205-040-40

5,054 S.F

APPLICABLE CODE

ALL CONSTRUCTION SHALL COMPLY WITH:

2016 CALIF, FIRE CODE

2016 CALIF, BLDG CODE 2016 CALIF, RESIDENTIAL CODE

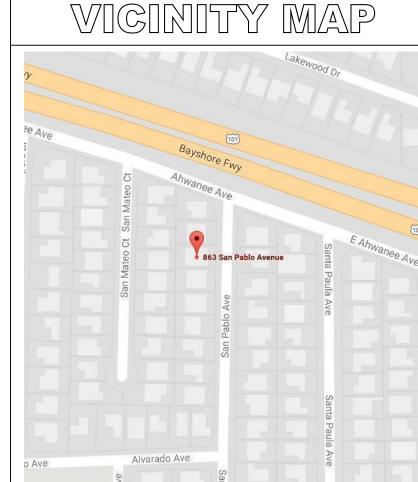
2016 CALIF, MECH, CODE

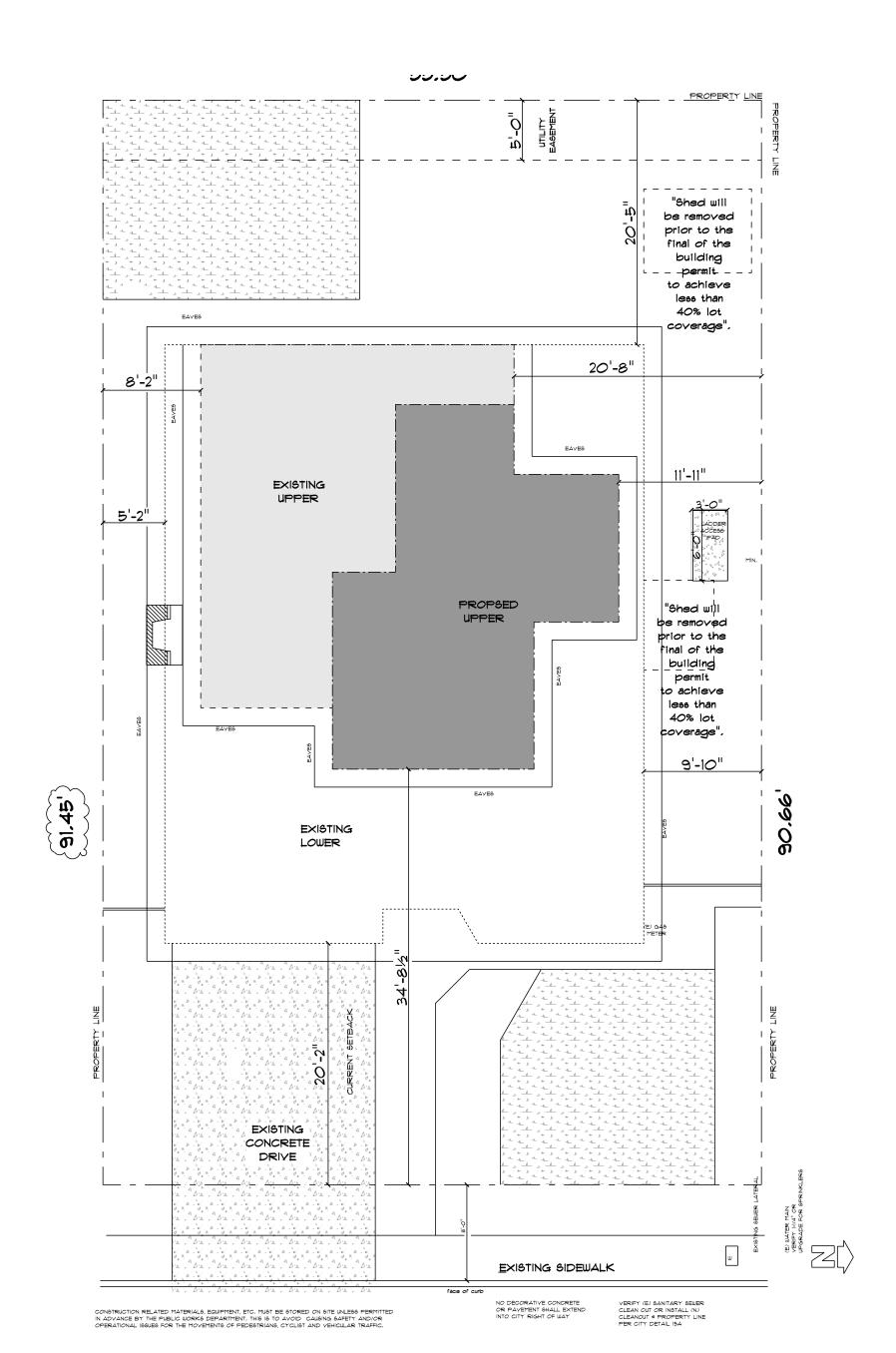
2016 CALIF, PLUMB'G CODE 2016 CALIF, ELEC, CODE

2016 CALIF, ENERGY CODES 2016 CALIF, GREEN BUILDING CODES

ANY OTHER APPLICABLE LOCAL

STATE LAWS # REGULATIONS.





FRIOR TO ANY WORK IN THE PUBLIC RIGHT OF WAY, OBTAIN AN ENCROACHMENT PERMIT WIT INBURANCE REQUIREMENS FOR ALL PUBLIC IMPROVEMENTS INCLUDING A TRAFFIC CONTROL PLAN PER THE LATEST CALIFORNIA MANUAL ON INFORM TRAFFIC CONTROL DEVICES (MUTCO STANDARDS TO BE REVIEWED AND APPROVED BY THE DEPARTMENT OF PUBLIC WORKS,

SAN PABLO AVE.

PROPOSED SITEPLAN

SCALE: 1/8" = 1'-0"



A REMODEL FOR JAGAIT RESIDENCE MEGAN MINER

PERSONAE

OWNER JAGAIT RESIDENCE 863 SAN PABLO AVE. SUNNYVALE, CA 94085 STRUCTURAL ENGINEER MHA CONSULTING ENGINEERS 1623 WRIGHT AVE, SUNNYVALE, CA. 94087 (408) 735-1524

DESIGNER

MEGAN MINER DESIGN MEGAN MINER 18488 PROSPECT RD. #15 SARATOGA, CA 95070 (408) 396-0951

ALL JOB SITE SAFETY DURING CONSTRUCTION.

AREA & SLOPE GRADE 2% MIN. @ PAYED AREAS.

TITLE 24

JOSH MINER 2288 INCARUS DR. HERDERSON NV. 89704 (408) 394-6882

GENERAL NOTES

ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF MEGAN MINER DESIGN PRIOR TO COMMENCING.

VERIFY LOCATION OF UTILITIES AND EXISTING CONDITIONS AT SITE PRIOR TO CONSTRUCTION AND BIDDING.

CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR METHOD AND MANNER OF CONSTRUCTION AND FOR

SLOPE ALL FINISH GRADES IN, 5% 5'-O" AWAY FROM STRUCTURE FOR POSITIVE DRAINAGE @ LANDSCAPED

ALL WORK APPLIANCES AND EQUIPMENT SHALL COMPLY WITH C.E.C. TITLE 24 RESIDENTIAL ENERGY STANDARDS.

NO CONSTRUCTION EQUIPMENT OR PRIVATE VEHICLES SHALL PARK OR BE STORED WITHIN THE DRIPLINE OF ANY ORDINANCE PROTECTED TREES ON SITE.

ADDRESS NUMBERS ON BUILDING SHALL BE CLEARLY VISIBLE FROM STREET OR ROAD FRONTING THE

PROPERTY, MIN, 4" HIGH \times 1" WIDE PER CRC R319,

DUCT OPENING COVERED AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION

YOC COMPLIANCE - CAULKS, SEALANTS, ADHESIVES, COMPLIANT WITH MIR LIMITS FOR ROC AND OTHER COMPOUNDS (TABLE 4,504,1)

PAINTS AND COATINGS COMPLIANT WITH YOC LIMITS (TABLE 4.504.3)

AEROSOLS AND COATINGS COMPLIANT WITH MIR LIMITS FOR ROC AND OTHER TOXIC COMPOUNDS VERIFICATION AND DOCUMENTATION OF YOU LIMITS AND FINISH MATERIALS

YOC COMPLIANCE - CARPET & CARPET SYSTEMS

STANDARDS, (TABLE 4,504,5)

HYAC INSTALLERS TRAINED AND CERTIFIED

80% FLOOR AREA RECEIVING REGILIENT FLOORING MEET VOC-EMIGGION LIMITS PER CHPS PARTICLEBOARD, MDF, HARDWOOD PLYWOOD COMPLY WITH LOW FORMALDEHYDE EMISSION

MOISTURE CONTENT OF FLOORS AND WALLS CHECKED BEFORE ENCLOSURE

BATHROOM EXHAUST FANS TERMINATE OUTSIDE BUILDING AND CONTROLLED BY HUMIDITY CONTROL

DUCT SYSTEM ARE SIZED AND DESIGNED AND EQUIPMENT IS SELECTED USING THE FOLLOWING: 1. ESTABLISHED HEAT LOSS AND GAIN ACCORDING TO ANSI/ACCA MANUAL J 2. DUCT SYSTEMS ARE SIZED ACCORDING TO ANSI/ ACCA MANUAL D-2009 3. SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ ACCA MANUAL 6-2004

NOTE TO CONTRACTOR

THE CONTRACTOR AND/OR SUPPLIER OF MATERIALS SHALL NOT SCALE ANY DIMENSIONS FOR CONSTRUCTION PURPOSES, IN THE EYENT A DIMENSION IS REQUIRED THAT DOES NOT OCCUR ON THE DRAWINGS AND/OR A DIMENSION ERROR IS FOUND ON THE DRAWINGS, THE CONTRACTOR AND/OR SUPPLIER OF MATERIALS WILL NOTIFY THE OFFICE OF MEGAN MINER DESIGN, AND REQUIRES ASSISTANCE AS SOON AS POSSIBLE, IF ANY ERROR IS FOUND ON PLAN OF ANY KIND NOTIFY MEGAN MINER DESIGN THE CONTRACTOR AND/OR SUPPLIER OF MATERIALS SHALL BE SOLELY RESPONSIBLE FOR THE RESULTS OF ERRORS, DISCREPANCIES AND OMISSIONS WHICH THE CONTRACTOR AND/OR MATERIAL SUPPLIER FAILED TO NOTIFY THE OFFICE OF MEGAN MINER DESIGN. PRIOR TO CONSTRUCTION AND/OR FABRICATION OF THE WORK, NO DEVIATION FROM THE PLANS IN ANY WAY SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF MEGAN MINER DESIGN, APPROVAL BY THE CITY INSPECTOR DOES NOT CONSTITUTE AUTHORITY TO DEVIATE FROM THE PLANS OR OTHER DOCUMENTS PROVIDED BY THE OFFICE OF MEGAN MINER DESIGN.

ANALYSIS

ASSESSOR'S PARCEL# LOT AREA: **ZONING:**

TYPE OF CONSTRUCTION: R-3, U OCCUPANCY RATING:

SINGLE FAMILY RES. **EXISTING USE:** SLOPE OF LOT FLAT LOT

863 San Pablo Ave. - Project Data

5054

Existing

Floor Area	
First Floor	1608
Second Floor	497
Garage	360
Side Yard Shed (to be removed)	160
Rear Yard Shed (to be removed)	63
Total Floor Area	2688
Floor Area Ratio	53%

Lot Coverage		
First Floor	1608	
Garage	360	
Front Porch	20	
Side Yard Shed (to be removed)	160	
Rear Yard Shed (to be removed)	63	

Lot Coverage Percent 44% (max 40%)

Lot Coverage Area

Proposed

	Floor Area
1608	First Floor
497	Second Floor
498	Second Floor Addition
360	Garage
0	Side Yard Shed (Removed)
0	Rear Shed (Removed)
2963	Total Floor Area
59%	Floor Area Ratio

Lot Coverage	
First Floor	

1608

360
20
0
0
1988
39%

INDEX - VICINITY MAP - ANALYSIS | EXISTING FLOOR PLAN NEW FLOOR PLAN EXISTING ELEVATIONS NEW ELEVATIONS MORNING SOLAR STUDY AFTERNOON SOLAR STUDY STREET SCAPE SECTIONS & ROOF PLAN

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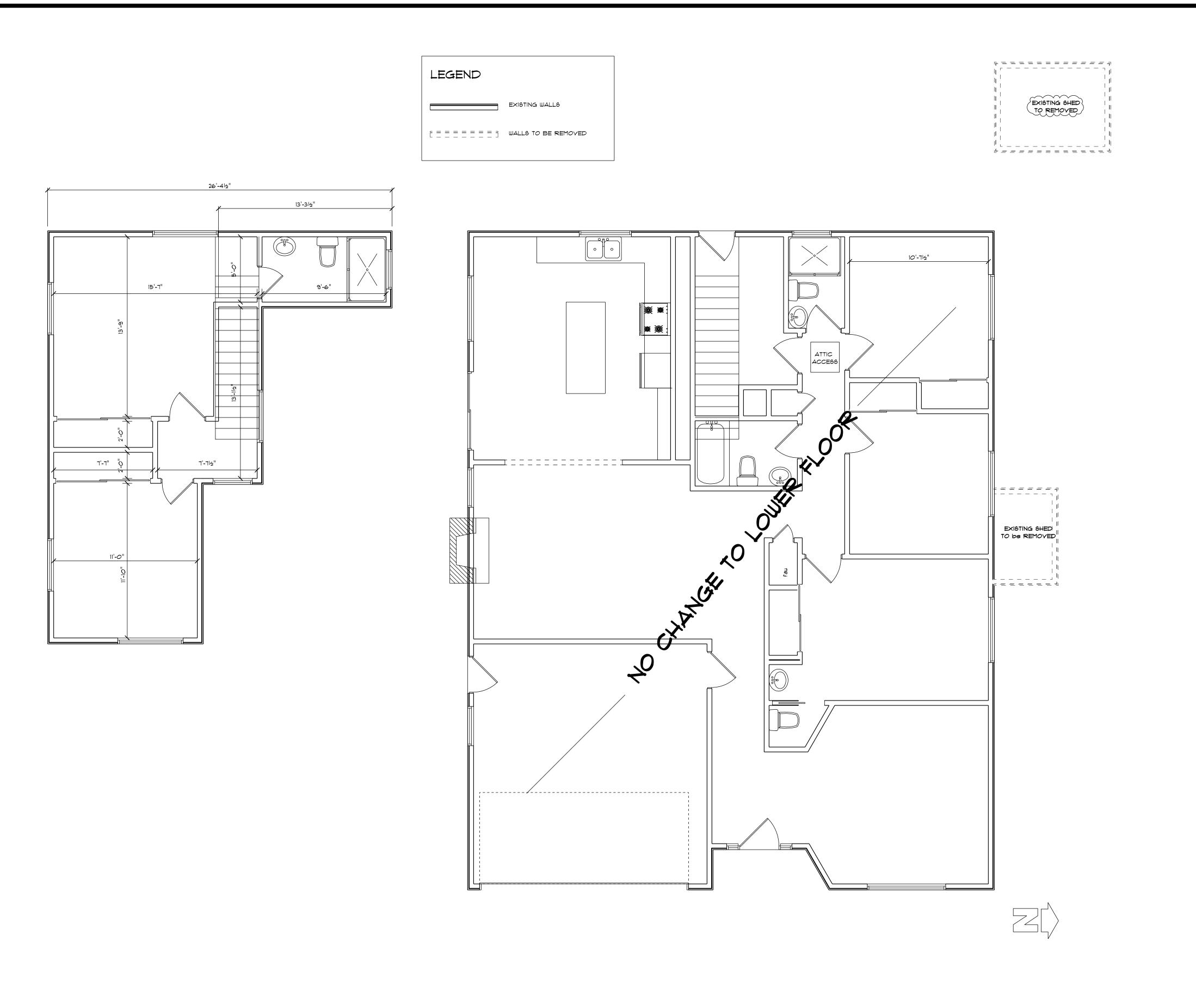
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Monday, June 25, 2018 **AS SHOWN** PAGE:

IDEX - VICINITY MAP - ANALYSIS



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

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JAGAIT RESIDENCE
863 SAN PABLO AVE. SUNNYVALE, CA

CHECKED MM Monday, June 25, 2018 SCALE AS SHOWN

PAGE: 2/9

FLOOR PLAN NOTES

TO LIVING SPACE AND 5/8" TYPE "X" GYP. ONE- HOUR FIRE-RESISTIVE CONSTRUCTION TO BE PROVIDED ON THE GARAGE CEILING WHEN LIVING SPACE IS ABOVE THE GARAGE. APPLY TO WALLS, POST AND BEAMS OF GARAGE ADJACENT TO AND SUPPORTING THE RESIDENCE. APPLIED VERT. OR HORZ. NAIL W/6d COOLER OR WALLBOARD NAILS @ 7" OC W/ END JOINTS O/ NAILING MEMBERS. STAGGER JOINTS EA. SIDE.

ALL INTERIOR WALLS SHALL BE COVERED WITH 1/2" GYPSUM WALL BOARD EXCEPT OTHERWISE NOTED.

GYPSUM WALL BOARD SHALL BE INSTALLED PER CURRENT U.B.C.

INSTALL 5/8" TYPE "X" GYP. BD. ON WALLS AND CEILING @ USABLE UNDER STAIR CLOSET, WHERE APPLICABLE.

WALL COVERING SHALL BE CEMENT BACKER BOARD, TILE OR APPROVED EQUAL TO 72" ABOVE DRAIN AT SHOWERS OR TUB WITH SHOWERS. MATERIALS OTHER THAN STRUCTURAL ELEMENTS TO BE MOISTURE RESISTANT.

PROVIDE WATER RESISTANT GYP. BD. ON ALL "WET" AREAS.

OPENINGS AROUND GAS VENTS, DUCTS & PIPING @ EACH FLOOR SHALL BE FIRE STOPPED

ALL DUCTS IN GARAGE THAT PASS THRU LIVING/GARAGE COMMON WALL SHALL BE 26 GA. STEEL OR THICKER

PROVIDE FIRE STOPS IN OPENINGS @ FLOOR CEILINGS OF ALL FIREPLACES

FIREPLACE INSTALLATION AND USE SHALL BE IN ACCORDANCE WITH THEIR LISTING & LOCAL CODES.

DRAFTSTOPING SHALL BE INSTALLED IN ALL ATTIC SPACES AND CONCEALED ROOF SPACES SUCH THAT NO HORIZONTAL

PROVIDE 1 3/8" THICK SOLID CORE DOOR W/ CLOSER FROM GARAGE TO RESIDENCE.

EXTERIOR DOORS SHALL BE 1-3/4" THICK SOLID CORE. EXCEPTIONS: EXTERIOR DOORS 1-3/4" THICK WITH SOLID WOOD PANELS NOT LESS THAN 9/16" THICK ARE A SATIS-FACTORY ALTERNATIVE TO A SOLID CORE DOORS.

VENTILATING OPENINGS SHALL BE COVERED WITH METAL MESH WITH MAX. 1/4" OPENINGS.

F.A.U. & WATER HEATER INSTALLED ON 18" HIGH WOOD PLATFORM W/ 1 1/8" PLYWOOD TOP SURFACE. INSTALL SEISMIC STRAP ON ALL WATER HEATERS WATER HEATERS AND FURNACES TO BE CEC CERTIFIED. WATER HEATERS TO HAVE PRESSURE & TEMPERATURE RELIEF DEVICES & DISCHARGE TO OUTSIDE STRAPS TO BE INSTALLED AT POINTS WITHIN UPPER 1/3 AND LOWER 1/3 OF IT'S VERTICAL DIMENSIONS. AT LOWER POINT, A 4" CLEARANCE SHALL BE MAINTAINED ABOVE CONTROLS, WHEN LOCATED IN GARAGE. SEE DETAIL SHEET EM

WINDOWS MARKED AS "EGRESS" MUST MEET U.B.C. MINIMUM REQUIREMENTS. OF MAX 44" HIGH SILL & MIN. NET CLEAR OPENINGS OF 20" IN WIDTH & 24" IN HEIGHT W/ MIN. CLEAR OPENING OF 5.7 SQ. FEET

CRAWL SPACE ACCESS TO BE 18" X 24" MIN.

ATTIC ACCESS TO BE 30"X 22" MIN.

INTERIOR HANDRAILS & GUARDRAILS TO BE WOOD. EXTERIOR HANDRAILS & GUARDRAILS TO BE W.I. UNLESS OTHERWISE NOTED.

ALL GLASS DOORS, GLASS WITHIN 24" OF DOORS & WITHIN 18" OF FLOOR, GLASS SUBJECT TO HUMAN IMPACT, ETC SHALL BE SAFETY TEMPERED

PROVIDE 2 X SOLID BACKING FOR RAILINGS, CABINETS, SHELVING, ACCESSORIES, ETC. AS NEEDED.

EXTERIOR STUDWALLS TO BE 2 X 4 STUDS 16" O.C. W/ BATT INSULATION. (UNLESS OTHER WISE NOTED -CHECK FLOORPLANS.)

PURPOSES ONLY. ACTUAL WINDOW & DOOR SIZES SHALL BE FRAMED & SET PER MRG. SPECIFICATIONS. MAKE & MODEL NUMBERS SHALL BE CALLED OUT PER SUPPLIERS AND OR OWNER'S SPECIFICATIONS. WINDOWS TO BE DUAL-PANED (U.N.O.)

INSTALL ALL WINDOWS AND DOOR AS PER MANUF. SPECIFICATIONS ATTICS WITH A VERTICAL HEIGHT OF 30" OR MORE REQUIRES ACCESS.

ALL ATTICS ACCESS ARE A 1/2" PLYWOOD PANEL FINISHED WITH A GRADE SIDE TO THE OCCUPIED SPACE. PAINT TO MATCH THE CEILING TO THE PLY

ATTIC FURNACE: MINIMUM OF 5' IN HEIGHT OF CLEAR SPACE. A CONTINUOUS ACCESSIBLE OPENING AND PASSAGEWAY WITH A MIN. OF 22' X 30" IN SIZE OR AS LARGER AS THE SMALLEST PIECE OF EQUIPMENT. MAX. 20 FEET TRAVEL PATH AND 24" WIDE W/ SOLID FLOOR PASSAGEWAY. MIN. 30" X 30" WORKING PLATFORM IN FRONT OF THE ENTIRE FIREBOX. A PERMANENT ELECTRICAL OUTLET AND LIGHTING FIXTURE. SEE DETAIL SHEET EM

ACCESSIBLE UNDER-FLOOR AREA SHALL BE PROVIDED WITH A MIN. 18" X 24" OPENING. UNDER-FLOOR AREA SHALL BE VENTILATED BY OPENINGS OF A NET AREA OF NOT LESS THAN 1/150 OF UNDER-FLOOR AREA. VENTILATED OPENINGS SHALL BE PROTECTED BY METAL MESH WITH A 1/4" MAX. OPENING.

CONTRACTOR SHALL PROVIDE GALVANIZED SHEET METAL PAN UNDER ALL CLOTHES WASHER, WHEN LOCATED ON AN UPPER FLOOR.

ALL DIMENSIONS ARE TO THE FACE OF STUDS.

FLASH ALL EXTERIOR OPENINGS WITH SHEET METAL TO EXTEND 6" UNDER BUILDING PAPER BEHIND WALL OPENING.

CABINET MANUFACTURER SHALL PROVIDE SHOP DRAWINGS FOR CONTRACTOR, OWNER, OR HIS AGENT'S APPROVAL FOR ALL CABINET SIZES AND FINISHES, MATERIAL ETC.. SHOP DRAWING SUPERCEDE ALL INTERIOR ELEVATIONS.

MINIMUM 26 GAGE IN THICKNESS FOR ALL AIRDUCTS PASSING THRU THE WALL TO THE GARAGE.

LANDINGS SHALL HAVE A WIDTH NOT LESS THAN A WIDTH OF THE DOOR OR A STAIRWAY.

STAIRWAYS: 36" MINIMUM WIDTH, 7 3/4" MAX. RISE, 10" MIN. RUN AND6'-8"

MIN. HEAD ROOM TOILETS TO HAVE MIN. 30" WIDE X 24" DEEP CLEARANCE.

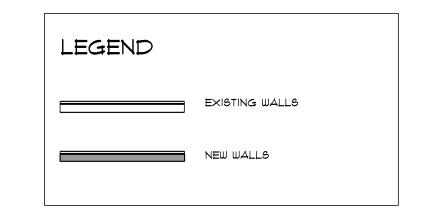
PROVIDE WALL CLEAN-OUT FOR ALL SINKS

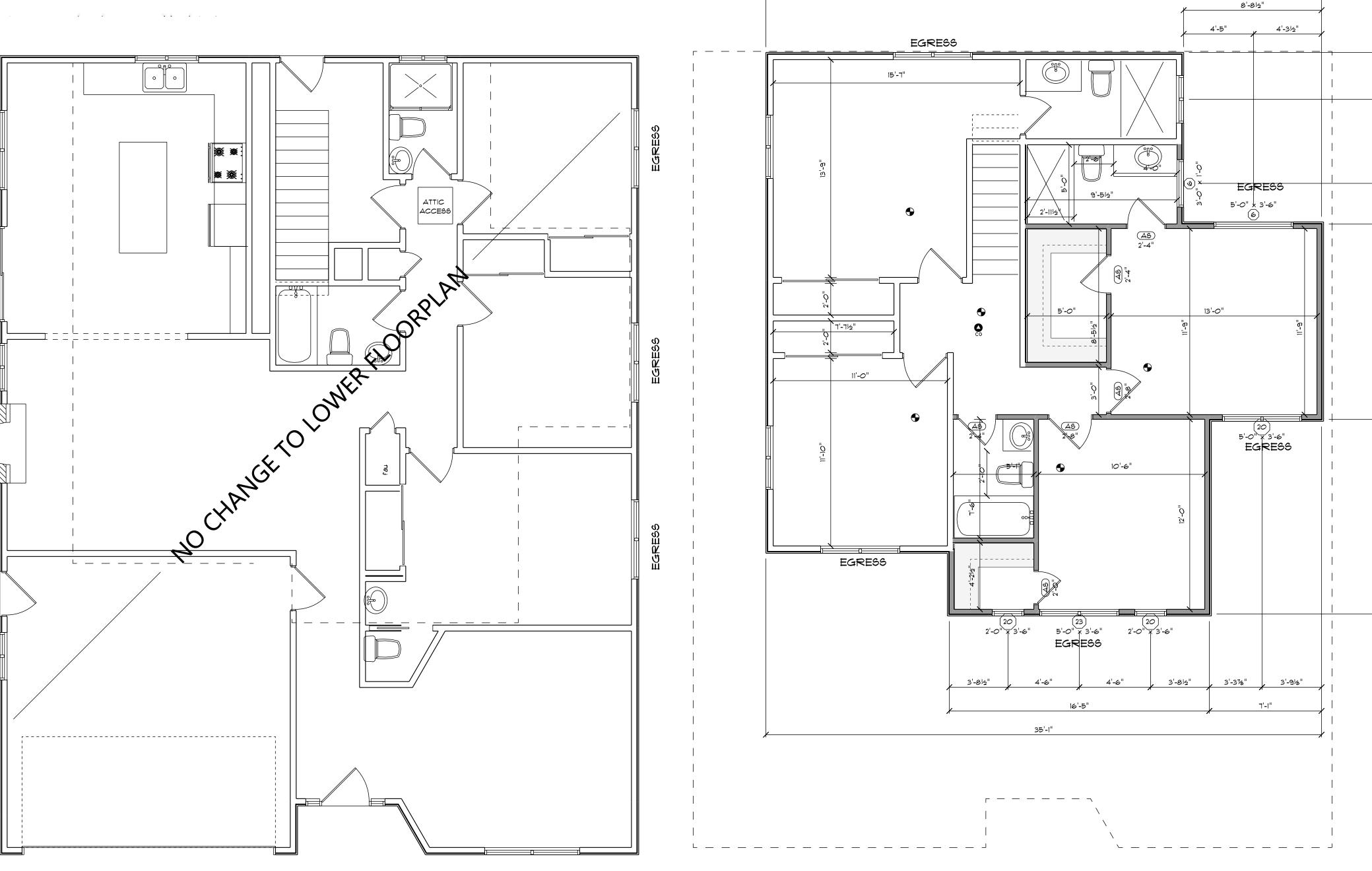
CEILING HEIGHT OF ALL ROOMS TO INCLUDE FLOOR FINISH.

PROVIDE COMBUSTION AIR FOR SOLID FUEL BURNING APPLIANCES

REQUIRED EGRESS DOOR THRESHOLDS MAY BE 1.5" IN HEIGHT MAX: OTHER DOORS MAY HAVE A THRESHOLD OF 7.75" REGARDLESS OF DOOR SWING, CRC. R311.31

- Comply with all applicable requirements of the Sunnyvale Municipal Code (SMC), California Fire Code (CFC), Title 19 California Code of Regulations, and Sunnyvale Fire Prevention procedures/requirements.
- Basements and sleeping rooms below the fourth story above grade plane shall have at least one exterior emergency escape and rescue opening (escape window) in accordance with CFC Section 1029. (CFC
- Landscaping and location of sleeping rooms relative to property lines shall be located so as to provide approved ladder access to each
- sleeping room. Approved ladder access consists of a maximum 70 degree climbing angle, at least 3 feet of clear space behind the base of the ladder to allow access and approved concrete or gravel ladder pads having a minimum dimension of 3' x 6' and positioned so that the 6' length is perpendicular to the structure.







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

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

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RESIDER SUNNYVAI 9

Monday, June 25, 2018 SCALE AS SHOWN JOB NO. PAGE:



EXISTING REAR ELEVATION SCALE: 1/4" = 1'-0"



EXISTING LEFT ELEVATION

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



EXISTING RIGHT ELEVATION

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



EXISTING FRONT ELEVATION

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

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Meran Mine

Megan Miner Design

88 Prospect Rd. Suite 15, Saratoga, CA 95070

A Project tor:

JAGAIT RESIDENCE

363 SAN PABLO AVE. SUNNYVALE, CA 94085

MM

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DATE

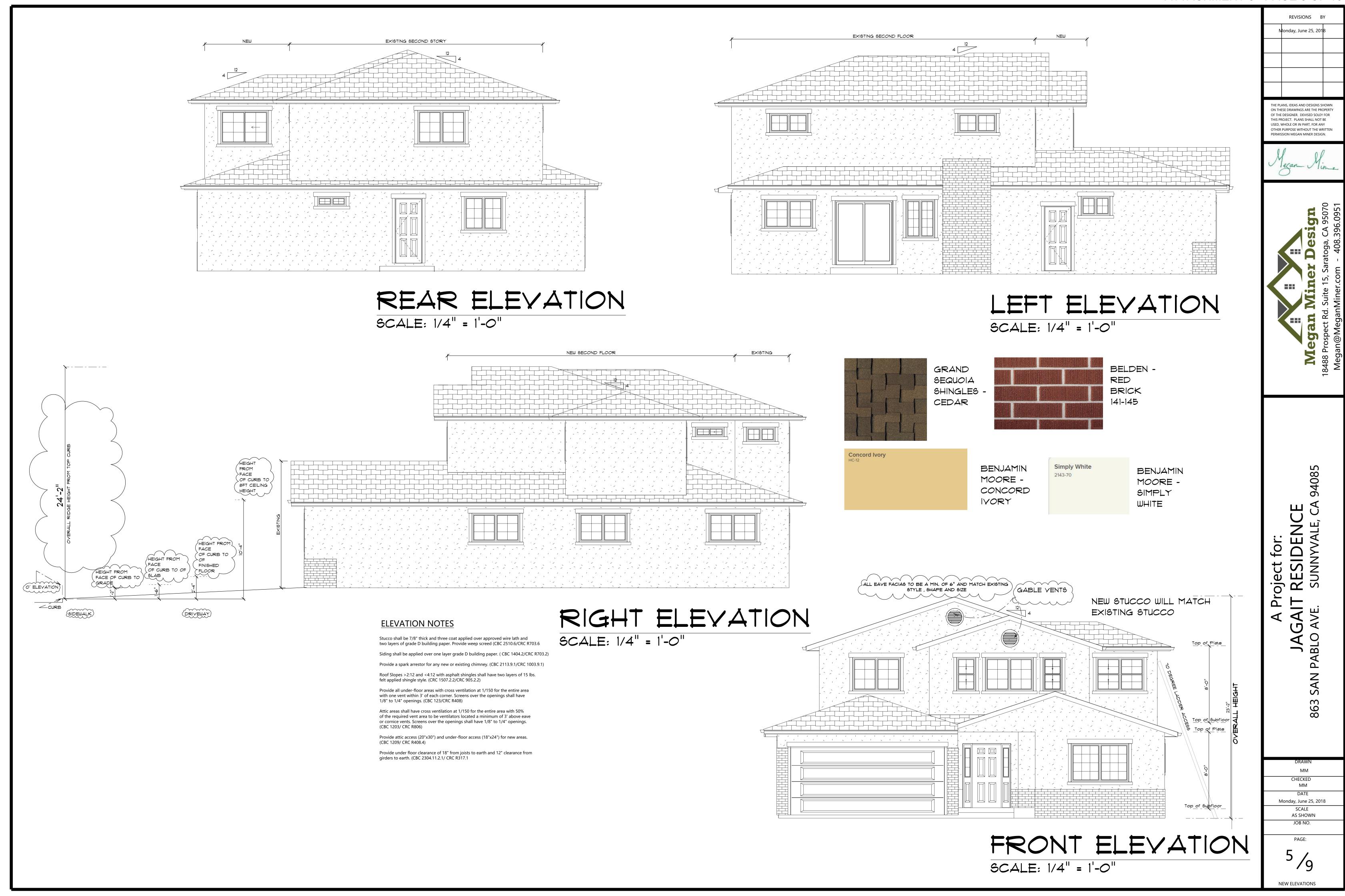
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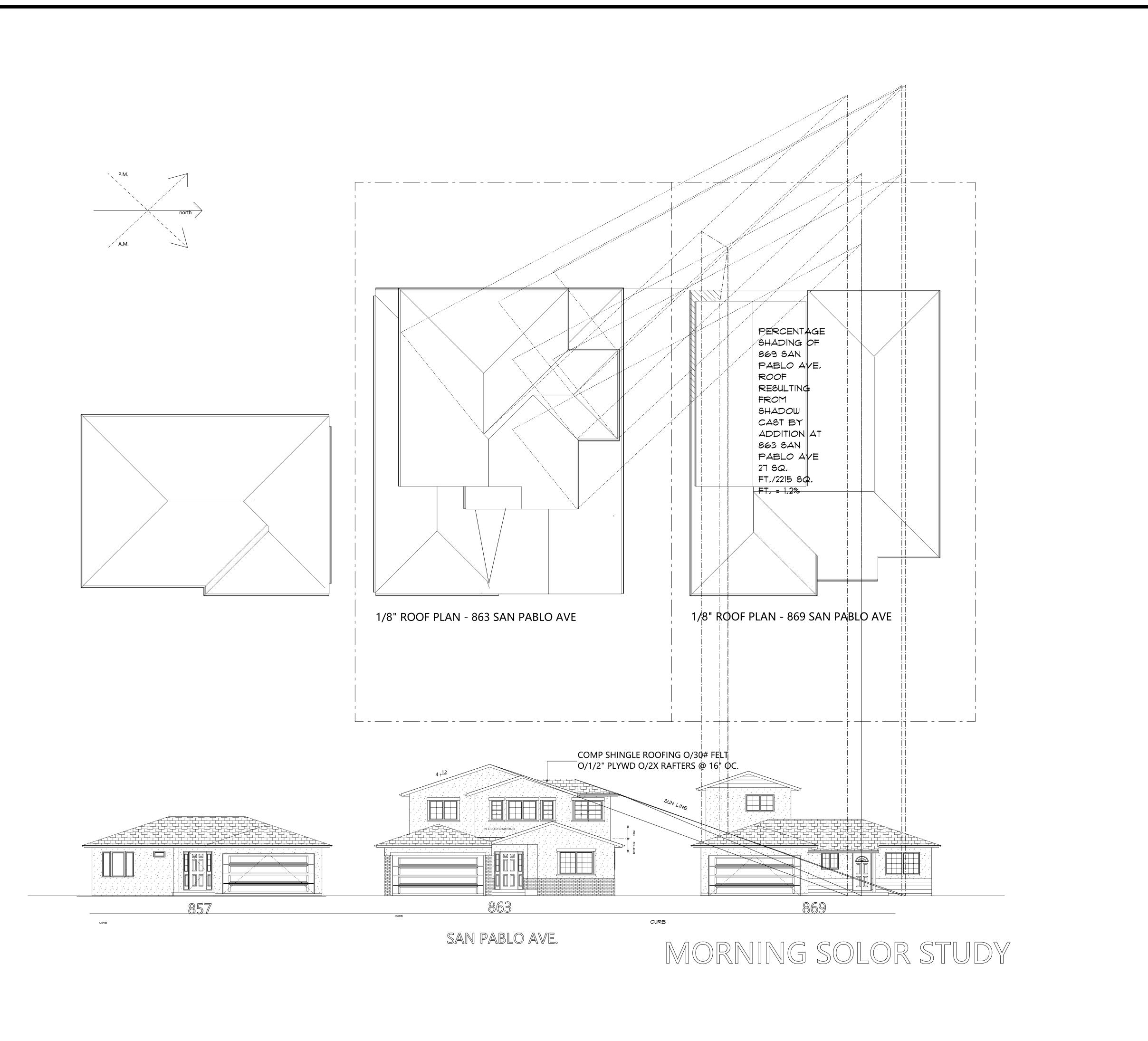
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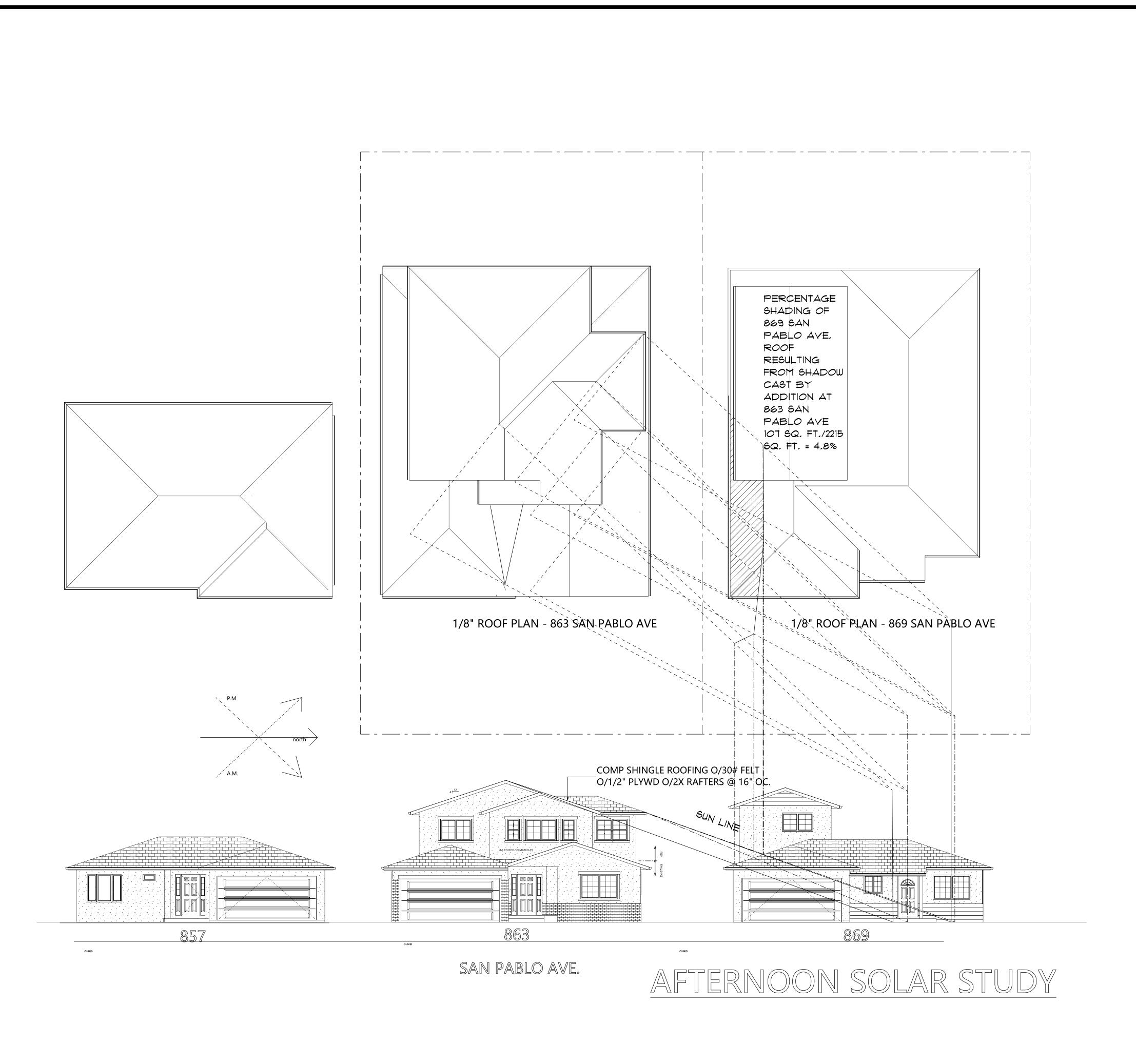
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MORNING SOLAR STUDY



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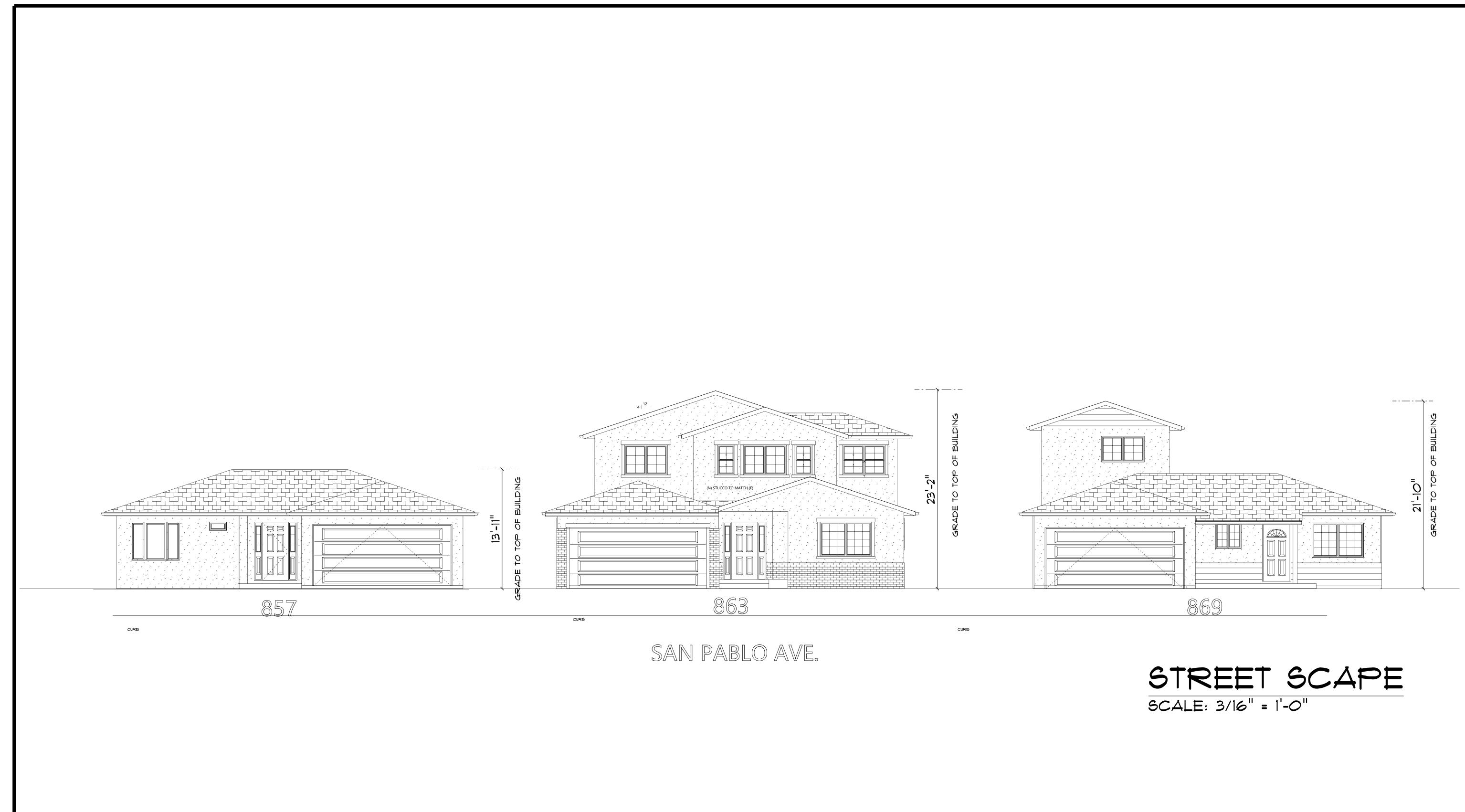
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PAGE:

AFTERNOON SOLAR STUDY



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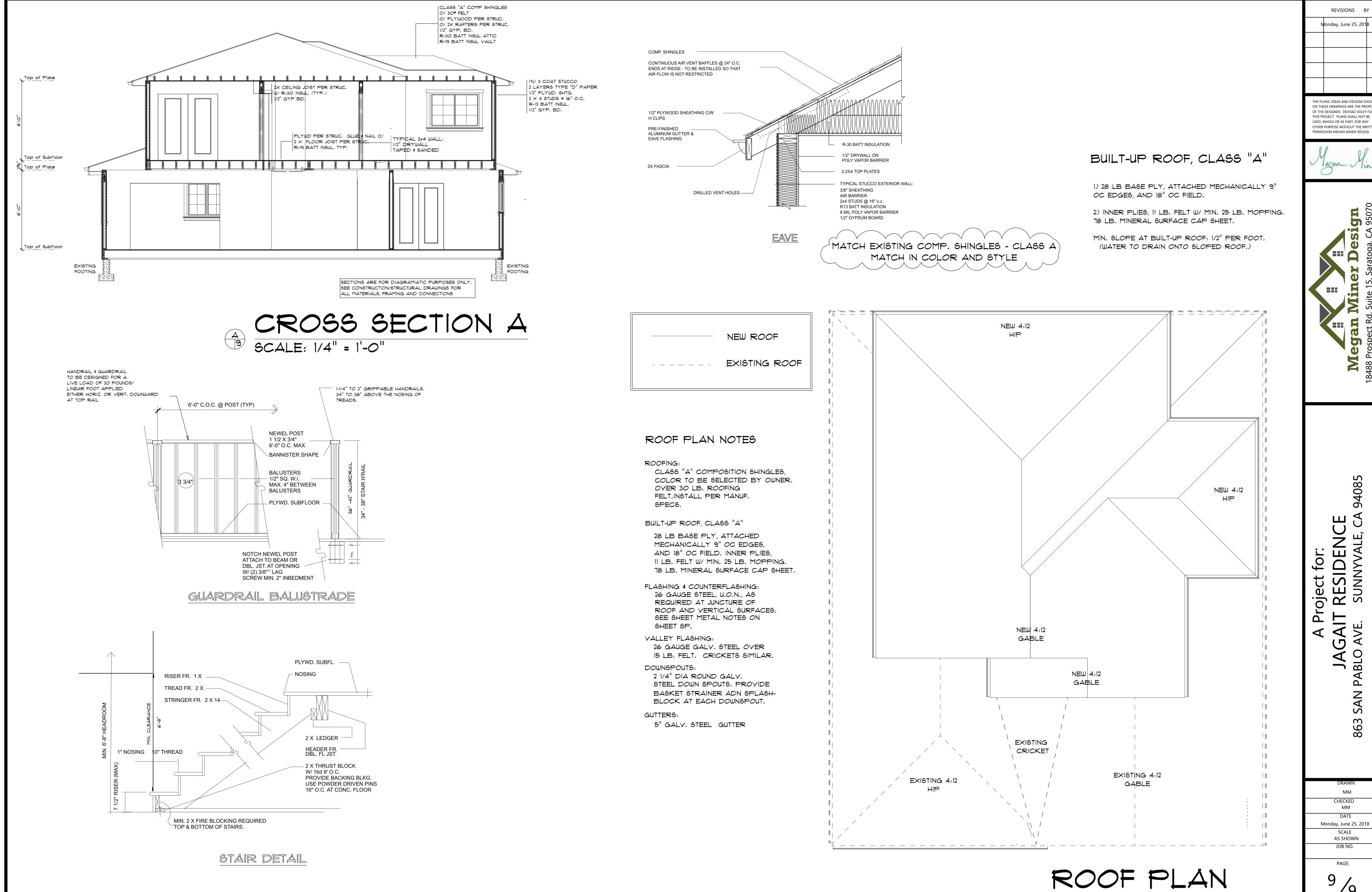
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SECTIONS & ROOF PLAN

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





GRAND SEQUOIA SHINGLES -CEDAR



BELDEN -RED BRICK 141-145

Concord Ivory HC-12

> BENJAMIN MOORE -CONCORD IVORY

Simply White

BENJAMIN MOORE -SIMPLY WHITE