 37 E MONTREAL ST. OS ANGELES, CA 90293

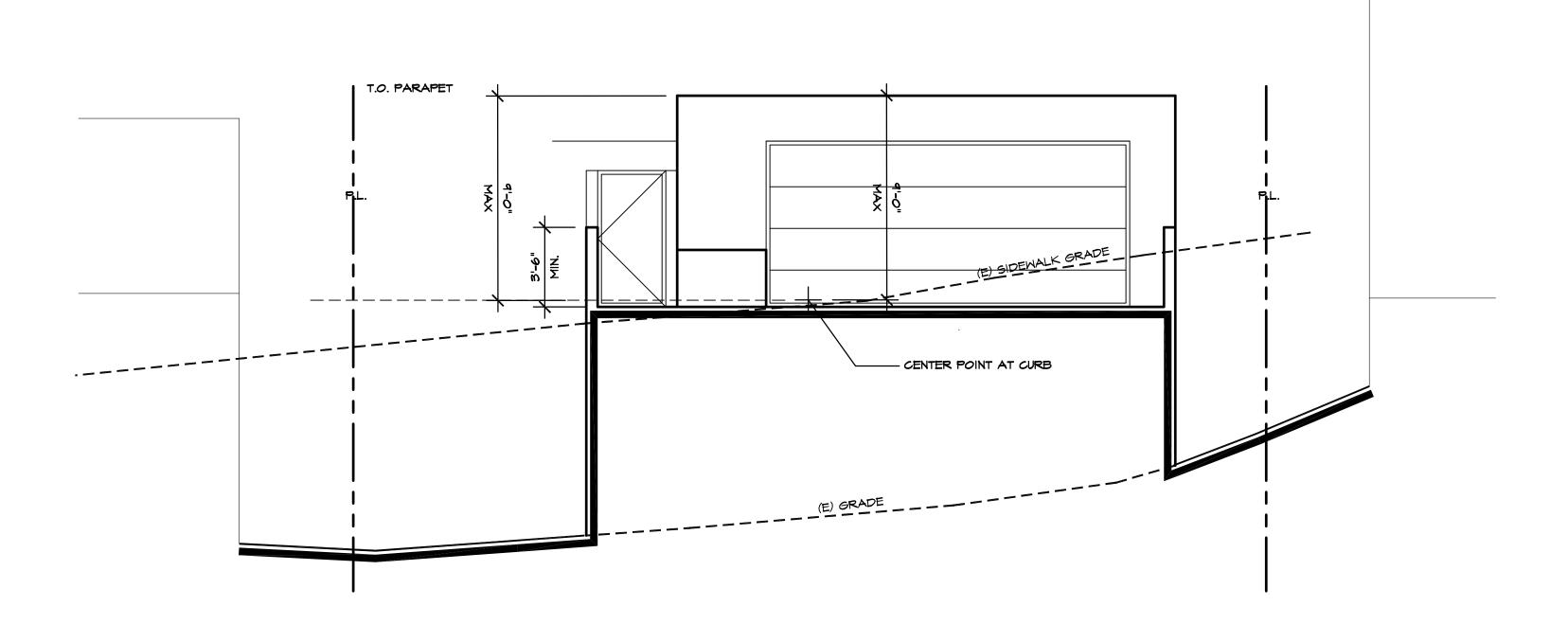




NOTES:

I. PROVIDE APPROVED ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.

2. PROTECTION OF WOOD AND WOOD BASED PRODUCTS FROM DECAY SHALL BE PROVIDED IN THE LOCATIONS SPECIFIED PER SECTION R317.1 BY THE USE OF NATURALLY DURABLE WOOD OR WOOD THAT IS PRESERVATIVE-TREATED IN ACCORDANCE WITH AWPA UI FOR THE SPECIES, PRODUCT, PRESERVATIVE AND END USE



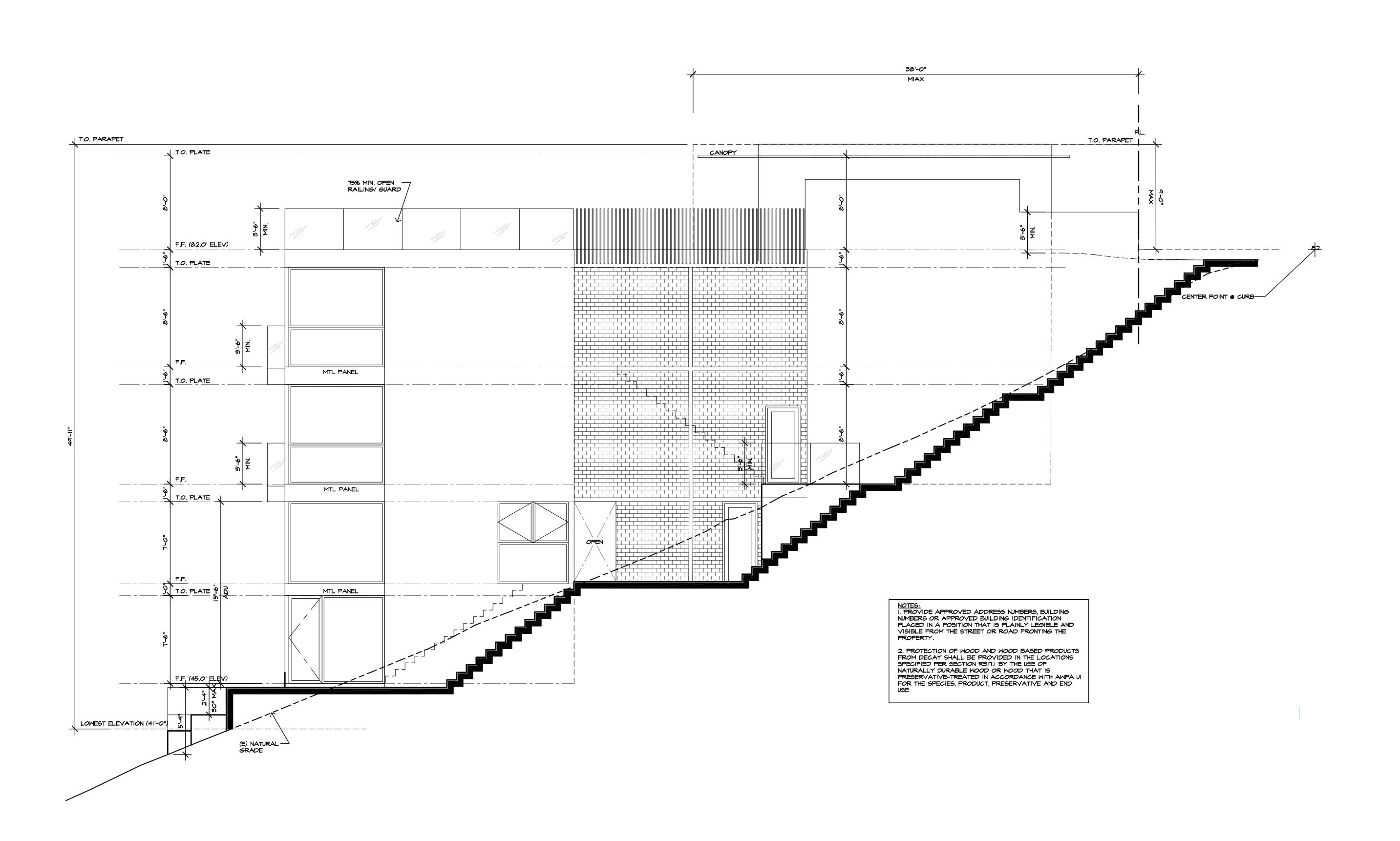
FRONT ELEVATION

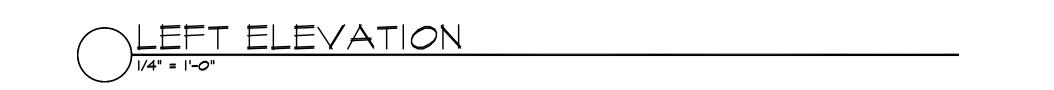
SHEET TITLE: EXTERIOR ELEVATIONS	REVISIONS:			
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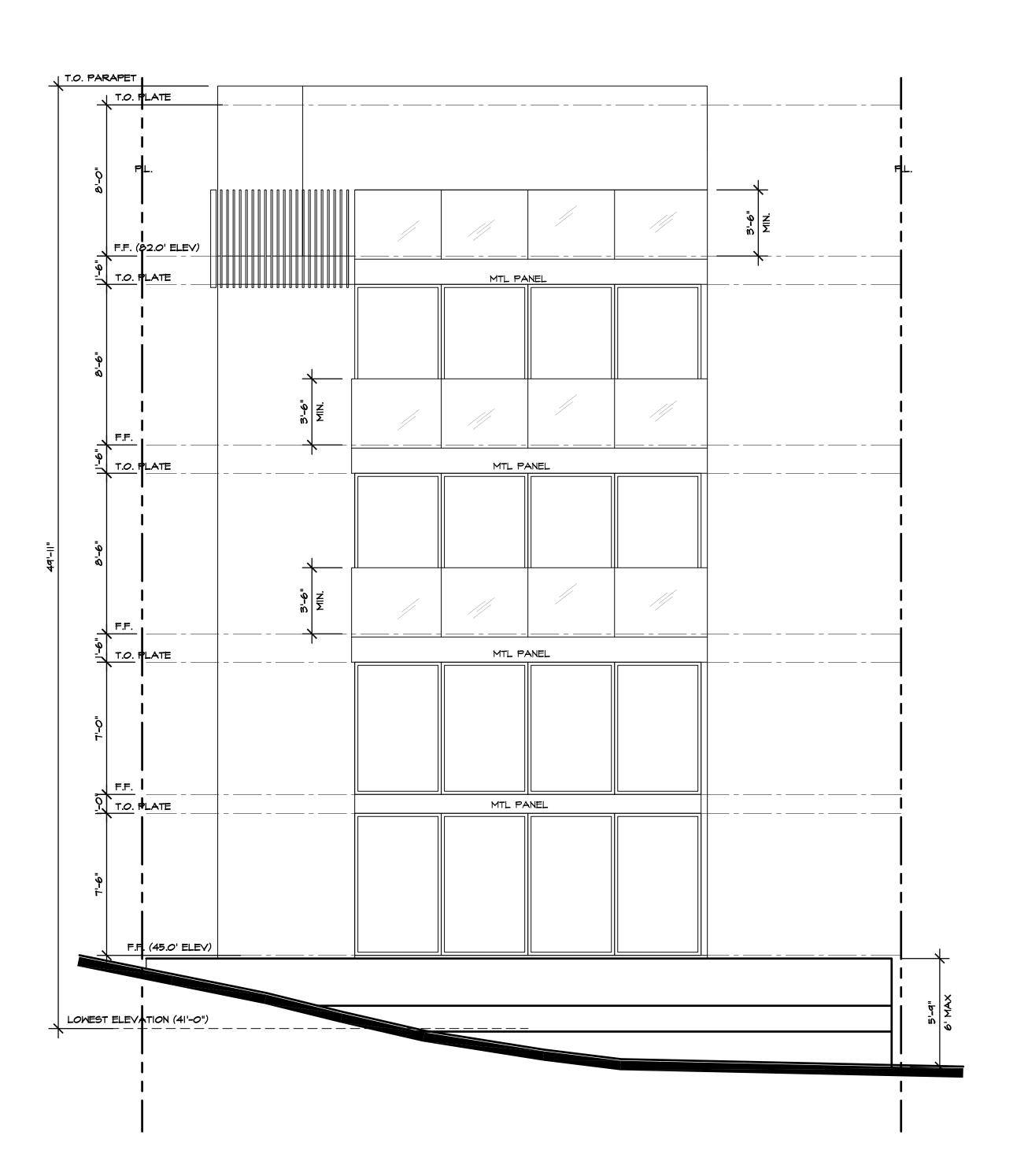
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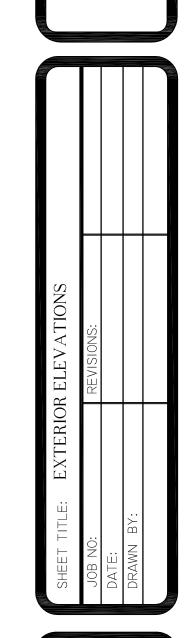
JOB NO:
DATE:
DRAWN BY:

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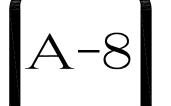


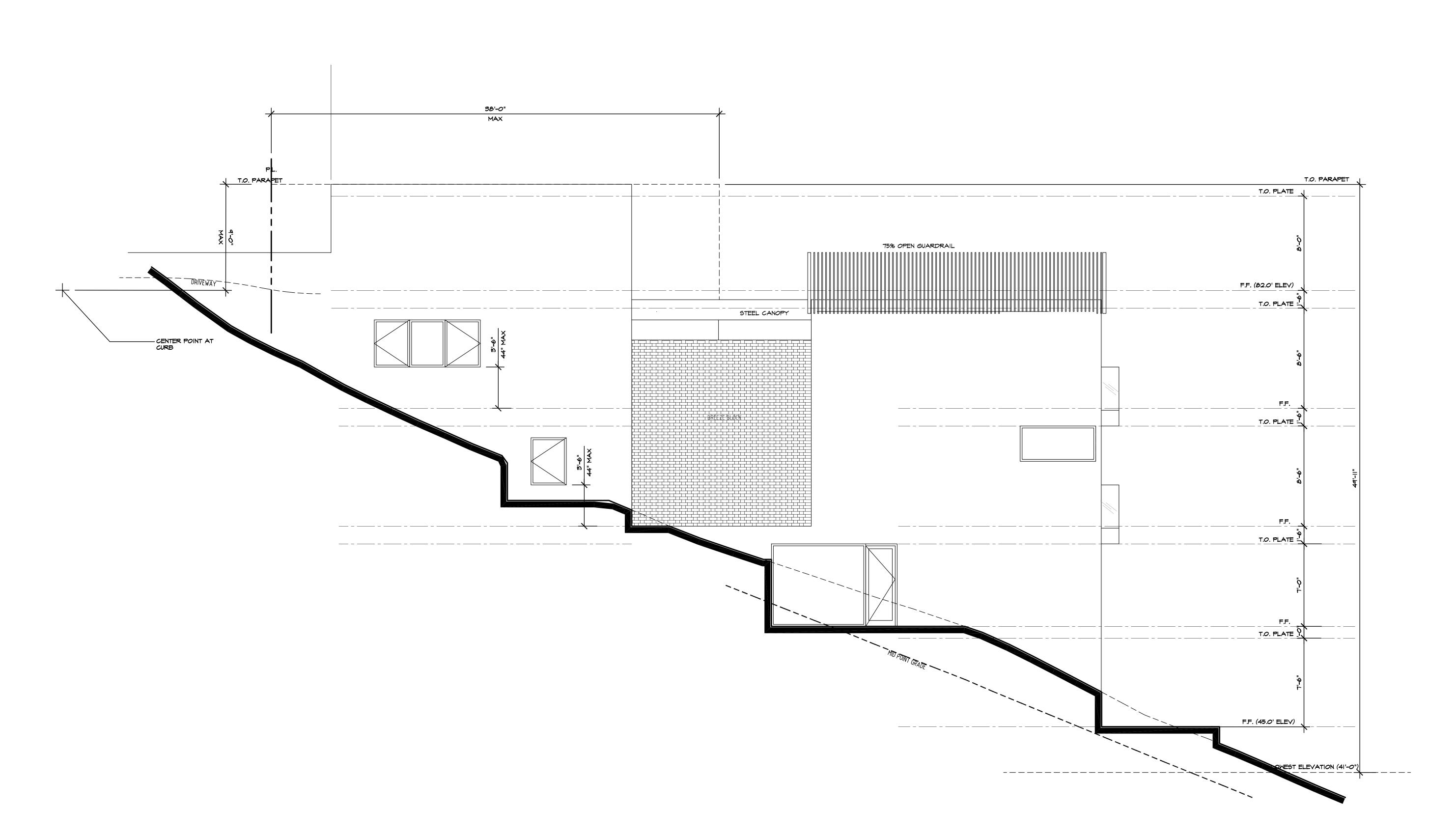




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RELEVATIONS
REVISIONS:

REVISIONS:

BRIAN NOTEWARE AIA PLANNING DEVELOPMENT
ARCHITECT INC. 2800 28TH ST., # 160 SANTA MONICA, CA 90405

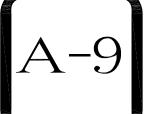
PH: (310)452-6500 PH: (310)452-5444 FAX: (310)452-74

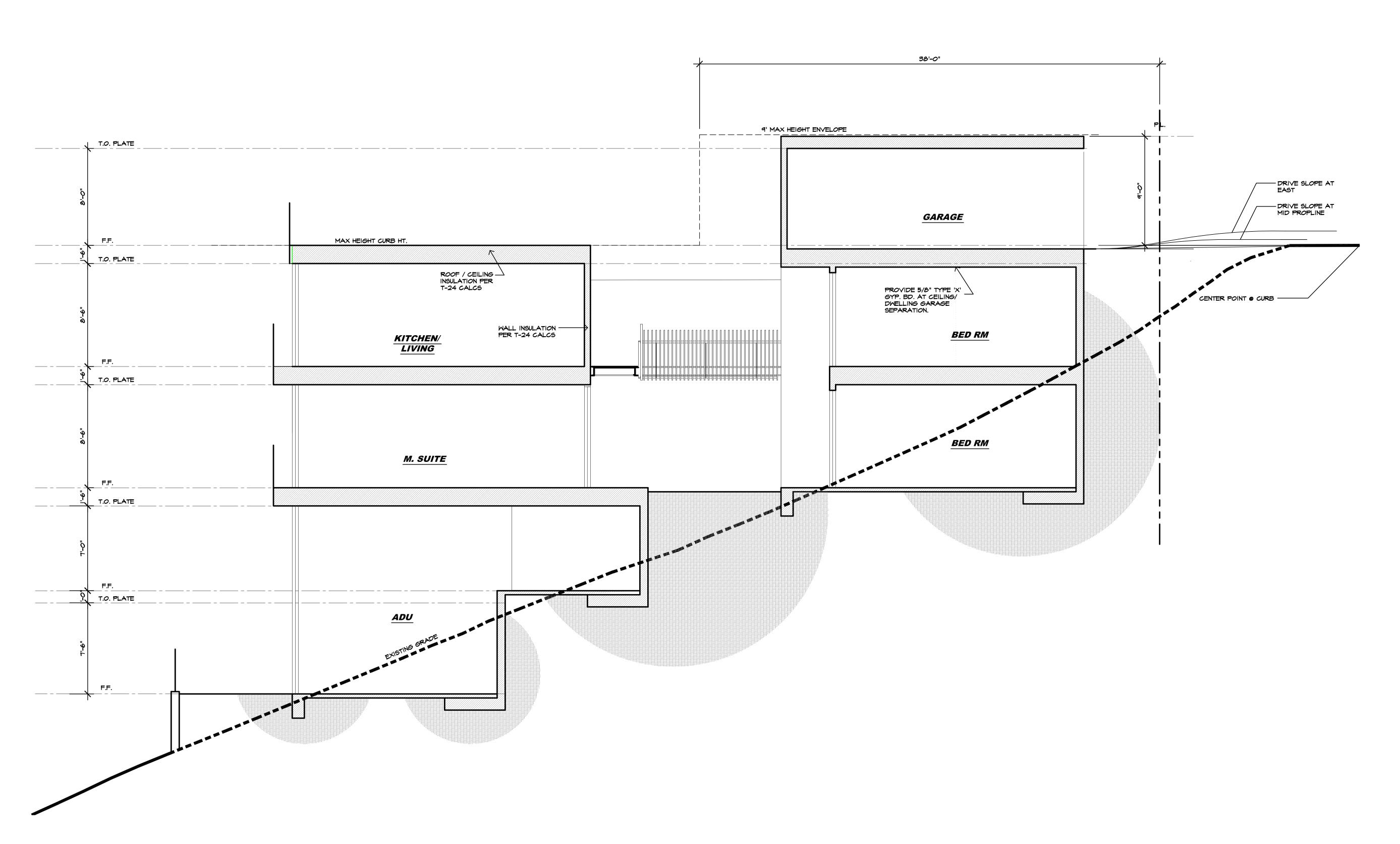
SHEET TITLE: EXTERIOR ELEVATIONS

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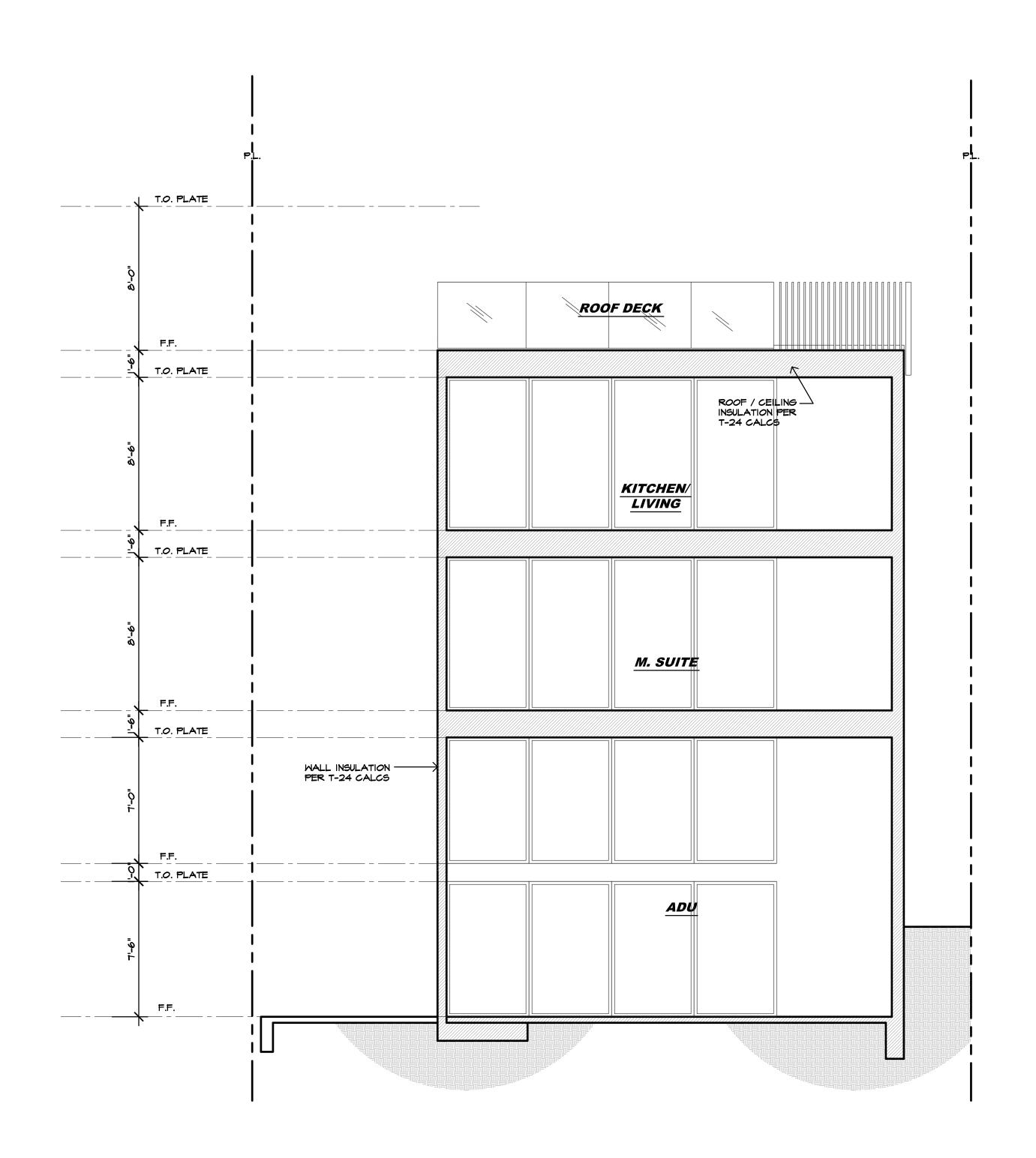


SECTION 'A'

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SHEET TITLE: BUILDING SECTIONS

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