NEW MAIN HOUSE / JADU

1279 LAS PALMAS DR SANTA CLARA CA 95051

PROJECT DIRECTORY

OWNER: NAME EMAIL ADDRESS PHONE	: HUNG NGUYEN : hungnguyen_@msn.com :
DESIGNER: NAME/TITLE ADDRESS PHONE	: SUJA ARUN : sujaarun05@gmail.com : +91 9947925299
STRUCTURAL: NAME/TITLE ADDRESS PHONE	: : :
ELECTRICAL: NAME/TITLE ADDRESS PHONE	:



APN MAP



SUBJECT TO REVISION

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SCOPE OF WORK

- 1. EXISTING MAIN HOUSE REMODELING & ADDITION WITH (5) BEDROOM, (5 1/2) BATH,
- KITCHEN, LIVING & DINING (2591 SQFT).
 NEW ATTACHED JADU WITH (1) KITCHEN/ LIVING/DINING/ BED SPACE & (1) BATH (489 SQFT).

PROJECT DATA / DEVELOPMENT INFO

PROJECT ADDRESS	: 1279 LAS PALMAS DR
	SANTA CLARA, CA 95051
ASSESSOR'S PARCEL #	: 290-07-024
LEGAL DESCRIPTION	: TR 915 LOT 48
CONSTRUCTION	: V-B
ZONING	: R1
OCCUPANCY	: SINGLE FAMILY RESIDENTIAL
LOT SIZE	: 6000 SQFT. (0.130 ACRES)
EXISTING LOT COVERAGE	: 26.17%
PROPOSED LOT COVERAGE	: 40.00%
SETBACKS: (SETBACKS REQUIRED IN BRACK	(ETS)
FRONT YARD	: 20'-0"
SIDE YARD	: 5'-7", 5'-0"
REAR YARD	: 20'-0"
HEIGHT MAX. :	: 25'-0" OR DOUBLE STORY
DEFERRED SUBMITTALS:	: NONE
SPRINKLERS	: NO

BUILDING CODES

Applicable Codes:

2022 CALIFORNIA RESIDENTIAL CODE (CRC) 2022 CALIFORNIA BUILDING CODE (CBC) 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN) 2022 CALIFORNIA ELECTRICAL CODE 2022 FIRE CODE 2022CALIFORNIA BUILDING ENERGY EFFICIENT STANDARDS

CLIENT INFORMATION	PROFESSIONAL SEAL		DRAWN BY	(: S.A	SHEET NAME	
HUNG NGUYEN hungnguyen_@msn.com		NEW MAIN HOUSE / JADU	SCALE	: AS NOTED	TITLE SHEET	
STRUCTURAL ENGINEER			DATE	: 2/15/2025		i.
		1279 LAS PALMAS DR	JOB NO.	:		l
		SANTA CLARA, CA 95051	REV.	:	1-01	

1. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE PREMISES AND SHALL BASE HIS BID ON THE EXISTING CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE DRAWING AND THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND FIELD CONDITIONS.

2. THE WORK INCLUDED UNDER THIS CONTRACT SHALL INCLUDE ALL LABOR, MATERIALS, TRANSPORTATION, TOOLS AND EQUIPMENT NECESSARY FOR THE CONSTRUCTION OF THE PROJECT, LEAVING ALL WORK READY FOR USE.

3. PRIOR TO CONSTRUCTION, DISCREPANCIES BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS SHALL BE REPORTED TO THE ARCHITECT.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH THE APPLICABLE UNIFORM BUILDING CODE, HANDICAP ACCESS CODE AND ALL APPLICABLE ORDINANCES, INCLUDING STATE AND LOCAL BUILDING CODES AND REQUIREMENTS.

5. THESE PLANS INDICATE THE GENERAL EXTENT OF DEMOLITION AND NEW CONSTRUCTION NECESSARY FOR THE WORK BUT ARE NOT INTENDED TO BE ALL INCLUSIVE. ALL DEMOLITION AND ALL NEW WORK NECESSARY TO ALLOW FOR A FINISHED JOB IN ACCORDANCE WITH THE INTENTION OF THESE DOCUMENTS SHALL BE INCLUDED REGARDLESS OF WHETHER SHOWN ON THE DRAWINGS OR IN THE NOTES. DO NOT DEMOLISH ANY ITEMS THAT APPEAR STRUCTURAL, UNLESS SPECIFICALLY INDICATED TO BE DEMOLISHED IN THE CONSTRUCTION DOCUMENT, WITHOUT PRIOR REVIEW AND WRITTEN APPROVAL BY THE ARCHITECT.

6. ANY ERRORS, OMISSIONS, AND CONFLICTS FOUND INN THESE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND OWNER FOR CLARIFICATION BEFORE PROCEEDING WITH WORK.

7. ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHALL BE VERIFIED.

8. THE CONTRACTOR SHALL CONFIRM IN WRITING APPROPRIATE ON-SITE DELIVERY DATES FOR ALL CONSTRUCTION ITEMS AS REQUIRED BY THE CONSTRUCTION DOCUMENTS AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY POSSIBLE DELAYS AFFECTING OCCUPANCY.

9. THE CONTRACTOR SHALL PROVIDE A SCHEDULE FOR CONSTRUCTION AS REQUIRED TO MEET THE OWNER'S PHASING REQUIREMENTS AND ULTIMATE COMPLETION DATE. 10. THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN THE LOCATION OF ANY AND ALL MECHANICAL, ELECTRICAL, TELEPHONE, LIGHTING, PLUMBING AND THE FIRE SPRINKLER WORK. (INCLUDING PIPING, DUCTWORK AND CONDUIT), AND THAT ALL CLEARANCES FOR INSTALLATION AND MAINTANENANCE ARE PROVIDED.

11. NO WORK DEFECTIVE IN CONSTRUCTION OR QUALITY OR DEFICIENT IN ANY REQUIREMENT OF THE CONTRACT DOCUMENTS WILL BE ACCEPTABLE IN CONSEQUENCE OF THE OWNER'S OR ARCHITECT'S FAILURE TO DISCOVER OR POINT OUT DEFICIENCIES OR DEFECTS DURING CONSTRUCTION. DEFECTIVE WORK REVEALED WITHIN THE TIME REQUIRED BY GAURANTEES SHALL BE REPLACED BY WORK CONFORMING TO THE INTENT OF THE CONTRACT, NO PAYMENT, EITHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS ACCEPTANCE OF WORK OR IMPROPER MATERIALS.

12. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGES CAUSED BY CONTRACTOR AND SUB-CONTRACTORS.

13. THE CONTRACTOR SHALL REVIEW, APPROVE, STAMP AND SUBMIT WITH REASONABLE PROMPTNESS AND IN SUCH SEQUENCE AS TO CAUSE NO DELAY IN THE WORK, PRODUCT DATA, SHOP DRAWINGS AND SAMPLES FOR THE PROJECT.

14. BY APPROVING, STAMPING AND SUBMITTING SHOP DRAWINGS, PRODUCT DATA AND SAMPLES, THE CONTRACTOR REPRESENTS THAT HE HAS DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS, AND FIELD CONSTRUCTION CRITERIA RELATED THERE TO AND THAT HE HAS CHECKED AND COORDINATED THE INFORMATION WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND CONTRACT DOCUMENTS.

SUBJECT TO REVISION

15. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ANY DEVIATION FORM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT'S REVIEW OF THE HOP DRAWINGS, PRODUCTS DATA OR SAMPLES, UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMISSION AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL OF THE SPECIFIC DEVIATION.

 THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR DIMENSIONS OR QUANTITIES OR REVIEWED SUBMITTALS.
 SUBSTITUTIONS, REVISIONS AND/OR CHANGES MUST HAVE PRIOR WRITTEN APPROVAL BY THE ARCHITECT.

18. THE CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DOCUMENTS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION FOR USE BY ALL TRADES AND SHALL PROVIDE ALL SUBCONTRACTORS WITH CURRENT CONSTRUCTION DOCUMENTS AS REQUIRED.

CLIENT INFORMATION	
HUNG NGUYEN hungnguyen_@msn.com	
STRUCTURAL ENGINEER	

PROFESSIONAL SEAL 19. EACH TRADE SHALL EXAMINE THE PREMISES TO ENSURE THAT CONDITIONS ARE APPROPRIATE FOR HIS WORK TO COMMENCE, PRIOR TO COMMENCING HIS WORK. AREAS NOT APPROPRIATE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. COMMENCING WORK IMPLIES ACCEPTANCE OF EXISTING CONDITIONS.

STANDARD EROSION CONTROL NOTES

1. SEDIMENT CONTROL MANAGEMENT: TRACKING PREVENTION AND CLEAN UP: ACTIVITIES SHALL BE ORGANIZED, AND MEASURES TAKEN AS NEEDED TO PREVENT OR MINIMIZE TRACKING OF SOIL ONTO THE PUBLIC STREET SYSTEM. A GRAVEL OR PROPRIETARY DEVICE CONSTRUCTION ENTRANCE/EXIT IS REQUIRED FOR ALL SITES. CLEAN UP OF TRACKED MATERIAL SHALL BE PROVIDED BY MEANS OF A STREET SWEEPER PRIOR TO AN APPROACHING RAIN EVENT, OR AT LEAST ONCE AT THE END OF EACH WORKDAY THAT MATERIAL IS TRACKED, OR MORE FREQUENTLY AS DETERMINED BY THE COUNTY INSPECTOR. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES B-31 TO B-33) OR LATEST.

STORM DRAIN INLET AND CATCH BASIN INLET PROTECTION: ALL INLETS WITHIN THE VICINITY OF THE PROJECT AND WITHIN THE PROJECT LIMITS SHALL BE PROTECTED WITH GRAVEL BAGS PLACED AROUND INLETS OR OTHER INLET PROTECTION. AT LOCATIONS WHERE EXPOSED SOILS ARE PRESENT, STAKED FIBER ROLES OR STAKED SILT FENCES CAN BE USED. INLET FILTERS ARE NOT ALLOWED DUE TO CLOGGING AND SUBSEQUENT FLOODING. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES B-49 TO B-51) OR LATEST. STORM WATER RUNOFF:

NO STORM RUNOFF SHALL BE ALLOWED TO DRAIN IN TO THE EXISTING AND/OR PROPOSED UNDERGROUND STORM DRAIN OR OTHER ABOVE GROUND WATERCOURSES UNTIL APPROPRIATE EROSION CONTROL MEASURES ARE FULLY INSTALLED. DUST CONTROL:

THE CONTRACTOR SHALL PROVIDE DUST CONTROL IN GRADED AREAS AS REQUIRED BY PROVIDING WET SUPPRESSION OR CHEMICAL STABILIZATION OR EXPOSED SOILS, PROVIDING FOR RAPID CLEAN UP OF SEDIMENTS DEPOSITED ON PAVED ROADS, FURNISHING CONSTRUCTION ROAD ENTRANCES AND VEHICLE WASH DOWN AREAS, AND LIMITING THE AMOUNT OF AREAS DISTURBED BY CLEARING AND EARTH MOVING OPERATIONS BY SCHEDULING THESE ACTIVITIES IN PHASES.

EXCAVATED SOILS SHALL NOT BE PLACED IN STREETS OR ON PAVED AREAS. BORROW AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES (TARPS, STRAW BALES, SILT FENCES ETC) TO ENSURE SILT DOES NOT LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM OR NEIGHBORING WATERCOURSE.

2. EROSION CONTROL: DURING THE RAINY SEASON, ALL DISTURBED AREAS MUST INCLUDE AN EFFECTIVE COMBINATION OF EROSION AD SEDIMENT CONTROL. IT IS REQUIRED THAT TEMPORARY EROSION CONTROL MEASURES ARE APPLIED TO ALL DISTURBED SOIL AREAS PRIOR TO A RAIN EVENT. DURING THE NON-RAINY SEASON, EROSION CONTROL MEASURES MUST BE APPLIED SUFFICIENT TO CONTROL WIND EROSION AT THE SITE.

3. INSPECTION AND MAINTENANCE: DISTURBED AREAS OF THE PROJECTS'S SITE, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND ALL EROSION AND SEDIMENT CONTROLS THAT ARE IDENTIFIED AS PART OF THE EROSION CONTROL PLANS MUST BE INSPECTED BY THE CONTRACTOR BEFORE, DURING, AND AFTER STORM EVENTS, AND AT LEAST WEEKLY DURING SEASONAL WET PERIODS. PROBLEM AREAS SHALL BE IDENTIFIED AND APPROPRIATED ADDITIONAL AND/OR ALTERNATIVE CONTROL MEASURES IMPLEMENTED IMMEDIATELY, WITHIN 24 HOURS OF THE PROBLEM BEING IDENTIFIED.

4. PROJECT COMPLETION: PRIOR TO PROJECT COMPLETION AND SIGNOFF BY THE COUNTY INSPECTOR, ALL DISTURBED AREAS SHALL BE RESEEDED, PLANTED, OR LANDSCAPED TO MINIMIZE THE POTENTIAL FOR EROSION ON THE SUBJECT SITE.

 IT SHALL BE THE OWNER'S/CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND TO KEEP THE ENTIRE SITE IN COMPLIANCE WITH THE EROSION CONTROL PLAN.

6. EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL BE OPERABLE YEAR ROUND OR UNTIL VEGETATION IS FULLY ESTABLISHED ON LANDSCAPED SURFACES.

7. STANDARD BEST MANAGEMENT PRACTICE NOTES

8. SOLID AND DEMOLITION WASTE MANAGEMENT: PROVIDE DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS ON

NEW MAIN HOUSE / JADU

1279 LAS PALMAS DR SANTA CLARA, CA 95051 SITE AWAY FROM STREETS, GUTTERS, STORM DRAINS, AND WATERWAYS, AND ARRANGE FOR REGULAR DISPOSAL. WASTE CONTAINERS MUST BE WATERTIGHT AND COVERED AT ALL TIMES EXCEPT WHEN WASTE IS DEPOSITED. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGE C3) OR LATEST.

9. HAZARDOUS WASTE MANAGEMENT: PROVIDE PROPER HANDLING AND DISPOSAL OF HAZARDOUS WASTES BY A LICENSED HAZARDOUS WASTE MATERIAL HAULER. HAZARDOUS WASTES SHALL BE STORED AND PROPERLY LABELED IN SEALED CONTAINERS CONSTRUCTED OF SUITABLE MATERIALS. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-5 TO C-6) OR LATEST.

10. SPILL PREVENTION AND CONTROL: PROVIDE PROPER STORAGE AREAS FOR LIQUID AND SOLID MATERIALS, INCLUDING CHEMICALS AND HAZARDOUS SUBSTANCES, AWAY FROM STREETS, GUTTERS, STORM DRAINS, AND WATERWAYS. SPILL CONTROL MATERIALS MUST BE KEPT ON SITE WHERE READILY ACCESSIBLE. SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINATED SOIL DISPOSED PROPERLY. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-7 TO C-8, C-13 TO C-14) OR LATEST.

11. VEHICLE AND CONSTRUCTION EQUIPMENT SERVICE AND STORAGE: AN AREA SHALL BE DESIGNATED FOR THE MAINTENANCE, WHERE ON-SITE MAINTENANCE IS REQUIRED, AND STORAGE OF EQUIPMENT THAT IS PROTECTED FROM STORMWATER RUN-ON AND RUNOFF. MEASURES SHALL BE PROVIDED TO CAPTURE ANY WASTE OILS, LUBRICANTS, OR OTHER POTENTIAL POLLUTANTS AND THESE WASTES SHALL BE PROPERLY DISPOSED OF OFFSITE. FUELING AND MAJOR MAINTENANCE/REPAIR, AND WASHING SHALL BE CONDUCTED OFF-SITE WHENEVER FEASIBLE. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-9) OR LATEST.

12. MATERIAL DELIVERY, HANDLING AND STORAGE: IN GENERAL, MATERIALS SHOULD NOT BE STOCKPILED ON SITE WHERE TEMPORARY STOCKPILES ARE NECESSARY AND APPROVED BY THE COUNTY, THEY SHALL BE COVERED WITH SECURED PLASTIC SHEETING OR TARP AND LOCATED IN DESIGNATED AREAS NEAR CONSTRUCTION ENTRANCES AND AWAY FROM DRAINAGE PATHS AND WATERWAYS. BARRIERS SHALL BE PROVIDED AROUND STORAGE AREAS WHERE MATERIALS ARE POTENTIALLY IN CONTACT WITH RUNOFF. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-11 TO C-12) OR LATEST.

13. HANDLING AND DISPOSAL OF CONCRETE AND CEMENT: WHEN CONCRETE TRUCKS AND EQUIPMENT ARE WASHED ON-SITE, CONCRETE WASTEWATER SHALL BE CONTAINED IN DESIGNATED CONTAINERS OR IN A TEMPORARY LINED AND WATERTIGHT PIT WHERE WASTED CONCRETE CAN HARDEN FOR LATER REMOVAL. IF POSSIBLE, HAVE CONCRETE CONTRACTOR REMOVE CONCRETE WASH WATER FORM SITE. I NO CASE SHALL FRESH CONCRETE BE WASHED INTO THE ROAM RIGHT-OF-WAY. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-15 TO C-16) OR LATEST.

14. PAVEMENT CONSTRUCTION MANAGEMENT: PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS FROM PAVING OPERATIONS, USING MEASURES TO PREVENT RUN-ON AND RUNOFF POLLUTIN AND PROPERLY DISPOSING OF WASTES. AVOID PAVING IN THE WET SEASON AND RESCHEDULE PAVING WHEN RAIN IS IN THE FORECAST. RESIDUE FORM SAW-CUTTING SHALL BE VACUMED FOR PROPER DISPOSAL. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-17 TO C-18) OR LATEST.

15. CONTAMINATED SOIL AND WATER MANAGEMENT: INSPECTIONS TO IDENTIFY CONTAMINATED SOILS SHOULD OCCUR PRIOR TO CONSTRUCTION AND AT REGULAR INTERVALS DURING CONSTRUCTION. REMEDIATING CONTAMINATED SOIL SHOULD OCCUR PROMPT AFTER IDENTIFICATION AND BE SPECIFIC TO THE CONTAMINATED IDENTIFIED, WHICH MAY INCLUDE HAZARDOUS WASTE REMOVAL. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-19 TO C-20) OR LATEST.

16. SANITARY/SEPTIC WATER MANAGEMENT: TEMPORARY SANITARY FACILITIES SHOULD BE LOCATED AWAY FROM DRAINAGE PATHS, WATERWAYS, AND TRAFFIC AREAS. ONLY LICENSED SANITARY AND SEPTIC WASTE HAULERS SHOULD BE USED. SECONDARY CONTAINMENT SHOULD BE PROVIDED FOR ALL SANITARY FACILITIES. REFER TO EROSION AND SEDIMENT CONTROL FIELD MANUAL, 4TH EDITION (PAGES C-21) OR LATEST

17. INSPECTION AND MAINTENANCE: AREAS OF MATERIAL AND EQUIPMENT STORAGE SITES AND TEMPORARY SANITARY FACILITIES MUST BE INSPECTED WEEKLY. PROBLEM AREAS SHALL BE IDENTIFIED AND APPROPRIATE ADDITIONAL AND/OR ALTERNATIVE CONTROL MEASURES IMPLEMENTED IMMEDIATELY, WITHIN 24 HOURS OF THE PROBLEM BEING IDENTIFIED.

	DRAWN BY	′ : S.A	SHEET NAME
	SCALE	: AS NOTED	GENERAL NOTES
	DATE	: 2/15/2025	
	JOB NO.	:	
	REV.	:	1-01.1

FLOOR PLAN NOTES

- ALL DOMESTIC HOT WATER PIPING SHALL BE INSULATED. (2022 CPC 609.12.1) PIPES UP TO 2 INCHES IN DIAMETER: INSULATION WALL THICKNESS NOT LESS THAN DIAMETER OF PIPE.
- (2022 CPC 609.12.2) PIPES GREATER THAN 2 INCHES IN DIAMETER: INSULATION WALL THICKNESS NOT LESS THAN 2 INCHES. 2022 CPC 609.12.2)

- C. LEDANNES PER MANDAL. UDB ERQUINEMENTS. INSULATION FOR PINIOR AND TANKE (2022 CEC 105 CG)): A. WATER PINIOR, SOLAR WATER-HEATING SYSTEM PIRING, AND SPACE- CONDITIONING SYSTEM LINE INSULATION THENCENSS AND CONJUCTIVITY. PINIOR SHALL BE INSULATED AS FOLLOWS: a. DOMESTIC HOT WATER PIPING, SEE NOTES ABOVE.
- DUNICIENT NOT WALLEN PERMIS, ALL NOTE ABOUTE: PPINE GOR SPACE-COMMONING SYSTMES, SOLAR WATERHEATER SYSTEM COLLECTOR LOOP, SEE 2022 CEC SECTION 2023 (4). EXCENTION: EXCENTION: ENCENTION: CALE ISSULTATION, DE 4 INCERES OF ATTICE INSULATION SHALL NOT BE REQUIRED TO HAVE PIPE

- ATION. INSULATION PROTECTION PIPE INSULATION SHALL BE PROTECTED FROM DAMAGE DUE TO SUNUGHT, MOGITURE, RQUIPMENT MAINTENANCE AND WIND PROTECTION SHALL, AT MINIMUM, INCLUDE THE FOLLOWING LOZZ CESSECTION 23:00,000 a. PIPE INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED BY A COVER SUITABLE FROM OUTDOOR DAMAGE AND ADDRESS AND A
- SERVICE. THE COVER SHALL BE WATER RETARDANT AND PROVIDES SHIELDING FROM SOLAR RADIATION THAT CAN CAUSE DEGRADATION OF THE MATERIAL ADHESIVE TAPE SHALL NOT BE USED TO PROVIDE
- THIS PROTECTION. PIPE INSULATOR COVERING CHILLED WATER PIPING AND REFRIGERANT SUCTION PIPING LOCATED OUTSIDE THE CONDITIONED SPACE SHALL INCLUDE, OR BE PROTECTED BY, A CLASS I OR CLASS II VAPOR RETARDER, ALL PROTEITATIONS AND DIORTS SHALL BE STALLED. PIPE INSULATION BURIED BLEW GRADE MUST BE INSTALLED. IN A WATER PROOF AND NONCRUSHABLE CASING OR SIZEV.
- CASING OR SLEPVE. VEATHER BARRIERS. A NOT FEWER THAN ON-LAVER WATER-RESISTIVE BARRIER SHALL BE APPUED OVER STUDS OR SHEATHING OF ALL DETERIOR WALLS CONTINUOUS FROM TOP OF WALS AND TEMMINATED AT PENETRATIONS AND BUILDING APPENDAGES WITH FLASHING. MINIMUM ING. JS FELT COMPLYING WITH ASTIN D22G, TYPE 1. B PROVIDE (2) LAVERS OF GRADE D PAPER OR REQUIA: UNEN HASTING INFORMATION SAME DULING SHEATHING. (2022 CR. R203 J.2) D COMESTIC GAMAGE D PAPER OR REQUIA: UNEN HASTING IN SHEATHING (2022 CM. S04 J) C. COTHES OFTEN AND CUTS SHALL HAVE SMOOTH INTERIOR SUBFACES. (2022 CMC. S04 J) C. COTHES DAVER MORTULE CONSULTS SHALL HAVE SMOOTH INTERIOR SUBFACES. (2022 CMC. S04 J) MINEROUS SOFTEN DUCT IS UNITED IN CUTS SHALL HAVE SMOOTH INTERIOR SUBFACES. (2022 CMC. S04 J) IN DECESS OF TWO. MIN. DUC 4: SMOOTH, METAL DUCT, 2022 CMC. S04 J) IN DECESS OF TWO. MIN. DUC4: 4: SMOOTH, METAL DUCT, 2022 CMC. S04 J) IN DECESS OF TWO. MIN. DUC4: 4: SMOOTH, METAL DUCT, 2022 CMC. S04 J) IN DECESS OF TWO. MIN. DUCA: 4: SMOOTH, METAL DUCT, 2022 CMC. S04 J) IN DECESS OF TWO. MIN. DUCA: 4: SMOOTH, METAL DUCT, 2022 CMC. S04 J) IN DECESS OF TWO. MIN. DUCA: 4: SMOOTH, METAL DUCT, 2022 CMC. S04 J) IN DECESS OF TWO. MIN. DUCA: 4: SMOOTH, METAL DUCT, 2022 CMC. S04 J)

- 4. ALL MANUFACTURED EQUIPMENT SHALL BE INSTALLED AS PER MANUFACTURERS SPECIFICATION AND DIMENSIONS VEHICIPED UTHI INSTALLITON REQUIREMENTS. ALL MANUFACTURERS INSTALLATION INSTRUCTIONS SHOULD BE ON SITE FOR INSPECTIONS. S SHOWERS AND FUES SHOWER COMBINITIONS: CONTROL VALVES MUST BE PRESSURE BALANCED OR THERMOSTATIC MIXING VALVES, *1022 CPC 41.20*, J WETFADOM CALCURG, RRVIDE TEMPRETED GLAZING IN DOORS AND ENCLOSURES FOR SHOWERS, BAINTURES, SAUNAS, STEAM ROOMS, HOTTURES SIMILAR USES WHERE THE BOTTOM EXPOSED EDGE IS LESS THAN 60-INCHES ADAVE AS ATMONDS SUBJECT, *1023 CPC 42.00*, SHALL CONFORM TO CALGREEN SEC. 4.507, ENVIRONMENTAL COMURET

- CONTORT: 8. WATER COSTS: 4. MIN. FRONT, 30" MIN COMPARTMENT WIDTH. b. PROVIDE AMIN SF WINKOW, J20 WINKI SHALL BE OPENABLE OF AN EDWALTF FAN 50 CFM FOR INTERMITTENT OR 20 CFM FOR CONTINUOUS. DIRECT VENT TO OUTSIDE WITH ARKOBART DAMPER. (2022 CFR CR32.3) c. NEW WATER COSTS AND ASSOCIATED FUSISHOMETER VALVES, IF ANY SHALL USE NO MORE THAN 1.28 GALLOR PRE FUSISH AND SANLI MEET PERFORMANCE STANDARDE STABLEND BY THE ARKOBART DAMIN ACCESSORES: PROVIDE MINIMUM 1 TOULET PARE HOLD'S AND COSTS. DEVIDED BY THE ARKOBART NECESSARY BUDGK FOR TOULET PARE HOLDER AND COVEL BARK.
- AIT ACCESSARIES: FRAVILE MINIMUM 1 I DIEL PAPER INCLUER AND 1 TOWEL BAN PER BATHROUM. PRO ESSARIE BIOLONG FOR TOILET PAPER HOLDER AND TOWEL BANS. WHOLE-BUILDING MECHANICAL VENTILATION SYSTEM PER ASHRAE STANDARD 6:2.2, PROVIDE THE CITY SPECTOR THE FOLLOWING INFORMATION AT OR BEFORE THE TIME OF INSPECTION: a. CALCULATIONS FOR REQUIRED VENTING RATES.
- CHACUDATIONS FOR REQUIRED VENTING KATES.
 CALCULATION ADJUSTMENTS FOR INTERMITTENT SYSTEMS IF APPLICABLE.
 DUCT DIAMETER AND MAXIMUM DUCT LENGTH PER ASHRAE 62.2 TABLE 7.1.
 TYPE OF SYSTEM USED AND PROVIDE COMPLETED CF-6R-MECH-05 FORM.
 EANE SHALL BE ADJUNCTION CONTENT.

- THYE OF SYSTEM USED AND PROVIDE COMPLETED C-9K-MECH-05 FOR FANS SHALL BE PROVIDED A COVER OF R-4.2 WHEN OFF.

 FANS SHALL BE PROVIDED A COVER OF R-4.2 WHEN OFF.

 ATTIC ACCESS:

 PROVIDE 30^o MIN. HEADROOM IN THE ATTIC SPACE (2022 CRC R807.1)

 PROVIDE 30" MIN. HEADROOM IN THE ATTLE SARCE (2022 CRC R8071)
 IN ATTLE, ROVIDEU GIRT AND SWITLE, AND GLA INCESSAR TELETRICAL. PROVIDE UNDESTRUCTED
 PASAGEKWAY 24" VIDE OF SOLID CONTINUUDS FLOORING FROM ACCESS TO EQUIPMENT AND ITS
 CONTROLS. ALSO PROVIDE UNDESTRUCTEDE WORK SPACE IN RROTO TF CELUPMENT 30" CPETHI
 MINIMUM. PROVIDE COMBUSTION AIR AND CONCENSATE LINE TO OUTSIDE OR AN APPROVED DRAIN
 CONTROLS. ALS ALR CONDITIONIDS.
 CONTROLS. ALS ALR CONDITIONIDS.
 CONTROLS. ALS ALR CONTINUUDS IN AIR AND CONCENSATE LINE TO OUTSIDE OR AN APPROVED DRAIN
 CONTROLS. ALL CONTROLING. OR ROOT CONSTRUCTION SHALL HAVE AN ATTLE ACCESS
 OPENING TAT PRABST THAT EXCEPTED 30 SQUARE FEET AND HAVE A VERTICAL HEIDIT OF SAIN-CHES
 MINIMESS TO THE UNDERSIG OF THE ROOT FRAMING MEMBERS.
 LITE ROUGH-FRAMOD OPENING SHALL NOTE LISS THAT ALL 27" X30" AND SHALL BE LOCATED NOT OVER
 20 FEET FROM THE EQUIPMENT, 2022 CRC R807.1]
 ENROUGE A LOVE RECEITAGLE AND A LIGHT NEAR THE EQUIPMENT WITH LIGHT SWITCH LOCATED AT THE
 ATTLE ACCESS.

ELECTRICAL NOTES

- CONDRAM WITH CURRENT CEC. NFPA, MRYS, AND LOCAL REQUIREMENTS. ELECTRICAL SYSTEM GROUND OD BE PROVIDED PER NEC. ARTICLE 250-81. ALL MATERNAS TO BE U.L. LARELED. METER: 120 VOLT/ 240 VOLT, 14 NO 3 WIRE GROUNDO RE EQUAL. ELECTRICAL SUB PARELE FLUSH MOULTS, 30° CLEARANCE. 225 ANP. CONDUCTORS: TW, THW, COPPER, MINIMUM 14 AT UGHTING, 12 AT OTHER CIRCLITS. LAMPS: FOR CREMENEEL FLUSH MOULTS, 30° CLEARANCE. 225 ANP. CONDUCTORS: TW, THW, COPPER, MINIMUM 14 AT UGHTING, 12 AT OTHER CIRCLITS. NAMPS: FOR CREMENEEL LUSHING MOULTS, 300 ADDI 1415 MILLING AN BEFICIENCY OF NOT LESS TH NEW YORT, ALL SOCIETS RILLD WIRT SOFT-WIRTLES SWATT FLUORESCHIF. COOL WHITE, BS, SOUND ATT (10.01).
- 40 WATT (ULO.N.). A. ALL ELECTRICAL OUTLETS INSTALLED IN BATHROOMS, GARAGES, BASEMENTS, CRAWL SPACES, OUTDOORS, KITCHEN COUNTERS, AND AT WET BARSINS SIALL HAVE GONUNG-FAULT CIRCUIT-INTERRUPTER PROTECTION IN COMPUNACE WITH NECK -12.05 (CONSTING OF 125 VOLTSINGE-PHASE, 5-MA D2 O-AMPERE RECEPTACLES MILL BATHROOM RECEPTACLE OUTLETS SHALL BE SUPPLIED BY A NINIMUM OF ONE 129-VOLT, 20-AMPERE BRANCH CRUIT. SUCH CRAUTIS SHALL HAVE ON OTHER OUTLETS THIS BEDICATE CIRCUINT MAY SERV MORENTIAN ONE BATHROOM, 12022 CEC, 210.11(C) 10 PROVIDE ELECTIC OUTLET AND PUSH-BUTTON WIRE FOR GARAGE OPENER (INCLUDE OPENER). 11 PHEMOSTATI SHALL BAY AND SHALL BE SUPPLIED BY A NINIMUM OF ONE 129-VOLT, 20-AMPERE BRANCH CONTROL SHALL BAY AND SHALL BAY ONE DIFFERENCE TO COLOR. 12 PROVIDE ELECTIC OUTLET AND PUSH-BUTTON WIRE FOR GARAGE OPENER (INCLUDE OPENER). 13 PROVIDE ELECTIC OUTLET AND SHALL BE SUPPLIED TO COLOR. 14 PROVIDE LECTIC OUTLET AND SHALL BE SUPPLIED TO COLOR. 15 PROVIDE LECTIC OUTLET AND SHALL BE SUPPLIED TO COLOR. 15 PROVIDE LESS AND LESS SHALL BE SUPPLIED TO COLOR. 16 PROVIDE LESS AND LESS SHALL BE SUPPLIED TO COLOR. 17 PROVIDE LESS AND LESS SHALL BE SUPPLIED TO COLOR. 18 PROVIDE LESS AND LESS SHALL BE SUPPLIED TO COLOR. 19 PROVIDE LESS AND LESS AND LESS SHALL BE SUPPLIED TO COLOR. 19 PROVIDE LESS AND LESS AND LESS AND DESTINGTER TO COLOR. 19 PROVIDE LESS AND LESS AND LESS AND DESTINGTER OF COLOR. 19 PROVIDE LESS AND LESS AND RESTORTER TO COLOR. 19 PROVIDE LESS AND LESS AND RESTORTER TO COLOR. 19 PROVIDE LESS AND RESTORTER TO COLOR. 19 PROVIDE LESS AND RESTORTER AND PROVIDE LINGUES COLOR. 19 PROVIDE LESS AND RESTORTER TO COLOR. 19 PROVIDE LESS AND RESTORTER AND RESTORTER TO COLOR. 19 PROVIDE LESS AND RESTORTER TO COLOR. 19

314.27(c) 0202 CCC 422.18). 13. ALL LUINMARE, LAMPHOLDERS, AND RETROFT KITS SHALL BE LISTED (2022 CCC 410.6). 14. ALL LUIVANES, LAMPHOLDERS, AND PAMPEE BRANCI CRCUTS SUPPLYING GUTLTS INSTALLED IN DWELLING UNIT KITCHENE, ANALY ADOMS, LINKE GONG, BUNKE GONG, BARLESS, LIBARAEL DENS, BEDROCHS, SUNROCMS, RECERATION INCOMS, CLOSET, ANLIWAYS OL SIMILAR BOOKS OF AREAS SHALL BE PROTECTED FA LISTED ARE-FAULT COUCHT INTERNIEVER, COMMANDA YN, BISTALED TO POMPUD PROTECTION OF HE BRANCI CRCUT, DO22 CCC MICHTI MICHTER, COMMANDA YN, BISTALED TO POMPUD PROTECTION OF HE BRANCI CRCUT, DO22 CCC

Las SMOKE DETECTORS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND PROVIDED WITH A
 BATTERY BACK-UP. ALL SMOKE DETECTORS SHALL BE INTERCONNECTEED. ALL SMOKE DETECTORS SHALL MAINTAIN A
 MINIMUM SFOOL CLABARACE TO HYAC. SUPPLY OR RETURN IN REGISTERS.
 CARBON MONOIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND PROVIDED

WITH A BATTERY BACK-UP. ALL CARBON MONOXIDE ALARMS SHALL BE INTERCONNECTEED. 20. EXHAUST FANS WILL BE CONTROLLED BY A HUMIDISTAT FER THE GREEN BUILDING STANDARDS CODE SECTION 4.506. EXHAUST FANS MUST BE SWITCHED SEPARATELY FROM LIGHTS (2022 CAF. 153.04)/26).

ENERGY NOTES

L B I I

REVIEW ONLY

DEPARTMENT

W HOMEWONERS WITH A LUMINAIRE SCHEDULE THAT INCLUDES A LIST OF NSTALLED LAMPS AND LUMINARIES.

LUMINAIRE REQUIREMENTS [7:022 CE/C 150.0[\]]. A LUMINAIRE EPFORT. ALL INSTALLED LUMINAIRES SHALL MEET THE REQUIREMENTS IN TABLE 15:0. A. DECEPT: INTEGRATID EXPC: EUTIMS. LIGHTMS INTEGRAL TO EXMANST FAMS, KITCHEN BANG BATH WANTY MIRRORS AND GAARGE DOOR OPENES. NAVIGATION LIGHTS. LIGHTS, AND PATI LIGHTS LIST STAMS WATT. CAIRNET UNITHING: LIGHTSM TETRIAL TO DAWERS, CABINETRY AND LINEN CLOSETS WITH AN EFFICACY OF 45 LIMENS PER WATT OR GREATER.

CLIENT INFORMATION HUNG NGUYEN hungnguyen_@msn.com STRUCTURAL ENGINEER

DLOWING ARE HIGH-EFFICACY LIGHT SOURCES PER TABLE 150.0-A: THE FOLLOWING LIGHT SOURCES HER THAN THOSE INSTALLED IN CEILING RECESSED DOWNLIGHT LUMINAIRES, ARE NOT REGUIRED TO

SEPARATE COMPONENT TO EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL(LE. BUILT II THROOM EXHAUST FANS SHALL PROVIDE MINIMUM 50 CFM EXHAUST RATE (2022 CMC TABLE CHEN EXHAUST FANS SHALL PROVIDE MINIMUM 100 CFM EXHAUST RATE

PER 2022 CERC 150(m) PORTIONS OF SUPPLY-AIR AND RETURN-AIR DUCTS AND PLENUMS SHALL BE INSULATED TO A MINIMUM INSTALLED LEVEL OF R-6.0 (OR ANY LEVEL HIGHER LEVEL REQUIRED BY 2022 CMC SECTION 605) OR BE ENCLOSED ENTIRELY IN CONDITIONED SPACE.

PPING.
POINT AVAILED VALUE AND CODE INCLUDING: COPPES ON PS PPE OR APPROVED EQUAL
DOMESTIC VALUE VALUE (VALUE VALUE VALU

PLUMBING 3151EW MEADURES 7. STRAPS AND HANGERS: PROVIDE AS NECESSARY TO INSURE A STABLE INSTALLATION. SEE TITLE-24 FOR WATER HEATER REQUIREMENTS. 8. ALL HOSE BIDS SHALL HAVE APPROVED BACK FLOW PREVENTION DEVICES. 8. ALL HOSE BIRS SMUL HAVE APPROVED BACK FLOW PREVENTION DEVLS... PIUWINE INFORMETS INVERTIGATION OF ITTINGS (FAUCTS AND SHOWERHEADS) SHALL MEET THE STANDARDS REFERENCED IN CALOREENT TABLE 4.300.31. UN WITHE HARTS SHALL BE PROVIDED WITH A TEMPERATURE AND PRESSURE RELIEF VALVE. FOR (D32 CPC 505.2) THE RELIEF VALVE SHALL BE PROVIDED WITH A TEMPERATURE AND PRESSURE RELIEF VALVE. FOR (D32 CPC 505.2) THE RELIEF VALVE SHALL BE PROVIDED WITH A TEMPERATURE AND PRESSURE RELIEF VALVE. FOR (D32 CPC 505.2)

BUILDING, FER (2022 608.5 CPC) 11 — RER 2022 C 608.5 CPC) 11 — RER 2022 C 608.5 CPC) 12 — RER 2022 C 608.5 CPC) 13 — RER 2022 C 608.5 CPC) 14 — RER 2022 C 608.5 CPC)

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LUM CLG

INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS

INVERTED ELEVATION

JACUZZI

JOIST

KITCHEN

JACUZZI

KITCHEN LAVATORY

LINEAR FEET

MACHINE BOLT

MANUFACTURE

MEDICINE CABINET

NOT IN CONTRACT

NOT TO SCALE

NUMBER

ON CENTER

DIAMETER

PHOTO CEL

PLYWOOD

PREFABRICATED

PROPERTY LINE

ROOF RAFTER

REDWOOD

REQUIRED

SECTION

SEWER

SHEET

SLIDER

STEEL

SIMILAR

SOLID CORE

STRUCTURAL

SINGLE HUNG

SPECIFICATIONS

SURFACE FUR SIDES

TONGLE AND GROOVI

TOP & BOTTOM

TOP OF CURB TOP OF SLOPE

TOP OF WALL

TYPICAL

VOLTS

WATER

GENERAL NOTES

GN-01

WATER CLOSET

WATER HEATER

WEATHER RESISTANT

WELDED WIRE MESH

TEMPERED, TEMPERATURE

NIFORM BUILDING CODE

UNLESS NOTED OTHERWISE

VENT TROUGH ROOF

VENT THROUGH WALL

SQUARE FEET

TABUALTION

SHEATING

PRESSURE TREATED DOUGLAS FIR

OVER

LOCATION LUMINOUS CEILING

POUND

MATERIAL

MAXIMUM

METAL

METER

WOOD

MINIMUM

JOIST

LAVATORY

(2022 CMC TABLE 403.7)

PLUMBING NOTES

LDING. PER [2022 608.5 CPC]

ABBREVATIONS

ALUMINUM

AUTOMATIC

ANCHOR BOLT

BASE OF SLOPE

BASE OF WALL

BATHROOM

BEAM

BEARING

BEDROON

BLOCKING

BUILDING

CASEMENT

CAST IRON

CEILING JOIST

CENTER LINE

CLEAN OUT

CLEAR

COLUMN

CONCRETE

CONTROL

COUNTER

CUBIC FEET

CUBIC INCHES

CUBIC YARD

DEMOLITION

DOUBLE HUNG DOUGLAS FIR

DOWN SPOUT

PENNY(NAIL)

DETAIL

DOOR

DOUBLE

DOWN

EACHE

EQUAL

EXTERIOR

FIELD NAIL

FINISH NAIL

FIRE DAMPER

FLOOR JOIST

FIRE PLACE

FLASHING

FLOOR DRAIN

FLUSH BEAM

FOUNDATION

GARAGE

GAS

GAUGE

GYPSUM

HEADER

HOSE BIB

INSULATION

HOLODOWN

HOLLOW CORE

FORCED AREA UNIT

GALVANIZED IRON

GLUED LAMINATED

GYPSUM BOARD HORIZONTAL

GROUND FAULT INTERRUPTOR

FIXED

FLOOR

FINISH

EDGE NAIL

ELEVATION

COMPOSITION

CONTINUOUS

CABINET

CELLING

BOUNDARY NAIL

BRITISH THERMAL UNIT

BOARD

ALUM.

AUTO

AB

B.S.

BATH

BM

BRG

BDRN BLK

B.D

BTU

BLDG

B.N.

CA

CAB C.I

CIG

C.J.

CL

c.0

CLR. COL.

COM

CONC

CONT. CNTRL

CNTR

CILET

CU.IN

CU.YD

DEMO

DET

DR.

DBL

D.H. D.F.

DN.

DS.

EA

E.N

ELEV

EQ.

EXT

F.N.

F.N.

FIN.

F.D.

FP

FX

FLASH

FLR

FLR DR

FL.BM.

F.A.U

FOUND

G.I.

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DRAWN BY : S.A

: AS NOTED

: 2/15/2025

SCALE

DATE

REV

JOB NO.

GYP.BD

HORZ OR H

GLU-LAN

GAR

- UTIER THAN THOS INSTALLED IN CELININ RELESSED DOWNLIGHT LUMINAIRES, ARE NOT RELIDING COMPUY WITH REPERVED LIOIN TAPPONIX JAB: LED LIGHT SOURCES INSTALLED OUTDORS. INSERBARAE SOURS STATE UGHTING (SSU JUMINAIRES CONTAINING COLORED LIGHT SOURCES THAT ARE ALLED TO PROVIDE DECORATIVE LIGHTING.
- NLLEU IU PRUVIULE UECORATIVE LIGHTING. PIN-BASED UINEAR FLUORESCENT OR COMPACT FLUORESCENT LIGHT SOURCES USING ELECTRONIC BALLASTS. HIGH INTENSTY DISCHARGE (HID) LIGHT SOURCES INCLUDING PULSE START METAL HALDE AND HIGH PRESSURE JM LIGHT SOURCES.

UM LIGHT SOURCES. UMMINIARES WITH HARDWIRED HIGH FREQUENCY GENERATOR AND INDUCTION LAMP. CEILING FAN LIGHT RITS SUBJECT TO FEDERAL APPLIANCE REGULATIONS. THE FOLLOWING LIGHT SOURCES ARE ONLY CONSIGNED TO BE INGI HEFICACY IF THEY ARE CERTIFIED TO THE COMMISSION AS HIGH EFFICACY LIGHT SOURCES IN ACCORDANCE WITH REFERENCE JOINT APPENDIX JAB AND MAREND AS REQUIRED BY JAB: ALL LIGHT SOURCES NGTAILED IN CEILING RECESSED DOWNLIGHT LUMMAIRES. NOTE THAT CEILING RECESSED JUGHT LUMMAINES SHALL NOT HWE SCHW BASES REGARDLESS OF LAMP TYPE AS DESCINED IN SECTION

- 150.0(K)1C
- ISO.QKV1C.
 2. ANY LIGHT SOURCE NOT OTHERWISE LISTED.
 A. SCREW-BASED LUMINAIRES. SCREW-BASED LUMINAIRES SHALL CONTAIN LAMPS THAT COMPLY WITH REFERENCE JOINT APPENDIX JAB.

- REFERENCE DATA PROFEDUX: SALE SHEEL COLUMINARES BALL COMINATION COMPT STINL COMPT STATUS
 REFERENCE DATA PROFEDUX: SALE SHEEL COMING AND STILL COMPT STINL COMPT STINL COMPT STATUS
 REFERENCE DATA PROFEDUX: SALE SHEEL COMING AND STILL COMPT STINL COMPT STATUS
 REFERENCE DATA PROFEDUX: SALE SHEEL COMING AND STILL COMPT STATUS
 SHALL NOT COMPARES SHEEL MANNES AND STOCKETS, NOT
 SHALL NOT COMPARE STATUS
 REFERENCE DATA PROFEDUX SHEEL MANNESS AND STATUS
 SHALE SHEEL THAT COMPTRES THE LUMINARE SEARCE SHEEL MANNESS AND STILL COMPT STATUS
 SHALE SHEEL THAT COMPARES SHEEL MANNESS AND STATUS SHALE SHEEL MANNESS AND STILL COMPT STATUS
 SHALE SHEEL MANNESS AND STATUS SHEEL SHEEL MANNE
- MEET THE CLEARANCE AND INSTALLATION REQUIREMENTS OF CALIFORNIA ELECTRICAL CODE SECTION 410.116
 EXESSED LUMINAIRES.
 EXESSED LUMINAIRES MARKED FOR USE IN PRE-ARTE INSTALLATIONS SETURIDED INTO CELLING
 SYACE AND RESESSED LUMINAIRES MARKED FOR USE IN PRE-ARTE INSTALLATIONS SETURIDED INTO CELLING
 SYACE AND RESESSED LUMINAIRES MARKED INTO CELLING
 SYACE AND RESESSED LUMINAIRES LUMINAIRES, LAMPS AND OTHER SEPARABLE LUMIT SOURCES
 A UDIT SOURCES IN ENCOSED OR RECESSED LUMINAIRES, LAMPS AND OTHER SEPARABLE LUMIT SOURCES
 THAT ARE NOT COMPLIANT WITH THE AS LELIVATE OTHERATURE REQUIREMENTS, INCLUDING MARKING
 REQUIREMENTS, SHALL NOT E INSTALLED IN ENCOSED OR RECESSED LUMINAIRES.
 BANKE LECTRICAL BOOSTS THAT ARE NOTE ENTITY AND OTHER SEPARABLE HOTH FOR THAT SPEED AND THE SAURCES IN ENCOSED OR RECESSED LUMINAIRES.
 BANKE LECTRICAL BOOSTS THAT ARE NOTE ENTITY AND THE SAURCESSID LUMINAIRES.
 BANKE DECORGAL BOOSTS THAT ARE LECTRICAL BOOSTS THAT ARE NOBE THAN'S THE THAT THE
 NUMBER OF BERDROOMS. THESE LECTRICAL BOOSTS THAT ARE NOBE THAN'S THE FOR ADD TO NOT CONTAN A. LUMINAIRE OR OTHER DEVICE SHALL BE NO GRAFTER THAN THE
 NUMBER OF BERDROOMS. THESE LECTRICAL BOOSTS THAT ARE DUSTED THAT ARE NOBE THAN'S THE SERVED BY A DIMMER, VACANCY SENSOR
 CONTROL, LOW VOLTAGE WIRING OR FAN SPEED CONTROL

LIGHTING CONTROLS (2022 CEnC 150.0(k)2).

- G SHALL HAVE READILY ACCESSIBLE WALL-MOUNTED CONTROLS THAT ALLOW THE LIGHTING T LLY TURNED ON AND OFF. EXCEPT: CEILING FANS MAY PROVIDE CONTROL OF INTEGRATED LIG
- MANUALIY TUNINE ON AN OFF. DECEPT: CELING FANS MAY PROVIDE CONTINUE ON INTO SIGNATION VALA REMOTE CONTROL. SHALL DOTO: COLUPANT SENSOR OR VALANCY SENSOR INFOLUCTION WHERE THAT DIMMER OR INSTOR HAS BEEN INSTALLED TO COMPY WITH SECTION 13.00,1. B. JOHTMER CONTROLS SHALL COMPY WITH THE REQUIRE MERINES OF SECTION 13.00, A. DIMENS OF AND DEAL DOTO: STATULE TO COMPY WITH SECTION 13.00,1. C. A DIMENS OF AND DEAL DOTO: STATULE TO COMPY WITH SECTION 13.00,1. SHALL DOTO: STALLE CONTROL STATULE TO COMPY WITH SECTION 13.00,1. C. A DIMENS OF AND DEAL DOTO: STATULE TO COMPY WITH SECTION 13.00,1. SHALL DOTO: STALLE CONTROL STATULE TO COMPY WITH SECTION 13.00,1. SHALL DOTO: STATULE CONTROL STATULE TO COMPY WITH SECTION 13.00,1. SHALL DOTO: STATULE CONTROL STATULE TO COMPY WITH SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH THE SECTION 13.00,1. SHALL DOTO: STATULE TO COMPY WITH SECTION 13.00,1. SHALL DOTO: STATULE TO S
- ISSUBJEY IN TWOVIDES THE FUNCTIONALITY OF THE SPECIFIED CONTROLS IN ACLOUDANCE WITH SECTION 109, AND THE PRIVISAL CONTROLSPECIFIED IN SECTION 150.0(1)2 A AUTOMATIC OFF CONTROLS.1. IN BATHROOMS, GARAGES, LAUNDRY ROOMS, UTILITY ROOMS ANDWALK-IN CLOSETS, AT LEAST ONE INSTALLED LUMINNARE SHALL BECONTROLLED BY AN OCCUPANCY OR VACANCY SENSOR PROVIDING

- VACANCY SENSOR PROVIDING AUTOMATC- OF FUNCTIONALTY. 2. FOR LIGHTING INTERNAL TO DRAWERS AND CABINETRY WITH OPAQUE FRONTS OR DOORS, CONTROLS THAT TURN THE LIGHTING THE WART NO BANKER OR DOOR IS CLOSED SHALL BE PROVIDED. 5. DIAMINE CONTROLS. LIGHTING IN HARTARLE SPACES, INCLUDING WITH TO TUMITED TO LIVING ROOMS, DIAMINE CONTROLS. LIGHTING IN HARTARLE SPACES, INCLUDING WITH LANDINITED DOWNING CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIAMINES CONTROLS THAT ALLOW THE LIGHTING TO BE MANULLY ADULTETO LIVING ROOMS, DIATO ROOMSTONI INSERTITO DI ACCUMULTE DI ADULTETO DI AND DONNE FORMARE ADULTATO ROOMSTONI INSERTITO DI ACCUMULTE DI ADULTETO DI ADULTETO DI AND THE AND STATIS OR CONTROLS THAT ALLOW THE LIVING THE CONTROL CONTROL ADULTETO DI ADULTETO THAT ADULTETO ADULTETO ADULTETO DI ADULTETO DI ADULTETO TO ADULTETO TO ADULTETO TO ADULTETO TO ADULTETO DI ADULTETO TO ADULTETO DI ADULTETO TO ADULTETO TO ADULTETO TO ADULTETO TO ADULTETO TO ADULTETO TO ADULTETO DI ADULTETO ADULTETO ADULTETO ADULTETO ADULTETO ADULTETO ADULTETO DI ADULTETO ADU CANTRACT IN THE ACCOUNT AND AN ADDRESS AND ADDRESS AND
- F. INDEPENDENT CONTROLS. INTEGRATED LIGHTING OF EXHAUST FANS SHALL BE CONTROLLED INDEPENDENTLY FROM THE FANS. THE FOLLOWING SHALL BE CONTROLLED SEPARATELY FROM CELINICHINSTALL DIGHTING, SUNT HATO ME CAN BE TUNNED ON WITHOUT TURNING ON THE OTHER: L. UNDEREABINET LIGHTING, UNDERSHELF LIGHTING, INTERIOR LIGHTING OF DISPLAY CABINETS, AND SWITCHED WITH THE
- RESIDENTIAL OUTDOOR LIGHTING (2022 CERC 150.0(k)3). IN ADDITION TO MEETING THE REQUIREMENTS OF SECTION 150.0(k)1A, LUMINAIRES PROVIDING RESIDENTIAL OUTDOOR LIGHTING SHALL MEET THE FOLLOWING
- CETON 15:00(3).2, LUMINAISES PROVIDING RESIDENTIAL OUTDOOR LIGHTING SHALL MEET THE FOLLOWING CURRENTIST, SA SAPULCABLE: LOL AUDITIONS, OUTDOOR LIGHTING PERMANENTLY MOUNTED TO A A 70% SINGLE FAMILY RESIDENTION THE RINKINGS OUTDOOR LIGHTING PERMANENTLY MOUNTED TO A LIADD THE REQUEREMENTS IN THITSE HILL RESIDENT LIGHT AND LIGHT THE REQUEREMENT IN THEM LIADD THE REQUEREMENTS IN THITSE THEM IS OR THEM.
- BELOW, AND CONTROLLED BY A PHOTOCELL AND EITHER A MOTION SENSOR OR AN AUTOMATIC TIME SWITCH CONTROL; OR CONTROLLED BY AN ASTRONOMICAL TIME CLOCK CONTROL. NOTE: CONTROLLED BY AN ASTRONOMICAL THREE CLOCK CONTROL AUTOMATICALLY RETURNS THE AUTOMATIC CONTROL TO ITS MORMAL DEPARTION WITHIN 6 HOURS AN ENERGY MANAGENETIC CONTROL STREET WAT PROVIDES THE SPECIFIED LIGHTING CONTROL FUNCTIONALITY AND COMPLIES WITH AUL REQUIREMENTS APPLICABLE TO THE SPECIFIED CONTROLS MAY BE USED TO MEET THERE REQUIREMENTS.
- ALL JOINTS, PENETRATIONS AND OTHER OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF LEAKAGE SHALL BE CAULKED. GASKETED. WEATHER-STRIPPED OR OTHERWISE SEALED TO LIMIT INFILTRATION AND

EXFILTRATION (2022 CEnC 110.7) ATTIC ACCESS DOORS SHALL HAVE PERMANENTLY ATTACHED INSULATION USING ADHESIVE OR MECHANICAL ENERS. THE ATTIC ACCESS SHALL BE GASKETED TO PREVENT AIR LEAKAGE (2022 CEnC 150.0(a)2)

ENERGY STORAGE READINESS

ERGY STORAGE SYSTEM (ESS) REQUIREMENTS: IN SINGLE-FAMILY RESIDENTIAB UBLIGNES THAT INCLUDE ONE OR TWO DWELLINGS, EACH DWELLING UNIT S HALL BE PROVIDED WITH DEDICATED RACEWAYS, DESIGNATED BRANCH CIRCUITS AND ISOLATION DEVICES SPALE BE PROVIDED WITH DEULATION RACEWARDS, OCENTRATE BRANCH DIRUCTI SAND SOLATION FOR ENERGY STORAGE SYSTEMS AS SPECIFIED IN CALIFORNIA ENERGY CODE SECTION 150.0(5). ADDITIONALLY, THE PARELBOARDS SHALL BE PROVIDED WITH THE MINIMUM BUSBAR PATING AS SPECIFIED IN CALIFORNIA ENERGY CODE SECTION 150.0(5).

- SPECIFIED IN CALIFORMULE RESIGN CODE SHELLING SUMUP), LOCACELE SELTING HOLLING
 LOCACITY COMPARING SUMUE SHELLING SUMUP), LOCACITY OF GO AND'S AND A
 MINIMUM OF FOUL ESS-SUPPLIED BRANCH CIRCUITS, OR
 A ESS REATIVATION COMPARING SUMUE REPORTED
 BARACH CIRCUITS, OR
 BARACH CIRCUITS IN SECTION ISOD(S), LA LBARNCH CIRCUITS, OR
 BARACH CIRCUITS IN SECTION ISOD(S), LA LBARNCH CIRCUITS, ARE FRANCHCIRCUITS SUPPLIES THE
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MECHANICAL NOTES

CONFORM WITH CURRENT JOOPTED CRC. CMC. SMAKCHA, NFPA AND LOCAL REQUIREMENTS
 DUTHORIE: SMAKCHA 1000 VELOCITY DUCT CONSTRUCTION" HIRS STANDARD 490A. ALL TRANSVERSE DUCT
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 DUCLING TO SMAKLHA

OTHERWISE. 3. GRILLS AND REGISTERS, DIFJUSERS, ETC: SUBJECT TO OWNERS APPROVAL, "CARNES" OR EQUAL FANS: DIRECTLY VENTED TO OUTSIDE, BACK DRAFT DAMPERS ARE REQUIRED (PER TABLE 2-33Y, TITLE 24.C.A.C.). 4. THE RETURN AIR PERIUM SERVING THE MECHANICAL EQUIPMENT MUST BEFULLY DUCTED FROM THE EQUIPMENT DT HE CONDITIONED SPACE. DROPCELIUNGS, WALL CAVITES AND EQUIPMENT PLATFORMS MAN NOT BE USEDAS

PERNUMS: 5. AUNORY DRYER VENT TO EXTERIOR TO BE 14 FEET MAXIMUM, LESS 2 FEETPER 90 DEGREE TURN PER CMC 50.3.2.2. IF VENT IS OVER 14' AN APPROVED POWER ASSISTED DEVICE IS REQUIRED. 6. BATHROOM EXHAUST FANS (BATHROOM APPLIES TO ROOMS CONTAINING BATHTUB, SHOWER, OR TUB/SHOWER

- 6. COMBIN EXHAU a. BMI INCOME CONSIGNATION OF THE REPORT OF THE
 - 3' FROM OPENINGS. 3' FROM OPENINGS. 10 UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMMIDY CONTROL. 1 HUMMIDY CONTROL SHALL BE CAABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMMIDY' RANGE OF \$ 30 PERCENT TO A MAXIMUM OF 80 PERCENT. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT. • A HUMIDITY CONTROL MAY BE A

PROFESSIONAL

NEW MAIN HOUSE / JADU

1279 LAS PALMAS DR SANTA CLARA, CA 95051

		RES		IANDATC		J		D, ONEEI	T (January 2023)
A	RESPON. PARTY	СНАРТ	FR 3			Y	WA RESPON. PARTY	4.106.4.2 New multifamily d When parking is provided, pa	wellings, hotels and motels and new residential rking spaces for new multifamily dwellings, hotel	parking facilities. and motels shall meet the
1	PARIT	GREEN	BUILDING					requirements of Sections 4.1 whole number. A parking spa	06.4.2.1 and 4.106.4.2.2. Calculations for spaces s	hall be rounded up to the nearest designed as a future EV charging
		SECTION	301 GENERAL					space shall count as at least of applicable minimum parking	one standard automobile parking space only for the space requirements established by a local jurisdic	tion. See Vehicle Code Section
		301.1 SC	OPE. Buildings shall be designed to in	nclude the green building me	asures specified as mandatory in			22511.2 for further details.		
		the ap	pplication checklists contained in this con pplication checklists and may be include but are not required unless adopted by	ed in the design and construct v a city, county, or city and co	tion of structures covered by this			4.106.4.2.1Multifamily deve than 20 sleeping units or gue	lopment projects with less than 20 dwelling unit est rooms.	s; and hotels and motels with less
		101.7		y a city, county, or city and ci	sancy as specifica in section			subject to this section.	s, sleeping units of guest rooms shall be based on	all buildings on a project site
			301.1.1 Additions and alterations. [Ho additions or alterations of existing resi	CD] The mandatory provision idential buildings where the a	s of Chapter 4 shall be applied to addition or alteration increases			1.EV Capable. Ten (10) types of parking faciliti	percent of the total number of parking spaces on es, shall be electric vehicle charging spaces (EV sp	a building site, provided for all aces) capable of supporting future
			the building's conditioned area, volum the specific area of the addition or alte	e, or size. The requirements eration.	shall apply only to and/or within			Level 2 EVSE. Electrical electrical system, inclu	load calculations shall demonstrate that the elect ding any on-site distribution transformer(s), have	rical panel service capacity and sufficient capacity to
			The mandatory provision of Section	4.106.4.2 may apply to additi	ons or alterations of existing			simultaneously charge	all EVs at all required EV spaces at a minimum of	40 amperes.
			parking facilities or the addition of nev Section 4.106.4.3 for application.	w parking facilities serving exi	sting multifamily buildings. See			The service panel or su reserved for future EV	Ibpanel circuit directory shall identify the overcurr charging purposes as "EV CAPABLE" in accordance	ent protective device space(s) with the California Electrical Code.
			Note: Repairs including, but not limite	d to, resurfacing, restriping a	nd repairing or maintaining			Exceptions:		
			Note: On and after Japuany 1, 2014, ro	rered alterations for the purp	a permitted alterations			1. When EV charge	rs (Level 2 EVSE) are installed in a number equal t	o or greater than the required
			additions, or improvements shall repla	ace noncompliant plumbing fi	xtures with water-conserving			number of EV ca	pable spaces.	the second support of CV
			completion, certificate of occupancy o Civil Code Section 1101.1, et seg., for t	or final permit approval by the	local building department. See			 When EV charge capable spaces, 	rs (Level 2 EVSE) are installed in a number less that the number of EV capable spaces required may be argors installed	reduced by a number equal to the
			types of residential buildings affected	and other important enactm	ent dates.			Notes:	argers installed.	
		301.2 LO	W-RISE AND HIGH-RISE RESI	DENTIAL BUILDINGS.	[HCD] The provisions of			a.Construction doc	ments are intended to demonstrate the project's	capability and capacity for
		indivi buildi	dual sections of CALGreen may apply to ngs, or both. Individual sections will be	b either low-rise residential b e designated by banners to in	uildings high-rise residential dicate where the section applies			facilitating future E	V charging.	
		specil high-r	fically to low-rise only (LR) or high-rise or rise buildings, no banner will be used.	only (HR). When the section	applies to both low-rise and			b.There is no requir or EV chargers are i	ement for EV spaces to be constructed or availabl nstalled for use.	e until receptacles for EV charging
		SECTION		U DINCE				2.EV Ready. Twenty-fiv	ve (25) percent of the total number of parking spa	ces shall be equipped with low
		302 1 MI			age each portion of a building			power Level 2 EV charg required per dwelling	ging receptacles. For multifamily parking facilities, unit when more than one parking space is provide	no more than one receptacle is d for use by a single dwelling unit.
		shall of	comply with the specific green building	measures applicable to each	specific occupancy.			Exception: Areas of par	rking facilities served by parking lifts.	
			I. [HCD] Accessory structures an comply with Chapter 4 and Appendix	nd accessory occupancies serv	ving residential buildings shall			4.106.4.2.2 Multifamily deve	elopment projects with 20 or more dwelling units	, hotels and motels with 20 or
			2. [HCD] For purposes of CALGre	een, live/work units, complyir	ng with Section 419 of the bancies, Live/Work units shall		-	The number of dwelling units	s, sleeping units or guest rooms shall be based on	all buildings on a project site
			comply with Chapter 4 and Appe	endix A4, as applicable.	survey work units shall			1 EV Carable Top (10)	percent of the total number of parking spaces on	a building site, provided for all
		DIVISIO	ON 4.1 PLANNING AN	ID DESIGN				types of parking faciliti	es, shall be electric vehicle charging spaces (EV sp load calculations shall demonstrate that the elect	aces) capable of supporting future
		ABBREV HCD	/IATION DEFINITIONS: Department of Housing and Community	Development				electrical system, inclu	ding any on-site distribution transformer(s), have	sufficient capacity to
		BSC DSA-SS	California Building Standards Commissi Division of the State Architect, Structura	ion al Safety				The service panel or su	ibpanel circuit directory shall identify the overcur	rent protective device space(s)
		OSHPD LR	Office of Statewide Health Planning and Low Rise	d Development				reserved for future EV	charging purposes as "EV CAPABLE" in accordance	with the California Electrical Code.
		HR AA	High Rise Additions and Alterations					Exception: When EX parking spaces requ	/ chargers (Level 2 EVSE) are installed in a number ired by Section 4.106.4.2.2, Item 3, the number o	greater than five (5) percent of f EV capable spaces required may
			New					be reduced by a nu	mber equal to the number of EV chargers installed	over the five (5) percent required.
		CHAP			-0			Notes:		
		RESIL	DENTIAL MANDATO	JRY MEASUR	ES			a.Construction docu	iments shall show locations of future EV spaces.	
		SECTION	4.102 DEFINITIONS					b.There is no requir or EV chargers are i	ement for EV spaces to be constructed or availabl nstalled for use.	e until receptacles for EV charging
		4.102.1 DEF The following	INITIONS	are included here for reference	•)			2.EV Ready. Twenty-fit	ve (25) percent of the total number of parking spa	ces shall be equipped with low
		FRENCH DR	AIN. A trench, hole or other depressed	area loosely filled with rock, a	ravel, fragments of brick or			required per dwelling u	unit when more than one parking space is provide	d for use by a single dwelling unit.
		similar perv	ious material used to collect or channel	drainage or runoff water.				Exception: Areas of	parking facilities served by parking lifts.	
		wattles. V such as hay,	Vattles are used to reduce sediment in r , straw or similar material shaped in the	runoff. Wattles are often cons form of tubes and placed on	tructed of natural plant materials a downflow slope. Wattles are			3.EV Chargers. Five (5) Where common use pa	percent of the total number of parking spaces sh arking is provided, at least one EV charger shall be	all be equipped with Level 2 EVSE. located in the common use parking
_		also used to	or perimeter and inlet controls.					area and shall be availa	able for use by all residents or guests.	
1		4.106 STI 4.106.1 GE	NERAL. Preservation and use of available	le natural resources shall be a	ccomplished through evaluation			When low power Level required, an automatic	2 EV charging receptacles or Level 2 EVSE are ins load management system (ALMS) may be used to	talled beyond the minimum o reduce the maximum required
_		mana	gement of storm water drainage and er	osion controls shall comply w	ith this section.			electrical capacity to e transformers shall hav	ach space served by the ALMS. The electrical syste e sufficient capacity to deliver at least 3.3 kW sim	em and any on-site distribution ultaneously to each EV charging
1		4.106.2 STO	ORM WATER DRAINAGE AND RETENTIO	N DURING CONSTRUCTION.	Projects which disturb less			station (EVCS) served b installed EVSE shall hav	by the ALMS. The branch circuit shall have a minim ve a capacity of not less than 30 amperes. ALMS sl	num capacity of 40 amperes, and nall not be used to reduce the
		acre o	or more, shall manage storm water drain	hage during construction. In o	order to manage storm water be implemented to prevent			minimum required ele	ctrical capacity to the required EV capable spaces.	
		floodi	ing of adjacent property, prevent erosio	n and retain soil runoff on the	e site.			4.106.4.2.2.1 Electric veh Electric vehicle charging s	icle charging stations (EVCS). tations required by Section 4.106.4.2.2, Item 3, sh	all comply with Section
			 Retention basins of sufficient size sh Where storm water is conveyed to a 	hall be utilized to retain storm a public drainage system, coll	water on the site.			4.106.4.2.2.1.		
			disposal method, water shall be filte approved by the enforcing agency.	ered by use of a barrier syster	n, wattle or other method			hotels shall not be requi	red to comply with this section. See California Bui	lding Code, Chapter 11B, for
			Compliance with a lawfully enacted	storm water management or	dinance.			4 106 4 2 2 1 1 Location	•	
		Note: or are	Refer to the State Water Resources Cor part of a larger common plan of develo	ntrol Board for projects which opment which in total disturbs	disturb one acre or more of soil, s one acre or more of soil.			EVCS shall comply with at	least one of the following options:	
		(Web:	site: https://www.waterboards.ca.gov/v	water_issues/programs/storm	water/construction.html)			1.The charging space the California Buildin	shall be located adjacent to an accessible parking g Code, Chapter 11A, to allow use of the EV charg	space meeting the requirements of er from the accessible parking
-		4.106.3 GRA	ADING AND PAVING. Construction plan	s shall indicate how the site g	rading or drainage system will			space.		
		mana surface	ge all surface water flows to keep water water include, but are not limited to, th	r from entering buildings. Exa he following:	mples of methods to manage			 The charging space Chapter 2, to the built 	shall be located on an accessible route, as defined ding.	d in the California Building Code,
			1. Swales	-				Exception: Electric ve	hicle charging stations designed and constructed	in compliance with the California
			3. French drains 4. Water retention gardens					Building Code, Chapt 4.106.4.2.2.1.2, Item	er 11B, are not required to comply with Section 4. 3.	106.4.2.2.1.1 and Section
			 Other water measures which keep s recharge. 	surface water away from build	dings and aid in groundwater			4.106.4.2.2.1.2 Electric ve	hicle charging stations (EVCS) dimensions.	
			Exception: Additions and alterations no	ot altering the drainage path.				1 The analysis spaces sha	f and 5) and to comply with the following:	
1		4.106.4 Elec	ctric vehicle (EV) charging for new const	truction. New construction sl	hall comply with Sections			2. The minimum length o	r each EV space shall be 9 feet (2742 mm)	
		4.106 equipm	4.1 or 4.106.4.2 to facilitate future insta nent (EVSE) shall be installed in accordan	allation and use of EV charger nce with the California Electric	s. Electric vehicle supply cal Code, Article 625.			3.One in every 25 charge	ng spaces, but not less than one, shall also have a	n 8-foot (2438 mm) wide minimum
			Exceptions:					aisle. A 5-foot (1524 mm space is 12 feet (3658 m) wide minimum aisle shall be permitted provided	the minimum width of the EV
			 On a case-by-case basis, when infrastructure are not feasible 	e the local enforcing agency h based upon one or more of t	has determined EV charging and he following conditions:			a.Surface slope for this E	· V space and the aisle shall not exceed 1 unit verti	cal in 48 units horizontal (2.083
			1.1 Where there is no local ut adequate power.	tility power supply or the loca	I utility is unable to supply			percent slope) in any dir	ection.	
			additional local utility infrastri	ucture design requirements, of 106.4 may adversely impact.	directly related to the			4.106.4.2.2.1.3 Accessible In addition to the require	EV spaces. ments in Sections 4.106.4.2.2.1.1 and 4.106.4.2.2.	1.2, all EVSE, when installed, shall
			project. 2 Accessory Dwelling Units (ADI	1) and Junior Accessory Dwell	ing Units (IADU) without			comply with the accessibi spaces and EVCS in multif	lity provisions for EV chargers in the California Bui amily developments shall comply with California E	lding Code, Chapter 11B. EV ready Building Code, Chapter 11A, Section
5			additional parking facilities.					4.106.4 2 3 FV space rom	lirements.	
		4.106	.4.1 New one- and two-family dwelling	gs and townhouses with atta	ched private garages. For each			1.Single EV space required circuit. The raceway shall	I. Install a listed raceway capable of accommodati	ng a 208/240-volt dedicated branch
		dwelli shall r	ing unit, install a listed raceway to accor not be less than trade size 1 (nominal 1-	mmodate a dedicated 208/24 inch inside diameter). The rac	D-volt branch circuit. The raceway eway shall originate at the main			originate at the main serv proximity to the location	ice or subpanel and shall terminate into a listed ca or the proposed location of the EV space. Constru-	abinet, box or enclosure in close ction documents shall identify the
		servic propo	e or subpanel and shall terminate into a sed location of an EV charger. Raceway	a listed cabinet, box or other e s are required to be continuo	enclosure in close proximity to the us at enclosed, inaccessible or			raceway termination poin shall have a 40-ampere m	t, receptacle or charger location, as applicable. Th inimum dedicated branch circuit. including branch	e service panel and/ or subpanel o circuit overcurrent protective
		conce 208/2	aled areas and spaces. The service pane 40-volt minimum dedicated branch circ	ei and/or subpanel shall provi uit and space(s) reserved to p	ue capacity to install a 40-ampere ermit installation of a branch			device installed, or space(s) reserved to permit installation of a branch circu	it overcurrent protective device.
	Circuit overcurrent protective device. Exemption: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the proposed location of an EV charger at the time of original construction in accordance with the <i>California Electrical Code</i> . 4.10.64.1.1 Identification. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".						Exception: A raceway is installed in close proxim	not required if a minimum 40-ampere 208/240-vo ity to the location or the proposed location of the	It dedicated EV branch circuit is EV space, at the time of original	
							construction in accordar	nce with the California Electrical Code.		
							2.Multiple EV spaces required location of installed or fut	ired. Construction documents shall indicate the ra ure EV spaces, receptacles or EV chargers. Constru-	ceway termination point and the uction documents shall also provide	
							electrical load calculations	or installed or future receptacles or EVSE, racewa s. Plan design shall be based upon a 40-ampere m uponents that are planed to be installed up.	y method(s), wiring schematics and inimum branch circuit. Required	
						\square		concealed areas and space	es shall be installed at the time of original constru	ction.
			CLIENT INFORMATION	PROFESSIONAL					DRAWN BY : S.A	SHEET NAME
			HUNG NGUYEN	SEAL	NEW MAIN	н	OUSE	E / JADU		00000 1
			hungnguyen_@msn.com				2001	_, 0,	SUALE . AS INUTED	CGBSC-1
			STRUCTURAL ENGINEER		- <u></u>				DATE : 2/15/2025	
	1279 LA								JOB NO. :	SHEET NUMBER
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RESPON.	Exc	eption: A raceway is not required if a mi	inimum 40-ampere 208/240-	volt dedicated EV bran	ch circuit	Y N	A RESPON.					
PARIT	ori	ginal construction in accordance with the	e California Electrical Code.	the EV space at the th	ne or		PARIT	4.304 OUTDOOR WAT	FR USE			
	4.106.4.2	.4 Identification.					-	4.304.1 OUTDOOR POTABLE	WATER USE I	N LANDSCAPE AREAS. Residential de	velopments shall comply with a	
	The servi future EV	ce panel or subpanel circuit directory shall charging purposes as "EV CAPABLE" in	accordance with the California	ctive device space(s) re a Electrical Code.	eserved for	Т		Efficient Landscape Ordinance	(MWELO), w	hichever is more stringent.	water resources woder water	
	4 106 4 2	5 Electric Vehicle Ready Space Signat	10					NOTES:				
	Electric v	shicle ready spaces shall be identified by	signage or pavement marking	s, in compliance with Ca	altrans			1. The Model Water Ef	ficient Landso	ape Ordinance (MWELO) is located in	the California Code Regulations.	
	successo	r(s).	asion vehicle olgha and r ave	ment warkings) or its				Title 23, Chapt calculator, are available at: ht	er 2.7, Divisio	on 2. MWELO and supporting docume ater.ca.gov/	ents, including water budget	
	4.106.4.3 El	ectric vehicle charging for additions an	d alterations of parking fac	lities serving existing								
	multifamily When ne	buildings. w parking facilities are added, or electrical	systems or lighting of existing	parking facilities are a	dded or			DIVISION 4.4 M	AIERIA	L CONSERVATION A	ND RESOURCE	
	altered an	nd the work requires a building permit, ten	(10) percent of the total numi	per of parking spaces ac	dded or			EFFICIENCY				
	Netee	an be decare tende onarging spaces (2					_	4.406 ENHANCED DUI	RABILITY /	AND REDUCED MAINTENAN	NCE	
	1.Const	ruction documents are intended to demon	strate the project's capability	and capacity for facilitati	ing future			sole/bottom plates at e	xterior walls	shall be protected against the passage	e of rodents by closing	
	EV char 2.There	ging. is no requirement for EV spaces to be co	nstructed or available until EV	chargers are installed f	for use.			enforcing agency.	ient mortar, o	concrete masonry or a similar method	acceptable to the	
								4.408 CONSTRUCTION	WASTE I	REDUCTION. DISPOSAL AND	DRECYCLING	
	DIVISIO	ON 4.2 ENERGY EFFI	CIENCY					4.408.1 CONSTRUCTION WAS	TE MANAGE	MENT. Recycle and/or salvage for re- uction and demolition waste in accord	use a minimum of 65 dance with either Section	
	4.201 G	NERAL						4.408.2, 4.408.3 or 4.40	8.4, or meet	a more stringent local construction a	nd demolition waste	
	4.201.1 SCC Commi	OPE. For the purposes of mandatory energy ssion will continue to adopt mandatory s	ergy efficiency standards in th standards.	is code, the California	Energy			management ordinance				
								Exceptions:				
	DIVISIO	ON 4.3 WATER EFFICI	IENCY AND CON	SERVATION				 Excavated soil and la 2. Alternate waste red 	and-clearing o	debris. Ids developed by working with local a	gencies if diversion or	
	4.303 4.303.1 WA	INDOOR WATER USE FER CONSERVING PLUMBING FIXTURES	AND FITTINGS. Plumbing fix	tures (water closets an	nd			recycle facilities cap	able of comp	liance with this item do not exist or a	re not located reasonably	
	urinals) and	fittings (faucets and showerheads) shall	comply with the sections 4.3	03.1.1, 4.303.1.2, 4.30	3.1.3,			3. The enforcing agence	y may make	exceptions to the requirements of thi	s section when isolated	
	anu 4	505.4.4.						jobsites are located	in areas beyo	ond the haul boundaries of the divers	ion facility.	
	water	-conserving plumbing fixtures. Plumbing	g fixture replacement is requ	ired prior to issuance o	fa			4.408.2 CONSTRUCTION WAS in conformance with Ite	ms 1 through	MENT PLAN. Submit a construction v 1 5. The construction waste managen	vaste management plan nent plan shall be updated	
	certifi depar	cate of final completion, certificate of oc tment. See Civil Code Section 1101.1, et	cupancy, or final permit app seq., for the definition of a n	roval by the local buildi oncompliant plumbing	ing fixture,			as necessary and shall b	e available d	uring construction for examination by	the enforcing agency.	
	types	of residential buildings affected and othe	er important enactment date	s.				 Identify the construct regulating region on the 	tion and den	nolition waste materials to be diverte	d from disposal by	
	4.303	1.1 Water Closets. The effective flush	volume of all water closets sl	all not exceed 1.28 gal	lons per			2. Specify if construction	on and demol	lition waste materials will be sorted o	n-site (source separated)	
	flush. Specif	ication for Tank-type Toilets.	to the performance criteri	o the U.S. EPA Water	sense		1	or bulk mixed (single 3. Identify diversion fa	e stream). cilities where	the construction and demolition was	te material collected will	
		Note: The effective flush volume of dua	I flush toilets is defined as th	e composite. average f	lush		1	be taken. 4. Identify construction	n methods en	nploved to reduce the amount of con	struction and demolition	
		volume of two reduced flushes and one	full flush.				1	waste generated.	unt of const	ruction and demolition waste materia	ls diverted shall be	
	4.303	1.2 Urinals. The effective flush volume	of wall mounted urinals sha	I not exceed 0.125 gall	ons per		1	calculated by weight	t or volume, b	out not by both.	ns uivei teu sildii be	
	riush.	the enective nush volume of all other up	ппать знан пот ехсеей 0.5 ga	nons per nusn.				4.408.3 WASTE MANAGEME		 Vtilize a waste management comp 	any, approved by the	
	4.303	1.3 snowerneads.				П		enforcing agency, which and demolition waste m	n can provide naterial diver	verifiable documentation that the pe ted from the landfill complies with Se	ction 4.408.1.	
		4.303.1.3.1 Single Showerhead. Shower gallons per minute at 80 psi. Show	erheads shall have a maximu werheads shall be certified to	m flow rate of not more the performance crite	e than 1.8 eria of the		1	Note: The owner or con	ntractor may	make the determination if the constr	uction and demolition	
		U.S. EPA WaterSense Specification	n for Showerheads.				1	waste materials will be	diverted by a	waste management company.		
		4.303.1.3.2 Multiple showerheads serve	ing one shower. When a sho	ower is served by more	than one			4.408.4 WASTE STREAM RED	UCTION ALT	ERNATIVE [LR]. Projects that generat	e a total combined	
		controlled by a single valve shall n	not exceed 1.8 gallons per mi	nute at 80 psi, or the sh	hower			lbs./sq.ft. of the building	g area shall m	neet the minimum 65% construction v	n do not exceed 3.4 waste reduction	
		shall be designed to only allow on	le shower outlet to be in ope	ration at a time.				requirement in Section	4.408.1			
		Note: A hand-held shower shall b	e considered a showerhead.					4.408.4.1 WASTE STRE weight of construction	AM REDUCTI and demolitic	ON ALTERNATIVE. Projects that gene on waste disposed of in landfills, which	erate a total combined h do not exceed 2 pounds	
	4.303	1.4 Faucets.						per square foot of the b	uilding area,	shall meet the minimum 65% constru	iction waste reduction	
		4.303.1.4.1 Residential Lavatory Fauce	ts. The maximum flow rate	of residential lavatory f	aucets				4.400.1			
		faucets shall not be less than 0.8 gallons	s per minute at 20 psi.	rate of residential lava	atory		-	4.408.5 DOCUMENTATION. L demonstrates complian	ce with Section	on shall be provided to the enforcing a on 4.408.2, items 1 through 5, Sectior	agency which h 4.408.3 or Section	
		4.303.1.4.2 Lavatory Faucets in Commo	on and Public Use Areas. Th	e maximum flow rate o	of lavatory			4.408.4				
		faucets installed in common and public in buildings shall not exceed 0.5 gallons pe	use areas (outside of dwellin r minute at 60 psi.	gs or sleeping units) in	residential			Notes:				
		A 303 1 4 2 Metering Founds - Motorin	a foucate when installed in a	ocidontial buildings sha	ll not			1. Sample forms	found in "A C	Suide to the California Green Building	Standards Code	
		deliver more than 0.2 gallons per cycle.	ig faucets when installed in r	esidential buildings sha	innoc			(Residential)" documenting	compliance w	ww.ncd.ca.gov/CALGreen.html may b vith this section.	e used to assist in	
		4.303.1.4.4 Kitchen Faucets. The maxir	mum flow rate of kitchen fau	cets shall not exceed 1	.8 gallons			 Mixed constru California Dep 	action and de artment of R	molition debris (C & D) processors ca esources Recycling and Recovery (Cal	n be located at the Recycle).	
		per minute at 60 psi. Kitchen faucets ma but not to exceed 2.2 gallons per minute	ay temporarily increase the f e at 60 psi, and must default	low above the maximu to a maximum flow rate	m rate, e of 1.8		-	4.410 BUILDING MAIN	TENANC	E AND OPERATION		
		gallons per minute at 60 psi.						4.410.1 OPERATION AND MA	INTENANCE I	MANUAL. At the time of final inspect	ion, a manual, compact	
		Note: Where complying faucets are una reduction	available, aerators or other n	eans may be used to a	chieve			the following shall be pl	aced in the b	uilding:	incy which includes an of	
								1. Directions to the ow	ner or occup	ant that the manual shall remain with	the building throughout	
		When installed, shall meet the requirem	nents in the California Code o	f Regulations, Title 20 ((Appliance			the life cycle of the s 2. Operation and main	structure. tenance instr	uctions for the following:		
		Efficiency Regulations), Sections 1605.1 (d)(7) and shall be equipped with an inte	(h)(4) Table H-2, Section 160 egral automatic shutoff.	5.3 (h)(4)(A), and Section	on 1607			a. Equipment an photovoltaic s	d appliances, systems, elect	including water-saving devices and s tric vehicle chargers, water-heating sy	ystems, HVAC systems, ystems and other major	
		FOR REFERENCE ONLY: The following tal	ble and code section have be	en reprinted from the	California			appliances and b Boof and yard	d equipment.	luding gutters and downshouts		
		Code of Regulations, Title 20 (Appliance 1605.3 (b)(4)(A)	Efficiency Regulations),Secti	on 1605.1 (h)(4) and Se	ection			c. Space conditio	ning systems	s, including condensers and air filters.		
		1005.5 (1)(4)(4)						e. Water reuse s	ystems.			
		TABLE H-2						reduce resource co	nsumption, in	icluding recycle programs and locatio	ns.	
								 Public transportatio Educational materia 	n and/or carp I on the posit	oool options available in the area. ive impacts of an interior relative hur	nidity between 30-60	
		STANDARDS FOR COMMERCI	TAL PRE-RINSE SPRAY	VALUES				percent and what m	ethods an oc	cupant may use to maintain the relat	ive humidity level in that	
			2				1	 Information about w conserve water 	ater-conserv	ring landscape and irrigation design a	nd controllers which	
		PRODUCT CLASS	MAXIMUM FLOV	/ RATE (gpm)			1	 Instructions for main least 5 feet away for 	ntaining gutte	ers and downspouts and the importar	nce of diverting water at	
		[op. cy lorce in ounce lorce (ozi)]					1	8. Information on requ	ired routine	maintenance measures, including, bu	t not limited to, caulking,	
		Product Class 1 (≤ 5.0 ozf)	1.00)			1	painting, grading arc 9. Information about s	ound the build tate solar ene	ung, etc. ergy and incentive programs available		
		Product Class 2 (> 5.0 ozf and ≤ 8.0 oz	zf) 1.20)			1	 A copy of all special Information from the 	inspections in Department	verifications required by the enforcing the of Forestry and Fire Protection on r	g agency or this code. maintenance of defensible	
		Product Class 3 (> 8.0 ozf)	1.2	3		ĽĻ.		space around resid	ential structu	ires.	orcements	
		Title 20 Section 1605.3 (h)(4)(A): Commo	ercial prerinse spray values r	nanufactured on or afte	er January	벁	1		ANTE M	ro E or more multiferative desalls	to ano constructed on a	
	grams-force	(gf)]	-, rorec or not less than 4.0				1	building site, provide readily a	ccessible are	a(s) that serves all buildings on the si	te and are identified for	
	4.303.2 Sub	meters for multifamily buildings and dw	velling units in mixed-used r	esidential/commercial				the depositing, storage and co paper, corrugated cardboard,	glass, plastics	on-hazardous materials for recycling, s, organic waster, and metals, or mee	including (at a minimum) t a lawfully enacted local	
	buildings. Subm	eters shall be installed to measure water	usage of individual rental d	velling units in accorda	ince with		1	recycling ordinance, if more re	estrictive.			
	the	California Plumbing Code.						Exception: Rural jurisdie Section 426	tions that me	eet and apply for the exemption in Pu	ublic Resources Code	
	4.303.3 Star accordance	dards for plumbing fixtures and fittings with the California Plumbing Code, and s	Plumbing fixtures and fitting the start of the start o	ngs shall be installed in idards referenced in Ta	ible		1	portion of th	his section.			
	1701.	L of the California Plumbing Code.						DIVISION 4.5 EI	VIRON	MENTAL QUALITY		
	THIST	ABLE COMPILES THE DATA IN SECTION	4.303.1, AND IS INCLUDED A	S A CONVENIENCE FOR	२		1	SECTION 4.501 GENE	RAL			
	THEU		D.LICE				1	•.501.1 Scope The provisions of this chapter	shall outline	means of reducing the quality of air c	contaminants that are	
	TABL		R USE				1	odorous, irritating and/or harr neighbors.	mful to the co	omfort and well being of a building's i	nstallers, occupants and	
SHOWER HEADS (RESIDENTIAL		RE TYPE	FLO	OW RATE			1	SECTION 4.502 DEFIN	ITIONS			
		ER HEADS (RESIDENTIAL)	1.8 G	/IP @ 80 PSI			1	5.102.1 DEFINITIONS	ed in Chanter	2 (and are included here for reference	e)	
	101/07	DRY FALICETS (RESIDENTIAL)	MAX 12 GPM @ 601		20 PSI		1		or product	include wheatboard stress	el substrates and door	
LAVATORY FAUCETS IN COMMON & PUBLIC LISE						1	cores, not including furniture,	fixtures and	equipment (FF&E) not considered bas	se building elements.		
	AREAS	JRT FAULE IS IN COMMON & PUBLIC US	0.5 GF	PM @ 60 PSI			1	COMPOSITE WOOD PRODUCT	rs. Composite	e wood products include hardwood p	lywood, particleboard and	
	KITCHE	N FAUCETS	1.8 GF	'M @ 60 PSI			1	medium density fiberboard. " structural panels, structural or	Composite we	ood products" does not include hards ber, oriented strand board. elued lan	board, structural plywood, ninated timber,	
	METER	ING FAUCETS	0.2 0	GAL/CYCLE			1	prefabricated wood I-joists or (CCR), title 17. Section 93120	finger-jointer 1.	d lumber, all as specified in California	Code of regulations	
	WATER	CLOSET	1.28	GAL/FLUSH			1	DIRECT-VENT ADDI JANICE A F	uel-burning -	nnliance with a sealed combust	stem that draws all air for	
	URINA	S	0.125	GAL/FLUSH				combustion from the outside	atmosphere a	and discharges all flue gases to the ou	itside atmosphere.	
		CLIENT INFORMATION	PROFESSIONAL						DRAWN R	Y : S.A	SHEET NAME	
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N/A RESPON PARTY NA RESPON TABLE 4.504.2 - SEALANT VOC LIMIT MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to Less Water and Less Exempt Compounds in Grams per Liter compound to the base reactive organic das (ROG) mixture per weight of compound added, expressed to hundredths of a gram (g O'/g ROC). Note: MIR values for individual compounds and hydrocarbon solvents are specified in CCR, Title 17, Sections 94700 and 94701. SEALANTS VOC LIMIT ARCHITECTURAL 250 MOISTURE CONTENT. The weight of the water in wood expressed in percentage of the weight of the oven-dry 760 MARINE DECK NONMEMBRANE ROOF PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging). Note: PWMIR is calculated according to equations found in CCR, Title 17, Section 94521 (a). ROADWA 450 SINGLE-PLY ROOF MEMBRANE 420 OTHER REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere. SEALANT PRIMERS VOC. A volatile organic compound (VOC) broadly defined as a chemical compound based on carbon chains o with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These comdot stypic contain hydrogen and may contain oxygen, hirosgen and other elements. See CCR Title 17, Section 94508[a]. ARCHITECTURAL or rings cally 250 NON-POROUS POROUS 775 4.503 FIREPLACES 4.503.1 GENERAL. Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances. 500 MODIFIED BITUMINOUS ARINE DECH 760 750 4.504 POLIUTANT CONTROL 4.504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. At the time of rough installation, during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of water, dust or debris which may enter the system. 4.504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with this section TABLE 4.504.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS2, 4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealant and caulks used on the project shall meet the requirements of the following standards unless more stringent local or regional air pollution or air quality management district rules apply: GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable or SCAQMD Rule 1168 VOC limits, as shown in Table 4.504.1 or 4.504.2, as applicable. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, methylene and tricloroethylene), except for aerosol products, as specified in Subsection 2 below. COATING CATEGORY VOC LIMIT FLAT COATINGS 50 NON-FLAT COATINGS 100 NONFLAT-HIGH GLOSS COATINGS 150 Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than 1 pound and do not consist of more than 16 fuid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *Colifornia Code of Regulations*, Title 17, commencing with section 94507. SPECIALTY COATINGS 400 ALUMINUM ROOF COATINGS BASEMENT SPECIALTY COATING 400 BITUMINOUS ROOF COATINGS 50 4.504.2.2 Paints and Coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4.504.3 shall be determined by classifying the coating as a flat, Nonflat or Nonflat relimit for coatings Board on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources Board, Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 4.504.3 shall apply. BITUMINOUS ROOF PRIMERS 350 BOND BREAKERS 350 CONCRETE CURING COMPOUNDS 350 CONCRETE/MASONRY SEALERS 100 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and coatings shall meet the Product-weighted MIR Limits for ROC in Section 94522(a)(2) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(e)(1) and (f)(1) of California Code of Regulations, Title 17, commencing with Section 94520, and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8, Rule 49. 50 DRIVEWAY SEALERS DRY FOG COATINGS 150 AUX FINISHING COATING 350 FIRE RESISTIVE COATINGS 350 FLOOR COATINGS 100 4.504.2.4 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following: FORM-RELEASE COMPOUNDS 250 Manufacturer's product specification. Field verification of on-site product containers GRAPHIC ARTS COATINGS (SIGN PAINTS) 500 HIGH TEMPERATURE COATINGS 420 INDUSTRIAL MAINTENANCE COATINGS 250 TABLE 4.504.1 - ADHESIVE VOC LIMIT1,2 LOW SOLIDS COATING 120 (Less Water and Less Exempt Compounds in Grams per Liter) MAGNESITE CEMENT COATINGS 450 ARCHITECTURAL APPLICATIONS VOC LIMIT MASTIC TEXTURE COATINGS 100 INDOOR CARPET ADHESIVES 50 METALLIC PIGMENTED COATINGS 500 50 CARPET PAD ADHESIVES MULTICOLOR COATINGS 250 OUTDOOR CARPET ADHESIVES PRETREATMENT WASH PRIMERS 420 100 WOOD FLOORING ADHESIVES PRIMERS, SEALERS, & UNDERCOATERS 100 RUBBER FLOOR ADHESIVES 60 REACTIVE PENETRATING SEALERS 350 SUBFLOOR ADHESIVES 50 RECYCLED COATINGS 250 65 CERAMIC TILE ADHESIVES ROOF COATINGS 50 50 VCT & ASPHALT TILE ADHESIVES RUST PREVENTATIVE COATINGS 250 50 DRYWALL & PANEL ADHESIVES SHELLACS COVE BASE ADHESIVES 50 CLEAR 730 MULTIPURPOSE CONSTRUCTION ADHESIVE 70 550 OPAQUE STRUCTURAL GLAZING ADHESIVES 100 SPECIALTY PRIMERS, SEALERS & 100 SINGLE-PLY ROOF MEMBRANE ADHESIVES 250 UNDERCOATER OTHER ADHESIVES NOT LISTED 50 STAINS 250 450 SPECIALTY APPLICATIONS STONE CONSOLIDANTS 510 SWIMMING POOL COATINGS 340 PVC WELDING CPVC WELDING 490 TRAFFIC MARKING COATINGS 100 325 TUB & TILE REFINISH COATINGS 420 ABS WELDING 250 WATERPROOFING MEMBRANES 250 PLASTIC CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC 550 WOOD COATINGS 275 80 WOOD PRESERVATIVES 350 CONTACT ADHESIVE SPECIAL PURPOSE CONTACT ADHESIVE ZINC-RICH PRIMERS 340 GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMP 140 STRUCTURAL WOOD MEMBER ADHESIVE 250 TOP & TRIM ADHESIVE 2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE. SUBSTRATE SPECIFIC APPLICATIONS VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. J., 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD. 30 METAL TO METAL PLASTIC FOAMS 50 POROUS MATERIAL (EXCEPT WOOD) 50 WOOD 30 80 FIBERGLASS 1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED. 2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168. CLIENT INFORMATION PROFESSIONAL SHEET NAME DRAWN BY : S.A HUNG NGUYEN NEW MAIN HOUSE / JADU SCALE : AS NOTED CGBSC-2 hungnguyen_@msn.com DATE : 2/15/2025 STRUCTURAL ENGINEER 1279 LAS PALMAS DR SHEET NUMBER

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						CHAPTER 7		
	TABLE 4.504.5 - FORMAL	DEHYDE LIMITS1	N			INSTALLER &	SPECIAL INSPECTOR QUALIF	ICATIONS
	PRODUCT	CURREN			_	702 QUALIFICA	TIONS	and certified in the proper
	HARDWOOD PLYWOOD VENEER (CORE 0.0	05			installation of HVAC syste certification program. Un	ms including ducts and equipment by a nationally or i certified persons may perform HVAC installations wh	egionally recognized training or en under the direct supervision and
	PARTICLE BOARD	0.0	09			responsibility of a person systems. Examples of acc following:	trained and certified to install HVAC systems or contr eptable HVAC training and certification programs incl	actor licensed to install HVAC ude but are not limited to the
	MEDIUM DENSITY FIBERBOARD	0.1 ABD2 0.1	1			1. State certified a	pprenticeship programs.	
	1. VALUES IN THIS TABLE ARE DE	RIVED FROM THOSE SPECIFIE	D BY THE			 Public utility tra Training program organizations. 	ining programs. ms sponsored by trade, labor or statewide energy cor	sulting or verification
	CALIF. AIR RESOURCES BOARD, AI COMPOSITE WOOD AS TESTED IN FOR ADDITIONAL INFORMATION	IR TOXICS CONTROL MEASUR ACCORDANCE WITH ASTM E	E FOR 1333. TIONS		-	 Programs spons Other programs 	ored by manufacturing organizations. acceptable to the enforcing agency.	
	TITLE 17, SECTIONS 93120 THROU	UGH 93120.12.				702.2 SPECIAL INSI responsible entity acting a	PECTION [HCD]. When required by the enforcir as the owner's agent shall employ one or more specia	g agency, the owner or the I inspectors to provide inspection
	2. THIN MEDIUM DENSITY FIBERE OF 5/16" (8 MM).	BOARD HAS A MAXIMUM TH	ICKNESS			or other duties necessary competence to the satisfa performed. In addition to	to substantiate compliance with this code. Special in iction of the enforcing agency for the particular type or other certifications or qualifications accentable to the	spectors shall demonstrate of inspection or task to be e enforcing agency, the following
	DIVISION 4.5 ENVIRONMEN	TAL QUALITY (co	ontinued)			certifications or education special inspector:	n may be considered by the enforcing agency when ev	aluating the qualifications of a
	4.504.3 CARPET SYSTEMS. All carpet installed in the California Department of Public Health, "Standard N	e building interior shall meet Aethod for the Testing and Ev	the requirements of the aluation of Volatile Organic			 Certification by Certification by 	a national or regional green building program or stan a statewide energy consulting or verification organiza	dard publisher. tion, such as HERS raters, building
	testing method for California Specification 01350)	ronmental Chambers," Versio	n 1.2, January 2017 (Emission			9 performa 3. Successful comp 4. Other programs	nce contractors, and home energy auditors. eletion of a third party apprentice training program in acceptable to the enforcing agency.	the appropriate trade.
	See California Department of Public Health's website	e for certification programs a	nd testing labs.			Notes:		
	4.504.3.1 Carpet cushion. All carpet cushion i	installed in the building interio	 or shall meet the requirements of			1. Special in: project th 2. HERS rate	spectors shall be independent entities with no financi ey are inspecting for compliance with this code. rs are special inspectors certified by the California En	al interest in the materials or the ergy Commission (CEC) to rate
	the California Department of Public Health, "S Organic Chemical Emissions from Indoor Sour 2017 (Emission testing method for California S	Standard Method for the Test rces Using Environmental Cha Specification 01350)	ing and Evaluation of Volatile mbers," Version 1.2, January			homes in	California according to the Home Energy Rating Syste	m (HERS).
	See California Department of Public Health's v	website for certification progr	ams and testing labs.			shall employ one or more compliance with this code	special inspectors to provide inspection or other duti . Special inspectors spall demonstrate competence t	es necessary to substantiate o the satisfaction of the enforcing
	https://www.cdph.ca.gov/Programs/CCDPHP,	/DEODC/EHLB/IAQ/Pages/VO	C.aspx.			agency for the particular t certification from a recogn	type of inspection or task to be performed. In addition nized state, national or international association, as d be closely related to the primary lob function, as date	n, the special inspector shall have a etermined by the local agency. The rmined by the local agency.
	4.504.3.2 Carpet adhesive. All carpet adhesiv	e shall meet the requirement	s of Table 4.504.1.			Note: Special inspe	ectors shall be independent entities with no financial i	nterest in the materials or the
	 +.504.4 RESILIENT FLOORING SYSTEMS. Where respectively resilient flooring shall meet the requirements of the the Testing and Evaluation of Volatile Organic Chem 	sment nooring is installed , at California Department of Pub nical Emissions from Indoor So	least 80% of floor area receiving blic Health, "Standard Method for burces Using Environmental		_	project they a	are inspecting for compliance with this code.	
	Chambers," Version 1.2, January 2017 (Emission tes	ting method for California Spe	ecification 01350)	Π		703 VERIFICAT		with this and shall include her !-
	https://www.cdph.ca.gov/Programs/CCDPHP/DEOE	DC/EHLB/IAQ/Pages/VOC.asp	K.			not limited to, construction or other methods accepta	on documents, plans, specifications, builder or installe bible to the enforcing agency which demonstrate subst	r certification, inspection reports, antial conformance. When specific
	4.504.5 COMPOSITE WOOD PRODUCTS. Hardwood	d plywood, particleboard and	medium density fiberboard			documentation or special specified in the appropria	inspection is necessary to verify compliance, that me te section or identified applicable checklist.	thod of compliance will be
	composite wood products used on the interior or ex formaldehyde as specified in ARB's Air Toxics	control Measure for Compos	eet the requirements for ite Wood (17 CCR 93120 et seq.),					
	4.504.5.1 Documentation. Verification of cor	ions, as shown in Table 4.504. mpliance with this section sha	5 Il be provided as requested					
	by the enforcing agency. Documentatio	on shall include at least one of	the following:					
	 Chain of custody certifications. Product labeled and invoiced as mer 	eting the Composite Wood Pr	oducts regulation (see					
	CCR, Title 17, Section 93120, et seq. 4. Exterior grade products marked as r Wood Association, the Australian AS	.). meeting the PS-1 or PS-2 stan S/NZS 2269, European 626 25	dards of the Engineered					
	0121, CSA 0151, CSA 0153 and CSA 0 5. Other methods acceptable to the er	0325 standards. nforcing agency.	standards, and canadian CSA					
	4.505 INTERIOR MOISTURE CONTROL 4.505.1 General. Buildings shall meet or exceed the	e provisions of the California E	Building Standards Code.					
	4.505.2 CONCRETE SLAB FOUNDATIONS. Concrete California Building Code, Chapter 19, or concrete sla	slab foundations required to ab-on-ground floors required to	have a vapor retarder by to have a vapor retarder by the					
	California Residential Code, Chapter 5, shall also cor 4.505.2.1 Capillary break. A capillary break sl	mply with this section. hall be installed in compliance	e with at least one of the					
	following:	/2 inch (12 7mm) or larger cle	an aggregate shall be provided					
	with a vapor barrier in direct contact wi bleeding, shrinkage, and curling, shall b	ith concrete and a concrete m be used. For additional inform	ation, see American Concrete					
	Institute, ACI 302.2R-06. 2. Other equivalent methods approved 3. A slab design specified by a licensed	d by the enforcing agency.						
	4.505.3 MOISTURE CONTENT OF BUILDING MATER	IALS. Building materials with	visible signs of water damage					
	moisture content. Moisture content shall be verified	d in compliance with the follo	wing:					
	 Moisture content shall be determined with meter. Equivalent moisture verification metho requirements found in Section 101.8 of this co- regulation in the section of the sect	h either a probe-type or conta ods may be approved by the e	act-type moisture nforcing agency and shall satisfy					
	 Moisture readings shall be taken at a point stamped end of each piece verified. 	it 2 feet (610 mm) to 4 feet (1	219 mm) from the grade					
	 At least three random moisture readings s documentation acceptable to the enforcing at and floor framing. 	shall be performed on wall an gency provided at the time of	d floor framing with approval to enclose the wall					
	Insulation products which are visibly wet or have a h	high moisture content shall be	replaced or allowed to dry prior					
55	recommendations prior to enclosure.	isulation products shall follow	the manufacturers drying					
	4.506 INDOOR AIR QUALITY AND EXH 4.506.1 Bathroom exhaust fans. Each bathroom sh following:	IAUST all be mechanically ventilated	and shall comply with the					
	1. Fans shall be ENERGY STAR compliant and	be ducted to terminate outsi	de the building.					
	 Unless functioning as a component of a windle humidity control. 	note house ventilation system	rans must be controlled by a					
	 a. Humidity controls shall be capable o equal to 50% to a maximum of 80%. of adjustment 	of adjustment between a relat . A humidity control may utili	ive humidity range less than or ze manual or automatic means					
	b. A humidity control may be a separat integral (i.e., built-in)	te component to the exhaust	fan and is not required to be					
	Notes:							
	 For the purposes of this section, a b tub/shower combination. 	athroom is a room which con	tains a bathtub, shower or					
	2. Lighting integral to bathroom exhau	ist tans shall comply with the	California Energy Code.					
	4.507.2 HEATING AND AIR-CONDITIONING SYSTEM designed and have their equipment selected using t	1 DESIGN. Heating and air cor the following methods:	nditioning systems shall be sized,					
	 The heat loss and heat gain is established in Load Calculation), ASHRAE handbooks or compared to the set of the set of	according to ANSI/ACCA 2 Ma other equivalent design softw	inual J - 2011 (Residential are or methods.					
	 Duct systems are sized according to ANSI/ ASHRAE handbooks or other equivalent de 3. Select beating and cooling equipment according and cooling equipment according to accordi	ACCA 1 Manual D - 2014 (Res esign software or methods. ording to ANSU/ACCA 2 Manual	idential Duct Systems), al S - 2014 (Residential					
	Equipment Selection), or other equivalent	design software or methods.	2 2014 Inconcinual					
	Exception: Use of alternate design temperat acceptable.	tures necessary to ensure the	system functions are					
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TON - THIS PLAN IS FOR BUILDING DEPARTMENT REVIEW ONLY. SUBJECT TO REVISION

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	0	DOOR SCH		
TYPE MARK	WIDTH	HEIGHT	REMARKS	COUNT
D1	20'-0"	8'-0"	GARAGE DOOR	1
D2	3'-0"	8'-0"	SINGLE DOOR	3
D3	5'-0"	6'-8"- 3'-4"	BI-FOLD DOOR	1
D4	3'-4"	6'-8"	BI-FOLD DOOR	1
D5	2'-8"	7'-0"	SINGLE DOOR	7
D6	2'-6"	7'-0"	SINGLE DOOR	7
D7	2'-4"	7'-0"	SINGLE DOOR	1
D8	4'-0"	6'-8"	SLIDING DOOR	2
D9	9'-0"	8'-0"	SLIDING DOOR	1
D10	6'-0"	6'-8"	SLIDING DOOR	1
D11	8'-0"	6'-8"	SLIDING DOOR	1
D12	7'-0"	6'-8"	SLIDING DOOR	1

WINDOW SCHEDULE							
TYPE MARK	WIDTH	HEIGHT	REMARKS	COUNT			
А	2'-6"	6'-0"	CASEMENT WINDOW	3			
В	12'-0"	6'-0"	CASEMENT WINDOW	2			
С	C 6'-0" 6'-0"		CASEMENT WINDOW	1			
D	2'-6"	2'-0"	CASEMENT WINDOW	1			
E	2'-6"	3'-0"	CASEMENT WINDOW	1			
F	5'-0"	6'-0"	CASEMENT WINDOW	2			
G	4'-0"	3'-0"	CASEMENT WINDOW	1			
н	3'-0"	3'-0"	FIXED WINDOW	1			
J	3'-0"	2'-0"	CASEMENT WINDOW	3			
к	3'-0"	5'-0"	CASEMENT WINDOW	4			
L	6'-0"	3'-0"	CASEMENT WINDOW	2			
м	2'-6"	2'-4"	CASEMENT WINDOW	2			

CLIENT INFORMATION HUNG NGUYEN hungnguyen_@msn.com STRUCTURAL ENGINEER

PROFESSIONAL SEAL

NEW MAIN HOUSE / JADU

1279 LAS PALMAS DR SANTA CLARA, CA 95051

SHEET NAME DRAWN BY : S.A DOOR AND WINDOW SCHEDULE SCALE : AS NOTED DATE : 2/15/2025 SHEET NUMBER JOB NO. A-05.1

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LIGHTING NOTES:			RECESS LIGHTING NOTES:	RESIDENTIAL ENERGY LIGHTING REQUIREMENTS (ES 150.0(K))		
- GARAGE, LAUNDI SHALL BE HIGH EFF - LUMINAIRES ANE (MANUAL-ON OCC THAT COMPLIES W HAVE A CONTROL TURRED ON AUTO ALLOWING THE LU - ALL RECESS LIGHT AND AIR-T. - CF-2R-LTG-01E FC BUILDING INSPECT	GARAGE, LAUNDRY ROOM AND UTILITY ROOM LIGHTING SHALL BE HIGH EFFICACY. LUMINAIRES AND CONTROLLED BY A VACANCY SENSOR MANUAL-ON OCCUPANCY SENSOR) AND MOTION SENSOR THAT COMPLIES WITH CEC SECTION 110.9(B) AND SHALL NOT 4AVE A CONTROL THAT ALLOWS THE LUMINAIRES TO BE TURNED ON AUTOMATICALLY OR THAT HAS AN OVERRIDE ALLOWING THE LUMINAIRES TO BE ALWAYS ON. - ALL RECESS LIGHTS SHALL BE IC RATED, ELECTRONIC BALLAST AND AIR-T. - CF-2R-LTG-01E FORM MUST BE PROVIDED TO THE CITY BUILDING INSPECTOR, PRIOR TO FINAL INSPECTION.		RECESS LIGHTING NOTES: - ALL RECESSED LIGHTS SHALL BE IC-RATED, ELECTRONIC BALLAST, AND AIR-TIGHT (AT-RATED) FOR SUCH RECESSED LUMINAIRES. - RECESSED LIGHT FIXTURES IN INSULATED CEILINGS SHALL BE APPROVED, LISTED, ZERO-CLEARANCE INSULATION COVER (IC) TYPE, CERTIFIED AIR-TIGHT (ASTM E 282), AND SEALED WITH A GASKET OR CAULKING BETWEEN THE HOUSING AND CEILING. - FIXTURES SHALL BE CERTIFIED TO COMPLY WITH SECTION 1199(N) AND SHALL ALLOW BALLAST MAINTENANCE AND REPLACEMENT TO BE READILY ACCESSIBLE TO BUILDING OCCUPANTS FROM BELOW (CEC 150(K)12 / TITLE 24).	 ALL LUMINAIRES SHALL BE HIGH-EFFICIENCY IN ACCORDANCE WITH ES TABLE 150.0-A. LIGHT SOURCES THAT ARE NOT MARKED "JA8-2016-E" SHALL NOT BE INSTALLED IN ENCLOSED LUMINAIRES. IN BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS, AT LEAST ONE LUMINAIRE SHALL BE CONTROLLED BY A VACANCY SENSOR. DIMMERS OR VACANCY SENSORS SHALL CONTROL ALL LED-STYLE LUMINAIRES, WITH TWO EXCEPTIONS: - FIXTURES INSTALLED IN HALLWAYS 		
NEW BATHROOMS - NEW 20AMP DED - FLUORESCENT LIC HIGH EFFICACY. - GFCI OUTLETS. - ELECTRICAL AIR V DIRECTLY VENTED LOCATIONS). - 1.28g TOILETS 24	NEW BATHROOMS: - NEW 20AMP DEDICATED CIRCUIT FOR BATH ROOM. - FLUORESCENT LIGHTS (SUITABLE FOR DAMP LOCATIONS)/ HIGH EFFICACY. - GFCI OUTLETS. - ELECTRICAL AIR VENT (EXHAUST) 50 CUBIC FEET MIN, DIRECTLY VENTED TO OUTSIDE (SUITABLE FOR DAMP LOCATIONS).		WINDOWS NOTES: - THE NFRC LABELS, WHICH STATE THE REQUIRED U-VALUE AND SHGC FOR ALL FENESTRATION PRODUCTS, SHALL NOT BE REMOVED PRIOR TO INSPECTION OR REMOVAL BY A BUILDING INSPECTOR. - THE VALUES ON THE LABELS SHALL MATCH THE ENERGY REPORT.	4. RECESSED CAN LIGHT FIXTU AIR-TIGHT LABELED, AND SHAI STANDARD MEDIUM BASE SCR 5. SFD OUTDOOR LIGHTING FI A BUILDING ARE REQUIRED TC - BE HIGH EFFICIENCY - HAVE A MANUAL ON/OFF SC	RES SHALL BE IC-LISTED, LL NOT BE EQUIPPED WITH A VEW LAMP HOLDER. KTURES THAT ARE ATTACHED TO D: WITCH	
CENTER TO THE SIL - TEMPER GLASS A	DE WALL FIXTURE. T BATHTUB ENCLOSURES.		ELECTRICAL NOTES:	- HAVE BOTH MOTION SENSO		
- SHOWER AREA TH - NON-ABSORBENT UNDER LAYMENT (GYPSUM, TO A HEI - SHOWER PAN SH. FINISH DIMENSION SHOWER PAN SH. FINISH DIMENSION SHOWER DOORS S THAN A 22" UNOB - SHOWER HEAD TH FAUCETS TO HAVE LAVATORY FAUCET - SHOWER AND TU PROVIDED WITH IN PRESSURE BALANC TYPE.	TEMPER GLASS AT BATHTUB ENCLOSURES. SHOWER AREA THAT HAS WALLS TO BE HARD, NON-ABSORBENT SURFACE OVER MOISTURE RESISTANT INDER LAYMENT CEMENT FIBER CEMENT GLASS MAT SYPSUM, TO A HEIGHT OF 72" ABOVE DRAIN INLET. SHOWER PAN SHALL BE 1.05 CUBIC INCHES AND A MINIMUM INISH DIMENSION OF 30" X 30" INCHES IN ANY DIRECTION HOWER DOORS SHALL OPEN SO AS TO MAINTAIN NOT LESS "HAN A 22" UNOBSTRUCTED CLEAR OPENING. SHOWER HEAD TO HAVE A MAX FLOW OF 1.8GPM AND AUCETS TO HAVE A MAX FLOW OF 1.8GPM AND AUCETS TO HAVE A MAX FLOW OF 1.8GPM AND AVATORY FAUCETS. SHOWER AND TUB-SHOWER COMBINATIONS SHALL BE "ROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE "RESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE "YPE.		DEDICATED 20-AMP CIRCUIT REQUIRED FOR: KITCHEN COUNTER, DISHWASHER, REFRIGERATOR, MICROWAVE OVEN, HOOD, AND GARBAGE DISPOSAL. ALL RECEPTACLES MUST BE TAMPER-RESISTANT. RECEPTACLES MAY NOT BE LOCATED MORE THAN 12 INCHES BELOW THE COUNTER SURFACE AND SHALL NOT BE INSTALLED BELOW A COUNTER THAT EXTENDS MORE THAN 6 INCHES BEYOND THE COUNTER EDGE. INTERIOR LIGHTING SWITCHING DEVICES AND CONTROLS INTERIOR LIGHTING SWITCHING DEVICES AND CONTROLS SHALL COMPLY WITH THE FOI DWING:		INAL CUNTRUL UP HUNS.	
GENERAL UTILIT	Y NOTES:		1. ALL FORWARD PHASE-CUT DIMMERS USED WITH LED LIGHT			
GENERAL UTILITY NOTES:		D SWITCHES IRPOSES ONLY. SHALL JIRED TO JDE WITH A RS PLACED IN OR ROAD	 2. EXHAUST FANS SHALL BE CONTROLLED SEPARATELY FROM LIGHTING FIXTURES. 3. LIGHTING SHALL HAVE READILY ACCESSIBLE WALL-MOUNTED CONTROLS THAT ALLOW THE LIGHTING TO BE MANUALLY TURNED ON OR OFF. 4. IN BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS, AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY AN OCCUPANT OR VACANCY SENSOR PROVIDING AUTOMATIC OFF FUNCTIONALITY. - IF AN OCCUPANCY SENSOR IS INSTALLED, IT SHALL BE INITIALLY CONFIGURED TO MANUAL-ON OPERATION USING THE MANUAL CONTROL REQUIRED UNDER SECTION 150.0(K)2C. 5. LUMINAIRES THAT ARE OR CONTAIN LIGHT SOURCES THAT MEET REFERENCE JOINT APPENDIX JA8 REQUIREMENTS FOR DIMMING, AND THAT ARE NOT CONTROLLED BY OCCUPANCY OR VACANCY SENSORS, SHALL HAVE DIMMING CONTROLS. 			
- MINIMUM 4" H - NUMBERS SHAI VISIBILITY DURING	IGH WITH A 1/2" STROKE. L BE INTERNALLY ILLUMINAT DARK HOURS (FMC 5-239(2))	ED TO ENSURE (A)).	6. UNDER-CABINET LIGHTING SHALL BE CONTROLLED SEPARATELY FROM CEILING-INSTALLED LIGHTING SO THAT ONE CAN BE TURNED ON WITHOUT TURNING ON THE OTHER.			
 ALL RECEPTACLE OUTLET LOCATIONS SHALL COMPLY WITH CEC ARTICLE 210.52: SPACING REQUIREMENT: NO POINT ALONG THE FLOOR LINE OF ANY WALL SPACE SHALL BE MORE THAN 6 FEET FROM AN OUTLET IN THAT SPACE. ALL 125-VOLT, 15-20 AMP RECEPTACLES SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES. 			BRANCH CIRCUIT REQUIREMENTS ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE OUTLETS INSTALLED IN DWELLING UNIT SPACES—INCLUDING: - FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SURROOMS, RECREATION BOOMS AND MALIWAYS COSTANT OF SUMMAR RECREATION			
5. ELECTRICAL DEVICE SPECIFICATIONS FOR DWELLINGS: A. TAMPER-RESISTANT RECEPTACLES ARE REQUIRED FOR ALL LOCATIONS DESCRIBED IN CEC 210.52 (I.E., ALL RECEPTACLES IN DWELLINGS). B. WEATHER-RESISTANT RECEPTACLES MUST BE INSTALLED IN DAMP OR WET LOCATIONS (OUTDOOR AREAS). C. ARC-FAULT PROTECTION IS REQUIRED FOR ALL OUTLETS (NOT JUST RECEPTACLES) IN ROOMS SPECIFIED IN NEC 210.12(A), INCLUDING: - KITCHENS, LAUNDRY AREAS, FAMILY ROOMS, LIVING ROOMS, BEDROOMS, DINING ROOMS, HALLWAYS, ETC. D. GFCI-PROTECTED OUTLETS ARE REQUIRED FOR LOCATIONS SPECIFIED IN NEC 210.8(A), INCLUDING: - LAUNDRY AREAS, KITCHEN DISHWASHERS, KITCHENS, GARAGES, BATHROOMS, OUTDOOR LOCATIONS, AND WITHIN 6 FEET OF A SINK, ETC.			ROOMS, HALLWAYS, CLOSETS, OR SIMILAR ROOMS OR AREAS— SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER (AFCI), INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.		SHEET NAME	
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	STRUCTURAL ENGINEER		1279 LAS PALMAS DR	IOR NO -	SHEET NUMBER	
			SANTA CLARA, CA 95051	טא טענ	E-03	

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HVAC GENERA	L NOTES		
CONTRACTOR SHALL CAREFULLY REVIEW THESE PLANS AND SHALL ALSO REVIEW PLANS AND SPECIFICATIONS OF OTHER AND ELECTRICAL)PRIOR TO BID TO ENSURE AN ACCURATE UN ITEMS REQUIRING CLARIFICATION SHALL BE BROUGHT TO TH TIME TO BE INCORPORATED INTO THE BID.	SPECIFICATIONS PRIOR TO BID.CONTRACTOR RELATED TRADES (INCLUDING CIVIL,STRUCTURAL NDERSTANDING OF EXACT SCOPE OF WORK.ANY IE ATTENTION OF THE ARCHITECT IN SUFFICIENT		
CONTRACTOR SHALL VERIFY ALL EQUIPMENT MODEL NUMBE OTHER SCHEDULED INFORMATION WITH ALL OTHER APPLICA MANUFACTURER PRIOR TO INSTALLATION.	RS,CAPACITIES,SIZES,VOLTAGES AND ALL BBLE TRADES AND WITH THE		
CONTRACTOR SHALL VERIFY ALL LOCATIONS,SIZES,P.O.C.'S AN OUTSIDE AIR,CWS & CWR,EXHAUST ETC.) PRIOR TO INSTALLA	ID AVAILABILITY OF ALL EXISTING ITEMS (I.E.: TION OF ANY MATERIAL OR EQUIPMENT.		
THESE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND AR OFFSETS OF DUCTWORK AND PIPING.THE CONTRACTOR SHA MANNER AS TO CONFORM TO STRUCTURE,AVOID OBSTRUCT OPENINGS AND PASSAGEWAYS CLEAR.ALL INSTALLATIONS SI ACCEPTABLE, INDUSTRY STANDARDS.THE CONTRACTOR SHA DISCREPANCIES OR CONFLICTS THAT WOULD AFFECT THE SY ADDITIONAL COSTS. THIS NOTIFICATION SHALL BE MADE PRI CONCERNED.	RE NOT INTENDED TO INDICATE ALL NECESSARY LL INSTALL MATERIAL AND EQUIPMENT IN A FIONS,PRESERVE HEADROOM,AND KEEP 4ALL BE CONSISTENT WITH NORMALLY LL NOTIFY THE ARCHITECT IN WRITING OF ANY STEM PERFORMANCE OR WHICH WOULD INCUR OR TO THE INSTALLATION OF THE ITEMS		
NEW AND/OR EXISTING EQUIPMENT INDICATED ON THIS DR/ CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS STRUCTURAL MEMBERS PRIOR TO INSTALLATION.IN ALL CASE RECOMMENDATIONS AND CODE COMPLIANCE) FOR MAINTEI BE PROVIDED.	AWING IS SHOWN IN APPROXIMATE POSITION(S). INCLUDING EQUIPMENT LOCATIONS,P.O.C'S AND ES,ADEQUATE ACCESS (PER MANUFACTURER'S NANCE AND REPLACEMENT OF EQUIPMENT SHALL		
ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLIC OR STATED IN THE SPECIFICATIONS IS INTENDED TO INDICATE ANY ITEM OR DEVICE SHOULD BE DONE CONTRARY TO THE M APPLICABLE CODES AND REGULATIONS.THE CONTRACTOR IS AND CONNECTIONS OF ALL ITEMS AND DEVICES CONFORM TO APPLICABLE CODES AND REGULATIONS.	CABLE CODES.NOTHING SHOWN IN THE PLANS E THAT THE INSTALLATION OF CONNECTIONS OF TANUFACTURER'S INSTRUCTIONS AND ALL RESPONSIBLE TO ENSURE THAT THE INSTALLATION O MANUFACTURER'S INSTRUCTIONS AND TO ALL		
ALL HVAC EQUIPMENT, MATERIAL, AND ALL CONNECTION THE MANUFACTURER'S INSTRUCTIONS TO PROVIDE A COMPLETE	RETO SHALL BE INSTALLED COMPLETE PER AND FULLY OPERATIONAL SYSTEM.		
OUCT SIZES INDICATED ON DRAWINGS ARE INSIDE NET CLEAP	RANCE DIMENSIONS.		
CONTRACTOR MAY,AT HIS OPTION,REVISE DUCTWORK SIZING THE AVAILABLE SPACE.DUCTWORK THAT IS RESIZED MUST M. DUCT IS LIMITED TO A MAXIMUM OF S' AT EACH REGISTER.	G AND ROUTING TO ALLOW FOR INSTALLATION IN AINTAIN THE SAME CROSS-SECTIONAL AREA.FLEX		
).ALL NEW SUPPLY ,RETURN,AND EXHAUST (AIR DISTRIBUTIOI IF APPLICABLE) EXISTING,AND BE APPROVED BY ARCHITECT.T	N) GRILLES,REGISTERS,AND DIFFUSERS SHALL MATCH HE MAXIMUM NOISE NC LEVEL SHALL BE 35.		
. ALL SUPPLY, RETURN, AND EXHAUST REGISTER CONNECTION ACCESSIBLE MANUAL VOLUME DAMPERS. ALTERNATIVELY, AC PROVIDED IN DUCT WORK FEEDER LINES SERVING INDIVIDUA	IS TO DUCT WORK SHALL BE PROVIDED WITH CESSIBLE MANUAL VOLUME DAMPERS MAY BE L REGISTERS.		
2.SUBSTITUTION OF HVAC EQUIPMENT WITH EFFICIENCIES LO REQUIRE RECALCULATION OF TITLE 24 DOCUMENTS.IF THE CC 4E ASSUMES FULL RESPONSIBILITY FOR THE RECALCULATION 24 DOCUMENTS.	WER THAT THOSE INDICATED ON THE PLANS MAY INTRACTOR CHOOSES TO UTILIZE SUCH EQUIPMENT, AND JURISDICTIONAL APPROVAL OF TITLE		
B.IF THE CONTRACTOR'S USE OF SUBSTITUTE MATERIALS, EQU ANY CHANGES IN OTHER TRADES' WORK FROM THAT SHOWI OTHER TRADES' WORK SHALL BE THE RESPONSIBILITY OF THE	IPMENT,OR METHODS OF INSTALLATION REQUIRES N ON THE DRAWINGS,THE EXTRA COST OF THE E CONTRACTOR INITIATING THE SUBSTITUTION.		
SUBMITTALS: APPROVAL OF SUBMITTALS DOES NOT RELEAS WITH ALL REQUIREMENTS OF THE CONSTRUCTION DOCUME	E THE CONTRACTOR FROM OBLIGATIONS TO COMPLY NTS OR APPLICABLE CODE REGULATIONS.		
WHERE NONMETALLIC PIPING PENETRATES AREA SEPARATION IN THE FIXTURE CONNECTIONS THERETO SHALL	ON WALLS,THE PIPE SECTION PASSING THROUGH . BE METAL ONLY.		
.NO RANGE HOODS,DRYER VENTS,COMBUSTION VENTS,OR H NALLS.	IEATING DUCTS ARE PERMITTED IN AREA SEPERATION		
. A. CONTRACTOR TO VERIFY LOCATION OF FIRE AND FIRE/SM TO FIRE AND/OR SMOKE DAMPER,DETECTOR AND ACTUA	NOKE BARRIER WALLS WITH ARCHITECT PRIOR TOR INSTALLATION.		
 ALL CEILING FIRE DAMPERS TO BE ONE (1) HOUR U.L AND ALL FIRE RATED WALLS SHALL BE PROVIDED WITH U.L.AND 	C.S.F.M. APPROVED. 0 C.S.F.M APPROVED SMOKE/FIRE DAMPERS		
(EQUAL TO WALL RATING),MOTOR,ACTUATOR,AND SMOK D. ALL SMOKE BARRIER WALLS SHALL BE PROVIDED WITH U.I	E DETECTOR. L. AND C.S.F.M. APPROVED SMOKE/FIRE DAMPERS		
E. ALL PENETRATIONS OF ONE (1) HOUR CORRIDOR WALLS A	ND CEILINGS THAT WOULD REQUIRE THE		
INSTALLATION OF A FIRE DAMPER SHALL BE APPROVED WI SMOKE/FIRE DAMPER,(EQUAL TO WALL RATING),MOTOR,	ITH A U.L AND C.S.F.M.APPROVED COMBINATION ACTUATOR,AND SMOKE DETECTOR.		
F. PROVIDE ALL FIRE & SMOKE DAMPERS WITH ACCESS DOO	RS AS NECESSARY.		
CLIENT INFORMATION PROFESSIONAL		DRAWN BY : S.A	SHEET NAME
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STRUCTURAL ENGINEER		DATE : 2/15/2025	
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