

| SR.N | GENERAL NOTES:  |
|------|---|
| 1.   | THE APPLICANT MUST IMMEDIATELY NOTIFY THE LOCAL FIRE DEPARTMENT, HAZARDOUS MATERIALS UNIT OF ANY UNDERGROUND PIPES, TANKS, OR STRUCTURES, ANY SUSPECTED OR ACTUAL CONTAMINATED SOILS, OR OTHER ENVIRONMENTAL ANOMALIES ENCOUNTERED DURING SITE DEVELOPMENT ACTIVITIES. ANY CONFIRMED ENVIRONMENTAL LIABILITIES MUST BE REMEDIATED PRIOR TO PROCEEDING WITH SITE DEVELOPMENT.  |
| 2.   | FIRE DEPARTMENT ACCESS ROADWAY MUST BE MAINTAINED SERVICEABLE PRIOR TO AND DURING CONSTRUCTION.   |
| 3.   | THE APPLICANT SHALL BE RESPONSIBLE TO REMOVE AND REPLACE CURB, GUTTER, AND SIDEWALK DAMAGED DURING CONSTRUCTION OF THE PROPOSED PROJECT PER CITY STANDARD DETAILS.  |
| 4.   | THE APPLICANT SHALL REMOVE AND REPLACE BROKEN OR UPLIFTED CURB, GUTTER, AND SIDEWALK ALONG PROJECT FRONTAGE PER CITY STANDARD DETAILS.  |
| 5.   | ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY OF CITY SHALL CONFORM TO PREVAILING CITY STANDARDS AND SPECIFICATIONS.   |
| 6.   | FINISHED GROUND SURFACES SHALL BE GRADED TO DRAIN THE FINISHED SITE PROPERLY. FINISHED GROUND SLOPE WITHIN 5 FT OF THE BUILDING OR STRUCTURE SHALL SLOPE AWAY AT 5%. ALL EXTERIOR HARD SURFACES (INCLUDING TERRACES) SHALL BE INSTALLED WITH 1% MINIMUM SLOPE AND SHALL DRAIN AWAY FROM THE BUILDING. DRAINAGE SWALES SHALL HAVE A MINIMUM SLOPE OF 2%. MAXIMUM ALLOWABLE GRADED SLOPE IS 3:1 (HORIZONTAL:VERTICAL) |
| 7.   | LOT GRADING SHALL CONFORM AT THE PROPERTY LINES AND SHALL NOT SLOPE TOWARD PROPERTY LINES IN A MANNER WHICH WOULD CAUSE STORM WATER TO FLOW ONTO NEIGHBORING PROPERTY. HISTORIC DRAINAGE PATTERNS SHALL NOT BE ALTERED IN A MANNER TO CAUSE DRAINAGE PROBLEMS TO NEIGHBORING PROPERTY.  |
| 8.   | NEW RAINWATER DOWNSPOUTS SHALL BE DISCONNECTED, AND RUNOFF DIRECTED TO A LANDSCAPED AREA, DOWNSPOUTS MAY BE CONNECTED TO A POP-UP DRAINAGE EMITTER IN THE LANDSCAPED AREA OR MAY DRAIN TO SPLASH BLOCKS OR COBBLESTONES THAT DIRECT WATER AWAY FROM THE BUILDING. "THRU-CURB" DRAINS ARE NOT ALLOWED.   |
| 9.   | ALL CONTRACTORS AND SUBCONTRACTORS SHALL IMPLEMENT CONSTRUCTION BEST MANAGEMENT PRACTICES TO PROTECT STORM WATER QUALITY AND PREVENT POLLUTANTS FROM ENTERING THE STORM DRAIN SYSTEM. FAILURE TO IMPLEMENT AND COMPLY WITH THE APPROVED CONSTRUCTION BEST MANAGEMENT PRACTICES WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS, OR STOP ORDERS.  |
| 10.  | CONTRACTOR SHALL PROVIDE CONSTRUCTION STAKES AT THE MINIMUM SETBACK LINE IN CLOSE PROXIMITY OF THE PROPOSED ADDITION. THESE CONSTRUCTION STAKES SHALL BE IN PLACE WHEN THE FORMS ARE READY TO BE INSPECTED BY THE CITY.   |
| 11.  | CONTRACTOR SHALL CALL THE BUILDING DEPARTMENT AND ARRANGE FOR AN INSPECTION TO VERIFY THAT THE PROPOSED ADDITION (I.E. FORMS) IS IN CONFORMANCE WITH THE APPROVED FLOOR PLANS.  |
| 12.  | CALL BEFORE YOU DIG! CALL UNDERGROUND SERVICE ALERT USA AT 811 OR AT 1800 227 2600 AT LEAST 2 WORKING DAYS BEFORE EXCAVATING.   |
| 13.  | UTILITY WORK IN THE STREET RIGHT-OF-WAY NOT INSTALLED BY CONTRACTOR WILL REQUIRE A SEPARATE PERMIT BY THE AGENCY PERFORMING SUCH WORK.  |

| SR.N | INSTALLER AND SPECIAL INSPECTOR QUALIFICATIONS:  |
|------|--|
| A    | <b>QUALIFICATIONS (702)</b>  |
| 1.   | INSTALLER TRAINING: HVAC SYSTEM INSTALLERS ARE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS INCLUDING DUCTS AND EQUIPMENT BY A NATIONALLY OR REGIONALLY RECOGNIZED TRAINING OR CERTIFICATION PROGRAM.  |
| 2.   | SPECIAL INSPECTION: SPECIAL INSPECTORS EMPLOYED BY THE OWNER OR OWNER'S AGENT SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE ENFORCING AGENCY FOR THE PARTICULAR TYPE OF INSPECTION TO BE PERFORMED AND SHALL HAVE A CERTIFICATION OR QUALIFICATIONS ACCEPTABLE TO THE ENFORCING AGENCY.                |
| 3.   | SPECIAL INSPECTORS SHALL BE INDEPENDENT ENTITIES WITH NO FINANCIAL INTEREST IN THE MATERIALS OR THE PROJECT THEY ARE INSPECTING FOR COM <b>PLIANCE</b> WITH <b>CALGREEN</b> .  |
| B    | <b>VERIFICATIONS (703)</b>   |
| 1.   | DOCUMENTATION: DOCUMENTATION USED TO SHOW COMPLIANCE WITH CALGREEN SHALL INCLUDE, BUT IS NOT LIMITED TO, CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATION S, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY, WHICH DEMONSTRATE SUBSTANTIAL CONFORMANCE. |

**SCOPE OF WORK**

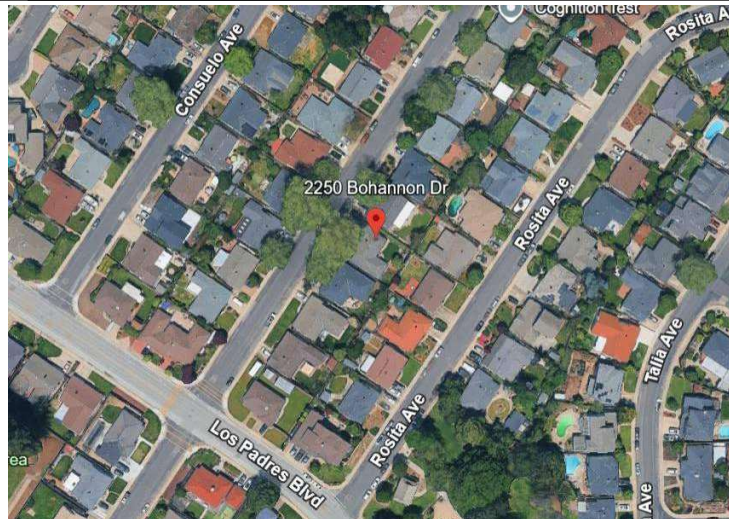
- REMODEL/ADDITION**
- PROPOSED TWO STORY CONVERSION FROM EXISTING ONE STORY SINGLE FAMILY HOUSE.
  - CONVERSION OF EXISTING ONE STORY HOUSE WITH 3-BEDROOMS, 2-BATHROOMS DWELLING INTO A TWO STORY HOUSE WITH 5 BEDROOMS, 4-BATHROOMS.
  - RETENTION OF EXISTING GARAGE STRUCTURE WITH NO PROPOSED CHANGES.
  - EXISTING SOLAR SYSTEM TO BE RETAINED AND MODIFIED AS REQUIRED BY NEW ROOF GEOMETRY.

**EXISTING STREET VIEW**



| APPLICABLE CODES:   |   |
|---|---|
| -2025 CALIFORNIA RESIDENTIAL CODE<br>-2025 CALIFORNIA BUILDING CODE<br>-2025 CALIFORNIA MECHANICAL CODE<br>-2025 CALIFORNIA ELECTRICAL CODE<br>-2025 CALIFORNIA PLUMBING CODE<br>-2025 CALIFORNIA FIRE CODE<br>-2025 CALIFORNIA ENERGY CODE<br>-2025 CALIFORNIA GREEN BUILDING STANDARDS CODE |   |
| SHEET NO.   | DESCRIPTION                               |
| A1  | COVER PAGE                                |
| A1.1  | CITY STAMP AND NOTES                      |
| SU1   | SURVEY PLAN                               |
| G1  | GENERAL NOTES                             |
| G2  | GENERAL NOTES                             |
| G3  | GENERAL NOTES                             |
| G4  | GENERAL NOTES                             |
| G5  | GENERAL NOTES                             |
| G6  | GENERAL NOTES                             |
| C01   |   |
| C02   |   |
| A1.A  | SITE PLAN - EXISTING VS PROPOSED          |
| A1.A  | AREA PLAN                                 |
| A2.0  | EXT. FLOOR PLAN & ELEVATION               |
| A2.1  | DEMOLITION PLAN                           |
| A2.2  | CURRENT FLOOR PLAN VS PROPOSED FLOOR PLAN |
| A2.3  | RENDER                                    |
| A2.3A   | COLORS & MATERIAL                         |
| A2.4  | FLOOR PLAN - PROPOSED 1ST FLOOR PLAN      |
| A2.4A   | DAYLIGHT PLANE PLAN                       |
| A2.4B   | FIRE RATED ASSEMBLY                       |
| A2.5  | FLOOR PLAN - PROPOSED 2ND FLOOR PLAN      |
| A3.0  | ELEVATION EXTERNAL - FRONT & REAR,        |
| A3.1  | ELEVATION EXTERNAL - LEFT & RIGHT         |
| A4.0  | SECTIONAL ELEVATION - FRONT & REAR        |
| A4.1  | SECTIONAL ELEVATION - LEFT & RIGHT        |
| A5.0  | FIRST & SECOND FLOOR ROOF PLAN            |
| A5.1  | OVERALL ROOF PLAN                         |
| A6.0  | WINDOW & DOOR PLAN                        |
| A7.0  | CEILING PLAN                              |

**VICINITY MAP**



| PROJECT DATA   |                                      |              |              |
|--|--------------------------------------|--------------|--------------|
| APN:   | 303-07-013                           |              |              |
| ZONING DISTRICT:                                       | R1-6L                                |              |              |
| YEAR BUILT   | 1952                                 |              |              |
| LOT SIZE   | 5700 SQ FT                           |              |              |
| CONSTRUCTION TYPE:                                     | VB                                   |              |              |
| OCCUPANCY TYPE:  | R3-U                                 |              |              |
| EXISTING   | PROPOSED                             |              |              |
| 1 STORY  | 2 STORIES                            |              |              |
| 2 CAR GARAGE   | NO CHANGE                            |              |              |
| 3 BEDROOM  | 5 BEDROOMS                           |              |              |
| 2 BATHROOM   | 5 BATHROOM                           |              |              |
| NON FIRE SPRINKLERS                                    | NA                                   |              |              |
| FLOOD ZONE DESIGNATION FOR THE LOT : ZONE X (Unshaded) |                                      |              |              |
| AREA STATEMENT   |                                      | EXISTING     | PROPOSED     |
| 1.0  | LOT AREA                             | 5700.00 SQFT | 5700.00 SQFT |
| 2.0  | TOTAL HOUSE AREA (1ST + 2ND FLOOR)   | 1928.00 SQFT | 3319.70 SQFT |
| 2.1  | TOTAL LIVABLE AREA (1ST + 2ND FLOOR) | 1508.30 SQFT | 2857.50 SQFT |
| 2.2  | GARAGE AREA                          | 419.70 SQFT  | 419.70 SQFT  |
| 3.0  | 1ST FLOOR (TOTAL AREA)               | 1928.00 SQFT | 2173.10 SQFT |
| 3.1  | 1ST FLOOR LIVABLE AREA               | 1510.70 SQFT | 1510.00 SQFT |
| 3.2  | LIVABLE STAIR AREA *                 | 0.00 SQFT    | 113.50 SQFT  |
| 3.3  | ADDITIONAL 1ST FLOOR LIVABLE AREA    | 0.00 SQFT    | 89.80 SQFT   |
| 3.4  | ADDITIONAL ENTRY PORCH AREA          | 0.00 SQFT    | 42.50 SQFT   |
| 3.5  | GARAGE AREA                          | 417.30 SQFT  | 417.30 SQFT  |
| 4.0  | 2ND FLOOR (TOTAL AREA)               | 0.00 SQFT    | 1146.60 SQFT |
| 4.1  | 2ND FLOOR LIVABLE AREA               | 0.00 SQFT    | 1146.60 SQFT |
| 5.0  | TOTAL LOT COVERAGE                   | 33.82 %      | 38.12 %      |
| LANDSCAPE AREA STATEMENT                               |                                      | EXISTING     | PROPOSED     |
| 6.0  | LANDSCAPE AREA (PERMEABLE)           | 1820.49 SQFT | 1479.95 SQFT |
| 6.1  | FRONT YARD LANDSCAPE AREA            | 690.14 SQFT  | 690.14 SQFT  |
| 6.2  | REAR YARD LANDSCAPE AREA             | 1130.35 SQFT | 789.81 SQFT  |
| 7.0  | TOTAL LANDSCAPE AREA / LOT AREA      | 31.94 %      | 25.96 %      |

| TITLE PAGE               |   |
|--------------------------|---|
| TITLE                    | TITLE PAGE  |
| CLIENT NAME              | KUNAL CHAWLA & PRANALI GITE   |
| DESIGN & MANAGED BY:     | DREAM FORGE LLC<br>37173 JLA CT, FREMONT CA 94536<br>CA, USA, 94536   |
| PROJECT MANAGER          | NAME: GAURAV SONONE<br>37173 JLA CT, FREMONT CA 94536<br>PHONE: +1(510)744-7445<br>EMAIL: dreamforge.gs@gmail.com |
|                          |   |
| PROJECT TYPE             | REMODEL & ADDITION  |
| PROJECT NAME AND ADDRESS | 2250 BOHANNAN, SANTA CLARA,<br>CA, USA  |
| DRAWING NUMBER           | A1.0  |

LOT NORTH DIRECTION

TITLE

CITY NOTES & APPROVAL  
STAMPS

CLIENT NAME

KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:

DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

PROJECT MANAGER

NAME: GAURAV SONONE  
37173 JLA CT, FREMONT CA 94536  
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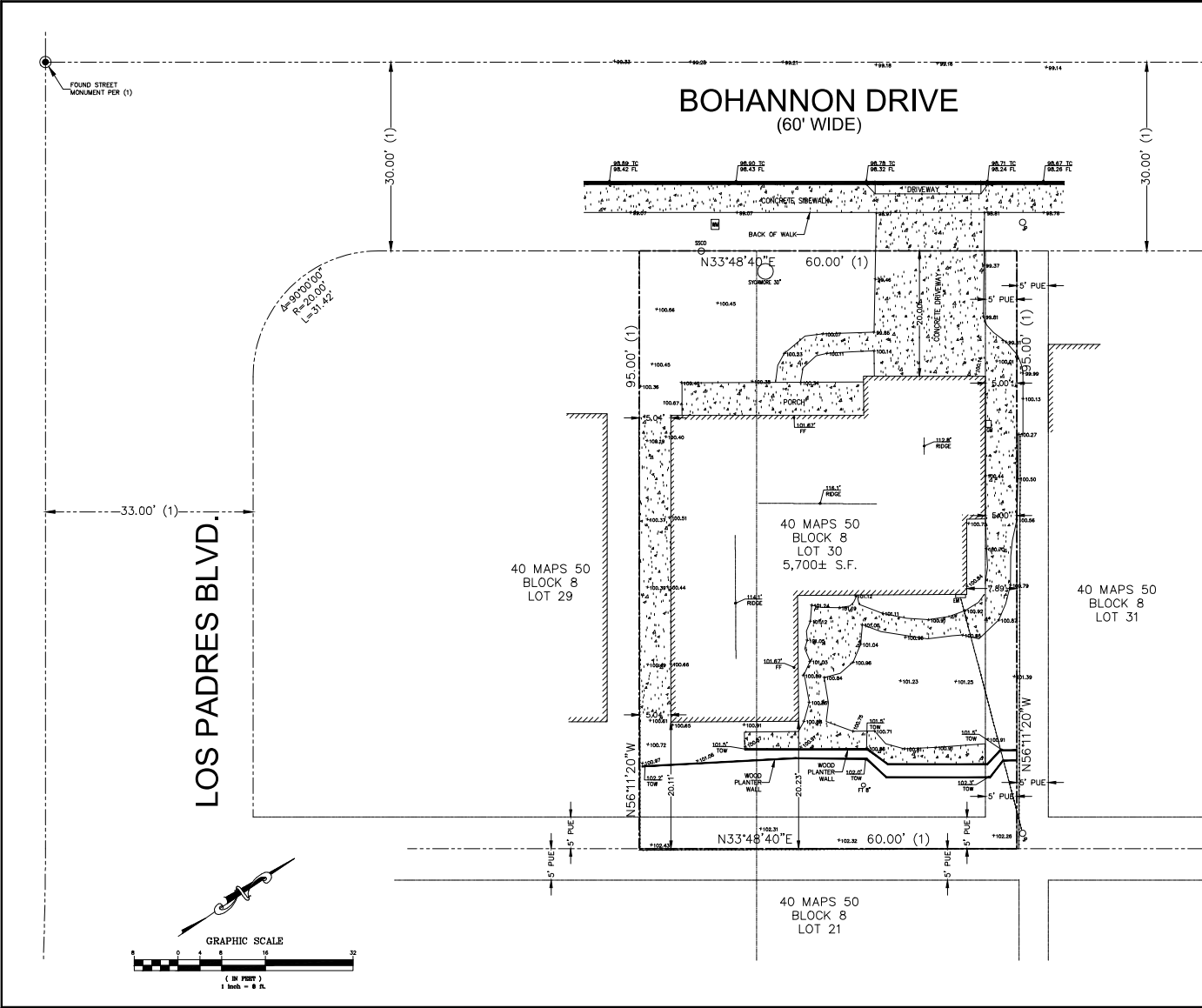
PROJECT TYPE

PROJECT NAME AND ADDRESS

2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER

A1.1



**ABBREVIATIONS AND LEGEND**

|       |                                |     |                          |
|-------|--------------------------------|-----|--------------------------|
| BSBL  | BUILDING SETBACK LINE          | SSM | SANITARY SEWER MANHOLE   |
| CB    | CATCH BASIN                    | ST  | STORM DRAIN MANHOLE      |
| CONC  | CONCRETE                       | FI  | FIRE HYDRANT             |
| EM    | ELECTRIC METER                 | SS  | SANITARY SEWER LINE      |
| EP    | EDGE OF PAVEMENT               | W   | WATER LINE               |
| FT    | FRUIT TREE                     | OE  | OVERHEAD ELECTRICAL LINE |
| GM    | GAS METER                      | G   | GAS LINE                 |
| GRD   | GROUND                         |     |                          |
| HCR   | HANDICAP RAMP                  |     |                          |
| JP    | JOINT POLE                     |     |                          |
| PUE   | PUBLIC UTILITY EASEMENT        |     |                          |
| SP    | SIGN POLE                      |     |                          |
| SSCO  | SANITARY SEWER CLEAN OUT       |     |                          |
| TOW   | TOP OF WALL                    |     |                          |
| TC    | TOP OF CURB                    |     |                          |
| TEL   | TELEPHONE                      |     |                          |
| UNK T | UNKNOWN TREE                   |     |                          |
| WM    | WATER METER                    |     |                          |
| BL    | BOUNDARY LINE                  |     |                          |
| ---   | EXISTING FENCE LINE            |     |                          |
| ---   | EXISTING BUILDING OUTLINE      |     |                          |
| ( )   | INDICATES REFERENCE MAP NUMBER |     |                          |

**REFERENCE INFORMATION**  
 (1) TRACT NO. 1067, 40 MAPS 50, SANTA CLARA COUNTY RECORDS  
 (2) TRACT NO. 1002, 38 MAPS 30, SANTA CLARA COUNTY RECORDS

**EASEMENT NOTE:**  
 EASEMENTS SHOWN ARE BASED ON A REVIEW OF THE SUBDIVISION MAP ONLY.

**NOTE:**  
 (1) DATE OF FIELD SURVEY: JANUARY, 2026  
 (2) UNLESS OTHERWISE NOTED, TREES SHOWN WERE MEASURED AT THE GROUND AND TRUNK DIAMETERS WERE MEASURED 4' ABOVE GROUND. DRIP LINES WERE NOT MEASURED AND DEPICTED GRAPHICALLY IN THEIR APPROXIMATE LOCATIONS ONLY.  
 (3) ALL DISTANCES AND DIMENSIONS SHOWN ARE IN FEET AND DECIMALS THEREOF UNLESS OTHERWISE NOTED.  
 (4) BUILDING OUTLINE WAS MEASURED AT BUILDING EXTERIOR FINISH WALL SURFACE UNLESS OTHERWISE NOTED.  
 (5) ELEVATION SHOWN ARE ON ASSUMED ELEVATION DATUM.

**UTILITY NOTE**  
 THE SURFACE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN LOCATED BY FIELD SURVEY. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN COMPILED FROM RECORDS OF THE VARIOUS AGENCIES. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR THEIR INDICATED LOCATION, SIZE, OR TYPE. RECORD UTILITY INFORMATION SHOULD BE CONFIRMED BY EXPOSING THE UTILITY.

**SPECIAL NOTE:**  
 THE LOT AREA SHOWN ON THIS BOUNDARY SURVEY MAP IS CALCULATED BASED ON PRECISE FIELD MEASUREMENTS AND THE DIMENSIONS RECORDED ON OFFICIAL SUBDIVISION OR RECORD OF SURVEY MAPS. THIS AREA IS DETERMINED BY A LICENSED SURVEYOR AND REFLECTS THE MOST ACCURATE AND RELIABLE INFORMATION AVAILABLE. PLEASE BE AWARE THAT FIGURES FROM CITY/COUNTY RECORDS OR REAL ESTATE WEBSITES MAY DIFFER DUE TO VARIATIONS IN DATA SOURCES OR ESTIMATION METHODS AND SHOULD NOT BE CONSIDERED AS ACCURATE AS THIS SURVEY.

**Purpose of Survey and Limitations of Use:**  
 This Boundary and Topographic Survey is prepared exclusively for site planning and development purposes in connection with proposed [house addition / new residence / ADU] design and permitting. It is not intended for use in resolving property line disputes, fence encroachments, or other legal matters. Use of this map for any other purpose may require additional services.

**BOUNDARY TOPOGRAPHIC SURVEY**  
 LOT 30, BLOCK 8, AS SHOWN ON  
 "TRACT NO. 1067 WESTWOOD UNIT  
 NO.3", BOOK 40 OF MAPS AT PAGE  
 50, SANTA CLARA COUNTY RECORDS.  
 APN 303-07-013  
 (2250 BOHANNON DRIVE)  
 CITY OF SANTA CLARA    SANTA CLARA COUNTY    CALIFORNIA  
 SCALE: 1"=8'    JANUARY, 2026

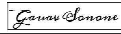
*Zhen Wang*  
 ZHEN WANG    01/14/2026  
 DATE

ZHEN'S LAND SURVEYING CORP.  
 WALNUT CREEK, CALIFORNIA  
 TEL: (415)802-9845 | INFO@ZHENSLANDSURVEYING.COM    SHEET 1 OF 1 SHEET

|                          |   |
|--------------------------|---|
| TITLE                    | SURVEY PLAN   |
| CLIENT NAME              | KUNAL CHAWLA & PRANALI GITE   |
| DESIGN & MANAGED BY:     | DREAM FORGE LLC<br>37173 ILLA CT, FREMONT CA 94536<br>CA, USA 94536   |
| PROJECT MANAGER          | NAME: GAURAV SONONE<br>37173 ILLA CT, FREMONT CA 94536<br>PHONE: +1(585)-744-7445<br>EMAIL: dreamforge.gs@gmail.com |
| PROJECT TYPE             | REMODEL & ADDITION  |
| PROJECT NAME AND ADDRESS | 2250 BOHANNON DR, SANTA CLARA,<br>CA 95050, USA   |
| DRAWING NUMBER           | SU1   |

|          |  |
|----------|--|
| <b>A</b> | <b>SMOKE DETECTORS IN THE BEDROOMS AND HALLWAYS PER (CRC R 314.3):</b>   |
| 1.       | <b>FOR NEW CONSTRUCTION:</b><br>SMOKE DETECTORS SHALL BE HARD-WIRED WITH A BATTERY BACKUP PER (CRC R 314.6)  |
| 2.       | <b>LOCATION:</b><br>SMOKE ALARM SHALL BE INSTALLED NOT LESS THAN 3' HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAIN BATHTUB/SHOWER UNLESS THIS WOULD PREVENT PLACEMENT OF SMOKE ALARM. (CRC R 314.3)  |
| 3.       | <b>LOCATION:</b><br>SMOKE ALARM SHALL BE INSTALLED A MINIMUM OF 20' HORIZONTAL DISTANCE FROM A PERMANENTLY INSTALLED COOKING APPLIANCE (CRC R 314.3.3)   |
| 4.       | <b>LOCATION:</b><br>SMOKE ALARM SHALL BE INSTALLED NOT LESS THAN A 3' HORIZONTAL DISTANCE FROM THE SUPPLY REGISTERS OF A FORCED AIR HEATING OR COOLING SYSTEM OR PADDLE FAN, AND SHALL BE INSTALLED OUTSIDE OF THE DIRECT AIRFLOW FROM THOSE REGISTERS. (CRC R 314.3)  |
| 5.       | <b>EXCEPTION:</b><br>IONIZATION SMOKE ALARM WITH ALARM SILENCING SWITCH SHALL BE PERMITTED TO BE INSTALLED 10' FROM A PERMANENTLY INSTALLED COOKING APPLIANCE (CRC R 314.3.3 EXC)  |
| 6.       | PHOTOELECTRIC SMOKE ALARMS SHALL BE PERMITTED TO BE INSTALLED GREATER THAN 6' FROM A PERMANENTLY INSTALLED COOKING APPLIANCE (CRC R 314.3.3 EXC)   |
| 7.       | WHEN MORE THAN ONE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT, THE SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS PER CRC R 314.4  |
| 8.       | APPROVED COMBINED SMOKE ALARMS AND CARBON DIOXIDE ALARMS SHALL BE ACCEPTABLE PER CRC R314.5.   |
| 9.       | FOR DWELLING UNITS THAT HAVE FUEL-BURNING APPLIANCES OR AN ATTACHED GARAGE, PROVIDE CARBON MONOXIDE ALARMS OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS AND ON EACH LEVEL OF THE DWELLING UNIT, INCLUDING BASEMENTS. PER CRC R 315, CARBON MONOXIDE ALARMS SHALL BE HARD-WIRED WITH BATTERY BACKUP (SEE CRC R 315.5 FOR EXCEPTIONS)  |
| 10.      | WHEN MORE THAN ONE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT, THE CARBON MONOXIDE ALARMS SHALL BE INTERCONNECTED IN SUCH MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS PER CRC R 315.7  |
| <b>B</b> | <b>FOR DUCTS AND PENETRATIONS AT WALL SEPARATING THE DWELLING AND GARAGE:</b>  |
| 1.       | DUCTS IN THE GARAGE OR PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM 26-GAUGE SHEET STEEL OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE. (CRC R 302.5.2)   |
| 2.       | PENETRATIONS PROTECTION BETWEEN THE DWELLING AND THE GARAGE SHALL BE IN ACCORDANCE WITH SECTION R 302.6 AND SHALL BE PROTECTED AS REQUIRED BY SECTION R 302.1(J), ITEM 4.  |
| <b>C</b> | <b>NOTES:</b>  |
| 1.       | A 4" THICK BASE OF 1/2" OR LARGER CLEAN AGGREGATE WITH A VAPOR RETARDER IN DIRECT CONTACT WITH THE CONCRETE, AND A CONCRETE MIX DESIGN IN ACCORDANCE WITH CGBSC SECTION 4.505.2, SHALL BE USED TO ADDRESS BLEEDING, SHRINKAGE, AND CURLING.  |
| 2.       | Faucets in kitchens, wet bars, laundry sinks, etc. shall have a water flow rate not exceeding 1.8 gallons per minute per CPC 407.  |
| 3.       | MATERIALS USED AS BACKERS FOR WALL TILE IN TUB AND SHOWER AREAS, AND WALL PANELS IN SHOWER AREAS, SHALL BE:<br>(1) GLASS MAT GYPSUM PANELS, (2) FIBER-REINFORCED GYPSUM PANELS, (3) NON-ASBESTOS FIBER-CEMENT BACKER BOARD, (4) NON-ASBESTOS FIBER-CEMENT REINFORCED CEMENTITIOUS BACKER UNITS. INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS PER CRC R 702.4.2.   |
| 4.       | 24" CLEAR SPACE SHALL BE PROVIDED IN FRONT OF THE TOILET AND A MINIMUM WIDTH OF 30" SHALL BE PROVIDED FOR THE TOILET SPACE PER CPC 402.5.  |
| 5.       | PROVIDE A 22" X 30" ATTIC ACCESS OPENING IN A HALLWAY OR OTHER READILY ACCESSIBLE LOCATION PER CRC R807.1. ATTIC AREAS SHALL HAVE A MINIMUM CLEAR HEIGHT OF 30 INCHES OVER AN AREA OF NOT LESS THAN 30 SQUARE FEET. MINIMUM UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE SHALL BE 30 INCHES, MEASURED VERTICALLY FROM THE TOP OF THE CEILING MEMBERS TO THE UNDERSIDE OF THE ROOF FRAMING MEMBERS. WHEN LOCATED IN A WALL, THE OPENING SHALL BE A MINIMUM OF 22" WIDE BY 30" HIGH.   |
| 6.       | THE ENCLOSED SPACE UNDER STAIRS THAT IS ACCESSED BY A DOOR OR ACCESS PANEL SHALL HAVE WALLS, UNDER-STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2 INCH (12.7 MM) GYPSUM BOARD PER CRC R 302.7   |
| (a)      | ANY GLAZING ON THE DOOR AND WINDOW SIDE PANELS THAT ARE WITHIN 3 FT FROM DOOR LATCH TO BE WITH LAMINATED GLASS. (FSC SEC. 15.50.059)   |
| (b)      | GARAGE FLOOR SHALL BE SLOPED TO FACILITATE THE MOVEMENT OF LIQUIDS TO A DRAIN OR TOWARDS THE MAIN VEHICLE ENTRY DOORWAY PER CRC R 309.1  |
| (c)      | THE WALL AND CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX OF NOT GREATER THAN 200 PER CRC R 302.9.1 AND A SMOKE DEVELOPED INDEX OF NOT GREATER THAN 450 PER CRC R 302.9.2  |
| <b>D</b> | <b>WINDOW TEMPERED SAFETY GLASS:</b>   |
| 1.       | TEMPERED SAFETY GLASS AT THESE LOCATIONS ON PLAN AS PER CRC R 308.4  |
| 2.       | GLAZING IN WALLS ENCLOSING WHIRLPOOLS, STEAM ROOMS, BATHTUBS, SHOWERS, INDOOR OR OUTDOOR SWIMMING POOL WHERE THE BOTTOM EXPOSED EDGE OF GLAZING IS LESS THAN 50" ABOVE A STANDING SURFACE AND DRAIN INLET  |
| <b>E</b> | <b>BEDROOM EGRESS:</b>   |
| 1.       | SILL HEIGHT: BOTTOM OF THE CLEAR OPENING SHALL NOT BE GREATER THAN 44" (38") ABOVE FINISH FLOOR  |
| 2.       | (EGRESS) WINDOWS IN SLEEPING AREAS ARE EMERGENCY ESCAPE AND RESCUE OPENINGS AS REQUIRED BY CRC R310. ONE OPERABLE EMERGENCY ESCAPE AND RESCUE OPENING IS REQUIRED IN EACH SLEEPING AREA. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL COMPLY WITH THE CALIFORNIA FIRE CODE, CHAPTER 1030, EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY. MINIMUM SIZE SHALL BE 5.7 SQFT OF NET CLEAR OPENING WITH A MINIMUM DIMENSION OF 24 INCHES IN HEIGHT AND 20 INCHES IN WIDTH. THE NET CLEAR OPENING SHALL BE THE RESULT OF NORMAL OPERATION OF THE WINDOW, THE BOTTOM OF THE CLEAR OPENING SHALL NOT BE GREATER THAN 44 INCHES MEASURED FROM THE FLOOR. |
|          | <b>PLUMBING &amp; WATER CONSERVATION:</b>  |
| 1.       | CONTRACTOR/OWNER SHALL VERIFY IN FIELD EXISTING PLUMBING FIXTURE COMPLIANCE WITH SB 407.   |
| 2.       | WATER CONSERVATION: AS OF JANUARY 1, 2014, SB 407 REQUIRES NON-COMPLIANT PLUMBING FIXTURES TO BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES WHEN A RESIDENTIAL PROPERTY IS UNDERGOING ADDITIONS, ALTERATIONS, OR IMPROVEMENTS.   |

|          |  |
|----------|--|
| <b>F</b> | <b>HANDRAIL:</b>   |
| 1.       | HANDRAIL SHALL WITHSTAND A CONCENTRATED LOAD OF 200 LBF APPLIED AT ANY POINT IN ANY DIRECTION.   |
| 2.       | HANDRAIL TO BE 34" TO 38" ABOVE NOSING OF TREAD AND BE 1.5" MINIMUM CLEAR OF ADJACENT WALL   |
| 3.       | HANDGRIP TO BE 1.25" TO 2" IN DIAMETER OR HAVE A PERIMETER DIMENSION OF 4" TO 6.25" WITH A MAXIMUM CROSS-SECTION DIMENSION OF 2.25", AND EDGE RADI MAXIMUM 0.01" (NO SHARP EDGES)  |
| 4.       | HANDRAILS ARE REQUIRED ON ALL STAIRS WITH 4 OR MORE RISERS BETWEEN LANDINGS  |
| <b>H</b> | <b>TYPICAL GUARDS (GUARDRAILS):</b>  |
| 1.       | PROVIDE GUARDS AT ANY WALKING SURFACE, INCLUDING STAIRS, LANDINGS, DECKS, PORCHES, BALCONIES, OR RAISED FLOOR SURFACES, WHERE THE HEIGHT ABOVE THE FLOOR OR GRADE BELOW IS MORE THAN 30 INCHES   |
| 2.       | MINIMUM GUARD HEIGHT SHALL BE 42 INCHES MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE OR THE LINE CONNECTING THE LEADING EDGES OF THE TREAD NOSINGS. HANDRAILS MAY BE 34 INCHES TO 38 INCHES IN HEIGHT WHEN SERVING AS A HANDRAIL ONLY.   |
| 3.       | INTERMEDIATE RAIL SPACING SHALL BE SUCH THAT A 4-INCH DIAMETER SPHERE CANNOT PASS THROUGH ANY OPENING IN THE GUARD, EXCEPTION: OPENINGS AT THE TRIANGULAR AREA FORMED BY THE TREAD, RISER, AND BOTTOM RAIL MAY ALLOW A 4-3/8 INCH DIAMETER SPHERE TO PASS.   |
|          | <b>ROOM REQUIREMENT NOTES:</b>   |
| 1.       | BATHROOMS, WATER CLOSET COMPARTMENTS AND OTHER SIMILAR ROOMS SHALL BE PROVIDED WITH OPENABLE GLAZING AREA OF 1.5 SQFT OR A LOCAL EXHAUST SYSTEM SHALL BE PROVIDED. THE MINIMUM LOCAL EXHAUST RATE SHALL BE 50 CFM FOR INTERMITTENT VENTILATION OR 20 CFM FOR CONTINUOUS VENTILATION (CRC R 303.3)                            |
|          | <b>LANDING REQUIREMENT:</b>  |
| 1.       | THE WIDTH OF EACH LANDING SHALL NOT BE LESS THAN THE DOOR SERVED. LANDING SHALL HAVE A DIMENSION OF NOT LESS THAN 36 INCHES MEASURED IN DIRECTION OF TRAVEL.   |
|          | <b>SHOWER AREA RELATED:</b>  |
| 1.       | MINIMUM SIZE FOR THE SHOWER AREA TO BE 1024 SQIN (CPC 408.6)   |
| 2.       | SHOWER COMPARTMENT TO HAVE MINIMUM 22 INCHES WIDE OPENING FOR ACCESS (CPC 408.5)   |
| 3.       | AT THE SHOWER, WALL TILES TO BE INSTALLED OVER CEMENTITIOUS BACKING  |
| 4.       | SHOWER & TUB/SHOWER WALLS TO SPECIFY A SMOOTH, HARD, NONABSORBENT SURFACE (E.G. CERAMIC TILE OR FIBRE GLASS) OVER A MOISTURE RESISTANT UNDERLAYMENT (E.G. CEMENT, FIBRE CEMENT, OR GLASS MAT GYPSUM BACKER) TO A HEIGHT OF 72 INCHES ABOVE THE DRAIN INLET.  |
| 5.       | WATER RESISTANT GYPSUM BACKING BOARD SHALL NOT BE USED OVER A VAPOR RETARDER IN SHOWER OR BATHTUB COMPARTMENT  |
|          | <b>GARAGE RELATED:</b>   |
| 1.       | WALL ASSEMBLIES USED FOR GARAGE/DWELLING SEPARATION SHALL HAVE NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT AND SHALL BE INSTALLED ON THE GARAGE SIDE.  |
| 2.       | FLOOR/CEILING ASSEMBLIES USED FOR GARAGE/DWELLING SEPARATION SHALL HAVE NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT.  |
| 3.       | ANY STRUCTURAL ELEMENTS SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION SHALL ALSO HAVE NOT LESS THAN 1/2" GYPSUM BOARD OR EQUIVALENT INSTALLED ON THE GARAGE SIDE. (CRC R 302.8, TABLE R 302.8)   |
| 4.       | GARAGE DOORS SHALL BE PROVIDED WITH A PERMANENT LABEL BY THE GARAGE DOOR MANUFACTURER. THE LABEL SHALL IDENTIFY THE GARAGE DOOR MANUFACTURER, MODEL/SERIES NUMBER, POSITIVE AND NEGATIVE DESIGN WIND PRESSURE RATING, INSTALLATION INSTRUCTION DRAWING REFERENCE NUMBER, AND THE APPLICABLE TEST STANDARD PER CRC R 609.4.1. |
|          | <b>ADU RELATED:</b>  |
| 1.       | THE ADU SHALL BE SEPARATED FROM THE RESIDENCE AS PER CRC R302.1(1) WITH 1HR FIRE RATED WALLS THUS THE WALLS WHICH ARE SHARED BETWEEN THE ADU AND THE HOME WILL NEED TO BE FIRE RATED.  |
| 2.       | IDENTIFY ADU WALL TYPE IN THE LEGEND   |
| 3.       | DOOR/WINDOW OPENING CAN NOT BE PLACED ON THE WALL BETWEEN THE ADU AND THE HOME, AS THE SAME NEEDS TO BE FIRE RATED WALL.   |
| 4.       | FOR THE OVERLAPPING PORTION OF CEILING/2ND FLOOR JOISTS WITH THE ADU, THE FLOOR/CEILING ASSEMBLY NEEDS TO BE 1 HOUR FIRE RATED ALONG WITH SUPPORTING BEAMS, JOISTS, WALLS AND COLUMNS OF THE CEILING.  |
| 5.       | PROVIDE BOTH SD AND CO WITHIN THE ADU AREA AS PER CRC R314 AND R315.   |
| 6.       | THE ADU RESTROOM NEED TO COMPLY WITH AGE-IN PLACE REQUIREMENTS, SINCE IT IS A SEPARATED DWELLING.  |
| 7.       | THE ADU RESTROOM DOOR WILL NEED TO PROVIDE 32" CLEAR FOR AGE-IN PLACE REQUIREMENTS. THIS TYPICALLY REQUIRES A 36" DOOR.  |
| 8.       | ADU SHALL HAVE IT'S OWN HVAC SYSTEM AND SHALL NOT SHARE ANY RETURN DUCTS WITH THE MAIN HOUSE.  |
| 9.       | ADU SEWER SHALL BE SEPARATE FROM HOME AS PER CPC 311.1   |
| 10.      | ADU ACCESS SHALL COMPLY WITH EGRESS REQUIREMENTS (DOOR MINIMUM 36", CORRIDOR MINIMUM 44")  |

|                                 |   |
|---------------------------------|---|
| <b>TITLE</b>                    | GENERAL NOTES   |
| <b>CLIENT NAME</b>              | KUNAL CHAWLA & PRANALI GITE   |
| <b>DESIGN &amp; MANAGED BY:</b> | DREAM FORGE LLC<br>37173 JILA CT. FREMONT CA 94538<br>CA, USA 94538   |
| <b>PROJECT MANAGER</b>          | NAME: GAURAV SONONE<br>37173 JILA CT. FREMONT CA 94538<br>PHONE: +1(585)-744-7445<br>EMAIL: dreamforge.gs@gmail.com |
|                                 |                                |
| <b>PROJECT TYPE</b>             | REMODEL & ADDITION  |
| <b>PROJECT NAME AND ADDRESS</b> | 2250 BOHANNON DR. SANTA CLARA,<br>CA 95050, USA   |
| <b>DRAWING NUMBER</b>           | G1  |

## Heavy Equipment Operation

Best Management Practices for the Construction Industry



Who should use this information?

- Vehicle and Equipment Operators
- Site Supervisors
- General Contractors
- Home Builders
- Developers

### Doing the Job Right

#### Site Planning and Preventive Vehicle Maintenance

- Maintain all vehicles and have equipment inspected frequently for repair needs.
- Perform major maintenance, repair jobs, and vehicle and equipment washing off where chassis is clean.
- If you must drain and replace motor oil, antifreeze coolant, or other fluids on the dirt pans or drop cloths to catch drips and spills. Collect all spent fluids in separate containers, and properly dispose as hazardous waste (recycle whenever possible).
- Perform major equipment repairs at designated areas in your maintenance yard, where cleanup is easier. Avoid performing equipment repairs at construction sites.
- Cover exposed fifth wheel hitches and other oil or grease equipment during rain events.

#### Storm Water Pollution from Heavy Equipment on Construction Sites

Poorly maintained vehicles and heavy equipment that leak fuel, oil, antifreeze or other fluids on the construction site are common sources of storm water pollution. Prevent leaks by properly maintaining equipment and use proper techniques to place under any leaking equipment. Remove any leaking or malfunctioning equipment from the site as soon as possible.

### Doing the Right Job

#### General Business Practices

- Protect stockpiles and landscaping materials from wind and water erosion. Commercial contractors may take yard waste directly to the SMART Station™ in Sunnyside (see appendix). Contact the SMART Station at 408-752-8530 for further information.
- Cover loads with a tarp when transporting a facility.
- Schedule grading and excavation projects during dry weather.
- The temporary chink drains or ditches to divert runoff away from storm drains.
- Protect storm drains with sandbags or other sediment controls.
- Revegetation is an excellent form of erosion control for any site.

#### Landscaping/Garden Maintenance

- Use pesticides sparingly, according to instructions on the label. Raise empty containers and rinse water into the trash. Dispose of unused pesticides as hazardous waste.
- Collect and use trim clippings, pruning waste, and tree garden chips if necessary, and compost.

#### Storm Water Pollution from Landscaping and Swimming Pool Maintenance

Many landscaping activities expose soils and increase the likelihood that rain and garden chemicals will soil the storm drains during irrigation or when it rains. Swimming pool water containing chlorine and copper-based algaecides should never be discharged to storm drains. These chemicals are toxic to aquatic life.

### Doing the Job Right

#### General Principles

- Keep as orderly site and ensure good housekeeping practices are used.
- Maintain equipment properly.
- Cover materials when they are not in use.
- Keep materials away from streets, storm drains and drainage channels.
- Ensure dust control water doesn't leave site or discharge storm drains.

#### Advance Planning to Prevent Pollution

- Schedule excavation and grading activities for drier weather periods. To reduce soil erosion, plant temporary vegetation or place other erosion controls before rain begins to fall. See Erosion and Sediment Control Manual, available from the Regional Water Quality Control Board as a reference.
- Control the amount of runoff crossing your site (especially during excavation) by using berms or temporary or permanent drainage ditches to divert water flow away from the site. Reduce storm water runoff velocities by constructing temporary chink drains or berms where appropriate.
- Train your employees and subcontractors.
- Make these best management practices available to everyone who works on the construction site. Inform subcontractors about the storm water requirements and best management practices.

#### Good Housekeeping Practices

- Designate one area of the site for auto parking, vehicle refueling, and routine equipment maintenance. The designated area should be well away from streams or storm drain inlets, ditches or local creeks and the Bay. As a contractor, or site supervisor, owner or operator of a site, you may be responsible for any environmental damage caused by your subcontractors or employees.
- Keep materials out of the rain—erect runoff containment at the source. Cover exposed piles of soil or construction materials with plastic covering or temporary tarps, before it rains, sweep and remove materials from areas that drain to storm drains, creeks, or channels.
- Keep pollutants off exposed surfaces. Place tarps and recycled crates around the

## Roadwork and Paving

Best Management Practices for the Construction Industry



Who should use this information?

- Road Crews
- Driveway/Driveway/Parking Lot Construction Crews
- Seal Coat Contractors
- Operators of Grading Equipment, Paving Machines, Dump Trucks, Concrete Mixers
- Construction Inspectors
- General Contractors
- Home Builders
- Developers

## Painting and Application of Solvents and Adhesives

Best Management Practices for the Construction Industry



Who should use this information?

- Homeowners
- Painters
- Paperhangers
- Plasterers
- Graphic Artists
- Dry Wall Crews
- Floor Covering Installers
- General Contractors
- Home Builders
- Developers

## Earth-Moving and Dewatering Activities

Best Management Practices for the Construction Industry



Who should use this information?

- Backhoe, Back Hoe, and Grading Machine Operators
- General Contractors
- Dump Truck Drivers
- Home Builders
- Developers

### Doing the Job Right

#### General Business Practices

- Develop and implement erosion/sediment control plans for roadway construction.
- Schedule excavation and grading work during dry weather.
- Perform major equipment repairs away from the job site.
- When refueling or while/equipment maintenance must be done on site, designate a location away from storm drains and creeks.
- Do not use diesel oil to lubricate equipment parts of clean equipment.
- Recycle used oil, concrete, broken asphalt, etc. whenever possible, or dispose of properly.

#### During Construction

- Avoid paving and seal coating in wet weather, or when rains forecast, to prevent fresh materials from contacting storm water runoff.
- Cover and seal catch basins and manholes when applying seal coat, slurry seal, fog seal, or similar treatments.
- Protect drainage ways by using earth ditches, sand bags, or other controls to divert or trap and filter runoff.

#### Storm Water Pollution from Roadwork

Road paving, surfacing, and pavement removal happen frequently on roadways. There are numerous opportunities for asphalt, seal-coat, or excavated materials to illegally enter storm drains. Extra planning is required to protect storm drain inlets, store and dispose of materials properly, and guard against pollution of storm drains, creeks, and the Bay.

### Doing the Job Right

#### Handling Paint Products

- Keep all liquid paint products and wastes away from the gutter, street, and storm drains.
- Collect liquid residues from painters, trimmers, solvents, glues, and cleaning fluids are hazardous wastes and must be disposed of at hazardous waste collection facility. Contact the Santa Clara County Hazardous Waste Program at 408-299-7303.
- When thoroughly dry, empty paint cans, used brushes, caps, and drop cloths may be disposed of as garbage in a sanitary landfill. Empty paint cans also may be recycled as metal.

#### Wash water from painted buildings

Wash water from painted buildings constructed before 1978 contains lead and other metals of lead, even if paint chips are not present. Before you begin stripping paint or cleaning 1978 building exteriors with water under high pressure, test paint for lead and take appropriate precautions.

#### Paint Removal

If there is loose paint on the building, or if the paint tests positive for lead, block storm drains with a high-pressure water hose. Block storm drains to determine whether you may discharge water to the sanitary sewer, or if you must send it to hazardous waste collection facility.

#### Painting Concrete

Never brush bristles or imp impaint containers into a street, gutter, storm drain, French drain, or stream.

#### Storm Water Pollution from Paints, Solvents and Adhesives

All paints, solvents and adhesives contain chemicals that are harmful to wildlife in local creeks, San Francisco Bay, and the Pacific Ocean. Toxic chemicals may come from liquid or solid material used for cleaning brushes or rags. Paints should be recycled when possible, or disposed of properly to prevent these materials from flowing into storm drains and watercourses.

### Doing the Job Right

#### General Business Practices

- Schedule excavation and grading work during dry weather.
- Perform major equipment repairs away from the job site.
- When refueling or while/equipment maintenance must be done on site, designate a location away from storm drains.
- Do not use diesel oil to lubricate equipment parts, or clean equipment.
- Recycle used oil, concrete, broken asphalt, etc. whenever possible, or dispose of properly.

#### During Construction

- Remove existing vegetation, whether absolutely necessary. Plant temporary vegetation for erosion control practices, where construction is not immediately planned.
- Protect down slope drainage courses, streams, and storm drains with watties, or temporary drainage weirs. Use check dams to prevent or divert runoff and avoid excavations. Refer to the Regional Water Quality Control Board's Erosion and Sediment Control AEP Manual for proper erosion and sediment control measures.

#### Storm Water Pollution from Earth-Moving Activities

Soil excavation and sedimentation loosen large amounts of soil that can flow or blow into storm drains when handled improperly. Sediments in runoff can clog storm drains, smother aquatic life, and destroy habitats in creeks and the Bay. Effective erosion control practices reduce the amount of runoff crossing a site and slow the flow of runoff through riparian areas. Contaminated runoff from a common problem on the Santa Clara Valley, depending on soil types and the history, groundwater, buried storm drains, and other pollutants, can harm wildlife in creeks or the Bay, or interfere with wastewater treatment plant operations. Discharging sediment-laden water from a dewatering site into any water of the state without treatment is prohibited.

## Fresh Concrete and Mortar Application

Best Management Practices for the Construction Industry



Who should use this information?

- Masons and Bricklayers
- Sidewalk Construction Crews
- Patio Construction Workers
- Construction Inspectors
- General Contractors
- Home Builders
- Developers
- Concrete Delivery/Pumping Workers

### Doing the Job Right

#### General Business Practices

- Wash out concrete mixers only in designated wash-out areas in your yard, away from storm drains and waterways, where the water will flow into a temporary wash-out pit or ditch area. Let water percolate through soil and discharge of settled, hardened concrete as garbage. Whenever possible, recycle washout by pumping back into mixer for reuse.
- Wash out chutes onto dirt areas of site that do not flow to streets or drains.
- Always store both dry and wet materials under cover, protected from rainfall and runoff, away from storm drains or waterways. Protect dry materials from wind.
- Secure bags of cement after they are open. Be sure to keep wind-blown cement powder away from streets, gutters, storm drains, rainfall and runoff.
- Do not use diesel fuel as a lubricant on concrete forms, tools or trailers.

#### Asphalt/Concrete Removal

- Avoid creating excess dust when breaking asphalt or concrete.
- After breaking up old pavement, be sure to remove all chunks and pieces. Make sure broken pavement does not come in contact with rainfall or runoff.
- When making saw cuts, use as little water as possible. Avoid creating excess dust that goes to the sanitary sewer. Never pour paint from a bucket.
- For oil-based paints, paint our brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse hazardous waste collection facility. Dispose of excess and residue as hazardous waste.

#### Storm Drain Pollution from Fresh Concrete and Mortar Applications

Fresh concrete and cement-related materials that wash into lakes, streams, or estuaries are toxic to fish and the aquatic environment. Disposing of these materials to the storm drains or creeks can pollute storm drains, causes serious problems and is prohibited by law.

### Doing the Job Right

#### Water-based paints, paint on brushes to the sanitary sewer.

Water-based paints, paint on brushes to the sanitary sewer. Never pour paint from a bucket.

#### Oil-based paints, paint our brushes to the extent possible and clean with thinner or solvent in a proper container.

Filter and reuse hazardous waste collection facility. Dispose of excess and residue as hazardous waste.

#### Paint Removal

If there is loose paint on the building, or if the paint tests positive for lead, block storm drains with a high-pressure water hose. Block storm drains to determine whether you may discharge water to the sanitary sewer, or if you must send it to hazardous waste collection facility.

#### Painting Concrete

Never brush bristles or impaint containers into a street, gutter, storm drain, French drain, or stream.

#### Recycle/Reuse Leftover Paints Whenever Possible

- Recycle or donate excess water-based (latex) paint to a supplier.
- Reuse leftover oil-based paint. Dispose of non-recyclable paints, sludge and unopened paint in hazardous waste collection facility.
- If you have a large amount of paint, you may be able to return it to the painter/vendor. Check with the vendor regarding its "buy back" policy.

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### Doing the Job Right

#### General Business Practices

- Don't mix up more fresh concrete or cement than you will use in a two-hour period.
- Set up and operate small mixers on tarps or heavy plastic drop cloths.
- When cleaning up driveway or sidewalk construction, wash fires onto dirt areas, not down the driveway or into the street or storm drain.
- Protect applications of fresh concrete and mortar from rainfall and runoff until the material has dried.
- Wash down exposed aggregate concrete only when the wash water can flow onto a dirt area, (2) drain to a beamed surface from which it can be pumped and disposed of properly, or (3) be removed from a catchment created by blocking a storm drain inlet. If necessary, divert runoff with temporary berms. Make sure runoff does not reach gutters or storm drains.
- When breaking up pavement, be sure to pick up all the pieces and dispose of properly. Recycle large chunks of broken concrete at a landfill.
- Never bury waste material. Dispose of small amounts of excess dry concrete, grout, and mortar in the trash.
- Never dispose of washout into the street, storm drains, drainage ditches or stream.

#### Small Storm Drain Disposal

Hazardous waste materials that generate less than 27 gallons or 220 pounds of hazardous waste per month are eligible to use Santa Clara County's Small Storm Drain Hazardous Waste Disposal Program. Call 408-299-7303 for a quote, more information or guidance on disposal.

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#### Small Storm Drain Disposal

Hazardous waste materials that generate less than 27 gallons or 2

**BUILDING:**

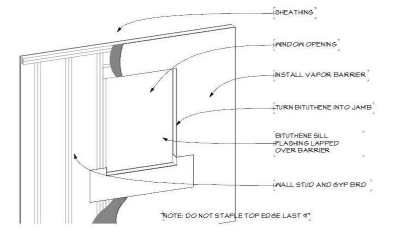
1. PROVIDE APPROVED TILE BACKER MATERIALS AND GYBOARD IN BATHROOMS.
  - A. NON-ABSORBENT FINISH MATERIAL MINIMUM 72" ABOVE THE STANDING SURFACE OF TUBS AND SHOWERS.
  - B. CEMENT, FIBER-CEMENT OR GLASS-MAT GYP BACKERS FOR ADHESIVE APPLICATION OF FINISH MATERIAL (TILE OR OTHER NONABSORBENT SHEET MATERIALS), OR PAINT (ABOVE 72"), INSTALLED PER MANUFACTURER'S INSTRUCTIONS WITHIN SHOWER STALLS AND BATH TUB SURROUNDINGS.
  - C. WATER-RESISTANT GYP BOARD SHALL NOT BE USED WITHIN SHOWER STALLS, BATH TUB COMPARTMENTS OR OTHER WET OR HUMID AREAS, OR ON CEILINGS WITH JOISTS GREATER THAN 12" O.C.
  - D. WATER-RESISTANT GYP BACKERS FOR TILE OR PAINT PER MANUFACTURER'S INSTRUCTIONS AT WATER CLOSET COMPARTMENTS.
  - E. REGULAR GYP BOARD FOR TILE OR PAINT ON WALLS AND CEILINGS OTHER ABOVE.
2. BEDROOM WINDOW FOR EMERGENCY ESCAPE AND RESCUE SHALL HAVE A FINISHED FLOOR TO WINDOW OPENING HEIGHT OF NOT BE MORE THAN 44". WINDOW SHALL HAVE 20" MIN. WIDTH BY 24" HEIGHT CLEAR OPENING AND OPENING AREA OF 5.7 SF.
3. INFRAC TEMPORARY LABELING ON NEW WINDOWS SHALL NOT BE REMOVED UNTIL INSPECTED BY THE ENFORCEMENT AGENCY.
4. DECK STAIRS:
  - A. MAXIMUM 7.75-INCH RISE AND MINIMUM 10-INCH RUN (R311.7.5)
  - B. MINIMUM 36 INCH CLEAR WIDTH (R311.7.1)
5. LANDINGS/FLOORS SHALL BE NOT MORE THAN 7-3/4 INCHES LOWER THAN THRESHOLD FOR IN-SWINGING DOORS AND NOT MORE THAN 1-1/2 INCHES LOWER THAN THRESHOLD FOR OUT-SWINGING DOORS. CRC R311.3.
6. PROVIDE ILLUMINATED STREET NUMBERS. THE NUMBERS SHALL BE VISIBLE AND LEGIBLE FROM THE STREET, HAVING A CONTRASTING BACKGROUND AND HAVE A MINIMUM 1/2" STROKE 8/4-1/2" MINIMUM HEIGHT.

**PLUMBING:**

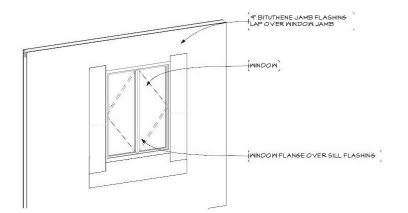
7. KITCHEN:
  - A. DISHWASHERS SHALL BE CONNECTED WITH AN APPROVED DRAINAGE AIR GAP DEVICES LOCATED ABOVE THE FLOOD LEVEL RIM OF THE SINK. CPC 807.3.
  - B. NEWLY INSTALLED KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE (GPM) AT 90 PSI. (CPC 402.1.4) ALL EXISTING PLUMBING FIXTURES NOT INCLUDED IN THE SCOPE OF NEW WORK SHALL BE REPLACED IF NECESSARY TO COMPLY WITH SB407 PLUMBING FIXTURES REPLACEMENT REQUIREMENTS.
  - C. ALL PIPING 3/4" OR MORE IN DIAMETER AND ALL HOT WATER PIPES FROM THE HEATING SOURCE TO THE KITCHEN FIXTURES MUST BE INSULATED WITH MIN. 1-INCH THICK INSULATION (CNC 150.0/J2). EXISTING INACCESSIBLE PIPING DOES NOT REQUIRE INSULATION.
8. BATHROOM PLUMBING, GENERAL:
  - A. ALL PIPING 3/4" OR MORE IN DIAMETER AND ALL HOT WATER PIPES ASSOCIATED WITH A RECIRCULATION SYSTEM MUST BE INSULATED WITH MIN. 1-INCH THICK INSULATION. EXISTING INACCESSIBLE PIPING DOES NOT REQUIRE INSULATION. CNC 150.0/J2
  - B. NEWLY INSTALLED PLUMBING FIXTURES SHALL BE WATER-CONSERVING IN COMPLIANCE WITH THE CALIFORNIA PLUMBING CODE AND GREEN BUILDING STANDARDS. WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. SHOWERHEADS SHALL NOT EXCEED 1.8 GPM AND NEW LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GPM AT 60 PSI. (CPC 407.2, 408.2 & 411.2) ALL EXISTING PLUMBING FIXTURES NOT INCLUDED IN THE SCOPE OF NEW WORK SHALL BE REPLACED IF NECESSARY TO COMPLY WITH SB407 PLUMBING FIXTURES REPLACEMENT REQUIREMENTS.
9. BATHROOM PLUMBING, TOILETS & BIDETS:
  - A. TOILETS AND BIDETS REQUIRE A MINIMUM 15" OF CLEARANCE FROM THE CENTER LINE OF THE BOWL TO EACH SIDE, AND 24" OF CLEARANCE FROM THE FRONT EDGE OF THE BOWL (CPC 402.5). THE MAXIMUM FLOW RATE IS 1.28 GPM (CPC 403.1.1).
  - B. LAVATORY SINKS REQUIRE A MIN. OF 24" FRONT CLEARANCE (CPC 402.5).
  - C. SHOWERS REQUIRE A MIN. 2" DRAIN AND TRAP (CPC TABLE 702.1).
  - D. ALL SHOWER COMPARTMENTS SHALL HAVE A MIN. FINISHED INTERIOR OF 1024 SQ.IN. AND SHALL BE CAPABLE OF ENCOMPASSING A 30" DIAMETER CIRCLE (CPC 408.6). THE CURB MAY ENCRoACH ON THESE SIZE REQUIREMENTS. ALL SURFACES SHALL BE WATERPROOF UP TO 72" ABOVE THE DRAIN INLET (CRC R307.2). THRESHOLDS SHALL BE OF SUFFICIENT WIDTH TO ACCOMMODATE A MIN. 22" CLEAR EGRESS OPENING FROM THE SHOWER (CPC 408.5).
  - E. SAFETY GLASS (TEMPERED OR LAMINATED) IS REQUIRED FOR ALL GLASS SHOWER DOORS AND PARTITIONS AND FOR WINDOWS IN WALLS FACING THE TUB OR SHOWER AND LOCATED LESS THAN 60" ABOVE THE STANDING SURFACE OF THE TUB/SHOWER AND WITHIN 60" HORIZONTALLY (CRC R308.4.11&5).
  - F. THE MAX. WATER TEMPERATURE TO A SHOWER OR TUB/SHOWER COMBINATION IS 120F. THE WATER HEATER THERMOSTAT CANNOT BE USED AS THE CONTROL FOR THIS TEMPERATURE. VALVES SHALL PROVIDE SCALD AND THERMAL SHOCK PROTECTION, AND BE PRESSURE-BALANCED, THERMOSTATIC, OR COMBINATION PRESSURE-BALANCED/THERMOSTATIC MIXING IN ACCORDANCE WITH ASSE 1016 OR ASME A112.18.1/CSA B125.1. (CPC 408.3).
10. LAUNDRY:
  - A. CLOTHES WASHER STANDPIPES MUST BE 2" DIAMETER. THE WEIR OF THE TRAP MUST BE ROUGHED IN 6" - 18" ABOVE THE FLOOR. THE STANDPIPE MUST BE A MINIMUM OF 18" AND A MAXIMUM OF 30" ABOVE THE TRAP (CPC 804.1).

**MECHANICAL:**

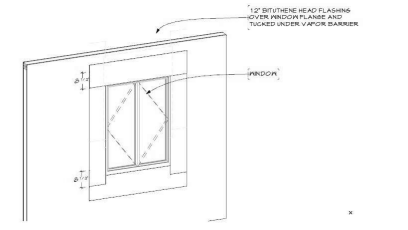
11. KITCHEN:
  - A. KITCHEN EXHAUST IS REQUIRED TO HAVE A METAL, SMOOTH INTERIOR SURFACE DUCT FOR VENT HOOD OR DOWN DRAFT EXHAUST VENT. ALUMINUM FLEX DUCT IS NOT APPROVED. PROVIDE BACK DRAFT DAMPER. CMC 504.3.
  - B. A LOCAL MECHANICAL EXHAUST SYSTEM SHALL BE INSTALLED IN EACH KITCHEN. THE DEMAND-CONTROLLED VENTILATION RATES SHALL BE 100 CUBIC FEET PER MINUTE MINIMUM AND CONTINUOUS VENTILATION RATES SHALL PROVIDE 5 AIR CHANGES PER HOUR AND A MAXIMUM SOUND RATING OF 3 SONES OVER RESIDENTIAL STOVES AND COOKTOPS WITHIN DWELLING UNITS. THE RANGE HOOD MUST VENT TO THE OUTSIDE. (CNC 150.0(K) AND ASHRAE 62.2.5.1)
  - C. A MECHANICAL PERMIT IS REQUIRED TO REPLACE A KITCHEN EXHAUST HOOD THAT INCLUDES AN OUTSIDE AIR VENT. THE VENT MUST TERMINATE ON THE BUILDING EXTERIOR AT LEAST 3 FT. FROM OTHER OPENINGS INTO THE BUILDING AND 3 FT. FROM THE PROPERTY LINE(CMC502.2.1).
12. BATHROOM:
  - A. MECHANICAL VENTILATION IS REQUIRED IN ALL BATHROOMS WITH TUBS OR SHOWERS. THE FAN MUST MOVE A MINIMUM 50 CFM OF AIR AND BE SEPARATELY SWITCHED FROM THE LIGHTING. FANS THAT OPERATE CONTINUOUSLY CAN BE 20 CFM. THE DUCT MUST TERMINATE ON THE EXTERIOR NOT LESS THAN 3 FEET FROM OPENINGS INTO THE BUILDING (CMC 502.2.1).
  - B. BATHS WITH NO TUB OR SHOWER (HALF BATHS) DO NOT REQUIRE MECHANICAL VENTILATION IF THEY ARE PROVIDED WITH A WINDOW AT LEAST 3 SQ. FT. HALF OF WHICH IS OPENABLE (CRC R303.3).
13. LAUNDRY:
  - A. CLOTHES DRYERS IN CLOSETS REQUIRE A MINIMUM OF 100 SQ. IN. OF MAKEUP AIR, WHICH CAN BE SUPPLIED BY LOUVERS OR UNDERCUTTING THE DOOR (CMC 504.4.1).
  - B. DRYER DUCTS MUST BE SMOOTH-WALLED METAL 4" DIAMETER AND NOT MORE THAN 14 FEET IN LENGTH, WITH AN ALLOWANCE OF 2 90° BENDS IN THAT 14 FT. DEDUCT 2 FT. FOR EACH ADDITIONAL 90 BEND IN EXCESS OF 2 (CMC 504.2.1).
  - C. VENT POINT OF DISCHARGE SHALL BE OUTSIDE OF THE BUILDING AT LEAST 3 FEET FROM ANY OPENING INTO THE BUILDING AND 3 FEET FROM THE PROPERTY LINE.
14. RAISE WATER HEATER TO 18" ABOVE THE GARAGE FLOOR. STRAP WATER HEATER WITHIN THE UPPER 10 AND LOWER 1/3 OF ITS VERTICAL DIMENSION. STRAP AT THE LOWER POINT SHALL BE INSTALLED 4 INCHES ABOVE WATER HEATER CONTROLS. WATER HEATER SHALL BE WRAP WITH R-12 INSULATION



Window flashing detail STEP 1



Window flashing detail STEP 2



Window flashing step 3

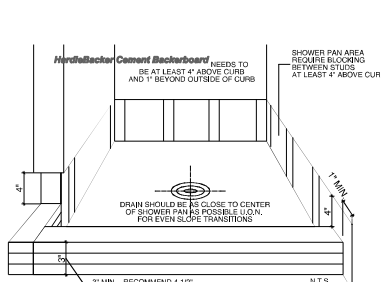
**FLASHING NOTES (R703.4):**

- APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. FELD-APPLIED MEMBRANES USED AS EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH. APPROVED CORROSION-RESISTANT FLASHINGS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:
- a. EXTERIOR WINDOW AND DOOR OPENINGS. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R703.4.1.
  - b. AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS. WITH PROJECTING LIPS ON BOTH SIDES UNDER STUCCO COPPINGS.
  - c. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL CORNICES AND SILLS.
  - d. CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
  - e. WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAME CONSTRUCTION.
  - f. AT WALL AND ROOF INTERSECTIONS.
  - g. AT BUILT-UP GUTTERS.

**R703.4.1 FLASHING INSTALLATION AT EXTERIOR WINDOW AND DOOR OPENINGS**

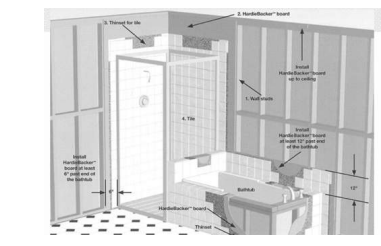
FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO A WATER-RESISTIVE BARRIER COMPLYING WITH SECTION 703.2 FOR SUBSEQUENT DRAINAGE. AIR SEALING SHALL BE INSTALLED AROUND ALL WINDOW AND DOOR OPENINGS ON THE INTERIOR SIDE OF THE ROUGH OPENING GAP. MECHANICALLY ATTACHED FLEXIBLE FLASHINGS SHALL COMPLY WITH AAMA 712. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING:

- THE PENETRATION MANUFACTURER'S INSTALLATION AND FLASHING INSTRUCTIONS, OR FOR APPLICATIONS NOT ADDRESSED IN THE PENETRATION MANUFACTURER'S INSTRUCTIONS, IN ACCORDANCE WITH THE FLASHING MANUFACTURER'S INSTRUCTIONS. WHERE FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED, PAN FLASHING SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES.



GENERAL NOTE:  
THE ENTIRE PAN AREA & CURB NEED TO BE SMOOTH, FREE OF GAPS AND SHARP EDGES.  
USE FLOOR DRAINS WITH ADJUSTABLE ROUND TRAP COVER FOR MORE FLEXIBILITY IN CURB THROUSHS AND LAYOUT WITH A SUPERIOR FINISHED APPEARANCE.  
SUBFLOOR SHOULD BE CUT 30 BOTTOM OF DRAIN FLANGE RESTS MORE FLUSH BUT NOT UNDER SURFACE OF SUBFLOOR.  
TUB/SHOWER WALLS TO HAVE A SMOOTH, HARD, NONABSORBENT SURFACE (TLE) OVER A MOISTURE RESISTANT UNDERLAYMENT.  
The nonabsorbent surface for the shower shall be at a height not less than 72" feet above the floor per CRC R307.2

SHOWER PAN DETAIL (TYP.)



HARDIEBACKER CEMENT BOARD IN BATH

**EXHAUST FAN NOTES:**

- PROVIDE local exhaust at all rooms with a tub, shower, spa or similar fixture) with a fan capable of exhausting a minimum of 50 G.F.M. CMC and Energy Code. Specify the fan on the plans, duct size and include the fan cut sheet. The fan must be listed at 3 sone or less for noise. The rating must be based on a Water Column of .25 or greater. See Manual Section 4.6.5, 4.6.7
- PROVIDE kitchen hood vented directly to the outside exhausting a minimum of 100 C.F.M. CMC and Energy Code. Specify the fan on the plans, duct size and include the fan cut sheet. The fan must be listed at 3 sone or less for noise. The rating must be based on a Water Column of .25 or greater. Exception: If the fan exhausts in excess of 400 C.F.M. the 3 sone rating is not required. See Manual Section 4.6.5, 4.6.7, California Energy Code 150.(o), ASHRAE 62.2

**GENERAL NOTES**

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
31713JLA CT. FREMONT CA 94536  
CA,USA 94536

PROJECT MANAGER  
NAME: GAURAV SONONE  
31713JLA CT. FREMONT CA 94536  
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PROJECT TYPE  
REMODEL & ADDITION

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
G3

**GREEN BUILDING NOTES:**

- PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF SOIL AND ARE NOT PART OF A LARGE COMMON PLAN OF DEVELOPMENT WHICH IN TOTAL DISTURBS ONE ACRE OR MORE, SHALL MANAGE STORM WATER DRAINAGE THROUGH CONSTRUCTION, SEE CALGREEN 4.106.2 FOR FURTHER DETAILS.
- CONSTRUCTION PLANS SHALL INDICATE HOW THE SITE GRADING OR DRAINAGE SYSTEM WILL MANAGE ALL SURFACE WATER FLOWS TO KEEP WATER FROM ENTERING BUILDINGS, SWALES, WATER COLLECTION AND DISPOSAL SYSTEMS, FRENCH DRAINS, WATER RETENTION CATCHES, AND OTHER MEASURES CAN BE USED. EXCEPTION: ADDITIONS AND ALTERATIONS NOT ALTERING THE DRAINAGE PATH.
- NEW CONSTRUCTION SHALL COMPLY WITH CALGREEN SECTION 4.106.4 TO FACILITATE FUTURE INSTALLATION AND USE OF EV CHARGERS. ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA ELECTRICAL CODE, ARTICLE 625. EXCEPTIONS:
  - WHERE THE LOCAL ENFORCING AGENCY HAS DETERMINED EV CHARGING AND INFRASTRUCTURE ARE NOT FEASIBLE.
  - ACCESSORY DWELLING UNITS (ADU) AND JUNIOR ACCESSORY DWELLING UNITS (AJDU) WITHOUT ADDITIONAL PARKING FACILITIES.
- FOR EACH DWELLING UNIT, INSTALL A LISTED RACEWAY TO ACCOMMODATE A DEDICATED 200V/240V 1-BRANCH CIRCUIT. THE RACEWAY SHALL NOT BE LESS THAN TRADE SIZE 1" (NOMINAL 1-1/8" INSIDE DIAMETER). THE RACEWAY SHALL ORIGINATE AT THE MAIN SERVICE OR SUBPANEL AND SHALL TERMINATE INTO A LISTED CABINET, BOX OR OTHER ENCLOSURE IN CLOSE PROXIMITY TO THE PROPOSED LOCATION OF AN EV CHARGER. RACEWAYS ARE REQUIRED TO BE PROTECTED AT ENCLOSED, UNACCESSIBLE OR CONCEALED AREAS AND SPACES. THE SERVICE PANEL AND/OR SUBPANEL SHALL PROVIDE CAPACITY TO INSTALL A 40 AMPERE MINIMUM DEDICATED BRANCH CIRCUIT AND SPACE(S) RESERVED TO PERMIT INSTALLATION OF A BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE. THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "EV CAPABLE".
- THE SERVICE PANEL OR SUB-PANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVER-CURRENT PROTECTIVE DEVICE(S) RESERVED FOR FUTURE EV CHARGING AS "EV CAPABLE". THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "EV CAPABLE".
- ALL NONCOMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-EFFICIENT AS SPECIFIED IN THE SCHEDULE. A FUTURE REPLACEMENT IS REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF FINAL INSPECTION. THE SCHEDULE SHALL BE OCCUPANCY OR FINAL PERMIT APPROVAL. BY BUILDING AND CONSTRUCTION DIVISION, SEE CALGREEN SECTION 4.101.11.11.1 FOR THE DEFINITION OF A NONCOMPLIANT PLUMBING FIXTURE. TYPES OF RESIDENTIAL BUILDINGS AFFECTED AND OTHER IMPORTANT EXEMPTIONS INCLUDE:
  - THE EFFECTIVE FLOOR VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 128 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.
  - SHOWERS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 80 PSI. SHOWERS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.
  - WHEN A SHOWERHEAD IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL SHOWERHEADS AND/OR OTHER SHOWERHEADS OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI. IF THE SHOWERHEAD IS BEING OPERATED AT A TIME, A HANDHELD SHOWER SHALL BE CONSIDERED A SHOWERHEAD.
  - THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 80 PSI. THE MINIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT BE LESS THAN 0.8 GALLONS PER MINUTE AT 20 PSI.
  - THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.4 GALLONS PER MINUTE AT 80 PSI. KITCHEN FAUCETS MAY TEMPORARILY EXCEED THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 80 PSI, AND MUST BE LIMITED TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI.
- PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 701.1 OF THE CALIFORNIA PLUMBING CODE.
- RESIDENTIAL DEVELOPMENTS SHALL COMPLY WITH A LOCAL WATER EFFICIENT LANDSCAPE OR ORDINANCE OR THE CURRENT CALIFORNIA DEPARTMENT OF WATER RESOURCES' MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO), WHICHEVER IS MORE STRINGENT.
- NEWLY CONSTRUCTED RESIDENTIAL DEVELOPMENTS, WHERE IDENTIFIED TERTIARY RECHARGE WATER IS AVAILABLE FROM A MUNICIPAL SOURCE TO A CONSTRUCTION SITE, MAY BE REQUIRED TO HAVE RECYCLED WATER SUPPLY SYSTEMS INSTALLED, ALLOWING THE USE OF RECYCLED WATER FOR RESIDENTIAL LANDSCAPE IRRIGATION SYSTEMS. SEE CHAPTER 15 OF THE CALIFORNIA PLUMBING CODE.
- ANNUAL SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN SOLE BOTTOM PLATES IN EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR SIMILAR METHOD ACCEPTABLE TO THE LOCAL ENFORCING AGENCY.
- RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH CALGREEN SECTION 4.408.2 OR 4.408.3.
  - SUBMIT A CONSTRUCTION WASTE MANAGEMENT PLAN IN CONFORMANCE WITH ITEMS 1 THROUGH 5. THE CONSTRUCTION WASTE MANAGEMENT PLAN SHALL BE UPDATED AS NECESSARY AND SHALL BE AVAILABLE DURING CONSTRUCTION FOR EXAMINATION BY THE LOCAL ENFORCING AGENCY.
    - IDENTIFY THE CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE DIVERTED FROM DISPOSAL BY RECYCLING, REUSE ON THE PROJECT OR SALVAGE FOR FUTURE CONSTRUCTION.
    - SPECIFY IF CONSTRUCTION AND DEMOLITION WASTE MATERIALS WILL BE SORTED ON-SITE (SOURCE-SEPARATED) OR BULK MIXED (SINGLE STREAM).
    - IDENTIFY DIVERSION FACILITIES WHERE THE CONSTRUCTION AND DEMOLITION WASTE MATERIAL WILL BE TAKEN.
    - IDENTIFY CONSTRUCTION METHODS EMPLOYED TO REDUCE THE AMOUNT OF CONSTRUCTION AND DEMOLITION WASTE GENERATED.
    - SPECIFY THAT THE AMOUNT OF CONSTRUCTION AND DEMOLITION WASTE MATERIALS DIVERTED SHALL BE CALCULATED BY WEIGHT OR VOLUME, BUT NOT BY BOTH.
  - A WASTE MANAGEMENT COMPANY CAN BE UTILIZED IF APPROVED BY THE LOCAL ENFORCING AGENCY. SEE CALGREEN 4.408.3 FOR FURTHER DETAILS.
- DOCUMENTATION SHALL BE PROVIDED TO THE LOCAL ENFORCING AGENCY WHICH DEMONSTRATES COMPLIANCE WITH SECTION 4.408.2, ITEMS 1 THROUGH 5, SECTION 4.408.3 OR SECTION 4.408.4.
  - AT THE TIME OF FINAL INSPECTION, A MANUAL, COMPACT DECISION-BASED REFERENCE OR OTHER MEASUREMENT SHALL BE PROVIDED TO THE LOCAL ENFORCING AGENCY WHICH INCLUDES ALL OF THE FOLLOWING INFORMATION:
    - 4.410.1 FOR DETAILS OF REQUIRED INFORMATION.
    - ANY INSTALLED GAS FIREPLACE SHALL BE A DIRECT-VENT SEAL-TO-COMBUSTION-TYPE. ANY INSTALLED WOODSTOVE OR PELLET STOVE SHALL COMPLY WITH U.S. EPA VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS LIMITS. IF AVAILABLE, PELLET STOVES AND FIREPLACES SHALL ALSO COMPLY WITH APPLICABLE LOCAL ENFORCING AGENCY ORDINANCES AND BY FIRE AREA QUALITY MANAGEMENT DISTRICT REGULATION 6, RULE 3.
    - AT THE TIME OF ROUGH INSTALLATION, DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL EXISTING AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TYPICAL PLASTIC SHEETING OR OTHER METHODS ACCEPTABLE TO THE LOCAL ENFORCING AGENCY TO REDUCE THE AMOUNT OF WATER, DUST AND DEBRIS, WHICH MAY ENTER THE SYSTEM.
  - ADHESIVES, SEALANTS AND CALKLS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF CALGREEN TABLES 4.081.1 OR 4.084.2. SUCH PRODUCTS ALSO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (POLYCHLORINATED BIPHENYLS, POLYBROMINATED BIPHENYLS, PERCHLOROETHYLENE AND TRICHLOROETHYLENE) EXCEPT FOR AEROSOL PRODUCTS, AS SPECIFIED BELOW.
    - 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 10% SOLIDS) SHALL COMPLY WITH THE DIRECT VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94077.
    - ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH THE REQUIREMENTS SHOWN IN TABLE 4.024.3 SHEET C68. THE VOC CONTENT LIMIT FOR COATINGS THAT DO NOT MEET THE REQUIREMENTS FOR THE SPECIALLY FINISH CATEGORIES LISTED IN TABLE 4.024.3 SHALL BE DETERMINED BY CLASSIFYING THE COATING AS A FLOOR FINISH, NONFLOOR FINISH, OR OTHER COATING, BASED ON ITS GLOSS, AS DEFINED IN SUBSECTIONS 4.2.1, 4.2.4, AND 4.2.7 OF CALIFORNIA AIR RESOURCES BOARD, SUGGESTED CONTROL MEASURE, AND THE CORRESPONDING FLAT, NONFLAT OR NONFLAT-HIGH GLOSS VOC LIMIT IN TABLE 4.024.3, SHEET C67 SHALL APPLY.
    - AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MPB LIMITS FOR ROG IN SECTION 94522(A2) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES IN SECTIONS 94521 AND 94522 OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94500. AND IN AREAS UNDER THE JURISDICTION OF THE FIRE AREA QUALITY MANAGEMENT DISTRICT ADDITIONALLY COMPLY WITH THE PERCENT VOC BY WEIGHT OF PRODUCT LIMITS OF REGULATION 6, RULE 46.
  - VERIFICATION OF COMPLIANCE WITH NOTES 15, 16 AND 17 SHALL BE PROVIDED AT THE REQUEST OF THE LOCAL ENFORCING AGENCY.
    - ALL CARPET INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE TESTING AND PRODUCT REQUIREMENTS OF ONE OF THE FOLLOWING:
      - CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM.
      - CALIFORNIA DEPARTMENT OF PUBLIC HEALTH "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS"-VERSION 1.1, FEBRUARY 2010 (ALSO KNOWN AS SPECIFICATION 01050).
      - NSF-ANSI 140 AT THE GOLD LEVEL.
      - SCIENTIFIC CERTIFICATION SYSTEMS INDOOR ADVANTAGE GOLD.
    - ALL CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF THE CARPET AND RUG INSTITUTE'S GREEN LABEL PROGRAM. ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 4.094.1.
  - WHERE RESILIENT FLOORING IS INSTALLED, AT LEAST 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH ONE OR MORE OF THE FOLLOWING:
    - PRODUCTS COMPLIANT WITH THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS"-VERSION 1.1, FEBRUARY 2010 (ALSO KNOWN AS SPECIFICATION 01050).
    - COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CHPS) HIGH PERFORMANCE PRODUCTS DATABASE.
    - PRODUCTS CERTIFIED UNDER U.S. GREENGUARD GOLD (FORMERLY THE GREENGUARD CHILDREN & SCHOOLS PROGRAM).
    - CERTIFICATION UNDER THE RESILIENT FLOOR COVERING INSTITUTE (IFCI) FLOORSCORE PROGRAM.
    - MEET THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS"-VERSION 1.1, FEBRUARY 2010 (ALSO KNOWN AS SPECIFICATION 01050).
  - HARDWOOD PLYWOOD, PARTICLEBOARD AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON THE FLOOR OF THE BUILDING OR EXTERIOR SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN TABLE 4.024.1.
  - VERIFICATION OF COMPLIANCE WITH NOTE 21 SHALL BE PROVIDED AT THE REQUEST OF THE LOCAL ENFORCING AGENCY.
  - CONCRETE SLAB FOUNDATIONS REQUIRED TO HAVE A VAPOR RETARDER BY CBC CHAPTER 11 OR CONCRETE SLAB-ON-GROUND FLOORS REQUIRED TO HAVE A VAPOR RETARDER BY CBC CHAPTER 5, SHALL COMPLY WITH FOLLOWING REQUIREMENT:
    - A CAPILARY BREAK SHALL BE INSTALLED IN COMPLIANCE WITH AT LEAST ONE OF THE FOLLOWING:
      - A 4-INCH-THICK BASE OF 12 INCH OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR RETARDER IN DIRECT CONTACT WITH CONCRETE AND A CONCRETE MIX DESIGN, WHICH WILL ADDRESS BLEEDING, SHRINKAGE, AND CURLING, SHALL BE USED.
      - A SLAB DESIGN SPECIFIED BY THE LICENSED DESIGN PROFESSIONAL.
  - BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE INSTALLED. WALL AND FLOOR FRAMING SHALL NOT

BE ENCLOSED WHEN THE FRAMING MEMBERS EXCEED 10 PERCENT MOISTURE CONTENT. INSULATION PRODUCTS WHICH ARE VISIBLY WET OR HAVE A HIGH MOISTURE CONTENT SHALL BE REPLACED OR ALLOWED TO DRY BEFORE ENCLOSURE IN WALL OR FLOOR CAVITIES. WET-APPLIED INSULATION PRODUCTS SHALL FOLLOW THE MANUFACTURER'S DRYING REQUIREMENTS TO ENCLOSURE.

- EACH BATHROOM SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH THE FOLLOWING:
  - FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING.
  - UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE MECHANICAL SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL.
    - HUMIDITY CONTROL SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 45 PERCENT TO A MAXIMUM OF 60 PERCENT. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT.
    - A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO THE EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL.

- HEATING AND AIR-CONDITIONING SYSTEMS SHALL BE SIZED, DESIGNED AND HAVE THEIR EQUIPMENT SELECTED USING THE FOLLOWING METHODS:
  - THE HEAT LOSS AND HEAT GAIN IS ESTABLISHED ACCORDING TO ANSI/ACCA MANUAL J-1016 (RESIDENTIAL LOAD CALCULATION), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.
  - DUCT SYSTEMS ARE SIZED ACCORDING TO ANSI/ACCA 1 MANUAL J-1016 (RESIDENTIAL DUCT SYSTEMS), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.
  - SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ACCA 1 MANUAL J-1016 (RESIDENTIAL EQUIPMENT SELECTION) OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.

- HVAC SYSTEM INSTALLERS SHALL BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS INCLUDING DUCT AND EQUIPMENT BY A NATIONALLY OR REGIONALLY RECOGNIZED TRAINING OR CERTIFICATION PROGRAM. UNCERTIFIED PERSONS MAY PERFORM HVAC INSTALLATIONS WHEN UNDER THE DIRECT SUPERVISION AND RESPONSIBILITY OF A PERSON TRAINED AND CERTIFIED TO INSTALL HVAC SYSTEMS OR CONTRACTOR LICENSED TO INSTALL HVAC SYSTEMS.

**TABLE 4.041.2**  
**ADHESIVE VOC LIMIT<sup>1</sup>**  
**LESS WATER AND LESS EXEMPT COMPOUNDS IN Grams per Liter**

| ARCHITECTURAL APPLICATIONS              | VOC LIMIT       |
|---|-----------------|
| Indoor carpet adhesives                 | 50              |
| Carpet pad adhesives                    | 150             |
| Disinfectant carpet adhesives           | 150             |
| Wood flooring adhesive                  | 100             |
| Waterproofing adhesive                  | 60 <sup>2</sup> |
| Subfloor adhesives                      | 50              |
| Concrete tile adhesive                  | 65              |
| VCT and asphalt tile adhesives          | 50              |
| Drywall and panel adhesives             | 50              |
| Crack base adhesives                    | 50              |
| Multipurpose construction adhesives     | 70              |
| Structural glazing adhesives            | 100             |
| Stair-gly roof membrane adhesives       | 250             |
| Other adhesives not specifically listed | 50              |

**SPECIALTY APPLICATIONS**

|                                  |     |
|----------------------------------|-----|
| PVC welding                      | 510 |
| CPVC welding                     | 400 |
| ABS welding                      | 325 |
| Plastic cement welding           | 250 |
| Adhesive primer for plastic      | 550 |
| Contact adhesive                 | 80  |
| Special purpose contact adhesive | 250 |
| Structural wood member adhesive  | 140 |
| Top and trim adhesive            | 250 |

**SUBSTRATE SPECIFIC APPLICATIONS**

|                               |    |
|-------------------------------|----|
| Metal to metal                | 30 |
| Plastic foam                  | 50 |
| Porous material (except wood) | 50 |
| Wood                          | 80 |
| Fiberglass                    | 80 |

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: *Soil-Clean Air Quality Management District Rule 1168*.

**TABLE 4.041.3**  
**SEALANT VOC LIMIT**  
**LESS WATER AND LESS EXEMPT COMPOUNDS IN Grams per Liter**

| ARCHITECTURAL APPLICATIONS | VOC LIMIT |
|----------------------------|-----------|
| Architectural              | 250       |
| Mainie deck                | 760       |
| Non-urethane roof          | 300       |
| Roadway                    | 250       |
| Single-ply roof membranes  | 450       |
| Other                      | 420       |

**SEALANT REPAIRS**

|                     |     |
|---------------------|-----|
| Architectural       | 250 |
| Asph/Flt            | 775 |
| Porous              | 775 |
| Modified bituminous | 500 |
| Mainie deck         | 760 |
| Other               | 750 |

- DOCUMENTATION USED TO SHOW COMPLIANCE WITH THIS CODE SHALL INCLUDE BUT IS NOT LIMITED TO: CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BIDDING OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR OTHER METHODS ACCEPTABLE TO THE LOCAL ENFORCING AGENCY WHICH DEMONSTRATE SUBSTANTIAL CONFORMANCE, WHEN SPECIFIC DOCUMENTATION OR SPECIAL INSPECTION IS NECESSARY TO VERIFY COMPLIANCE. THAT METHOD OF COMPLIANCE WILL BE SPECIFIED IN THE APPROPRIATE SECTION OR IDENTIFIED IN THE APPLICATION CHECKLIST.

**TABLE 4.041.3**  
**VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS<sup>1</sup>**  
**Less Water and Less Exempt Components**

| COATING CATEGORY                            | VOC LIMIT |
|---|-----------|
| Flat coatings                               | 50        |
| Nonflat coatings                            | 100       |
| Nonflat-high gloss coatings                 | 150       |
| Water-based emulsions <sup>2</sup>          | 50        |
| Aluminum roof coatings                      | 400       |
| Insecticidal specialty coatings             | 400       |
| Bituminous roof coatings                    | 50        |
| Bituminous roof primers                     | 350       |
| Isol breakers                               | 350       |
| Concrete curing compounds                   | 350       |
| Concrete/masonry sealers                    | 100       |
| Driveway sealers                            | 50        |
| Dry-fog coatings                            | 150       |
| Faux finishing coatings                     | 350       |
| Fine resistive coatings                     | 250       |
| Floor coatings                              | 100       |
| Form-release compounds                      | 250       |
| Graphic arts coatings (sign paints)         | 500       |
| High temperature coatings                   | 420       |
| Industrial maintenance coatings             | 250       |
| Low solids coatings                         | 120       |
| Magnetic cement coatings                    | 450       |
| Mastic texture coatings                     | 100       |
| Metallic pigmented coatings                 | 500       |
| Multifloor coatings                         | 250       |
| Pretreatment wash primers                   | 420       |
| Primers, sealers, and undercoaters          | 100       |
| Resistive protective coatings               | 150       |
| Recycled coatings                           | 250       |
| Roof coatings                               | 50        |
| Roof preventive coatings                    | 250       |
| Seal  | 730       |
| Sealant                                     | 550       |
| Specialty primers, sealers and undercoaters | 100       |
| Stains                                      | 250       |
| Stone consolidants                          | 450       |
| Swimming pool coatings                      | 240       |
| Traffic marking coatings                    | 100       |
| Tile and tile re-finish coatings            | 420       |
| Waterproofing membranes                     | 250       |
| Wood coatings                               | 275       |
| Wood preservatives                          | 350       |
| Zinc-rich primers                           | 340       |

1. Grams of VOC per liter of coating, including water and including exempt compounds.  
2. The specified limit restriction in effect unless revised limits are listed in subsequent columns in this table.  
3. Values in this table are derived from those specified by the California Air Resources Board, Architectural Coatings Suggested Control Measure, February 1, 2008. More information is available from the Air Resources Board.

**TABLE 4.041.6**  
**FORMALDEHYDE LIMITS<sup>1</sup>**  
**Maximum Formaldehyde Emissions in Parts per Million**

| product                                     | current limit |
|---|---------------|
| Hardwood plywood veneer core                | 0.05          |
| Hardwood plywood composite core             | 0.05          |
| Particleboard                               | 0.09          |
| Medium density fiberboard                   | 0.17          |
| Thin medium density fiberboard <sup>2</sup> | 0.13          |

1. Values in this table are derived from those specified by the California Air Resources Board, Air Toxics Control Measure for Composite Wood as used in accordance with ASTM F1131. For additional information, see California Code of Regulations, Title 17, Section 90120 through 90120.12.  
2. This medium density fiberboard has a maximum thickness of 1/8 inch or less.

**TITLE**

**GENERAL NOTES**

**CLIENT NAME**  
KUNAL CHAWLA & PRANALI GITE

**DESIGN & MANAGED BY:**  
DREAM FORGE LLC  
21713JLA CT, FREMONT CA 94536  
CA, USA 94536

**PROJECT MANAGER**  
NAME: GAURAV SONONE  
31713JLA CT, FREMONT CA 94536  
PHONE: +1(510)744-7445  
EMAIL: dreamforge@gmail.com

**PROJECT TYPE**  
REMODEL & ADDITION

**PROJECT NAME AND ADDRESS**  
2250 BOHANNAN, SANTA CLARA, CA, USA

**DRAWING NUMBER**  
G4









**CALGREEN 2025 NOTES – MANDATORY REQUIREMENTS:**

**1.** PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF SOIL AND ARE NOT PART OF A LARGER COMMON PLAN OF DEVELOPMENT WHICH IN TOTAL DISTURBS ONE ACRE OR MORE, SHALL MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION, SEE CALGREEN 4.106.2 FOR FURTHER DETAILS.

**2.** CONSTRUCTION PLANS SHALL INDICATE HOW THE SITE GRADING OR DRAINAGE SYSTEM WILL MANAGE ALL SURFACE WATER FLOWS TO KEEP WATER FROM ENTERING BUILDINGS, SWALES, WATER COLLECTION AND DISPOSAL SYSTEMS, FRENCH DRAINS, WATER RETENTION GARDENS, AND OTHER MEASURES CAN BE USED. EXCEPTION: ADDITIONS AND ALTERATIONS NOT ALTERING THE DRAINAGE PATH.

**3.** FOR ANY NEW DWELLING UNITS WITH ATTACHED GARAGES AND FOR REBUILDS OF EXISTING DWELLING UNITS THAT INCLUDE A PANEL UPGRADE OR CONSTRUCTION BETWEEN THE PANEL AND PARKING AREA, INSTALL A LEVEL 2 EV READY SPACE AND LEVEL 1 EV READY SPACE. THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "LEVEL 2 EV-READY."

EXCEPTION: FOR EACH DWELLING UNIT WITH ONLY ONE PARKING SPACE, INSTALL A LEVEL 2 EV READY SPACE.

LEVEL 1 EV READY SPACE IS A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT WITH A MINIMUM OF 110/120 VOLT, 20-AMPERE CAPACITY, INCLUDING ELECTRICAL PANEL CAPACITY; AN OVERPROTECTION DEVICE; A MINIMUM 1" DIAMETER RACEWAY THAT MAY INCLUDE MULTIPLE CIRCUITS AS ALLOWED BY THE COUNTY ELECTRICAL CODE; PROPERLY SIZED CONDUCTORS; GROUNDING AND BONDING; AND EITHER (A) A RECEPTACLE LABELED "ELECTRIC VEHICLE OUTLET" WITH AT LEAST A 1/4" FONT ADJACENT TO THE PARKING SPACE, OR (B) LABELED ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE).

LEVEL 2 EV READY SPACE IS A PARKING SPACE SERVED BY A COMPLETE ELECTRIC CIRCUIT WITH A MINIMUM OF 208/240 VOLT, 40-AMPERE CAPACITY, INCLUDING THE REQUIRED ELECTRICAL PANEL CAPACITY; AN OVERCURRENT PROTECTION DEVICE; A MINIMUM 1" DIAMETER RACEWAY THAT MAY INCLUDE MULTIPLE CIRCUITS AS ALLOWED BY THE COUNTY ELECTRICAL CODE; PROPERLY SIZED CONDUCTORS; GROUNDING AND BONDING; AND EITHER (A) A RECEPTACLE LABELED "ELECTRIC VEHICLE OUTLET" WITH A MINIMUM 1/4" FONT, ADJACENT TO THE PARKING SPACE, OR (B) A BLANK LABELED ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) WITH A MINIMUM OUTPUT OF 40 AMPERES.

**4.** ACCESSORY DWELLING UNITS (ADU) AND JUNIOR ACCESSORY DWELLING UNITS (AJDU) WITHOUT ADDITIONAL PARKING SPACES AND WITHOUT ELECTRICAL PANEL UPGRADE OR NEW PANEL INSTALLATION ARE EXEMPT FROM REQUIREMENTS ON NOTE 3. ADUS AND AJDUS WITHOUT ADDITIONAL PARKING BUT WITH ELECTRICAL PANEL UPGRADES OR NEW PANELS MUST HAVE RESERVE BREAKERS AND ELECTRICAL CAPACITY ACCORDING TO THE REQUIREMENTS OF NOTE 3.

**5.** ALL NONCOMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES. PLUMBING FIXTURE REPLACEMENT IS REQUIRED PRIOR TO ISSUANCE OF A CERTIFICATE OF FINAL COMPLETION, CERTIFICATE OF OCCUPANCY, OR FINAL PERMIT APPROVAL BY BUILDING AND INSPECTION DIVISION. SEE CIVIL CODE SECTION 1101.1, ET SEQ., FOR THE DEFINITION OF A NONCOMPLIANT PLUMBING FIXTURE, TYPES OF RESIDENTIAL BUILDINGS AFFECTED AND OTHER IMPORTANT ENACTMENT DATES.

**A.** THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS.

**B.** SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 80 PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS.

**C.** WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL SHOWER-HEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ALLOW ONLY ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME. A HAND-HELD SHOWER SHALL BE CONSIDERED A SHOWERHEAD.

**D.** THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 60 PSI. THE MINIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT BE LESS THAN 0.8 GALLONS PER MINUTE AT 20 PSI.

**E.** THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI.

**6.** PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.7 OF THE CALIFORNIA PLUMBING CODE.

**7.** RESIDENTIAL DEVELOPMENTS SHALL COMPLY WITH COUNTY OF SANTA CLARA WATER EFFICIENT LANDSCAPE ORDINANCE OR THE CURRENT CALIFORNIA DEPARTMENT OF WATER RESOURCES' MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO), WHICHEVER IS MORE STRINGENT.

**8.** Not used.

**9.** ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR A SIMILAR METHOD ACCEPTABLE TO THE COUNTY OF SANTA CLARA.

**10.** RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH CALGREEN SECTION 4.408.2 OR 4.408.3.

A. A CONSTRUCTION WASTE MANAGEMENT PLAN IS PROVIDED, THE CONSTRUCTION WASTE MANAGEMENT PLAN SHALL BE UPDATED AS NECESSARY AND SHALL BE AVAILABLE DURING CONSTRUCTION FOR EXAMINATION BY THE COUNTY OF SANTA CLARA.

1. IDENTIFY THE CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE DIVERTED FROM DISPOSAL BY RECYCLING, REUSE OR THE PROJECT OR SALVAGE FOR FUTURE USE OR SALE.
2. SPECIFY IF CONSTRUCTION AND DEMOLITION WASTE MATERIALS WILL BE SORTED ON-SITE (SOURCE-SEPARATED) OR BULK MIXED (SINGLE STREAM).
3. IDENTIFY DIVERSION FACILITIES WHERE THE CONSTRUCTION AND DEMOLITION WASTE MATERIAL WILL BE TAKEN.
4. IDENTIFY CONSTRUCTION METHODS EMPLOYED TO REDUCE THE AMOUNT OF CONSTRUCTION AND DEMOLITION WASTE GENERATED.
5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

B. A WASTE MANAGEMENT COMPANY CAN BE UTILIZED IF APPROVED BY THE COUNTY OF SANTA CLARA. SEE CALGREEN 4.408.3 FOR FURTHER DETAILS.

**11.** DOCUMENTATION SHALL BE PROVIDED TO THE COUNTY OF SANTA CLARA WHICH DEMONSTRATES COMPLIANCE WITH NOTE 10.

**12.** AT THE TIME OF FINAL INSPECTION, A MANUAL, COMPACT DISC, WEB-BASED REFERENCE, OR OTHER MEDIA ACCEPTABLE TO THE COUNTY OF SANTA CLARA INCLUDES ALL OF THE REQUIRED INFORMATION, SHALL BE PLACED IN THE BUILDING. SEE CALGREEN 4.410.1 FOR DETAILS OF REQUIRED INFORMATION.

**13.** 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) FIA 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 SANTA CLARA COUNTY ORDINANCES AND BAY AREA AIR QUALITY MANAGEMENT DISTRICT REGULATION 6, RULE 3.

**14.** 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 MECHANICAL SYSTEMS THROUGH OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE COUNTY OF SANTA CLARA TO REDUCE THE AMOUNT OF WATER, DUST AND DEBRIS, WHICH MAY ENTER THE SYSTEM.

**15.** ADHESIVES, SEALANTS AND CAULKS USED ON THE PROJECT SHALL MEET THE REQUIREMENTS OF CALGREEN TABLES 4.504.1 OR 4.504.2 AS REPRODUCED ON SHEET CG-1. SUCH PRODUCTS ALSO SHALL COMPLY WITH THE RULE 1168 PROHIBITION ON THE USE OF CERTAIN TOXIC COMPOUNDS (CHLOROFORM, ETHYLENE DICHLORIDE, METHYLENE CHLORIDE, PERCHLOROETHYLENE AND TRICHLOROETHYLENE), EXCEPT FOR AEROSOL PRODUCTS, AS SPECIFIED BELOW.

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 FLUID OUNCES) SHALL COMPLY WITH STATEWIDE VOC STANDARDS AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS, OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94507.

**16.** ARCHITECTURAL PAINTS AND COATINGS SHALL COMPLY WITH VOC LIMITS AS SHOWN IN TABLE 4.504.3 SHEET CG-1. 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-HIGH GLOSS COATING, BASED 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, SHEET CG-1 SHALL APPLY.

**17.** AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MTR 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.

**18.** VERIFICATION OF COMPLIANCE WITH NOTES 15, 16, AND 17 SHALL BE PROVIDED AT THE REQUEST OF THE COUNTY OF SANTA CLARA.

**19.** ALL CARPET AND CARPET CUSHION INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE REQUIREMENTS OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATION 01350).

ALL CARPET ADHESIVE SHALL MEET THE REQUIREMENTS OF TABLE 4.504.1, SHEET CG-1.

**20.** WHERE RESILIENT FLOORING IS INSTALLED, AT LEAST 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL MEET THE REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, "STANDARD METHOD FOR THE TESTING AND EVALUATION OF VOLATILE ORGANIC CHEMICAL EMISSIONS FROM INDOOR SOURCES USING ENVIRONMENTAL CHAMBERS," VERSION 1.2, JANUARY 2017 (EMISSION TESTING METHOD FOR CALIFORNIA SPECIFICATION 01350).

**21.** HARDWOOD PLYWOOD, PARTICLEBOARD AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON THE INTERIOR OR EXTERIOR OF THE BUILDING SHALL MEET THE REQUIREMENTS FOR FORMALDEHYDE AS SPECIFIED IN TABLE 4.504.5 SHEET CG-1.

**22.** VERIFICATION OF COMPLIANCE WITH NOTE 21 SHALL BE PROVIDED AT THE REQUEST OF THE COUNTY OF SANTA CLARA.

**23.** CONCRETE SLAB FOUNDATIONS REQUIRED TO HAVE A VAPOR RETARDER BY CBC, CHAPTER 19 OR CONCRETE SLAB-ON-GROUND FLOORS REQUIRED TO HAVE A VAPOR RETARDER BY CRC CHAPTER 5, SHALL COMPLY WITH FOLLOWING REQUIREMENT:

A CAPILLARY BREAK SHALL BE INSTALLED IN COMPLIANCE WITH AT LEAST ONE OF THE FOLLOWING:

- A. A 4-INCH-THICK BASE OF 1/2 INCH OR LARGER CLEAN AGGREGATE SHALL BE PROVIDED WITH A VAPOR RETARDER IN DIRECT CONTACT WITH CONCRETE AND A CONCRETE MIX DESIGN, WHICH WILL ADDRESS BLEEDING, SHRINKAGE, AND CURLING, SHALL BE USED.
- B. A SLAB DESIGN SPECIFIED BY THE LICENSED DESIGN PROFESSIONAL.

**24.** BUILDING MATERIALS WITH VISIBLE SIGNS OF WATER DAMAGE SHALL NOT BE INSTALLED. WALL AND FLOOR FRAMING SHALL NOT BE ENCLOSED WHEN THE FRAMING MEMBERS EXCEED 19 PERCENT MOISTURE CONTENT. INSULATION PRODUCTS WHICH ARE VISIBLY WET OR HAVE A HIGH MOISTURE CONTENT SHALL BE REPLACED OR ALLOWED TO DRY PRIOR TO ENCLOSURE IN WALL OR FLOOR CAVITIES. WET-APPLIED INSULATION PRODUCTS SHALL FOLLOW THE MANUFACTURERS' DRYING RECOMMENDATIONS PRIOR TO ENCLOSURE.

**25.** EACH BATHROOM SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH THE FOLLOWING:

- A. FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING.
- B. UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL.
  1. HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF ≤ 50 PERCENT TO A MAXIMUM OF 80 PERCENT. A HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT.
  2. A HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT TO THE EXHAUST FAN AND IS NOT REQUIRED TO BE INTEGRAL.

**26.** HEATING AND AIR-CONDITIONING SYSTEMS SHALL BE SIZED, DESIGNED AND HAVE THEIR EQUIPMENT SELECTED USING THE FOLLOWING METHODS:

- A. THE HEAT LOSS AND HEAT GAIN IS ESTABLISHED ACCORDING TO ANSI/ACCA 2 MANUAL 1—2016 (RESIDENTIAL LOAD CALCULATION), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.
- B. DUCT SYSTEMS ARE SIZED ACCORDING TO ANSI/ACCA 1 MANUAL D—2016 (RESIDENTIAL DUCT SYSTEMS), ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.
- C. SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ANSI/ACCA 3 MANUAL 6—2014 (RESIDENTIAL EQUIPMENT SELECTION) OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS.

**27.** HVAC SYSTEM INSTALLERS SHALL BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS INCLUDING DUCTS AND EQUIPMENT BY A NATIONALLY OR REGIONALLY RECOGNIZED TRAINING OR CERTIFICATION PROGRAM. UNCERTIFIED PERSONS MAY PERFORM HVAC INSTALLATIONS WHEN UNDER THE DIRECT SUPERVISION AND RESPONSIBILITY OF A PERSON TRAINED AND CERTIFIED TO INSTALL HVAC SYSTEMS OR CONTRACTOR LICENSED TO INSTALL HVAC SYSTEMS.

**28.** IF REQUIRED BY THE COUNTY OF SANTA CLARA, THE OWNER OR THE RESPONSIBLE ENTITY ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTION OR OTHER DUTIES NECESSARY TO SUBSTANTIATE COMPLIANCE WITH THIS CODE. SPECIAL INSPECTORS SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE COUNTY OF SANTA CLARA FOR THE PARTICULAR TYPE OF INSPECTION OR TASK TO BE PERFORMED. SPECIAL INSPECTORS SHALL BE INDEPENDENT ENTITIES WITH NO FINANCIAL INTEREST IN THE MATERIALS OR THE PROJECT THEY ARE INSPECTING FOR COMPLIANCE WITH THIS CODE.

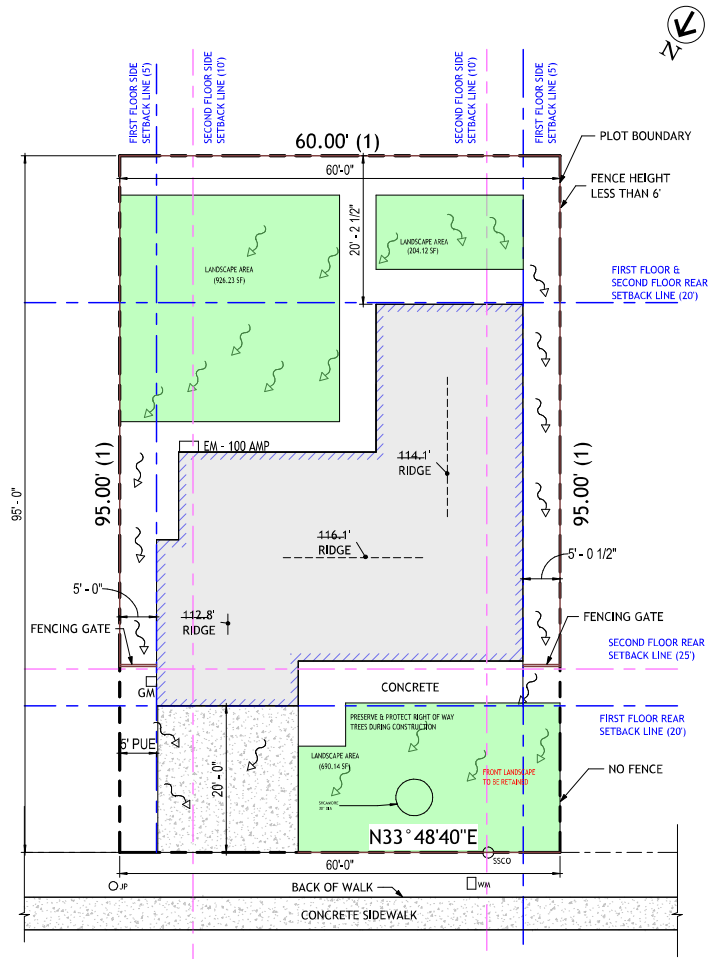
**29.** DOCUMENTATION USED TO SHOW COMPLIANCE WITH THIS CODE SHALL INCLUDE BUT IS NOT LIMITED TO, CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR OTHER METHODS ACCEPTABLE TO THE COUNTY OF SANTA CLARA WHICH DEMONSTRATE SUBSTANTIAL CONFORMANCE. WHEN SPECIFIC DOCUMENTATION OR SPECIAL INSPECTION IS NECESSARY TO VERIFY COMPLIANCE, THAT METHOD OF COMPLIANCE WILL BE SPECIFIED IN THE APPROPRIATE SECTION OR IDENTIFIED IN THE APPLICATION CHECKLIST.

|                                 |  |
|---------------------------------|--|
| <b>CLIENT NAME</b>              | KUNAL CHAWLA & PRANALI GITE  |
| <b>DESIGN &amp; MANAGED BY:</b> | DREAM FORGE LLC<br>37173 ILA CT, FREMONT CA 94538<br>CA USA 94538  |
| <b>PROJECT MANAGER</b>          | NAME: GAURAV SONONE<br>37173 ILA CT, FREMONT CA 94538<br>PHONE: +1(956)744-7445<br>EMAIL: dreamforge.gs@gmail.com<br> |
| <b>PROJECT TYPE</b>             | REMODEL & ADDITION   |
| <b>PROJECT NAME AND ADDRESS</b> | 2250 BOWANNON DR, SANTA CLARA, CA 95050, USA   |

**CALGreen One or Two Family Residential Project Mandatory Requirements  
County of Santa Clara**



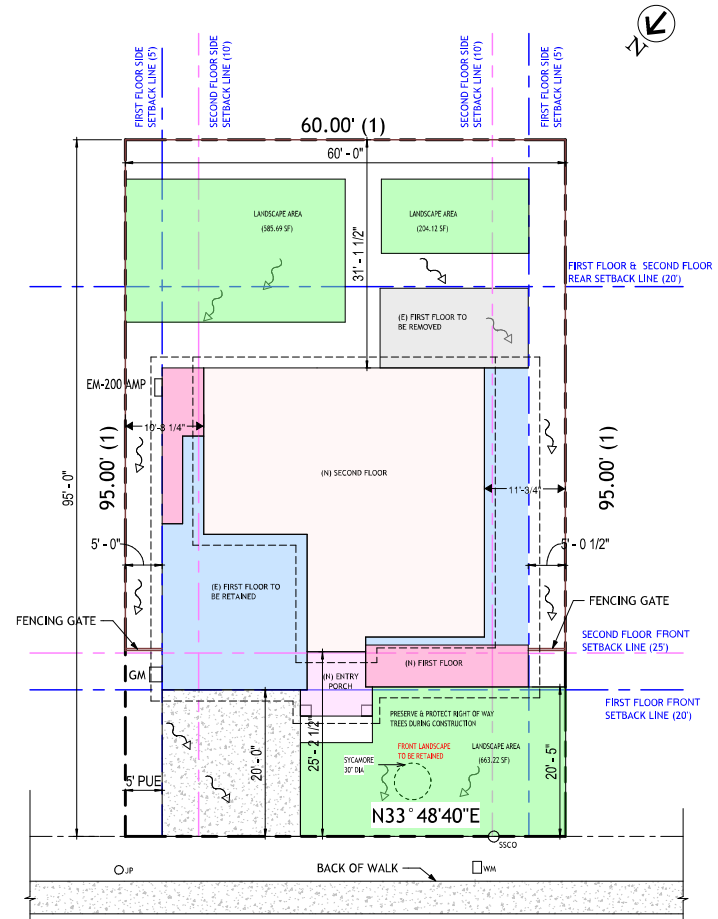
**CG-2**



EXISTING SITE PLAN

A EXISTING PLOT PLAN

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



B PROPOSED PLOT PLAN

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

LOT NORTH DIRECTION

TITLE  
(E) PLOT VS (P) PLOT PLAN

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

PROJECT MANAGER  
NAME: GAURAV SONONE  
37173 JLA CT, FREMONT CA 94536  
PHONE: +1(510)5744-7445  
EMAIL: dreamforge.g@gmail.com

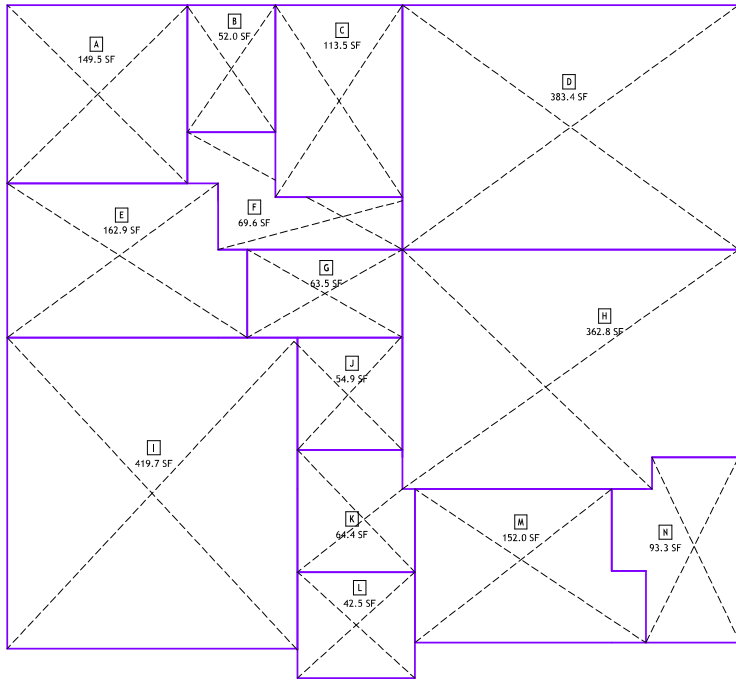
*Gaurav Sonone*

PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A1.A

LOT NORTH DIRECTION



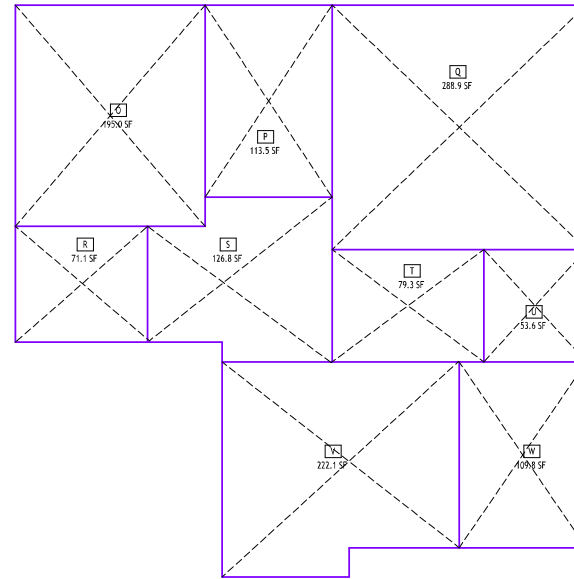
**A** PROPOSED FIRST FLOOR AREA PLAN

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

**FIRST FLOOR AREA'S**

|   |          |
|---|----------|
| A | 149.5 SF |
| B | 52.0 SF  |
| C | 113.5 SF |
| D | 383.4 SF |
| E | 162.9 SF |
| F | 69.6 SF  |
| G | 63.5 SF  |
| H | 362.8 SF |
| I | 419.7 SF |
| J | 54.9 SF  |
| K | 64.4 SF  |
| L | 42.5 SF  |
| M | 152.0 SF |
| N | 93.3 SF  |

**TOTAL AREA = 2184 SF**



**B** PROPOSED SECOND FLOOR AREA PLAN

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

**SECOND FLOOR AREA'S**

|   |          |
|---|----------|
| O | 195.0 SF |
| P | 113.5 SF |
| Q | 288.9 SF |
| R | 71.1 SF  |
| S | 126.8 SF |
| T | 79.3 SF  |
| U | 53.6 SF  |
| V | 222.1 SF |
| W | 109.8 SF |

**TOTAL AREA = 1260.1 SF**

**TITLE**  
AREA PLAN

**CLIENT NAME**  
KUNAL CHAWLA & PRANALI GITE

**DESIGN & MANAGED BY:**  
DREAM FORGE LLC  
37173 ILLA CT, FREMONT CA 94536  
CA, USA, 94536

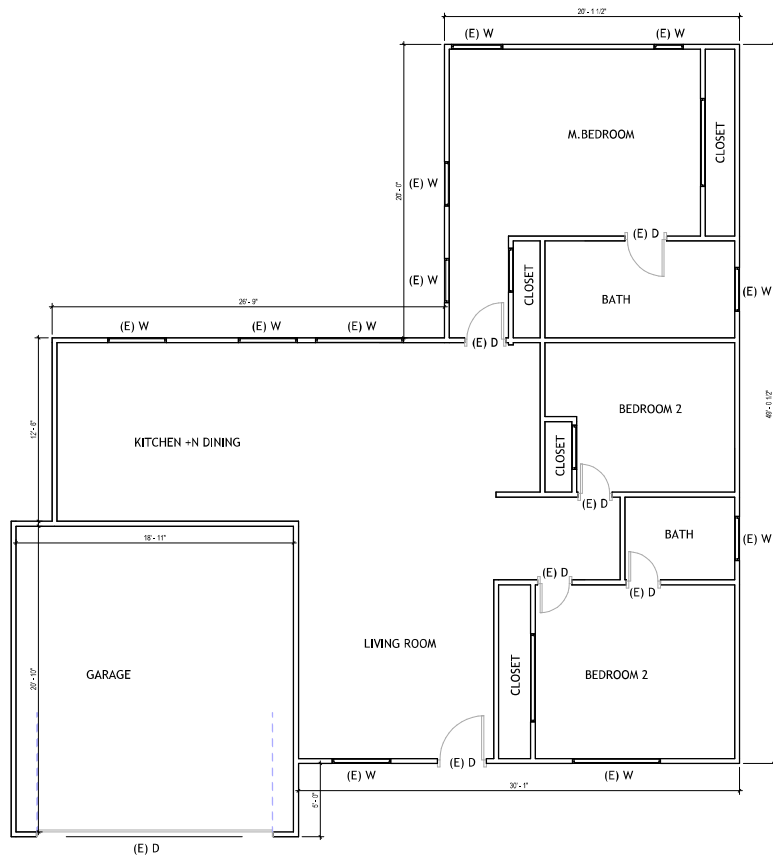
**PROJECT MANAGER**  
NAME: GAURAV SONONE  
37173 ILLA CT, FREMONT CA 94536  
PHONE: +1(510) 746-7445  
EMAIL: dreamforge.gs@gmail.com



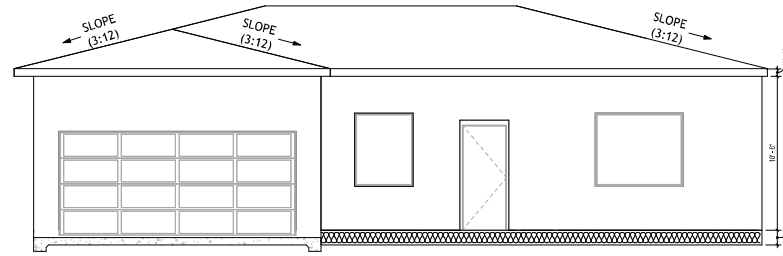
**PROJECT TYPE**  
REMODEL & ADDITION

**PROJECT NAME AND ADDRESS**  
2255 BOHANNAN, SANTA CLARA,  
CA, USA

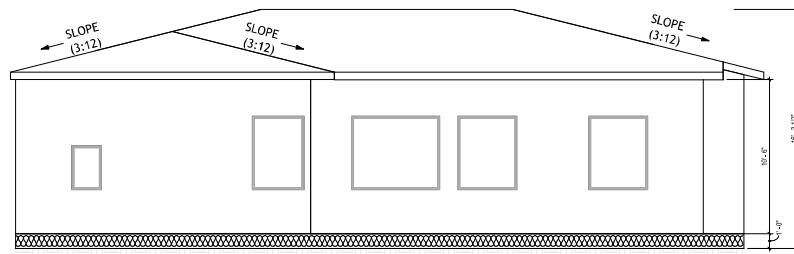
**DRAWING NUMBER**  
A1.B



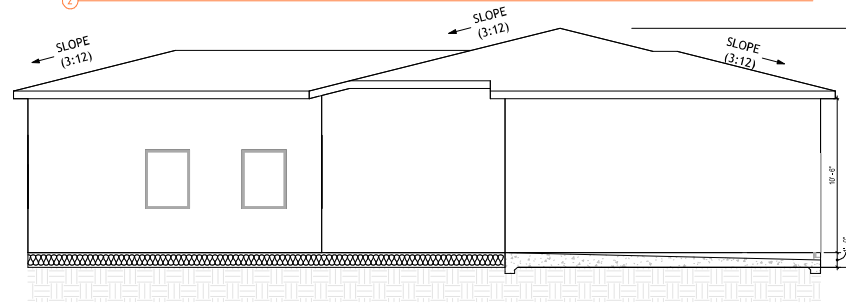
1 EXISTING FLOOR PLAN SCALE : 1/4" = 1'-0"



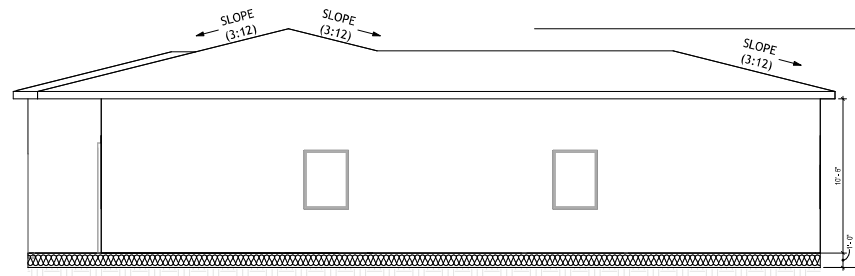
1 EXISTING FRONT ELEVATION (NORTH WEST) SCALE : 1/4" = 1'-0"



2 EXISTING REAR ELEVATION (SOUTH EAST) SCALE : 1/4" = 1'-0"



3 EXISTING RIGHT SIDE ELEVATION (NORTH EAST) SCALE : 1/4" = 1'-0"



4 EXISTING LEFT SIDE ELEVATION (SOUTH WEST) SCALE : 1/4" = 1'-0"

LOT NORTH DIRECTION



TITLE  
EXISTING FLOOR PLAN & ELEVATION

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94538  
CA, USA, 94538

PROJECT MANAGER  
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EMAIL: dreamforge.g@gmail.com



PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A2.0

LOT NORTH DIRECTION



TITLE

DEMOLITION PLAN

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

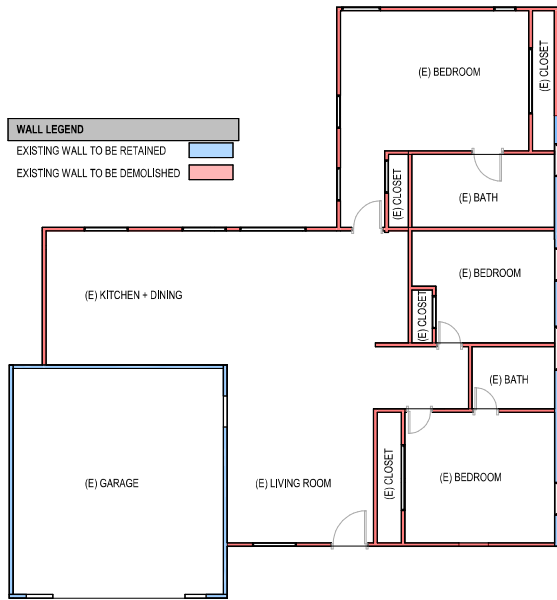
PROJECT MANAGER  
NAME: GAURAV SONONE  
37173 JLA CT, FREMONT CA 94536  
PHONE: +1(510)574-7445  
EMAIL: dreamforge.g@gmail.com



PROJECT TYPE

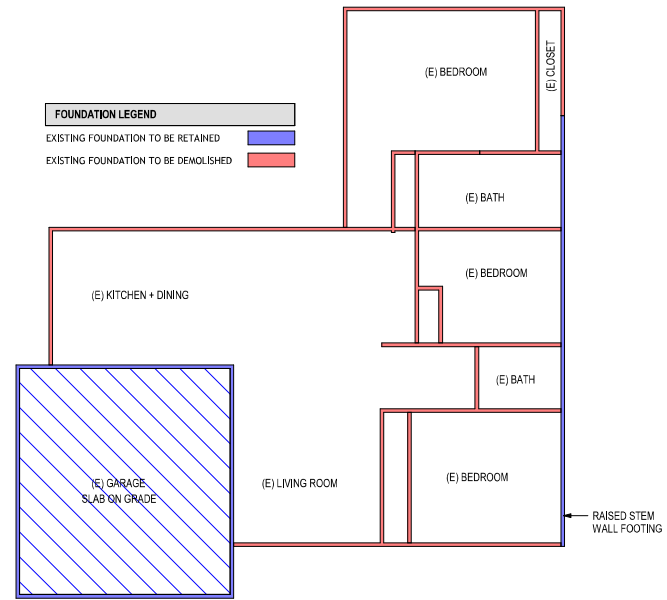
PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A2.1



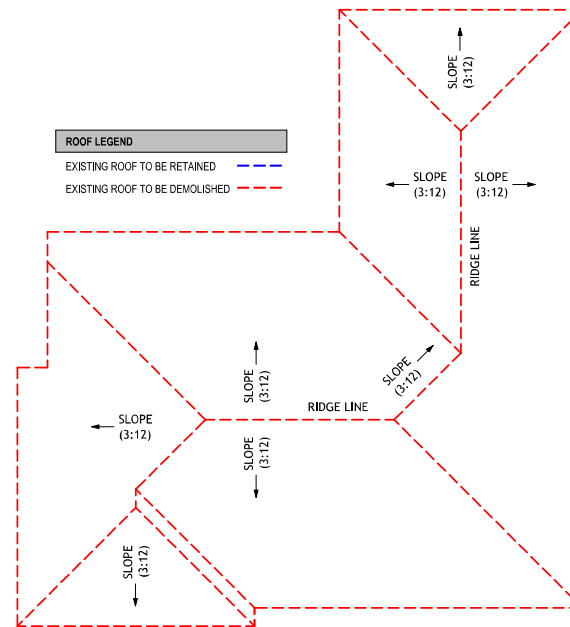
A EXISTING WALL DEMOLITION PLAN

SCALE : 3/16" = 1'-0"



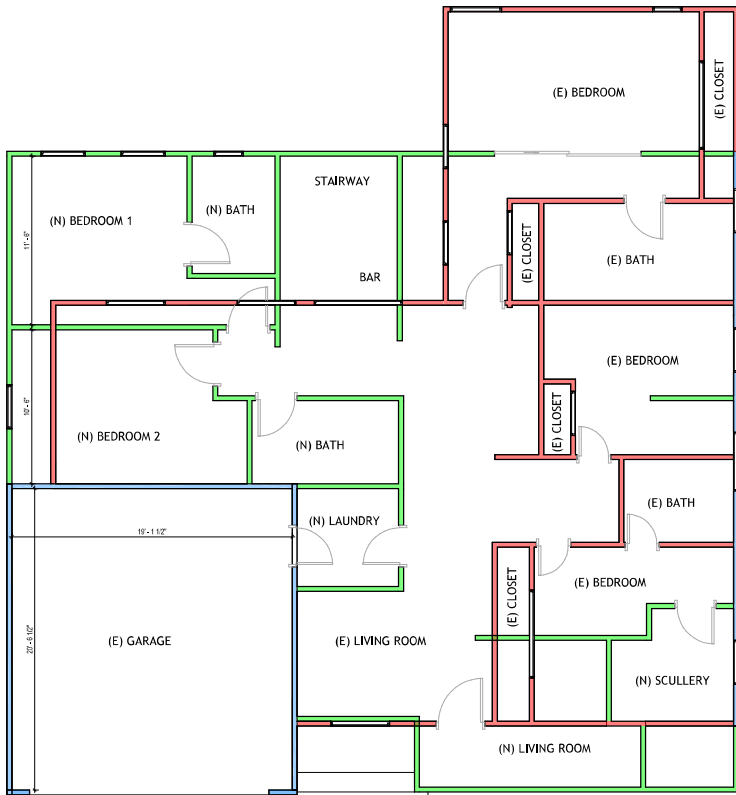
B FOUNDATION DEMOLITION PLAN

SCALE : 3/16" = 1'-0"



C ROOF DEMOLITION PLAN

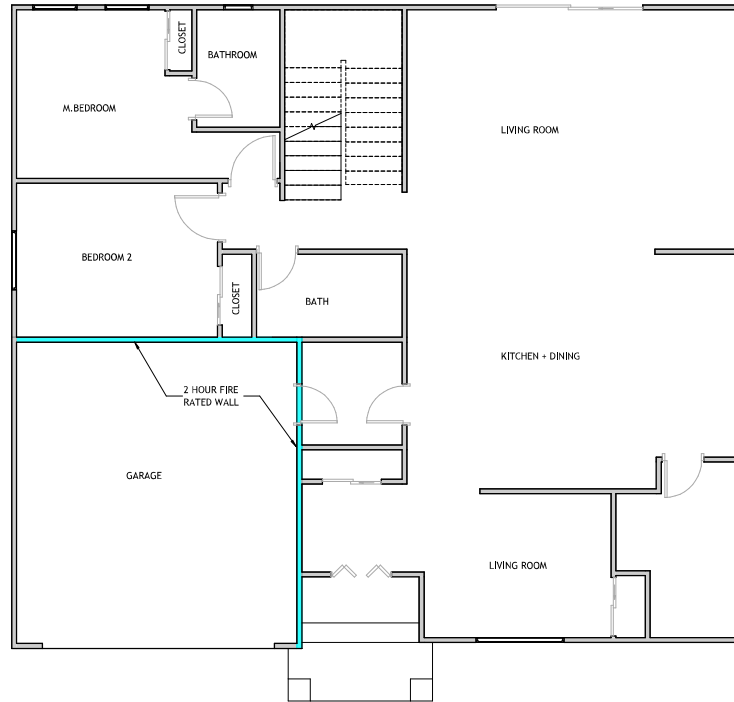
SCALE : 3/16" = 1'-0"



A EXISTING FLOOR PLAN VS PROPOSED FLOOR PLAN

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

| WALL LEGEND                    |  |
|--------------------------------|--|
| EXISTING WALL TO BE RETAINED   |  |
| EXISTING WALL TO BE DEMOLISHED |  |
| PROPOSED WALL                  |  |



B PROPOSED FIRST FLOOR PLAN

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



C PROPOSED SECOND FLOOR PLAN

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

LOT NORTH DIRECTION



TITLE

EXISTING FLOOR PLAN VS PROPOSED FLOOR PLAN

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

PROJECT MANAGER  
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PHONE: +1(510)5744-7445  
EMAIL: dreamforge.g@gmail.com



PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A2.2

LOT NORTH DIRECTION



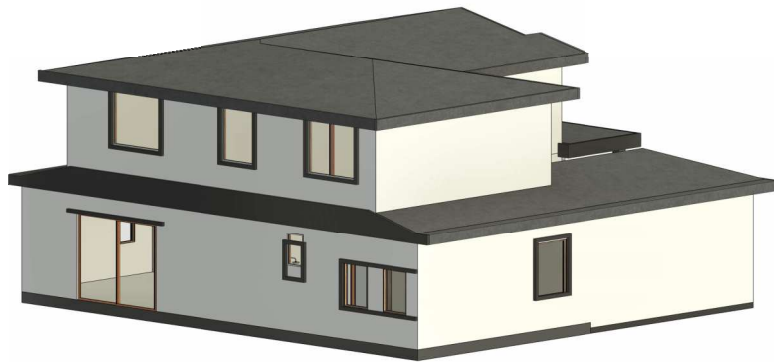
A PROPOSED 3D FRONT SIDE VIEW

SCALE : 3/16" = 1'-0"



B PROPOSED 3D RIGHT SIDE VIEW

SCALE : 3/16" = 1'-0"



C PROPOSED 3D REAR SIDE VIEW

SCALE : 3/16" = 1'-0"



D PROPOSED 3D LEFT SIDE VIEW

SCALE : 3/16" = 1'-0"

TITLE

RENDER

CLIENT NAME

KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:

DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

PROJECT MANAGER

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PHONE: +1(510)744-7445  
EMAIL: dreamforge.gi@gmail.com



PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A2.3

LOT NORTH DIRECTION



TITLE  
COLOR AND MATERIAL

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

PROJECT MANAGER  
NAME: GAURAV SONONE  
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PHONE: +1(510)744-7445  
EMAIL: dreamforge.g@gmail.com



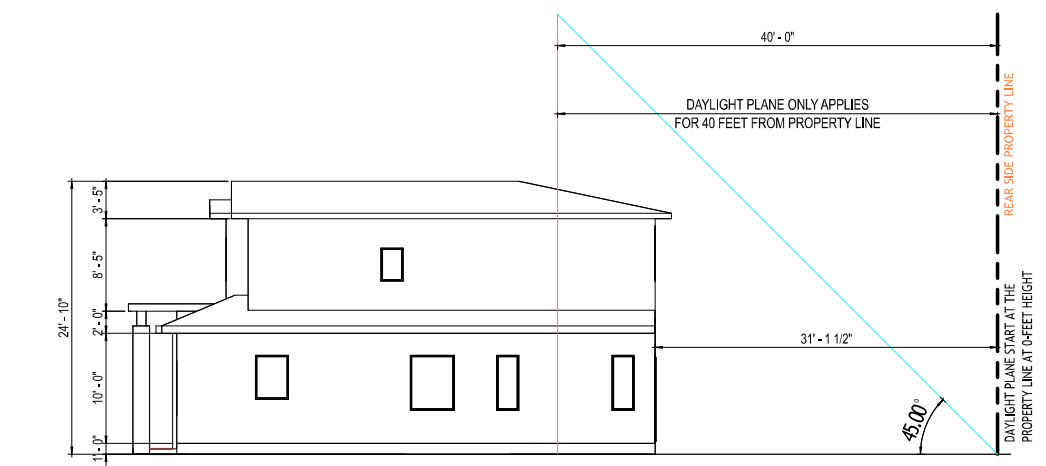
PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A2.3A



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



REAR SIDE PROPERTY LINE DAYLIGHT PLANE SCALE : 3/16" = 1'-0"

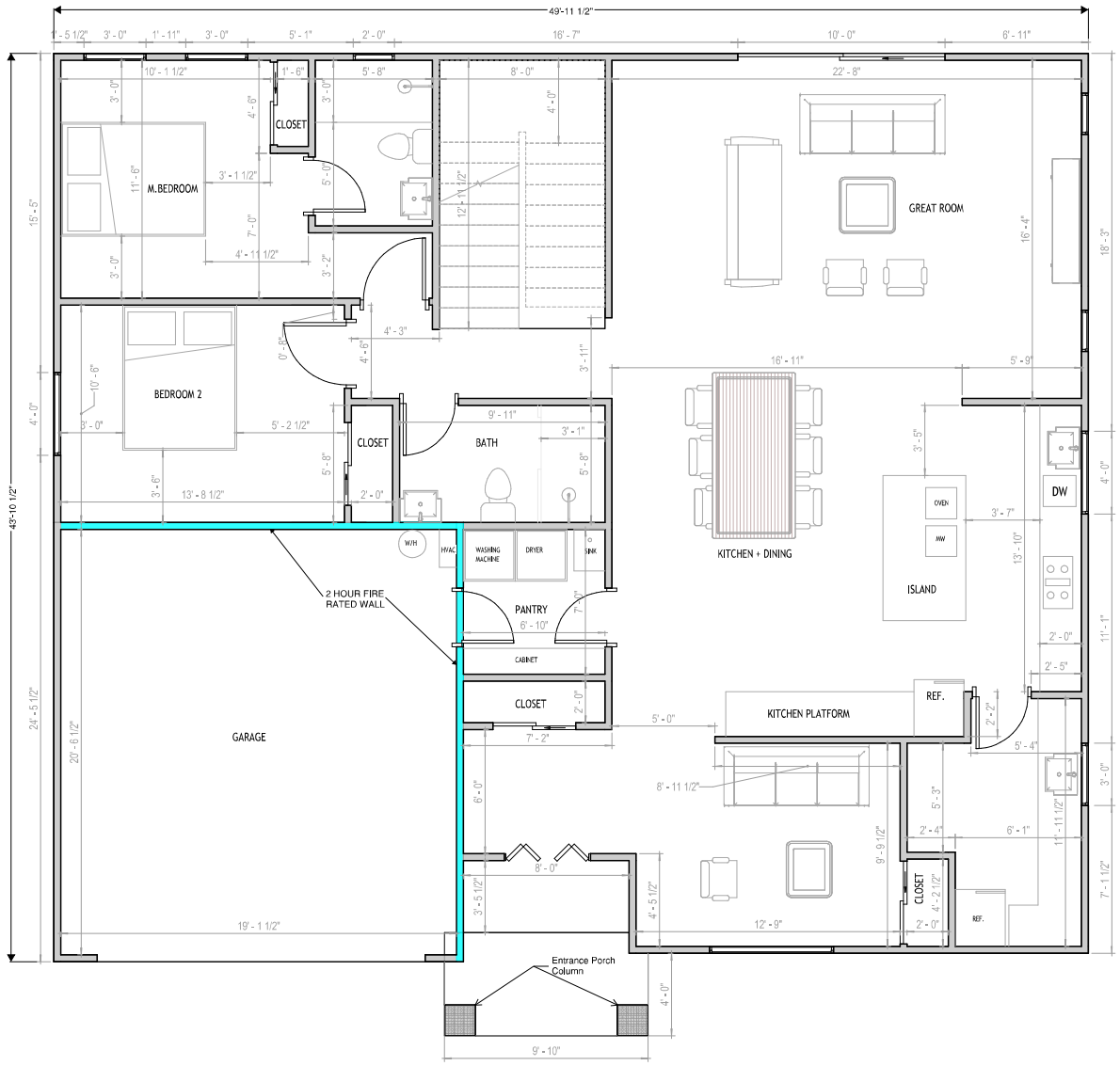


LEFT AND RIGHT SIDE PROPERTY LINE DAYLIGHT PLANE SCALE : 1/4" = 1'-0"

LOT NORTH DIRECTION



|   |  |
|---|--|
| TITLE   |  |
| DAYLIGHT PLANE  |  |
| CLIENT NAME   |  |
| KUNAL CHAWLA & PRANALI GITE   |  |
| DESIGN & MANAGED BY:  |  |
| DREAM FORGE LLC<br>37173 JILA CT, FREMONT CA 94536<br>CA, USA, 94536  |  |
| PROJECT MANAGER   |  |
| NAME: GAURAV SONONE<br>37173 JILA CT, FREMONT CA 94536<br>PHONE: +1(510) 744-7445<br>EMAIL: dreamforge.gs@gmail.com |  |
|   |  |
| PROJECT TYPE  |  |
| REMODEL & ADDITION  |  |
| PROJECT NAME AND ADDRESS  |  |
| 2250 BOHANNAN, SANTA CLARA,<br>CA, USA  |  |
| DRAWING NUMBER  |  |
| A2.4A   |  |



A PROPOSED FLOOR PLAN

SCALE : 3/8" = 1'-0"

- NOTES:-**
- 1) FOR SMOKE DETECTOR IN THE BEDROOM AND HALLWAY REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 2) FOR DUCT AND PENETRATION AT WALL SEPARATING THE DWELLING AND GARAGE REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 3) FOR WINDOW TEMPERED SAFETY GLASS REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 4) FOR BEDROOM EGRESS REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 5) FOR PLUMBING & WATER CONSERVATION REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 6) FOR HANDRAIL REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 7) FOR LANDING REQUIREMENT NOTES REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 8) FOR SHOWER RELATED NOTES REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 9) FOR GARAGE RELATED NOTES REFER SHEET NUMBER (G1-GENERAL NOTES)

LOT NORTH DIRECTION



**TITLE**  
**PROPOSED FIRST FLOOR PLAN**

**CLIENT NAME**  
 KUNAL CHAWLA & PRANALI GITE

**DESIGN & MANAGED BY:**  
 DREAM FORGE LLC  
 37173 JLA CT, FREMONT CA 94536  
 CA, USA, 94536

**PROJECT MANAGER**  
 NAME: GAURAV SONONE  
 37173 JLA CT, FREMONT CA 94536  
 PHONE: +1(925)744-7445  
 EMAIL: dreamforge.g@gmail.com



**PROJECT TYPE**

**PROJECT NAME AND ADDRESS**  
 2250 BOHANNAN, SANTA CLARA,  
 CA, USA

**DRAWING NUMBER**  
 A2.4



A PROPOSED SECOND FLOOR PLAN

SCALE : 3/8" = 1'-0"

- NOTES:-**
- 1) FOR SMOKE DETECTOR IN THE BEDROOM AND HALLWAY REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 2) FOR DUCT AND PENETRATION AT WALL SEPARATING THE DWELLING AND GARAGE REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 3) FOR WINDOW TEMPERED SAFETY GLASS REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 4) FOR BEDROOM EGRESS REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 5) FOR PLUMBING & WATER CONSERVATION REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 6) FOR HANDRAIL REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 7) FOR LANDING REQUIREMENT NOTES REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 8) FOR SHOWER RELATED NOTES REFER SHEET NUMBER (G1-GENERAL NOTES)
  - 9) FOR GARAGE RELATED NOTES REFER SHEET NUMBER (G1-GENERAL NOTES)

LOT NORTH DIRECTION



**TITLE**  
**PROPOSED SECOND FLOOR**

**CLIENT NAME**  
 KUNAL CHAWLA & PRANALI GITE

**DESIGN & MANAGED BY:**  
 DREAM FORGE LLC  
 37173 JLA CT, FREMONT CA 94536  
 CA, USA, 94536

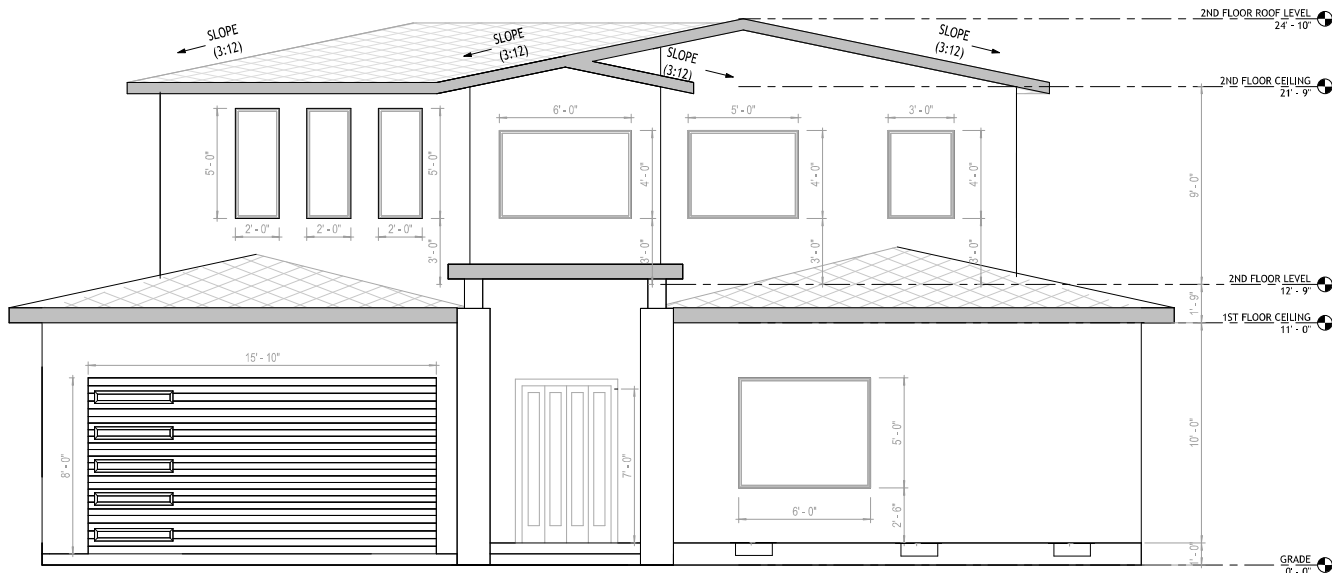
**PROJECT MANAGER**  
 NAME: GAURAV SONONE  
 37173 JLA CT, FREMONT CA 94536  
 PHONE: +1(510)5744-7445  
 EMAIL: dreamforge.g@gmail.com



**PROJECT TYPE**

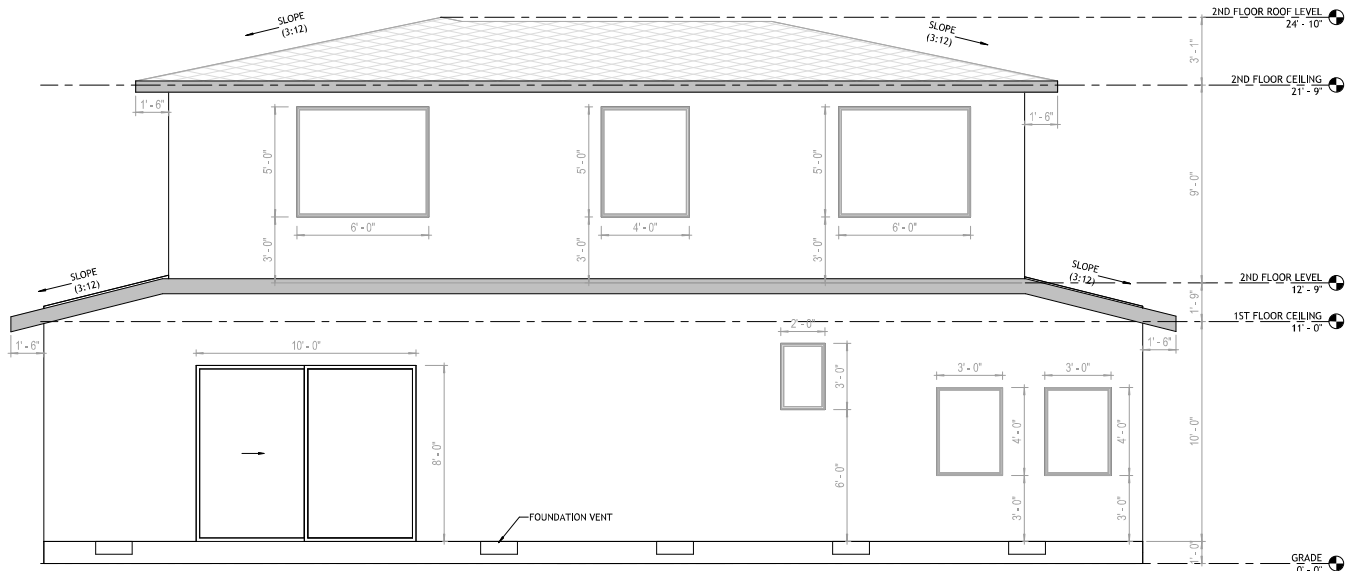
**PROJECT NAME AND ADDRESS**  
 2250 BOHANNAN, SANTA CLARA,  
 CA, USA

**DRAWING NUMBER**  
 A2.5



A PROPOSED FRONT SIDE ELEVATION (NORTH WEST)

SCALE : 3/8" = 1'-0"



B PROPOSED REAR SIDE ELEVATION (SOUTH EAST)

SCALE : 3/8" = 1'-0"

LOT NORTH DIRECTION



TITLE  
EXTERNAL ELEVATION

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

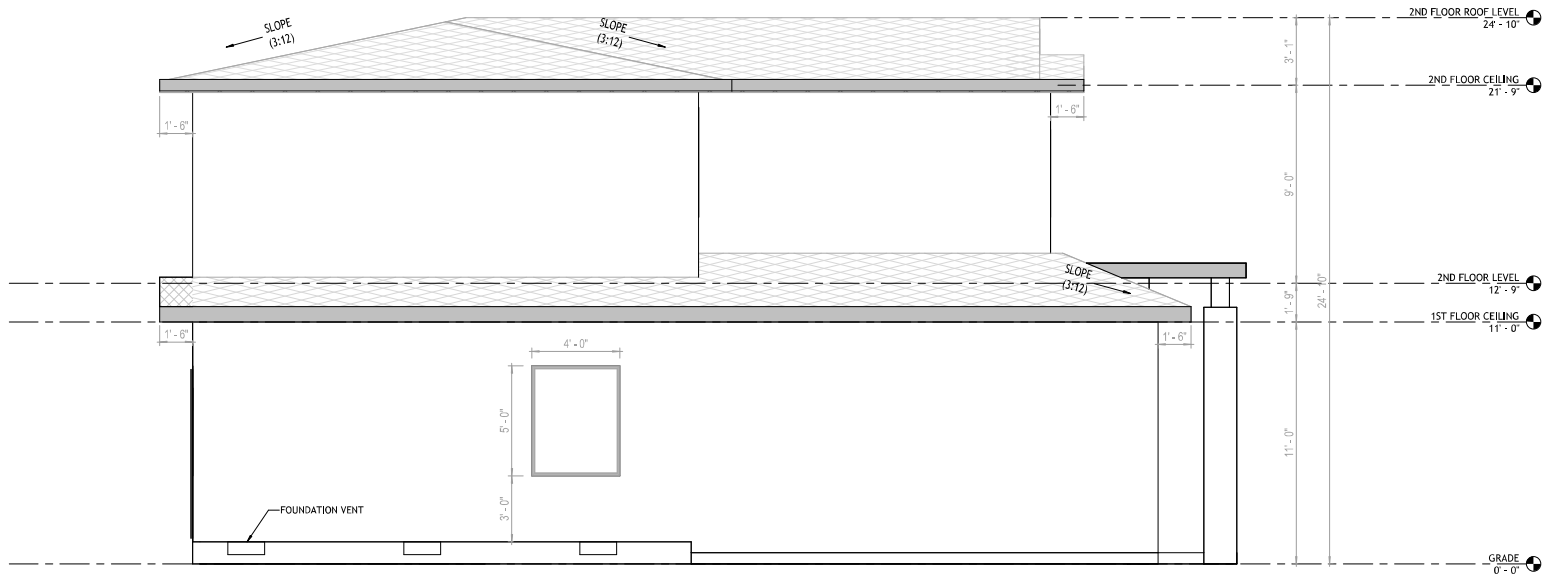
PROJECT MANAGER  
NAME: GAURAV SONONE  
37173 JLA CT, FREMONT CA 94536  
PHONE: +1(510)5744-7445  
EMAIL: dreamforge.g@gmail.com



PROJECT TYPE

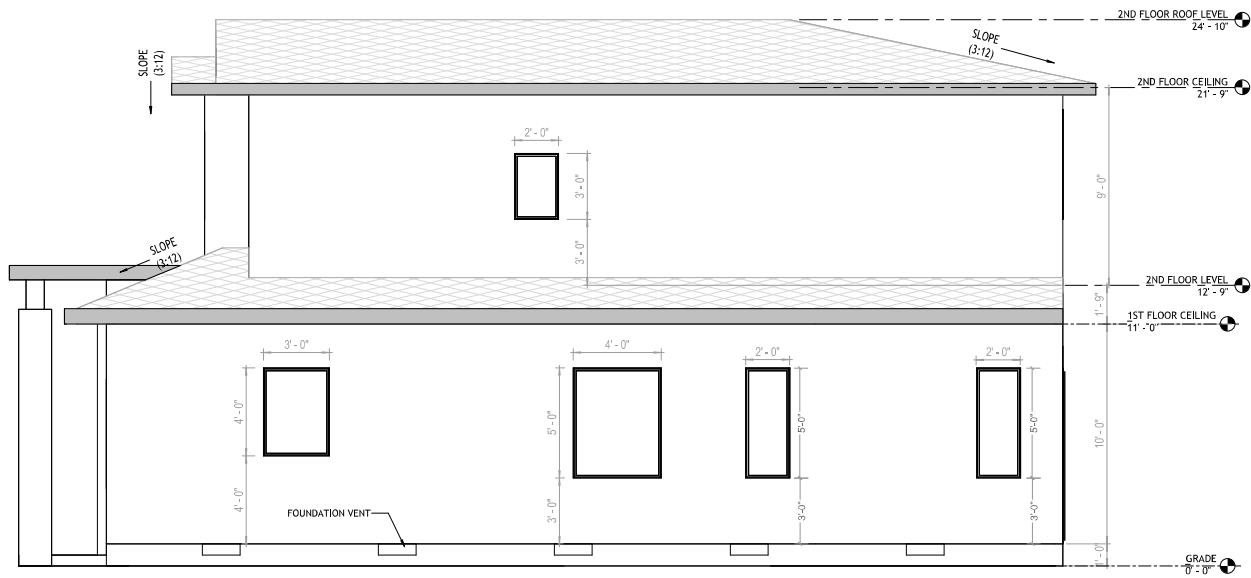
PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A3.0



PROPOSED RIGHT SIDE ELEVATION (NORTH EAST)

SCALE : 3/8" = 1'-0"



PROPOSED LEFT SIDE ELEVATION (SOUTH WEST)

SCALE : 3/8" = 1'-0"

LOT NORTH DIRECTION



TITLE

EXTERNAL ELEVATION

CLIENT NAME

KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:

DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94538  
CA, USA, 94538

PROJECT MANAGER

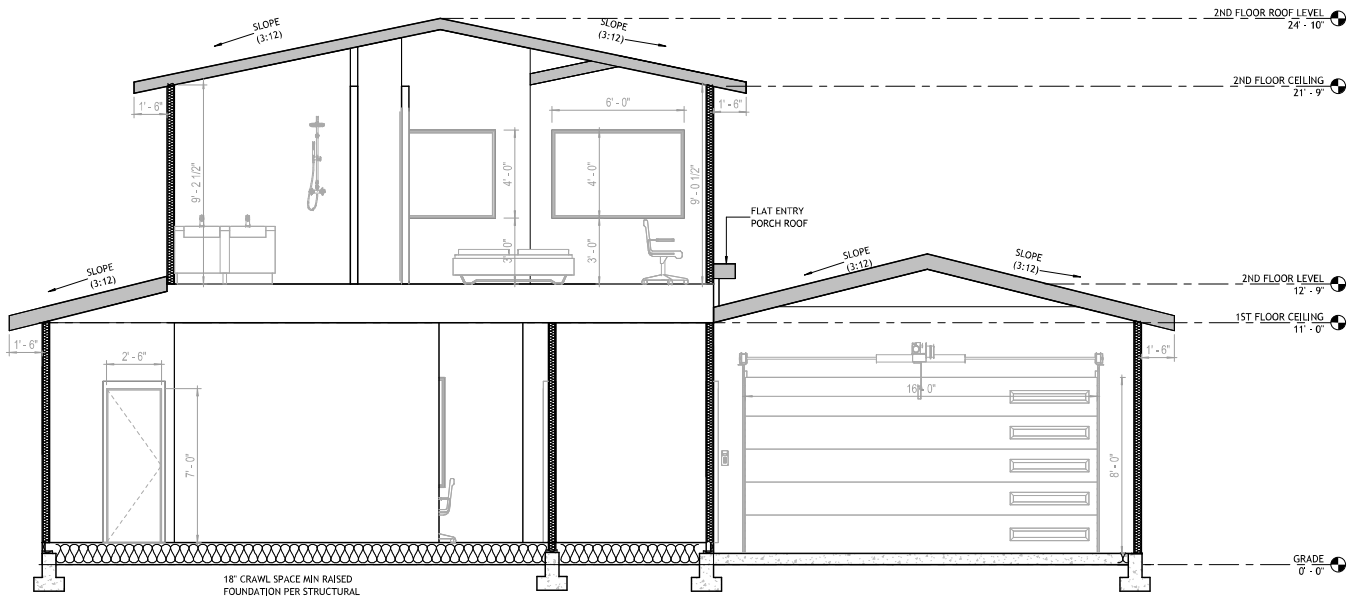
NAME: GAURAV SONONE  
37173 JLA CT, FREMONT CA 94538  
PHONE: +15855744-7445  
EMAIL: dreamforge.g@gmail.com



PROJECT TYPE

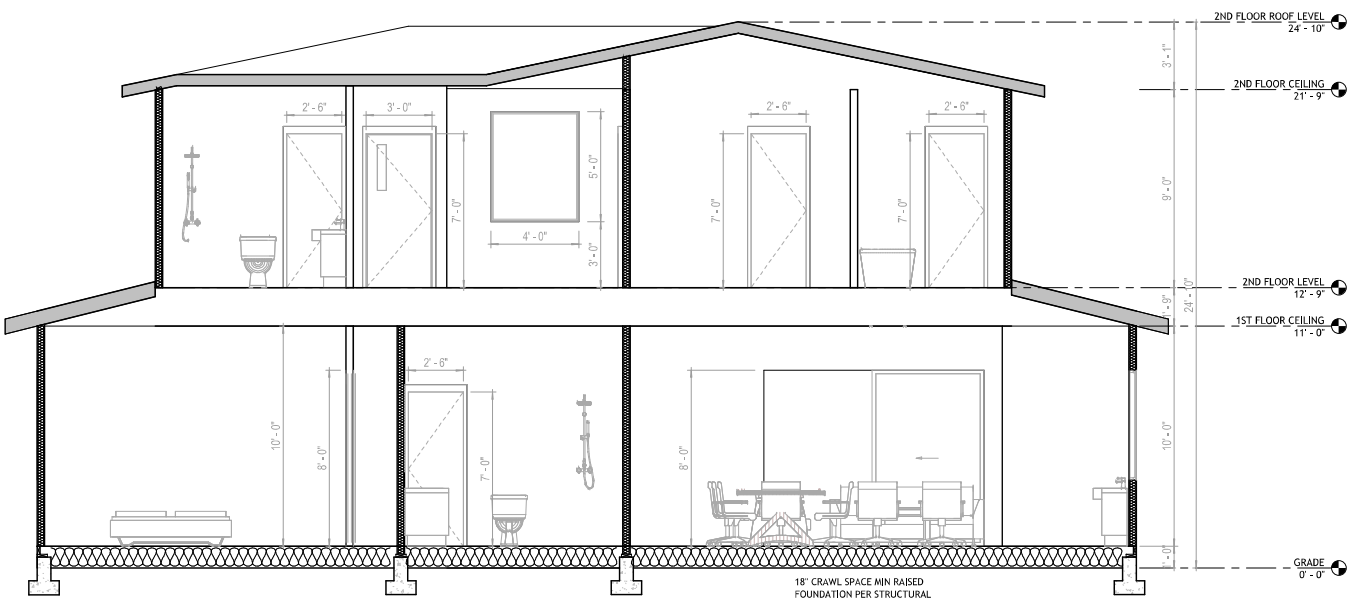
PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A3.1



SECTION A-A

SCALE : 3/8" = 1'-0"



SECTION B-B

SCALE : 3/8" = 1'-0"

LOT NORTH DIRECTION



TITLE  
SECTIONAL ELEVATIONS

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

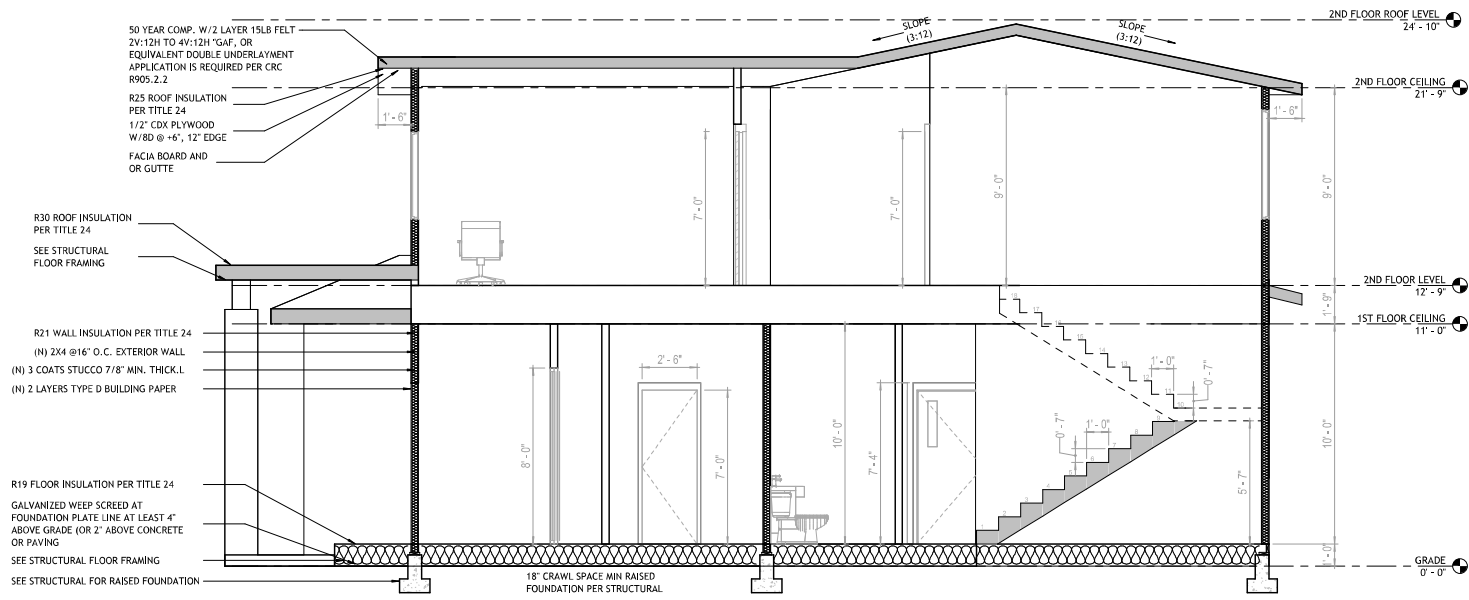
PROJECT MANAGER  
NAME: GAURAV SONONE  
37173 JLA CT, FREMONT CA 94536  
PHONE: +1585744-7445  
EMAIL: dreamforge.g@gmail.com



PROJECT TYPE

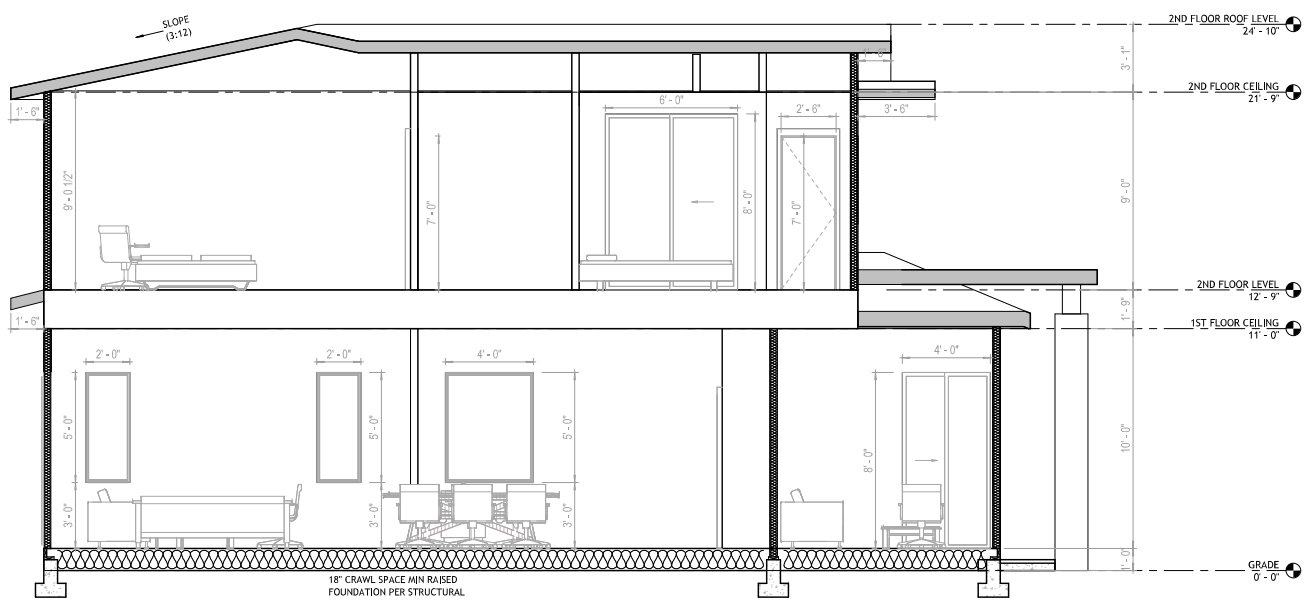
PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A4.0



C SECTION C-C

SCALE: 3/8" = 1'-0"



D SECTION D-D

SCALE: 3/8" = 1'-0"

LOT NORTH DIRECTION



TITLE  
SECTIONAL ELEVATIONS

CLIENT NAME  
KUNAL CHAVLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

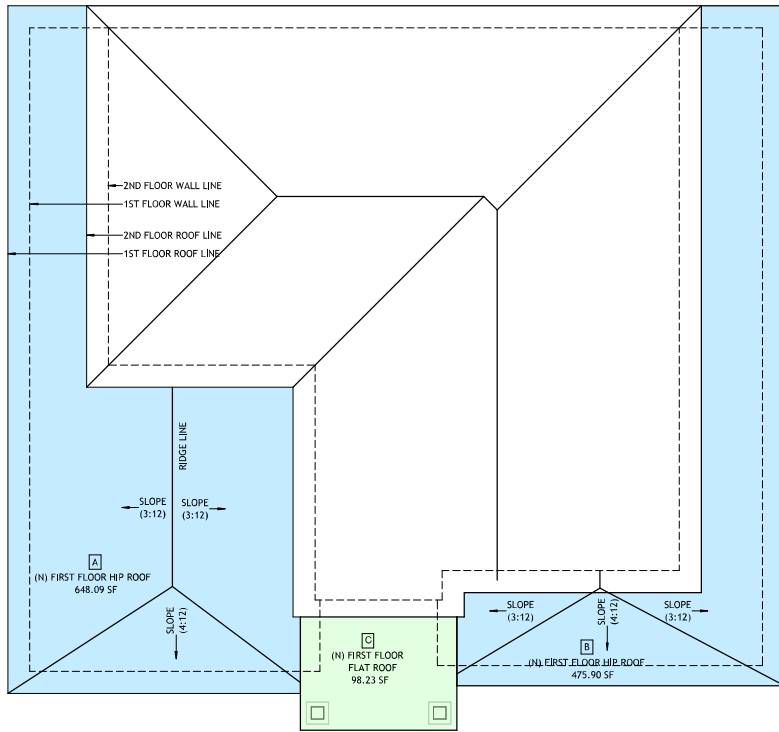
PROJECT MANAGER  
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37173 JLA CT, FREMONT CA 94536  
PHONE: +1(510)5744-7445  
EMAIL: dreamforge.g@gmail.com



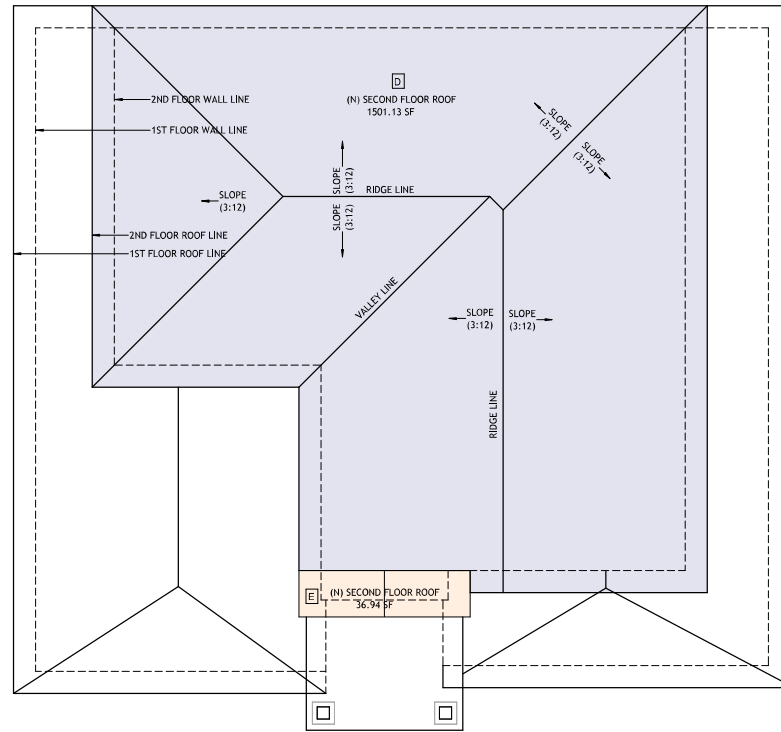
PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A4.1



A PROPOSED FIRST FLOOR ROOF PLAN SCALE: 1/4" = 1'-0"



B PROPOSED SECOND FLOOR ROOF PLAN SCALE: 1/4" = 1'-0"

| NO. | DESCRIPTION               | COLOR | AREA (SF) |
|-----|---------------------------|-------|-----------|
| (A) | (N) FIRST FLOOR HIP ROOF  |       | 648.09 SF |
| (B) | (N) FIRST FLOOR HIP ROOF  |       | 475.90 SF |
| (C) | (N) FIRST FLOOR FLAT ROOF |       | 98.23 SF  |

| NO. | DESCRIPTION                 | COLOR | AREA       |
|-----|-----------------------------|-------|------------|
| (D) | (N) SECOND FLOOR ROOF       |       | 1501.13 SF |
| (E) | (N) SECOND FLOOR GABLE ROOF |       | 36.94 SF   |

| Roof Portion (marked on Plan) | Roof Type  | Attic present below roof (YES/NO) | Roof Portion Area (SQFT) | NFVA required as per IRC      |                       |  | Continuous Soffit Vent @ Eaves (3 INCH WIDE) INCHES | Continuous Soffit Vent @ Eaves (3 INCH WIDE) FT | Smart Vent @ Ridge 3/4" INCH OPENING INCHES | Smart Vent @ Ridge 3/4" INCH OPENING FT |
|-------------------------------|------------|-----------------------------------|--------------------------|-------------------------------|-----------------------|--|---|---|---|---|
|                               |            |                                   |                          | Vent Area Reqd (1/150) (SQFT) | Vent Area Reqd (SQIN) | 50% on each side of roof (Eave & Ridge) (SQIN) |   |   |   |   |
|                               |            |                                   |                          | (SQFT)                        | (SQIN)                | (SQIN)   |   |   |   |   |
| A                             | HIP ROOF   | YES                               | 648                      | 4                             | 622                   | 311  | 103.68  | 9   | 415   | 35                                      |
| B                             | HIP ROOF   | YES                               | 476                      | 3                             | 457                   | 228  | 76.14   | 7   | 305   | 26                                      |
| C                             | FLAT ROOF  | NO                                | 98                       | 1                             | 94                    | 47   | 15.72   | 2   | 63  | 6                                       |
| D                             | GABLE ROOF | YES                               | 1501                     | 10                            | 1441                  | 720  | 240.16  | 21  | 961   | 81                                      |
| E                             | GABLE ROOF | YES                               | 37                       | 0                             | 36                    | 18   | 5.92  | 1   | 24  | 2                                       |

LOT NORTH DIRECTION



TITLE  
FIRST & SECOND FLOOR ROOF

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 LA CT, FREMONT CA 94536  
CA, USA, 94536

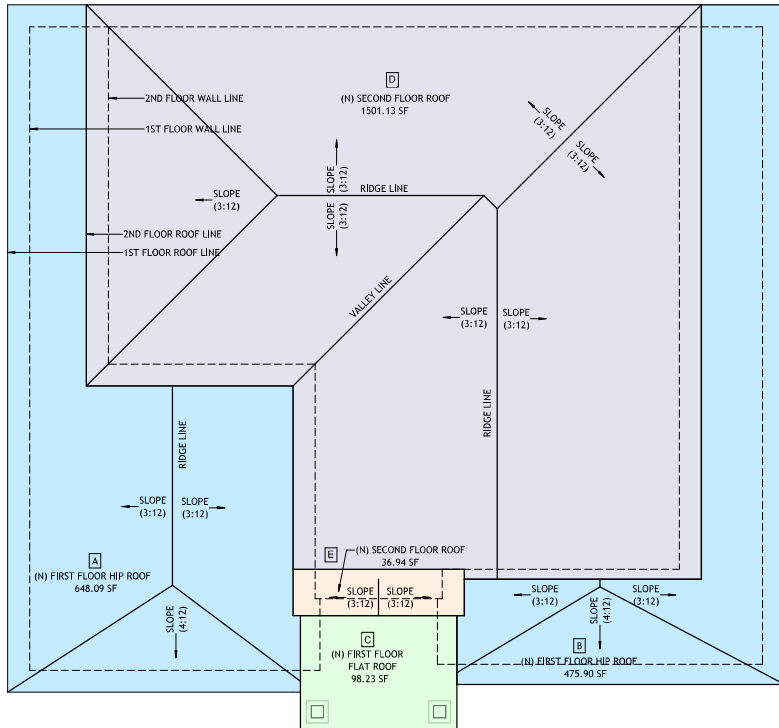
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PHONE: +1(510)5744-7445  
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PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A5.0

LOT NORTH DIRECTION



(A) OVERALL ROOF FLOOR PLAN

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

| NO. | DESCRIPTION               | COLOR | AREA (SF) |
|-----|---------------------------|-------|-----------|
| (A) | (N) FIRST FLOOR HIP ROOF  |       | 648.09 SF |
| (B) | (N) FIRST FLOOR HIP ROOF  |       | 475.90 SF |
| (C) | (N) FIRST FLOOR FLAT ROOF |       | 98.23 SF  |

| NO. | DESCRIPTION                 | COLOR | AREA       |
|-----|-----------------------------|-------|------------|
| (D) | (N) SECOND FLOOR ROOF       |       | 1501.13 SF |
| (E) | (N) SECOND FLOOR GABLE ROOF |       | 36.94 SF   |

TITLE

OVERALL ROOF PLAN

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 JLA CT, FREMONT CA 94536  
CA, USA, 94536

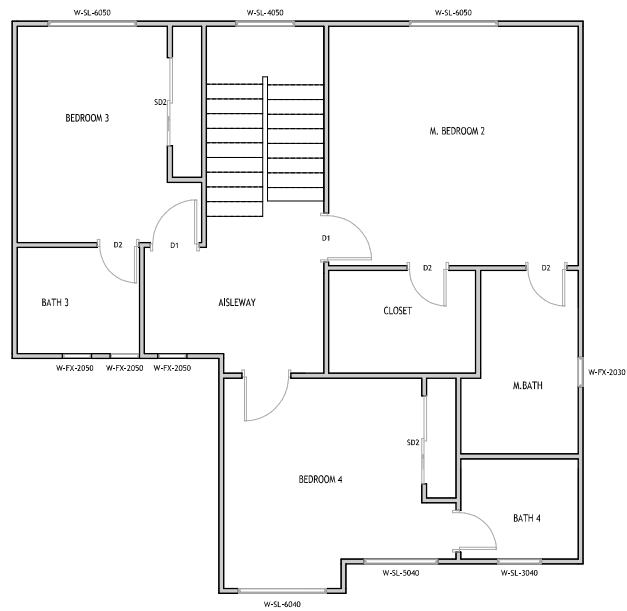
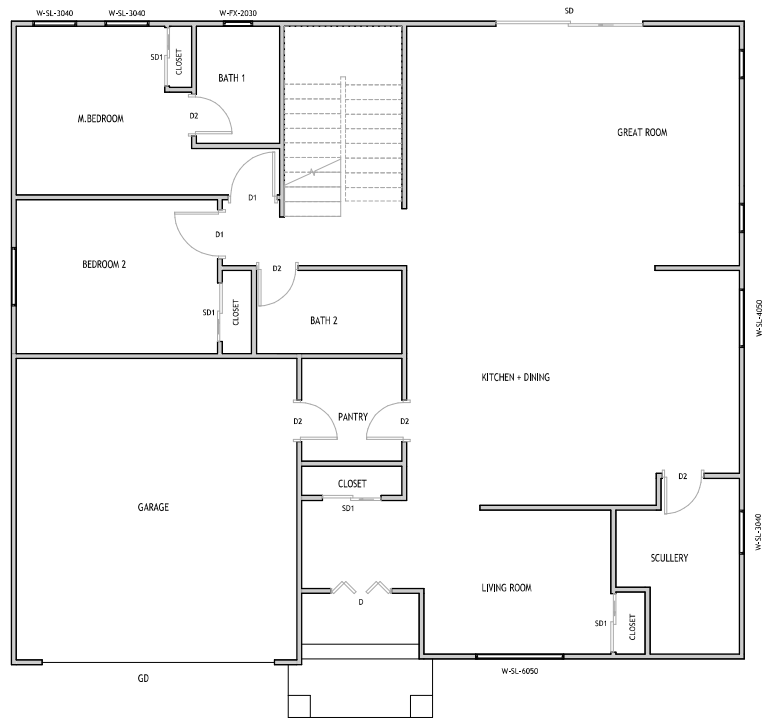
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PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

DRAWING NUMBER  
A5,1



A PROPOSED FIRST FLOOR PLAN DOOR & WINDOW PLAN

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

A PROPOSED SECOND FLOOR DOOR & WINDOW PLAN

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

LOT NORTH DIRECTION



TITLE

WINDOWS & DOOR SCHEDULE PLAN

CLIENT NAME  
KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:  
DREAM FORGE LLC  
37173 I.A. CT, FREMONT CA 94538  
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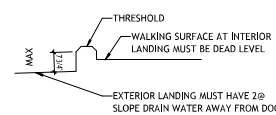
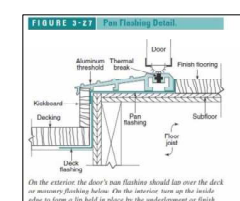
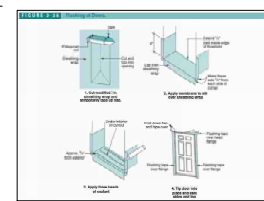
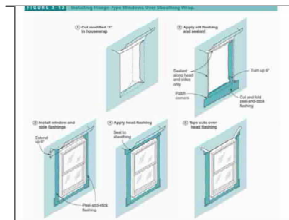
PROJECT TYPE

PROJECT NAME AND ADDRESS  
2250 BOHANNAN, SANTA CLARA,  
CA, USA

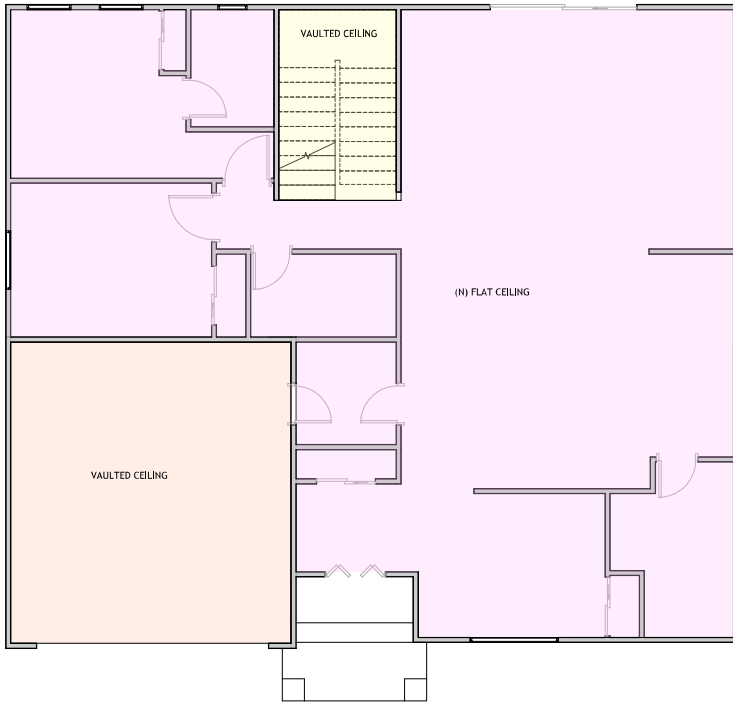
DRAWING NUMBER  
A6.0

| DOOR SCHEDULE      |             |        |        |                 |       |
|--------------------|-------------|--------|--------|-----------------|-------|
| MARK               | LOCATION    | WIDTH  | HEIGHT | LEVEL           | COUNT |
| GD                 | GARAGE      | 16'-0" | 8'-0"  | FF LEVEL        | 1     |
| D1                 | LIVING ROOM | 4'-0"  | 8'-0"  | FF LEVEL        | 1     |
| D1                 | BEDROOM 2   | 3'-0"  | 7'-0"  | FF LEVEL        | 1     |
| D1                 | M.BEDROOM   | 3'-0"  | 7'-0"  | FF LEVEL        | 1     |
| D2                 | BATH 1      | 2'-6"  | 7'-0"  | FF LEVEL        | 1     |
| D2                 | BATH 1      | 2'-6"  | 7'-0"  | FF LEVEL        | 1     |
| D2                 | PANTRY      | 2'-6"  | 7'-0"  | FF LEVEL        | 1     |
| D2                 | PANTRY      | 2'-6"  | 7'-0"  | FF LEVEL        | 1     |
| D2                 | SCULLERY    | 2'-6"  | 7'-0"  | FF LEVEL        | 1     |
| SD1                | GREAT ROOM  | 10'-0" | 8'-0"  | FF LEVEL        | 1     |
| SD1                | CLOSET      | 4'-0"  | 8'-0"  | FF LEVEL        | 1     |
| SD1                | CLOSET      | 4'-0"  | 8'-0"  | FF LEVEL        | 1     |
| SD1                | CLOSET      | 4'-0"  | 8'-0"  | FF LEVEL        | 1     |
| FF LEVEL: 13       | BEDROOM 3   | 3'-0"  | 7'-0"  | 2ND FLOOR LEVEL | 1     |
| D1                 | BEDROOM 4   | 3'-0"  | 7'-0"  | 2ND FLOOR LEVEL | 1     |
| D1                 | M.BEDROOM 2 | 3'-0"  | 7'-0"  | 2ND FLOOR LEVEL | 1     |
| D2                 | BATH 3      | 2'-6"  | 7'-0"  | 2ND FLOOR LEVEL | 1     |
| D2                 | BATH 4      | 2'-6"  | 7'-0"  | 2ND FLOOR LEVEL | 1     |
| D2                 | CLOSET      | 2'-6"  | 7'-0"  | 2ND FLOOR LEVEL | 1     |
| D2                 | M.BATH      | 2'-6"  | 7'-0"  | 2ND FLOOR LEVEL | 1     |
| SD2                | CLOSET      | 6'-0"  | 8'-0"  | 2ND FLOOR LEVEL | 1     |
| SD2                | CLOSET      | 6'-0"  | 8'-0"  | 2ND FLOOR LEVEL | 1     |
| 2ND FLOOR LEVEL: 9 |             |        |        |                 |       |

| WINDOW SCHEDULE     |             |                 |       |        |             |             |       |
|---------------------|-------------|-----------------|-------|--------|-------------|-------------|-------|
| TYPE MARK           | LOCATION    | LEVEL           | WIDTH | HEIGHT | SILL HEIGHT | HEAD HEIGHT | COUNT |
| W-FX-2030           | BATH 1      | FF LEVEL        | 2'-0" | 3'-0"  | 6'-0"       | 9'-0"       | 1     |
| W-FX-2050           | GREAT ROOM  | FF LEVEL        | 2'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 2     |
| W-SL-3040           | M.BEDROOM   | FF LEVEL        | 3'-0" | 4'-0"  | 3'-0"       | 7'-0"       | 2     |
| W-SL-3040           | SCULLERY    | FF LEVEL        | 3'-0" | 4'-0"  | 4'-0"       | 8'-0"       | 1     |
| W-SL-4050           | BEDROOM 2   | FF LEVEL        | 4'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 1     |
| W-SL-4050           | NTCHEN      | FF LEVEL        | 4'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 1     |
| W-SL-4050           | LIVING ROOM | FF LEVEL        | 6'-0" | 5'-0"  | 2'-6"       | 7'-6"       | 1     |
| FF LEVEL: 9         | M.BATH      | 2ND FLOOR LEVEL | 2'-0" | 3'-0"  | 3'-0"       | 6'-0"       | 1     |
| W-FX-2050           | AISEWAY     | 2ND FLOOR LEVEL | 2'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 1     |
| W-FX-2050           | BATH 3      | 2ND FLOOR LEVEL | 2'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 2     |
| W-SL-3040           | BATH 4      | 2ND FLOOR LEVEL | 3'-0" | 4'-0"  | 3'-0"       | 7'-0"       | 1     |
| W-SL-4050           | STAIRCASE   | 2ND FLOOR LEVEL | 4'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 1     |
| W-SL-5040           | BEDROOM 4   | 2ND FLOOR LEVEL | 5'-0" | 4'-0"  | 3'-0"       | 7'-0"       | 1     |
| W-SL-6040           | BEDROOM 4   | 2ND FLOOR LEVEL | 6'-0" | 4'-0"  | 3'-0"       | 7'-0"       | 1     |
| W-SL-4050           | BEDROOM 3   | 2ND FLOOR LEVEL | 6'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 1     |
| W-SL-6050           | M.BEDROOM 2 | 2ND FLOOR LEVEL | 6'-0" | 5'-0"  | 3'-0"       | 8'-0"       | 1     |
| 2ND FLOOR LEVEL: 10 |             |                 |       |        |             |             |       |

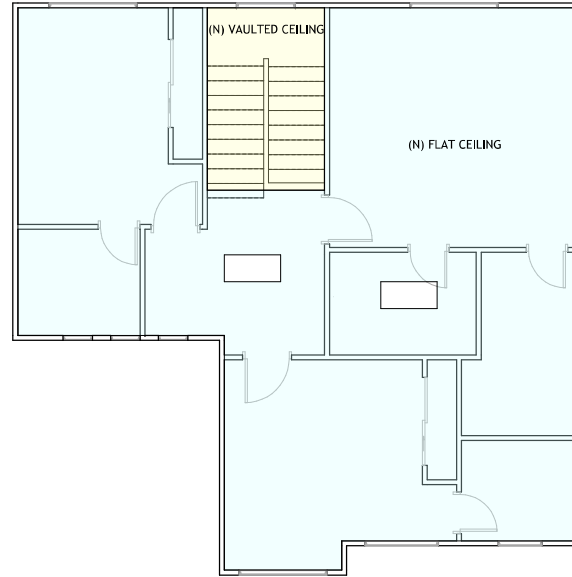


LANDING FOR DOORS SHALL BE LOCATED NO GREATER THAN 4.475' BELOW DOOR'S THRESHOLD FOR DOORS AND 1.5' AT OUT SWINGING DOORS



1 FIRST FLOOR CEILING PLAN

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



2 SECOND FLOOR CEILING PLAN

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

| CEILING LEGEND                  |                 |
|---------------------------------|-----------------|
| (N) FIRST FLOOR FLAT CEILING    | HEIGHT - 10'-0" |
| (N) FIRST FLOOR VAULTED CEILING |                 |
| (N) SECOND FLOOR CEILING        | HEIGHT 9'-0"    |
| (N) STAIRCASE VAULTED CEILING   |                 |

LOT NORTH DIRECTION



TITLE

CEILING PLAN

CLIENT NAME

KUNAL CHAWLA & PRANALI GITE

DESIGN & MANAGED BY:

DREAM FORGE LLC  
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PROJECT TYPE

PROJECT NAME AND ADDRESS  
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DRAWING NUMBER  
A7.0