LA FLECHA LANE 36 LA FLECHA LANE, SANTA BARBARA, CA

GN- GENERAL NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE 2019 CBC, 2019 CRC, 2019 CMC, 2019 CEC, 2019 CPC, 2019 CALIFORNIA GREEN 1.0 BUILDING STANDARDS CODE, 2019 CFC, 2019 CA ENERGY COMMISSION STANDARDS & ALL CITY OF SANTA BARBARA AMENDMENTS AS ADOPTED IN SANTA BARBARA CITY ORDINANCE 5919
- UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE 2.0 DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS
- 3.0 THESE DOCUMENTS CONVEY MINIMUM CONSTRUCTION REQUIREMENTS AND ARE TO BE USED WHERE THE APPLICABLE CONDITIONS OCCUR. MORE STRINGENT REQUIREMENTS STIPULATED WITHIN RELEVANT MANUFACTURER'S INSTALLATION INSTRUCTIONS WILL SUPERSEDE
- 4.0 ALL WORK TO BE PERFORMED BY LICENSED & INSURED CONTRACTOR
- THE CONTRACTOR IS RESPONSIBLE FOR MEANS, METHODS, AND TECHNIQUES FOR CONSTRUCTION 5.0
- ALL OSHA REGULATIONS SHALL BE FOLLOWED. GENERAL CONTRACTOR & EACH SUB-CONTRACTOR RESPONSIBLE FOR JOB-6.0 SITE SAFETY
- EACH SUBCONTRACTOR IS RESPONSIBLE FOR DEPOSITING DEBRIS RESULTING FROM THEIR WORK IN THE JOB-SITE 7.0 CONTAINER
- ALL DIMENSIONS, UNLESS OTHERWISE INDICATED, ARE TO FACE OF STUD, CONCRETE, OR MASONRY 8.0
- 9.0 SEE FORMS CF-1R & MF-1R SPECIFYING THE REQUIRED/MANDATORY ENERGY FEATURES FOR: WALL/CEILING INSULATION, WINDOW AREAS AND TYPES, HVAC SYSTEMS AND EFFICIENCY, DUCT INSULATION AND TESTING, LIGHTING TYPE AND SWITCHING, AND PIPE/HEATER INSULATION. PROVIDE COMPLETED FORM CF-6R UPON FINAL INSTALLATION OF ALL ENERGY SYSTEMS
- 10.0 PROJECTS WITH ZONING MODIFICATION APPROVALS, WITHIN 12" OF A SETBACK, OR WHERE CONDITIONS WARRANT, MAY REQUIRE A SURVEY TO VERIFY PROPOSED FOOTPRINT OF THE STRUCTURE PRIOR TO FOOTING INSPECTION. PROVIDE SURVEYOR VERIFICATION TO INSPECTOR IF REQUESTED BY BUILDING OFFICIAL
- 11.0 UNO, ALL REFERENCED STRUCTURAL HARDWARE TO BE FROM SIMPSON STRONG-TIE (ESR-2523)
- 12.0 AT THE TIME OF FINAL INSPECTION, AN OPERATION AND MAINTENANCE MANUAL, COMPACT DISC, OR WEB BASED REFERENCE SHALL BE PLACED IN THE BUILDING. THE MANUAL SHALL INCLUDE ALL OF THE ITEMS LISTED ON THE CALIFORNIA GREEN BUILDING STANDARDS CODE SECTION 4.410.1 [CGBSC 4.410]

BMP- STORMWATER BEST MANAGEMENT PRACTICES

- DETAILED INFORMATION RELATING TO THE BEST MANAGEMENT PRACTICES SPECIFIED BELOW AND ELSEWHERE WITHIN THIS 1.0 DOCUMENT CAN BE FOUND IN THE CALIFORNIA STORMWATER BMP HANDBOOK; AVAILABLE FOR DOWNLOAD AT WWW.CABMPHANDBOOKS.COM & HTTP://WWW.DOT.CA.GOV/HQ/CONSTRUCT/STORMWATER/MANUALS.HTM
- GENERAL CONTRACTORS/CONTRACTORS AS APPLICABLE ARE RESPONSIBLE FOR THE TRAINING OF PERSONNEL IN THE PROPER 2.0 DISPOSTION OF CONSTRUCTION WASTE & IMPLEMENTATION OF BMPS ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA 3.0
- SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM 4.0
- THE SITE BY THE FORCES OF WIND OR WATER. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO 5.0
- CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM. 6.0 EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS MUST BE
- MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS A SOLID WASTE. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT 7.0 CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIAL MAY NOT BE TRACED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE 8.0 ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS. ANY SLOPES WITH DISTURBED SOILS OR DEMANDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND 9.0
- WATER PRESERVE EXISTING VEGETATION AT AREAS ON THE SITE WHERE NO CONSTRUCTION ACTIVITY IS PLANNED OR WILL OCCUR AT A 10.0 LATER DATE
- 11.0 WATER USED DURING CONSTRUCTION ACTIVITIES IS TO BE USED IN A MANNER THAT AVOIDS CAUSING EROSION AND/OR THAT FRANSPORTS POLLUTANTS OFF SITE
- 12.0 DO NOT CLEAN, FUEL, OR MAINTAIN VEHICLES ON-SITE, EXCEPT IN DESIGNATED AREA WHERE WASH WATER IS CONTAINED & TREATED

SPECIAL INSPECTION AGENCIES

PACIFIC MATERIALS LABORATORIES 35 SOUTH LA PATERA LANE GOLETA, CALIFORNIA 93117 TEL: 805.964.6901 FAX: 805.964.6239

SI- SPECIAL INSPECTIONS & STRUCTURAL OBSERVATIONS

- 4.0
- 5.0
- WORK HAS BEEN COMPLETED
- 6.0 BOLT) OR DOWELS (13-S502 - CONC-DOWELS)
- 7.0 CALL 48 HOURS IN ADVANCE TO SCHEDULE INSPECTIONS

Guidelines, page 23-C. comparison. Is there a basement or c ENTER Proposed TOTAL ENTER Zone EN Is the height of existing or Are existing or propos The FAR Requ Does the height of exis Is the site in the site in the site in the site is the Does the project inclu grading outside the An FAR M MAX The 2109 s

* NOTE: Percentage total is rounded up. **NOTE: If your project is located on a site with multiple or overlay zones, please contact Planning Staff to confirm whether the FAR ons are "Required" or "Guideline"

ENTER Acreage to

1.0 ALL SPECIAL INSPECTIONS SHALL CONFORM TO CHAPTER 17 OF THE CALIFORNIA BUILDING CODE

2.0 CONTRACTOR TO OBTAIN APPROPRIATE SPECIAL INSPECTION/OBSERVATION REPORT DOCUMENTATION PRIOR TO **REQUESTING AN INSPECTION BY THE LOCAL BUILDING AUTHORITY**

WINDWARD TO OBSERVE REINFORCEMENT STEEL PRIOR TO CONCRETE PLACEMENT

WINDWARD TO OBSERVE FRAMING & SHEAR WALL NAILING AFTER PLUMBING. MECHANICAL & ELECTRICAL ROUGH-IN

EPOXY - UNO, PERIODIC INSPECTION REQUIRED FOR RETROFITTED ANCHOR BOLTS (16-S502 - CONC-EPOXY ANCHOR

F.A.R. Calculator

Instructions: Enter the information in the white boxes below. The spreadsheet will calculate the proposed FAR (floor area ratio) the 100% max FAR (per the Zoning Ordinance for "Required FAR"), and the 85% max FAR (per the Zoning Ordinance for "Required FAR"). Additionally it will determine whether a FAR Modification is required. "Guideline FAR" calculations are as outlined in the "Applicability" section of the Single Family Residence Design

The Net Lot Area does not include any Public Road Easements or Public Road Right-of-Way areas. The proposed TOTAL Net FAR Floor Area shall nclude the net floor area of all stories of all building, but may or may not include basement/cellar floor area. For further clarification on these definition please refer to SBMC §28.15.083 & 30.300. This form has not yet been updated for current Title 30 zone designations, see SBMC §30.05.010 for

ENTER Project Address:	36 La Flecha Lane Santa Barbara
cellar existing or proposed?	No
L Net <mark>FAR</mark> Floor Area (in sq. ft.):	2,109
ONLY from drop-down list:	E-2 or RS-10
ER Net Lot Area (in sq. ft.):	9,583
proposed buildings 17 feet or greater?	No
sed buildings two stories or greater?	No
iirements are:	GUIDELINE**
NTER Average Slope of Lot:	2.00%
sting or proposed buildings exceed 25 feet?	No
he Hillside Design District?	No
ude 500 or more cu. yds. of the main building footprint?	No
IOD is not required per SB	MC §28.15 or §30.20.030
FLOOR AREA RATIO (FAR):	0.220
Lot Size Range:	4,000 - 9,999 sq.ft.
FAR Calculation (in sq. ft.):	1,200 + (0.25 x lot size in sq.ft.)
100% MAX FAR:	0.375
100% MAX FAR (in sq. ft.):	3,596
85% of MAX FAR (in sq. ft.):	3,056
80% of MAX FAR (in sq. ft.):	2,877
quare foot proposed total	is 59% of the MAX FAR.*

Acreage Conversion Calculator					
Convert to square footage:	1.00				
Net Lot Area (in sq. ft.):	43560				

Revised March 21,2022

APPROVAL STAMPS

PROJECT DATA

SCOPE OF WORK -

REMODEL & ADDITION PROPOSED TO (E) SINGLE FAMILY RESIDENCE. REPLACEMENT OF WINDOWS & EXTERIOR DOORS. SMALL KITCHEN ADDITION PROPOSED WITHIN (E) RECESSED PORCH. KITCHEN TO BE REMODELED. PROPOSED RELOCATION OF FAMILY ROOM/GARAGE DEMISING WALL TO INCREASE DEPTH OF GARAGE TO 20 FT. REMODEL MASTER BATHROOM, REPLACE VANITY IN BATH #2. "AS-BUILT" SHADE TRELLIS @ REAR PATIO.

* REQUEST FOR A ZONING MODIFICATION TO GRANT RELIEF FROM THE FRONT YARD STANDARDS PER SBMC §30.250.060.F AND SBMC §30.20.030, TO ALLOW ENCROACHMENT OF (P) ADDITION INTO FRONT SETBACK, HAS BEEN SUBMITTED TO THE CITY OF SANTA BARBARA PLANNING AND DEVELOPMENT DEPARTMENT. THIS DISCRETIONARY APPLICATION IS UNDER REVIEW BY THE STAFF HEARING OFFICER (SHO).

ALL PUBLIC WORKS UNDER SEPARATE PERMIT

LOCATION: 36 LA FLECHA LANE

APN: 053-052-005

JURISDICTION: CITY OF SANTA BARBARA

LAND USE ZONE: RS-10 (SBMC Title 30) / USS (Upper State Street Overlay Zone)

LOT SIZE: 0.22 AC/ 9,583.2 SF

AVERAGE SLOPE OF PROPERTY: 2 %

OCCUPANCY CLASSIFICATION (E): R-3

OCCUPANCY CLASSIFICATION (P): R-3

CONSTRUCTION TYPE: V-B

SPRINKLERS: NO

STORIES: 1

HEIGHT: 13'-8"

HIGH FIRE HAZARD AREA: NO

FLOOD ZONE: NO

PROJ	ECT STATISTIC	S		
TYPE	STATUS	DESCRIPTION	BLD GROSS AREA	NET FLR AREA
GARA	GE	•	•	
	Existing	GARAGE	330.7	305.0
	New	GARAGE EXPANSION - FROM FAM RM	68.1	68.1
			398.8 ft ²	373.1 ft ²
REMO	DEL			
	New	REMODEL	403.7	403.7
			403.7 ft ²	403.7 ft ²
RESID	ENTIAL		·	
	Existing	RESIDENCE	2,508.2	2,042.9
	New	ADDITION	66.3	66.3
			2,574.5 ft ²	2,109.2 ft ²
			ulter	200.07

PROJECT TEAM

CLIENT: LAUREN HUDSPETH 36 LA FLECHA LANE SANTA BARBARA, CA 93105 EMAIL: LAURENHUDS@GMAIL.COM

DESIGN & ENGINEERING: WINDWARD DESIGN SERVICES, LLC 1825 STATE STREET, STE 102 SANTA BARBARA, CA 93101 TEL: 805.845.6601 EMAIL: INFO@WINDWARDENG.COM



WINDWARD

design services, ll

moving forward 1825 STATE STREET, STE 102 SANTA BARBARA, CA 93101 T: 805.845.6601 E: INFO@WINDWARDENG.COM

LA FLECHA LANE **REMODEL & ADDITION**

36 LA FLECHA LANE

SANTA BARBARA, CA 93105 PROJECT NO: 4545

CLIENT

36	LAUREN HUDSPETH 36 LA FLECHA LANE SANTA BARBARA, CA 93105					
G001	GENERAL					
G006	PHOTO SURVEY					
A001	RESIDENTIAL NOTES					
A101	SITE PLAN					
A102	DRIVEWAY PLAN DETAIL					
A103	DEMO PLAN					
A104	FLOOR PLAN					
A201	(E) ELEVATIONS					
A202	(P) ELEVATIONS					
A301	SECTIONS					
A501	ARCH DETAILS					
A601	SCHEDULES					

PUBLISHED: 5/19/22 4:11 PM

DATES 3/29/2022 INITIAL

SCALE AS NOTED

CREATED BY: WDS

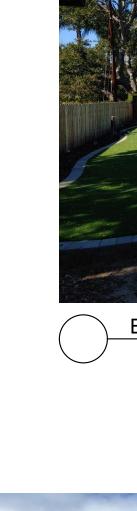
SHEET GENERAL





















FACING 36 LA FLECHA LANE



BACKYARD 36 LA FLECHA LANE (FROM BACK LEFT)



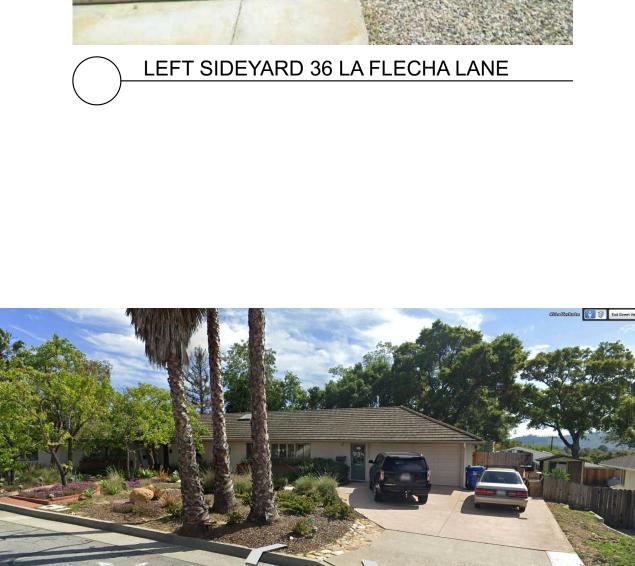
BACK OF 36 LA FLECHA LANE (LEFT)





27 LA FLECHA LANE





46 LA FLECHA LANE

LA FLECHA LANE







G006 PHOTO SURVEY A001 RESIDENTIAL NOTES A101 SITE PLAN A102 DRIVEWAY PLAN DETAIL A103 DEMO PLAN A104 FLOOR PLAN A201 (E) ELEVATIONS A202 (P) ELEVATIONS A301 SECTIONS A501 ARCH DETAILS A601 SCHEDULES PUBLISHED: 5/19/22 4:11 PM DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET PHOTO SURVEY

WIND

WARD

moving forward

design services, llo

1825 STATE STREET, STE 102 SANTA BARBARA,CA 93101 T: 805.845.6601 E: INFO@WINDWARDENG.COM

LA FLECHA LANE

REMODEL & ADDITION

36 LA FLECHA LANE SANTA BARBARA, CA 93105

CLIENT

LAUREN HUDSPETH 36 LA FLECHA LANE SANTA BARBARA, CA 93105

PROJECT NO: 4545

G001 GENERAL

C- (CONSTRUCTION NOTES	E- [ELECTRIC
C1 C1.1 C1.2 C1.3	GENERAL THESE NOTES CONVEY MINIMUM CONSTRUCTION REQUIREMENTS AND ARE TO BE USED WHERE THE APPLICABLE CONDITIONS OCCUR. MORE STRINGENT REQUIREMENTS STIPULATED ELSEWHERE WITHIN THESE DOCUMENTS OR WITHIN RELEVANT MANUFACTURER'S INSTALLATION INSTRUCTIONS WILL SUPERSEDE. UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS. ADDRESSES SHALL BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS NUMBERS SHALL BE 4 INCHES IN HEIGHT, 1/2" MINIMUM STROKE WIDTH AND OF CONTRASTING COLOR TO THEIR BACKGROUND. WHERE ADDRESS CANNOT	E1 E1.1 E1.2	GENERAL THESE NOTES CC REQUIREMENTS S UNLESS OTHERW MANUFACTURER'
C2 C2.1	BE 4 INCHES IN HEIGHT, 172" MINIMUM STROKE WIDTH AND OF CONTRASTING COLOR TO THEIR BACKGROUND. WHERE ADDRESS CANNOT BE VIEWED FROM PUBLIC WAY, A MONUMENT OR POLE SHALL BE USED. CRAWL SPACE CLEARANCE MAINTAIN MINIMUM CLEARANCE OF 18" BETWEEN WOOD JOISTS AND GRADE WITH 12" MINIMUM CLEARANCE FOR GIRDERS, OR USE PRESSURE TREATED LUMBER.	E2 E2.1 E2.2 E2.3 E2.4 E2.5	OVERCURRENT P OVERCURRENT D OVERCURRENT D OVERCURRENT D OVER CURRENT I BRANCH CIRCUIT
C3 C3.1 C3.2	CRAWL SPACE ACCESS ACCESS TO BE MINIMUM 24" WIDE BY 18" HIGH. OPENING SHALL BE CLEAR OF PIPES AND OBSTRUCTIONS.	E2.5A	BRANCH CIRCUIT LIBRARIES, DENS CIRCUIT INTERRU WHERE BRANCH- EITHER A LISTED
C3.3 C4 C4.1	ACCESS OPENINGS SHALL BE EFFECTIVELY SCREENED OR COVERED. CRAWL SPACE VENTILATION UNDER-FLOOR VENTILATION TO BE VENTILATED BY AN APPROVED MECHANICAL MEANS OR BY OPENINGS INTO THE UNDER-FLOOR AREA WALLS. OPENINGS SHALL HAVE A NET AREA OF NOT LESS THAN 1 SF FOR EACH 150 SF OF UNDER-FLOOR AREA. AT LEAST 1 OPENING SHALL BE LOCATED WITHIN 3 FT OF EACH CORNER AND SHALL PROVIDE FOR CROSS VENTILATION IN ALL CRAWLSPACE AREAS. THE REQUIRED AREA OF SUCH OPENINGS SHALL BE APPROXIMATELY EQUALLY DISTRIBUTED ALONG THE LENGTH OF AT LEAST TWO OPPOSITE SIDES	E2.6 E2.7 E2.8	THE FIRST RECEP ALL PANEL CIRCU PROVIDE MULTI V UNO PER ELECTR WIDTH T DEPTH T DEPTH T DEPTH T
C4.2 C4.3	IF A CLASS I VAPOR BARRIER IS INSTALLED OVER THE SOIL, THE REQUIRED VENTILATION AREA CAN BE REDUCED TO 1 SF FOR EACH 1,500 SF OF UNDER-FLOOR AREA OPENINGS SHALL BE COVERED WITH CORROSION-RESISTANT WIRE MESH WITH MESH OPENINGS OF ½ INCH IN DIMENSION. IN HIGH FIRE HAZARD ZONES OPENINGS TO HAVE A MINIMUM SIZE OF 1/16" AND MAXIMUM SIZE NOT TO EXCEED 1/8".	E3 E3.1	KITCHEN MIN. (2), 20A, SMA AREAS
C5 C5.1	ATTIC ACCESS AN ATTIC ACCESS OPENING SHALL BE PROVIDED TO ATTICS OF BUILDINGS WITH COMBUSTIBLE CEILING OR ROOF CONSTRUCTION. EXCEPTION: ATTICS WITH A MAXIMUM VERTICAL HEIGHT OF LESS THAN 30"	E3.2 E3.3 E3.4	REFRIGERATOR M NO POINT ALONG SINKS, RANGE TO GELPROTECTION
C5.2 C5.3	AT IIC ACCESS AN ATTIC ACCESS OPENING SHALL BE PROVIDED TO ATTICS OF BUILDINGS WITH COMBUSTIBLE CEILING OR ROOF CONSTRUCTION. EXCEPTION: ATTICS WITH A MAXIMUM VERTICAL HEIGHT OF LESS THAN 30". ATTICS THAT INCLUDE MECHANICAL EQUIPMENT SHALL HAVE APPROPRIATELY SIZED ACCESS OPENINGS TO ALLOW REMOVAL OF EQUIPMENT FOR SERVICING OR REPLACEMENT, BUT SHALL NOT BE LESS THAN 22" X 30". OPENING SHALL BE LOCATED IN A CORRIDOR, HALLWAY OR OTHER READILY ACCESSIBLE LOCATION. 30" MINIMUM UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE SHALL BE PROVIDED AT OR ABOVE THE ACCESS OPENING. PROVIDE WEATHER-STRIPPING AT ACCESS PANEL TO PREVENT BACK DRAFT.	E3.4 E3.5 E3.6 E3.7	ISLAND & PENINS MEANS TO INSTA ALL LUMINAIRES
C5.4 C6 C6.1	ROOF VENTILATION	E3.7 E3.8	DO NOT SCALE A MANUFACTURER SITE AT THE TIME BATHROOMS
C6.2 C6.3	NOTE - USE OF ICYNENE INSULATION AT RAFTER BAYS NEGATES NEED FOR VENTILATION STIPULATED BELOW ENCLOSED RAFTER SPACES THAT ARE CREATED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF RAFTERS SHALL BE INDIVIDUALLY VENTED THE NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED UNITESS IN DESIGNATED HIGH FIRE AREA VENTING SHALL BE ACCOMPLISHED BY MEANS OF FAVE VENTS AND A DIDGE VENT	E4 E4.1 E4.2	MIN. 20Å BRÄNCH ADDITIONAL EQU AT LEAST ONE GI
C6.4 C6.5 C7 C7.1	UNLESS IN DESIGNATED HIGH FIRE AREA, VENTING SHALL BE ACCOMPLISHED BY MEANS OF EAVE VENTS AND A RIDGE VENT A MINIMUM OF 1" OF AIR SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING SAFETY GLAZING REQUIREMENTS	E4.3 E4.4 E4.5	ALL LIGHTING TO BATHROOM TO C XN110 (OR EQUIV UNO PER PLAN, F BE CONTROLLED
C7.2 C7.3	GLAZING IN SLIDING AND SWINGING DOORS (EXCEPTION: WARDROBE DOORS). GLAZING IN STORM DOORS. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS. GLAZING IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS	E4.6	AT LEAST ONE LU ALL LUMINARIES FROM MOTION DE
C7.4	THAN 60 INCHES ABOVE A STANDING SURFACE AND DRAIN INLET. GLAZING IN FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24- INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.	E4.7 E5 E5.1	FIXTURES IN BAT
C7.5	LESS THAN 60 INCHES ABOVE THE WALKING SURFACE. WHERE GLAZING WITH PANES LARGER THAN 9 SF, A BOTTOM EDGE WITHIN 18" OF THE FLOOR, A TOP EDGE MORE THAN 36" ABOVE THE FLOOR, & A WALKING SURFACE WITHIN 36" HORIZONTALLY OF GLAZING. DOORS & WINDOWS	E5.2 E5.3	ALL LIGHTING TO ACTIVITY FROM M RECEPTACLES
C8.1 C8.2 C8.3	UNLESS NOTED OTHERWISE, AS MUCH AS IS PRACTICABLE, TOPS OF WINDOWS ARE TO FLUSH WITH TOPS OF NEARBY DOORS. PROVIDE 3/8" MINIMUM CLEARANCE BETWEEN BOTTOM OF INTERIOR DOORS AND FINISH FLOOR HEIGHTS TO ALLOW FOR AIR CIRCULATION RELATED TO FAU AND VENTILATION FAN(S). EGRESS WINDOWS REQUIRED AT ALL BEDROOMS. MIN NET OPENING TO BE 5.7 SF W/MIN HT OF 24", MIN WIDTH OF 20", AND SILL HT NO	E6 E6.1 E6.2	HALLWAYS AT LEAST ONE OU AT LEAST ONE LIC
C8.4	MORE THAN 44" ABOVE FLOOR. EXCEPTION: MIN GRADE-FLOOR NET OPENING TO BE 5.0 SF. A FLOOR OR LANDING, BEING AT THE SAME ELEVATION. IS REQUIRED AT EACH SIDE OF A DOOR. EXCEPTION: WITH DOORS SERVING AN INDIVIDUAL DWELLING UNIT. A LANDING AT AN EXTERIOR DOOR MAY BE UP TO 7.75" LOWER THAN TOP OF THRESHOLD PROVIDED THE DOOR DOES NOT SWING OVER THE LANDING. LANDINGS TO BE ≥ 44" IN THE DIRECTION OF TRAVEL AND ≥ THE WIDTH OF THE DOOR OR	E7 E7.1 E8	STAIRWAYS At least one lig Attached gara
C8.5 C8.6	STAIRWAY SERVED; WHICHEVER IS GREATER. EXCEPTION: LANDINGS SERVIING INDIVIDUAL RESIDENCE MUST BE ≥ 36" IN THE DIRECTION OF TRAVEL. A THRESHOLD SHALL BE NO HIGHER THAN 0.5". THRESHOLDS EXCEEDING 0.25" SHALL BE BEVELED WITH A SLOPE NOT TO EXCEED 50% DOORS SERVING INDIVIDUAL DWELLING UNITS OR A PRIVATE GARAGE MAY OPEN AT AN INTERIOR FLIGHT OF STAIRS, PROVIDED THE	E8 E8.1 E8.2 E8.3	AT LEAST ONE GF ALL LIGHTING TO ACTIVITY FROM M SEE "FIRE SEPAR
C8.7 C8.8	DOOR DOES NOT SWING OVER THE STAIRS. ELEVATIONS IN FLOOR LEVEL DUE TO FINISH MATERIALS SHALL NOT EXCEED 0.5". CHANGES IN LEVEL GREATER THAN 0.5" SHALL BE RAMPED UNO, DOOR HANDLES TO BE LEVER TYPE, CURVED, & RETURN TO WITHING 0.5" OF THE DOOR. 'R' & 'M' OCCUPANCIES WITH UP TO 10	E8.4 E9 E9.1	EXTERIOR LIGHT UTILITY ROOMS ALL LIGHTING TO
C8.10 C8.11 C8.12	OCCUPANTS ARE EXEMPT UNO IN ENERGY DEPORT OF ON DUANS (N) EENESTRATION TO HAVE MAY U EACTOR OF 0.20 % MAY SHOC OF 0.22	E10 E10.1	FROM MOTION DE FIRE SEPARATIO 24" MIN. SPACING
C8.12 C8.13 C8.14	PROVIDE SOLDERED DOOR PAN AT EXTERIOR DOORS NATURAL LIGHT - GLAZING AREAS IN A HABITABLE ROOM SHALL HAVE AN AGGREGATE AREA >= TO 8% OF THE FLOOR AREA. NATURAL VENTILATION - OPENABLE AREAS OF DOORS AND WINDOWS TO THE OUTDOORS OF HABITABLE ROOMS SHALL HAVE AN AGGREGATE AREA >= 4% OF THE FLOOR AREA WINDOWS, GLAZED DOORS & GLAZED OPENINGS WITHIN DOORS SUBJECT TO WILDFIRE CODE REQUIREMENTS SHALL BE DUAL GLAZED WITH A MINIMUM OF ONE TEMPERED PANE, OR BE GLASS BLOCK UNITS, OR BE 20	E10.1 E11 E11.1	100 SF OF WALL A SMOKE/CO DETEC
C8.15	MINUTE FIRE-RATED WHEN TESTED IN ACCORDANCE WITH NFPA 257 OR BE TESTED TO MEET SFM STANDARD 12- 7A-2 EXTERIOR DOORS SUBJECT TO WILDEIRE CODE REQUIREMENTS SHALL OBSERVE ONE OF THE FOLLOWING: EXTERIOR FINISH OR	E11.2	(S), TOP OF STAIF WITH BATTERY B/ CARBON MONOXI WIRED TOGETHEI
C 0	CLADDING SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE OR IGNITION RESISTANT MATERIAL, SHALL BE CONSTRUCTED OF SOLID- CORE WOOD, MIN 1-3/8" THICK WITH RAISED PANELS MIN 1-1/4" THICK, EXCEPT FOR THE PERIMETER OF THE RAISED PANEL THAT MAY TAPER TO TONGUE NOT LESS THAN 3/*" THICK, OR SHALL HAVE A 20-MIN RATING AS TEST PER NFPA 252	E11.3 E11.4	OKAY TO USE BA SIMILAR ACCESSI INTERCONNECTIO
C9 C9.1 C9.2	ATTACHED GARAGE ONE OR TWO FAMILY RESIDENCE - NOT LESS THAN 1/2" GYPSUM AT GARAGE SIDE REQUIRED BETWEEN ATTACHED GARAGE AND HABITABLE LIVING SPACE. WALL MUST EXTEND UP TO UNDERSIDE OF ROOF SHEATHING. ONE OR TWO FAMILY RESIDENCE GARAGE CELLING WITH HABITABLE SPACE ABOVE - (2) LAYERS OF 1/2" TYPE 'X' ON CELLING IF TJI CELLING ONE OR TWO FAMILY RESIDENCE GARAGE CELLING WITH HABITABLE SPACE ABOVE - (2) LAYERS OF 1/2" TYPE 'X' ON CELLING IF TJI CELLING ONE OR TWO FAMILY RESIDENCE GARAGE CELLING WITH HABITABLE SPACE ABOVE - (2) LAYERS OF 1/2" TYPE 'X' ON CELLING IF TJI CELLING	E12 E12.1	LIGHTING ALL LIGHTING TO CERTIFIED AS ME
C9.3	JOISTS. 1 LAYER OF 5/8" TYPE X" GYPSUM ON CEILING IF FIR CEILING JOISTS. 2-HR SEPARATION REQUIRED FOR MULTI-FAMILY RESIDENCE IF NON-SPRINKLERED TIGHT FITTING, SELF-CLOSING, SOLID-WOOD DOOR WITH MINIMUM THICKNESS OF 1-3/8" REQUIRED AT DOOR OPENINGS BETWEEN ATTACHED GARAGE AND HABITABLE SPACE. 20-MINUTE RATED DOOR OKAY	E12.2 E12.3 E12.4	THAT MEETS JA8 SWITCHED LIGHT EXCEPT AS NOTE AT LEAST ONE LU
C9.4	EXTERIOR GARAGE DOORS IN WILDFIRE EXPOSURE AREAS - PERIMETER GAP BETWEEN DOOR AND OPENING <= 1/8". PROVIDE WEATHER STRIPPING MEETING ASTM D637 AFTER EXPOSURE PER ASTM G155, AND EXHIBITING V-2 OR BETTER FAMMABILITY RATING WHEN TESTED TO UL 94	E12.5 E12.6	SENSOR ALL RECESSED LI ZERO CLEARANC LIGHTING FIXTUR
C10 C10.1 C10.2	FIREPLACES FOR PRE-MANUFACTURED FIREPLACE UNIT, REFER TO INSTALLATION INSTRUCTIONS FOR SPECIFIC CLEARANCE, COMBUSTION AIR, & INSTALLATION REQUIREMENTS. METAL OR CLASS DOORS, COVERING ENTIRE FIREBOX OPENING, THAT CAN CLOSE WHILE FIRE IS BURNING REQUIRED.	E12.8 E12.9	SUCH USE RECESSED DOWN LIGHT SOURCES THE NUMBER OF
C10.3 C10.4 C10.5	2" MIN. CLR. BETWEEN COMBUSTIBLE MATERIALS & FIREPLACE, SMOKE CHAMBER, OR CHIMNEY WALLS. 6" MIN. CLR. BETWEEN FIREPLACE OPENING & COMBUSTIBLE MATERIALS. COMBUSTIBLE MATERIALS WITHIN 12" OF OPENING SHALL PROJECT NO MORE THAN 1/8" FOR EACH 1" CLR. FROM OPENING. HEARTHS SHALL EXTEND AT LEAST 16" FROM THE FRONT OF FIREPLACE AND 8" BEYOND EACH SIDE OF FIREPLACE OPENING, OR 20" & 12"	E12.10	BE NO GREATER
C10.6	HEARTH'S SHALL EXTEND AT LEAST 16" FROM THE FRONT OF FIREPLACE AND 8" BEYOND EACH SIDE OF FIREPLACE OPENING, OR 20" & 12" RESPECTIVELY. IF OPENING IS >= 6 SF. HEARTH'S TO BE BRICK, STONE, CONCRETE OR OTHER APPROVED NONCOMBUSTIBLE MATERIAL, SHALL BE AT LEAST 4" THICK, AND SUPPORTED BY NONCOMBUSTIBLE MATERIALS OR SELF-SUPPORTING. INTERIOR HEARTH'S SHALL BE READILY DISTINGUISHABLE FROM THE SURROUNDING FLOOR. SITE-BUILT MASONRY FIREPLACES TO BE FABRICATED BY LICENSED PROFESSIONALS FAMILIAR WITH THE APPROPRIATE CODE, ENERGY,	E12.11 E13	CONTROL. SCREW BASED SC
C10.7 C10.8	AND SAFETY REQS. CHIMNEYS TO EXTEND AT LEAST 2' ABOVE ANY PORTION OF THE STRUCTURE WITHIN 10' HORIZONTALLY. WHERE A MASONRY OR METAL RAIN CAP IS INSTALLED ON A MASONRY CHIMNEY, THE NET FREE AREA UNDER THE CAP SHALL NOT BE LESS THAN FOUR TIMES THE NET FREE AREA OF THE OUTLET OF THE CHIMNEY FLUE IT SERVES.	E13.1 E13.2 E14	MIN. 12" CLEARAN MIN. 6" CLEARAN INTERIOR RECEP
C11 C11.1	WEATHER-RESISTIVE BARRIERS EXTERIOR WALLS TO BE COVERED WITH TYVEK HOMEWRAP (ICC ER-4000) - OR EQUAL & INSTALLED PER MFG INSTALLATION INSTRUCTIONS.	E14.1 E14.2 E14.3	NO POINT ALONG SPACE LESS THA UNLESS NOTED C DWELLING UNIT E
C11.2 C11.3 C12	INSTRUCTIONS. DUPONT FLASHING TAPE (OR EQUAL) TO BE INSTALLED PER INSTALLATION INSTRUCTIONS AT WINDOWS AND DOORS PROVIDE SOLDERED DOOR PAN AT EXTERIOR DOORS ROOFING	E14.4	RECREATION ROO CIRCUIT INTERRL DWELLING UNIT F LIBRARIES OR SIM
C12 C12.1 C12.2 C12.3	ROOF COVERING TO HAVE, MINIMUM CLASS A RATING ROOF ASSEMBLY SHALL BE LISTED BY AN APPROVED TESTING AGENCY AND INSTALLED PER MFG INSTRUCTIONS CLAY ROOF TILES TO BE INSTALLED PER TILE ROOFING INSTITUTE (WWW.TILEROOFING.ORG) INSTALLATION INSTRUCTIONS (ICC-ES ESR- 2015P)	E14.5	ALL NON-LOCKING (1) RECEPTACLES RECEPTACLE FOI NON-GROUNDING
C12.4 C12.5	ASPHALT SHINGLES NOT ALLOWED ON ROOF PTICHES <2:12 UNO. INSTALL CERTAINTEED SHINGLES ICC-SE ESR-353/ FOR ROOF PTICHES ≥2:12 AND <4:12, ASPHALT STRIP SHINGLES MAY BE INSTALLED, PROVIDED THE SHINGLES ARE APPROVED SELF- SEALING OR ARE HAND SEALED AND ARE INSTALLED WITH AN UNDERLAYMENT CONSISTING OF TWO LAYERS OF NON-PERFORATED TYPE 15 FELT APPLIED SHINGLE FASHION, STARTING WITH AN 18-INCH-WIDE (457 MM) SHEET AND A 36-INCH-WIDE (914 MM) SHEET OVER IT AT	E14.6 E15 E15.1	AFCI & GFCI PF
C12.6 C12.7 C12.8	THE EAVES, EACH SUBSEQUENT SHEET SHALL BE LAPPED 19 INCHES (483 MM) HORIZONTALLY UNO PER PLAN, MINERAL-SURFACED ROLL ROOFING TO BE USED AT SLOPES ≥ 8% AND < 17% (2:12) UNO PER PLAN, BUILT-UP ROOFING TO BE USED AT SLOPES ≥ 2% AND < 8% (1:12) UNO PER PLAN, COAL-TAR BUILT-UP ROOFING TO BE USED AT SLOPES ≥ 1% AND < 2% (1/4:12)	E15.2 E15.3 F15.4	SWITCHED LIGHT EXTERIOR LIGHT EXTERIOR LIGHT FIXTURES TO BE
C12.9 C12.10	GALVANIZED SHEET GAUGE CORROSION RESISTANT METAL INSTALLED OVER A MIN 36" WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF MIN 72 POUND MINERAL SURFACED NON-PERFORATED CAP SHEET COMPLYING WITH ASTM D3909 INSTALLED OVER THE	E15.5 E15.5A E15.5B	MOTION SENSOR
C13 C13.1	ENERGY REQUIREMENTS SEE CF-1R & MF-1R FORMS SPECIFYING THE REQUIRED/MANDATORY RESIDENTIAL ENERGY FEATURES FOR: WALL/CEILING INSULATION,	E16 E16.1 E16.2	EXTERIOR RECEPTION OF GREEN AND AND AND AND AND AND AND AND AND AN
	WINDOW AREAS AND TYPES, HVAC SYSTEMS AND EFFICIENCY, DUCT INSULATION AND TESTING, LIGHTING TYPE AND SWITCHING, AND PIPE/HEATER INSULATION. CONTRACTOR TO PROVIDE COMPLETED CF-2R INSTALLATION FORMS UPON FINAL INSTALLATION OF ALL ENERGY SYSTEMS. HERS RATER TO PROVIDE CF-3R HERS VERIFICATION FORMS ONCE INSTALLATION OF ALL THE ASSOCIATED BUILDING	E17 E17.1	FAU ATTIC REQUI
C14	ASSEMBLY OR ENERGY SYSTEMS HAVE BEEN INSTALLED.	E17.2 E17.3 E17.4	A 120-VOLT SERV PERMANENT SWI APPROACH THE E ENTRANCE
C14.1 C15	UNO, MINIMUM INSULATION REQUIREMENTS TO BE: WALLS - R19, RAISED FLOORS - R-19, CEILINGS - R-30. INSTALL R-19 INSULATION IN GARAGE CEILING BENEATH HABITABLE SPACE. MORE STRINGENT REQUIREMENTS STIPULATED ELSEWHERE WITHIN THESE DOCUMENTS WILL SUPERSCEDE. FAU ATTIC CONSTRUCTION REQUIREMENTS	E17.5 E17.6 E17.7	AN UNOBSTRUCT SERVICE SPACE / CHECK INSTALLA MAINTAIN MINIMU THERMOSTAT TO
C15.1 C15.2	ATTIC ACCESS TO BE A MINIMUM OF 30"X22" OR SIZE NECESSARY TO FACILITATE INSTALLATION OR SUBSEQUENT REPLACEMENT OF THE EQUIPMENT; WHICHEVER IS GREATER. AN UNOBSTRUCTED PASSAGEWAY WHICH IS NO MORE THAN 20 FT IN LENGTH, HAS CONTINUOUS SOLID FLOORIN NOT LESS THAN 24"	E18 E18.1 E18.2	AC CONDENSING UNLESS NOTED C PROVIDE MIN 4" C REFER TO MFG IN
C15.3	WIDE, AND INCLUDES A SERVICE SPACE AT LEAST 30"X30" AT THE FRONT OR SERVICE SIDE OF THE EQUIPMENT. CHECK INSTALLATION INSTRUCTIONS FOR MINIMUM COMBUSTIBLE AIR REQUIREMENTS. ADDITIONAL ATTIC VENTILATION MAY BE NECESSARY.	E18.3 E18.4 E18.5	IF INSTALLED IN A SOUND POWER L PROVIDE WEATH
C15.4	UNLESS OTHERWISE NOTED IN INSTALLATION INSTRUCTIONS, MAINTAIN MINIMUM 3" CLEARANCE FROM TOP, BACK & SIDES (TOTAL OF BOTH SIDES SHALL BE AT LEAST 12").	E19 E19.1 E19.2	GROUNDING UFER AT SERVICE OF #4 CU CONDU BOND ALL METAL
C16 C16.1 C16.2	GYPSUM INSTALL GYPSUM PER GYPSUM ASSOCIATION INSTALLATION INSTRUCTIONS GA-216-07, AT WWW.GYPSUM.ORG\ UNO ALL GYPSUM TO BE 5/8" THICK.	E20 E20.1 E20.3 E20.4	CONDUCTORS ALL CONDUCTOR PROVIDE CODE-S
C16.2 C17 C17.1	STAIRS WIDTH - MIN 36" STAIR FOR OCCUPANT LOADS < 50. MIN 44" FOR HIGHER OCCUPANCY LOADS, UNO PER FLOOR OR EGRESS PLAN. MIN 48" IF	E20.4 E21 E21.1 E21.2	UNO PER PLAN, M EQUIPMENT & FIX ALL ELECTRICAL DO NOT SCALE AN
C17.2 C17.3	STAIR UNIT IS PART OF AN ACCESSIBLE MEANS OF EGRESS HEADROOM - MIN 80" CLEARANCE AT NOSING RISER - 4" TO 7" RISER HEIGHT WITH MAX VARIANCE IN HEIGHT OF 3/8". RISER TO BE VERTICAL & SOLID	E21.2 E21.3	FOR EACH NEW D
C17.4 C17.5	TREAD - 11" MIN DEPTH WITH MAX VARIANCE OF 3/8". RADIUS AT LEADING EDGE OF TREAD \leq 9/16" NOSING PROJECTION OVER TREAD BELOW \leq 1-1/4"	E21.4	BE POSTED IN A C EV SPACES WITH SPACE AND AT A SIMULTANEOUSL
C18 C18.1 C18.2	EXTERIOR STUCCO OR PLASTER CEMENT WATER-RESISTIVE BARRIER - PROVIDE MIN 2 LAYERS OF GRADE D PAPER OR EQUIVALENT METAL LATH & LATH ATTACHMENTS TO BE OF CORROSION-RESISTANT MATERIAL	E22 E22.1	[4.106.4.2 CGBSC] MOTORS PROVIDE DISCON
C18.3	PROVIDE MIN 3 COATS, @ A MIN THICKNESS OF 7/8" (TEXTURE EXCLUDED) IF OVER METAL LATH OR WIRE FABRIC. 2 COATS ALLOWED IF OVER CONCRETE OR MASONRY	E23 E23.1 E23.2	SWITCHES UNLESS OTHERW DOOR BELL SWIT
C19 C19.1	GREEN BUILDING STANDARDS 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,	E23.2 E23.3 E23.4	VENT FANS MUST AT LEAST ONE WA KITCHENS, ALL HA
C19.2	CONCRETE MASONRY OR A SIMILAR METHOD ACCEPTABLE TO THE ENFORCING AGENCY. (SECTION 4.406.1) A MINIMUM OF 65 PERCENT OF THE CONSTRUCTION WASTE GENERATED AT THE SITE SHALL BE DIVERTED TO RECYCLE OR SALVAGE. (SECTION 4.408.1.)	E24	UNDERGROUN LOCATION
C19.3 C19.4	BEFORE FINAL INSPECTION, A COMPLETE OPERATION AMD MAINTENANCE MANUAL SHALL BE PROVIDED TO THE BUILDING OCCUPANT OR OWNER. CONTRACTOR OR OWNER SHALL SUBMIT A SIGNED AFFIDAVIT THAT CONFIRMS THE DELIVERY OF SUCH. (SECTION 4.410.1) A CERTIFICATE SHALL BE COMPLETED AND SIGNED BY THE GENERAL CONTRACTOR, SUBCONTRACTOR, OR BUILDING OWNER		IN SOIL WITH IN TRENCH E UNDER BUIL UNDER MIN
C19.4 C19.5	CERTIFICATE SHALL BE COMPLETED AND SIGNED BY THE GENERAL CONTRACTOR, SUBCONTRACTOR, OR BUILDING OWNER CERTIFYING THAT THE PAINTS, STAINS, AND ADHESIVES COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA GREEN CODE. A CERTIFICATE SHALL BE COMPLETED AND SIGNED BY THE GENERAL CONTRACTOR, SUBCONTRACTOR, OR BUILDING OWNER CERTIFYING THAT THE RESILIENT FLOORING, COMPOSITE WOOD PRODUCTS, PLYWOOD, AND/OR PARTICLE BOARD COMPLY WITH THE VOC LIMITS AND FORMALDEHYDE LIMITS SPECIFIED IN THE NOTES ABOVE AND THE CALIFORNIA GREEN CODE.		UNDER MIN UNDER STRE UNDER RESI
C20 C20.1 C20.2	GUTTER & DOWNSPOUT GUTTERS, WHEN SPECIFIED, TO BE SLOPED @ 1/4" PER 10' AS MUCH AS PRACTICABLE, DOWNSPOUTS TO BE PROVIDED FOR EVERY 20' OF GUTTER. NOTE, WITH DOWNSPOUTS AT 40' OC, & THE "HIGH" POINT CENTERED BETWEEN THE DOWNSPOUTS, THERE WILL BE 1/2" OF FALL FROM HIGH POINT TO NEAREST DOWNSPOUT PROVIDE CULTERED PERPIRE CHARDE SO THAT DEPRISE CAN"T COLLECT IN CULTERS.		
C20.3	PROVIDE GUTTER DEBRIS GUARDS SO THAT DEBRIS CAN"T COLLECT IN GUTTERS		

M-MECHANICAL NOTES

CAL NOTES ONVEY MINIMUM CONSTRUCTION REQUIREMENTS AND ARE TO BE USED WHERE THE APPLICABLE CONDITIONS OCCUR. MORE STRINGENT STIPULATED ELSEWHERE WITHIN THESE DOCUMENTS OR WITHIN RELEVANT MANUFACTURER'S INSTALLATION INSTRUCTIONS WILL SUPERSEDE VISE NOTED, ALL MATERIALS AND EQUIPMENT TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE DOCUMENTS AND THE I'S INSTALLATION INSTRUCTIONS CES SHALL BE READILY ACCESSIBLE CES SHALL NOT BE LOCATED WHERE THEY WILL BE EXPOSED TO PHYSICAL DAMAGE ICES SHALL NOT BE LOCATED WHERE THEY WILL BE EXPOSED TO PHYSICAL DAMAGE ICES SHALL NOT BE IN THE VICINITY OF EASILY IGNITABLE MATERIALS, SUCH AS IN A CLOTHES CLOSET //CES IN DWELLING UNITS SHALL NOT BE LOCATED IN BATHROOM IHAT SUPPLY DWELLING UNIT RECEPTACLES IN FAMILY ROOMS, KITCHENS, LAUNDRY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, JEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY AN ARC-FAULT TEP ER CUIT WIRING IS MODIFIED, REPLACED, OR EXTENDED IN AREAS SPECIFIED IN CEC 210.12(A), THE BRANCH CIRCUIT SHALL BE PROTECTED BY MBINATION-TYPE AFCI LOCATED AT THE ORIGIN OF THE BRANCH CIRCUIT OR A LISTED OUTLET BRANCH-CIRCUIT TYPE AFCI LOCATED AT CLE OF THE EXISTING BRANCH CIRCUIT PTACLE OF THE EXISTING BRANCH CIRCUIT UITS TO BE LABELED WIRE CIRCUIT BREAKERS @ ANY MULTI WIRE BRANCH CIRCUITS RICAL PLAN, PROVIDE WORKING SPACE AT FRONT OF ELECTRICAL EQUIPMENT PER THE FOLLOWING: TO BE ≥ THE GREATER OF 30" & THE EQUIPMENT WIDTH TO BE ≥ 36" WHERE THERE ARE NO GROUNDED SURFACES @ THE 'BACK SIDE' OF THE SPACE TO BE ≥ 42" WHERE THERE ARE GROUNDED SURFACES TO BE ≥ 48" WHERE THERE ARE EXPOSED LIVE PARTS LL APPLIANCE BRANCH CIRCUITS REQ. FOR DWELLINGS. MAY INCLUDE APPLIANCE OUTLETS IN PANTRY, DINING ROOM, & OTHER SIMILAR MAY BE ON ITS OWN 15A OR GREATER CIRCUIT G COUNTERTOP SHALL BE MORE THAN 24" FROM OUTLET. OUTLETS MUST BE NO MORE THAN 18" ABOVE COUNTERTOP. SPACES SEPARATED BY DPS, OR REFRIGERATORS SHALL BE CONSIDERED SEPARATE SPACE. OUTLETS NOT REQ. IN WALL SPACES LESS THAN 12" V REQUIRED FOR COUNTERTOP OUTLETS SULAR ISLAND REQ. AT LEAST ONE OUTLET IF AT LEAST 12"X24". OUTLET MAY BE INSTALLED NO MORE THAN 12" BELOW COUNTERTOP IF NO ALL OUTLET ABOVE WITHIN 18" INSTALLED MUST QUALIFY AS HIGH EFFICACY PPLIANCE LOCATIONS FROM DRAWING. CONFIRM ALL LOCATIONS WITH CLIENT AT TIME OF ROUGH-IN 'S LITERATURE SHOWING PROPOSED LED AND/OR LOW VOLTAGE LIGHT FIXTURES ARE HIGH EFFICACY AND CALIFORNIA CERTIFIED IS TO BE ON E OF FIELD INSPECTION CIRCUIT TO RECEPTACLES WITH NO OTHER OUTLETS. IF 20A BRANCH SUPPLIES SINGLE BATHROOM, LIGHTING IN SAME BATHROOM ALLOWED. PMENT ALLOWED UNDER SPECIAL CIRCUMSTANCES 1 OUTLET WITHIN 36" OF OUTSIDE EDGE OF SINK BE HIGH EFEICACY H OUTLET WITHIN 36" OF OUTSIDE EDGE OF SINK D BE HIGH EFFICACY CONTAIN VENTILATION FAN CAPABLE OF THE GREATER OF 5 ROOM AIR CHANGES PER HOUR OR 50 CFM. UNO PER PLAN, USE NUTONE XN80 OR (ALENT) AS DRIVEN BY CFM REQUIREMENTS FAN TO BE CONTROLLED BY LEVITON IPHS5 (HUMIDITY SENSOR AND FAN CONTROL), INCLUDE INTEGRAL SENSOR, OR EQUIVALENT AND MUST) INDEPENDENTLY OF LIGHT FIXTURES JMINAIRE TO BE CONTROLLED BY TITLE 24 APPROVED VACANY SENSOR WITH MANUAL OFF. DIMMERS OR VACANCY CONTROLS MUST CONTROL USING JA8-CERTIFID LIGHT SOURCES. VACANY SENSOR MUST TURN LUMINAIRES OFF AUTOMATICALLY WITHIN 20 MINUTES, IF NO ACTIVITY FFECTOR TUBS OR SHOWER ENCLOSURES SHALL BE MARKED "SUITABLE FOR DAMP LOCATIONS" 1 CIRCUIT TO RECEPTACLES WITH NO OTHER OUTLETS BE HIGH EFFICACY LED AND ACTIVATED BY TITLE 24 APPROVED SWITCH. IE WILL AUTOMATICALLY TURN OFF WITHIN 30 MINUTES IF NO 10TION DETECTOR TO BE GFCI PROTECTED UTLET IF HALLWAY 10' OR LONGER GHT WITH WALL SWITCH GHT WITH WALL SWITCH. WALL SWITCH AT EA. FLOOR IF MORE THAN 5 STEPS TO UTLET AND LIGHT WITH WALL SWITCH BE HIGH EFFICACY AND ACTIVATED WITH OCCUPANCY SENSOR SWITCH THAT WILL AUTOMATICALLY TURN OFF WITHIN 30 MINUTES IF NO OTION DETECTOR ATION WALLS" FOR RECEPTACLES INSTALLED IN GARAGE/HOUSE DIVIDING WALL TIXTURE TO BE PROVIDED AT EXTERIOR WALK-THRU DOOR BE HIGH EFFICACY AND ACTIVATED BY TITLE 24 APPROVED SWITCH. IE WILL AUTOMATICALLY TURN OFF WITHIN 30 MINUTES IF NO ACTIVITY I WALLS BETWEEN STEEL RECEPTACLE BOXES THAT ARE "BACK-TO-BACK." AREA FOR SUCH OPENINGS NOT TO EXCEED 100 SQUARE INCHES FOR ANY REA C**TORS (DUAL UNITS OKAY)** RS MUST BE WITHIN 24" OF HIGHEST POINT IN ROOM. DETECTORS REQ. IN EACH BEDROOM, HALL OR AREA IMMEDIATELY OUTSIDE BEDROOM S, WITHIN 3-FT OF BATHROOM WITH TUB OR SHOWER, AND A MINIMUM OF 1 DETECTOR AT EACH FLOOR. DETECTORS TO BE WIRED TOGETHER ACKUP (IDE DETECTORS DETECTORS REQ. IMMEDIATELY OUTSIDE BEDROOM(S) & A MINIMUM OF 1 DETECTOR AT EACH FLOOR. DETECTORS TO BE ITTERY UNITS FOR REMODELS WHERE WALLS AND/OR CEILINGS ARE NOT OPENED TO ALLOW WIRING AND THERE IS NO ATTIC, CRAWLSPACE OR BIBLE AREA TO ALLOW FOR WIRING ON SHOULD BE SUCH THAT ACTIVIATION OF ONE ALARM WILL ACTIVATE ALL ALARMS IN THE INDIVIDUAL UNIT BE HIGH EFFICACY. UNO, ALL LIGHTING TO BE PIN BASED. LUMINARIES WITH INTEGRAL SOURCES AND CHANGEABLE LAMPS MUST BE CEC IETING THE REQUIRMENTS OF JA8. LUMINARIES NOT AUTOMATICALLY CLASSIFIED AS HIGH EFFICACY ARE TO HAVE A LIGHT SOURCE OR LAMP REQUIREMENTS. REQUIRED IN EVERY HABITABLE ROOM ID BELOW, ALL LIGHTING TO BE CONTROLLED BY EITHER DIMMER OR MANUAL ON/AUTOMATIC-OFF VACANCY SENSOR IMINAIRE EACH BATHROOM, GARAGE, LAUNDRY ROOM & UTILITY ROOM SHALL BE CONTROLLED BY A MANUAL ON/AUTOMATIC-OFF VACANCY IGHT FIXTURES TO EMPLOY GASKET OR CAULKING TO SEPARATE CONDITIONED FROM NON-CONDITIONED SPACE & SHALL BE APPROVED FOR E INSULATION COVER ES WITHIN 3-FT HORIZONTALLY OF SHOWER OR BATHTUB & 8-FT VERTICALLY OF SHOWER THRESHOLD OR BATHTUB RIM SHALL BE RATED FOR 'NLIGHTING IS TO CONTAIN LIGHT SOURCES THAT ARE JA8-CERTIFIED AND SHALL NOT CONTAIN SCREW BASED LAMPS AND SHALL NOT CONTAIN THAT ARE LABELED "NOT FOR USE IN ENCLOSED FIXTURES" OR " NOT FOR USE IN RECESSED FIXTURES" ELECTRICAL BOXES LOCATED MORE THAN 5-FT ABOVE FINISHED FLOOR THAT DO NOT CONTAIN A LUMINAIRE OR OTHER DEVICE SHALL NOT WBER OF BEDROOMS ELECTRICAL BOXES THAT ARE MORE THAN 5 FEET ABOVE THE FINISHED FLOOR AND DO NOT CONTAIN A LUMINAIRE OR OTHER DEVICE SHALL THAN THE NUMBER OF BEDROOMS. THESE ELECTRICAL BOXES MUST BE SERVED BY A DIMMER, VACANCY SENSOR CONTROL, OR FAN SPEED OCKETS, IF SPECIFIED, SHALL CONTAIN LAMPS THAT COMPLY WITH JA8 AND THE LAMPS MUST BE MARKED JA8-2016 OR JA8-2016-E NG NCE BETWEEN FULLY ENCLOSED FIXTURE & NEAREST POINT OF STORAGE NCE BETWEEN FLUORESCENT FIXTURE & NEAREST POINT OF STORAGE TACLES THE FLOOR LINE IN WALL SPACE SHALL BE MORE THAN 6 FT FROM OUTLET WHEN MEASURED HORIZONTALLY. OUTLET NOT REQ. FOR WALL THERWISE, BOTTOM OF RECEPTACLE BOXES TO BE 15" ABOVE THE SUB-FLOOR OR SLAB RANCH CIRCUITS THAT SUPPLY RECEPTACLES TO BEDROOMS, FAMILY ROOMS, KITCHENS, LAUNDRY ROOMS, LIVING ROOMS, DENS, MS, DINING ROOMS, CLOSETS, HALLWAYS, LIBRARIES OR SIMILAR ROOMS, SHALL BE PROTECTED BY A COMBINATION TYPE, ARC-FAULT

PTER ECEPTACLES, IN KITCHENS, BEDROOMS, FAMILY ROOMS, LIVING ROOMS, DENS, RECREATION ROOMS, DINING ROOMS, CLOSETS, HALLWAYS, IILAR ROOMS TO BE LISTED TAMPER RESISANT TYPE 5 TYPE 125-VOLT, 15 AND 20 AMPERE RECEPTACLES IN A DWELLING UNIT SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES. (EXCEPTIONS: MORE THAN 5'-6" ABOVE THE FLOOR, (2) RECEPTACLES PART OF A LUMINAIRE OR APPLIANCE, (3) A SINGLE RECEPTACLE OR A DUPLEX TWO APPLIANCES THAT ARE NOT EASILY MOVED AND LOCATED WITHIN DEDICATED SPACE AND ARE CHORD-AND-PLUG CONNECTED, AND (4) RECEPTACLES USED FOR REPLACEMENTS AS PERMITTED IN CODE OTECTION DEVICES SHALL BE READILY ACCESSIBLE OTECTION DEVICES SHALL BE READILY ACCESSIBLE

DEC. AT EXTERIOR WALK-THROUGH DOORS S ATTACHED TO STRUCTURE SHALL INCORPORATE PHOTO-SENSOR OVERRIDE SO THAT LIGHTS CANNOT OPERATE DURING DAYLIGHT HOURS S ATTACHED TO STRUCTURE SHALL TURN OFF AUTOMATICALLY WITHIN 30 MINUTES IF NOT RE-ACTIVATED BY MOTION DETECTOR SHIELDED SO THAT THE LIGHT SOURCE (LAMP(S)) CANNOT BE VIEWED FROM ADJACENT PROPERTIES IOUNTED OUTDOOR LIGHTING FIXTURES SHALL BE HIGH EFFICACY AND CONTROLLED AS NOTED BELOW: MOTION SENSOR. CONTROLS THAT OVERRIDE TO "ON" SHALL NOT BE ALLOWED UNLESS THE OVERRIDE AUTOMATICALLY REACTIVATES THE WITHIN & HOURS WITHIN 6 HOURS AUTOMATIC TIME SWITCH CONTROL OR ASTRONOMICAL TIME CLOCK. CONTROLS THAT OVERRIDE TO "ON" SHALL NOT BE ALLOWED UNLESS JTOMATICALLY RETURNS TO NORMAL OPERATION WITHIN 6 HOURS

 Process

 FI (WPGFI) RECEPTACLES REQ. FRONT AND REAR. RECEPTACLES TO BE NO MORE THAN 6-1/2' ABOVE GRADE

 ST ONE RECEPTICAL ALONG THE PERIMETER OF BALCONY, DECK, OR PORCH. ALL EXTERIOR RECEPTACLES SHALL BE (GFCI) PROTECTED

NTTIC ACCESS CERECEPTACLE SHALL BE LOCATED WITHIN 25 FT OF, AND ON THE SAME LEVEL AS THE EQUIPMENT FOR MAINTENANCE CH CONTROLLED LIGHTING SHALL BE INSTALLED FOR MAINTENANCE. SUCH LIGHTING SHALL PROVIDE SUFFICIENT ILLUMINATION TO SAFELY QUIPMENT AND PERFORM THE TASKS FOR WHICH ACCESS IS PROVIDED. CONTROL OF THE LIGHTING SHALL BE PROVIDED AT THE ACCESS ED PASSAGEWAY WHICH IS NO MORE THAN 20 FT IN LENGTH, HAS CONTINUOUS SOLID FLOORING NOT LESS THAN 24" WIDE, AND INCLUDES A AT LEAST 30"X30" AT THE FRONT OR SERVICE SIDE OF THE EQUIPMENT TION INSTRUCTIONS FOR MINIMUM COMBUSTIBLE AIR REQUIREMENTS. ADDITIONAL ATTIC VENTILATION MAY BE NECESSARY IM 3" CLEARANCE FROM TOP, BACK & SIDES (TOTAL OF BOTH SIDES SHALL BE AT LEAST 12") BE INSTALLED 40" ABOVE SUB-FLOOR OR SLAB

G UNIT OTHERWISE, PROVIDE 240V/60A CIRCUIT AT SPECIFIED LOCATION FOR CONDENSING UNIT CONCRETE PAD WITH 3" MINIMUM CLEARANCE TO GRADE AT CONDENSING UNIT. BOLT UNIT TO SLAB WITH TITEN HD, TAPCON OR EQUIVALENT. NSTALLATION INSTRUCTIONS FOR SPECIFIC REQUIREMENTS A LOCATION SUBJECT TO POSSIBLE MECHANICAL DAMAGE, APPLIANCE SHALL BE PROTECTED WITH A BARRIER (CURB, BOLLARD, ETC) .EVEL AT PROPERTY LINE ≤ 60 DB, A-WEIGHTED, CNEL (COMMUNITY NOISE EQUIVALENT LEVEL) ER-PROOF DISCONNECT SWITCH AT UNIT

E DISCONNECT - CONNECT #4 CU GROUND ELECTRODE CONDUCTOR TO #4 FOOTING REBAR WITH A MINIMUM LENGTH OF 20-FT OR EMBED 20-LF CTOR IN FOOTING. UFER TO HAVE A MINIMUM OF 2" CONCRETE ENCASEMENT. . PIPING (COLD WATER, HOT WATER, & GAS).

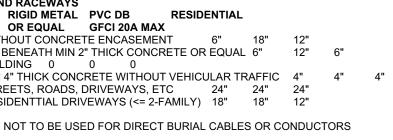
S TO BE COPPER WITH TYPE THHN INSULATION MINIMUM IZED GROUND CONDUCTOR IN ALL CONDUITS IAX CONDUIT CAPACITY FOR #12 AWG WIRE SHALL BE AS FOLLOWS: ø 1/2" - (3) / ø 3/4" - (5) / ø 1" - (8)

REMENTS

EQUIPMENT, LIGHTING FIXTURES, & APPLIANCES TO BE LISTED BY CODE-RECOGNIZED TESTING AGENCY PPLIANCE, EQUIPMENT, & CONDUIT LOCATIONS FROM DRAWING. ADJUST AS NEEDED TO FIELD CONDITIONS & CONFIRM ALL LOCATIONS WITH OF ROUGH-IN OF ROUGH-IN WELLING AND TOWNHOUSE, PROVIDE A MINIMUM I-INCH DIAMETER LISTED RACEWAY THAT CAN ACCOMMODATE A DEDICATED 208/240 VOLT THE PANEL OR SUBPANEL SHALL HAVE SUFFICIENT CAPACITY TO SUPPORT AT LEAST LEVEL 2 EVSE. A LABEL STATING "EV CAPABLE" SHALL CONSPICUOUS PLACE AT THE SERVICE PANEL OR SUBPANEL AND NEXT TO THE RACEWAY TERMINATION POINT. [4.106.4.1 CGBSC] IN THE COMMON PARKING AREA SERVING R-OCCUPANCIES, SHALL HAVE LABELS POSTED STATING "EV CAPABLE" AT BOTH THE EV CHARGING CONSPICUOUS PLACE AT THE SERVICE PANEL OR SUBPANEL. THE ELECTRICAL SYSTEM SHALL HAVE SUFFICIENT CAPACITY TO Y CHARGE ALL DESIGNATED EV SPACES AT FULL RATED AMPERAGE BASED ON LEVEL 2 EVSE. A SEPARATE ELECTRICAL PERMIT IS REQUIRED.

INECT SWITCHES AT REMOTE MOTORS

VISE NOTED, BOTTOM OF SWITCH BOXES TO BE 38" ABOVE SUB-FLOOR OR SLAB ICH TO BE NO MORE THAN 48" ABOVE LANDING T BE SWITCHED SEPARATELY FROM LIGHTING /ALL SWITCH-CONTROLLED LIGHTING OUTLET SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS: HALLWAYS, STAIRWAYS, BATHROOM, IABITABLE SPACES, ATTACHED GARAGES, DETACHED GARAGES W/ ELECTRICAL POWER, EXT. SIDE OF OUTDOOR ENTRANCES/EXITS. D RACEWAYS



/ 1		• P1
M1.1	THESE NOTES CONVEY MINIMUM CONSTRUCTION REQUIREMENTS AND ARE TO BE USED WHERE THE APPLICABLE CONDITIONS OCCUR. MORE STRINGENT REQUIREMENTS STIPULATED ELSEWHERE WITHIN THESE DOCUMENTS OR WITHIN RELEVANT MANUFACTURER'S INSTALLATION INSTRUCTIONS WITHIN SUPERSEDE	P1.1 P1.2
<i>I</i> 1.2	INSTRUCTIONS WILL SUPERSEDE UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS	P1.2 P1.3
//2	INSTRUCTIONS BATHROOM FAN BATHROOM TO CONTAIN VENTILATION FAN CADARLE OF THE OPEATER OF 5 ROOM AIR CHANCES	P2 P2.1
M2.1	BATHROOM TO CONTAIN VENTILATION FAN CAPABLE OF THE GREATER OF 5 ROOM AIR CHANGES PER HOUR OR 50 CFM. REQUIRED CFM (DIVIDE ROOM VOLUME - CF BY 12). UNO PER PLAN, USE NUTONE XN80 OR XN110 (OR EQUIVALENT) AS DRIVEN BY CFM REQUIREMENTS. SONE 3 MAX.	P2.2 P2.3
Л2.2 Л2.3	UNO PER PLAN, FAN TO BE CONTROLLED BY LEVITON IPHS5 (HUMIDITY SENSOR AND FAN CONTROL), INCLUDE INTEGRAL SENSOR, OR EQUIVALENT BACKDRAFT DAMPER REQUIRED	P2.4 P3
И2.5 И2.4 И2.5	EXHAUST DUCT TO BE METAL, WITH SMOOTH INTERIOR, AND VENT TO EXTERIOR DISTANCE BETWEEN DUCT TERMINATION AND OPERABLE BUILDING OPENINGS OR PROPERTY LINE TO BE >= 3-FT	P3.1
//2.5	FAN TO BE CONTROLLED INDEPENDENTLY FROM LIGHT FIXTURE	P3.3
//3 //3.1	CLOTHES DRYER GAS SHUTOFF VALVE, REQUIRED IMMEDIATELY BEFORE APPLIANCE CONNECTOR, TO BE WITHIN 3- FT OF DRYER FT OF DRYER	P3.4 P3.5
ИЗ.2 ИЗ.3 ИЗ.4	6-FT MAXIMUM LENGTH FOR APPLIANCE CONNECTOR EXHAUST DUCT TO BE METAL WITH SMOOTH INTERIOR. SCREWS NOT TO OBSTRUCT FLOW APPROVED FLEXIBLE DUCT, WITH MAXIMUM LENGTH OF 6-FT, OKAY FOR DOMESTIC DRYERS.	P3.6
ИЗ.5	4" MINIMUM DUCT NOT TO BE CONCEALED WITHIN CONSTRUCTION 4" MINIMUM DUCT DIAMETER FOR GAS DRYER OR PER INSTALLATION INSTRUCTIONS FOR ELECTRIC DRYER	P4.1 P5
ИЗ.6	MAXIMUM DUCT RUN OF 14-FT WITH (2) 90 DEGREE BENDS, UNLESS OTHERWISE SPECIFIED IN INSTALLATION INSTRUCTIONS. REDUCE DUCT LENGTH 2-FT FOR EVERY ADDITIONAL 90 DEGREE BEND. WHERE AN EXHAUST DUCT POWER VENTILATOR IS USED THE MAXIMUM LENGTH OF THE	P5.1
40.7	DRYER EXHAUST DUCT SHALL BE PERMITTED TO BE IN ACCORDANCE WITH THE DRYER EXHAUST DUCT POWER VENTILATOR MANUFACTURERS'S INSTALLATION INSTRUCTIONS.	P5.2 P5.3
ИЗ.7 ИЗ.8	DUCT TO TERMINATE AT EXTERIOR OF BUILDING. SCREEN-LESS BACKDRAFT DAMPER REQUIRED AT DUCT TERMINATION DISTANCE BETWEEN DUCT TERMINATION AND OPERABLE BUILDING OPENINGS OR PROPERTY LINE	P5.4
ИЗ.9	TO BE >= 3-FT. DUCT TERMINATIONS TO BE >= 5-FT FROM HEAT PUMPS IF INSTALLED IN A LOCATION SUBJECT TO POSSIBLE MECHANICAL DAMAGE, APPLIANCE SHALL BE	P5.5 P5.6
/13.10	PROTECTED WITH A BARRIER (CURB, BOLLARD, ETC) PROVIDE MAKEUP AIR FOR THE CLOTHES DRYER. WHEN A CLOSET IS DESIGNED FOR THE INSTALLATION OF A CLOTHES DRYER, A MINIMUM OPENING OF 100 SQ IN. SHALL BE PROVIDED IN	P6 P6.1
//3.11	THE DOOR PROVIDE DRYERBOX DB-480 OR SIMILAR AT FOR DRYER VENT CONNECTION AT WALL	P6.2 P6.3
14 14.1 14.2	GAS APPLIANCE VENTING (TYPE B) CONFIRM THAT TYPE B VENT IS APPROPRIATE PER THE APPLIANCE INSTALLATION INSTRUCTIONS. REFER TO THE TYPE B VENT SYSTEM INSTALLATION INSTRUCTIONS FOR PARTICULAR	P7 P7.1 P7.2
л ч.2 Л4.3	REQUIREMENTS. AMERIVENT BY (WWW.AMERICANMETALPRODUCTS.COM) FOR EXAMPLE THE FOLLOWING NOTES ARE MINIMUMS; MORE STRINGENT REQUIREMENTS SPECIFIED IN APPLIANCE OR VENT SYSTEM INSTALLATION INSTRUCTIONS SUPERSEDE.	P7.3
Л4.4 Л4,5 Л4.6	OBSERVE MINIMUM CLEARANCE OF 1" TO COMBUSTIBLE MATERIALS. VENT SHALL HAVE A CONTINUOUS RISE OF NOT LESS THAN A 2% SLOPE.	P8 P8.1
	VENTS TO EXTEND VERTICALLY, <=45 DEGREES FROM VERTICAL. EXCEPTION: ONE 60 DEGREE OFFSET OKAY, BUT LENGTH OF HORIZONTAL RUN PLUS HORIZONTAL CONNECTORS SHALL NOT EXCEED 75% OF THE VERTICAL HEIGHT OF THE VENT. VENTING SYSTEM SHALL TERMINATE NOT LESS THAN 5 ET ABOVE THE HIGHEST VENT COLLAR IT	P9 P9.1 P9.2
Л4.7 Л4.8	VENTING SYSTEM SHALL TERMINATE NOT LESS THAN 5-FT ABOVE THE HIGHEST VENT COLLAR IT SERVES. VENTS, WITH DIAMETER <= 12", SHALL EXTEND A MINIMUM OF 12" ABOVE THE ROOF FINISH MATERIALS FOR ROOF PITCHES UP TO 6:12, ASSUMING THAT THERE ARE NO VERTICAL WALLS	P10
• •	CLOSER THAN 8-FT HORIZONTALLY. REFER TO BUILDING CODE FOR GREATER ROOF PITCHES OR PIPE DIAMETERS	P10.
/4.9	VENTS SHALL EXTEND AT LEAST 2-FT ABOVE ANY PORTION OF THE BUILDING WITHIN 10-FT HORIZONTALLY FOR INSTALLATION WHERE A VERTICAL WALL OR SIMILAR OBSTRUCTION IS CLOSER THAN 8-FT HORIZONTALLY.	P10.
15 15.1	RANGE GAS SHUTOFF VALVE, REQUIRED IMMEDIATELY BEFORE APPLIANCE CONNECTOR, TO BE WITHIN 3-	P10. P10.
//5.2 //5.3	FT OF RANGE. 6-FT MAXIMUM LENGTH FOR APPLIANCE CONNECTOR.	P11
15.3 15.4 15.5	30" MINIMUM VERTICAL CLEARANCE TO COMBUSTIBLE MATERIALS. 24" MINIMUM VERTICAL CLEARANCE TO RANGE HOOD OR PER INSTALLATION INSTRUCTIONS. MINIMUM HORIZONTAL CLEARANCES PER INSTALLATION INSTRUCTIONS.	P11.
16 16.1	RANGE HOOD MIN 100 CFM PER 10,000 APPLIANCE BTUS @ 3 SONE MAX SOUND LEVEL	
16.2 16.3	EXHAUST DUCT TO BE METAL WITH SMOOTH INTERIOR. SCREWS NOT TO OBSTRUCT FLOW. SCHEDULE 40 PVC DUCT FOR DOWNDRAFT OKAY FOR INSTALLATION BENEATH CONCRETE SLAB. JOINTS TO BE SOLVENT CEMENTED, BACKFILL TRENCH WITH SAND OR GRAVEL. NO MORE THAN 1"	P11
16.4 16.5	OF 6" DIAMETER PVC FITTING MAY PROTRIDE ABOVE THE SLAB. BACKDRAFT DAMPER REQUIRED AT DUCT TERMINATION. DISTANCE BETWEEN DUCT TERMINATION AND OPERABLE BUILDING OPENINGS OR PROPERTY LINE	P11
	TO BE >= 3-FT. FAU ATTIC REQUIREMENTS	P11.
17 17.1 17.2	ATTIC ACCESS TO BE A MINIMUM OF 30"X22" OR SIZE NECESSARY TO FACILITATE INSTALLATION OR SUBSEQUENT REPLACEMENT OF THE EQUIPMENT; WHICHEVER IS GREATER.	P11 P11
17.2 17.3	A 120-VOLT SERVICE RECEPTACLE SHALL BE LOCATED WITHIN 25 FT OF, AND ON THE SAME LEVEL AS THE EQUIPMENT FOR MAINTENANCE. PERMANENT SWITCH CONTROLLED LIGHTING SHALL BE INSTALLED FOR MAINTENANCE. SUCH	P12 P12
	LIGHTING SHALL PROVIDE SUFFICIENT ILLUMINATION TO SAFELY APPROACH THE EQUIPMENT AND PERFORM THE TASKS FOR WHICH ACCESS IS PROVIDED. CONTROL OF THE LIGHTING SHALL BE PROVIDED AT THE ACCESS ENTRANCE.	P13
17.4	AN UNOBSTRUCTED PASSAGEWAY WHICH IS NO MORE THAN 20 FT IN LENGTH, HAS CONTINUOUS SOLID FLOORING NOT LESS THAN 24" WIDE, AND INCLUDES A SERVICE SPACE AT LEAST 30"X30" AT THE FRONT OR SERVICE SIDE OF THE EQUIPMENT.	P13
17.5	UNLESS INDICATED OTHERWISE IN INSTALLATION MANUAL, INCREASE VENTILATING AREA FOR ATTIC FAU AT 2 SQ IN/1 000 BTU, W/MIN, INCREASE OF 200 SQ IN. OR ADD COMBUSTION AIR INTAKE PER FAU MFG INSTALLATION INSTRUCTIONS.	P13 P13
17.6 17.7	UNLESS NOTED OTHERWISE IN INSTALLATION INSTRUCTIONS, MAINTAIN MINIMUM 3" CLEARANCE FROM TOP, BACK & SIDES (TOTAL OF BOTH SIDES SHALL BE AT LEAST 12").	P13
17.7	IF INSTALLED IN A LOCATION SUBJECT TO POSSIBLE MECHANICAL DAMAGE, APPLIANCE SHALL BE PROTECTED WITH A BARRIER (CURB, BOLLARD, ETC)	P14.
18 18.1	AC CONDENSING UNIT UNLESS NOTED OTHERWISE, PROVIDE 240V/60A CIRCUIT AT SPECIFIED LOCATION FOR CONDENSING UNIT	P15. P15. P15.
18.2	PROVIDE MIN 4" CONCRETE PAD WITH 3" MINIMUM CLEARANCE TO GRADE AT CONDENSING UNIT. BOLT UNIT TO SLAB WITH TITEN HD, TAPCON OR EQUIVALENT. REFER TO MFG INSTALLATION INSTRUCTIONS FOR SPECIFIC REQUIREMENTS	P16
18.3 18.4	IN STRUCTIONS FOR STOLENT AND A LOCATION SUBJECT TO POSSIBLE MECHANICAL DAMAGE, APPLIANCE SHALL BE PROTECTED WITH A BARRIER (CURB, BOLLARD, ETC) SOUND POWER LEVEL AT PROPERTY LINE ≤ 53 DB, A-WEIGHTED, CNEL (COMMUNITY NOISE	P16 P16
18.4 18.5	SOUND POWER LEVEL AT PROPERTY LINE ≤ 53 DB, A-WEIGHTED, CNEL (COMMUNITY NOISE EQUIVALENT LEVEL) PROVIDE WEATHER-PROOF DISCONNECT SWITCH AT UNIT	P16. P16.
19 19.1	FRESH AIR INTAKE BROAN HEAT RECOVERY VENTILATION UNIT HRV SERIES OR EQUIVALENT	P16.
19.2 19.3	UNIT TO OPERATE CONTINUOUSLY & RUN IN PARALLEL WITH FAU (INSTALLATION METHODOLOGY MUST NOT REQUIRE FAU FAN TO RUN. SEE MFG INSTALLATION INSTRUCTIONS) UTILIZING PROGRAMMABLE THERMOSTATIC CONTROL (HONEYWELL VISIONPRO IAQ OR	P17 P17
19.4	EQUIVALENT) CONFIGURE VENTILATION FOR CONTINUOUS CONTROL THE FOLLOWING NOTICE TO BE POSTED IN A VISIBLE LOCATION & SUGGESTED TO BE LOCATED INSIDE THE FAU EQUIPMENT CLOSET DOOR AND/OR ON THE INSIDE OF THE COAT CLOSET DOOR:	P17. P17. P17.
	TO MAINTAIN MINIMUM LEVELS OF OUTSIDE AIR VENTILATION REQUIRED FOR GOOD HEALTH, THIS HOUSE INCORPORATES A FRESH AIR VENTILATION SYSTEM THAT SHOULD BE ON AT ALL TIMES WHEN THE BUILDING IS OCCUPIED, UNLESS THERE IS SEVERE OUTDOOR AIR CONTAMINATION.	P17. P17.
19.5	THE CONTROL IS AVAILABLE AT THE THERMOSTAT PROGAMMABLE CONTROLLER'. SIZE & ADJUST CFM PER BELOW	P17. P17.
	FLOOR AREA BEDROOMS SF 0-1 2-3 4-5 6-7 >7	P17.
	< 1,500 30 45 60 75 90 1,501 - 3,000 45 60 75 90 105 3,001 - 4,500 60 75 90 105	
	4,501 - 6,000 75 90 105 120 135 6,001 - 7,500 90 105 120 135 150 > 7,500 105 120 135 150	P17.
110 110.1	REGISTERS, GRILLES, & DIFFUSERS SUPPLY DISCHARGE AIR NOT TO BE DIRECTED TOWARD OCCUPIED ZONE	1 1/.
110.1	AS MUCH AS IS PRACTICAL, FLOOR OR LOW SIDEWALL SUPPLIES TO BE LOCATED AT EXTERIOR WALLS AND DISCHARGE AIR STRAIGHT UP THE WALLS. VELOCITY OF DISCHARGE AIR SHOULD BE	P17.
110.3	SUFFICIENT TO REACH CEILING. AS MUCH AS IS PRACTICAL, HIGH INTERIOR SIDEWALL SUPPLIES TO DISCHARGE AIR PARALLEL TO THE CEILING AND TOWARDS EXTERIOR WALLS.	P17.
110.4	AS MUCH AS IS PRACTICAL, CEILING SUPPLIES SHOULD DISCHARGE AIR PARALLEL TO THE CEILING AND TOWARDS EXTERIOR WALLS. SUPPLIES SHOULD BE CLOSE ENOUGH FOR AIR TO REACH EXTERIOR WALL.	P18
110.5	UNLESS NOTED OTHERWISE, HART & COOLEY 300 SERIES OR COMPARABLE PRODUCT TO BE USED.	P18. P18.
111 111.1	FLEX DUCTS UNLESS NOTED OTHERWISE, HART & COOLEY F118 SERIES DUCT OR COMPARABLE TO BE USED FOR FLEX DUCT.	P18.
112	GAS PIPING - UNDER SLAB	P18.
112.1	GAS PIPING FOR KITCHEN ISLAND RANGE-OVEN, SHALL BE INSTALLED WITHIN AN APPROVED SLEEVE, INCLUDING THE REQUIRED VENT. THE PENETRATION SHALL BE SEALED WITH SEALANT. (PER CBC)	P18.
113	SEE DETAIL ON THIS SHEET GENERAL NOTES	P19 P19. P19.
113.1	FABRICATE ALL DUCTS PER SMACNA 'LOW VELOCITY AND DUCT CONSTRUCTION' STANDARDS. USE 'S AND DRIVERS FOR JOINTS, 'PITTSBURG' SEAMS. SEAL JOINTS WITH APPROVED SEALER. FABRICATE DUCTS WITH GALVANIZED SHEET METAL.	P19. P19. P19. P19.
113.2 113.3	PROVIDE TURNING VANES IN ALL 90 DEGREE ELBOW SUPPLY AND RETURN AIR DUCTS PLUMBING CONTRACTOR TO PROVIDE CONDENSATE DRAIN PIPE COPPER TYPE 'M' WITH 4" DEEP TRAP TO APPROVED RECEPTOR	P20
113.4 113.5	ALL FIRE DAMPERS SHALL BE STATE FIRE MARSHALL APPROVED WITH LISTING NUMBER ALL HVAC EQUIPMENT ANDD DUCTS SHALL BE INSTALLED PER 'SMACNA' SEISMIC RESTRAINT	P20. P20.
/13.6	INSTALLATION METHODS ALL LAY-IN T-BAR CEILING DIFFUSERS SHALL BE TITUS, MODEL PCS , WITH ROUND NECK AND PERFORATED, OR EQUAL	P20. P21
M13.7 M13.8 M13.9	ALL SIDEWALL REGISTERS SHALL BE TITUS MODEL 300-RS OR EQUAL ALL GYP BOARD MOUNTED EXHAUST GRILLES SHALL BE TITUS MODEL 300-R OR EQUAL ALL RETURN AIR GRILLES TO MATCH DIFFUSERS	P21 P21. P21.
/13.10 /13.11	ALL COMBUSTIBLE MATERIALS SHALL HAVE A FLAME SPREAD < 25, SMOKE SPREAD < 50 ALL DUCTS EXPOSED TO OUTDOORS SHALL BE LINED WITH FIBERGLASS LINER, 2" THICK CSG ULTRALINER (R8). ATTACH LINER WITH DISC AND SPINDLES AND ADHESIVE	1.
И13.12 И13.13	ALL INSULATED DUCTWORK LOCATED INDOORS SHALL BE WRAPPED WITH 1" DUCT WRAP (R4). ATTACH BLANKET WITH #10 SOFT ANNEALED WIRE AT 12" OC USE OF FLEXIBLE DUCT IN PLACE OF SPIRAL DUCT IS PERMITTED AT CONNECTION TO DIFFUSER	
И13.14	OR GRILLE WITH MAX LENGTH OF 7". ALUMINUM FLEX DUCT IS NOT ALLOWED THERMOSTATS ARE TO BE LOCATED 36" TO 48" ABOVE FINISHED FLOOR	
Л13.15 Л13.16	CONTRACTOR TO VERIFY EQUIPMENT VOLTAGE PRIOR TO ORDER AN AIR BALANCE TEST WILL BE REQUIRED TO CONFIRM PROPER OUTSIDE AIR MIX PER BE PROTECTED WITH A BARRIER (CURB, BOLLARD, ETC)	

P-PLUMBING NOTES

GENERAL THESE NOTES CONVEY MINIMUM CONSTRUCTION REQUIREMENTS AND ARE TO BE USED WHERE THE APPLICABLE CONDITIONS OCCUR. MORE STRINGENT REQUIREMENTS STIPULATED ELSEWHERE WITHIN THESE DOCUMENTS OR WITHIN RELEVANT MANUFACTURER'S INSTALLATION INSTRUCTIONS WILL SUPERSEDE. UNLESS OTHERWISE NOTED, ALL MATERIALS AND EQUIPMENT TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. DRAWINGS ARE DIAGRAMMATIC; ADJUST PIPE ROUTING & SIZE TO FIELD CONDITIONS AS NEEDED.

BACKWATER VALVE FIXTURES WITH FLOOD RIMS BELOW THE NEXT UPSTREAM MANHOLE COVER SHALL BE PROTECTED BY APPROVED BACKWATER VALVE. LICENSED PLUMBER PERFORMING WORK TO MAKE FINAL DETERMINATION. NO OTHER FIXTURES SHALL DISCHARGE THROUGH BACKWATER VALVE. BACKWATER VALVES SHALL DISCHARGE THROUGH BACKWATER VALVE. HOSE BIBS SHALL BE FITTED WITH A NON-REMOVABLE BACK-FLOW DEVICE

CLEANOUTS CLEANOUTS PROVIDE CLEANOUT AT UPPER END OF HORIZONTAL DRAIN LINES AND AT INCREMENTS NOT TO EXCEED 100-FT. PROVIDE ADDITIONAL CLEANOUTS WHEN HORIZONTAL CHANGE IN DIRECTION EXCEEDS 135 DEGREES. BUILDING SEWER CLEANOUT REQUIRED WITHIN 2-FT OF BUILDING DRAIN. USE OF TWO-WAY CLEANOUT AT THIS LOCATION ELIMINATES THE NEED FOR A CLEANOUT A THE UPPER TERMINAL OF THE BUILDING DRAIN. CLEANOUTS NOT REQUIRED ABOVE FIRST FLOOR. UNDER FLOOR CLEANOUTS SHALL BE NO MORE THAN 20-FT FROM ACCESS. CLEANOUTS UP TO 2" DIAMETER REQUIRE A MINIMUM OF 12" CLEARANCE IN FRONT OF CLEANOUT. 18" MINIMUM REQUIRED FOR DIAMETERS > 2". CLEANOUT NOT REQUIRED FOR PIPE LENGTHS LESS THAN 60" UNLESS SERVING SINK OR URINAL

DISHWASHER AIR GAP OR INTEGRAL BACKFLOW DEVICE REQUIRED FOR DISHWASHER DRAIN LINES

OCLYETHYLENE OR POLYBUTYLENE APPROVED FOR UNDERGROUND EXTERIOR USE ONLY, AND TO BE INSTALLED BY VORKERS FAMILIAR WITH THE PARTICULAR REQUIREMENTS. PIPE TO BE A MINIMUM OF 18" BENEATH GRADE. 18 AWG WORKERS FAMILIAR WITH THE PARTICULAR REQUIREMENTS. PIPE TO BE A MINIMUM OF 18" BENEATH GRADE. 18 AWG TRACE WIRE TO BE RUN WITH PIPE IRON OR STEEL PIPE. INSTALLED IN EXTERIOR LOCATIONS, TO BE PROTECTED BY FACTORY APPLIED WRAPPING APPROVED FOR SUCH USE. PIPE TO BE A MINIMUM OF 12" BENEATH GRADE GAS PIPE TO BE BLACK PIPE OR APPROVED FLEXIBLE GAS PIPE IF INSTALLED BY WORKERS FAMILIAR WITH THE PARTICULAR SYSTEM REQUIREMENTS FLEX-PIPE WITHIN 1" OF JOIST OR STUD EDGE SHALL BE PROTECTED WITH NAIL PLATE UNDER FLOOR PIPING TO BE MINIMUM OF 6" ABOVE GROUND GAS PIPE NOT TO BE BURIED UNDER OR IN SLAB WITHIN THE BUILDING. EXCEPTION: IF ALLOWED BY LOCAL JURISDICTION, PIPE MAY BE INSTALLED IN A SLEEVE THAT VENTS TO THE OUTSIDE. REVIEW SPECIFIC INSTALLATION CODE REQUIREMENTS

GAS SHUTOFF VALVES MAIN GAS SHUTOFF REQUIRED AT EXTERIOR OF BUILDING AND TO BE READILY ACCESSIBLE DEDICATED GAS SHUTOFF VALVE REQUIRED WITHIN 4-FT OF FIREPLACE, BBQ AND OUTSIDE HEARTH DEDICATED GAS SHUTOFF VALVE REQUIRED WITHIN 3-FT OF EACH APPLIANCE

TRAP TO BE BETWEEN 6" AND 18" ABOVE THE FLOOR STANDPIPE RECEPTOR TO BE >= 18" AND <= 42" IN HEIGHT CLOTHES WASHERS MAY DRAIN TO LAUNDRY TUB

PIPE AT FOUNDATION SEE CONC-PIPES & TRENCHES @ FNDN

PIPE AT FRAMING REFRMNG-CUTTING & NOTCHING DETAIL REFER TO SPECIFIC MANUFACTURING REQUIREMENTS FOR DRILLING, NOTCHING, AND CUTTING OF I-JOISTS AND OTHER NGINEERED LUMBER

PIPE SUPPORTS CAST IRON NO HUB: HORIZONTAL SUPPORT TO BE WITHIN 18" OF EVERY OTHER JOINT AND NOT TO EXCEED 4-FT O.C. BETWEEN SUPPORTS. VERTICAL SUPPORT AT BASE AND EACH FLOOR WITH A MAXIMUM VERTICAL SPACING BETWEEN SUPPORTS OF 15-FT SUPPORTS OF 13-F1 COPPER: HORIZONTAL SUPPORT FOR PIPE <= 1-1/2" DIAMETER NOT TO EXCEED 6-FT O.C. FOR PIPE DIAMETER >=2", SUPPORTS NOT TO EXCEED 10-FT O.C. VERTICAL SUPPORT AT EACH FLOOR AND SHALL NOT TO EXCEED 10-FT BETWEEN PEX: HORIZONTAL SUPPORTS AT 32" O.C.. VERTICAL AT EACH FLOOR WITH MID-STORY GUIDES ABS DWV: HORIZONTAL SUPPORTS NOT TO EXCEED 4-FT O.C. ALLOW FOR EXPANSION EVERY 30-FT. SUPPORT AT EACH HORIZONTAL BRANCH CONNECTION. VERTICAL SUPPORT AT EACH FLOOR WITH MID-STORY GUIDES

PLUMBING FIXTURES CALIFORNIA GREEN BUILDING STANDARDS REQUIRE THAT OVERALL POTABLE WATER CONSUMPTION BE REDUCED BY 20% PROVIDING FIXTURES THAT MEET THE FOLLOWING REQUIREMENTS: TOILET ≤ 1.28 GPF LAVATORY FAUCET ≥ 0.8 GPM @ 20 PSI; ≤ 1.2 GPM @ 60 PSI KITCHEN SINK ≤ 1.8 GPM @ 60 PSI SHOWERHEAD ≤ 1.8 GPM @ 80 PSI URINAL ≤ 0.5 GALS PER FLUSH

TOILET - CENTER OF FIXTURE SHALL BE ≥ 15" TO ADJACENT WALL OR 30" CTC TO ADJACENT FIXTURE CENTER. PROVIDE MIN 30" CAY'D AREA IN FRONT OF FIXTURE SHOWER CONTROL VALVE FOR SHOWER OR TUB-SHOWER SHALL BE OF PRESSURE BALANCE OR THERMOSTATIC MIXING VALVE TYPE VALVE 1YPE. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE SERVED BY ONE CONTROL VALVE TO BE ≤ 1.8 GPM @ 80 PSI NO TOILET OR BIDET SHALL BE SET CLOSER THAN 15" FROM ITS CENTER TO ANY SIDE WALL OR OBSTRUCTION NOR CLOSER THAN 30" ON CENTER TO SIMILAR FIXTURES. CLEAR SPACE IN FRONT OF TOILET OR BIDET SHALL BE AT LEAST 24". PROVIDE 12X12 ACCESS PANEL OR UTILITY SPACE AT BATHTUB OR FIXTURE WITH CONCEALED SLIP JOINTS REVERSE OSMOSIS DRINKING SYSTEMS REJECTION WATER MUST DRAIN THROUGH AN AIR GAP

SHOWERS MINIMUM SHOWER AREA TO BE 1,024 SQUARE INCHES WITH A MINIMUM DIAMETER OF 30". MEASURED FROM FINISH SURFACES. MINIMUM SHOWER AREA TO BE MAINTAINED TO 70" ABOVE DRAIN. SHOWERHEADS, VALVES, GRAB BARS, & SOAP DISHES ALLOWED TO PROTRUDE INTO REQUIRED AREA. FINISHED THRESHOLD HEIGHT TO BE 2" TO 9" ABOVE TOP OF DRAIN FLOOR SHALL SLOPE UNIFORMLY FROM THE SIDES TOWARDS THE DRAIN WITH SLOPE ≥ 2% SHOWERHEAD NOT TO DISCHARGE DIRECTLY TOWARDS DOOR NET DOOR OPENING WIDTH TO BE ≥ 22". DOOR, IF PRESENT, NOT TO ENCROACH ON THIS MINIMUM WIDTH

TAILPIECE MAXIMUM LENGTH OF 24"

TRAP ARMS

LENGTH LIMITATIONS: 1-1/4" (30"), 1-1/2" (42"), 2" (60"), 3" (72"), 4" & > (120"), TOILET TRAP (72") 90 DEGREES OF CHANGE ALLOWED WITHOUT CLEANOUT. 135 DEGREES OKAY FOR DIAMETERS 3" AND LARGER PIPE. DIAMETER REQUIREMENTS FOR FIXTURES: 1-1/2" (BATHTUB, SINK, RESIDENTIAL DISHWASHER, BIDET, AND LAUNDRY TUB), 2" (CLOTHES WASHER, FLOOR DRAIN, AND SHOWER), 3" (TOILET)

VENT PIPES SLOPE VENTS TOWARDS WASTE OR SOIL PIPE. VENT PIPES MUST BE AT LEAST 2 PIPE DIAMETERS FROM TRAP. VENT PIPES SHALL EXTEND THROUGH FLASHING AT LEAST 6" ABOVE THE ROOF AND SHALL NOT BE WITHIN 12" OF ANY VERTICAL SURFACE. VENT PIPES TERMINATING < 10-FT HORIZONTALLY FROM OPERABLE DOOR OR WINDOW SHALL BE AT LEAST 3-FT ABOVE OR 4-FT BELOW OPENING. VENT PIPES TERMINATING < 10-FT HORIZONTALLY FROM DECK SHALL BE AT LEAST 7-FT ABOVE DECK.

WATER HEATER

WATER HEATER INSTALL 1-1/2" WIDE, 16 GA STRAP AT 1/3 FROM THE TOP & 1/3 FROM THE BOTTOM OF THE WATER HEATER. STRAPS NOT REQUIRED IF "FLASH" WATER USED AND APPROPRIATE MANUFACTURERS MOUNTING HARDWARE IS USED. INSTALL BALL VALVE AT OR NEAR COLD WATER SUPPLY INLET & HOT WATER OUTLET INSTALL UNIONS WITHIN 12" OF WATER HEATER TO ALLOW FOR SERVICEABILITY IF INSTALLED IN GARAGE, WATER HEATER PLATFORM TO BE MIN. 18" ABOVE SLAB INSULATER SET OF PIPING. INSULATION NOT NEEDED IF "FLASH" WATER HEATER USED FOR WATER HEATERS WITH 50 GALLON CAPACITY OR LESS, PROVIDE R-12 BLANKET IF ENERGY FACTOR <0.58 IF IN GARAGE, INSTALL PARKING CURB OR BOLLARD TO PROTECT WATER HEATER FROM POSSIBLE IMPACT THE TAP DRAIN PIPE SHALL BE OF THE SAME DIAMETER AS THE RELIEF VALVE OUTLET AND SHALL EXTEND TO THE OUTSIDE OF THE BUILDING WITH THE END OF THE PIPE NOT MORE THAN 6" ABOVE THE GROUND WHERE THE WATER HEATER IS INSTALLED IN A LOCATION WHERE LEAKAGE WILL CAUSE DAMAGE, SUCH AS IN SUSPENDED CELING SPACES. FURPED SPACES OR ATTICS. THE WATER HEATER SHALL BE INSTALLED IN A GALVANIZED STEEL PAN HAVING A MINIMUM THICKNESS OF 0.0276 INCH. THE PAN SHALL BE NO LESS THAN 1-1/2 INCHES DEEP AND SHALL BE LARGE ENOUGH TO RECEIVE ALL DRIPPING OR CONDENSATE FROM THE WATER HEATER. THE PAN SHALL BE DRAINED BY AM INDIRECT WASTE PIPE HAVING A MINIMUM DIAMETER OF 3/4-INCH OR THE OUTLET DIAMETER OF THE REQUIRED RELIEF VALVE. WHICHEVER IS LARGER. THE PAN DRAIN SHALL EXTEND FULL SEX AND TERMINATE OVER A SUITABLY LOCATED INDIRECT WASTE RECEIPTOR OR FLOOR DRAIN OR EXTEND TO THE EXTERIOR OF THE BUILDING AND TERMINATE NO LESS THAN 6 INCHES OR MORE THAN 24 INCHES ABOVE THE ADJACENT GROUND WATER HEATERS INSTALLED IN CONFINED SPACES (50 CUBIC FEET PER 1.000 BTU/H INPUT) SHALL BE VENTED TO UNCOMFILED SPACES OF APPROYED AS BOVE THE ADJACENT GROUND WATER HEATERS INSTALLED IN CONFINED SPACES (500 CUBIC FEET PER 1.000 BTU/H INPUT) SHALL BE VENTED TO UNCOMENTED SPACES BY PROVIDING TWO OPENINGS INTO THE ENCLOSURE ACCH OPENING SHALL HAVE A MINIMUM VENTILATIN

WATER SUPPLY BALL TYPE SHUT-OFF VALVE TO BE INSTALLED BETWEEN SERVICE WATER METER AND WATER PRESSURE REDUCING VALVE. WATER PRESSURE REDUCING VALVE WITH INTEGRAL BY-PASS CHECK VALVE AND STRAINER TO BE INSTALLED AT BUILDING WATER SUPPLY INLET. VALVE SHALL BE ACCESSIBLE FOR CLEANING AND ADJUSTMENT WITHOUT REMOVAL OF PIPE OR VALVE. BUILDING'S POTABLE WATER SUPPLY SYSTEM STATIC PRESSURE NOT TO EXCEED 80 PSI. COPPER TUBE USED IN WATER SUPPLY SYSTEM TO HAVE A MINIMUM WEIGHT OF TYPE L OR K. COPPER TUBING TO BE INSTALLED WITHOUT JOINTS WHERE POSSIBLE. JOINTS SHALL BE BRAZED AND FITTINGS ARE TO BE WROUGHT COPPER. PIPE TO BE A MINIMUM OF 12" BELOW GRADE. APPROVED PEX PLUMBING SYSTEMS IS TO BE INSTALLED BY WORKERS FAMILIAR WITH THE REQUIREMENTS FOR THE PARTICULAR SYSTEM SELECTED. PIPE THAT IS WITHIN 1" OF JOIST OR STUD EDGE SHALL BE PROTECTED WITH NAIL PLATE.

PEX INSTALL PEX (ZURN) HOT & COLD WATER MANIFOLDS INSTALL HOT WATER MANIFOLD AS CLOSE AS POSSIBLE TO HOT WATER HEATER, BUT NO CLOSER THAN 18" RUN DEDICATED 1/2" LINES TO EA BATHTUB RUN DEDICATED 1/2" LINES TO WASHER RUN DEDICATED 3/8" LINE TO EA FIXTURE

PIPE INSULATION IF SPECIFIED PER PLUMBING PLAN, INSULATE ALL HOT WATER PIPE INSULATION TO BE PROTECTED FROM DAMAGE, INCLUDING THAT DUE TO SUNLIGHT, MOISTURE, EQUIPMENT

MAINTENANCE, & WIND INSULATION CONDUCTIVITY RANGE OF 0.24-0.28 BTU-INCH PER HOUR PSF PER °F WASHING MACHINE

INSTALL OATLEY METAL WASHING MACHINE BOX (OR EQUAL) AT WALL IF DESIRED OR REQUIRED BY LOCAL GOVERNING AGENCY, WHERE THE WASHING MACHINE IS INSTALLED IN A LOCATION WHERE LEAKAGE WILL CAUSE DAMAGE, THE WASHING MACHINE SHALL BE INSTALLED IN A GALVANIZED STEEL PAN (OR MANUFACTURED UNIT) HAVING A MINIMUM THICKNESS OF 0.0276 INCH. THE PAN SHALL BE NO LESS THAN 1-1/2 INCHES DEEP AND SHALL BE LARGE ENOUGH TO RECEIVE ALL DRIPPING. THE PAN SHALL BE DRAINED BY AN INDIRECT WASTE PIPE

HAVING A MINIMUM DIAMETER OF 3/4-INCH. THE PAN DRAIN SHALL EXTEND FULL SIZE AND TERMINATE OVER A SUITABLY I OCATED INDIRECT WASTE RECEPTOR OR FLOOR DRAIN OR EXTEND TO THE EXTERIOR OF THE BUILDING AND TERMINATE NO LESS THAN 6 INCHES OR MORE THAN 24 INCHES ABOVE THE ADJACENT GROUND

WINDWARD

design services, lla

moving forward 1825 STATE STREET, STE 102

SANTA BARBARA, CA 93101 T: 805.845.6601 E: INFO@WINDWARDENG.COM

LA FLECHA LANE **REMODEL & ADDITION**

36 LA FLECHA LANE SANTA BARBARA, CA 93105 PROJECT NO: 4545

CLIENT

LAUREN HUDSPETH 36 LA FLECHA LANE SANTA BARBARA, CA 93105

G001 GENERAL G006 PHOTO SURVEY A001 RESIDENTIAL NOTES A101 SITE PLAN A102 DRIVEWAY PLAN DETAIL A103 DEMO PLAN A104 FLOOR PLAN A201 (E) ELEVATIONS A202 (P) ELEVATIONS A301 SECTIONS A501 ARCH DETAILS

A601 SCHEDULES

PUBLISHED: 5/19/22 4:11 PM

DATES

3/29/2022 INITIAL

SCALE AS NOTED

CREATED BY: WDS

SHEET **RESIDENTIAL NOTES**

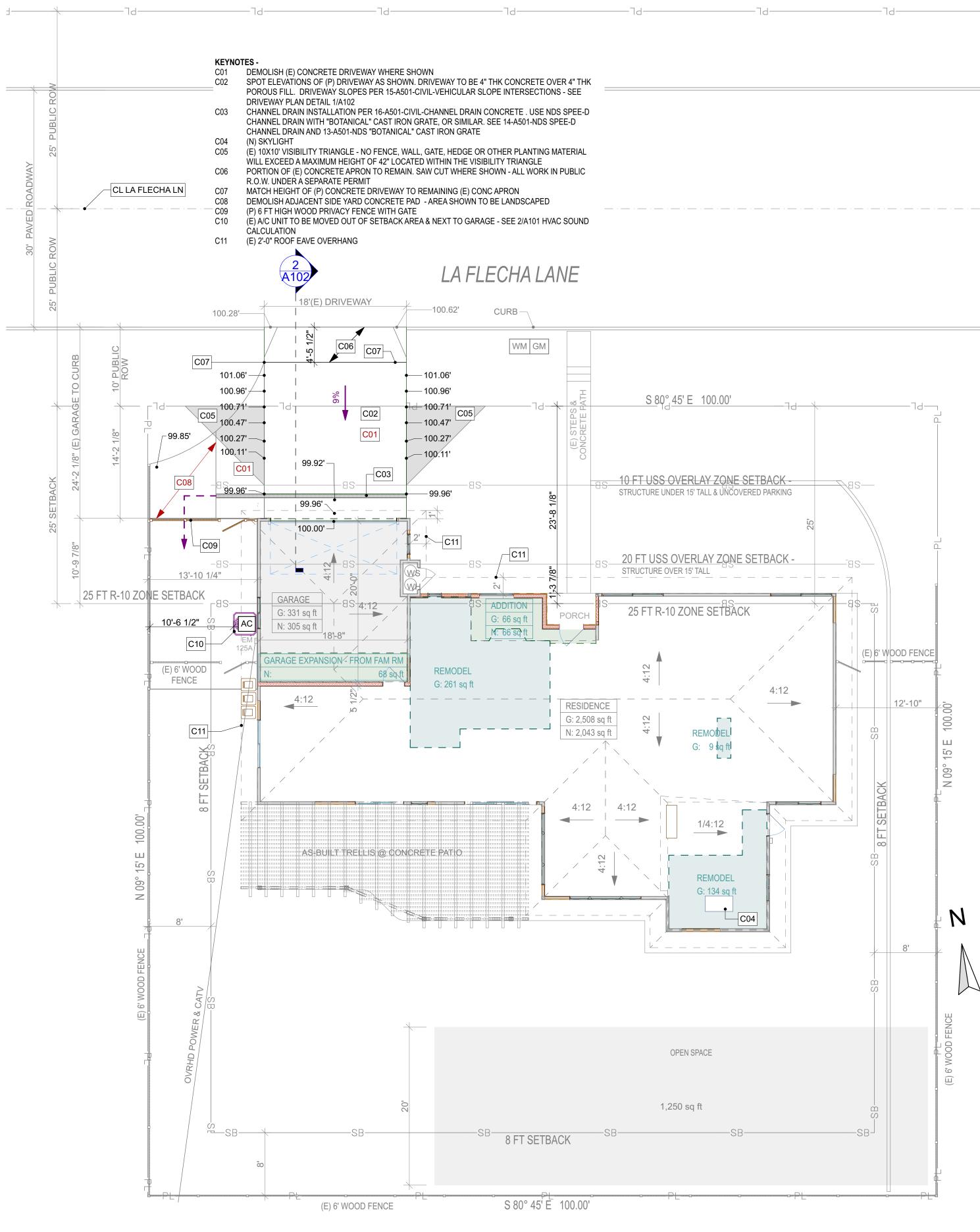






HVAC EQUIPMENT SOUND CALCULATION

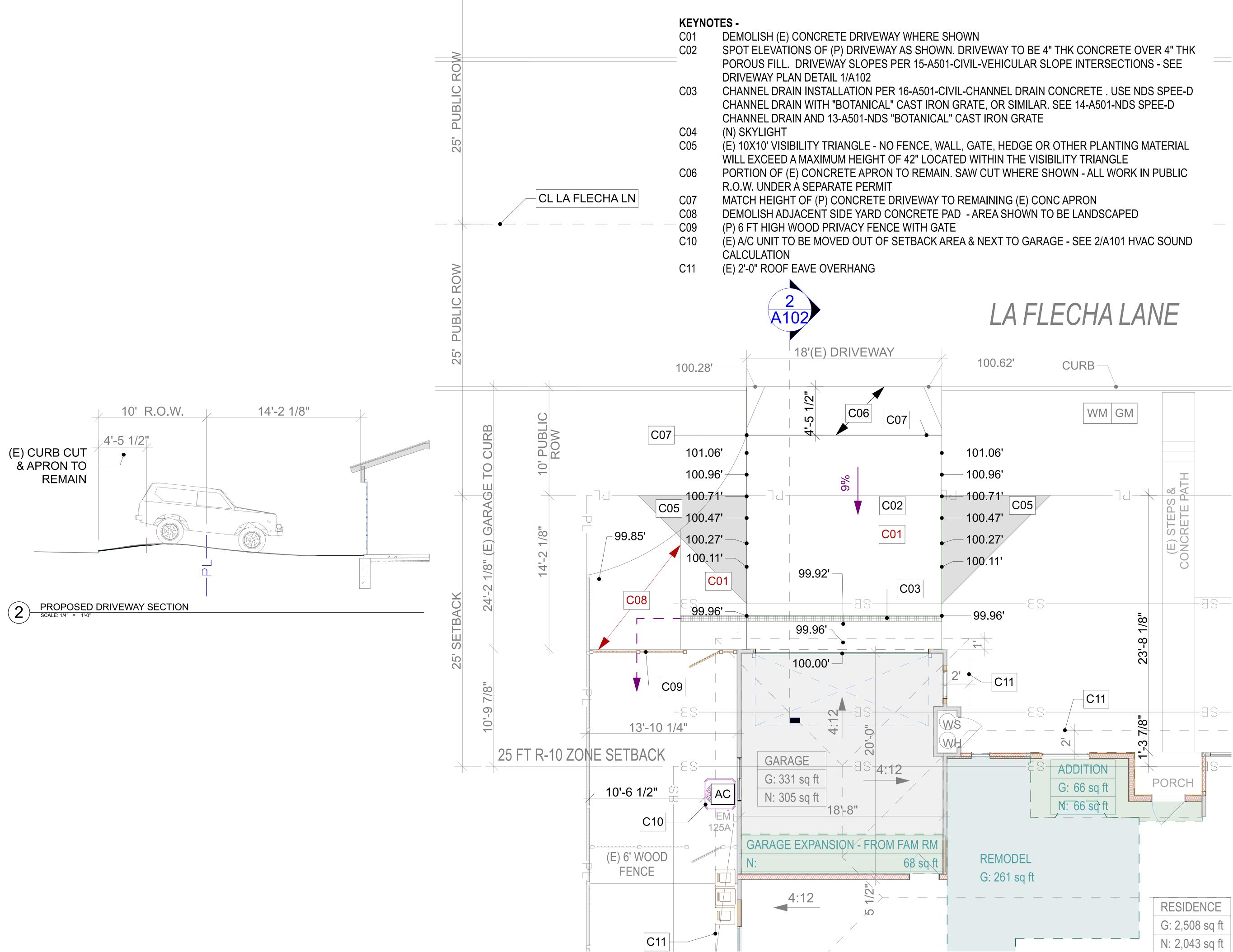
Equipment Sound	Toot Std Di	stance from	Edge of Equipment to Location Under	Sound level	Sound level at Location Under
Equipment Sound					
Level Rating db	Edge of Eq	uipment ft	Consideration ft	drop db	Consideration
7	6.0	3.28	10.500	-10	65.9
Sound Blanket (Brin	nmar or Equal)			Y	-(
Adjusted with Sound	Blanket				50.0
	Dialikel				59.9
	Dialiket				59.
Surrounds, Fences,			TL=14.5logM+23		59.
Surrounds, Fences,			TL=14.5logM+23 Surface M (lb/ft^2)	Thickness (in)	TL (db)
5	Etc.	30	<u> </u>	Thickness (in) 0.5	TL (db)
Surrounds, Fences, Material	Etc.	30 0	Surface M (lb/ft^2)	0.5	TL (db)
Surrounds, Fences, Material Cedar	Etc.		Surface M (lb/ft^2) 1.3	0.5	TL (db) -24.



ARCHITECTURAL SITE PLAN SCALE: 1/8" = 1'-0"

SITE PLAN LEG	END	
	AREA OF ADDITION	WINDWARD
	AREA OF REMODEL	design services, llc
	AREA OF OPEN YARD	moving forward
AD	AREA DRAIN	1825 STATE STREET, STE 102
BP		SANTA BARBARA,CA 93101 T: 805.845.6601
	BALL VALVE BIO RETENTION BASIN	E: INFO@WINDWARDENG.COM
BRI	BIO RETENTION INVERT	LA FLECHA LANE
BRO	BIO RETENTION OVERFLOW	REMODEL & ADDITION
СВ	CATCH BASIN	36 LA FLECHA LANE
	CHANNEL/TRENCH DRAIN	SANTA BARBARA, CA 93105
СО	CLEANOUT	PROJECT NO: 4545
	CMU	CLIENT
	CUT DECOMPOSED GRANITE	LAUREN HUDSPETH 36 LA FLECHA LANE
	DECK DRAIN	SANTA BARBARA, CA 93105
	DEMOLISH	G001 GENERAL G006 PHOTO SURVEY
	DETENTION ZONE (DZ)	A001 RESIDENTIAL NOTES
DZI	DETENTION ZONE INVERT	A101 SITE PLAN
DS	DOWNSPOUT	A102 DRIVEWAY PLAN DETAIL
-	DRAINAGE SLOPE	A103 DEMO PLAN
\sim	DRIP IRRIGATION TEASEMENT	A104 FLOOR PLAN A201 (E) ELEVATIONS
	EASEMENT ELECTRIC METER	A202 (P) ELEVATIONS
EM	ELEVATION (DEMO)	A301 SECTIONS
` - XXX	ELEVATION (E)	A501 ARCH DETAILS
<u> </u>	ELEVATION (N)	A601 SCHEDULES
	ELECTRIC/PHONE/CATV	
	EXCAVATE & COMPACT (E&C)	
EX	EXCAVATION DEPTH	
9000000 FR 12.0 900000906	FIBER ROLL	
+ +	FINISHED FLOOR ELEVATION	
FF	FINISHED GRADE ELEVATION	
FG	FIRE HYDRANT	
FH	FREEBOARD	
FB	GAS METER	
GM	GAS PIPE	
G GV	GROUND VAULT	
HH	HANDHOLE	
	LIMIT OF DISTURBED AREA OVERFLOW INVERT	
OVRI	OVERHEAD WIRES	
OVRHD	PAVER	
	PER ARCH PLAN	
PAP	PER LANDSCAPE PLAN	
PLP		
PI		
PI	POWER POLE	
PI PP 		
PP	POWER POLE PROPERTY LINE	
<u>ም</u> የ	POWER POLE PROPERTY LINE REDUCED PRESSURE	
₽ ₽ 	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW	
₽ ₽ 	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION	
P P RP RPBP	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING	
P	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING	
P	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING	
P P RP RPBP RC RG	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK	
P	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE	
P RP RPBP RC RG SMH	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY	
P RP RPBP RC RG SMH	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE	
P RP RPBP RC RC RG SMH - SS 4.00 SV	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK	
P RP RPBP RC RC RG SMH - SS 4.00 SV SLT	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT	
P RP RPBP RC RC RG SMH - SS 4.00 SV SLT SI	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E)	
P RP RPBP RC RC RG SMH SSV SV SLT SI SE XXX	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT	
P RP RPBP RC RG SMH SSU SV SLT SI SE XXX SE XXX	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF REATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (N)	
P RP RPBP RC RC RG SMH SSV SV SLT SI SE XXX	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) STORM DRAIN MANHOLE	PUBLISHED: 5/19/22 4:11 PM
P RP RPBP RC RC RG SMH SS 4.00 SV SU SI SE XXX SE XXX SDMH	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E)	DATES
P RP RPBP RC RC RG SMH SS 4.00 SV SV SU SU SI SE XXX SE XXX SDMH SW 4.00	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (N) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB	
P RP RPBP RC RC RG SMH SS 4.00 SV SU SU SI SE XXX SE XXX SDMH SW 4.00	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (N) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF DECK	DATES
P RP RPBP RC RC RG SMH SS 4.00 SV SV SU SU SI SE XXX SE XXX SDMH SV SU SI SE XXX SE XXX SDMH SW 4.00 SU SU SU SU SE XXX	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF REATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB	DATES
P RP RPBP RC RC RG SMH SS 4.00 SV SV SV SU SU SU SI SE XXX SDMH SW 4.00 SW 4.00 SU SU SU SE XXX SE XXX SE XXX SE XXX SE XXX SU SU SE XXX	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (N) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF FENCE TOP OF GRATE	DATES
P RP RPBP RC RC RG SMH SS H.00 SV SS H.00 SV SS H.00 SV SS H.00 SV SU	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF REATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB	DATES 3/29/2022 INITIAL
P RP RPBP RC RG SMH SS 4.00 SV SU	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF REATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF FENCE TOP OF GRATE TOP OF GRATE TOP OF GRATE	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS
P RP RPBP RC RC RG SMH SS 4.00 SV SS 5.0 SU SS SU SE XXX SDMH SV 4.00 SU	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORMWATER (E) STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF DECK TOP OF FENCE TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF WALL	DATES 3/29/2022 INITIAL SCALE AS NOTED
P RP RPBP RC RG SMH SS 4.00 SV SU	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF FENCE TOP OF FENCE TOP OF GRATE TOP OF GRATE TOP OF WALL UPPER DOWNSPOUT	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET
P RP RPBP RC RC RG SMH SS 4.00 SV SS 4.00 SV SS 4.00 SV SU	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF FENCE TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET SITE PLAN
P RP RPBP RC RC RG SMH SS 4.00 SV SS 4.00 SV SS 4.00 SV SWH SS 4.00 SV SS 4.00 SV SU	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) SPOT ELEVATION (N) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF DECK TOP OF DECK TOP OF FENCE TOP OF FENCE TOP OF FENCE TOP OF GRATE TOP OF PAVEMENT (CONC, ETC) TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE WATER SUPPLY PIPE HOT	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET
P RP RPBP RC RC RG SMH SS 4.00 SV SS 4.00 SV SU SU </td <td>POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF DECK TOP OF FENCE TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE WATER SUPPLY PIPE COLD</td> <td>DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET SITE PLAN</td>	POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF DECK TOP OF FENCE TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE WATER SUPPLY PIPE COLD	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET SITE PLAN

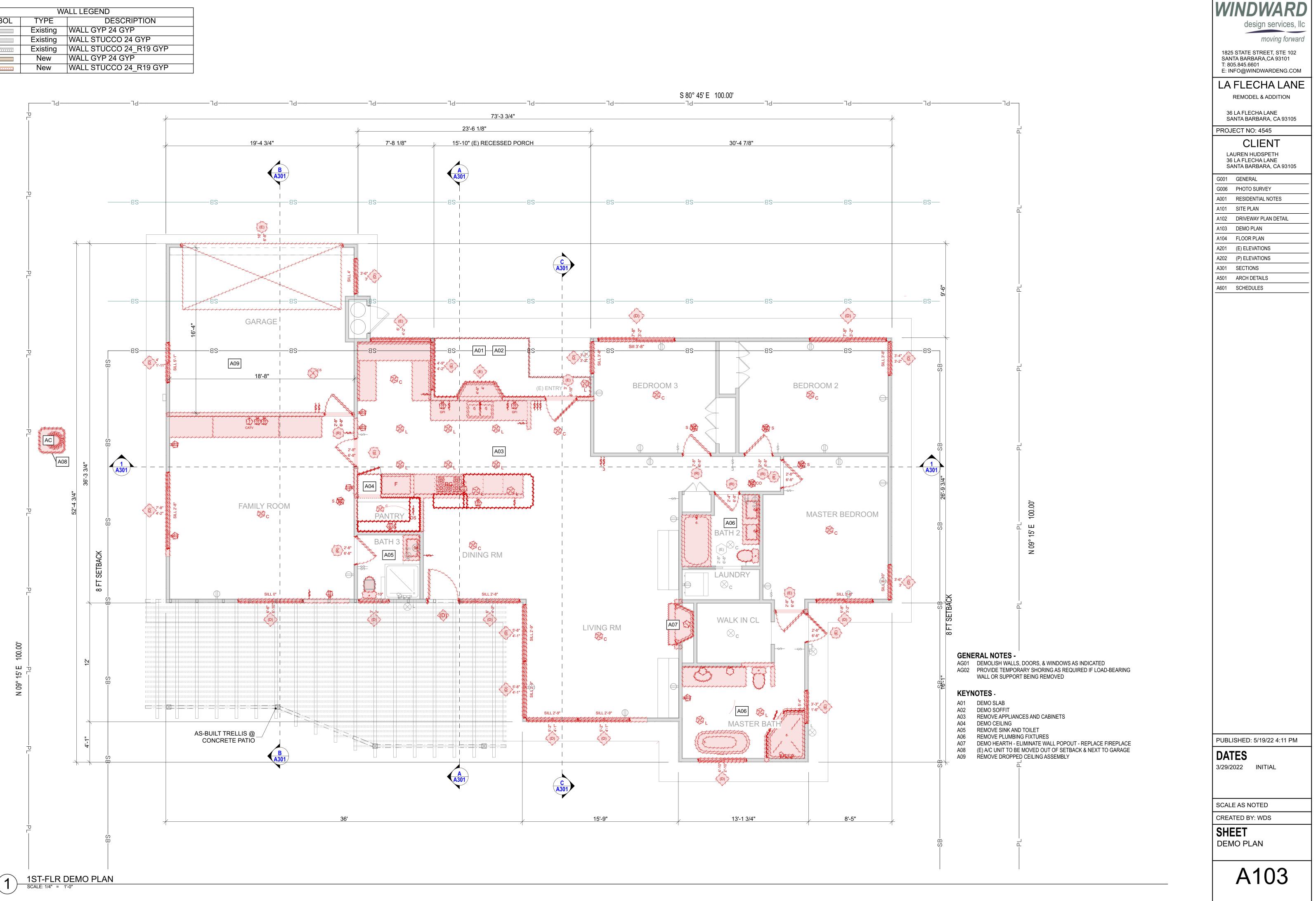
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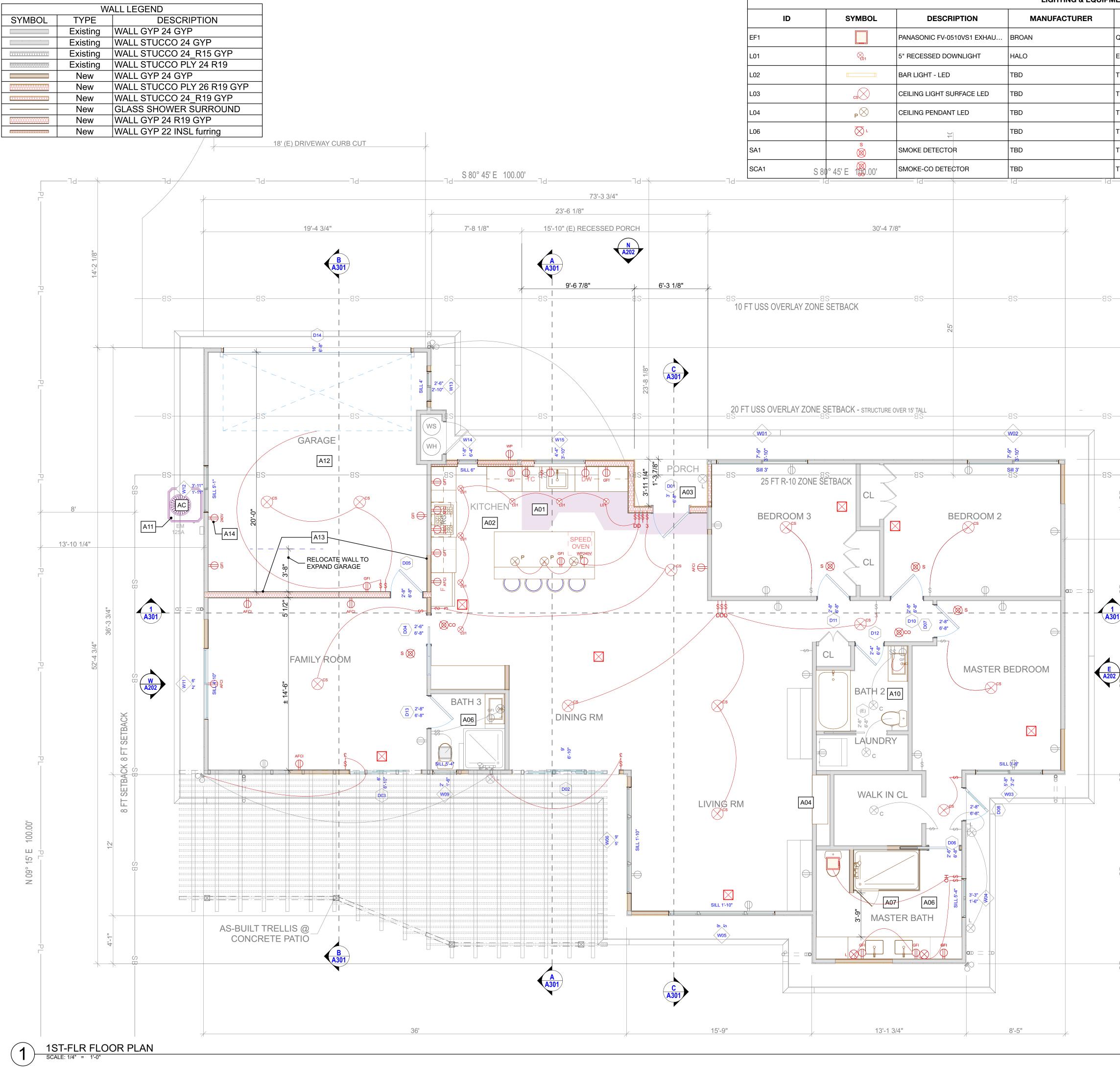


DRIVEWAY PLAN DETAIL SCALE: 1/4" = 1'-0"

SITE PLAN LEG	GEND	
	AREA OF ADDITION	WINDWARD
	AREA OF REMODEL	design services, llc
	AREA OF OPEN YARD	moving forward
AD	AREA DRAIN	
BP	BACKFLOW PREVENTION	1825 STATE STREET, STE 102 SANTA BARBARA,CA 93101
BV	BALL VALVE	T: 805.845.6601 E: INFO@WINDWARDENG.COM
	BIO RETENTION BASIN	
BRI	BIO RETENTION INVERT	LA FLECHA LANE
BRO	BIO RETENTION OVERFLOW	REMODEL & ADDITION
СВ	CATCH BASIN	36 LA FLECHA LANE
	CHANNEL/TRENCH DRAIN	SANTA BARBARA, CA 93105
CO	CLEANOUT	PROJECT NO: 4545
	CMU CUT	CLIENT
<u> </u>	DECOMPOSED GRANITE	LAUREN HUDSPETH 36 LA FLECHA LANE
	DECK DRAIN	SANTA BARBARA, CA 93105
	DEMOLISH	G001 GENERAL
	DETENTION ZONE (DZ)	G006 PHOTO SURVEY
DZI	DETENTION ZONE INVERT	A001 RESIDENTIAL NOTES
	DOWNSPOUT	A101 SITE PLAN
	DRAINAGE SLOPE	A102 DRIVEWAY PLAN DETAIL
·	DRIP IRRIGATION	A103 DEMO PLAN A104 FLOOR PLAN
	EASEMENT	A104 FLOOR PLAN A201 (E) ELEVATIONS
EM	ELECTRIC METER	A202 (P) ELEVATIONS
` - XXX	ELEVATION (DEMO)	A301 SECTIONS
	ELEVATION (E)	A501 ARCH DETAILS
XXX		A601 SCHEDULES
<u> </u>	EXCAVATE & COMPACT (E&C)	
EX	EXCAVATION DEPTH	
99999992 FR 12.0 9999999999		
+ +		
FF	FINISHED GRADE ELEVATION	
FG	FIRE HYDRANT	
FH	FREEBOARD	
FB	GAS METER	
GM	GAS PIPE	
G	GROUND VAULT	
GV	HANDHOLE	
НН	LANDSCAPE	
	LIMIT OF DISTURBED AREA	
LOD	OVERFLOW INVERT	
OVRI	OVERHEAD WIRES	
OVRI OVRHD	OVERHEAD WIRES PAVER	
	OVERHEAD WIRES	
OVRHD	OVERHEAD WIRES PAVER PER ARCH PLAN	
OVRHD PAP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN	
OVRHD PAP PLP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT	
OVRHD PAP PLP PI	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE	
OVRHD PAP PLP PI PP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE	
OVRHD PAP PLP PI PI	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE	
OVRHD PAP PLP PI PI RP RPBP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN	
OVRHD PAP PLP PI PI RP RP RPBP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION	
OVRHD PAP PLP PI PI RP RPBP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING	
OVRHD PAP PLP PI PI RP RP RPBP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING	
OVRHD PAP PLP PI PI RP RP RPBP	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK	
OVRHD PAP PLP PI PP PI RPBP RPBP RC RG	OVERHEAD WIRES PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING	
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OVRHD PAP PLP PI PI RP RP RP RP RP RP RP RP RP RP SMH SMH SS 4.00	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY	
OVRHD PAP PLP PI PI RP RP RPBP RC RG RG SMH	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF REATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE	
OVRHD PAP PLP PI PI RP RP RP RP RP RP RP RP RP RP SMH SMH SS 4.00	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK	
OVRHD PAP PLP PI PI RPP RPP RPBP RC RG RG RG SMH SS 4.00 SV	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE	
OVRHD PAP PLP PI PI RPP RPP RPBP RC RG RG RG SMH SS 4.00 SV	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT	
OVRHD PAP PLP PI PP PI RP RP RP RP RC RG SMH SS 4.00 SV SV SV	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT	
OVRHD PAP PLP PI PI RP RP RP RP RP RP RP SMH SI	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) STORM DRAIN MANHOLE	
OVRHD PAP PLP PI PP PI RPP RPP RPBP RC RG SMH SS 4.00 SV SV SI SE XXX	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (R) STORM DRAIN MANHOLE	
OVRHD PAP PLP PI PI RPP RPP RPP RPBP RC RG SMH SS 4.00 SV SS 4.00 SV SS 4.00 SV SS 4.00 SV	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (R) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N)	
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OVRHD PAP PLP PI PI RPP RPP RPP RPP SI SI SS 4.00 SV SS 4.00 SV SI SE XXX SE XXX SE XXX SE XXX SE XXX	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) SUBGRADE	
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OVRHD PAP PLP PI PI PI RPP RPP RPBP RC RG RG RG SS SS SS SS SS SS SS SS SS SS SS SS SS	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (N) STORM DRAIN MANHOLE STORMWATER (E) SUBGRADE TOP OF CURB TOP OF DECK TOP OF FENCE	DATES
OVRHD PAP PLP PI PI RPD RPD RC RC RG RG SS SS SS SS SS SS SS SS SS SS SS SS SS	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (N) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF GRATE	DATES 3/29/2022 INITIAL
OVRHD PAP PLP PI PI RP RP RP RP RP RP RP RP RP RP RP RP RP	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SELF TREATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (R) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF DECK TOP OF FENCE TOP OF FENCE TOP OF FAVEMENT (CONC, ETC)	DATES 3/29/2022 INITIAL SCALE AS NOTED
OVRHD PAP PLP PI PI RPBP RPBP RC RG RG SC RG SC SMH SS 4.00 SMH SS 4.00 SV SV SS 4.00 SV SV SV SV SV SV SV SV SV SV SV SV SV	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF RETAINING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (N) SUBGRADE TOP OF CURB TOP OF DECK TOP OF FENCE TOP OF GRATE TOP OF PAVEMENT (CONC, ETC) TOP OF WALL	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS
OVRHD PAP PLP PI PI RPD RPD RPD RC RC RG RG SV SS 4.00 SW SS 4.00 SV SV SS 4.00 SV SV SS 4.00 SV SV SV SV SV SV SV SV SV SV SV SV SV	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF RETAINING SELF REATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (E) SUBGRADE TOP OF CURB TOP OF DECK TOP OF GRATE TOP OF GRATE TOP OF GRATE TOP OF PAVEMENT (CONC, ETC) TOP OF WALL UPPER DOWNSPOUT	DATES 3/29/2022 INITIAL SCALE AS NOTED
OVRHD PAP PLP PI PP PI RPB RPBP RC RG RG SMH SS 4.00 SV SU SU SU SU SU SU SU SU SU SU	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (N) STORM DRAIN MANHOLE STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF GRAIE TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET DRIVEWAY PLAN
OVRHD PAP PLP PI PI (PP) (PP) (RC) RG (RC) RG (RC) RG (RC) RG (RC) RG (RC)	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF RETAINING SELF REATING SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORM WATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF DECK TOP OF FENCE TOP OF FENCE TOP OF PAVEMENT (CONC, ETC) TOP OF WALL UPPER DOWNSPOUT UNERS NOTED OTHERWISE WATER METER	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET
OVRHD PAP PLP PI PP PI RPB RPBP RC RG RG SMH SS 4.00 SV SU SU SU SU SU SU SU SU SU SU	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORMWATER (E) STORMWATER (E) STORMWATER (R) SUBGRADE TOP OF CURB TOP OF CURB TOP OF DECK TOP OF PAVEMENT (CONC, ETC) TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE WATER SUPPLY PIPE COLD	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET DRIVEWAY PLAN DETAIL
OVRHD PAP PLP PI PI (PP) PI (RP) (RC) RG (RC) RG (RC) RG (RC) RG (RC) RG (RC) RG (RC) (R	OVERHEAD WIRES PAVER PAVER PAVER PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF RETAINING SELF RETAINING SELF REATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (R) STORM DRAIN MANHOLE STORMWATER (R) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF FENCE TOP OF FROCE TOP OF CURB TOP OF CURB TOP OF FROCE TOP OF CURB TOP OF CURB TOP OF PAVEMENT (CONC, ETC) TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE WATER METER WATER SUPPLY PIPE HOT WALL HEIGHT	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET DRIVEWAY PLAN
OVRHD PAP PLP PI PI RP RP RP RP RP RP RP RC RG RG SU SU SU SU SU SU SU SU SU SU	OVERHEAD WIRES PAVER PAVER PER ARCH PLAN PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF TREATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (E) SPOT ELEVATION (E) STORMWATER (E) STORMWATER (E) STORMWATER (E) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF CURB TOP OF DECK TOP OF PAVEMENT (CONC, ETC) TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE WATER SUPPLY PIPE COLD	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET DRIVEWAY PLAN DETAIL
OVRHD PAP PLP PI PI RP RP RP RP RP RC RG RG SMH SS 4.00 SV SV SV SV SV SV SV SV SV SV	OVERHEAD WIRES PAVER PAVER PAVER PER LANDSCAPE PLAN PIPE INVERT POWER POLE PROPERTY LINE REDUCED PRESSURE REDUCED PRESSURE / BACKFLOW RIP-RAP TO PREVENT EROSION ROOF CHAIN ROUGH GRADE ELEVATION SELF RETAINING SELF RETAINING SELF RETAINING SELF RETAINING SELF REATING SETBACK SEWER MANHOLE SEWER SANITARY SHUTOFF VALVE SIDEWALK SILT FENCE SLOPE OF GRADE 5% MIN FOR 10-FT SPILLWAY INVERT SPOT ELEVATION (R) STORM DRAIN MANHOLE STORMWATER (R) STORMWATER (N) SUBGRADE TOP OF CURB TOP OF FENCE TOP OF FROCE TOP OF CURB TOP OF CURB TOP OF FROCE TOP OF CURB TOP OF CURB TOP OF PAVEMENT (CONC, ETC) TOP OF WALL UPPER DOWNSPOUT UNLESS NOTED OTHERWISE WATER METER WATER SUPPLY PIPE HOT WALL HEIGHT	DATES 3/29/2022 INITIAL SCALE AS NOTED CREATED BY: WDS SHEET DRIVEWAY PLAN DETAIL

WALL LEGEND						
SYMBOL TYPE DESCRIPTION						
ITPE						
Existina	WALL GYP 24 GYP					
)						
Existing	WALL STUCCO 24 GYP					
Existing	WALL STUCCO 24 R19 GYP					
9						
New	WALL GYP 24 GYP					
New	WALL STUCCO 24_R19 GYP					
	TYPE Existing Existing Existing New					





			LIGHTING & EQUIPM	IENT SCHEDULE						
ID	SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	QTY	v	AMP	ĸw	РН	CFM
EF1		PANASONIC FV-0510VS1 EXHAU	BROAN	QTXE080	1	120	0.20	0.02	1	80
L01	⊗01	5" RECESSED DOWNLIGHT	HALO	E550ICAT-ML5612930-593WB	7	120	0.15	0.02	1	
L02		BAR LIGHT - LED	TBD	твр	1	120	0.15	0.02	1	
L03	cs	CEILING LIGHT SURFACE LED	TBD	TBD BY CLIENT	12	120	0.30	0.04	1	
L04	P	CEILING PENDANT LED	TBD	TBD BY CLIENT	3		0.00	0.00	0	
L06	Ľ	1	TBD	TBD BY CLIENT	2		0.00	0.00	0	
SA1	s Ø	SMOKE DETECTOR	TBD	твр	4		0.00	0.00	0	
SCA1 S 80	0° 45' E 100.00'	SMOKE-CO DETECTOR	твр	твр	2		0.00	0.00	0	
	d		-]]		•			•		· · · · · ·

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ELECTRICAL LEGEND				
ID	SYMBOL	DESRIPTION	QTY	
EF1		PANASONIC FV-0510VS1 EXHAUST FAN	1	
OUT5	WP240V	OUTLET 240V WEATHERPROOF	1	
REC2		RECEPTACLE AFCI	7	
REC3	GFI	RECEPTACLE GFI	17	
REC4	₩P	RECEPTACLE WEATHERPROOF GFI	1	
S3	2 3	SWITCH 3-WAY	4	
SA1	s Ø	SMOKE DETECTOR	4	
SCA1	⊗ co	SMOKE-CO DETECTOR	2	
SD2	\$\$\$ DDD	SWITCH DIMMER 2 POS	2	
SHO2	\$\$ OH	SWITCH HUMIDISTAT & OCC 2 POS	1	
SWITCH STD	\$	SWITCH STANDARD	6	

12'-10"

GENERAL NOTES -AG01 RESIDENTIAL NOTES PER A001 AG02UNO EXTERIOR FINISHES @ GRADE PER 8-A501-EXTERIOR FINISHESAG03UNO, STUCCO EXTERIOR WALLS TO BE PER 7-A501-EXTERIOR STUCCO @ GRADE AG04 UNO GENERAL ATTIC VENTILATION REQUIREMENTS PER 6-A501-ROOF-ATTIC VENTILATION

KEYNOTES -A01 EXTENT OF (P) ADDITION SHOWN WITH TONE A02 (N) APPLIANCES, PLUMBING FIXTURES AND CABINETS

A03 (N) CONCRETE LANDING WITH 2% SLOPE

REPLACE FIREPLACE UNIT WITH HEARTH HOMES, A04 GAS, COSMO32 FIREPLACE

((N) SINKS, SHOWER, TOILET AND CABINETS A06

(N) VELUX MANUFACTURER, 23 5/8" x 35 7/16" CURVETECH GLASS A07 A10 (N) PLUMBING FIXTURES

(E) A/C UNIT TO BE MOVED OUT OF SETBACK AREA AND NEXT TO GARAGE A11

A12 (N) 5/8" TYPE "X" GWB CEILING IN GARAGE @ 8'-0" HT

A13 WALL FIN TO BE 5/8" TYPE "X" GWB A14 INSTALL ELECTRIC VEHICLE CHARGER

Ν

A301 SECTIONS A501 ARCH DETAILS A601 SCHEDULES

WINDWARD

1825 STATE STREET, STE 102 SANTA BARBARA,CA 93101

E: INFO@WINDWARDENG.COM

LA FLECHA LANE

REMODEL & ADDITION

SANTA BARBARA, CA 93105

CLIENT

36 LA FLECHA LANE SANTA BARBARA, CA 93105

36 LA FLECHA LANE

LAUREN HUDSPETH

PROJECT NO: 4545

G001 GENERAL

A101 SITE PLAN

A103 DEMO PLAN A104 FLOOR PLAN

A201 (E) ELEVATIONS

A202 (P) ELEVATIONS

G006 PHOTO SURVEY

A001 RESIDENTIAL NOTES

A102 DRIVEWAY PLAN DETAIL

T: 805.845.6601

design services, llo

moving forward

PUBLISHED: 5/19/22 4:11 PM

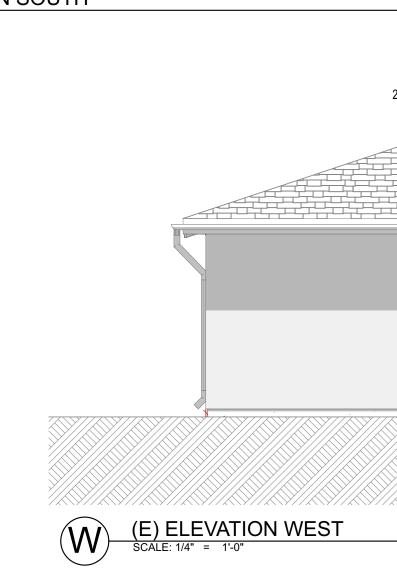
DATES 3/29/2022 INITIAL

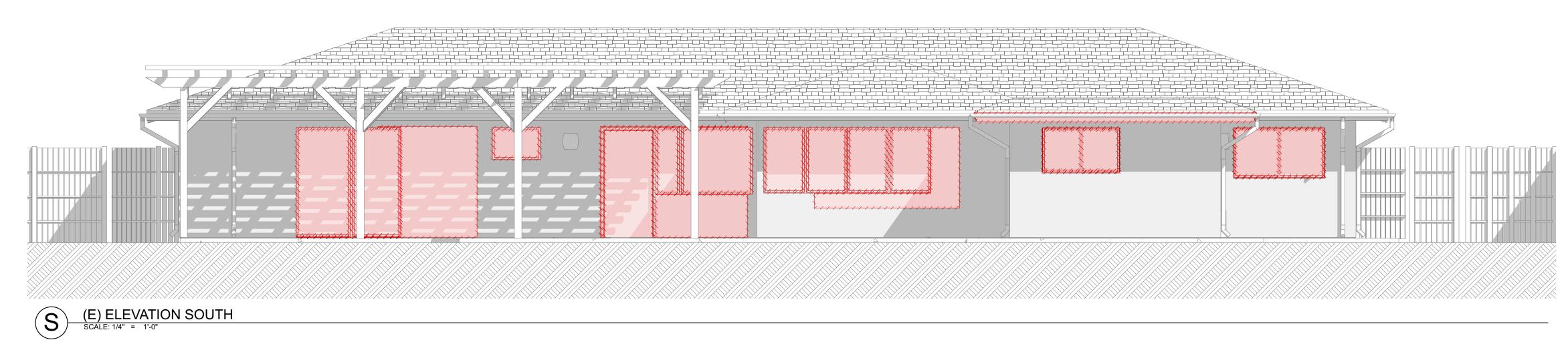
SCALE AS NOTED

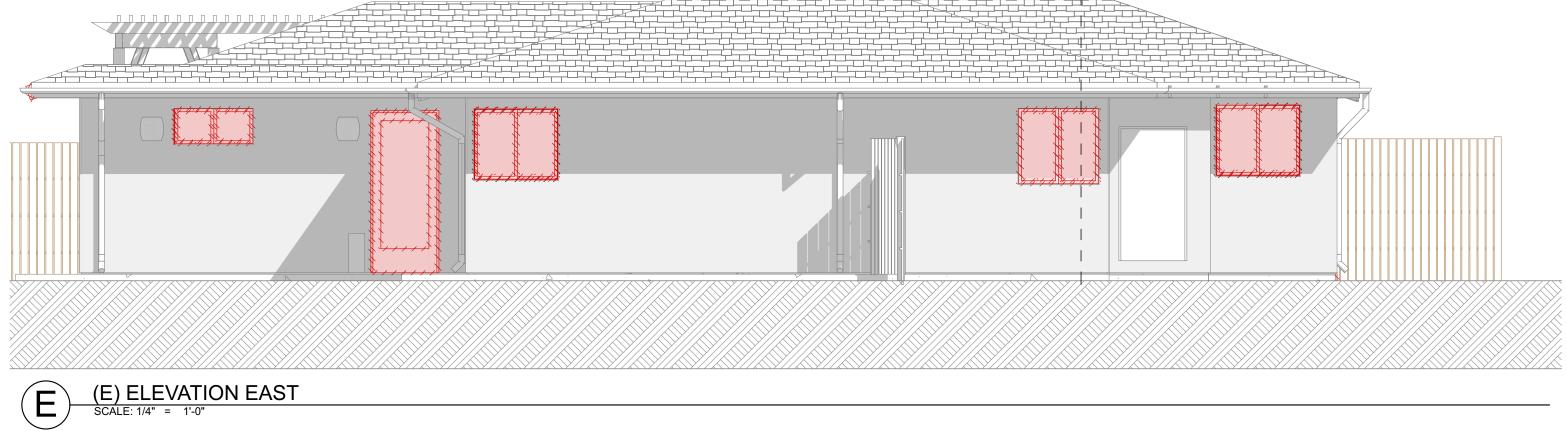
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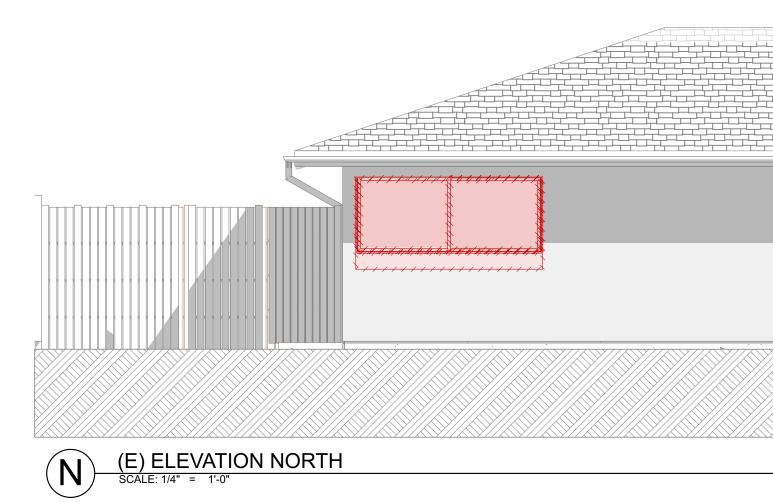
SHEET FLOOR PLAN

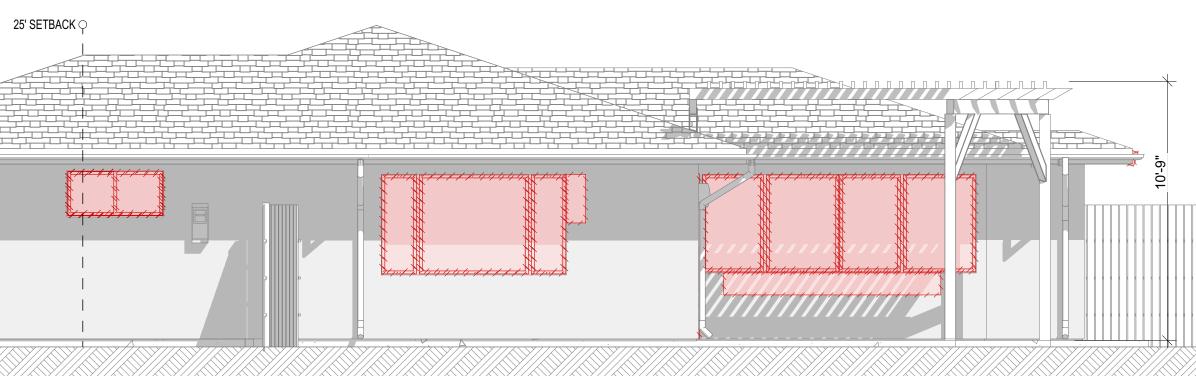


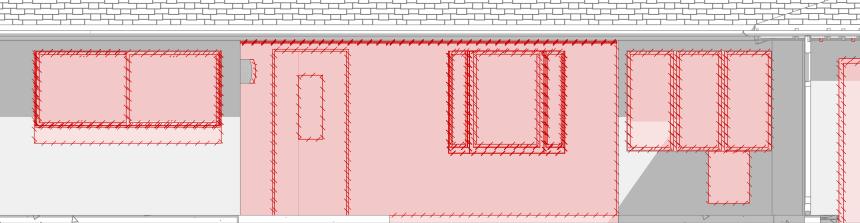


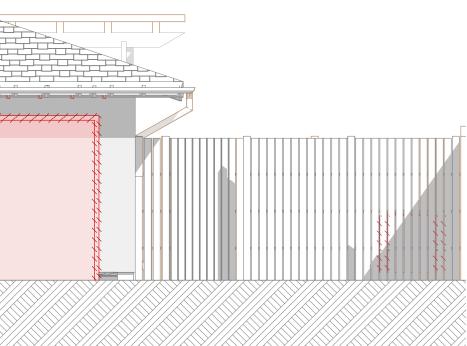














	CLIENT	
36	UREN HUDSPETH LA FLECHA LANE NTA BARBARA, CA 93105	
G001	GENERAL	
G006	PHOTO SURVEY	
A001	RESIDENTIAL NOTES	
A101	SITE PLAN	
A102	DRIVEWAY PLAN DETAIL	
A103	DEMO PLAN	
A104	FLOOR PLAN	
A201	(E) ELEVATIONS	
A202	(P) ELEVATIONS	
A301	SECTIONS	
A501	ARCH DETAILS	
A601	SCHEDULES	

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DATES

SCALE AS NOTED

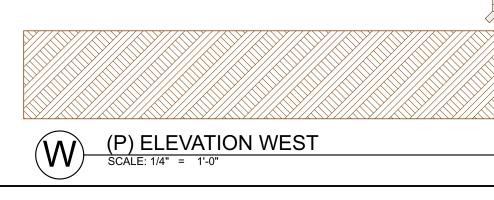
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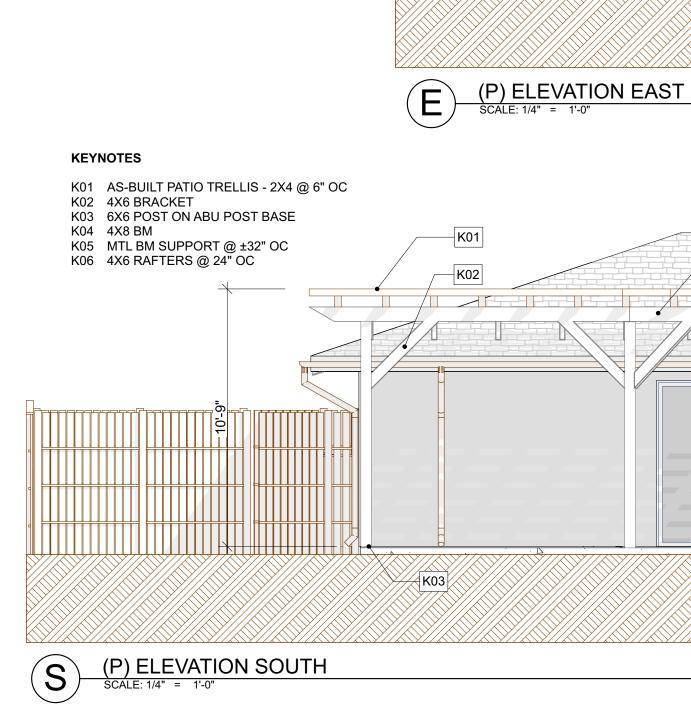
(E) ELEVATIONS

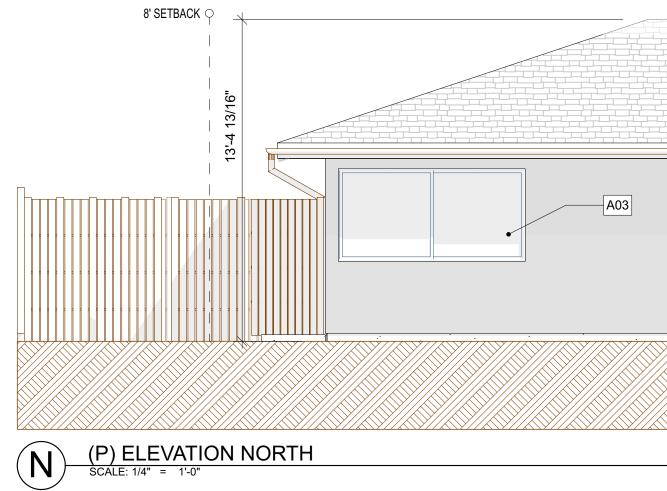
A201

SHEET

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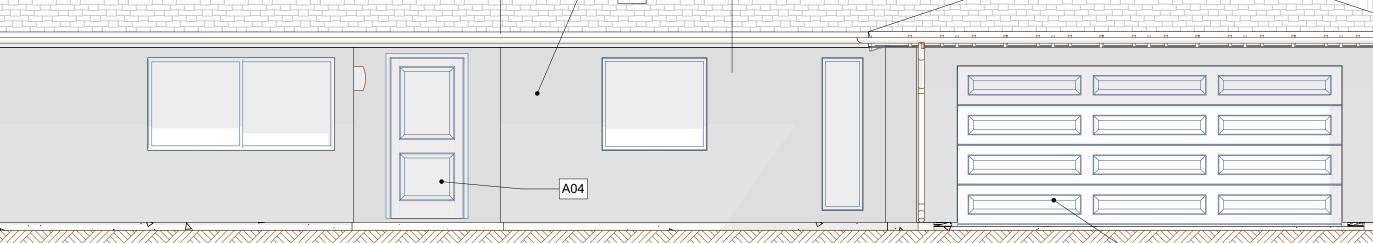






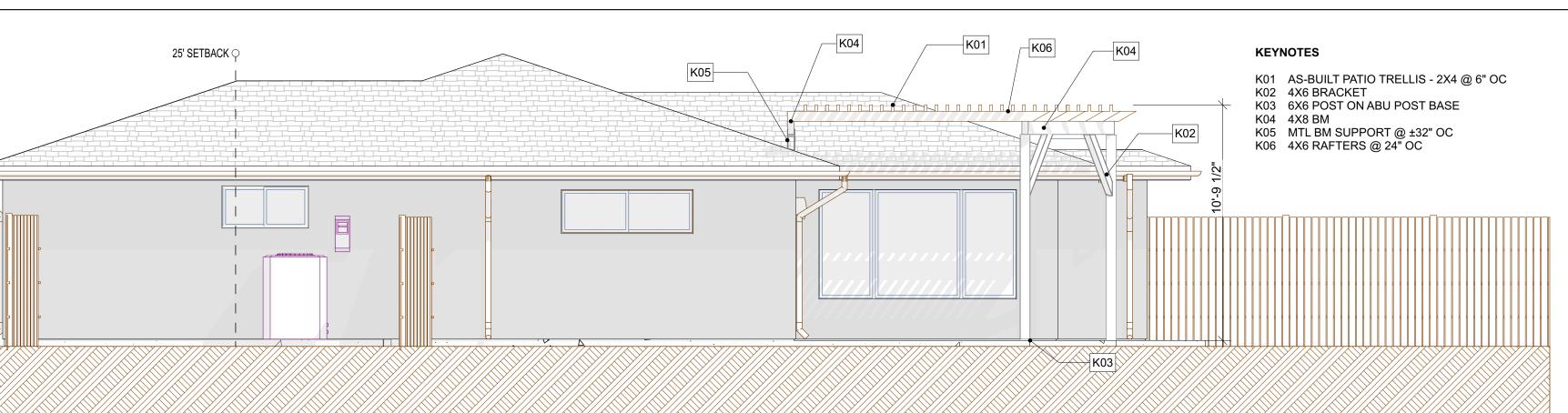
KEYNOTES

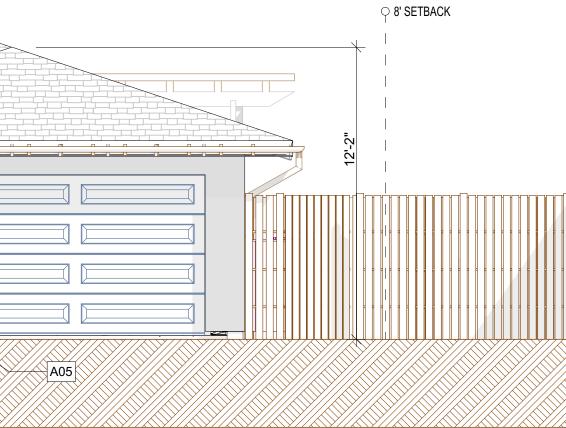
- A01 (E) ASPHALT SHINGLE ROOF
 A02 MATCH (E) STUCCO FINISH
 A03 (P) MARVIN ESSENTIAL FIBERGLASS WINDOWS W/ EBONY FINISH TYP
 A04 (P) ROGUE VALLEY VERTICAL GRAIN DOUGLAS FIR DUTCH DOOR W/ STAIN FIN
 A05 (P) SECTIONAL GARAGE DOOR W/ PAINT FIN 9'-7 7/8" KITCHEN ADDITION WITHIN (E) RECESSED PORCH A01
- A02

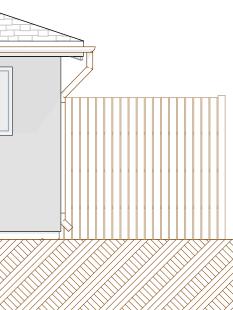


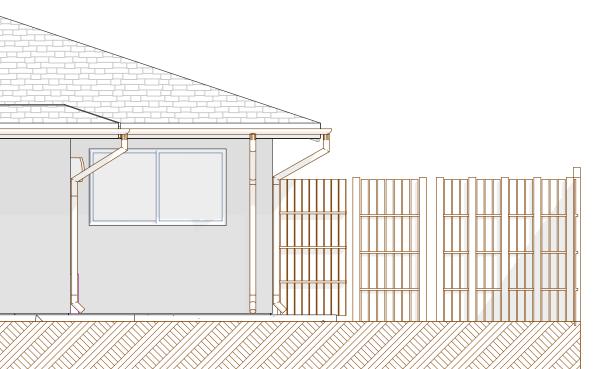
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	K04	K06						
			K05					

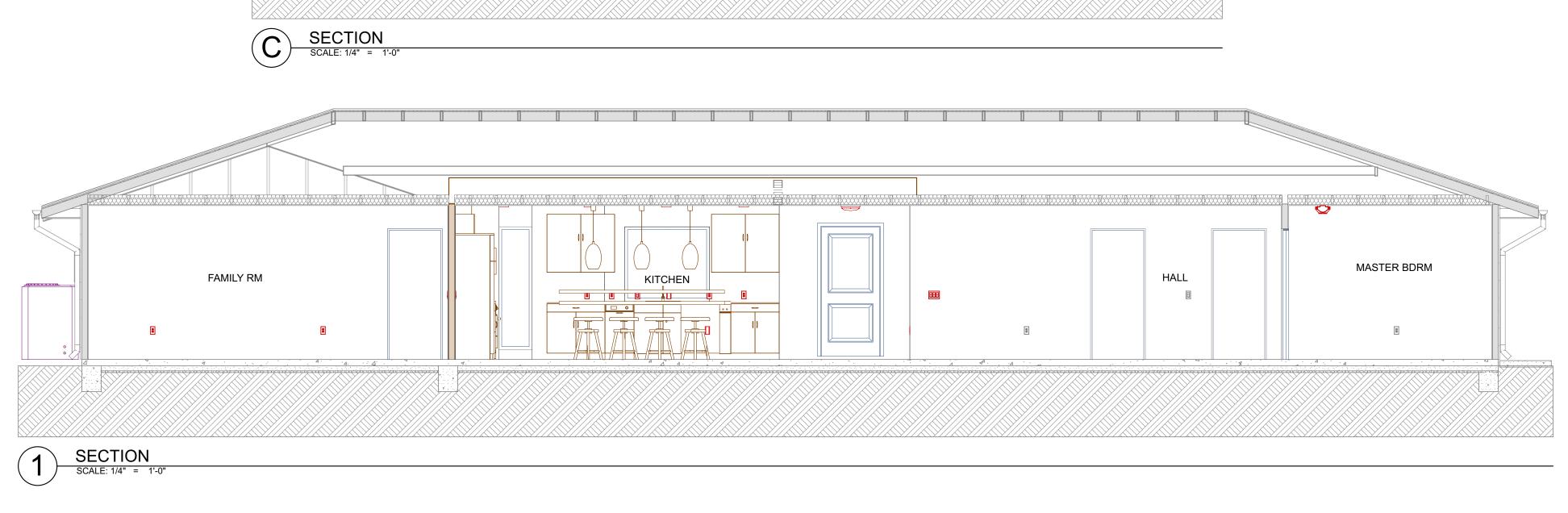


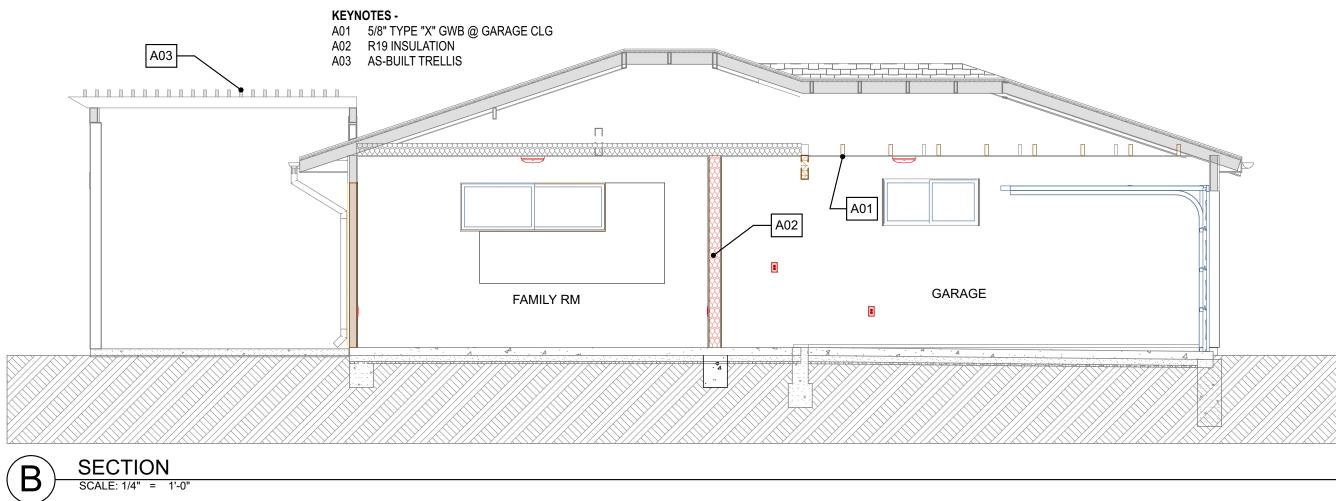


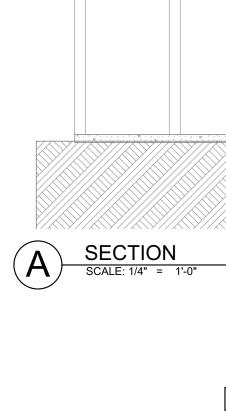


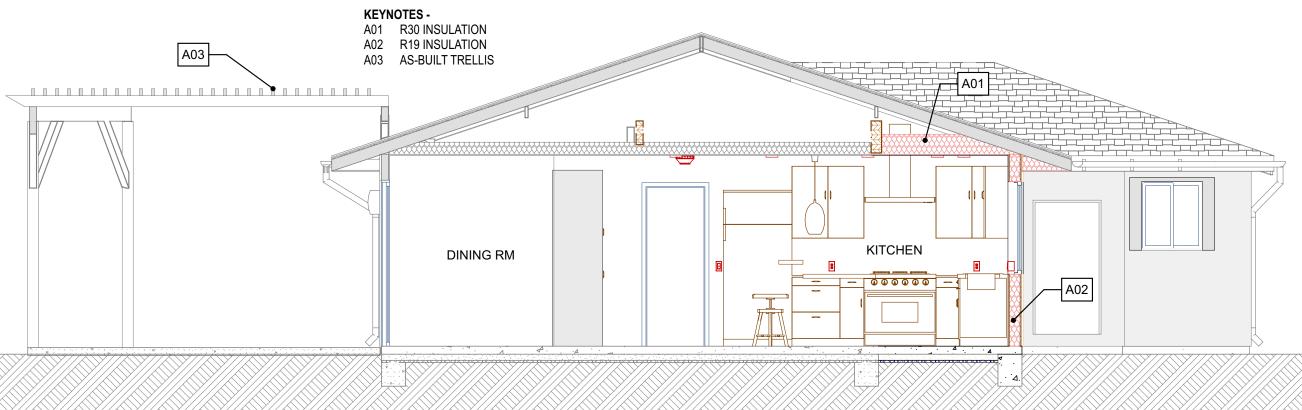


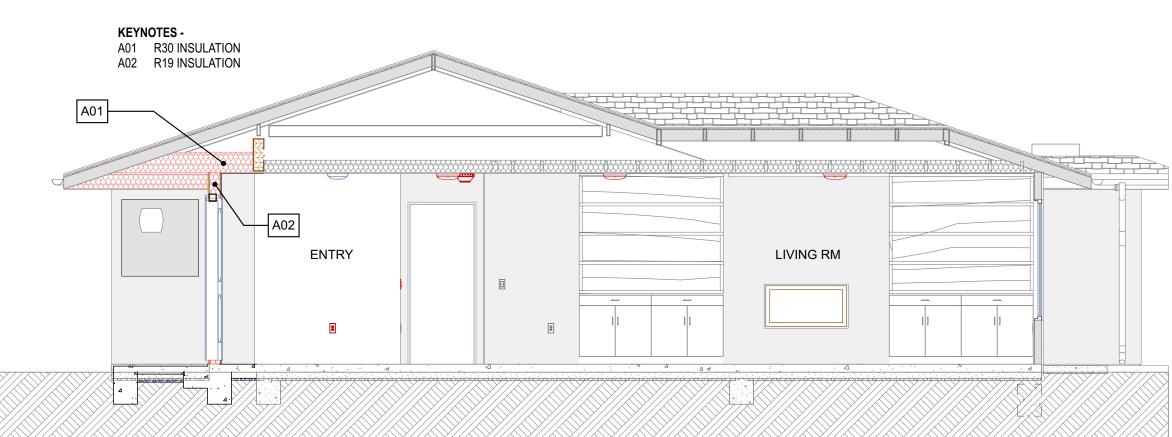
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REMODEL & ADDITION
36 LA FLECHA LANE SANTA BARBARA, CA 93105
PROJECT NO: 4545
CLIENT LAUREN HUDSPETH
36 LA FLECHA LANE SANTA BARBARA, CA 93105
G001 GENERAL
G006 PHOTO SURVEY
A001 RESIDENTIAL NOTES A101 SITE PLAN
A102 DRIVEWAY PLAN DETAIL
A103 DEMO PLAN
A104 FLOOR PLAN A201 (E) ELEVATIONS
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SHEET
(P) ELEVATIONS
A202



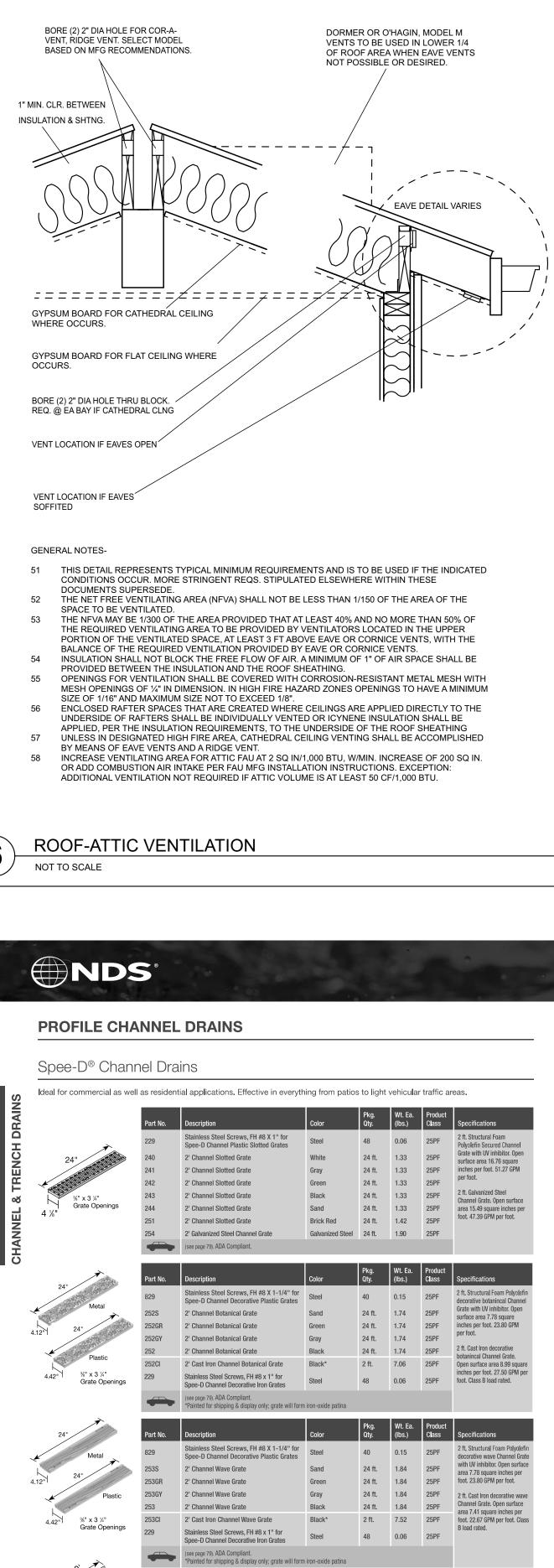


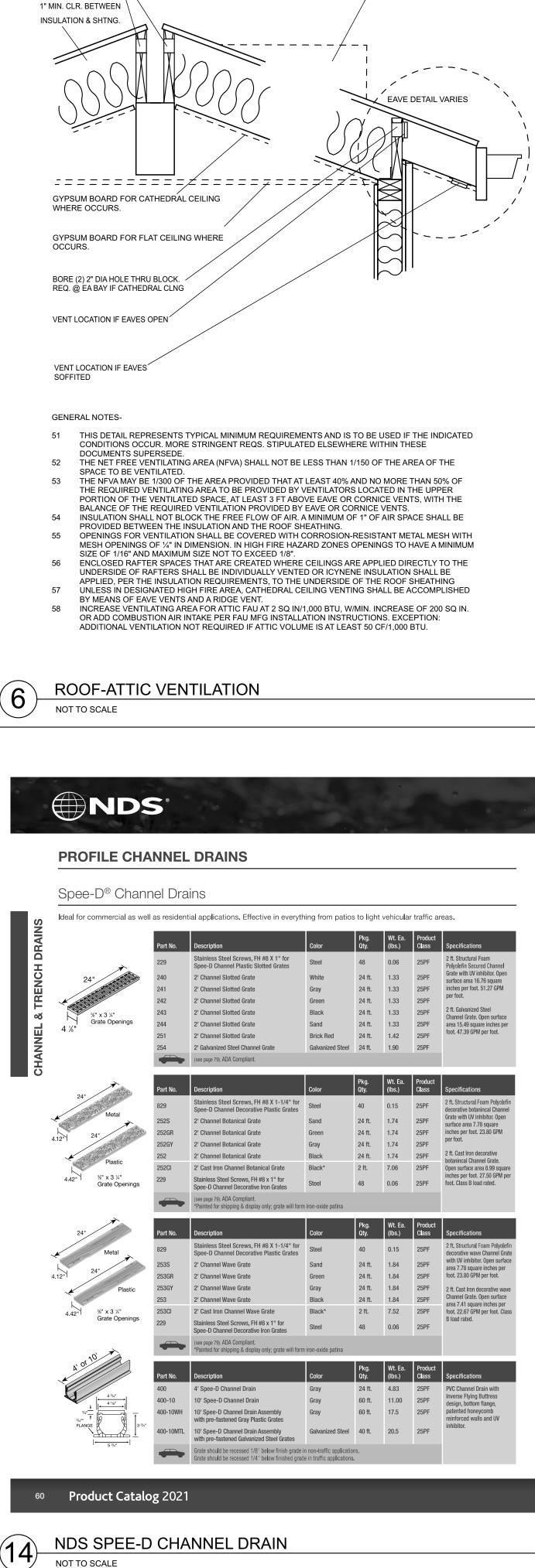




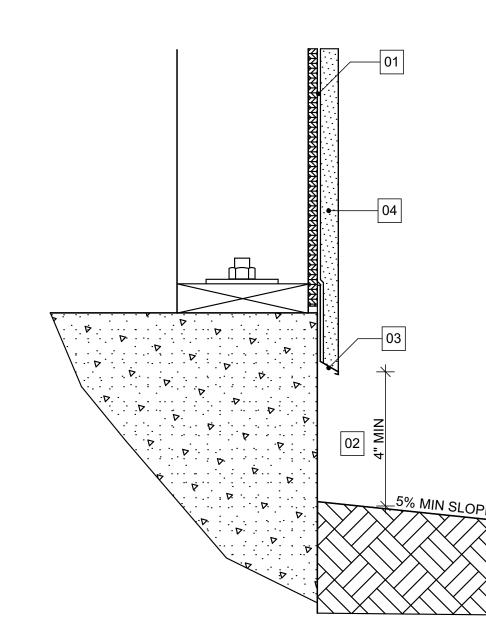


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SCALE AS NOTED CREATED BY: WDS
SHEET
SECTIONS
A301









GENERAL NOTES -

G01 UNLESS NOTED OTHERWISE, ALL MATERIALS TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS

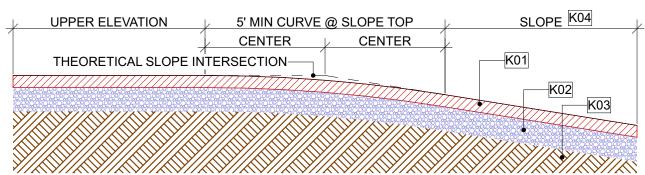
G02 5% SLOPE OF GRADE FOR AT LEAST 10-FT AWAY FROM FOUNDATION

~

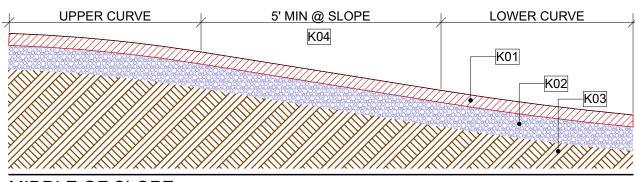
- **KEYNOTES** -

- 01
- UNO, WATER-RESISTIVE BARRIER TO BE TYVEK STUCCOWRAP (OR EQUAL) 4" MIN CLR BETWEEN STUCCO WEEP & GRADE 02
- A CORROSION RESISTANT WEEP SCREED, MADE FROM MIN 26 GA MATERIAL, WITH MIN 3-03 1/2" FLANGE, SHALL BE INSTALLED AT BASE OF STUCCO. WEEP SCREED SHALL HAVE A MIN CLR TO GRADE OF 4"
- 04 UNO, STUCCO FINISH TO BE MIN 7/8" THICK, 3-COAT OVER METAL PLASTER BASE

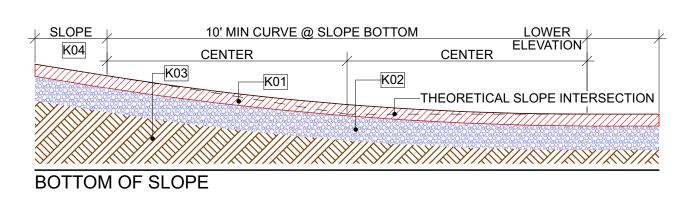
EXTERIOR STUCCO @ GRADE NOT TO SCALE



TOP OF SLOPE



MIDDLE OF SLOPE



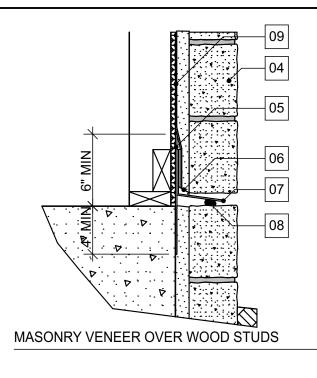
KEYNOTES -

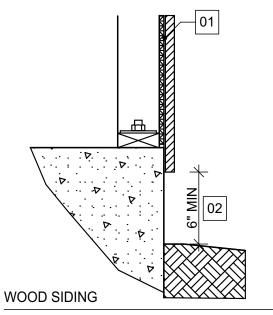
- FINISH SURFACE PER PLAN K01
- K02 BASE PER PLAN K03 SUB-GRADE PER GEOTECHNICAL REPORT
- K04 MAX SLOPE -

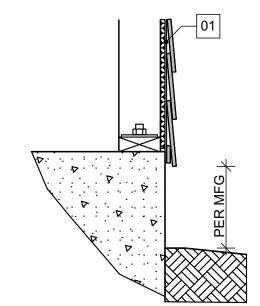
16% FOR 1 & 2 FAMILY RESIDENTIAL. EXCEPTION: 20% ALLOWED IF DISTANCE FROM STREET PAVING TO THE REAR OF STRUCTURE(S) IS LESS THAN 150'. THIS IS MEASURED ALONG THE PATH OF TRAVEL FOR A FIREFIGHTER

12% FOR MULTI-FAMILY & COMMERCIAL WITH "SLOPE" SECTIONS > 65' WITH 16% FOR "SLOPE" SECTIONS UP TO 65'

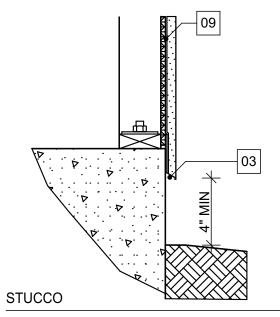








MANUFACTURED SIDING



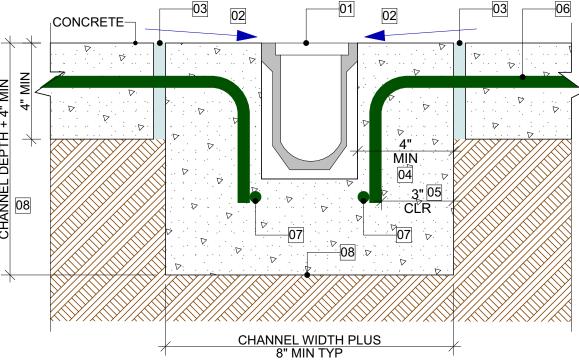
STUCCO 51 UNLESS NOTED OTHERWISE, ALL MATERIALS TO BE INSTALLED PER THE APPLICABLE PROVISIONS OF THESE DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. 52 5% MIN SLOPE OF GRADE FOR AT LEAST 10-FT AWAY FROM FOUNDATION. 2% FOR IMPERVIOUS SURFACES

KEYNOTES -

GENERAL NOTES -

- 01 WATER-RESISTIVE BARRIER PER ARCHITECTURAL SPECIFICATIONS
- 02 6" MIN CLR BETWEEN WOOD SIDING & GRADE. CLEARANCE MAY BE REDUCED IF SIDING, SHEATHING, & LUMBER IS NATURALLY RESISTANT TO DECAY OR TREATED WITH PRESERVATIVE 03 A CORROSION RESISTANT WEEP SCREED, MADE FROM MIN 26 GA MATERIAL, WITH MIN 3-1/2" FLANGE, SHALL BE INSTALL AT BASE OF STUCCO. WEEP SCREED SHALL HAVE A MIN CLR TO GRADE OF 4" OR A 2" MIN CLR TO
- PAVING MASONRY VENEER. INSTALL PER MFG INSTRUCTIONS 04
- SELF-ADHERING FLASHING WITH 4" MIN LAP OF FOUNDATION AND 6" MIN LAP UP WALL SHEATHING 05 06 WEEP SCREED
- GALVANIZED SHEET METAL FLASHING, MIN 24 GA, WITH MIN 3" FLANGE. UNO, SOLDER ALL JOINTS 07 08 BEDDING SEAL
- 09 2-LAYERS OF GRADE D WATER-RESISTIVE BARRIER PER ARCHITECTURAL SPECIFICATIONS 8 **EXTERIOR FINISHES**

NOT TO SCALE



KEYNOTES -

- 01 CHANNEL DRAIN PER PER PLAN
- UNO PER PLAN, SLOPE TO DRAIN @ 1% 02 CONTROL OR COLD JOINT. IF CONTROL JOINT, UNU PER PLAN, MIN 1/4 X SLAB 03
- DEPTH. APPLY SIKAFLEX-1C SL (OR SIMILAR) @ COLD/CONTROL JOINT 4" MIN AROUND CHANNEL DRAIN
- UNO PER PLAN, MIN 3" CLR BETWEEN SOIL @ REINFORCEMENT STEEL 05
- SLAB REINFORCEMENT PER PLAN 06 07
- UNO PER PLAN #4 HORIZONTAL @ EACH SIDE OF CHANNEL DEEPEN FOOTING, WHEN CHANNEL SUBJECTED TO VEHICULAR LOADS, PER 80 STRUCTURAL PLANS

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LA FLECHA LANE

REMODEL & ADDITION

SANTA BARBARA, CA 93105

CLIENT

SANTA BARBARA, CA 93105

36 LA FLECHA LANE

LAUREN HUDSPETH

36 LA FLECHA LANE

PROJECT NO: 4545

G001 GENERAL

A101 SITE PLAN

A103 DEMO PLAN

A104 FLOOR PLAN A201 (E) ELEVATIONS A202 (P) ELEVATIONS

A301 SECTIONS

A501 ARCH DETAILS

A601 SCHEDULES

G006 PHOTO SURVEY

A001 RESIDENTIAL NOTES

A102 DRIVEWAY PLAN DETAIL

T: 805.845.6601

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DATES

3/29/2022 INITIAL

SCALE AS NOTED

CREATED BY: WDS

SHEET

ARCH DETAILS



DOOR SCH	DR SCHEDULE													
ID	ELEVATION	WIDTH	НТ	тнск	QTY	DESCRIPTION	GLZ	TEMP	U-FACTOR	SHGC	HINGES	LOCKSET	COMMENTS	HARDWARE SET
D01		3'	6'-8"		1	PREHUNG ROGUE VALLEY DUTCH DOOR (#4082) TWO (2) FLAT PANELS WITH SQUARE STICKING	NO	NO	NO	NO	HEAVY DUTY SQUARE CORNER MATTE BLACK HINGES	KEYED EXTERIOR	STAIN GRADE VERTICAL GRAIN DOUGLAS FIR	
D02		9'	6'-10"		1	AG MILLWORKS MULTI-SLIDE UNIT (ALUMINUM CLAD EXTERIOR AND PAINT GRADE VERTICAL GRAIN DOUG FIR INTERIOR)	DUAL	YES	0.29	0.22			(3) PANEL ((2) OPERATIONAL PANEL) SLIDER TO SLIDE BACK TOWARD THE DINING ROOM WALL. "VERONA" HANDLE SET IN FLAT BLACK FINISH	
D03		6'	6'-10"		1	AG MILLWORKS MULTI-SLIDE UNIT (ALUMINUM CLAD EXTERIOR AND PAINT GRADE VERTICAL GRAIN DOUG FIR INTERIOR	DUAL	YES	0.29	0.22			(2) PANEL SLIDER. "VERONA" HANDLE SET IN FLAT BLACK FINISH	
D04		2'-6"	6'-8"		1	MARVIN INTERIOR POCKET DOOR. WOOD 1-FLAT PANEL PAINT GRADE MDF SQUARE STICKING SHAKER STYLE; PREHUNG ON 5-1/4" JAMBS.	NO	NO	NO					
D05		2'-8"	6'-8"		1	TM COBB - FIRE-RATED DOOR	NO				SELF-CLOSING	KEYED EXTERIOR		
D06		2'-6"	6'-8"		1	MARVIN ELEVATE INTERIOR POCKET DOOR. BOOK DOOR WITH TRACK AND SOFT OPEN AND CLOSE	NO	NO	NO					
D07		2'-8"	6'-8"		1	TM COBB SP-20					EBONY	PRIVACY		
D08		2'-8"	6'-8"		1	MARVIN ELEVATE. OUTSWING FRENCH DOOR. "EBONY" EXTERIOR COLOR, "DESIGNER BLACK" PAINTED PINE INTERIOR	DUAL	YES	0.28	0.18	EBONY ADJUSTABLE HINGES	KEYED EXTERIOR. MULTI-POINT LOCK	"EBONY" EXTERIOR COLOR, "DESIGNER BLACK" PAINTED PINE INTERIOR. "NORTHFIELD" HANDLE IN MATTE BLACK WITH KEYED HANDLE SET	
D10		2'-8"	6'-8"		1	TM COBB SP-20					EBONY	PRIVACY		
D11		2'-8"	6'-8"		1	TM COBB SP-20					EBONY	PRIVACY		
D12		2'-4"	6'-8"		1	TM COBB SP-20					EBONY	PRIVACY		
D13		2'-8"	6'-8"		1	TM COBB SP-20					EBONY	PRIVACY		
D14		16'	6'-8"		1	SECTIONAL GARAGE DOOR							MAX HEIGHT POSSIBLE UNDER (E) HEADER	

NOTE: THE NFRC THERMAL PERFORMANCE LABELS SHALL REMAIN ON THE WINDOWS AND/OR DOORS UNTIL FINAL INSPECTION

WINDOW SCH	WINDOW SCHEDULE											
ID	ELEVATION	WIDTH	HT	HEAD HT	TYPE	DESCRIPTION	U-FACTOR	SHGC	TEMP	EGRESS	HARDWARE	NOTES
W01		7'-9"	3'-10"	6'-10"	GLIDER TRIPLE SASH	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH.	0.29	0.22		YES	WHITE	
W02		7'-9"	3'-10"	6'-10"	GLIDER TRIPLE SASH	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH.	0.29	0.22		YES	WHITE	
W03		5'-8"	3'-2"	6'-10"	GLIDER	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.29	0.22		YES	WHITE	
W04		3'-3"	1'-6"	6'-10"	GLIDER	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.29	0.22			WHITE	
W05		9'	5'	6'-10"	GLIDER TRIPLE SASH	MARVIN ULTIMATE, EBONY EXTERIOR, EBONY INTERIOR FINISH. TRIPLE SASH GLIDER WITH FIXED CENTER	0.32	0.21	YES		WHITE	
W06		9'	5'	6'-10"	SLIDER GLIDER TRIPLE SASH	MARVIN ULTIMATE, EBONY EXTERIOR, EBONY INTERIOR FINISH. TRIPLE SASH GLIDER WITH FIXED CENTER	0.32	0.21	YES		WHITE	
W09		2'	1'-6"	6'-10"	AWNING	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.28	0.20			WHITE	
W11		6'	2'	6'-10"	GLIDER	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.29	0.22			WHITE	
W12		3'-11"	1'-11"	7'	GLIDER	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.29	0.22	YES		WHITE	
W13		2'-6"	2'-10"	6'-10"	GLIDER	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.29	0.22	YES		WHITE	
W14		1'-8"	6'-4"	6'-10"	FIXED, DIRECT GLAZE RECTANGLE	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.28	0.24	YES		WHITE	
W15		4'-4"	3'-10"	6'-10"	FIXED, DIRECT GLAZE RECTANGLE	MARVIN ESSENTIAL, EBONY EXTERIOR, EBONY INTERIOR FINISH	0.27	0.24			WHITE	

NOTE: THE NFRC THERMAL PERFORMANCE LABELS SHALL REMAIN ON THE WINDOWS AND/OR DOORS UNTIL FINAL INSPECTION

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LA	FLECHA LANE
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A301 A501	ARCH DETAILS
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