NEW SINGLE FAMILY DWELLING

16391 AZTEC RIDGE DRIVE, SANTA CLARA, CA, 95030 A.P.N. 532-26-098 PARCEL 2

> 78'-9 1/2" 42.97 sq ft 2,809.44 sq ft 74.38 sa ft 2ND FLOOR 2 ND FL AREA: AREA CALCULATIONS 2.927.00 1/8"-1'0"

A1 PROJECT DATA, AREA CALCULATIONS A2 PLOT PLAN A3 GARAGE FLOOR PLAN A4 FIRST FLOOR PLAN A5 SECOND FLOOR PLAN A7 PROPOSED EAST ELEVATION A8 PROPOSED SOUTH ELEVATION A9 PROPOSED NORTH ELEVATION A10 PROPOSED WEST ELEVATION A11 SECTION A-A

SURVEY

CO TITLE SHEET C1.1 GRADING AND DRAINAGE PLAN C1.2 GRADING AND DRAINAGE PLAN C1.3 EARTHWORK, CUT & FILL AREAS C2 CONSTRUCTION DETAILS

C3.1 COUNTY BMP-1

C3.2 COUNTY BMP-2 C4 EROSION CONTROL PLAN C5 TRAFFIC CONTROL PLAN

MASTER PLANTING PLAN

L2 WILDFIRE DEFENCE PLAN

L3 HYDROZONE PLAN

CALGREEN 1 & 2

SCOPE OF WORK NEW 5,834 SF HOME WITH A 3,517 SF GARAGE. NEW DRIVEWAY NEW SEPTIC SYSTEM

A12 SECTION B-B A13 SECTION C-C A14 SECTION D-D A15 SECTION E-E A16 CALGREEN 1 A17 CALGREEN 2

NOTES - LICEDING FLOODO IN VALUATION ALL PRIMIT'S EXCEPTION OF APPROVED SINCE AND CARROLL AND OFF APPROVED SINCE AND CARROLL A

INCLUDING LOW BATTERY WARNING FEATURE) ALL SMOKE ALARMS TO BE INTERCONNECTED



NOTE: NO TREE TO BE REMOVED AS PART OF THIS



AREA CALCULATIONS

GARAGE

1ST FLOOR

1/8"-1'0"

AREA CALCULATIONS

78'-9 1/2"

25'-1 1/2"

42.97 sq ft

1,182.85 sq ff

1,182.85 sq ff

74.38 sq ft

42.97 sq ft

3,399.48 sq ft

424.02 sq ft

(3)

1 ST FL. AREA:

95'-5 1/2

2.907.00

GENERAL CONTRACTOR FOR THE PROJECT SHALL BE ULTIMATLY RESPONSIBLE FOR INJURING THAT THE FIRSTED PRODUCT COMPLEX WITH JALL REQUILITIONS, LAKE AND CODE REQUIREDITS.

- WINN IMMAINTAINED ROOF TRUSSES ARE INSTALLED, GT TO PROVIDE TRUSSES CALCS SIGNED BY USENCE PROFESSIONAL FOR APPROVING BY CITY OR COUNTY, CALC TO BE REVIEWED AND APPROVED BY SHARMED TO THE PROCESSOR OF THE PROJECT OF

(7)

...

5

5

3-5 1/2"

• 1

(1)

DIAMER OF RECORD FRO TO BE SIMMED TO THE BUILDING OFFICIAL.

- THE OTY/COUNT BUILDING OFFICIAL AND/OF FRE MANSHALL MILL REVER THE SCOPE OF MON AND OFFICIAL PROPERTY OF THE STATE OF MON AND OFFICIAL PROPERTY OF THE STATE OF THE STATE OF THE STATE OFFICIAL PROPERTY OF THE STATE O

16391 AZTEC RIDGE DR, SANTA CLARA COUNTY, CA 95030

PLANS SHALL BE IN COMPLIANCE

CALIFORNIA MECHANICAL CODE, 2019 EDITION CALIFORNIA ELECTRICAL CODE, 2019 EDITION 2019 CALIFORNIA ENERGY CODE 2019 GREEN BUILDING CODE 2019 CALIFORNIA FIRE CODE

MR ALEXANDER LUBIVY

PROJECT DATA OCCUPANCY: CONSTRUCTION TYPE FIRE SPRINKLERS: STORIES: R-3 / U VB YES 2 + GARAGE 532-26-098 APN: FLOOD ZONE: ZONING: NET SITE AREA: R1E-2.5s-d1 65,290 SF (N) GARAGE: (N) 1ST FLOOR: (N) 2ND FLOOR: (N) 1ST FLOOR DECK (N) 1SF FLOOR REAR DECK (N) 2ND FLOOR DECKS 3,517 SF 2,907 SF 2,927 SF 177 SF 523 SF 448 SF

(N) TOTAL CONDITIONED SPACE: 5,834 SF (N) FOOTPRINTIREAR DECK & 1ST FL 4,792SF & ENTRY PORCH 30" ABOVE GRADE) (N) LOT COVERAGE: (N) FAR:

PROJECT FOR ALEX LUBIVY 16391 AZTEC RIDGE DR., LOS GATOS,CA, 95030

REVISIONS

.amatuni@gmail.com 408 4200411 NATALIA AMATUNI

PROJECT NO.

DATE

A 1 OF

SHEET NUMBER

CONTRACTOR'S NOTES:

Ω

CONTRACTOR'S NOTES.

CONTRACTOR SHALL SE FILLY INCREED AND LECKES IN THE STATE WHERE WINK IS TANKIN PLACE. THE CONTRACTOR'S SHALL FOR GODES WAS TO SHAPE AND THE CONTRACTOR'S SHALL FOR GODES WAS THE SHAPE AND THE SHOPPACH OF THE WAS THE CONTRACTOR. SHALL FOR SHAPE AND THE CONTRACTOR AND THE SHAPE AND THE CONTRACTOR AND THE SHAPE AND THE CONTRACTOR. THE COST AND THE SHAPE AND THE CONTRACTOR AND THE SHAPE AND THE CONTRACTOR AND THE SHAPE AND THE CONTRACTOR AND THE SHAPE AND TH

34 sq ft

34 sq ft

— THE CO SMALL ENGINE AND COMPARE THE STRUCTURAL DRAWNESS WITH ADDITIONAL PLANE AND ADDITIONAL DRAWNESS WITH ADDITIONAL DRAWNESS AND ADDITIONAL DRAWNESS AND ADDITIONAL OWN, AND ELECTRICAL DRAWNESS, AS PROVIDED IN PERMIT SET.

CONTRACTOR SMALL MERTY ALL INDUSTRIONS IN FEEL PRINT TO PROMISE CONCRETE ANY DOCKROWNOON.

THE CONTRACTOR IS RESPONSED FOR PROTECTION.

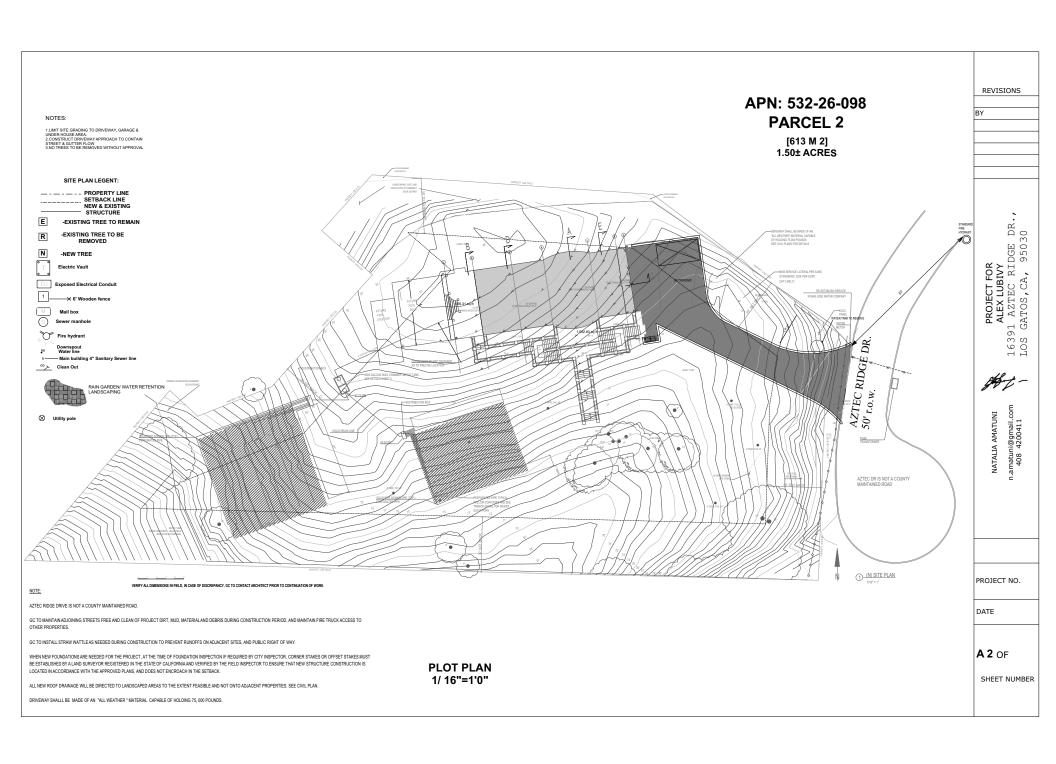
THE CONTRACTOR IS RESPONSED FOR PROTECTION ON THE PROPERTY OF THE PROTECTION OF THE PROPERTY AND THE PROPERTY

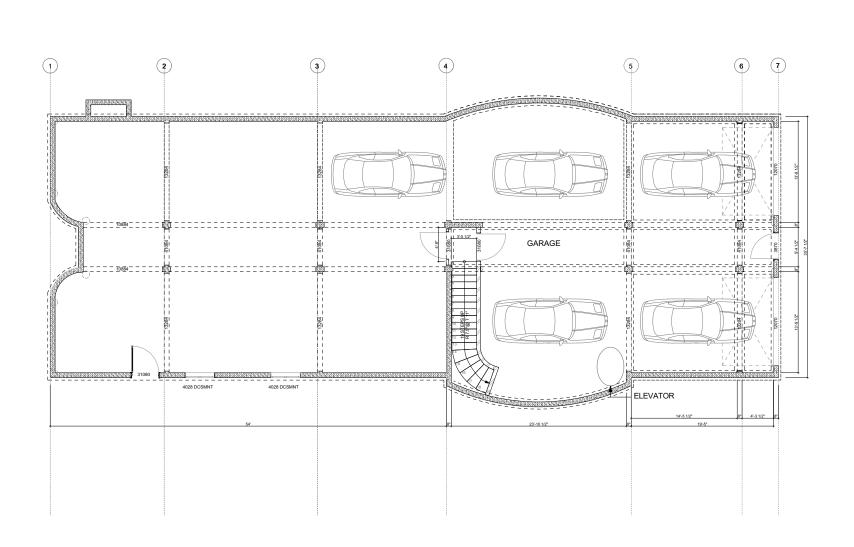
GARAGE AREA:

3.517.00

74.38 sa ft

- WED A CONFLICT EXISTS ON THE FLANE AND
SPECIFICATIONS, CETAL NOTES AND PRANNESS SHALL
ORDERN AND WESTER DIVERSIONS SHALL OCCERN ONE
SALED MEASUREMENTS.
ORDERS SHOWN SHALL STATES SHALL BE SHOWN
ORDERS SHOWN SHALL STATES SHALL BE SHOWN BEFORE
APPLIABLE. SPECIFIC DETAILS ON THE STRUCTURAL
DETAILS SHEEDEN ONES SHOWN BECKERAL DRAWNESS
WESTER SHEEDEN ONES SHOWN BECKERAL DRAWNESS
OF SECREDIC OFFER THOSE SHOWN IN OCIDERAL
OFFER SHEEDENCE OFFER THOSE OFFER THOSE OFFER THOSE OFFER THOSE OFFER THOSE OFFER THOSE OFFE





REVISIONS

PROJECT FOR ALEX LUBIVY 16391 AZTEC RIDGE DR., LOS GATOS,CA, 95030



NATALIA AMATUNI n.amatuni@gmail.com 408 4200411

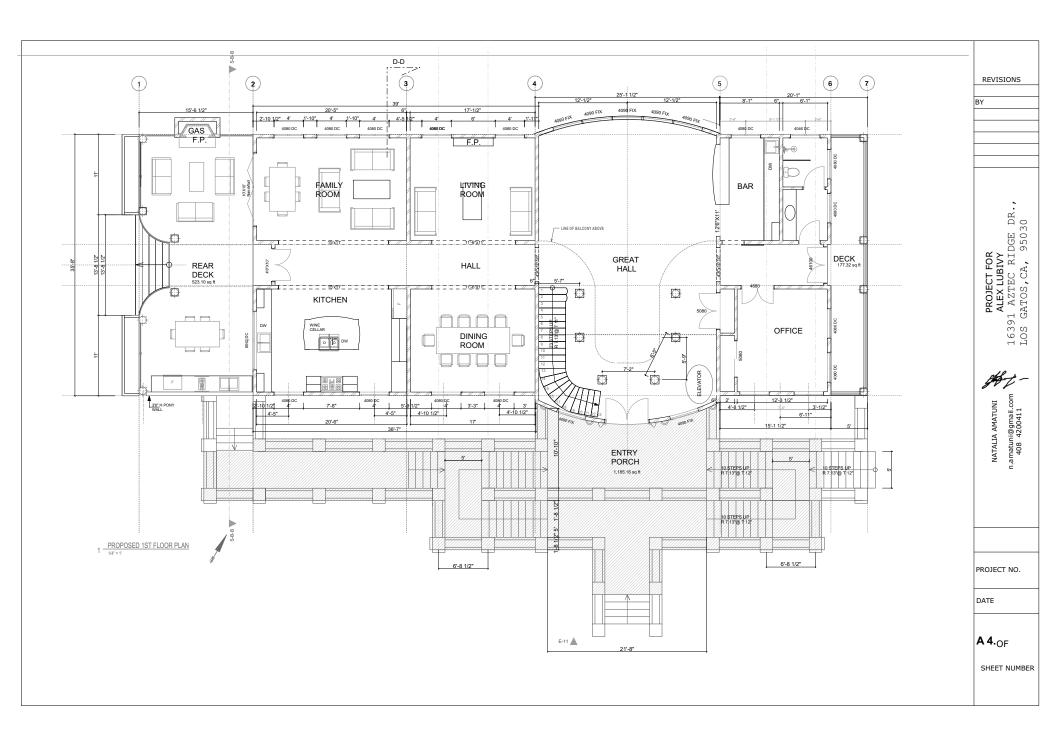
PROJECT NO.

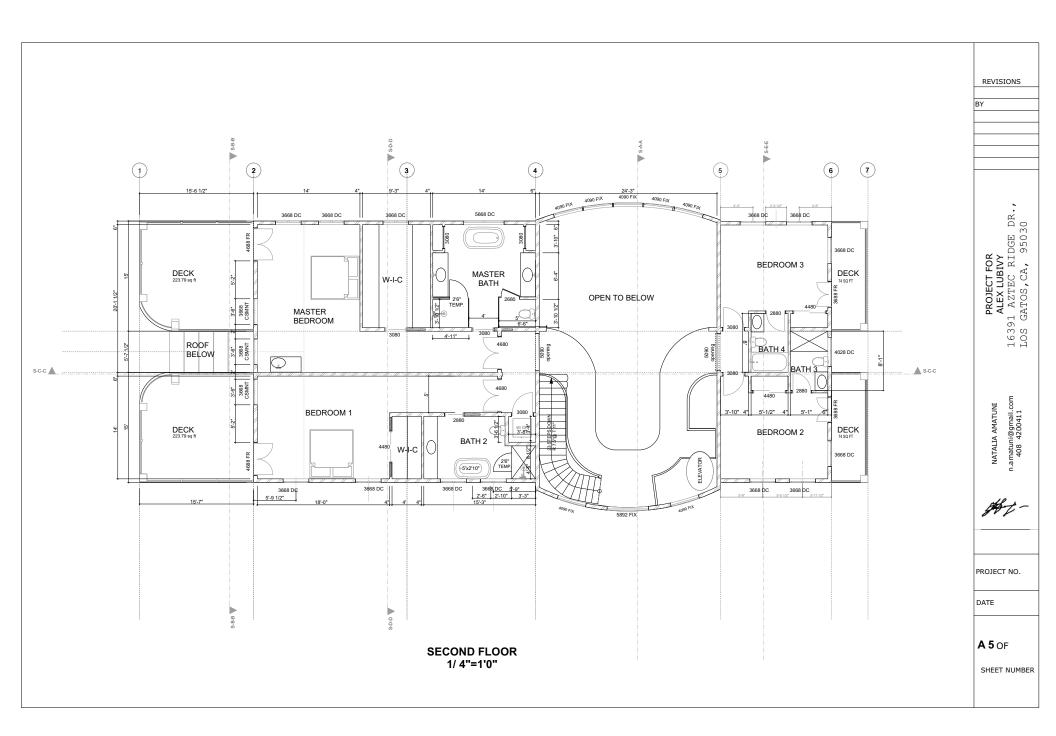
DATE

A 3 OF

SHEET NUMBER

GARAGE FLOOR PLAN 1/4"=1'0"





Under Eave FOR W.U.I.(SFM Standard 12-7A-3) ©Company Name: BARRIER TECHNOLOGY CORP.

Sompany Name: BARRIER TECHNOLOGY CORP.

510 4th Street North, Watkins, MN 55389
Product Description: Blazeguard® sheathing with Pyrotite bonded to %" CDX plywood, 3/8", 15/32", %", 5/8" or %" thickness, panel size 4/x8".

4'x8'.

Company Name: BARRIER TECHNOLOGY CORP.

510 4th Street North, Watkins, MN 55389

Product Description: Biazeguard's whiting with Pyrotite bonded to 7/16" oriented strand board (OSB), 3/8", 15/32", ", 5/8" or "/"

oriented strand board (DSB), 38", 1532", "58" or "/"
thickness, parie lize 4"x".

1000 PRODUCTS
5485 NW Osprey Place, Portland, OR 97229

Product Description: "Bodyguard 8801" tongue and groove, pressure treated pine, minimum 916" thick x 3-14" wide (nominal 58" x 4"),
installed over 12" regular gryssum board.

installed over 1/2" regular gypsum board.
26
Company Name: BODYGUARD WOOD PRODUCTS
5485 NW Osprey Place, Portland, OR 97229

Product Description: "Bodyguard® #802" tongue and groove, pressure treated pine, minimum 3/4" thick x 5-7/16" wide (nominal 1" x 6"), installed

minimum 34" thick x 5-716" wide (nominal 1" x 1"), installed over 12" regular pysaum board.

Company Name: BODYOUARD WOD PRODUCTS

Company Name: BODYOUARD WOD PRODUCTS

Product Description: Bodypased 9" "A Massie" Pattern Number 793, 794 and 795, preservative treated pine, minimum ½" thick x 6" wide (or wide) with the product Description: Resident over 1" regular grapum board.

1090 Ellan Avenue, Fontana, CA 92337

Product Description: "Cem5offfiles" un-vented, fiber-cement soffit, 316" thick and

"Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.

1090 Ellan Avenue, Fontana, CA 92337

Product Description: "HardieSoffiles" un-vented, fiber-cement soffit, 316" thick and

"Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.

1090 Ellan Avenue, Fontana, CA 92337

Product Description: "HardieSoffiles" un-vented, fiber-cement soffit, 316" thick and

"I thick."



CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION OFFICE OF THE STATE FIRE MARSHAL FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

8165-2192:0100 Page 1 of 1 CATEGORY: 8165 -- VENTS FOR WILDLAND URBAN INTERFACE (W.U.I.) LISTEE: Vulcan Technologies580 Irwin Street, Suite 1, San Rafel, CA 94901 Contact: John Simontacchi (415) 459-6488 Fax (415) 459-6055 Email: johns@firefree.com Einal: join/gifferfex com Viction Technologies (19814 (1974), VFS814 (1974) ondation verd. Model VFS312 (1974) of VFS814 (1974), VFS814 (1974) joinfallow verd. Alaminum horsycomb core, 58° normal bioloness with 14° cells. 14° abariess stell meals 14° abariess stell meals Infrastructure cooling RATING: Rated for use as materials for exterior wildfire exposure in Wildland Urban Interface (WUI) fire

Listee name. Model number, rating and SFM label.

Listed as foundation vent, soffit vent, and eave vent for use in Wildland Urban Interface Areas

LISTING No.
CATEGORY:
LISTEE:

INSTALLATION:

LISTING No.

8165-2232:0500 8165 -- VENTS FOR WILDLAND URBAN INTERFACE (W.U.L.)

FamaGisand Vertice Model UE 3011 (22"X3.5"), UE 3021 (14"X3.5") UE 3031 (14"X3.5"), UE 3031 (14"X3.5"), UE 3041 (22"X3"), UE 3051 (22"X5.5"), CS 3011 (120"X57), CS 3021 (120"X5.5"), UE 3041 (22"X5.5"), UE 3041 (22"X5.5"), CS 3041 (120"X5.5"), UE 3041 (22"X5.5"), UE 3041 (12"X5.5"), UE 3041 (14"X3.5"), UE

Page 1 of 1

Rated for use as materials for exterior wildfire exposure in Wildland Urban Interface (WUI) fire

In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction. Listee name. Model number, rating and SFM label.

9165-2214-0100

CATEGORY: 8165 - VENTS FOR WILDLAND LIRBAN INTERFACE (WILLL) LISTEE: Embers Out LLC21520 Yorba Linda Blvd., Suite G 530, Yorba Linda, CA 92887 Contact: George Sh 3-3459 Fax (714) 779-3501

DESIGN: Embers Out Elite Unione (12/12/880/12"X12"), E1218N124 (12"X18"), E1224N168 (12"X24"), E1414N110 (14"X14"), E1418N145 (14"X18"), E1424N187 (14"X24"), E1430N249 (14"X30") exterior vent. Aluminum or Stainless Steel

RATING: Rated for use as materials for exterior wildfire exposure in Wildland Urban Interface (WUI) fire

MARKING: Listee name. Model number, rating and SFM label. APPROVAL: Listed as foundation vent, soffit vent, and eave vent for use in Wildland Urban Interface Areas (WUI) for vertical installation only.

This listing is considered an alternate method of compliance with 705A, 2013 CBC. Alternate Metods of Compliance are listed as a one time listing only.

REVISIONS

PROJECT FOR ALEX LUBIVY 16391 AZTEC RIDGE DR., LOS GATOS,CA, 95030

n.amatuni@gmail.com 408 4200411 NATALIA AMATUNI

PROJECT NO.

DATE

A 6 OF

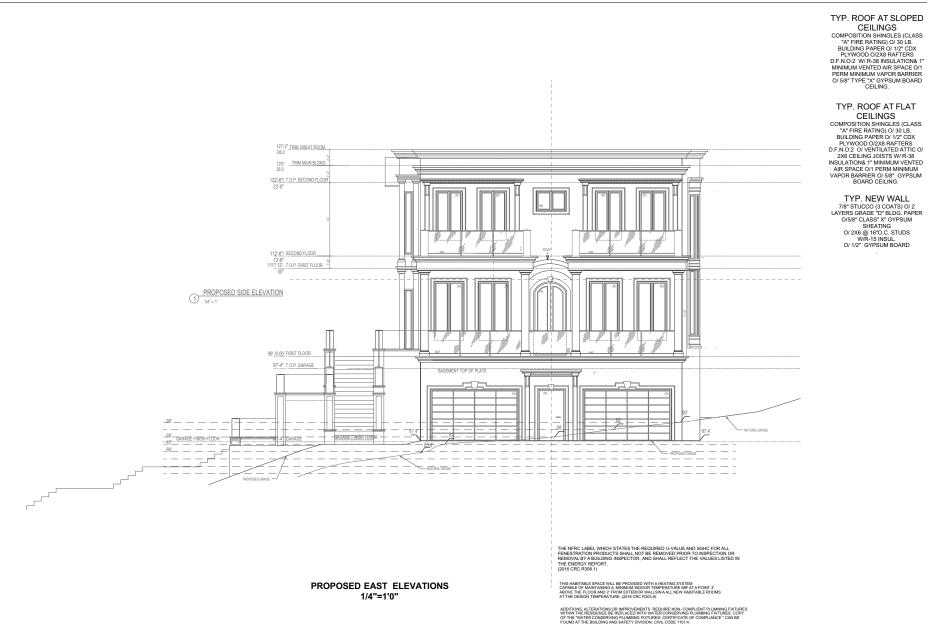
SHEET NUMBER

NEW ROOF: IB ROOF SYSTEM PVC MEMBRANE

NOTE 1:
ROOF GUTTERS SHALL BE
PROVIDED WITH GUTTER SCREENS
TO PREVENT THE ACCUMULATION
OF LEAVES AND DEBRIS IN THE
GUTTER.

LEGEND: DS DOWNSPOUT. SEE N.12/ A1

ROOF PLAN 1/4"=1'0"



REVISIONS

PROJECT FOR ALEX LUBINY 16391 AZTEC RIDGE DR., LOS GATOS, CA, 95030



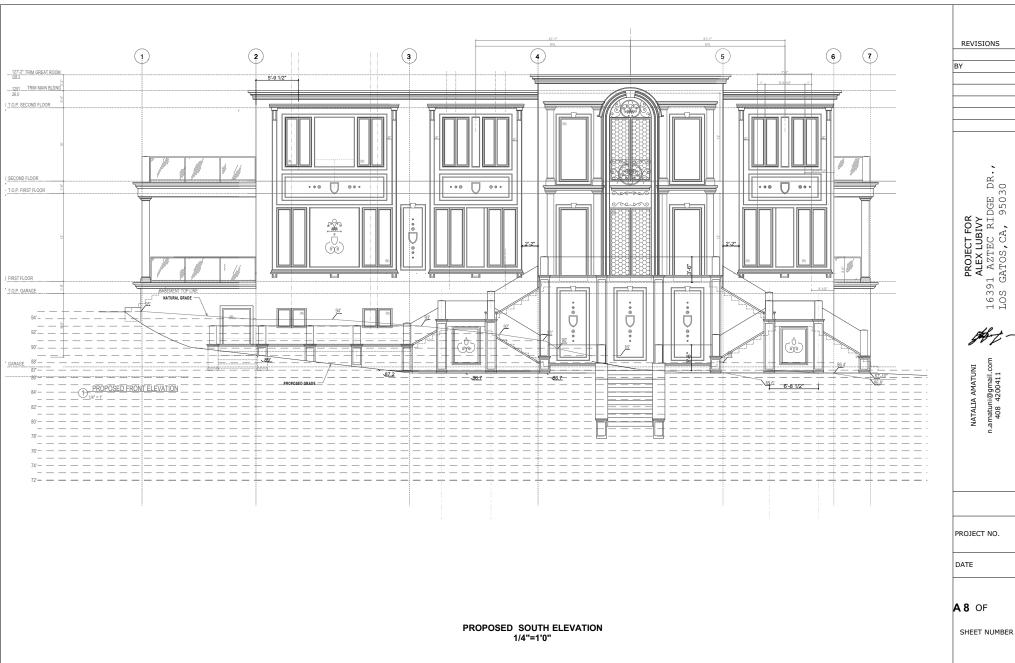
n.amatuni@gmail.com 408 4200411 NATALIA AMATUNI

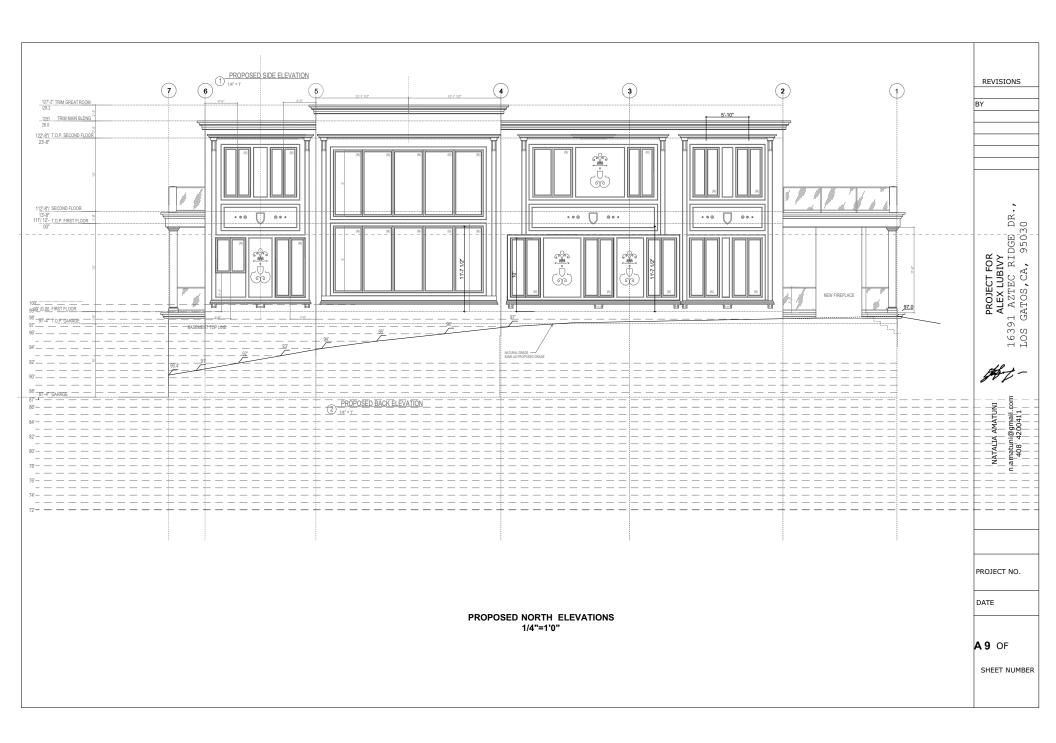
PROJECT NO.

DATE

A7 OF

SHEET NUMBER





107 F TIME (PRICE PROPE)

OUT TIME (PRICE PROPE)

PROPOSED WEST ELEVATIONS 1/4"=1'0"

REVISIONS

PROJECT FOR ALEX LUBIVY 16391 AZTEC RIDGE DR., LOS GATOS,CA, 95030

Ht-

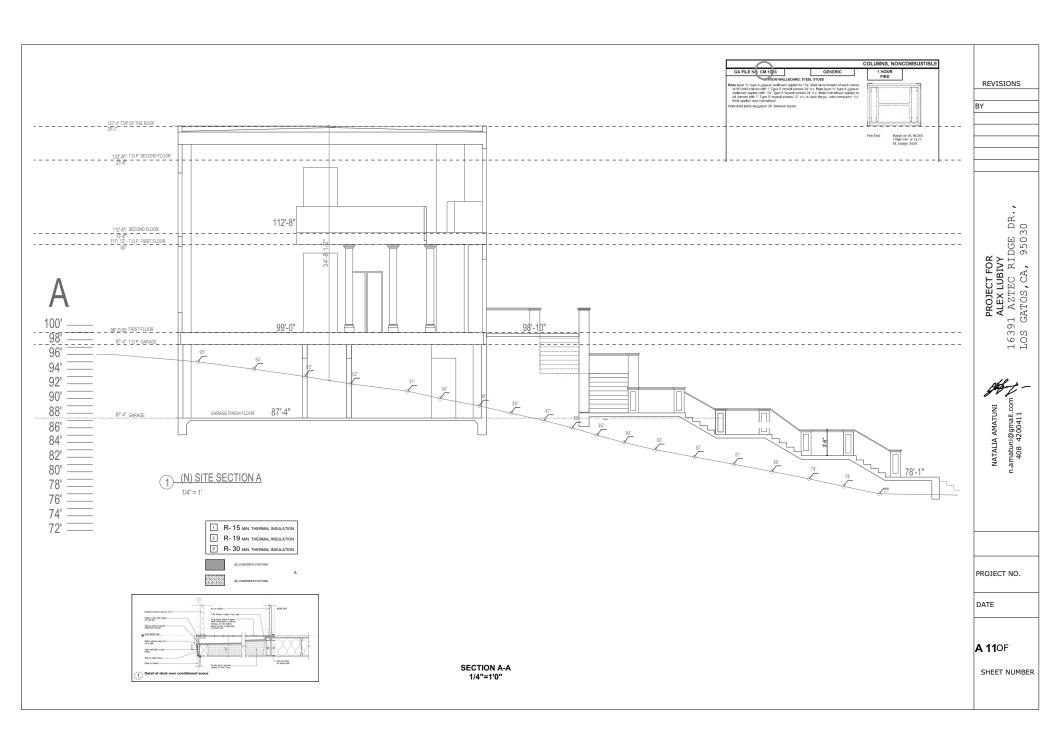
NATALIA AMATUNI n.amatuni@gmail.com 408 4200411

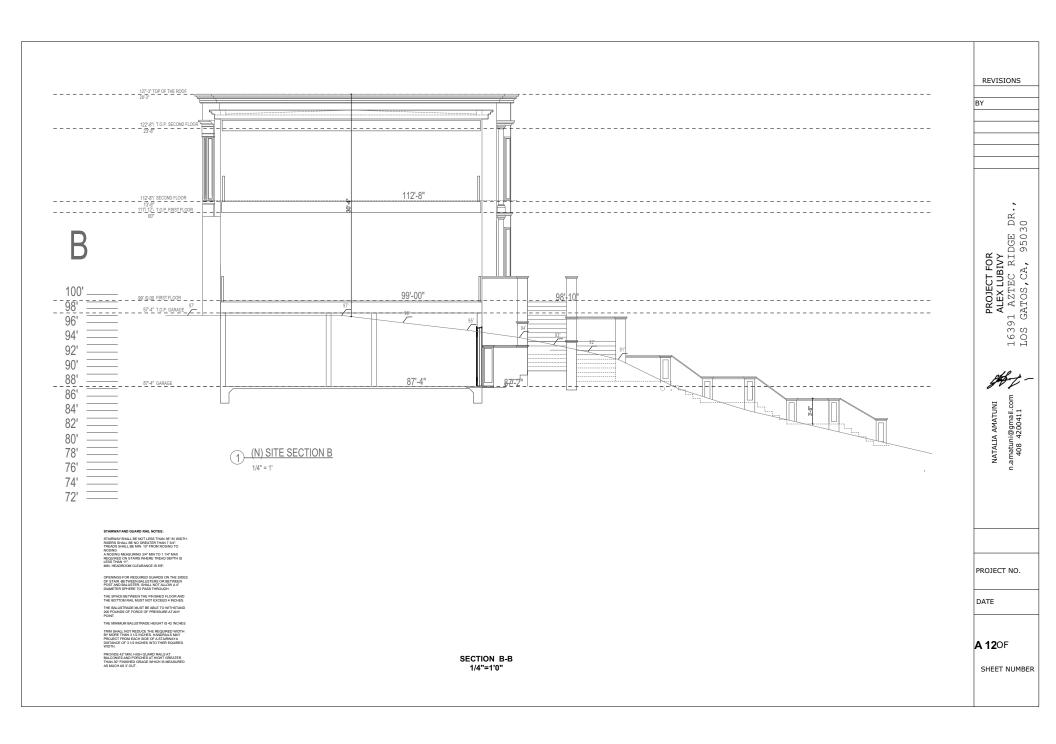
PROJECT NO.

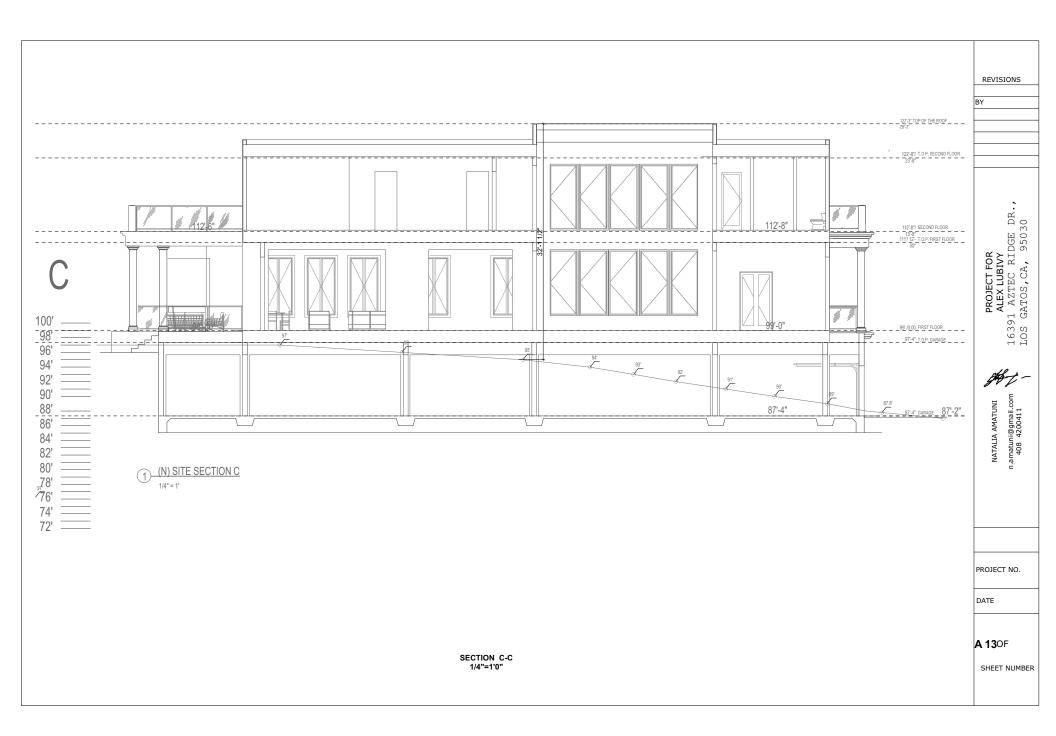
DATE

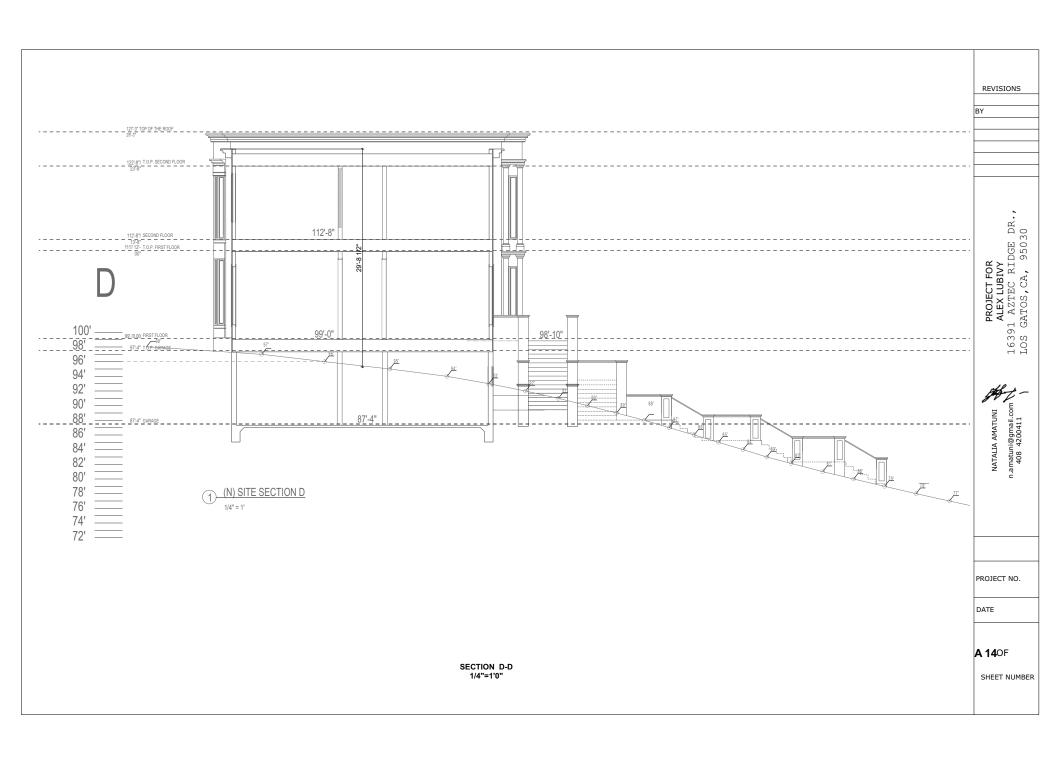
A 100F

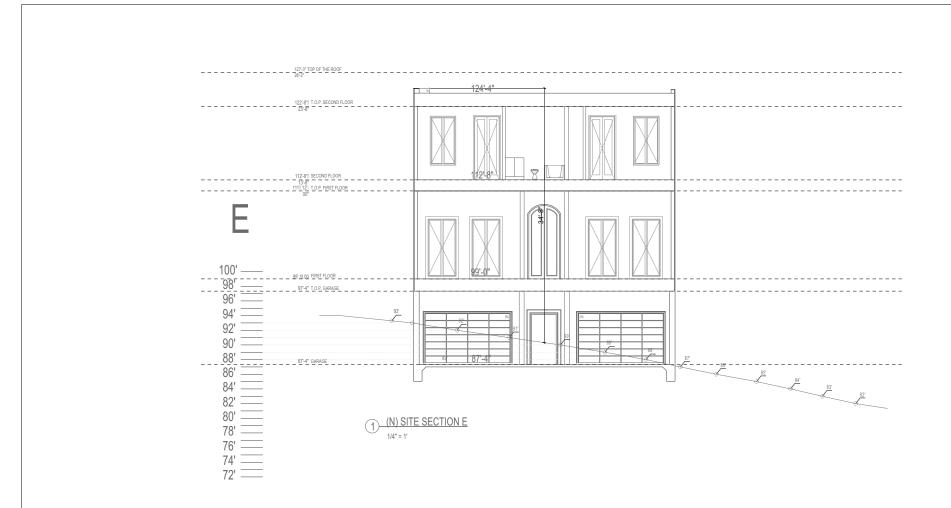
SHEET NUMBER











REVISIONS

,

PROJECT FOR ALEX LUBIVY 16391 AZTEC RIDGE DR., LOS GATOS,CA, 95030



NATALIA AMATUNI n.amatuni@gmail.com 408 4200411

PROJECT NO.

DATE

A 150F

SHEET NUMBER



2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2020, Includes August 2019 Supplement)

Y = YES
NIA = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (9x: ARCHITECT, ENGINEER
COWNER, CONTRACTOR, INSPECTOR ETC.) Y NA RESPON. CHAPTER 3 **GREEN BUILDING** SECTION 301 GENERAL DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE 4.106.4.2.1.1 Electric Vehicle Charging Stations (EVCS) When EV chargers are installed, EV spaces required by Section 4.106.2.2, Item 3, shall comply with at least one of the following options: DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION 301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7. 4.303 INDOOR WATER USE
4.301 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.301 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.301 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and
4.303.1 WATER CONSERVING PUMBING FIXTURES AND FITTINGS. Plumbing futures (water closets and closets a EFFICIENCY 4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE The EV space shall be located adjacent to an accessible parking space meeting the requirements of the California Building Code, Chapter 11A, to allow use of the EV charger requirements or the California Surioning Code, Chapter 11A, to allow use or the EV charger from the accessible parking space.

2. The EV space shall be located on an accessible route, as defined in the California Building Code. Chapter 2 to the building. 301.1.1 Additions and alterations. (HCD) The mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration. All noncompliant plumbing futures in any residential real property shall be replaced with water-plumbing futures. Plumbing future replacement is required prior to issuance of a certificate of fire completion, certificate of occupancy, or final permit approval by the local building department. So Code Section 110.1.1, et seq., for the defination of a noncompliant plumbing future, types of resi-buildings affected and other important enactment alters. Exception: Electric vehicle charging stations designed and constructed in compliance with the California Building Code, Chapter 11B, are not required to comply with Section 4.106.4.2.1.1 and Section 4.108.4.2.2 lites. 408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING Note: On and after January 1, 2014, residential buildings undergoing permitted alterations, addi percent of the non-hazardous construction and demolition waste in accordance with either Section 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste improvements shall replace noncompliant plumbing fatures with water-conserving plumbing interesting interesting fatures. Plumbing fatures replacement is required prior to issuance of a certificate of final completion, certificate of occupancy or final permit approval by the local building department. See Civil Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fature, types of residential buildings affected and collections of the control of t 4.303.1.1 Water Closets. 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 Tollets. 4.106.4.2.2 Electric vehicle charging space (EV space) dimensions. The EV space shall be designed to comply with the following: Excavated soil and land-clearing debris.
 Alleman sustain education methods developed by working with local agencies if diversion or developed by the control of th Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush. 301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD] The provis The minimum length of each EV space shall be 18 feet (5486 mm). The minimum with of each EV space shall be 9 feet (2743 mm). The minimum with of each EV spaces shall be 9 feet (2743 mm) and entire the space, shall have an 8-foot (2438 mm) wide minimum aide. A 5-foot (1524 mm) wide minimum aide shall be permitted provided the minimum with of the EV space is 12 feet (1638 mm). 4.303.1.2 Urinals. The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush. The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush. buildings, or both. Individual sections will be designated by banners to indicate where the section applies specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and high-rise buildings, no banner will be used. 4.408.2 CONSTRUCTION WASTE MANAGEMENT PLAN. 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 enforcing agency. Surface slope for this EV space and the aisle shall not exceed 1 unit vertical in 48 units beginning to 12 082 percent slope) in any direction. 4.303.1.3.1 Single Showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallors per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA SECTION 302 MIXED OCCUPANCY RUILDINGS 302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building Identify the construction and demolition waste materials to be diverted from disposely precipting, resus on the project or salvage for future use or sale.
 Specify (constructions and demolitions waste materials with be sorted on-site (source separated) or a substantial demolities of the sale of th 4.184.2.3 Blogle IV space registed, total a last receny capable of accommodating a 2009AL for decidable the colour Televocema that it reto account of the colour televocema of the colour televocema that it reto account of the colour televocema of 4.303.1.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 galatine per minute at 80 psi, or the shower shall be designed to only allow one shower outlet to be in operation at a time. ARREVIATION DEFINITIONS: Department of Housing and Community Development California Building Standards Commission Division of the State Architect, Structural Safety Out Commission of the State Architect, Structural Safety Out Commission of the State Architect, Structural Safety Out Commission of State Architect, Structural Safety Out Commission of State Out Commiss 4.303.1.4.1 Residential Lavatory Faucets. 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. **CHAPTER 4** 4.303.1.4.2 Lavatory Faucets in Common and Public Use Areas. The maximum flow rate of lavatory faucets installed in common and public use areas (outside of dwellings or sleeping units) in residential buildings shall not exceed 0.5 gallons per minute at 60 ps. RESIDENTIAL MANDATORY MEASURES 1.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total combine weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 lbs./sq.fl. of the building area shall meet the minimum 65% construction waste reduction required Section 4.08.1 4.303.1.4.3 Metering Faucets. Metering faucets when installed in residential buildings shall not deliver more than 0.2 gallons per cycle. DIVISION 4.1 PLANNING AND DESIGN 4.303.1.4.4 Kitchen Faucets. 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 exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 00 psi. 4.408.4.1 WASTE STREAM REDUCTION ALTERNATIVE. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 2 pounds per square foot of the building area, shall meet the minimum 65% construction waste reduction requirement in Section 4.406.1 DEFINITIONS wing terms are defined in Chapter 2 (and are included here for reference) 4.106.4.3 New hotels and motels. All newly constructed hotels and motels shall provide EV spaces capable of supporting future installation of EVSE. The construction documents shall identify the location of the EV space. FRENCH DRAIN. A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar pervious material used to collect or channel drainage or runoff water. WATTLES. Wattles are used to reduce sediment in runoff. Wattles are often constructed of natural plant materials such as hay, straw or similar material shaped in the form of tubes and placed on a downflow slope. Wattles are also used for perimeter and infel controls. I.408.5 DOCUMENTATION. Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.408.2, items 1 through 5, Section 4.408.3 or Section 4.408.4... 4.30.2 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code. 1. Construction documents are intended to demonstrate the project's capability and capacity Constitution documents are internet or elements are one projects capating and capaor facilitating future EV charging.

 There is no requirement for EV spaces to be constructed or available until EV chargers
are installed for use. 4.106 SITE DEVELOPMENT Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at www.hock.acg.ov/CAL Green.html may be used to assist in documenting compliance with this section.
 Missed construction and demolition debrus. (a D) processors can be located at the California Department of Resources Recycling and Recovery (Califocytie). 4.106.4.3.1 Number of required EV spaces. The number of required EV spaces shall be based on the total number of parking spaces provided for all types of parking facilities in accordance with Table 4.106.4.3.1. Calculations for the required number of EV spaces shall be rounded up to the NOTE: THIS TABLE COMPILES THE DATA IN SECTION 4:303.1, AND IS INCLUDED AS A CONVENIENCE FOR THE USER. .106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. Projects which disturb less 4.410 BUILDING MAINTENANCE AND OPERATION TABLE - MAXIMUM FIXTURE WATER USE than one acre of soil and are not part of a larger common plan of development which in total disturbs one acr or more, shall manage storm water drainage during construction. In order to manage storm water drainage during construction, one or more of the following measures shall be implemented to prevent flooding of adjac property, prevent erosion and retain soil unord for the sits. disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building: TABLE 4.106.4.3.1 TOTAL NUMBER OF PARKING NUMBER OF REQUIRED EV SHOWER HEADS Retention basins of sufficient size shall be utilized to retain storm water on the site.
 Where storm water is conveyed to a public drainage system, collection point, gutter or similar disposal method, water shall be filtered by use of a barrier system, wattle or other method a 1.8 GMP @ 80 PSI Directions to the owner or occupant that the manual shall remain with the building throughout the file cycle of the structurence instructions for the following:
 Beginner and appliance, including water-saving devices and systems, HVAC systems, photovolatic systems, electric vehicle chargers, water-heating systems and other major appliances and equipment. by the enforcing agency.

3. Compliance with a lawfully enacted storm water management ordinance. 10-25 Note: Refer to the State Water Resources Control Board for projects which disturb one acre or more of soil, or are part of a larger common plan of development which in total disturbs one acre or more of soil. COMMON & PUBLIC USE AREAS appliances and expireme.

1. Roll and any del desauge, including gathers and downspouls.

1. Roll and any del desauge, including gathers and downspouls.

2. Landscape irrigation systems.

2. Water transport systems.

3. Water transport systems of transport systems on methods to further reduce resource consumption, including recycle programs and locations.

4. Public transportion and/or support of programs and locations.

4. Public transportion and confidence in such size of the systems of 1.8 GPM @ 60 PSI (Website: https://www.waterboards.ca.gov/water_issues/programs/storm METERING FAUCETS 0.2 GAL/CYCLE £.106.3 GRADING AND PAVING. Construction plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surfac water include, but are not limited to, the following: 1.28 GAL/FLUSH WATER CLOSET 0.125 GAL/FLUSH Swales
 Water collection and disposal systems
 French drains 4.304 OUTDOOR WATER USE
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR WATER USE
4.304.1 OUTDOOR WATER USE
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will
4.304.1 OUTDOOR WATER USE IN LANDSCAPE AREAS. Residential developments shall comply will be used to be used t water. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation. 4.106.4.3.2 Electric vehicle charging space (EV space) dimensions. The EV spaces shall be designed to teet away from the toundation.

8. Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc.

9. Information about state solar energy and incentive programs available.

10. A copy of all special inspections verifications required by the enforcing agency or this code. The minimum length of each EV space shall be 18 feet (5486mm).
 The minimum width of each EV space shall be 9 feet (2743mm). 4.106.4 Electric vehicle (EV) charging for new construction. New construction shall comply with Sections 4.106.4.1, 4.106.4.2, or 4.106.4.3 in facilitate future installation and use of EV chargers. Electric vehicle supply equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article Cod. 4.418.2 RECYCLING BY OCCUPANTS. Where 5 or more multifamily dentifying units are constructed on a building site, provide readily accessible sma(s) that serves all buildings on the site and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) procure of the control 4.106.4.3.3 Single EV space required. When a single EV space is required, the EV space shall be designed in accordance with Section 4.106.4.2.3. ions:

On a case-by-case basis, where the local enforcing agency has determined EV changing and inflastructure are not feasible based upon one or more of the following conditions:

1.2 Where there is evidence substantialing that meeting the requirements will alter the local utility infrastructure design requirements on the utility side of the meter so as to increase the utility and cost so the homewomer or the developer by more than \$400.00 per or 4.106.4.3.4 Multiple EV spaces required. When multiple EV spaces are required, the EV spaces shall be designed in accordance with Section 4.106.4.2.4. 4.106.4.3.5 Identification. The service panels or sub-panels shall be identified in accordance with Section 4.106.4.2.5. dwelling unit.
ssory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without addit DIVISION 4.5 ENVIRONMENTAL QUALITY 4.196.4. New one and two-family derailings and involvables with attached private garages. For our design get, related interciseness is excluded 2002-04 of but and confident for excess and an other private p DIVISION 4.2 ENERGY EFFICIENCY SECTION 4 501 GENERAL SECTION 4.502 DEFINITIONS DNS s are defined in Chapter 2 (and are included here for reference) AGRIFIBER PRODUCTS. Agrifiber products include wheatboard, strawboard, panel substrates cores, not including furniture, fixtures and equipment (FF&E) not considered base building elem-4.106.4.2 New multifamily dwellings. If residential parking is available, ten (10) percent of the total number of parking spaces on a building site, provided for all types of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting buture EVES. Calculations for the required number of EV spaces shall space shall be spaced to the control of the space of the spaces. COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium dentityl filenthouard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite inhether, oriented strant board, glaud laminated timber, prefehricated wood ljoists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section 93120.1. Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging.
 There is no requirement for EV spaces to be constructed or available until EV chargers are installed DIRECT-VENT APPLIANCE. A fuel-burning appliance with a sealed combustion system to combustion from the outside atmosphere and discharges all flue gases to the outside atmosphere. 4.106.4.2.1 Electric vehicle charging space (EV space) locations. Construction documents shall indicate the location of proposed EV spaces. Where common use parking is provided at least one EV space shall be located in the common use parking are and shall be available for use by all residents.



Y NIA RESPON. PARTY

2019 CALIFORNIA GREEN BUILDING STANDARDS CODE

TABLE 4 504 2 - SEALANT VOC LIMIT

SEALANTS

ROADWAY

SEALANT PRIMERS

NON-POROUS

POROUS MODIFIED BITUMINOUS MARINE DECK

OTHER

SINGLE-PLY ROOF MEMBRANE

ARCHITECTURA NONMEMBRANE ROOF

ess Water and Less Exempt Compounds in Grams per Lite

TABLE 4.504.3 - VOC CONTENT LIMITS FOR

GRAMS OF VOC PER LITER OF COATING LESS WATER & LESS EXEMP

400

ARCHITECTURAL COATINGS23

NON-FLAT COATINGS

SPECIALTY COATINGS ALUMINUM ROOF COATINGS

BITUMINOUS ROOF COATINGS BITLIMINOUS ROOF PRIMERS

RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2020, Includes August 2019 Supplement)

Y = YES
NA = NOT APPLICABLE
RESPON PARTY = RESPONSBLE PARTY (N: ARCHITECT, ENGINEER
OWNER CONTRACTOR INSPECTOR ETC.) CHAPTER 7 TABLE 4 504 5 - FORMAL DEHYDE LIMITS. INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS AVIMI IM EODMAI DEUVDE EMISSIONS IN DARTS DER MILLION 702 QUALIFICATIONS CURRENT LIMIT 702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or egionally recognized training or conflictation program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems contractor lensed to install HVAC systems Examples of acceptable HVAC basings and certification program include but are not limited to the Eclored. 0.09 State certified apprenticeship programs.
 Public utility training programs.
 Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
 Programs sponsored by manufacturing organizations.
 Other programs acceptable to the enforcing apency. 702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or he responsible entity acting as the owner's agent shall entity) one or more special improchas to provide improchas or be provide improchas or be provided improchas or be provided improchas or be referred as a final provided in a comparison of the control agency of the profitourity page of the profitourity page of the ordinary agency the notional grade profit and a special improch or sake to be profit or all profits of the control agency and acceptable to the entitle of the profit of the position of the state of the profit of the Certification by a national or regional green building program or standard publisher.
 Certification by a statewise energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
 Successful completion of a flinif party apprentice training program in the appropriate trade.
 Other programs acceptable to the enforcing appreny. Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for complance with this code.

2. HRS rates are special inspector certified by the Colomisia Energy Commission (CEC) for ale homes in California according to the Home Energy Rating System (HERS). [BSC] When required by the enforcing agency, 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 wit Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 703. VERIFICATIONS
703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include bid is not imitted to construction documents, plans, specifications, builder or installer certification, respection reports, or other methods acceptable to the eriflority agency with of demonstrates substantial conformance. When specific remodes acceptable to the eriflority agency with of demonstrates is substantial conformance. When specific has appropriate exception or identified application checklut. 4.507 ENVIRONMENTAL COMFORT 4.807.2 HEATING AND AIR-CONDITIONING SYSTEM DESIGN. 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 2 Manual J - 2011 (Residential Local Calculation), ANSI/ARIE hardbooks or diverge equilated design software or methods.
 Local Calculation (ANSI/ARIE hardbooks or diverge equilated design software or methods.
 ANSI/ARIE hardbooks or other equilated design software or methods.
 Select heating and cooling equilment according to ANSI/ARICA 3 Manual S - 2014 (Residential Equipment) Beach of the control of t

П			
		MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundredths of a grain (OF) ROC). Note: MIR values for individual compounds and hydrocarbon solvents are specified in CCR, Tifle 17, Sections 94700 and 94701.	
l		MOISTURE CONTENT. The weight of the water in wood expressed in percentage of the weight of the oven-dry wood.	
		PRODUCT-WEIGHTED MIR (PMMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PMMIR to the fold product reactivity expressed in hundredthe of a gram of ozone formed per gram of product (excluding container and packaging). Where PMMIR is calculated according to equation found in CCR, Tifle 17, Section 4452 (a).	
l		REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.	
		VOC. A volatile organic compound (VOC) broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See COR Title 17, Section 94509 and	
-	0	4.503 FIREPLACES 4.503 FIREPLACES 4.503.1 GENERAL. Any installed gas freplace shall be a direct-vent sealed-combustion type. Any installed woodstore or pelies store shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stores and freplaces shall allow comply with applicable local ordinances.	
	0	4.504 DOLLUTANT CONTROL 4.504 LOVERNA OF DUCT OPENINS & PROTECTION OF MECHANICAL EQUIPMENT DURING 4.504 LOVERNA OF DUCT OPENINS & PROTECTION OF MECHANICAL EQUIPMENT DURING statute of the heating cooling and ventilating substant, during storage on the conshibitors also and unit field statute of the heating cooling and ventilating equipment. all dust and there sheaded articulturation component openings that be covered with laps, plastic, wheel metal or other methods acceptable to the enforcing agency to reduce the namoust of water, dust of evide within may wrette the spirit, which in the protection of the control of the protection of the protection of the control of the protection of the p	
b	0	4.504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with this section.	
-	0	4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealant and caulks used on the project shall meet the requirements of the following standards unless more stringent local or regional air pollution or air quality management district rules apply:	
		1. Althories, subraive bording primers, affective primers, selents, seekent, primers and cause shall cooply will be can region at a public on credit or air quality measurement detect uses where shall cooply will be can region at a public on credit or air quality measurement detect uses where shall cooply and the public of the public	
		 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 cuncer) shall comply with statewise VIOz standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with section 45407. 	
-	0	4.504.2 Paints and Coatings. Architectural paints and coatings shall comply with VCC limits in Table 1 of the ARB Architectural Suppared Control Measure, as shown in Table 4.043.1 unless more stringent local limits apply. The VCC content limit for coatings that do not meet the definitions for the specialty coatings categories isted in Table 4.504.3 shall be determined by classifying the coating as a Fall. Montilat Oronital-shipling Gloss	

4.504.2.3 Aerosol Paints and Costings. Aerosol paints and coatings shall meet the Product-weighted MIR Limits for RDC in Section 9452(a)(2) and other requirements, including prohibitors on use of certain toxic compounts and cost redpeting substances, in Sections 9452(c)(1) and ((f)) of distinct Code of an experience of the section of the section 9452(c)(1) and (f)) of distinct Code of Coalify Management District additionally comply with the percent VOC by weight of product limits of Regulation 8, Rula 49.

4.504.2.4 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

100

250

Manufacturer's product specification.
 Field verification of on-site product containers.

INDOOR CARPET ADHESIVES

OUTDOOR CARPET ADHESIVES

VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES

MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS CPVC WELDING ABS WELDING

SUBFLOOR ADHESIVES

PLASTIC CEMENT WELDING ADMESTIVE DRIMED FOR DI ASTIC CONTACT ADHESIVE

PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD)

STRUCTURAL WOOD MEMBER ADHESIVE TOP & TRIM ADHESIVE

SUBSTRATE SPECIFIC APPLICATIONS

TABLE 4.504.1 - ADHESIVE VOC LIMIT12

BITUMINUUS KUUF FRIMERS	330
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
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
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE

ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR OILAI ITY MANAGEMENT DISTRICT RILE 1188.

Exception: Use of alternate design temperatures necessary to ensure the system functions are



COUNTY OF SANTA CLARA

COUNTY OF SANTA CLARA
2019 CALGREEN RESIDENTIAL CHECKLIST (MANDATORY)
County Amendments to CAGinen are in Tables.
County Amendments to CAGinen are in Tables.
Ceatings the core soul theam that are not applicable to the project.
And the county of the count

			APPLICAN'	TO COMPLETE	In	staller or Designer
			Plan Chec	k Review Data		Verification
	CALGreen CODE		REFERENCE	Note or Detail		Installer or Designe
ITEM #	SECTION	REQUIREMENT	SHEET	No.	Date	Signature
		PLANNING AND DESIGN: MAN	DATORY REC	UIREMENTS		
		A plan is developed and implemented	CG-2	NOTE 1		
1	4.106.2	to manage storm water drainage				
		during construction.				
		Construction plans indicates how site	CG-2	NOTE 2		
2	4 106 3	grading or a drainage system will				
2	4.106.3	manage all surface water flows to keep				
		water from entering buildings.				
		For new dwellings and the rebuild of				
		existing dwellings that include a panel				
3	4 106 4 1	upgrade or construction between panel	CG-2	NOTES 3 & 4		
3	4.100.4.1	and parking area, a raceway to a	CG-2	WUIES 3 & 4		
		dedicated 208/240-volt branch circuit				
		meeting the requirements, is installed.				
		ENERGY EFFICIENCY: MAND	ATORY REQI	JIRMENTS		
		Building meets or exceeds the	T24			
4	4.201.1	requirements of the California Building	SHEETS			
		Energy Efficiency Standards.	0			
	v	ATER EFFICIENCY & CONSERVATION	N: MANDATO	RY REQUIREME	NTS	
		Plumbing Fixtures (water closets and				
		urinals) and fittings (faucets and				
5	4 303 1	showerheads) installed in residential	CG-2	NOTE 5		
,	4.303.1	buildings comply with CALGreen				
		Sections 4.303.1.1 through				
		4.303.1.4.4.				
		Plumbing fixtures and fittings required				
		in CALGreen Section 4.303.1 are				
6	4.303.2	installed in accordance with the CPC	CG-2	Note 6		
		and meet the applicable referenced				
		standards.				
		Outdoor potable water use in				
		landscape areas comply with a local				
7	4.304.1	water efficient landscape or the current	CG-2	Note 7		
	I	California DWR MWELO, whichever is				
		more stringent.				
		For new dwellings where disinfected				
8	4 305 1	tertiary recycled water is available,	CG-2	Note 8		
	7.303.1	installation of recycled water supply	L CG-2	mode o		
	I	curtom is required per CRC chapter 15				1

TABLE 4.504.1	
ADHESIVE VOC LIMIT	F1,2
iter and Less Exempt Compoun	ds in Grams pe
STECTURAL APPLICATIONS	VOC LIM

ARCHITECTURAL APPLICATIONS	VOC LIMIT
Indoor carpet adhesives	50
Carpet pad adhesives	50
Outdoor carpet adhesives	150
Wood flooring adhesive	100
Rubber floor adhesives	60
Subfloor adhesives	50
Ceramic tile adhesives	65
VCT and asphalt tile adhesives	50
Drywall and panel adhesives	50
Cove base adhesives	50
Multipurpose construction adhesives	70
Structural glazing adhesives	100
Single-ply roof membrane adhesives	250
Other adhesives not specifically listed	50
SPECIALTY APPLICATIONS	
PVC welding	510
CPVC welding	490
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 foams	50
Porous material (except wood)	50
Wood	30
Fiberglass	50)

1168.							
TABLE 4.504.2 SEALANT VOC LIMIT Less Water and Less Exempt Compounds in Grams per Liter SEALANTS VOC LIMIT							
SEALANTS	VOC LIMIT						
Architectural	250						
Marine deck	760						
Nonmembrane roof	300						
Roadway	250						
Single-ply roof membrane	450						
Other	420						
SEALANT PRIMERS							
Architectural Nonporous Porous	250 775						
Modified bituminous	500						
Marine deck	760						
Other	750						

SPECIALTY COATINGS	
Aluminum roof coatings	400
Basement specialty coatings	400
Bituminous roof coatings	50
Bituminous roof primers	350
Bond breakers	350
Concrete curing compounds	350
Concrete/masonry sealers	100
Driveway sealers	50
Dry fog coatings	150
Faux finishing coatings	350
Fire resistive coatings	350
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
Magnesite cement coatings	450
Mastic texture coatings	100
Metallic pigmented coatings	500
Multicolor coatings	250
Pretreatment wash primers	420
Primers, sealers, and undercoaters	100
Reactive penetrating sealers	350
Recycled coatings	250
Roof coatings	50
Rust preventative coatings	250
Shellacs	
Clear	730
Opaque	550
Specialty primers, sealers and undercoaters	100
Stains	250
Stone consolidants	450
Swimming pool coatings	340
Traffic marking coatings	100
Tub and tile refinish coatings	420
Waterproofing membranes	250
Wood coatings	275
Wood preservatives	350
Zinc-rich primers	340

				T TO COMPLETE	In:	staller or Designer
			Plan Chec	k Review Data		Verification
	CALGreen					
	CODE		REFERENCE			Installer or Design
ITEM #	SECTION	REQUIREMENT	SHEET	No.	Date	Signature
	MATERIA	L CONSERVATION & RESOURCE EFF	CIENCY: MA	NDATORY REQU	IREME	NTS
		Annular spaces around pipes, electric				
		cables, conduits or other openings in				
		plates at exterior walls are protected				
q	4 406 1	against the passage of rodents by	CG-2	Note 9		
9	4.406.1	closing such openings with cement	CG-2	Note 9		
		mortar, concrete masonry or similar				
		method acceptable to the County of				
		Santa Clara.				
		Recycle and/or salvage for reuse a				
		minimum of 65 percent of the				
		nonhazardous construction and				
10	4 408 1	demolition waste. Submit either a	CG-2	Note 10		
10	4.408.1	Construction Waste management plan	CG-2	NOTE 10		
		(CALGreen 4.408.2) or Utilize a waste				
		management company (CALGreen				
		4.408.3).				
		Documentation is provided to County	CG-1	Construction	I	
		of Santa Clara which demonstrates		Waste		
11	4.408.5	compliance with CALGreen sections		Management		
		4.408.2 or 4.408.3.		Forms	l	
			CG-2	Note 11		
		An operation and maintenance manual			l	
12	4.410.1	is placed in the building at the time of	CG-2	Note 12		
		final inspection.				
		ENVIRONMENTAL QUALITY: MAP	IDATORY R	QUIREMENTS		
		Any installed gas fireplace is a direct-				
		vent sealed-combustion type. Any				
13	4.503.1	installed woodstove or pellet stove	CG-2	CG-2 Note 13		
		comply with US EPA Phase II emission				
	_	limits where applicable.				
		Duct openings and other related air				
14	4.504.1	distribution component openings are	CG-2	Note 14		
		covered during construction until final				
	_	startup of the HVAC equipment. Adhesives, sealants and caulks are	CG-1	Table 4 504 1		
15	4.504.2.1	compliant with VOC and other toxic	CG-1	Table 4.504.1		
15	4.504.2.1	compound limits.	CG-2	Note 15		
	_	compound limits.	CG-2	Note 15 Table 4,504.3		
16	4 504 2 2	Architectural paints and coatings are	CG-1	Table 4.504.3		
10	4.504.2.2	compliant with VOC limits.	CG-2	Note 16		
	_	Aerosol paints and coatings are	UG-2	Note 16		
		compliant with product weighted MIR				
17	4.504.2.3	limits for ROC and other toxic	CG-2	Note 17		
		compounds.				
	_	Documentation are provided to the	_		_	
		County of Santa Clara to verify that				
18	4.504.2.4	compliant VOC limit finish materials	CG-2	Note 18		
		have been used.				
	_	Carpet and carpet systems meet the	CG-1	Table 4.504.1		
	4,504.3	applicable testing and product				
19	1	requirements.	CG-2	Note 19	ı	
19				HOLE L.		
19	_				ı	
19	4 504 4	80 percent of floor area receiving resilient flooring comply with applicable	CG-2			
	4.504.4	resilient flooring comply with applicable	CG-2	Note 20	l	
	4.504.4	resilient flooring comply with applicable standards.				
20		resilient flooring comply with applicable standards. Hardwood plywood, particleboard and	CG-2 CG-1	Note 20 Table 4.504.5		
	4.504.4 4.504.5	resilient flooring comply with applicable standards.				

			APPLICANT TO COMPLETE Plan Check Review Data		In	staller or Designer Verification
ITEM #	CALGreen CODE SECTION	REQUIREMENT	REFERENCE SHEET	Note or Detail No.	Date	Installer or Designe Signature
	EI	VIRONMENTAL QUALITY: MANDATO	RY REQUIR	MENTS (Continu	ied)	
22	4.504.5.1	Documentation is provided to the County of Santa Clara to verify composite wood meets applicable formaldehyde limits.	CG-2	Note 22		
23	4.505.2	Vapor retarder and capillary break is installed at slab-on-grade foundations.	CG-2	Note 23		
24	4.505.3	Moisture content of building materials used in wall and floor framing do not exceed 19% prior to enclosure and is checked before enclosure. Insulation products are dry prior to enclosure.	CG-2	Note 24		
25	4.506.1	Each bathroom is mechanically ventilated and comply with applicable requirements.	CG-2	Note 25		
26	4.507.2	Heating and air-conditioning systems are sized, designed, and equipment is selected by using one of the methods listed.	CG-2	Note 26		
	INSTALLE	R AND SPECIAL INSPECTOR QUALIFI		IANDATORY REQ	UIREM	ENTS
27	702.1	HVAC system installers are trained and certified in the proper installation of HVAC systems.	CG-2	Note 27		
28	702.2	If required by County of Santa Clara, owner or owner's agent shall employ special inspector who are qualified and able to demonstrate competence in the discipline they are inspecting.	CG-2	Note 28		
29	703.1	Documentation used to show compliance with this code may include construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to County of Santa Clara which show substantial conformance.	CG-2	Note 29		

Construction Waste Management (CWM) Plan

Fill out the form including diversion rate and facility names and addresses

All Subcontractors shall comply with the project's Construction Waste Management Plan. All Subcontractor foremen shall sign the CWM Plan Acknowledgment Sheet.

This project shall generate the least amount of water possible by planning and ordering carefully, following all proper storage and handling procedures to reduce bodies and damaged materials and reusing materials whenever possible. The majority of the waste tast is generated on this polishest with the dovered from the landfull and expected for other uses.

Spreaddeer 1, rendood, identifies the water materials that will be generated on this project, the diversion strategy for each waste type and the anticipated devision rate.

and the attitionable diversion rate.

When prevention and recycling nativities will be discussed at the beginning of worlds reduces meeting, at each new temperature of the second of the beginning of worlds reduced meeting, at each new temperature of the second of the

possed at the protone trailer.

Subtage: Excess materials that cannot be used in the project, nor returned to the vendor, will be offered to site workers, the owner, or donated to chainly if Essible.

damed to chartly if Estable.

We ill provides a commingle drops but at the jobilite for most of the construction water. These commingled drops bears will be suffered from the construction water. These commingled drops the construction of the construction water. These commingled value will be "so." the construction of construction of the constru

1. Waste stome modulation refers to efficits taken by the bullet to rothese the amount of waste generated by the project to believe flow (by these places) are square for set of hadding are.

In the original of the control of the modes is obstituted from a bear weight of four (s) prouds per square four of publicage are. This relation is considered additional devision and can be used in the wast retired to the control of the

Construction Waste Management (CWM) Worksheet

Project Manager:			
Waste Hauling Company:			
Construction Waste Management (CV	VM) Plan		
WASTE MATERIAL TYPE	DIVERSION IS COMMINGLED AND SORTED OFF SITE	SOURCE SEPARATED ON SITE	PROJECTED DIVERSION RATE
Asphalt			
Concrete			
Shotcrete			
Metals			
Wood			
Rigid insulation			
Fiberglass insulation			
Acoustic ceiling tile			
Gypsum drywall			
Carpet/carpet pad			
Plastic pipe			
Plastic buckets			
Plastic			
Hardiplank siding and boards			
Glass			
Cardboard			
Pallets			
Job office trash, paper, glass & plastic bottles, cans, plastic			
Alkaline and rechargeable batteries, toner cartridges, and electronic devices			
Other:			

Construction Waste Management (CWM) Acknowledgment

Note. This sample form may be use	u to assist in documenting compitance with the waste management plan.
Project Name:	
Job Number:	
Project Manager:	
Waste Hauling Company:	
CWM Plan Acknowledgment	
The Foreman for each new Subcontractor that	comes on site is to receive a copy of the Construction Waste Management Plan an

DATE	SUBCONTRACTOR COMPANY NAME	FOREMAN NAME	SIGNATUR	

Project Information

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





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. NEW CONSTRUCTION SHALL COMPLY WITH CALGREEN SECTION 4.106.4.1 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.

- A. WHERE COUNTY OF SANTA CLARA HAS DETERMINED EV CHARGING AND
- B. ACCESSORY DWELLING UNITS (ADU) AND JUNIOR ACCESSORY DWELLING UNITS (1ADLI) WITHOUT ADDITIONAL PARKING FACILITIES.

4. FOR EACH DWELLING UNIT, INSTALL A LISTED RACEWAY TO ACCOMMODATE A 44. FOR EACH DWELLING UNIT, INSTALL A LISTED ANCEWAY TO ACCOMINIODATE A DEDICATED SARYAGE VALUE THE RACEWAY SHALL NOT BE LESS THAN TRADE SIZE 1 (NOMINAL 1-INCH 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 CONTINUOUS AT ENCLOSED, INACCESSIBLE 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 SPACE(S) RESERVED FOR FUTURE EV CHARGING AS "EV CAPABLE". THE RACEWAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "EV CAPABLE".

- 5. ALL NONCOMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING BLUMBING FIXTURES. BLUMBING 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 TOTLETS
- 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
- 6. PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE CALIFORNIA PLUMBING CODE.

7. RESIDENTIAL DEVELOPMENTS SHALL COMPLY WITH A LOCAL WATER EFFICIENT LANDSCAPE ORDINANCE OR THE CURRENT CALIFORNIA DEPARTMENT OF WATER RESOURCES' MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO), WHICHEVER

8. NEWLY CONSTRUCTED RESIDENTIAL DEVELOPMENTS, WHERE DISINFECTED TERTIARY RECYCLED 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.

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 PODENTS BY CLOSING SLICH 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
- 1. IDENTIFY THE CONSTRUCTION AND DEMOLITION WASTE MATERIALS TO BE DIVERTED FROM DISPOSAL BY RECYCLING, REUSE ON THE PROJECT OR SALVAGE FOR FUTURE USE OR SALE
- SALEWAGE FOR TOTURE USE OR SALE.

 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.

 4. 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.
- 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) EMISSION LIMITS AS APPLICABLE, AND SHALL HAVE A PERMANENT LABEL INDICATING THEY ARE CERTIFIED TO MEET THE EMISSION LIMITS. WOODSTOVES, PELLET STOVES AND FIREPLACES SHALL ALSO COMPLY WITH APPLICABLE 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 RELATED AIR DISTRIBUTION COMPONENT 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, PERCHLOROFTHYLENE AND TRICHLOROFTHYLENE), EXCEPT FOR AEROSOL PRODUCTS, AS SPECIFIED BELOW.

AEROSOL ADHESIVES, AND SMALLER UNIT SIZES OF ADHESIVES, AND SEALANT OF 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

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 NON-FLAT-HIGH GLOSS VOC LIMIT IN TABLE 4.504.3. SHEET, CG-1 SHALL APPLY.

17. AEROSOL PAINTS AND COATINGS SHALL MEET THE PRODUCT-WEIGHTED MIR LIMITS FOR ROC IN SECTION 94522(A)(2) AND OTHER REQUIREMENTS, INCLUDING PROHIBITIONS ON USE OF CERTAIN TOXIC COMPOUNDS AND OZONE DEPLETING SUBSTANCES, IN SECTIONS 94522(E)(1) AND (F)(1) OF CALIFORNIA CODE OF REGULATIONS, TITLE 17, COMMENCING WITH SECTION 94520; AND IN AREAS UNDER THE TURISDICTION OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT. ADDITIONALLY COMPLY WITH THE PERCENT VOC BY WEIGHT OF PRODUCT LIMITS OF

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 INSTALLED IN THE BUILDING INTERIOR SHALL MEET THE TESTING AND PRODUCT REQUIREMENTS OF ONE OF THE FOLLOWING

- A. CARPET AND RUG INSTITUTE'S GREEN LABEL PLUS PROGRAM
- B. 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 01350.)
- C. NSE/ANST 140 AT THE GOLD LEVEL.
- D. SCIENTIFIC CERTIFICATIONS 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 4.504.1, SHEET CG-1.

20. WHERE RESILIENT FLOORING IS INSTALLED, AT LEAST 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH ONE OR MORE OF THE FOLLOWING:

- A. 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 01350), CERTIFIED AS A CHPS LOW-EMITTING MATERIAL IN THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CHPS) HIGH PERFORMANCE PRODUCTS
- B. PRODUCTS CERTIFIED UNDER UL GREENGUARD GOLD (FORMERLY THE GREENGUARD CHILDREN & SCHOOLS PROGRAM).

FEBRUARY 2010 (ALSO KNOWN AS SPECIFICATION 01350).

- C. CERTIFICATION UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI) FLOORSCORE PROGRAM.
- D. 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.

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

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

23 CONCRETE SLAR FOLINDATIONS REQUIRED TO HAVE A VAPOR RETARDER BY CRC 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

- 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 MOISTLIRE CONTENT SHALL BE REPLACED OR ALLOWED TO PRODUCTS SHALL FOLLOW THE MANUFACTURERS' DRYING RECOMMENDATIONS PRIOR TO

25. EACH BATHROOM SHALL BE MECHANICALLY VENTILATED AND SHALL COMPLY WITH

- 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
- 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 J—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 S-2014 (RESIDENTIAL EQUIPMENT SELECTION) OR OTHER EQUIVALENT DESIGN

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 VERTEY COMPLIANCE. THAT METHOD OF COMPLIANCE WILL BE SPECIFIED IN THE APPROPRIATE SECTION OR IDENTIFIED IN THE APPLICATION CHECKLIST

Project Information



COUNTY OF SANTA CLARA

General Construction Specifications 5 1 2 1

GENERAL CONDITIONS

GROUND THAT ARE SHOWN TO BE REDOVED UNLESS AN AMERICAD PLAN IS
PLANING OFFICE. IT IS THE COURTA-CONFERON SERVICE SHOULD BE A PROPERLY TO ENGINE THAT
REMOVAL OF ADDITIONAL THIS MAS BEEN PERMITTED. TO SHOW THAT
REMOVAL OF ADDITIONAL THIS MAS BEEN PERMITTED. THE
REMOVED OFFI THE PROPERLY SHOULD CONTROL OF THE
PUBLIC PROPERLY SHOULD SHOULD CONTROL OF THE
PUBLIC PROPERLY SHOULD SHOUL

CONSTRUCTION STAKING

DATE TRUCTION 3 TAKING

BE ENGORPES DONGER IS RESPONSEE FOR THE NITIAL PLACEMENT AND
REPLACEMENT OF CONSTRUCTION GRADE STAKES. THE STAKES ARE TO REOFFICE THE STAKES AND THE STAKES AND

CONSTRUCTION INSPECTION

CONSTRUCTION INSPECTION

CONTRACTOR SHALL NOTIFY PERMIT REPECTION UNIT, SANTA CLARA COUNTY
PRIOR TO COMMENCION WORK AND FOR FINAL RESPECTION OF WORK AND STECHIEFLAND REPORT, AND STEEL SHALL COUNTY SHALL BE MADETED IN REPORTION,
INSPECTION BY SANTA CLARA COUNTY SHALL BE MADETED IN REPORTION OF
COMPLIANCE WITH EARLY SEPTION BEST DOOR NOT INCLUDE
COMPLIANCE WITH EARLY SEPTION BEST DOOR OF TO INCLUDE
COMPLIANCE WITH EARLY SEPTION BEST DOOR OF TO INCLUDE
COMPLIANCE WITH EARLY SEPTION BEST DOOR OF TO INCLUDE
COMPLIANCE WITH COMPLIANCE SHALL COUNTY LAND EXCELLINEST REPORT OF FROM THE COUNTY LAND EXCELLINEST REPORT OF THE OWN THE COUNTY LAND EXCELLINEST REPORT OF THE OWN THE

SITE PREPARATION (CLEARING AND GRUBBING) EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE AS EXIL OF A STANDARD BY A STAND

LLOWS: A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO

PHOPOSED ROADWAYS (EITHER PROVATE OR TO BE DEDICATED TO PUBLIC USE)

B) FROM MERAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE NOTED ON THE FLANS.

IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OSSTRUCTIONS IN THE WAY OF CONSTRUCTION. JTILITY LOCATION, TRENCHING & BACKFILL

UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES.

ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING UNDERGROUND CONDUITS OF FACILITIES SHALL BE THE INDIVIDUAL CONTRACTORS RESPONSIBILITY. PLAN LOCATIONS ARE APPROXIMATE AND FOR CONTRACTORS RESPONSIBILITY.

THE STATE VERRICATION AS TO SIZE, LICATION, THE ROYOUGH, AND ROPERFORM CONTROLLED SHALL BE IT ROYOUGH, AND ROPERFORM CONTROLLED SHALL BE IT READ OF THE THE STATE OF THE STATE

REINFORCED CONCRETE AND CONCRETE MASCHRY UNIT RETAINING WALLS SHALL PORTLAND CEMENT CONCRETE HAVE FOUNDATION AND REINFORCED STATE COUNTY EMPRESSION OF CONCRETE USED FOR STRUCTURAL PURPOSES SHA REPETION AND INCREMENT OF RECORD FROM TO FOUNDATION HE FOUNDATION AND CONCRETE USED FOR STRUCTURAL PURPOSES SHA FORMING THE WALL.
SEGMENTAL BLOCK RETAINING WALLS SHALL HAVE FOUNDATION AND
BENIEFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR

GRADING

ENERAL CONDITIONS

ALL CONSTRUCTION DOES ARE PERFORMED IN ACCORDANCE WITH THE

SOLE AND/OR GUTCH-HOLD, REPORT PERFORMED BY DIMPONDERITH, HEALTH

SUPPLICATION OF A VERIFICATION OF A SOLE, THE GOOD AND ADDRESS AND ADDR

OCOT E OTHER	oc 2								
				DUANTITIE					
DESCRIPTION	EARTHW	ORK QT	ALL	EARTHW		MAXIMUM DEPTHS			
		ALL		MINUS					
	CUT (-)	FILL (+)	EXEMPT	CUT (-)	FILL (+)	CUT (FT)	FILL (FT		
RESIDENCE	714 C.Y.	131 C.Y.	YES			-8.6 FT	10.0 FT		
DRIVEWAY	28 C.Y.	490 C.Y.	NO	28 C.Y.	490 C.Y.	-3.5 FT	8.8 FT		
FRONT STAIRS		408 C.Y.	NO	36 CY	294 CY	-0.3 FT	9.1 FT		
TOTALS ALL:	787 C.Y.	983 C.Y							
	TO	STALS MINU	S EXEMPT:	64 C.Y.	784 C.Y.				
IMPORT/EXPORT:	55	C.Y.		720	C.Y.				
IMPORT/EXPORT:									

NOTE: FILL VOLUMES INCLUDE 20% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP DICESS MATERIA, SHALLE OF HAULED TO A COUNTY APPROVED DUMP

JOHN TO SUS DEMERET THE (2) DAYS PRORE TO COMMENCENT OF ANY

GRADIEN BOOK TO CORPORANTE HE WORK IN THE FIELD.

PROPER IT IS RECOUNTED TO THE STATE OF THE SUS EXCHANGE

THE FIRST HE TO THE SUSPEADE SUS SHALLE SCAPPED, MOSTINE

THE FIRST HE TO THE SUSPEADE SUS SHALLE SCAPPED, MOSTINE

THE FIRST HE SUSPEADE SUS SHALLE SCAPPED, MOSTINE

FIRST HE COUNTY EXCHANGE THE THE SUSPEADE AND APPROVED

THE CONTROL THE SUSPEADE STATE OF THE RECOUNTY

THOMSER FOR BUILDING COUNTY DAYS PROPE COMMENTOR

TO THE CONSTRUCTION OF ANY PAYOR DEFENDE AND APPROVED

TO THE CONSTRUCTION OF ANY PAYOR DAYS.

TO THE CONSTRUCTION OF ANY PAYOR DAYS.

TO THE CONSTRUCTION OF ANY PAYOR DAYS.

TO THE CONSTRUCTION OF THE STATE CANADA SPECIAL PROPE.

TO THE SOMETICE OF THE SANTA CAMAD COUNTY GRADIES OFFICIAL

TO THE SANTA CAMAD COUNTY GRADIES OFFI

THE TOTAL SITURGED AND A FOR THE PRODUCT.

15. MOID NO.

16. HIE INSPECTOR MAY VERIFY THAT A VILLD NOTICE OF INTENT (NOI) HAS BEEN ISSUED BY HE STATE AND THAT A CURRENT AND UP TO DATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS AVAILABLE ON SITE.

TREE PROTECTION

TREE PROTECTION

1. FOR ALL RESETS OR RETAINED WITH A CANOPY IN THE DEVELOPMENT AREA OR INTERFACES WITH HE LIMITS OF GRADING FOR ALL PROPOSED THE AREA OR INTERFACES WITH HE LIMITS OF GRADING FOR ALL PROPOSED THE AREA OF THE PROTECTION PROMOTED AND RELIGIOUS OF THE COUNTY OF THE STRUCTURE SHAPE OF THE COUNTY OF TH

ACCESS ROADS AND DRIVEWAYS

DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WITH 2.
 CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6
 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES

CONTENIES STATEMENT THE MATERIAL AMPROACH SOUTH OF 0'T 1/4 BOSES
FOR FOOTH WITH AMERICAN AMPROACH SOUTH OF 0'T 1/4 BOSES
FOR FOOTH OF THE STATEMENT THE FORTH OF THE STATEMENT THE FOOTH OF THE FOOTH OTHER OF THE FOOTH OF THE FOOTH OF THE FOOTH OTHER OTHER OF THE FOOTH OTHER OT

STREET LIGHTING

PACIFIC GAS & ELECTRIC ELECTROLER SERVICE FEE SHALL BE PAID BY THE DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE.

SANITARY SEWER

THE SANITARY SEMER AND WATER UTILITIES SHOWN ON THESE PLANS ARE
NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY.

GEOTECHNICAL ENGINEER OBSERVATION

CONCRETE USED FOR STRUCTURAL PURPOSES SHALL BE CLASS "A" (6 SACK PER OUBIC "ARD) AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. CONCRETE PLACED MUST DEVICE OF ANIMAUM STRENGTH FACTOR OF 2800 PSI IN A SEVEN-DAY PERIOD. THE CONCRETE MIX DESIGN SHALL BE UNDER THE CONTINUAL CONTROL OF THE CONTINUAL COUNTY INSPECTION.

AIR QUALITY, LANDSCAPING AND EROSION CONTROL

STORM DRAINAGE AND STORMWATER MANAGEMENT

NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE COUNTY ENGNEER TO PERFORM THE INSPECTION WORK. A REPRODUCIBLE COPYOF THE AS-BULLT PLANS MUST BE PURNISHED TO THE COUNTY ENGNEER AFTERCONSTRUCTION.

NOT PART OF THIS GRAUMEN JERMIN AND ARRESTITION OF STATES SHARE AND ARRESTITION OF STATES AND AR



COUNTY LOCATION MAP

_ABBREVATIONS

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS

SURVEY MONUMENT PRESERVATION THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONIMENTS AFFECTED BY CONSTRUCTION PERFEUDITION OF SURVEY MONUMENTS AFFECTIOR BY CONSTRUCTION ACTIVITIES.

ACTIVITIES.

ACTIVITIES.

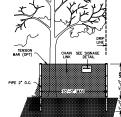
STACE, AND FLAG OR OTHERWISE IDENTIFY WITH PART OR OTHER MARRONS.

STACE, AND FLAG OR OTHERWISE IDENTIFY WITH PART OR OTHER MARRONS.

ALL PERMANENTS SURVEY MONUMENTS OF RECORD AND ANY UNECORPORD MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION ACTIVITY.

PROJECT SITE 0 Ridge Dr

VICINITY MAP



EXISTING TREE PROTECTION DETAILS

EXISTING TREE PROTECTION DETAILS

1. PRIOR TO THE COMMENCEMENT OF ANY GRADAN, THE PROTECTION FROMING

7. PRIOR TO THE COMMENCEMENT OF ANY GRADAN, THE PROTECTION FROM THE PROTECTION AND THE PROTECTION AND THE PROTECTION OF THE PR

COUNTY OF SANTA CLARA LAND DEVELOPMENT ENGINEERING & SURVEYING GRADING / DRAINAGE PERMIT NO. DATE:

NO WORK SHALL BE DONE IN THE COUNTY'S RIGHT-OF-WAY WITHOUT AN ENCROACHEMENT PERMIT, INCLUDING THE STAGING OF CONSTRUCTION MATERIAL AND THE PLACEMENT OF PORTABLE TOILETS. ENGINEER'S STATEMENT

ENCROACHMENT PERMIT NO.

AC = ASPHAT CONCRETE
AD = AREA DRAW
AC = ASPHAT CONCRETE
AD = AREA DRAW
BY = BROTTON OF SARE
BY = CONTROL OF SARE
BY = CONTROL
BY = BROTTON OF SARE
BY = BRO

I HERBBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED TEXTATIVE MAP (OR PLAN) AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED FILE(S) NO. CONDITIONS OF APPROVAL FERTIANING THERETO DATED FILE(S) NO. CONDITIONS OF APPROVAL FILE (N. 1025-160R, DATED 3/51/77

DATE 6/15/21

SIGNATURE
FILE R.C.E. NO.

THUNG.

= 10W POINT
PO = 10W POINT
PO = 90 ELEWITOM
PO =



EXPIRATION DATE

COUNTY ENGINEER'S NOTE

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITTEE OF ISSUANCE OF A PERMIT AND INTUINING ON THE CORRECTION OF PERSONS ON MISSIONS CONTINUED. THE MISSION CONTINUED IN THE CORRECTION OF PERSONS ON MISSIONS CONTINUED IN THE FURNITHE OF PLANS, IF, DURING HE COURSE OF CONTINUED IN THE FURNITHE CONTINUED IN THE FURNITHE COURSE OF CONTINUED IN THE FURNITHE COURSE OF THE AUTHORITY OF REPORT OF THE AUTHORITY OF THE AUTHORITY OF THE FURNITHE COURSE THE SUSPENCIATION OF WORK, AND THE NECESSARY MODIFICATION OF DEPARTURE AND TO SPECIFIE THE AUTHORITY OF THE SAME IS TO BE MADE.

DATE		
	CHRISTOPHER L. FREITAS	
	42107	3/31/21
	R.C.E. NO.	EXPIRATION DATE

AZTEC RIDGE DR **IMPROVEMENTS** LANDS OF LUBIVY

SCOPE OF WORK

THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF THE WORK PROPOSED ON THE EROSION CONTROL PLAN. THE ENGINEER OF RECORD IS RESPONSIBLE FOR THE DESION OF THE EROSION CONTROL PLANS AND ANY MODIFICATIONS OF THE EROSION CONTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION.

- CLEAR, GRUB AND GRADE THE SITE
- 2. CONSTRUCTION OF NEW RESIDENCE AND DRIVEWAY
- 3. CONSTRUCTION OF DRAINAGE FACILITIES
- 4. UNDERGROUND UTILITIES
- 5. LANDSCAPING

- x- x MATER JOHN THEMON HOUSE SERVICE SLOPE MATOR ENTRING CONTOUR PROPOSED CONTOUR DIRECTION OF SURFACE DIAMONGS SE SLOPE MAY FROM BUILDING

LEGEND

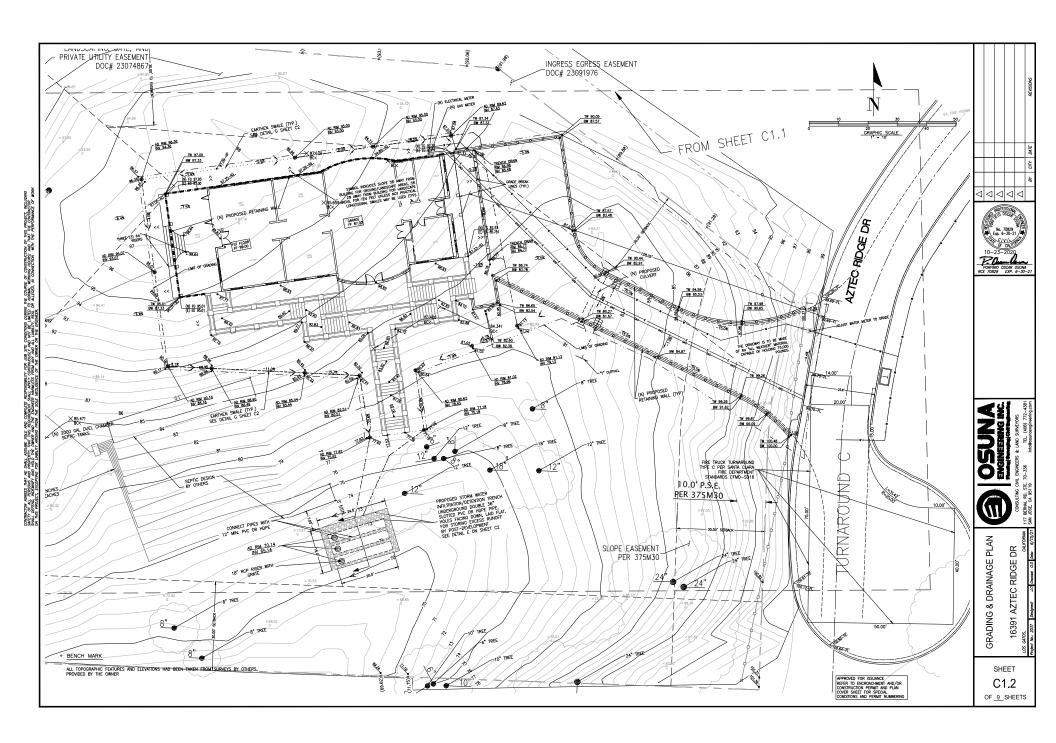
SHEET INDEX								
CO	TITLE SHEET GRADING AND DRAINAGE PLAN							
C1.1								
C1.2	GRADING AND DRAINAGE PLAN							
C1.3	EARTHWORK, CUT & FILL AREAS							
C2	CONSTRUCTION DETAILS							
C3.1	COUNTY BMP-1							
C3.2	COUNTY BMP-2							
C4	EROSION CONTROL PLAN							
C5	TRAFFIC CONTROL PLAN							
ENGINEER'S NAME: PORFIRIO OSCAR OSUNA								
PHON	ADDRESS: 117 BERNAL RD, #70-336 SAN JOSE, CA 95119 PHONE NO. 408-772-4381 EMAIL: info@osunaengineering.com							
Revisio Revisio	n 2	APN 532-26-098 Co. File	Sheet 1 of 9					

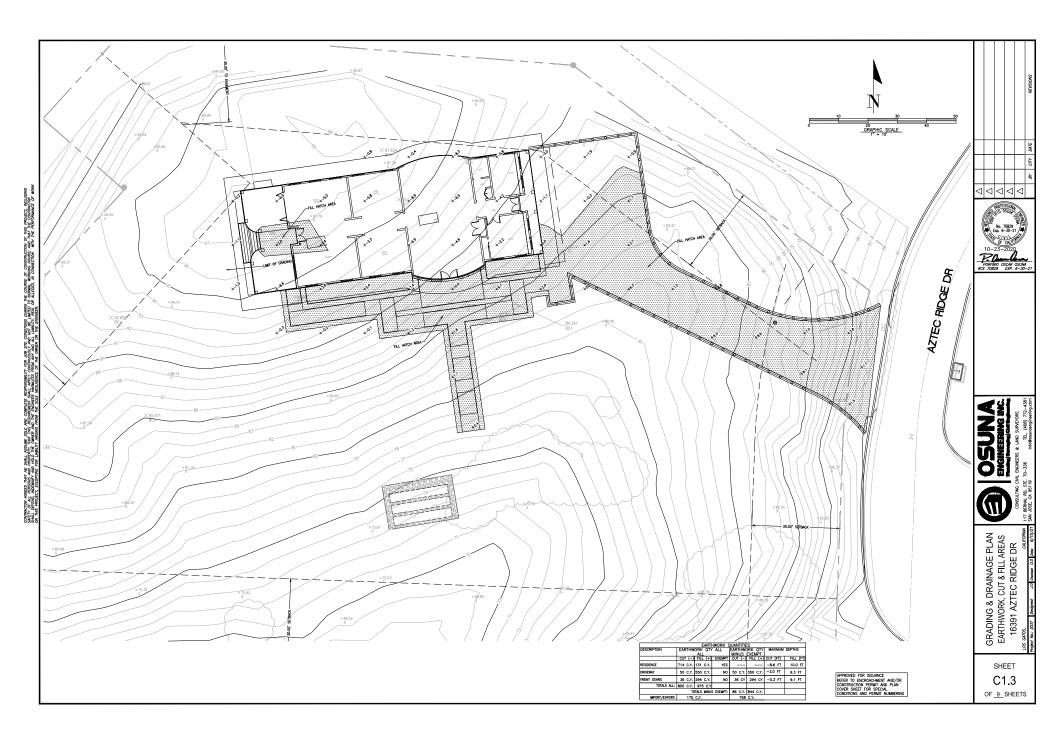
APPLICANT:

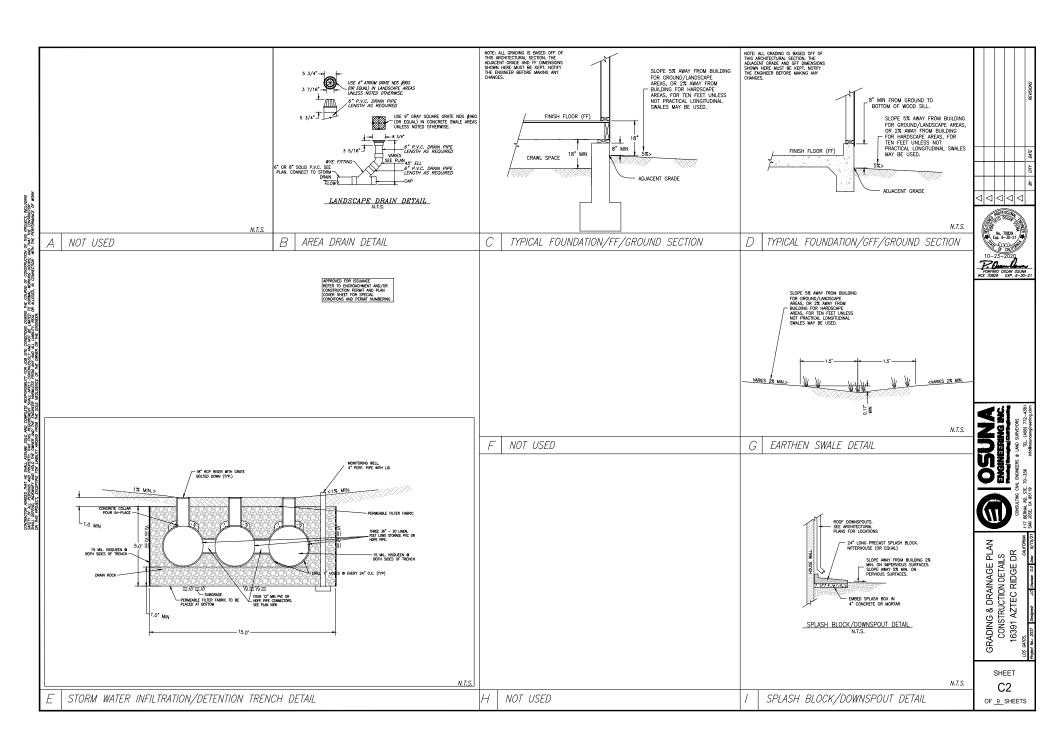
COUNTY FILE NO.: _______

ROAD:____

I AND THE RESIDENCE OF LOGICAL TO SERVICE OF THE PROPERTY OF T







TOWNINGTRY REASON, ME NOWE SELL AND COMPETE RESPONSANT FOR ADMINISTRY DESCRIPTION FOR CONTINUENT OF THE SPONSET, MICHORY WILLIAM WILLIAM SECONS AND PROPERTY THAT THE SEQUENCE TO ADMINISTRY DESCRIPTION OF THE SEQUENCE OF THE SECONS AND PARTY OF TH

STANDARD BEST MANAGEMENT PRACTICE NOTES

- 1. Solid and Demolition Waste Management: Provide designated waste collection areas and containers on site away from streets gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or
- Hazardous Waste Management: Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable mate Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
- 3. Spill Prevention and Control: Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and substances, away from streets, guters, storm drams, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest.
- 4. Vehicle and Construction Equipment Service and Storage: An area shall be designated for the maintenance, where on-site maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures is protected from stormwater run-on and runoft. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or
- 5. Material Delivery, Handling and Storage: In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
- 6. Handling and Disposal of Concrete and Cement: When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to
- 7. Payement Construction Management: Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest
- 8. Contaminated Soil and Water Management: Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may the specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or
- 9. Sanitary/Septic Water Management: Temporary sanitary facilities should be located away from drainage paths. waterways, and traffic areas. Only licensed sanitary and septiwaterways, and traitic areas. Only incensed saintary and sepi waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or
- 10.<u>Inspection & Maintenance</u>: Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified

1. Sediment Control Management:

Tracking Prevention & Clean Up: Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or, more frequently as determined by the County Inspector Refer to Frosion & Sediment Control Field Manual

All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber roles or staked silt fences can be used. Inlet filters are not allowed due to

allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.

soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.

- all disturbed areas must include an effective combination of crosion and sediment control. It is required that temporary crosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, crosion control
- 3. Inspection & Maintenance: Disturbed areas of the Inspection & Manthemanic Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/ or alternative control measures implemented immediately, within 24 hours of the problem being identified.
- Project Completion: Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
- 5. It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
- Erosion and sediment control best managemen practices shall be operable year round or until vegetation is fully established on landscaped

STANDARD EROSION CONTROL NOTES

4th Edition (pages B-31 to B-33) or latest. Storm Drain Inlet and Catch Basin Inlet Protection:

clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.

Storm Water Runoff: No storm water runoff shall be

Dust Control: The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed

Stockpiling: Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures(tarps, straw bales, silt fences, ect.) to ensure silt does not leave the site or enter the storm drain system or neighboring

2. Erosion Control: During the rainy season measures must be applied sufficient to control wind erosion at the site.

Information Project]

Best Management Practices and Erosion Control Details Sheet 1 County of Santa Clara



BMP-1

REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL

alalalalal

GRADING & DRAINAGE PLAN COUNTY BMP-1 16391 AZTEC RIDGE DR

SHEET C3.1

OF 9 SHEETS

County of Santa Clara

AND STATE OF THE SHIP ASSESSMENT AS AND COMPACT AND STATE CONTINUES CONTINUES OF CONTINUENCE THE PROJECT INCLUDING WE ARREST THE STATE OF CONTINUENCE OF THE PROJECT INCLUDING WE ARREST TO A THE PROJECT INCLUDING OF THE CONTINUENCE OF THE PROJECT INCLUDING OF THE CONTINUENCE OF THE PROJECT INCLUDING OF THE PROJECT INCLUDING OF THE CONTINUENCE OF THE CONT



GRADING & DRAINAGE PLAN COUNTY BMP-2 16391 AZTEC RIDGE DR

SHEET C3.2 OF 9 SHEETS ON THE SENSON DESIGNATION OF CHAIRM SENSON THE SENSON OF T

Notes for Figure 6H-6—Typical Application 6 Shoulder Work with Minor Encroachment

Guidance:

- 1. All lanes should be a minimum of 10 feet in width as measured to the near face of the channelizing devices.
- The treatment shown should be used on a minor road having low speeds. For higher-speed traffic conditions, a lane closure should be used.

Option:

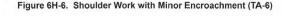
- For short-term use on low-volume, low-speed roadways with vehicular traffic that does not include longer and wider heavy commercial vehicles, a minimum lane width of 9 feet may be used.
- 4. Where the opposite shoulder is suitable for carrying vehicular traffic and of adequate width, lanes may be shifted by use of closely-spaced channelizing devices, provided that the minimum lane width of 10 feet is maintained
- 5. Additional advance warning may be appropriate, such as a ROAD NARROWS sign.
- 6. Temporary traffic barriers may be used along the work space.
- 7. The shadow vehicle may be omitted if a taper and channelizing devices are used.
- 8. A truck-mounted attenuator may be used on the shadow vehicle.
- For short-duration work, the taper and channelizing devices may be omitted if a shadow vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
- Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

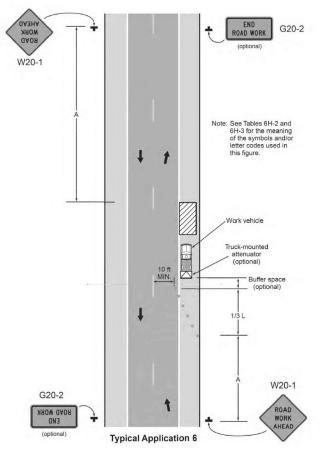
Standard:

- 11. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.
- 12. Shadow and work vehicles shall display high-intensity rotating, flashing, oscillating, or strobe lights.
- 13. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

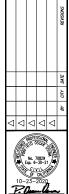
Guidance:

- 14. All advance warning signs should be placed so that the path of travel for bicycles is not blocked, while maintaining visibility for road users.
- 15. When existing accommodations for bicycle travel are disrupted or closed in a long-term duration project (see Section 66.02) and the roadway width is inadequate for allowing bicyclists and motor vehicles to travel side by side, the Bicycle Warning (W11-1) sign and the SHARE THE ROAD (W16-1P) plaque should be used to advise motorists of the presence of bicyclists in the travel way lanes.
- 16. Except for short durations and mobile operations, when a highway shoulder is occupied and bicyclists would be sharing a lane with vehicular traffic, as a result of the TTC zone, speed reduction countermeasures should be used to reduce traffic speeds in the TTC zone. Refer to Sections 6C.01 and 6D.03.
- 17. Except for short durations and mobile operations, when a highway shoulder is occupied and bicyclists would be sharing a lane with vehicular traffic, as a result of the TTC zone, before narrowing the outside lane other measures such as widening the outside shoulder to allow bicyclists and motor vehicles to travel side by side through the TTC zone should be considered.
- 18. If traffic volumes make it feasible, the two left lanes should be merged into one lane to avoid using the shoulder as a traveled way lane and allowing continued use for emergency purposes and bicycle travel.
- 19. When existing accommodations for bicycle travel are disrupted or closed in a long-term duration project (see Section 6G.02) and the roadway width is inadequate for allowing bicyclists and motor vehicles to travel side by side, a separate path should be considered for bicyclists.





\Box													
		Ш		\perp	COUNT	COUNTY C	OF SANTA CLARA ROAD	S AND AIRPORTS DEPARTMENT	STANDARD TRAFFIC CONTROL DI AND I COM				DRAWING No.
\vdash		Н		+	SYNUM S		SUBMITTED:	APPROVED:	STANDARD TRAFFIC CONTROL PLANS - LOCAL SHOULDER WORK				
\vdash		\vdash		+	1	5	5-2015						
\vdash		Н		+		DESIGNED	5-2015						mir vi
\vdash		\vdash		+	Total State of the	DRAWN	5-2015 DATE						Sell No.
L					WY CLAS		5-2015		WORK CROER No.	ADVERTISEMENT DATE:	CONTRACT No.	FILE No.	Scale
NO.	REVISIONS	BY	DATE	APP'D		CHECKED	DATE		XX	house one office of the same o		90000000	10000







GRADING & DRAINAGE PLAN
TRAFFIC CONTROL PLAN
16391 AZTEC RIDGE DR

SHEET

C5

OF 9 SHEETS

