Exhibit A

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DRAFT RESOLUTION

Before the Planning Commission in and for the County of Monterey, State of California

In the matter of the application of: DOLORES PASS LLC (PLN220117) RESOLUTION NO. 23 ---

Resolution by the Monterey County Planning Commission:

- 1. Finding that the project qualifies for a Class 3 Categorical Exemption pursuant to CEQA Guidelines section 15303, and none of the exceptions from section 15300.2 apply to the project; and
- 2. Approving a Combined development Permit consisting of a:
 - a. Coastal Administrative Permit and Design Approval to allow demolition of a 367 square foot detached garage and the remaining foundation of a demolished singlefamily residence; the construction of a 3,817 square foot single family dwelling, inclusive of a 420 square foot garage and 169 square foot basement, and associated site improvements, including the removal of 8 non-protected native trees;
 - b. Coastal Development Permit to allow removal of 6 trees, consisting of 3 landmark Monterey pine and 3 Coast live oak;
 - c. Coastal Development Permit to allow development on slopes in excess of 30%; and
 - d. Coastal Development Permit to allow development within 750 feet of known archaeological resources.

[PLN220117, Dolores Pass LLC, 24726 Dolores Street, Carmel, Carmel Area Land Use Plan, Coastal Zone (APN: 009-111-008-000)]

The Dolores Pass LLC application (PLN220117) came on for a public hearing before the Monterey County Planning Commission on October 25, 2023. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony, and other evidence presented, including the conditions of approval and project plans, the Monterey County Planning Commission finds and decides as follows:

FINDINGS

1. FINDING: CONSISTENCY – The project and/or use, as conditioned, is consistent with the applicable policies of the 1982 Monterey County General Plan, Carmel Area Land Use Plan, and Monterey County Coastal Implementation Plan (Part 4); the Coastal Zoning Ordinance (Title 20); and other County health, safety, and welfare ordinances related to land use development.

EVIDENCE: a) The project has been reviewed for consistency with the text, policies, and regulations in the:

- 1982 Monterey County General Plan;
- Carmel Area Land Use Plan (Carmel Area LUP);
- Monterey County Coastal Implementation Plan, Part 1, Zoning Ordinance (Title 20); and
- Monterey County Coastal Implementation Plan, Part 4, Regulations for Development in the Carmel Area Land Use Plan Area (Carmel Area CIP).

No inconsistencies with the text, policies, and regulations in these documents were identified. Planning staff did not receive public comment throughout the course of review of this application.

- b) <u>Allowed Uses.</u> The proposed project is located at 24726 Dolores Street, Carmel within the Carmel Area Land Use Plan in unincorporated Monterey County. The property is zoned Medium Density Residential with a maximum Density of 2 units an acre and a Design Control overlay, Coastal Zone [MDR/2-D(CZ)]. MDR Zoning allows the development of the first single-family dwelling on a lot as principally allowable uses subject to approval of a Coastal Administrative Permit (Title 20 section 20.12.040.A). Consistent with sections 20.146.060, 20.146.090, of the Carmel Area CIP, additional Coastal Development Permits have been applied to this project to address the proposed tree removal and proximity to a known archaeological resource. A Coastal Development Permit has been applied pursuant to Title 20 section 20.64.230 to allow development on slopes over 30%.
- c) Lot Legality. The lot is shown in its current size and configuration as Lot 4 on the Carmel Woods in Volume 3, pg. 21 of "Cities and Towns". This map was filed on June 9th, 1922 with the County of Monterey Recorder. While this map was recorded prior to August 14, 1929 (previous iterations of statewide subdivision legislation did not regulate the "design and improvement of subdivisions"), there are statements on the map by the City Engineer and City Assessor of Carmel-by-the-Sea stating that "each and every block therein has been carefully examined as to its value for residential purposes and that all of said land is suitably for residential purposes" and "that the map in all respects and the streets thereon are proper." This indicates official review of the subdivision and lot design, which was found to meet the review criteria in place at the time. On October 26, 2018 notified the property owner at that time that the County had determined that Lot 4 was a legal lot of record and gualified for an unconditional certificate of compliance (PLN180465). Therefore, the County recognizes this parcel as a

legal lot of record.

- d) <u>Development Standards.</u> The development standards for the MDR zoning are codified in Title 21 section 21.12.060, which cross references to the regulations for parking in Chapter 20.58. The project is consistent with all these development standards as detailed in Evidence "e" through "i" below.
- e) <u>Setbacks.</u> Main structures are required to have a minimum 20 foot front setback, 5 foot side setbacks, and a 10 foot rear setback. The proposed 20 foot front setback and 5 foot south side setback comply with this minimum. The north side and rear setbacks are not dimensioned, but exceed the minimum requirements are shown on sheet A1 of the project plans attached to this resolution.
- f) <u>Height.</u> The maximum allowable height for main structure is 30 feet from average natural grade, while the proposed height of the residence is 28 feet and 2 inches.
- g) <u>Coverage.</u> The maximum allowable building site coverage is 35 percent (2,842 square feet), while the proposed coverage is 33.6 percent (2,730 square feet).
- h) <u>Floor Area.</u> The maximum allowable floor area is 45 percent (3,654 square feet), while the proposed floor area is 44.9 percent (3,648 square feet). The project does include a 169 square foot basement which is not counted toward the floor area ratio development standard, as the definition in Title 20 section 20.06.564 excludes "areas of enclosed floor space constructed and maintained entirely below ground".
- i) <u>Parking.</u> The required parking for a single-family residence is two spaces, at least one of which must be covered in the MDR zoning. The project proposes two covered spaces in the garage.
- j) <u>Visual Resources and Design.</u> The site is subject to the regulations of the Design Control "D" zoning district, which establishes design review requirements to assure protection of the public viewshed and neighborhood character, the Carmel Area Land Use Plan (LUP) policies protecting scenic resources, and their implementing regulations in the Monterey County Coastal Implementation Plan (CIP), part 4. The project is consistent with these policies and regulations as detailed in subsequent Evidence "k" through "n" below.
- k) The proposed colors and materials include black window and door frames, a black standing seem metal roof, warm grey wood siding, warm grey open face stone cladding, a four foot tall natural wood grape stake fence, and a grey smooth coat stucco. These materials, in particular the wood and stone, have a natural appearance and blend the building into its surroundings in accordance with CIP section 20.146.030.C.1.c. The natural wood fence and the grove of existing trees in front of the house further screen and subordinate the residence to the surrounding environment.
- Consistent with the Carmel Area LUP, the property was staked and flagged to provide a preview of the proposed development and any potential visual impacts. The planner conducted a site visit on October 4, 2023 and did not identify any visual impacts. The surrounding neighborhood is a mix of one and two story

residential development, principally single-family residences. A variety of styles are present, and hip and gable roof forms feature prominently in the neighborhood. The proposed project is a two-story residence with gabled roof forms, consistent with this pattern of development.

- m) The proposed exterior lighting, depicted on sheets A5 and A6 of the project plans attached to this resolution, is downlit and unobtrusive in accordance with CIP section 20.146.060.C.1.d.
- n) Existing tree and vegetation removal has minimized to the extent feasible, as discussed in the Finding 5 below, ensuring consistency with CIP section 20.146.060.C.1.e.
- o) <u>Cultural Resources.</u> The project site is located within a high sensitivity area for archaeological resources and within 750 of a known archaeological resource. Due to this proximity, an archaeological investigation was conducted, and a report of the findings was prepared for this project. The archaeological report was negative for artifacts, resources or indicators of archaeological significance; therefore, no further investigation was warranted. See Finding No. 4.
- p) <u>Tree Removal.</u> The project includes removal of 14 trees, consisting of 3 landmark Monterey pine, 10 Coast live oak, and 1 Redwood tree. Of these, the 3 landmark Monterey pine and 3 of the Coast live oak require a Coastal Development Permit to remove, as they are greater than 12 inches in diameter. Overall the tree removal is consistent with the Carmel Area Land Use Plan policies protecting Forest Resources and their implementing regulations in the Monterey County Coastal Implementation Plan, as detailed in Finding No. 5. In summary the tree removal is the minimum under the circumstances and all 14 removed trees will be replaced on a 1:1 basis, keeping with the Forester's recommendations.
- q) <u>Development on Slopes.</u> The project includes development on slopes in excess of 30%, for a portion of the home and postconstruction stormwater treatment measures. There is no alternative to development on slopes for the proposed home, while installation of the stormwater treatment system better meets the Monterey County Coastal Implementation Plan regulations regarding drainage in the Carmel Area Land Use Plan. See Finding No. 6.
- r) <u>Land Use Advisory Committee</u>. The Carmel Highlands/Unincorporated Land Use Advisory Committee reviewed the project a at their July 17, 2023 meeting and recommended approval as proposed. Comments at the LUAC related to the turn area of the driveway access, that there is development on slopes in excess of 30% as part of the proposed project, that the project could be a speculative development, and how removed trees would be replanted on a 1:1 basis. The applicants' representatives were at the meeting and addressed the questions to the LUACs satisfaction. No issues remained.
- s) County staff conducted a site visit on October 4, 2023, and reviewed aerial imagery of the property, to verify that the

proposed project conforms to the applicable plans and regulations.

- t) The application, project plans, and related support materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in Project File PLN220117.
- 2. FINDING: SITE SUITABILITY The site is physically suitable for the proposed development and/or use.
 - **EVIDENCE:** a) The project has been reviewed for site suitability by the following departments and agencies: HCD-Planning, HCD-Engineering Services, HCD-Environmental Services, Cypress Fire Protection District and Environmental Health Bureau. County staff reviewed the application materials and plans, as well as the County's GIS database, to verify that the project conforms to the applicable plans, and that the subject property is suitable for the proposed development. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Recommended conditions have been incorporated.
 - b) The following technical reports have been prepared for the proposed project to analyze potential impacts to archaeological, biological, and forest resources, and to assess the geologic suitability of the site for the proposed development:
 - "Archaeological Investigation" (LIB230013) prepared by Kaitlin Ruppert, Monterey, CA, November 4, 2022.
 - "Biological Resource Evaluation" (LIB230014) prepared by Janet Walther, Monterey, CA, November 1, 2022.
 - "Tree Resource Assessment Management Plan" (LIB230012) prepared by Frank Ono, Pacific Grove, CA, September 1, 2021 together addendum dated April 10, 2023.
 - "Geology Report" (LIB230009) prepared by Robert Barminski, Hollister, CA, October 18, 2022.
 - "Geotechnical Investigation for the Proposed Two-story Single Family Residence with Attached Garage" (LIB230015)

prepared by Belinda Taluban, Salinas, CA, November 4, 2022 The reports indicated that there are no physical or environmental constraints that would indicate that the site is not suitable for the use proposed. County staff has independently reviewed these reports and concurs with their conclusions. All development shall be in accordance with these reports.

- c) County staff conducted a site visit on October 4, 2023 to verify that the site is suitable for this use.
- d) The application, project plans, and related support materials submitted by the project applicant to the Monterey County HCD-Planning for the proposed development found in Project File PLN220117.

3. FINDING: HEALTH AND SAFETY – The establishment, maintenance, or operation of the project applied for will not under the circumstances of this particular case be detrimental to the health, safety, peace, morals, comfort, and general welfare of persons residing or working in the neighborhood of such proposed use, or

be detrimental or injurious to property and improvements in the neighborhood or to the general welfare of the County.

- **EVIDENCE:** a) The project was reviewed by HCD-Planning, HCD-Engineering Services, HCD-Environmental Services, Cypress Fire Protection District and the Environmental Health Bureau. Recommended conditions have been incorporated, where appropriate, to ensure that the project will not have an adverse effect on the health, safety, and welfare of persons either residing or working in the neighborhood.
 - Necessary infrastructure is available to serve the development. b) The applicant submitted can and will serve letters from the California American Water Company (Cal Am) and the Carmel Area Wastewater District (CAWD) verifying their capability to provide potable water and sewer service to the property. The site is within the boundaries of the Monterey Peninsula Water Management District (MPWMD). An MPWMD residential release form was submitted which showed how the existing water fixtures from the demolished single-family residence would be credited toward the construction of the single-family residence approved under PLN220118. To make up the difference in allowable water use, the applicant purchased a Malpaso Water Company Water Entitlement equivalent to 0.24 acre-feet of water (Document No. 201805240), which is sufficient to construct a new single-family residence. The property has access off of Dolores Street. As the project is proposing demolishing the existing detached garage and altering the driveway onto Dolores, Condition No. 13 is incorporated which requires the applicant submit the driveway encroachment design to Public Works, Facilities, and Parks (represented by HCD-Engineering Services) for review and approval.
 - c) In accordance with Monterey County Coastal Implementation Plan section 20.146.080.B., geological and geotechnical reports were prepared to assess the geological suitability of the site for the proposed development and if it would be impacted by any geologic hazards. The geologists report concluded that the home should have an engineered foundation and that proper channeling of drainage and stormwater runoff would be important in maintaining the integrity of the property. The geotechnical report concluded the site was suitably for the proposed use provided that loose soil is scarified and compacted as recommended in the report, and included recommendations for foundation and retaining wall design. The civil engineer, C3 engineering, incorporated on-site stormwater treatment with a storm drain line feeding into an onsite infiltration chamber running parallel to the western property line.
 - d) The application, plans, and supporting materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in HCD-Planning File PLN220117.
- 4. FINDING: CULTURAL RESOURCES The project is consistent with the Carmel Area Land Use Plan policies protecting Cultural

Resources and their implementing regulations in the Monterey County Coastal Implementation Plan (CIP), Part 4.

- **EVIDENCE:** a) Pursuant to Carmel Area CIP section 20.146.090, a Coastal Development Permit has been applied to this project because the project site is within 750 feet of known cultural resources.
 - b) An Archaeological Investigation (LIB230013) was prepared for this property pursuant to CIP section 20.146.090.B. The results of the site survey and archival research from the Northwest Information Center (NWIC) were negative for onsite resources, artifacts, or indicators of archaeological or cultural significance. Due to these results, the archaeologist found further investigation was not warranted.
 - c) However, due to the known sensitivity of the area, as a precaution, the archaeologist recommended tribal monitoring and construction worker training. In accordance with Carmel Area CIP section 20.146.090.D.2.a, these recommendations have been implemented as a Notice of Report via Condition No 10.
 - d) The application, plans, and supporting materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in HCD-Planning File PLN220117.
- 5. FINDING: TREE REMOVAL The tree removal is consistent with Carmel Area Land Use Plan policies protecting Forest Resources, and their implementing regulations in the Monterey County Coastal Implementation Plan, Part 4, Regulations for Development in the Carmel Area Land Use Plan.
 - **EVIDENCE:** a) The project proposes removal of 14 trees, consisting of 3 landmark sized Monterey pine, 10 Coast live oak, and 1 Redwood tree.
 - b) Tree removal in the Carmel Area Land Use Plan requires a Coastal Development Permit unless the removal falls under the exemptions detailed in CIP section 20.146.060.A.1. In this case, the thinning of small (less than 12 inches in diameter) trees does not require a Coastal Development Permit pursuant to CIP section 20.146.060.A.1.c., so the 8 trees less than 12 inches in diameter do not require a permit to remove. Allowing the removal of the other 6 requires a Coastal Development Permit. Additionally, 3 of the Monterey pine are landmark trees, being greater than 24 inches in diameter, and development standard 20.146.060.D.1 prohibits the removal of landmark trees unless the decision-making body finds that the trees are not visually or historically significant and there no alternatives whereby the tree removal can be avoided.
 - c) <u>Forest Management Plan.</u> A Forest Management Plan (LIB230012) was prepared by Frank Ono to assess the proposed removal and provide recommendations to preserve overall forest health as required by CIP section 20.146.060.B.
 - d) <u>Landmark Trees.</u> In accordance with CIP section 20.146.060.D.1., the 3 landmark Monterey pine (Tree #114, #115, and #128) are not visually or historically significant, and there are no alternatives whereby their removal can be avoided. Tree #128 is within the footprint of the proposed residence near the southern property line, and attempting to re-site the home further north would both impact

a landmark Redwood tree and entail additional development on slopes in excess of 30%. Tree #115 is within the retaining walls for the main residence. These walls are necessary to retain a surcharge, as the property slopes away from the street, with an approximate eight foot change in elevation from the street pavement to the finish floor of the residence. Tree #114 has a lean with two longitudinal fissures, and would be destabilized by any excavation around its base. As the grading for the project involves re-contouring the site in this area for the driveway and entrance path, excavation around the base of this tree would be unavoidable, making its removal unavoidable.

- e) The project is consistent with CIP section 20.146.060.D.3 and 4, that removal of native trees be limited to those necessary for the proposed development or required for the overall health and long-term maintenance of the forest, as verified in the Forest Management Plan. Trees #117, #118, #122, #123, #124, #125, #132, and #133 are all in the development footprint of the proposed residence. Tree #119 is not in the immediate footprint of the residence, however, it is in poor health and near the excavation area for the retaining walls for the house. Trees #129 and #135 are outside of the immediate development footprint, however both are in poor health, #135 is unstable, and are recommended to be removed by the forester.
- f) <u>Tree Replacement.</u> CIP section 20.146.060.D.6. requires replacement on a 1:1 basis of all trees greater than 12 inches in diameter, which would be 6 trees. Typically the County has required replacement of landmark trees on a 2:1 basis, which would require 9 replacement trees. However, the forester recommended a replacement ratio of 1:1 for all proposed tree removal to maintain forest health, totaling 14 trees. While this exceeds typical replacement requirements, keeping with the forester's recommendation this 1:1 replacement ratio is incorporated as Condition No. 11.
- g) The application, plans, and supporting materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in HCD-Planning File PLN220117.

6. FINDING: DEVELOPMENT ON SLOPES – There is no feasible alternative which would allow development to occur on slopes of less than 30% and, as sited, the project better achieves the goals and policies of the Monterey County Local Coastal Program.

- **EVIDENCE:** a) The proposed project includes development on slopes in excess of 30%. 279 square feet of this slope development is to site the proposed single-family residence. Additionally, the grading and trenching along the northwest of the site to install a 6 inch storm drain line and associated on-site stormwater treatment chamber is partially on slopes in excess of 30%, and would disturb approximately 430 square foot of slopes in excess of 30%.
 - b) Title 20 section 20.64.230 prohibits development on slopes in excess of 30% unless a finding can be made that either there is no feasible alternative which would allow development to occur on

slopes of less than 30%; or the proposed development better achieves the goals, policies and objectives of the Monterey County Local Coastal Program than other development alternatives.

- c) For the construction of the residence, there is no alternative to avoid the development on slopes. This 279 square foot area is located roughly in the center of the property. The home cannot be sited further south or east while maintaining required setbacks, and moving the home north or west would increase the area of development on slopes in excess of 30%.
- d) The installation of the post-construction stormwater control measures that are partially sited on slopes on the northwest of the site better achieves the policies and goals of the Monterey County Local Coastal Program. CIP section 20.146.050.E.4.e.10.e. requires that on-site drainage be designed to accommodate increased runoff resulting from site modification, the installation of the stormwater control devices ensures consistency with this development standard. This sloped area is also located in the far northwest corner of the site where it wouldn't be viewable from any public vantage points, so it's preservation would not protect scenic resources, which is part of the justification for limiting slope development as detailed in CIP section 21.146.030.C.1.a.
- e) The application, plans and supporting materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in Project File PLN220117.
- 7. FINDING: NO VIOLATIONS The subject property complies with all rules and regulations pertaining to zoning uses, subdivision, and any other applicable provisions of the County's zoning ordinance. No violations exist on the property.
 - **EVIDENCE:** a) Staff reviewed Monterey County HCD-Planning and HCD-Building Services records and is not aware of any violations existing on the subject property.
 - b) County staff conducted a site visit on October 4, 2023 and did not identify any code violations on the property.
 - c) The application, plans and supporting materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in Project File PLN220117.
- 8. FINDING: CEQA (Exempt) The project is categorically exempt from environmental review and no unusual circumstances were identified to exist for the proposed project.
 - **EVIDENCE:** a) CEQA Guidelines section 15303 exempts the new construction or conversion of a limited number of small structures, including a new single-family dwelling in a residential zone.
 - b) As the construction of a new single-family residence with associated site improvements in a residential zoning district, the project fits the criteria of this exemption.
 - c) None of the exceptions for categorical exemptions detailed in CEQA Guidelines section 15300.2 apply to the project, as detailed in subsequent Evidence "d" through "i".
 - d) The project is not located in an area that is mapped as an

environmental resource of hazardous or critical concern by a local, state, or federal agency.

- e) The project, construction of a single-family residence and associated site improvements on a property zoned to allow such uses and without potentially significant impacts, would not contribute to a potential cumulative impact.
- f) There are no unusual circumstances associated with the project that would cause a potential environmental impact.
- g) The nearest scenic highway is Highway 1, which is approximately 0.58 east of the site. However, the project is not within view of the highway due to distance and intervening development and vegetation.
- h) The project is not located on a hazardous waste site compiled pursuant to Section 65962.5 or the Government Code.
- The project would not cause a substantial adverse change in the significance of a historical resource. While the residence that was on the site was built in 1938, it was determined not to be historically significant by a qualified historian from the County's list of approved historical consultants and has since been demolished to the foundation.
- j) No adverse environmental effects were identified during staff review of the development application during a site visit on October 4, 2023
- k) See supporting Findings No. 1 and 2. The application, project plans, and related support materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in Project File PLN220117.
- 9. FINDING: PUBLIC ACCESS The project is in conformance with the public access and recreation policies of the Coastal Act (specifically Chapter 3 of the Coastal Act of 1976, commencing with Section 30200 of the Public Resources Code) and Local Coastal Program, and does not interfere with any form of historic public use or trust rights.
 - **EVIDENCE:** a) No access is required as part of the project as no substantial adverse impact on access, either individually or cumulatively, as described in section 20.146.130 of the Carmel Area Coastal Implementation Plan can be demonstrated.
 - b) The subject property is not described as an area where the applicable Local Coastal Program requires public access (Figure 3, Public Access, in the Carmel Area Land Use Plan).
 - c) No evidence or documentation has been submitted or found showing the existence of historic public use or trust rights over this property.
 - d) The application, project plans, and related support materials submitted by the project applicant to Monterey County HCD-Planning for the proposed development found in Project File PLN220117.
- **10. FINDING: APPEALABILITY -** The decision on this project may be appealed to the Board of Supervisors and the California Coastal Commission.

- **EVIDENCE:** a) <u>Board of Supervisors</u>. Section 20.86.030 of the Monterey County Zoning Ordinance (Title 20) allows an appeal to be made to the Board of Supervisors by any public agency or person aggrieved by a decision of an Appropriate Authority other than the Board of Supervisors.
 - b) <u>California Coastal Commission.</u> This project is appealable to the California Coastal Commission pursuant to Title 20 section 20.86.080.A.3, as it includes development that is permitted in the underlying zone as a conditional use. The project includes removal of protected trees, development on slopes in excess of 30% and development within 750 feet of a known archaeological resource. All three of these circumstances fall under conditional uses which require a coastal development permit.

NOW, THEREFORE, based on the above findings and evidence, the Planning Commission does hereby:

- 1. Find that the project qualifies for a Class 3 Categorical Exemption pursuant to CEQA Guidelines section 15303, and none of the exceptions from section 15300.2 apply to the project; and
- 2. Approve a Combined development Permit consisting of a:
 - a. Coastal Administrative Permit and Design Approval to allow demolition of a 367 square foot detached garage and the remaining foundation of a demolished single-family residence; the construction of a 3,817 square foot single family dwelling, inclusive of a 420 square foot garage and 169 square foot basement, and associated site improvements, including the removal of 8 non-protected native trees;
 - b. Coastal Development Permit to allow removal of 6 trees, consisting of 3 landmark Monterey pine and 3 Coast live oak;
 - c. Coastal Development Permit to allow development on slopes in excess of 30%; and
 - d. Coastal Development Permit to allow development within 750 feet of known archaeological resources.

PASSED AND ADOPTED this 25th day of October, 2023, upon motion of Commissioner ______, seconded by Commissioner ______, by the following vote:

AYES: NOES: ABSENT: ABSTAIN:

> Melanie Beretti, AICP Planning Commission Secretary

COPY OF THIS DECISION MAILED TO APPLICANT ON _____.

THIS APPLICATION IS APPEALABLE TO THE BOARD OF SUPERVISORS. IF ANYONE WISHES TO APPEAL THIS DECISION, AN APPEAL FORM MUST BE COMPLETED AND SUBMITTED TO THE CLERK TO THE BOARD ALONG WITH THE APPROPRIATE FILING FEE ON OR BEFORE THIS PROJECT IS LOCATED IN THE COASTAL ZONE AND IS APPEALABLE TO THE COASTAL COMMISSION. UPON RECEIPT OF NOTIFICATION OF THE FINAL LOCAL ACTION NOTICE (FLAN) STATING THE DECISION BY THE FINAL DECISION MAKING BODY, THE COMMISSION ESTABLISHES A 10 WORKING DAY APPEAL PERIOD. AN APPEAL FORM MUST BE FILED WITH THE COASTAL COMMISSION. FOR FURTHER INFORMATION, CONTACT THE COASTAL COMMISSION AT (831) 427-4863 OR AT 725 FRONT STREET, SUITE 300, SANTA CRUZ, CA.

This decision, if this is the final decision, is subject to judicial review pursuant to California Code of Civil Procedure Sections 1094.5 and 1094.6. Any Petition for Writ of Mandate must be filed with the Court no later than the 90th day following the date on which this decision becomes final.

NOTES

1. You will need a building permit and must comply with the Monterey County Building Ordinance in every respect.

Additionally, the Zoning Ordinance provides that no building permit shall be issued, nor any use conducted, otherwise than in accordance with the conditions and terms of the permit granted or until ten days after the mailing of notice of the granting of the permit by the appropriate authority, or after granting of the permit by the Board of Supervisors in the event of appeal.

Do not start any construction or occupy any building until you have obtained the necessary permits and use clearances from Monterey County HCD-Planning and HCD-Building Services offices in Salinas.

2. This permit expires 3 years after the above date of granting thereof unless construction or use is started within this period.

County of Monterey HCD Planning

DRAFT Conditions of Approval/Implementation Plan/Mitigation Monitoring and Reporting Plan

PLN220117

1. PD001 - SPECIFIC USES ONLY

Responsible Department: Planning

Condition/Mitigation This Combined Development Permit (PLN220117) allows a Coastal Administrative **Monitoring Measure:** Permit and Design Approval to allow demolition of a 367 square foot detached garage and the remaining foundation of a demolished single-family residence; the construction of a 3,817 square foot single family dwelling, inclusive of a 420 square foot garage and 169 square foot basement, and associated site improvements, including the removal of 8 non-protected native trees; a Coastal Development Permit to allow removal of 6 trees, consisting of 3 landmark Monterey pine and 3 Coast live oak; a Coastal Development Permit to allow development on slopes in excess of 30%; and a Coastal Development Permit to allow development within 750 feet of known archaeological resources. The property is located at 24726 Dolores Street, Carmel, Carmel Area Land Use Plan (Assessor's Parcel Number 009-111-008-000). This permit was approved in accordance with County ordinances and land use regulations subject to the terms and conditions described in the project file. Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the Director of HCD - Planning. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled. (HCD - Planning)

> e or The Owner/Applicant shall adhere to conditions and uses specified in the permit on an ring ongoing basis unless otherwise stated.

Compliance or Monitoring Action to be Performed:

2. PD002 - NOTICE PERMIT APPROVAL

Responsible Department: Planning

Condition/Mitigation The applicant shall record a Permit Approval Notice. This notice shall state:

"A Combined Development Permit (Resolution Number _____) was approved by [Name of Hearing Body] for Assessor's Parcel Number 009-111-008-000 on October 25, 2023. The permit was granted subject to 15 conditions of approval which run with the land. A copy of the permit is on file with Monterey County HCD - Planning."

Proof of recordation of this notice shall be furnished to the Director of HCD - Planning prior to issuance of grading and building permits, Certificates of Compliance, or commencement of use, whichever occurs first and as applicable. (HCD - Planning)

Compliance or Monitoring Action to be Performed:Prior to the issuance of grading and building permits, certificates of compliance, or commencement of use, whichever occurs first and as applicable, the Owner/Applicant shall provide proof of recordation of this notice to the HCD - Planning.

3. PD003(A) - CULTURAL RESOURCES NEGATIVE ARCHAEOLOGICAL REPORT

Responsible Department: Planning

Condition/Mitigation If. during the course of construction, cultural, archaeological, historical or **Monitoring Measure:** paleontological resources are uncovered at the site (surface or subsurface resources) work shall be halted immediately within 50 meters (165 feet) of the find until a gualified professional archaeologist can evaluate it. Monterey County HCD - Planning and a archaeologist archaeologist registered qualified (i.e., an with the Register of Professional Archaeologists) immediately shall be contacted by the responsible individual present on-site. When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for recovery. (HCD - Planning)

Compliance or Monitoring Action to be Performed:

or The Owner/Applicant shall adhere to this condition on an on-going basis.

Prior to the issuance of grading or building permits and/or prior to the recordation of the final/parcel map, whichever occurs first, the Owner/Applicant shall include requirements of this condition as a note on all grading and building plans. The note shall state "Stop work within 50 meters (165 feet) of uncovered resource and contact Monterey County HCD - Planning and a qualified archaeologist immediately if cultural, archaeological, historical or paleontological resources are uncovered."

When contacted, the project planner and the archaeologist shall immediately visit the site to determine the extent of the resources and to develop proper mitigation measures required for the discovery.

4. PD006(A) - CONDITION COMPLIANCE FEE

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The Owner/Applicant shall pay the Condition Compliance fee, as set forth in the fee schedule adopted by the Board of Supervisors, for the staff time required to satisfy conditions of approval. The fee in effect at the time of payment shall be paid prior to clearing any conditions of approval.

Compliance or Prior to clearance of conditions, the Owner/Applicant shall pay the Condition Monitoring Action to be Compliance fee, as set forth in the fee schedule adopted by the Board of Supervisors.

5. PD011 - TREE AND ROOT PROTECTION

Responsible Department: Planning

Condition/Mitigation construction site(s) shall Trees which are located close to be protected from **Monitoring Measure:** inadvertent damage from construction equipment by fencing off the canopy driplines and/or critical root zones (whichever is greater) with protective materials, wrapping trunks with protective materials, avoiding fill of any type against the base of the trunks and avoiding an increase in soil depth at the feeding zone or drip-line of the retained Said protection, approved by certified arborist, shall be demonstrated prior to trees. issuance of building permits subject to the approval of HCD - Director of Planning. lf there is any potential for damage, all work must stop in the area and a report, with mitigation measures, shall be submitted by certified arborist. Should any additional trees not included in this permit be harmed, during grading or construction activities, in such a way where removal is required, the owner/applicant shall obtain required permits. (HCD - Planning)

Compliance or Monitoring Action to be Performed:

Prior to issuance of grading and/or building permits, the Owner/Applicant shall submit evidence of tree protection to HCD - Planning for review and approval.

During construction, the Owner/Applicant/Arborist shall submit on-going evidence that tree protection measures are in place through out grading and construction phases. If damage is possible, submit an interim report prepared by a certified arborist.

Prior to final inspection, the Owner/Applicant shall submit photos of the trees on the property to HCD-Planning after construction to document that tree protection has been successful or if follow-up remediation or additional permits are required.

6. PD011(A) - TREE REMOVAL

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: Tree removal shall not occur until a construction permit has been issued in conformance with the appropriate stage or phase of development in this permit. Only those trees approved for removal shall be removed. (HCD-Planning)

Compliance or Prior to tree removal, the Owner/ Applicant/ Tree Removal Contractor shall Monitoring demonstrate that a construction permit has been issued prior to commencement of Action to be tree removal. Performed:

7. PD012(D) - LANDSCAPE PLAN & MAINTENANCE (MPWMD-SFD ONLY)

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: The site shall be landscaped. Prior to the issuance of building permits, three (3) copies of a landscaping plan shall be submitted to the Director of HCD - Planning . A landscape plan review fee is required for this project. Fees shall be paid at the time of landscape plan submittal. The landscaping plan shall be in sufficient detail to identify the location, species, and size of the proposed landscaping materials and shall include an irrigation plan. The plan shall be accompanied by a nursery or contractor's estimate of the cost of installation of the plan. Before occupancy, landscaping shall be either installed or a certificate of deposit or other form of surety made payable to Monterey County for that cost estimate shall be submitted to the Monterey County HCD -Planning. All landscaped areas and fences shall be continuously maintained by the applicant; all plant material shall be continuously maintained in a litter-free, weed-free, healthy, growing condition. (HCD - Planning)

Compliance or Owner/Applicant/Licensed Prior to issuance of building permits, Landscape the Monitorina Contractor/Licensed Landscape Architect shall submit landscape plans and Action to be contractor's estimate to HCD - Planning for review and approval. Landscaping plans Performed: shall include the recommendations from the Forest Management Plan or Biological Survey as applicable. All landscape plans shall be signed and stamped by licensed professional under the following statement, "I certify that this landscaping and irrigation plan complies with all Monterey County landscaping requirements including use of non-invasive species; native. drought-tolerant, limited turf; and low-flow. water conserving irrigation fixtures."

Prior to issuance of building permits, the Owner/Applicant/Licensed Landscape Contractor/Licensed Landscape Architect shall submit one (1) set landscape plans of approved by HCD-Planning, a Maximum Applied Water Allowance (MAWA) calculation, and a completed "Residential Water Release Form and Water Permit Application" to the Monterey Peninsula Water Management District for review and approval.

Prior to issuance of building permits, the Owner/Applicant/Licensed Landscape Contractor/ shall submit an approved water permit from the MPWMD to HCD-Building Services.

Prior to occupancy, the Owner/Applicant/Licensed Landscape Contractor/Licensed Landscape Architect shall ensure that the landscaping shall be either installed or a certificate of deposit or other form of surety made payable to Monterey County for that cost estimate shall be submitted to Monterey County HCD - Planning.

On an on-going basis, all landscaped areas and fences shall be continuously maintained by the Owner/Applicant; all plant material shall be continuously maintained in a litter-free, weed-free, healthy, growing condition.

8. PD014(A) - LIGHTING - EXTERIOR LIGHTING PLAN

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: All exterior lighting shall be unobtrusive, down-lit, harmonious with the local area, and constructed or located so that only the intended area is illuminated and off-site glare is fully controlled. The lighting source shall be shielded and recessed into the fixture. The applicant shall submit three (3) copies of an exterior lighting plan which shall indicate the location, type, and wattage of all light fixtures and include catalog sheets for each fixture. The lighting shall comply with the requirements of the California Energy Code set forth in California Code of Regulations Title 24 Part 6. The exterior lighting plan shall be subject to approval by the Director of HCD - Planning, prior to the issuance of building permits.

(HCD - Planning)

Compliance or Monitoring Action to be Performed:Prior to the issuance of building permits, the Owner/Applicant shall submit three copies of the lighting plans to HCD - Planning for review and approval. Approved lighting plans shall be incorporated into final building plans.

Prior to final/occupancy, the Owner/Applicant/Contractor shall submit written and photographic evidence demonstrating that the lighting has been installed according to the approved plan.

On an on-going basis, the Owner/Applicant shall ensure that the lighting is installed and maintained in accordance with the approved plan.

9. PD016 - NOTICE OF REPORT

Responsible Department: Planning Condition/Mitigation Prior to issuance of building or grading permits, a notice shall be recorded with the Monitoring Measure: Monterey County Recorder which states: "A(n) Forest Management Plan (Library No. LIB230012), was prepared by Frank Ono on September 1, 2021 together with an addendum dated April 10, 2023 and is on file in Monterey County HCD - Planning. All development shall be in accordance with this report." (HCD - Planning) Compliance or Prior to the issuance of grading and building permits, the Owner/Applicant shall submit Monitoring proof of recordation of this notice to HCD - Planning. Action to be Derformed. Prior to occupancy, the Owner/Applicant shall submit proof, for review and approval, that all development has been implemented in accordance with the report to the HCD -Planning.

10. PD016 - NOTICE OF REPORT

Responsible Department:	Planning
Condition/Mitigation Monitoring Measure:	Prior to issuance of building or grading permits, a notice shall be recorded with the Monterey County Recorder which states: "A(n) Archaeological Investigation (Library No. LIB230013), was prepared by Kaitlin Ruppert, MSc, RPA on November 4, 2022 and is on file in Monterey County HCD - Planning. All development shall be in accordance with this report." (HCD - Planning)
Compliance or Monitoring Action to be Performed:	Prior to the issuance of grading and building permits, the Owner/Applicant shall submit proof of recordation of this notice to HCD - Planning.
	Prior to occupancy, the Owner/Applicant shall submit proof, for review and approval, that all development has been implemented in accordance with the report to the HCD - Planning.

11. PD048 - TREE REPLACEMENT/RELOCATION

Responsible Department: Planning

Condition/Mitigation Monitoring Measure: Within 60 days of permit approval, the applicant shall replace and or relocate each tree approved for removal as follows:

- Replacement ratio recommended by arborist: 1:1 for all trees removed, like for like species totaling 14 trees:

- 3 Monterey pine
- 10 Coast live oak
- 1 Redwood

Replacement tree(s) shall be located within the same general location as the tree being removed. (HCD - Planning)

Compliance or Monitoring Action to be Performed: Prior to final of construction permits, the Owner/Applicant shall submit evidence of tree replacement to HCD -Planning

for review and approval. Evidence shall be a receipt for the purchase of the replacement tree(s) and photos of the replacement tree(s) being planted.

Six months after the planting of the replacement tree(s), the Owner/Applicant shall submit evidence demonstrating that the replacement tree(s) are in a healthy, growing condition.

One year after the planting of the replacement tree(s), the Owner/Applicant shall submit a letter prepared by a County-approved tree consultant reporting on the health of the replacement tree(s) and whether or not the tree replacement was successful or if follow-up remediation measures or additional permits are required.

12. PD050 - RAPTOR/MIGRATORY BIRD NESTING

Responsible Department: Planning

- **Condition/Mitigation Monitoring Measure:** Any tree removal activity that occurs during the typical bird nesting season (February 22-August 1), the County of Monterey shall require that the project applicant retain a County qualified biologist to perform a nest survey in order to determine if any active raptor or migratory bird nests occur within the project site or within 300 feet of proposed tree removal activity. During the typical nesting season, the survey shall be conducted no more than 30 days prior to ground disturbance or tree removal. If nesting birds are found on the project site, an appropriate buffer plan shall be established by the project biologist. (HCD - Planning)
 - Compliance or No more than 30 days prior to ground disturbance or tree removal, the Monitoring Owner/Applicant/Tree Removal Contractor shall submit to HCD -Planning а nest Action to be survey prepare by a County qualified biologist to determine if any active raptor or Performed: migratory bird nests occur within the project site or immediate vicinity.

13. PW0005 - DRIVEWAY IMPROVEMENTS

Responsible Department: Public Works

- **Condition/Mitigation Monitoring Measure:** Construct driveway connection(s) to Dolores Street. The design and construction is subject to the approval of the HCD-PWFP. Encroachment Permits are required for all work within the public right-of-way.
 - Compliance or Owner/Applicant shall submit the design for review and approval of the HCD-PWFP, Monitoring obtain an encroachment permit from the HCD-PWFP prior to issuance of building or Action to be grading permits, and construct and complete improvements prior to occupancy or Performed: commencement of use. Applicant is responsible to obtain all permits and environmental clearances.

14. PW0044 - CONSTRUCTION MANAGEMENT PLAN

Responsible Department: Public Works

Condition/Mitigation Monitoring Measure: The applicant shall submit a Construction Management Plan (CMP) to HCD-Planning and HCD-Engineering Services for review and approval. The CMP shall include measures to minimize traffic impacts during the construction/grading phase of the project.

CMP shall include, at a minimum, duration of the construction, hours of operation, truck routes, estimated number of truck trips that will be generated, number of construction workers, and on-site/off-site parking areas for equipment and workers and locations of truck staging areas. Approved measures included in the CMP shall be implemented by the applicant during the construction/grading phase of the project. (Public Works)

Compliance or 1. Prior to issuance of the Grading Permit or Building Permit. Monitoring Owner/Applicant/Contractor shall prepare a CMP and shall submit the CMP to the Action to be HCD-Planning and HCD- Engineering Services for review and approval. Performed:

2. On-going through construction phases Owner/Applicant/Contractor shall implement the approved measures during the construction/grading phase of the project.

15. CC01 INDEMNIFICATION AGREEMENT

Responsible Department: County Counsel-Risk Management

- Condition/Mitigation The property owner agrees as a condition and in consideration of approval of this Monitoring Measure: discretionary development permit that it will, pursuant to agreement and/or statutory provisions as applicable, including but not limited to Government Code Section 66474.9, defend, indemnify and hold harmless the County of Monterey or its agents, officers and employees from any claim, action or proceeding against the County or its agents, officers or employees to attack, set aside, void or annul this approval, which action is brought within the time period provided for under law, including but not limited to, Government Code Section 66499.37, as applicable. The property owner will reimburse the County for any court costs and attorney's fees which the County may be required by a court to pay as a result of such action. The County may, at its sole discretion, participate in the defense of such action; but such participation shall not relieve applicant of his/her/its obligations under this condition. An agreement to this effect shall be recorded upon demand of County Counsel or concurrent with the issuance of building permits, use of property, filing of the final map, recordation of the certificates of compliance whichever occurs first and as applicable. The County shall promptly notify the property owner of any such claim, action or proceeding and the County shall cooperate fully in the defense thereof. If the County fails to promptly notify the property owner of any such claim, action or proceeding or fails to cooperate fully in the defense thereof, the property owner shall not thereafter be responsible to defend, indemnify or hold the County harmless. (County Counsel-Risk Management)
 - Compliance or Monitoring Action to be Performed: Upon demand of County Counsel or concurrent with the issuance of building permits, use of the property, recording of the final/parcel map, or recordation of Certificates of Compliance, whichever occurs first and as applicable, the Owner/Applicant shall submit a signed and notarized Indemnification Agreement to the Office of County Counsel-Risk Management for review and signature by the County.

Proof of recordation of the Indemnification Agreement, as outlined, shall be submitted to the Office of County Counsel-Risk Management

GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODE AND ORDINANCE REQUIREMENTS SET FORTH BY THE PREVAILING GOVERNING BODY.

GOVERNING CODES ASSOCIATED WITH THIS PROJECT:

2022 CALIFORNIA RESIDENTIAL CODE (CRC), CALIFORNIA BUILDING CODE (CBC), CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA PLUMBING CODE (CPC), CALIFORNIA ELECTRICAL CODE (CEC), CALIFORNIA FIRE CODE (CFC), CALIFORNIA ENERGY CODE (CENC) & CALIFORNIA GREEN BUILDING CODE (CALGREEN), AND ALL OTHER APPLICABLE LOCAL AND STATE LAWS \$ REGULATIONS.

THESE DRAWINGS ARE PREPARED FOR USE BY A PROPERLY LICENSED AND CERTIFIED CONTRACTOR. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, MATERIALS, AND CONDITIONS PRIOR TO STARTING CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE DESIGNER AND OR ENGINEERS OR RECORD.

ALL WRITTEN DIMENSIONS SHALL SUPERCEDE SCALED DIMENSIONS.

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

CONTRACTOR IS RESPONSIBLE FOR COMPLETE FINAL DISPOSAL OF ALL CONSTRUCTION DEBRIS IN A MANNER CONSISTENT WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

ADDRESS IDENTIFICATION

PRIOR TO CONSTRUCTION, A LEGIBLE ADDRESS IDENTIFICATION SHALL BE PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ALL ARABIC NUMBERS OR ALPHABETIC LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL NOT BE LESS THAN 4 INCHES IN HEIGHT WITH A STROKE WIDTH OF NOT LESS THAN 0.5 INCH. WHERE REQUIRED BY THE FIRE CODE OFFICIAL, ADDRESS IDENTIFICATION SHALL BE PROVIDED IN ADDITIONAL APPROVED LOCATIONS TO FACILITATE EMERGENCY RESPONSE. WHERE ACCESS IS BY MEANS OF PRIVATE ROAD AD THE BUILDING ADDRESS CANNOT BE VIEWED FROM THE PUBLIC WAY, A MONUMENT, POLE, OR OTHER SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. ADDRESS IDENTIFICATION SHALL BE MAINTAINED.

PREHISTORIC OR ARCHAEOLOGICAL RESOURCES PROTECTION RECOMENDATIONS (SEE ARCHAEOLOGICAL SURVEY BY EMC): I. PRIOR TO CONSTRUCTION, ALL PERSONNEL DIRECTLY INVOLVED IN PROJECT & RELATED GROUND DISTURBANCE SHALL BE PROVIDED ARCHAEOLOGICAL AND CULTURAL SENSITIVITY TRAINING. THE TRAINING SHALL BE CONDUCTED BY A NATIVE AMERICAN MONITOR OR A QUALIFIED ARCHAEOLOGIST THAT MEET THE SECRETARY OF THE INTERIOR'S STANDARDS FOR ARCHAEOLOGY. THE TRAINING SHALL TAKE PLACE AT A DAY AND TIME TO BE DETERMINED IN CONJUNCTION WITH THE PROJECT CONSTRUCTION FOREMAN, AND PRIOR TO ANY SCHEDULED GROUND DISTURBANCE. THE TRAINING WILL INCLUDE THE FOLLOWING: A DISCUSSION OF APPLICABLE LAWS AND PENALTIES; SAMPLES OR VISUAL AIDS OF ARTIFACTS THAT COULD BE ENCOUNTERED IN THE PROJECT VICINITY, INCLUDING WHAT THOSE ARTIFACTS AND RESOURCES MAY LOOK LIKE PARTIALLY BURIED, OR WHOLLY BURIED AND FRESHLY EXPOSED; AND INSTRUCTIONS TO HALT WORK IN THE VICINITY OF ANY POTENTIAL CULTURAL RESOURCE DISCOVERY, AND NOTIFY THE ARCHAEOLOGICAL MONITOR AS NECESSARY. IF A HANDOUT IS PROVIDED BY THE ARCHAEOLOGIST. THE FOREMAN WILL KEEP A COPY OF IT IN HIS OR HER VEHICLE AS A REFERENCE. HAVING REFERENCE MATERIAL IN THE VEHICLE DOES NOT REPLACE CONTACTING AN ARCHAEOLOGIST SHOULD RESOURCES BE UNCOVERED.

2. THAT A NATIVE AMERICAN MONITOR AND AN ARCHAEOLOGIST BE PRESENT DURING ANY GROUND DISTURBING ACTIVITIES.

3. IN THE EVENT ARCHAEOLOGICAL RESOURCES ARE ENCOUNTERED DURING GROUND DISTURBING ACTIVITIES, CONTRACTOR SHALL TEMPORARILY HALT OR DIVERT EXCAVATIONS WITHIN A 50 METER (165 FEET) OF THE FIND UNTIL IT CAN BE EVALUATED. ALL POTENTIALLY SIGNIFICANT ARCHAEOLOGICAL DEPOSITS SHALL BE EVALUATED TO DEMONSTRATE WHETHER THE RESOURCE IS ELIGIBLE FOR INCLUSION ON THE CALIFORNIA REGISTER OF HISTORIC RESOURCES, EVEN IF DISCOVERED DURING CONSTRUCTION. IF ARCHAEOLOGICAL DEPOSITS ARE ENCOUNTERED, THEY WILL BE EVALUATED AND MITIGATED SIMULTANEOUSLY IN THE TIMELIEST MANNER PRACTICABLE, ALLOWING FOR RECOVERY OF MATERIALS AND DATA BY STANDARD ARCHAEOLOGICAL PROCEDURES. FOR PREHISTORIC ARCHAEOLOGICAL SITES, THIS DATA RECOVERY INVOLVES THE HAND- EXCAVATED RECOVERY AND NON \$DESTRUCTIVE ANALYSIS OF A SMALL SAMPLE OF THE DEPOSIT. HISTORIC RESOURCES SHALL ALSO BE SAMPLED THROUGH HAND EXCAVATION, THOUGH ARCHITECTURAL FEATURES MAY REQUIRE CAREFUL MECHANICAL EXPOSURE AND HAND EXCAVATION.

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Provided by:

4. ANY PREVIOUSLY UNDISCOVERED RESOURCES FOUND DURING CONSTRUCTION ACTIVITIES SHALL BE RECORDED ON APPROPRIATE CALIFORNIA DEPARTMENT OF PARKS AND RECREATION (DPR) FORMS AND EVALUATED FOR SIGNIFICANCE BY A QUALIFIED ARCHAEOLOGIST. SIGNIFICANT CULTURAL RESOURCES CONSIST OF BUT ARE NOT LIMITED TO STONE, BONE, GLASS, CERAMICS, FOSSILS, WOOD, OR SHELL ARTIFACTS, OR FEATURES INCLUDING HEARTHS, STRUCTURAL REMAINS, OR HISTORIC DUMPSITES. IF THE RESOURCE IS DETERMINED SIGNIFICANT, A QUALIFIED ARCHAEOLOGIST SHALL PREPARE AND IMPLEMENT A RESEARCH DESIGN AND ARCHAEOLOGICAL DATA RECOVERY PLAN THAT WILL CAPTURE THOSE CATEGORIES OF DATA FOR WHICH THE SITE IS SIGNIFICANT IN ACCORDANCE WITH SECTION 15064.5 OF THE CEQA GUIDELINES. THE ARCHAEOLOGIST SHALL ALSO PERFORM APPROPRIATE TECHNICAL ANALYSES, PREPARE A COMPREHENSIVE REPORT COMPLETE WITH METHODS, RESULTS, AND RECOMMENDATIONS, AND PROVIDE FOR THE PERMANENT CURATION OF THE RECOVERED RESOURCES. RECOMMENDATIONS FOR PERMANENT CURATION OF RECOVERED RESOURCES WILL NOT BE APPLICABLE TO PREHISTORIC CULTURAL RESOURCES MATERIALS OR TRIBAL CULTURAL RESOURCES AS SUCH RESOURCES WILL BE RETURNED TO THE TRIBES. ALL SIGNIFICANT PREHISTORIC CULTURAL MATERIALS AND OR TRIBAL CULTURAL RESOURCES RECOVERED SHALL BE, RETURNED TO NATIVE AMERICAN TRIBES TRADITIONALLY AND CULTURALLY AFFILIATED WITH THE AREA.

5. CALIFORNIA HEALTH AND SAFETY CODE SECTION 1050.5 AND THE CEQA GUIDELINES SECTION 15064.5(E) CONTAIN THE MANDATED PROCEDURES OF CONDUCT FOLLOWING THE DISCOVERY OF HUMAN REMAINS. ACCORDING TO THE PROVISIONS IN CEQA, IF HUMAN REMAINS ARE ENCOUNTERED AT THE SITE, ALL WORK IN THE IMMEDIATE VICINITY OF THE DISCOVERY SHALL CEASE AND NECESSARY STEPS TO ENSURE THE INTEGRITY OF THE IMMEDIATE AREA SHALL BE TAKEN. THE MONTEREY COUNTY CORONER SHALL BE NOTIFIED IMMEDIATELY. THE CORONER SHALL THEN DETERMINE WHETHER THE REMAINS ARE NATIVE AMERICAN. IF THE CORONER DETERMINES THE REMAINS ARE NATIVE AMERICAN, THE CORONER SHALL NOTIFY THE NATIVE AMERICAN HERITAGE COMMISSION WITHIN 24 HOURS, WHO WOULD, IN TURN, NOTIFY THE PERSON THE NATIVE AMERICAN HERITAGE COMMISSION IDENTIFIES AS THE MOST LIKELY DESCENDANT OF ANY HUMAN REMAINS FURTHER ACTIONS SHALL BE DETERMINED, IN PART, BY THE DESIRES OF THE MOST LIKELY DESCENDANT. THE MOST LIKELY DESCENDANT HAS 48 HOURS TO MAKE RECOMMENDATIONS REGARDING THE DISPOSITION OF THE REMAINS FOLLOWING NOTIFICATION FROM THE NATIVE AMERICAN HERITAGE COMMISSION OF THE DISCOVERY. IF THE MOST LIKELY DESCENDANT DOES NOT MAKE RECOMMENDATIONS WITHIN 48 HOURS, THE OWNER SHALL, WITH APPROPRIATE DIGNITY, REINTER THE REMAINS IN AN AREA OF THE PROPERTY SECURE FROM FURTHER DISTURBANCE. ALTERNATIVELY, IF THE OWNER DOES NOT ACCEPT THE MOST LIKELY DESCENDANT'S RECOMMENDATIONS, THE OWNER OR THE DESCENDENT MAY REQUEST MEDIATION BY THE NATIVE AMERICAN HERITAGE COMMISSION.

BIOLOGICAL RESOURCES PROTECTION RECOMMENDATIONS (SEE BIOLOGICAL RESOURCE EVALUATION REPORT BY EMC): 1. IF POSSIBLE, CONSTRUCTION SHOULD BE INITIATED OUTSIDE OF THE NESTING BIRD SEASON (JANUARY 15 THROUGH SEPTEMBER 15). IF CONSTRUCTION MUST BEGIN DURING THE NESTING BIRD SEASON, A PRE- CONSTRUCTION SURVEY FOR NESTING BIRDS SHOULD BE CONDUCTED BY A QUALIFIED MONTEREY COUNTY- APPROVED BIOLOGIST TO ENSURE THAT NO NESTS WOULD BE DISTURBED DURING PROJECT CONSTRUCTION.

AS THE SIZE OF THE CONSTRUCTION AREA IS SMALL, A PROFESSIONAL SURVEY MAY ONLY TAKE ONE TO TWO HOURS. IF NO NESTING ACTIVITY IS OBSERVED, A LETTER REPORT CONFIRMING ABSENCE SHALL BE PREPARED AND SUBMITTED TO THE COUNTY OF MONTEREY AND NO FURTHER ACTION IS REQUIRED.

IF AN ACTIVE NEST IS FOUND, FOLLOW- UP SURVEYS WOULD BE NEEDED TO CHECK ON THE NEST AND DETERMINE WHEN THE NEST IS NO LONGER ACTIVE. AN APPROPRIATE BUFFER BETWEEN EACH NEST AND ACTIVE CONSTRUCTION WOULD ALSO BE ESTABLISHED.

2. TO AVOID IMPACTS TO SPECIAL- STATUS BAT SPECIES, APPROXIMATELY 14 DAYS PRIOR TO CONSTRUCTION ACTIVITIES, A QUALIFIED MONTEREY COUNTY- APPROVED BIOLOGIST SHOULD CONDUCT A HABITAT ASSESSMENT FOR BATS AND POTENTIAL ROOSTING SITES IN TREES OR BUILDINGS WITHIN 50 FEET OF THE CONSTRUCTION SITE. A PRE- CONSTRUCTION SURVEY FOR NESTING BIRDS AND ROOSTING BATS CAN BE CONDUCTED SIMULTANEOUSLY.

IF NO ROOSTING SITES OR BATS ARE FOUND, A LETTER REPORT CONFIRMING ABSENCE SHALL BE PREPARED AND SUBMITTED TO THE COUNTY OF MONTEREY AND NO FURTHER ACTION IS REQUIRED. IF BATS OR ROOSTING SITES ARE FOUND, BATS SHALL NOT BE DISTURBED WITHOUT SPECIFIC NOTICE TO AND CONSULTATION WITH CDFW.

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.M.U.	CONCRETE MASONRY UNIT			OPP.	OPPOSITE	TEMP.	TEMPERED	
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OL.	COLUMN	H.D.	HOLD DOWN			T&G	TONGUE & GROOVE	
ONN.	CONNECTION	HDR.	HEADER	ዊ	PLATE	T.O.F.	TOP OF FOOTING	
ONST.	CONSTRUCTION	HDWD.	HARDWOOD	P/L	PROPERTY	T.O.	TOP OF	
SMT.	CASEMENT	HORIZ.	HORIZONTAL	PLAS.	PLASTER	T.O.P.	TOP OF PLATE	
.W.	COLD WATER	HR.	HOUR	PLY.	PLYWOOD	T.O.S.	TOP OF SLAB	
		H.B.	HOSE BIBB	PNL.	PANEL	T.O.W.	TOP OF WALL	
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Q	EQUAL	КР	KICKER POST	R/W	RIGHT OF WAY	WWP	WELDED WIRE FABRIC	



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PROJECT DIRECTORY

BIOLOGIST: Janet Walther, MS **EMC Planning Group** 601 Abrego Street Monterey, CA 93940 831-649-1799 x209 walther@emcplanning.com

Jennifer Rudolph, P.E. C3 Engineering, Inc. 126 Bonifacio Place, Suite C Monterey, CA 93940 831-647-1192 mail@c3engineering.net

GEOLOGICAL: Robert Barminski, R.G., C.E.G. CapRock Geology, Inc. P.O. Box 387 Hollister, CA 95024 831-594-7094 caprockgeology@gmail.com

GEOTECHNICAL Belinda Taluban, P.E Soils Survey Group, Inc 103 Church Street Salinas, CA 93901 831-757-2172 info@soilsurveys.net

△ PROJECT SCOPE

Construction of a new three story 3,648 SF Single Family residence with attached 420 SF, two car Garage and 169 SF basement. Scope also includes a new driveway and approach, repairs to existing fencing with new fencing proposed at rear or residence (to match existing), removal of trees, and grading & drainage. No new landscaping is proposed, natural vegetation will be maintained.

PROJECT DATA

24726 Dolores Street Carmel, CA 93923

009-111-008-000 Lot 4, Block 151

LDR/1-D-S-RAZ

R-3/U

V-B

Frank Lucido, Jr. Lucido Surveyors 2 Saucito Avenue Del Rey Oaks, CA 93940 831-620-5032 info@lucidosurveyors.com

STRUCTURAL:

SURVEYOR:

ENERGY COMPLIANCE: T.B.D.

DEFERRED SUBMITTALS:

- 1. Fire Sprinklers
- 2. Photovoltaic System
- ()Ž 939 CO STRUCTION, A C TEREY, TRUCTI NOM | 102 CON SUITE HASTI ΑY, S STING 0V 920 ΗĂ 30 Δ δ S S $\boldsymbol{\alpha}$ TITLE Project: HC 22- 00 Date: 5/4/2023 Drawn By:

AAF

N.T.S.

Scale:

Revision/Issue

PLN220118 - PC 1/19/2

Date

SEE STRUCTURAL DRAWINGS FOR STRUCTURAL NOTES.

ALL CONCRETE SHALL ATTAIN A MINIMUM STRENGTH OF 2500 P.S.I. IN 28 DAYS U.N.O.

ALL CEMENT SHALL BE PORTLAND TYPE | OR TYPE || OF A.S.T.M. (C-150)

ALL CONCRETE SHALL BE VIBRATED AND PLACED IN ACCORDANCE WITH A.S.T.M. (C-143) U.N.O.

ALL FALSEWORK, FORMING DESIGN AND CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. FALSEWORK MUST STAY IN PLACE UNTIL CONCRETE REACHES A STRENGTH OF 2000 P.S.I.

WOODS & PLASTICS (NON-STRUCTURAL)

SEE STRUCTURAL DRAWINGS FOR STRUCTURAL NOTES.

ALL LUMBER NOT SPECIFICALLY NOTED TO BE D.F. #2 OR BETTER.

ALL WOOD IN PERMANENT CONTACT WITH CONCRETE OR ICF SHALL BE PRESSURE TREATED UNLESS AN APPROVED BARRIER IS PROVIDED.

FRAMING ACCESSORIES AND STRUCTURAL FASTENERS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY (OR ENGINEER APPROVED EQUAL).

ALL HANGERS AND NAILS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE SIMPSON Z-MAX HANGERS OR STAINLESS STEEL.

THERMAL \$ MOISTURE PROTECTION: ROOFING SHALL BE RATED CLASS 'A' OR HIGHER AND INSTALLED PER MANUFACTURER'S SPECS.

FLASHINGS SHALL BE INSTALLED AT WALL AND ROOF INTERSECTIONS WHEREVER THIS IS A CHANGE IN ROOF SLOPE OR DIRECTION AND AROUND ROOF OPENINGS. FLASHING SHALL BE INSTALLED TO DIVERT WATER AWAY FROM THE WHERE THE EAVE OF A SLOPED ROOF INTERSECTS WITH A VERTICAL WALL (PER RS03.2.1)

ROOF SLOPES FROM 2:12 TO 4:12 UNDERLAYMENT SHALL BE TWO LAYERS; FLAT AREAS SHALL HAVE THREE LAYERS (PER TABLE R305.1.1(2)).

UNDERLAYMENT FOR ASPHALT SHINGLES SHALL COMPLY WITH ASTM D226 TYPE I; ASTM D4869 TYPE I, II, III OR IV; ASTM D6151 AND SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION (TABLE R905.1.1(1)).

PROVIDE ATTIC VENTILATION PER CRC SECTION R806.2. MINIMUM NET FREE VENTILATION AREA SHALL BE 1/300 OF THE AREA OF THE VENTED SPACE WHEN AT LEAST 40% BUT NOT MORE THAN 50% OF THE VENT IS LOCATED IN THE UPPER PART OF THE ATTIC SPACE.

DRAINAGE NOTES:

RUNOFF SHALL BE DIRECTED AWAY FROM BUILDING FOUNDATIONS.

DOOR \$ WINDOW NOTES:

WINDOW AND DOOR SIZES SHOWN FOR DESIGN PURPOSES ONLY. ACTUAL WINDOW AND DOOR SIZES SHALL BE FRAMED \$ SET PER MANUFACTURER'S SPECIFICATIONS. CONTRACTOR TO FIELD VERIFY SIZES AND SELECT NEAREST MANUFACTURER'S SIZES PRIOR TO ORDERING.

ALL GLAZING SUBJECT TO HUMAN IMPACT SHALL CONFORM TO CRC SECTIONS R308.3 \$ R308.4. GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 36 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN SURFACE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.

BEDROOM WINDOWS SHALL HAVE A MAX. SILL HEIGHT OF 44" ABV. F.F.; A MIN. NET CLEAR OPENING OF 20" WIDE AND A MIN. NET CLEAR OPENING OF 24" HIGH W/MIN. CLEAR OPENING OF 5.7 FEET PER CBC 1029.

ALL HARDWARE & FINISHES SHALL BE SELECTED BY OWNER.

ALL EXTERIOR DOORS SHALL BE SOLID CORE AND AT LEAST $1\frac{3^{44}}{4}$ THICK.

MEANS OF EGRESS

THE MEANS OF EGRESS SHALL PROVIDE A CONTINUOUS AND UNOBSTRUCTED PATH OF VERTICAL AND HORIZONTAL EGRESS TRAVEL FROM ALL PORTIONS OF THE DWELLING TO THE REQUIRED EGRESS DOOR WITHOUT REQUIRING TRAVEL THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DIRECTLY INTO A PUBLIC WAY OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY (PER CRC R311.1).

LANDINGS OR FINISHED FLOORS AT REQUIRED EGRESS DOORS SHALL NOT BE MORE THAN 1 $\frac{1}{2}$ " LOWER THAN THE TOP OF THE THRESHOLD; LANDINGS OR FINISH FLOOR ON THE EXTERIOR SIDE SHALL NOT BE MORE THAN 1 $\frac{3}{4}$ " BELOW TOP OF THRESHOLD PROVIDED DOOR DOES NOT SWING OVER LANDING OR FLOOR.

EXCEPTION: A TOP LANDING IS NOT REQUIRED WHERE A STAIRWAY OF NOT MORE THAN TWO RISERS IS LOCATED ON THE EXTERIOR SIDE OF THE DOOR, PROVIDED THAT THE DOOR DOES NOT SWING OVER THE STAIRWAY (PER CRC R311.3.2).

WHERE EXTERIOR LANDINGS OR FLOORS SERVING THE REQUIRED EGRESS DOOR ARE NOT AT GRADE, THEY SHALL BE PROVIDED WITH ACCESS TO GRADE BY MEANS OF A RAMP IN ACCORDANCE WITH SECTION R311.8 OR A STAIRWAY IN ACCORDANCE WITH SECTION R311.1. (PER CRC R311.3.1).

NON-EGRESS DOORS SHALL BE PROVIDED WITH LANDINGS OR FLOORS NOT MORE THAN $1\frac{3''}{4}$ BELOW TOP OF THRESHOLD (PER CRC R311.3.2)

THERE SHALL BE A LANDING OR FLOOR ON EACH SIDE OF EACH EXTERIOR DOOR. THE WIDTH OF EACH LANDING SHALL BE NOT LESS THAN THE DOOR SERVED. LANDINGS SHALL HAVE A DIMENSION OF NOT LESS THAN 36 INCHES MEASURED IN THE DIRECTION OF TRAVEL (PER R311.3.1).

THE SLOPE AT EXTERIOR LANDINGS SHALL NOT EXCEED 1/4 UNIT VERTICAL IN 12 UNITS HORIZONTAL (2 PERCENT).

NATURAL LIGHTING

GUESTROOMS AND HABITABLE ROOMS WITHIN DWELLING UNIT OR CONGREGATE RESIDENCE SHALL BE PROVIDED WITH NATURAL LIGHT BY MEANS OF EXTERIOR GLAZED OPENINGS WITH AN AREA NOT LESS THAN 8% OF THE FLOOR AREA OF SUCH ROOMS WITH A MINIMUM OF 10 SQ. FT.

FINISHES & FURNISHINGS

ALL FINISHES, INCLUDING CABINETS, COUNTERTOPS, TILE, GROUT, PAINT, ETC. SHALL BE SELECTED BY OWNER.

TRIM, CASING \$ BASEBOARDS ARE TO BE PRIMER GRADE WOOD U.N.O. -SELECTION BY OWNER OR DESIGNER.

ALL EXPOSED SURFACES THAT ARE NOT FINISHED FROM THE FACTORY,

SHALL BE PAINTED OR STAINED; COLORS TO BE SELECTED BY OWN

GYPSUM WALL BOARD PANELS SHALL BE TAPED AND FINISHED. ALL \$ TAPE PRODUCTS SHALL BE APPLIED PER MANUFACTURER SPECIFICATIONS. METAL OR VINYL BEAD SHALL BE USED AT ALL CORNERS (U.N.O.). CEMENT BOARD SHALL BE USED UNDER ALL TILE APPLICATIONS.

WATER-RESISTANT GYPSUM BACKING BOARD SHOULD NOT BE USED THE FOLLOWING LOCATIONS PER CBC 2512:

- I) OVER VAPOR RETARDER
- 2) IN AREAS SUBJECT TO CONTINUOUS HIGH HUMIDITY

3) ON CEILING WHERE FRAME SPACING EXCEEDS 12" ON CENTER

PROVIDE MOISTURE RESISTANT UNDERLAYMENT TO A MIN. HEIGHT O ABOVE DRAIN IN ALL SHOWERS W/TEMPERED GLASS ENCLOSURE PI CBC 807.1.3.

TUB AND SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NON-ABSORBENT SURFACE. SUCH WALL SURFACES SHALL EXTEND " HEIGHT OF NO LESS THAN 6 FEET ABOVE THE FLOOR (R301.2)

MATERIALS USED AS BACKERS FOR WALL TILE IN TUB \$ SHOWER AF SHALL BE GLASS MAT GYPSUM PANEL, FIBER-REINFORCED GYPSUM PANELS, NON-ASBESTOS FIBER-CEMENT BACKER BOARD, OR NON-ASBESTOS FIBER-CEMENT + REINFORCED CEMENTITIOUS BACK UNITS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. (R102.4.2)

PROVIDE BLOCKING IN WALLS @ TOWEL BAR LOCATIONS

MECHANICAL \$ HVAC

MECHANICAL DEVISES DUCTING SHOWN ON DRAWINGS INDICATES ARCHITECTURAL DESIGN INTENT ONLY. MECHANICAL SUBCONTRACTOR MEET WITH OWNER'S FINAL APPROVAL AND/OR REVISIONS.

CONTRACTOR TO PROVIDE OWNER MANUALS FOR ALL NEWLY INSTAL APPLIANCES AND DEVICES SUCH AS: HEATING & COOLING SYSTEMS LIGHTING, SECURITY SYSTEMS, ETC.

INSTALLATION OF ALL LISTED EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS; SPECS SHALL BE PROVIDED TO FIELD INSPECTOR AT THE TIME OF INSPECTION PER CMC 303.1

PROVIDE COMBUSTION AIR FOR FUEL BURNING APPLIANCES PER CI CHAPTER 1 \$ CPC CHAPTER 5.

A "BATHROOM" WHICH CONTAINS A BATHTUB, SHOWER, TUB/SHOWER COMBINATION, SHALL BE MECHANICALLY VENTILATED WITH AN EXHA FAN THAT COMPLIES WITH CGBS 4.506 AND SHALL INCLUDE THE FOLLOWING:

- HAVE A MINIMUM VENTILATION RATE OF 50 CFM AND BE ENER STAR COMPLIANT AND MUST BE CONTROLLED BY A HUMIDISTA WHICH SHALL BE READILY ACCESSIBLE.
- HUMIDISTAT CONTROLS SHALL BE CAPABLE OF ADJUSTMENT
 BETWEEN A RELATIVE HUMIDITY OF 50% TO 80%. THE CONTRO
 BE A SEPARATE COMPONENT OR INTEGRAL TO THE EXHAUST
- ALL LIGHTING SHALL BE SWITCHED SEPARATELY FROM EXHAUS FAN(S) OR IF FAN IS INTEGRAL WITH LIGHTING IT SHALL BE POSS FOR LIGHTING TO MANUALLY TURNED ON AND OFF WHILE ALLOW THE FAN TO CONTINUE TO OPERATE FOR AN EXTENDED PERIOD

ALL EXHAUST OUTLETS SHALL MAINTAIN A 3'- Θ'' CLEARANCE FROM OPERABLE OPENING.

WATERHEATER(S), HEAT PUMP SYSTEMS, AND FURNACES TO BE CEO CERTIFIED. WATER HEATERS TO HAVE PRESSURE \$ TEMPERATURE 1 DEVICES AND DISCHARGE TO OUTSIDE PER CBC 608.5.

PLUMBING FIXTURES - WATER EFFICIENCY STANDARDS:

COMPLIANT WATER-CONSERVING PLUMBING FIXTURES SHALL BE INST PER MONTEREY PENINSULA WATER MANAGEMENT DISTRICTS (MPWMI AND/OR PER CALIFORNIA ENERGY COMMISSION REQUIREMENTS:

- KITCHEN FAUCETS: 1.8 GPM @ 60 PSI, KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE MAX FLOW RATE, BUT NOT TO EX 2.2 GPM @ 60 PSI.
 LAVATORY FAUCETS: 1.2 GPM @ 60 PSI MAX, 0.8 GPM @ 20 P
- LAVATORT FAUCETS: 1.2 GFM @ 60 PSI MAX, 0.8 GFM @ 20 P
 SHOWERHEAD: 1.8 GPM @ 80 PSI
 TOILETS: HIGH EFFICIENCY (HET): 1.28 GPF OR ULTRA-HIGH EFFICIENCY (HET) (HET): 1.28 GPF OR ULTRA-HIGH EFFICIENCY (HET) (HET):
- (UHET): 0.8 GPF. - HIGH EFFICIENCY CLOTHES WASHERS: 5.0 WATER FACTOR OR I - HIGH EFFICIENCY DISHWASHERS: 5.8 GPC
- ALL PLUMBING FINISHES \$ TRIM TO BE SELECTED BY OWNER.

WATER CLOSETS AND ASSOCIATED FLUSHOMETER VALVES, IF ANY, S MEET PERFORMANCE STANDARDS BY A.N.S.I.S. A112.19.2 H\$S CODE, 17921.3 (B).

IN SHOWERS \$ TUB/SHOWER COMBOS, CONTROL VALVES \$ SHOWER SHALL BE LOCATED IN SUCH A WAY SO THAT THE SHOWER HEAD DO NOT DISCHARGE DIRECTLY AT THE ENTRANCE OF THE COMPARTMEN AND THE BATHER CAN ADJUST THE VALVES PRIOR TO STEPPING IN SHOWER SPRAY.

PROVIDE MOISTURE RESISTANT UNDERLAYMENT TO A MIN. HEIGHT OF ABOVE DRAIN IN ALL SHOWERS W/TEMPERED GLASS ENCLOSURE PE CBC 807.1.3.

SHOWERS AND TUB/SHOWER COMBINATIONS SHALL BE PROVIDED WIINDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE,

THERMOSTATIC OR COMBINATION PRESSURE BALANCE AND THERMOSTATIC TYPES THAT PROVIDE SCALD AND THERMAL SHOCK PROTECTION, PER CPC SECT 410.1.

CONTROL VALVES AND SHOWER HEADS SHALL BE LOCATED ON THE SIDEWALL OF SHOWER COMPARTMENTS, ARRANGED SO THAT THE SI HEAD DOES NOT DISCHARGE DIRECTLY AT THE ENTRANCE TO THE COMPARTMENT SO THAT THE BATHER CAN ADJUST THE VALVES PR STEPPING INTO THE SHOWER SPRAY.

NO UNDER FLOOR CLEAN-OUT SHALL BE LOCATED MORE THAN 20 F FROM ACCESS DOOR, TRAP DOOR, OR CRAWL HOLE PER CPC SEC 101.10.

EQUIPMENT & ELECTRICAL NOTES:

ELECTRICAL AND LIGHTING DEVICES SHOWN ON DRAWINGS INDICATES ARCHITECTURAL DESIGN INTENT ONLY. ELECTRICAL CONTRACTOR TO WITH OWNER'S FINAL APPROVAL AND/OR REVISIONS.

VERIFY PHONE $\$ TV JACK LOCATIONS WITH OWNER PRIOR TO INSTAL - TYPICAL.

CONTRACTOR TO PROVIDE OWNER MANUALS FOR ALL NEWLY INSTALLED APPLIANCES AND DEVICES SUCH AS: HEATING \$ COOLING SYSTEMS, LIGHTING, SECURITY SYSTEMS, ETC.

GENERAL NOTES

NER.	INSTALLATION OF ALL LISTED EQUIPMENT SHALL BE PROVIDED TO THE FIELD INSPECTOR AT THE TIME OF INSPECTION PER CMC 303.1
L JOINT	ALL ELECTRICAL FIXTURES & APPLIANCES MAKE & MODELS PER OWNER'S
E	SPECIFICATIONS SHALL BE INSTALLED FER MANUFACTURER'S SPECS AND SHALL COMPLY WITH 2019 CA ENERGY CODE.
DIN	INSTALLED LUMINARIES SHALL BE CLASSIFIED AS HIGH-EFFICACY OR LOW-EFFICACY FOR COMPLIANCE WITH CENC SECTION 150.0(K) IN ACCORDANCE WITH TABLE 150.0-A OR TABLE 150.0-B, AS APPLICABLE.
DF 72"	HYBRID LUMINARIES: WHEN A HIGH EFFICACY AND LOW EFFICACY LIGHTING SYSTEM ARE COMBINED TOGETHER IN A SINGLE LUMINAIRE, THE HIGH EFFICACY AND LOW EFFICACY LIGHTING SYSTEMS SHALL SEPARATELY COMPLY WITH THE APPLICABLE PROVISIONS OF SECTION 150.0(K).
ER	THE WATTAGE AND CLASSIFICATION OF PERMANENTLY INSTALLED LUMINAIRES IN KITCHEN SHALL BE DETERMINED IN ACCORDANCE WITH SECTION 130.0(C).
TO A	BALLASTS FOR FLUORESCENT LAMPS RATED 13 WATTS OR GREATER SHALL BE ELECTRONIC AND SHALL HAVE AN OUTPUT FREQUENCY NO LESS THAN 20 KHZ.
M SER	PERMANENTLY INSTALLED NIGHT LIGHTS AND NIGHT LIGHTS INTEGRAL TO INSTALLED LUMINAIRES OR EXHAUST FANS SHALL BE RATED TO CONSUME NO MORE THAN FIVE WATTS OF POWER PER LUMINAIRE OR EXHAUST FAN AS DETERMINED IN ACCORDANCE WITH SECTION 130.0(C). NIGHT LIGHTS SHALL NOT BE REQUIRED TO BE CONTROLLED BY VACANCY SENSORS.
	LIGHTING INTEGRAL TO EXHAUST FANS SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 150.0(K) EXCEPT LIGHTING INSTALLED BY THE MANUFACTURER IN KITCHEN EXHAUST HOODS.
OR TO ALLED S,	EXHAUST FANS SHALL BE SWITCHED SEPARATELY FROM LIGHTING SYSTEMS PER TO SECTION 150.0(K)2B. EXCEPTION: LIGHTING INTEGRAL TO AN EXHAUST FAN MAY BE ON THE SAME SWITCH AS THE FAN PROVIDED THE LIGHTING CAN BE SWITCHED OFF IN ACCORDANCE WITH THE APPLICABLE PROVISIONS IN SECTION 150(K)2 WHILE ALLOWING THE FAN TO CONTINUE TO OPERATE FOR AN EXTENDED PERIOD OF TIME.
THE THE	NO CONTROLS SHALL BYPASS A DIMMER OR VACANCY SENSOR FUNCTION WHERE THAT DIMMER OR VACANCY SENSOR HAS BEEN INSTALLED TO COMPLY WITH SECTION 150.0(K).
MC	LIGHTING CONTROLS SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 110.9.
R Aust	THE TOTAL RATED WATTAGE OF PERMANENTLY INSTALLED LIGHTING IN KITCHENS SHALL BE HIGH EFFICACY.
2GY AT	BATHROOM RECEPTACLE OUTLETS SHALL BE SUPPLIED BY AT LEAST ONE 20-AMP CIRCUIT. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS.
PL MAY FAN.	AT LEAST ONE LIGHT INSTALLED IN BATHROOMS, ATTACHED AND DETACHED GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL BE HIGH EFFICACY LUMINAIRES AND CONTROLLED BY VACANCY SENSORS.
ST SIBLE WING DD.	LIGHTING INSTALLED IN ROOMS OR AREAS OTHER THAN IN KITCHENS, BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS SHALL BE HIGH EFFICACY, OR SHALL BE CONTROLLED BY EITHER DIMMERS OR VACANCY SENSORS EXCEPT LUMINAIRES IN CLOSETS LESS THAN 10 SQ. FT PER SECT. 150.0(K)7.
ANY	LUMINAIRES RECESSED INTO CEILINGS SHALL MEET ALL OF THE FOLLOWING REQUIREMENTS:
C RELIEF	A. BE LISTED, AS DEFINED IN SECTION 100.1, FOR ZERO CLEARANCE INSULATION CONTACT (IC) BY UNDERWRITERS LABORATORIES OR OTHER NATIONALLY RECOGNIZED TESTING/RATING LABORATORY; AND
TALLED 1D)	B. HAVE A LABEL THAT CERTIFIES THAT THE LUMINAIRE IS AIRTIGHT WITH AIR LEAKAGE LESS THAN 2.0 CFM AT 15 PASCALS WHEN TESTED IN ACCORDANCE WITH ASTM E283. AN EXHAUST FAN HOUSING SHALL NOT BE REQUIRED TO BE CERTIFIED AIRTIGHT; AND
XCEED °SI MIN. CIENCY	C. BE SEALED WITH A GASKET OR CAULK BETWEEN THE LUMINAIRE HOUSING AND CEILING, AND SHALL HAVE ALL AIR LEAK PATHS BETWEEN CONDITIONED AND UNCONDITIONED SPACES SEALED WITH A GASKET OR CAULK; AND
LESS	D. FOR RECESSED COMPACT FLUORESCENT LUMINAIRES WITH BALLASTS TO QUALIFY AS HIGH EFFICACY FOR COMPLIANCE WITH SECTION 150.0(K), THE BALLASTS SHALL BE CERTIFIED TO THE COMMISSION TO COMPLY WITH THE APPLICABLE REQUIREMENTS IN SECTION 110.3; AND
SHALL SECT	E. ALLOW BALLAST MAINTENANCE AND REPLACEMENT TO BE READILY ACCESSIBLE TO BUILDING OCCUPANTS FROM BELOW THE CEILING WITHOUT REQUIRING THE CUTTING OF HOLES IN THE CEILING.
HEADS DOES ENT, NTO THE DF 12"	RESIDENTIAL OUTDOOR LIGHTING PERMANENTLY MOUNTED TO THE DWELLING OR TO OTHER BUILDINGS ON THE SAME LOT SHALL BE CONTROLLED BY A MANUAL ON AND OFF SWITCH AND CONTROLLED BY A PHOTOCELL AND MOTION SENSOR OR BY PHOTO-CONTROL AND AUTOMATIC TIME SWITCH CONTROL OR BY ASTRONOMICAL TIME CLOCK CONTROL THAT AUTOMATICALLY TURNS THE OUTDOOR LIGHTING OFF DURING DAYLIGHT HOURS OR BY AN ENERGY MANAGEMENT CONTROL SYSTEM
JITH	LUMINARIES INSTALLED IN CLOSETS SHALL COMPLY WITH CEC SECTIONS $410.2 \$ $410.16.$
ĸ	ONLY LUMINAIRES OF THE FOLLOWING TYPES SHALL BE PERMITTED IN A CLOSET:
E BHOWER	 SURFACE-MOUNTED OR RECESSED INCANDESCENT OR LED LUMINAIRES WITH COMPLETELY ENCLOSED LIGHT SOURCES SURFACE-MOUNTED OR RECESSED FLUORESCENT LUMINAIRES SURFACE-MOUNTED FLUORESCENT OR LED LUMINAIRES IDENTIFIED AS SUITABLE FOR INSTALLATION WITHIN THE CLOSET STORAGE SPACE
RIOR TO	THE MINIMUM CLEARANCE BETWEEN LUMINAIRES INSTALLED IN CLOTHES
FEET CT	BE AS FOLLOWS: 1. 12 IN. FOR SURFACE-MOUNTED INCANDESCENT OR LED LUMINAIRES WITH A COMPLETELY ENCLOSED LIGHT SOURCE INSTALLED ON THE WALL ABOVE THE DOOR OR ON THE CEILING.
ES O MEET	2. 6 IN. FOR SURFACE-MOUNTED FLUORESCENT LUMINAIRES INSTALLED ON THE WALL ABOVE THE DOOR OR ON THE CEILING. 3. 6 IN. FOR RECESSED INCANDESCENT OR LED LUMINAIRES WITH A COMPLETELY ENCLOSED LIGHT SOURCE INSTALLED IN THE WALL OR THE
LLATION	CEILING. 4. 6 IN. FOR RECESSED FLUORESCENT LUMINAIRES INSTALLED IN THE WALL OR THE CEILING

5. SURFACE-MOUNTED FLUORESCENT OR LED LUMINAIRES SHALL BE PERMITTED TO BE INSTALLED WITHIN THE CLOSET STORAGE SPACE WHERE IDENTIFIED FOR THIS USE.

A RECEPTACLE OUTLET SHALL BE INSTALLED IN KITCHEN AND DINING AREA COUNTER WALL SPACE 12" OR WIDER SO THAT NO POINT IS MORE THAN 24", MEASURED HORIZONTALLY, FROM A RECEPTACLE OUTLET.

EXCEPTION: RECEPTACLE OUTLETS ARE NOT REQUIRED ON A WA DIRECTLY BEHIND A RANGE, COUNTER-MOUNTED COOKING UNIT O

A MINIMUM OF TWO 20 AMP SMALL APPLIANCE BRANCH CIRCUITS BE PROVIDED FOR KITCHEN OUTLETS PER CEC 210.11C.1.

AT LEAST ONE ADDITIONAL 20-AMPERE BRANCH CIRCUIT SHALL PROVIDED TO SUPPLY THE LAUNDRY RECEPTACLE OUTLET(S) RE BY 210.52(F). THIS CIRCUIT SHALL HAVE NO OTHER OUTLETS.

BATHROOM RECEPTACLE OUTLETS SHALL BE SUPPLIED BY AT L AMP CIRCUIT. SUCH CIRCUITS SHALL HAVE NO OTHER OUTLETS.

LIGHT FIXTURES IN TUB OR SHOWER ENCLOSURES ARE TO BE LAE "SUITABLE FOR WET LOCATIONS" OR "SUITABLE FOR DAMP LOCA"

ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION. ALL 1220-VOLT 15 AND 20 AMPERE OR BRANCH CIRCUITS SUPPL OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROMS, DINING ROOM ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, K RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OF SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRU COMBINATION-TYPE. GUESTROOMS (210-18) AND GUEST SUITES TH PROVIDED WITH PERMANENT PROVISIONS FOR COOKING SHALL 4 [210-12(B)]

GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION REQUIRED A BATHROOMS; GARAGES AND ACCESSORY BUILDINGS; OUTDOOR: SPACES; UNFINISHED BASEMENTS; KITCHENS; LAUNDRY; UTILITY AN BARS WHERE THE RECEPTACLE IS WITHIN 6'-0" OF THE OUTSIDE I THE SINK [210-8(B)]

TAMPER RESISTANT RECEPTACLES ARE REQUIRED IN ALL LOCA

SMOKE DETECTORS

VERIFY EXISTING SMOKE DETECTORS OR INSTALL NEW PER BELC 1. A SMOKE DETECTOR, APPROVED AND LISTED BY THE STAT MARSHAL PURSUANT TO SECTION 13114, SHALL BE INSTALLED

- ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. 2. SMOKE ALARMS SHALL BE INSTALLED IN EACH SLEEPING RC OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATI
- OF THE BEDROOMS (CRC R314.3). 3. SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH A MAN THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL AL THE ALARM SHALL BE CLEARLY AUDIBLE IN ALL BEDROOMS
- BACKGROUND NOISE LEVELS WITH ALL INTERVENING DOORS (CRC R314.5).
 4. SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FR BUILDING WIRING PROVIDED THAT SUCH WIRING IS SERVED F
- COMMERCIAL SOURCE AND SHALL BE EQUIPPED WITH A BA BACKUP. SMOKE ALARMS SHALL EMIT A SIGNAL WHEN THE E ARE LOW. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN AS REQUIRED FOR OVER-CURRENT PROTECTION (CRC R314.4). EXCEPTIONS:
- 1. SMOKE ALARMS ARE PERMITTED TO BE SOLELY BATTER OPERATED IN BUILDINGS THAT ARE NOT SERVED FROM A COMMERCIAL POWER SOURCE.
- 2. SMOKE ALARMS ARE PERMITTED TO BE SOLELY BATTER OPERATED IN EXISTING AREAS OF BUILDINGS UNDERGOING ALTERATIONS OR REPAIRS THAT DO NOT RESULT IN THE R OF INTERIOR WALLS OR CEILING FINISHES EXPOSING THE ST UNLESS THERE IS AN ATTIC, CRAWL SPACE OR BASEMENT AVAILABLE WHICH COULD PROVIDE ACCESS FOR BUILDING WITHOUT THE REMOVAL OF INTERIOR FINISHES.

CO, DETECTORS/ALARMS:

CARBON MONOXIDE ALARMS SHALL BE LISTED AS COMPLYING U 2034 AND BE INSTALLED AND MAINTAINED IN ACCORDANCE WIT 120 AND THE MANUFACTURER'S INSTRUCTIONS R315.1.

CARBON MONOXIDE ALARMS REQUIRED BY SECTION R315.1 SHAL INSTALLED OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING THE IMMEDIATE VICINITY OF THE BEDROOM(S) (CRC R315.1.4).

CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY PO FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM COMMERCIAL SOURCE AND SHALL BE EQUIPPED WITH A BATTER BACK-UP. ALARM WIRING SHALL BE DIRECTLY CONNECTED TO TH PERMANENT BUILDING WIRING WITHOUT A DISCONNECTING SWITCH THAN AS REQUIRED FOR OVER-CURRENT PROTECTION. (CRC R31 EXCEPTIONS:

- 1. IN DWELLING UNITS WHERE THERE IS NO COMMERCIAL POW SUPPLY CARBON MONOXIDE ALARMS MAY BE SOLELY BA OPERATED
- 2. OTHER POWER SOURCES RECOGNIZED FOR USE BY NFPA WHERE MORE THAN ONE CARBON MONOXIDE ALARM IS RE TO BE INSTALLED WITHIN THE DWELLING UNIT OR WITHIN A SU UNIT THE ALARM SHALL BE INTERCONNECTED IN A MANNER ACTIVATION OF ONE ALARM SHALL ACTIVATE ALL OF THE , IN THE INDIVIDUAL (CRC R315.1.3).

	Revision/Issue Date
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	12/15/2022 Drawn By: ДАР
	Scale: N.T.S.

California 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE **RESIDENTIAL MANDATORY MEASURES. SHEET 1** (July 2021, Includes July 2021 Supplement)

CHAPTER 3	Y N/A RESPON. PARTY		Y N/A RESPON. PARTY		
GREEN BUILDING					
SECTION 301 GENERAL		4.106.4.2 New multifamily dwellings. If residential parking is available, ten (10) percent of the total number			
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		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 future EVSE. Calculations for the required number of EV		4.201 GENERAL	
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.		spaces shall be rounded up to the nearest whole number.		4.201.1 SCOPE. For the purposes of mandatory energy efficiency standards in this code, the Commission will continue to adopt mandatory standards.	e California Energy
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		 Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging. 		DIVISION 4.3 WATER EFFICIENCY AND CONSERV	ATION
building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration		 There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use. 		4.303 INDOOR WATER USE	(set a set a set a set a
Note: On and after January 1, 2014, residential buildings undergoing permitted alterations, additions, or		 A parking space served by electric vehicle supply equipment or designated as a future EV charging space shall count as at least one standard automobile parking space for the purpose of complying with 		4.303.1 WATER CONSERVING PLUMBING FIX TORES AND FIT TINGS. Plumbing fixtures urinals) and fittings (faucets and showerheads) shall comply with the sections 4.303.1.1	(water closets and 1, 4.303.1.2, 4.303.1.3
improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate		any applicable minimum parking space requirements established by a local jurisdiction. See <i>Vehicle Code</i> Section 22511.2 for further details.		Ally 4.505.4.4.	ed with water-conserv
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 fixture, types of residential buildings affected and		4.106.4.2.1 Electric vehicle charging space (EV space) locations. Construction documents shall		plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a completion, certificate of occupancy, or final permit approval by the local building	certificate of final
other important enactment dates.		shall be located in the common use parking area and shall be available for use by all residents.		Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixtur buildings affected and other important enactment dates.	e, types of residentia
301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD] The provisions of		4 106 4 2 1 1 Electric Vehicle Charging Stations (EVCS) When EV chargers are installed. EV spaces		4.303.1.1 Water Closets. The effective flush volume of all water closets shall not exce	eed 1.28 gallons per
buildings, or both. Individual sections will be designated by banners to indicate where the section applies		required by Section 4.106.2.2, Item 3, shall comply with at least one of the following options:		flush. Tank-type water closets shall be certified to the performance criteria of the U.S. Specification for Tank-type Toilets.	EPA WaterSense
high-rise buildings, no banner will be used.		1. The EV space shall be located adjacent to an accessible parking space meeting the requirements of the <i>California Building Code</i> , Chapter 11A, to allow use of the EV charger		Note: The effective flush volume of dual flush toilets is defined as the composite	e, average flush volun
SECTION 302 MIXED OCCUPANCY BUILDINGS		from the accessible parking space. 2. The EV space shall be located on an accessible route, as defined in the <i>California Building</i>		4.303.1.2 Urinals. The effective flush volume of wall mounted urinals shall not exceed	1 0,125 gallons per flu
302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building		Exception: Electric vehicle charging stations designed and constructed in compliance with the		The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush.	
shall comply with the specific green building measures applicable to each specific occupancy. Exceptions:		California Building Code, Chapter 11B, are not required to comply with Section 4.106.4.2.1.1 and Section 4.106.4.2.2, Item 3.		4.303.1.3 Showerheads.	
comply with Chapter 4 and Appendix A4, as applicable. 2 [HCD] For purposes of CAL Green, live/work units, complying with Section 419 of the California		Note: Electric Vehicle charging stations serving public housing are required to comply with the California		4.303.1.3.1 Single Showerhead. Showerheads shall have a maximum flow rat gallons per minute at 80 psi. Showerheads shall be certified to the performance	e of not more than 1.8 criteria of the U.S. EF
Building Code, shall not be considered mixed occupancies. Live/Work units shall comply with Chapter 4 and Appendix A4, as applicable.		Building Code, Chapter 11B.		VaterSense Specification for Snowerneads.	nued by more than or
		4.106.4.2.2 Electric vehicle charging space (EV space) dimensions. The EV space shall be designed to comply with the following:		showerhead, the combined flow rate of all the showerheads and/or other shower a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower showe	outlets controlled by all be designed to on
DIVISION 4.1 PLANNING AND DESIGN		 The minimum length of each EV space shall be 18 feet (5486 mm). The minimum width of each EV space shall be 9 feet (2743 mm). 		allow one shower outlet to be in operation at a time.	
		 One in every 25 EV spaces, but not less than one EV space, shall have an 8-foot (2438 mm) wide minimum aisle. A 5-foot (1524 mm) wide minimum aisle shall be permitted provided the 		Note: A hand-held shower shall be considered a showerhead.	
ABBREVIATION DEFINITIONS: HCD Department of Housing and Community Development		minimum width of the EV space is 12 feet (3658 mm).		4.303.1.4 Faucets.	
BSC California Building Standards Commission DSA-SS Division of the State Architect, Structural Safety OSHED Office of Statewide Health Denning and Development		 Surface slope for this EV space and the aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083 percent slope) in any direction. 		4.303.1.4.1 Residential Lavatory Faucets. The maximum flow rate of resident not exceed 1.2 gallons per minute at 60 psi. The minimum flow rate of residentia	al lavatory faucets sh al lavatory faucets sha
LR Low Rise HR High Rise		A 106 A 2 2 Single EV appear required leatelling listed second state in a coole to		4.303.1.4.2 Lavatory Faucets in Common and Public Use Areas. The mavin	num flow rate of lavate
AA Additions and Alterations N New		4. 100.4.2.3 Single EV space required. Install a listed raceway capable of accommodating a 208/240- volt dedicated branch circuit. 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		faucets installed in common and public use areas (outside of dwellings or sleepir buildings shall not exceed 0.5 gallons per minute at 60 psi.	ng units) in residential
		cabinet, box or enclosure in close proximity to the proposed location of the EV space. Construction documents shall identify the raceway termination point. The service panel and/or subpanel shall provide		4.303.1.4.3 Metering Faucets. Metering faucets when installed in residential be	uildings shall not deliv
CHAPTER 4		capacity to install a 40-ampere minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.		more than 0.2 gallons per cycle.	at avaged 1.9 galler
RESIDENTIAL MANDATORY MEASURES		Exemption: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch		per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the to exceed 2.2 callons per minute at 60 psi. and must default to a maximum flow.	ne maximum rate, but rate of 1.8 gallons pe
		circuit is installed in close proximity to the proposed location of an EV charger, at the time of original construction in accordance with the <i>California Electrical Code</i> .		minute at 60 psi.	rate of 1.0 gallons per
SECTION 4.102 DEFINITIONS		4.106.4.2.4 Multiple EV spaces required. Construction documents shall indicate the raceway termination point and proposed location of future EV spaces and EV chargers. Construction documents		Note: Where complying faucets are unavailable, aerators or other means may b reduction.	e used to achieve
4.102.1 DEFINITIONS The following terms are defined in Chapter 2 (and are included here for reference)		shall also provide information on amperage of future EVSE, raceway method(s), wiring schematics and electrical load calculations to verify that the electrical panel service capacity and electrical system.		4.303.1.4.5 Pre-rinse spray valves.	- THE 66 (1)
FRENCH DRAIN. A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar		including any on-site distribution transformer(s), have sufficient capacity to simultaneously charge all EVs at all required EV spaces at the full rated amperage of the EVSE. Plan design shall be based upon a		vynen installed, shall meet the requirements in the <i>California Code of Regulation</i> Efficiency Regulations), Sections 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)((d)(7) and shall be equipped with an integral outcometic struteff	A), and Section 1607
ware set to content of the set of		40-ampere minimum branch circuit. Required raceways and related components that are planned to be installed underground, enclosed, inaccessible or in concealed areas and spaces shall be installed at the time of original construction.		FOR REFERENCE ONLY: The following table and code section have been repri	inted from the Californ
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 inlet controls.		time or original construction. Exemption: A raceway is not required if a minimum 40-ampere 209/240 yolt dedicated EV breach		<i>Code of Regulations</i> , Title 20 (Appliance Efficiency Regulations), Section 1605.1 1605.3 (h)(4)(A).	(h)(4) and Section
4.106 SITE DEVELOPMENT		circuit is installed in close proximity to the proposed location of an EV charger, at the time of original construction in accordance with the California Electrical Code.]
4.106.1 GENERAL. Preservation and use of available natural resources shall be accomplished through evaluation and careful planning to minimize negative effects on the site and adjacent areas. Preservation of slopes,					
4 106 2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION. Broidets which disturb loss		4.106.4.2.5 Identification . The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Cardian		STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY	28 2010
than one acre of soil and are not part of a larger common plan of development which in total disturbs one acre or more, shall manage storm water drainage during construction. In order to manage storm water drainage					20, 2010
during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site.		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		[spray force in ounce force (ozf)] MAXIMUM FLOW RATI	E (gpm)
1. Retention basins of sufficient size shall be utilized to retain storm water on the site.		of the EV spaces.		Product Class 1 (≤ 5.0 ozf) 1.00	
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 approved by the enforcing against.		Notes:		Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf) 1.20	
 Compliance with a lawfully enacted storm water management ordinance. 		 Construction documents are intended to demonstrate the project's capability and capacity or facilitating future EV charging. There is no consistent for EV charging. 		Product Class 3 (> 8.0 ozf) 1.28	
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		 A parking space served by electrical vehicle supple equipment or designed as a future EV. 		Title 20 Section 1605.3 (h)(4)(A): Commercial prerinse spray values manufacture	ed on or after Januarv
(Website: https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html)		charging space shall count as at least one standard automobile parking space for the purpose of complying with any applicable minimum parking space requirements established by a local		1, 2006, shall have a minimum spray force of not less than 4.0 ounces-force (ozf)[113 grams-force(gf)]
4.106.3 GRADING AND PAVING. Construction plans shall indicate how the site grading or drainage system will		jurisdiction. See Vehicle Code Section 22511.2 for further details.		4.303.2 Submeters for multifamily buildings and dwelling units in mixed-used res	idential/commercial
manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:		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		Submeters shall be installed to measure water usage of individual rental dwelling units	in accordance with th
 Swales Water collection and disposal systems 		Table 4.106.4.3.1. Calculations for the required number of EV spaces shall be rounded up to the nearest whole number.			
 French drains Water retention gardens 		TABLE 4.106.4.3.1		4.303.3 Standards for plumbing fixtures and fittings. Plumbing fixtures and fittings accordance with the <i>California Plumbing Code</i> , and shall meet the applicable standards	shall be installed in s referenced in Table
 Other water measures which keep surface water away from buildings and aid in groundwater recharge. 		TOTAL NUMBER OF PARKING NUMBER OF REQUIRED EV		1701.1 of the California Plumbing Code.	
Exception: Additions and alterations not altering the drainage path.		SPACES SPACES		NOTE:	
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 to facilitate future installation and use of EV chargers. Electric vehicle supply				THIS TABLE COMPILES THE DATA IN SECTION 4.303.1, AND IS INCLUDED AS A CONVENIENCE FOR THE USER.	
equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article 625.		10-25 1			_
Exceptions: 1. On a case-by-case basis, where the local enforcing agency has determined EV charging and		26-50 2		TABLE - MAXIMUM FIXTURE WATER USE	_
Infrastructure are not feasible based upon one or more of the following conditions: 1.1 Where there is no commercial power supply.		51-75 4		FIXTURE TYPE FLOW RATE SHOWER HEADS	_
1.2 where there is evidence substantiating 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 side cost to the homeowner or the developer by more than \$400.00 per		76-100 5 101-150 7		(RESIDENTIAL) 1.8 GMP @ 80 PSI	_
dwelling unit. 2. Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional		151-200 10		LAVATORY FAUCETSMAX. 1.2 GPM @ 60 PSI(RESIDENTIAL)MIN. 0.8 GPM @ 20 PSI	
parking facilities.		201 and over 6 percent of total		LAVATORY FAUCETS IN COMMON & PUBLIC USE AREAS 0.5 GPM @ 60 PSI	
4.106.4.1 New one- and two-family dwellings and townhouses with attached private garages. For each		4.106.4.3.2 Electric vehicle charging space (EV space) dimensions. The EV spaces shall be designed to		KITCHEN FAUCETS 1.8 GPM @ 60 PSI	
dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main		comply with the following:		METERING FAUCETS 0.2 GAL/CYCLE	
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 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and of the service panel shall provide capacity to install a 40 amount of the service panel and/or subpanel shall provide capacity to install a 40 amount of the service panel and of the service panel shall provide capacity to install a 40 amount of the service panel shall provide capacity to install a 40 amount of the service panel shall provide capacity to install a 40 amount of the service panel shall provide capacity to install a 40 amount of the service panel shall provide capacity to install a 40 amount of the service panel shall provide capacity to install a 40 amount of the service panel shall provide capacity to install a 40 amount of the service panel shall provide capacity to install panel shall provide capacity to install panel shall provide capacity to install panel shall panel sh		 I ne minimum length of each EV space shall be 18 feet (5486mm). The minimum width of each EV space shall be 9 feet (2743mm) 		WATER CLOSET 1.28 GAL/FLUSH URINALS 0.125 CAL/FLUSH	_
208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.		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		UTIMALO U.125 GAL/FLUSH	
Exemption: A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is		4.106.4.3.4 Multiple EV spaces required. When multiple EV spaces are required the EV spaces shall be	¥ □	4.304 OUTDOOR WATER USE	monto obell serves
installed in close proximity to the proposed location of an EV charger at the time of original construction in accordance with the <i>California Electrical Code</i> .		designed in accordance with Section 4.106.4.2.4.		a.out. I OUTDOOK POTABLE WATER USE IN LANDSCAPE AREAS. Residential develop a local water efficient landscape ordinance or the current California Department of Water Res Efficient Landscape Ordinance (MWELO), whichever is more stringent	ources' Model Water
4406 444 Identification. The contine neural or submenced significations shall identify the supremument		4.106.4.3.5 Identification. The service panels or sub-panels shall be identified in accordance with Section 4.106.4.2.5.		NOTES:	
4.106.4.1.1 Identification. The service panel of subpanel circuit directory shall identify the overcurrent					
protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".		4.106.4.3.6 Accessible EV spaces. In addition to the requirements in Section 4.106.4.3, EV spaces for		1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the Californ	nia Code Regulations.

Revision/Issue Date NOT APPLICABLE RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.) N/A RESPON. PARTY DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY 4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE 4.406.1 RODENT PROOFING. Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such CONSTRUCTION, INC openings with cement mortar, concrete masonry or a similar method acceptable to the enforcing agency. SUITE 201 | MONTEREY, CA 93940 HASTINGSCONSTRUCTION.COM 4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING 4.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65 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 management ordinance. Exceptions: 1. Excavated soil and land-clearing debris. 2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist or are not located reasonably close to the jobsite. 3. The enforcing agency may make exceptions to the requirements of this section when isolated jobsites are located in areas beyond the haul boundaries of the diversion facility. 4.408.2 CONSTRUCTION WASTE MANAGEMENT PLAN. Submit a construction waste management plan HOMAS OWENS WAY, S) 620-0920 | DESIGN@H t: 791539 CLASS: A/B 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. S HASTING 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. 2. Specify if construction and demolition waste materials will be sorted on-site (source separated) or bulk mixed (single stream). 3. Identify diversion facilities where the construction and demolition waste material collected will be 4. Identify construction methods employed to reduce the amount of construction and demolition waste ΞΞ^ΞΗ generated. 5. Specify that the amount of construction and demolition waste materials diverted shall be calculated -11 -(83 by weight or volume, but not by both. I.408.3 WASTE MANAGEMENT COMPANY. Utilize a waste management company, approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1. Note: The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company. 4.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR]. Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 3.4 lbs./sq.ft. of the building area shall meet the minimum 65% construction waste reduction requirement in Section 4.408.1 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 4.408.1 4.408.5 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.. Notes: 1. Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at www.hcd.ca.gov/CALGreen.html may be used to assist in documenting compliance with this section. 2. Mixed construction and demolition debris (C & D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle). 4.410 BUILDING MAINTENANCE AND OPERATION 4.410.1 OPERATION AND MAINTENANCE MANUAL. At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building: 1. Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure. 2. Operation and maintenance instructions for the following: a. Equipment and appliances, including water-saving devices and systems, HVAC systems, photovoltaic systems, electric vehicle chargers, water-heating systems and other major appliances and equipment. b. Roof and yard drainage, including gutters and downspouts.

- c. Space conditioning systems, including condensers and air filters.
- Landscape irrigation systems.
- e. Water reuse systems. 3. Information from local utility, water and waste recovery providers on methods to further reduce
- resource consumption, including recycle programs and locations.
- 4. Public transportation and/or carpool options available in the area. 5. Educational material on the positive impacts of an interior relative humidity between 30-60 percent
- and what methods an occupant may use to maintain the relative humidity level in that range. 6. Information about water-conserving landscape and irrigation design and controllers which conserve
- 7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5
- feet away from the foundation. 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. 11. Information from CAL Fire on maintenance of defensible space around residential structures.

4.410.2 RECYCLING BY OCCUPANTS. Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible area(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) paper, corrugated cardboard, glass, plastics, organic waster, and metals, or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42649.82 (a)(2)(A) et seq. are note required to comply with the organic waste portion of this section.

DIVISION 4.5 ENVIRONMENTAL QUALITY

SECTION 4.501 GENERAL 4.501.1 Scope

The provisions of this chapter shall outline means of reducing the quality of air contaminants that are odorous, irritating and/or harmful to the comfort and well being of a building's installers, occupants and neighbors.

SECTION 4.502 DEFINITIONS 5.102.1 DEFINITIONS

The following terms are defined in Chapter 2 (and are included here for reference)

AGRIFIBER PRODUCTS. Agrifiber products include wheatboard, strawboard, panel substrates and door cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section 93120 1

DIRECT-VENT APPLIANCE. A fuel-burning appliance with a sealed combustion system that draws all air for combustion from the outside atmosphere and discharges all flue gases to the outside atmosphere.

IMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.



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Project:

Date: 12/15/2022

Drawn By: AAP

N.T.S.

Scale:

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California 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE **RESIDENTIAL MANDATORY MEASURES, SHEET** 2 July 2021, Includes July 2021 Supplement)

		Y N/A RESPON. PARTY		
			TABLE 4.504.2 - SEALANT VOO	
AXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change impound to the "Base Reactive Organic Gas (ROG) Mixture" per weig	e in weight of ozone formed by adding a ght of compound added, expressed to		(Less Water and Less Exempt Compounds	in Grams per Liter)
ndredths of a gram (g O³/g ROC). ote: MIR values for individual compounds and hydrocarbon solvents a	are specified in CCR, Title 17, Sections 94700		SEALANTS	VOC LIMIT
d 94701.			ARCHITECTURAL	250
DISTURE CONTENT. The weight of the water in wood expressed in p	percentage of the weight of the oven-dry woo		MARINE DECK	760
RODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for ticle. The PWMIR is the total product reactivity expressed to hundred	or all ingredients in a product subject to this this of a gram of ozone formed per gram of			300
oduct (excluding container and packaging). ote: PWMIR is calculated according to equations found in CCR, Title 1	17, Section 94521 (a).			250
EACTIVE ORGANIC COMPOUND (ROC). Any compound that has the	ne potential once emitted to contribute to		SINGLE-PLY ROOF MEMBRANE	420
one formation in the troposphere.				420
OC. A volatile organic compound (VOC) broadly defined as a chemica	al compound based on carbon chains or rings			
drogen and may contain oxygen, nitrogen and other elements. See C	CR Title 17, Section 94508(a).		NON-POROUS	250
503 FIREPLACES			POROUS	775
503.1 GENERAL. Any installed gas fireplace shall be a direct-vent so bodstove or pellet stove shall comply with U.S. EPA New Source Perf	ealed-combustion type. Any installed formance Standards (NSPS) emission limits a	S	MODIFIED BITUMINOUS	500
plicable, and shall have a permanent label indicating they are certifie illet stoves and fireplaces shall also comply with applicable local ordin	d to meet the emission limits. Woodstoves, nances.		MARINE DECK	760
504 POLLUTANT CONTROL 504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MECH DNSTRUCTION. At the time of rough installation, during storage on t artup of the heating, cooling and ventilating equipment, all duct and of eenings shall be covered with tape, plastic, sheet metal or other method duce the amount of water, dust or debris which may enter the system 504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish materials	HANICAL EQUIPMENT DURING the construction site and until final ther related air distribution component ods acceptable to the enforcing agency to i.		OTHER	750
4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealant	and caulks used on the project shall meet the caulty of the project shall meet the call or regional air pollution or air quality.	e	TABLE 4.504.3 - VOC CONTE ARCHITECTURAL COATINGS	NT LIMITS FOR
management district rules apply:			GRAMS OF VOC PER LITER OF COATI	NG, LESS WATER & LESS EXEMPT
1. Adhesives, adhesive bonding primers, adhesive primer	rs, sealants, sealant primers and caulks			VOCUMIT
applicable or SCAQMD Rule 1168 VOC limits, as show	wn in Table 4.504.1 or 4.504.2, as applicable.		FLAT COATINGS	50
compounds (chloroform, ethylene dichloride, methylen	e chloride, perchloroethylene and		NON-FLAT COATINGS	100
tricioroetriyiene), except for aerosol products, as speci	med in Subsection 2 below.		NONFLAT-HIGH GLOSS COATINGS	150
Aerosol adhesives, and smaller unit sizes of adhesives units of product, less packaging, which do not weigh m	s, and sealant or caulking compounds (in nore than 1 pound and do not consist of more		SPECIALTY COATINGS	
than 16 fluid ounces) shall comply with statewide VOC prohibitions on use of certain toxic compounds, of <i>Cali</i>	standards and other requirements, including ifornia Code of Regulations, Title 17,		ALUMINUM ROOF COATINGS	400
commencing with section 94507.			BASEMENT SPECIALTY COATINGS	400
4.504.2.2 Paints and Coatings. Architectural paints and coating the ARB Architectural Suggested Control Measure, as shown in	gs shall comply with VOC limits in Table 1 of Table 4.504.3, unless more stringent local lim	s	BITUMINOUS ROOF COATINGS	50
apply. The VOC content limit for coatings that do not meet the do	efinitions for the specialty coatings categories ting as a Elat Nonflat or Nonflat-High Gloss		BITUMINOUS ROOF PRIMERS	350
coating, based on its gloss, as defined in subsections 4.21, 4.36, Board, Suggested Control Measure, and the corresponding Elat	and 4.37 of the 2007 California Air Resource	s	BOND BREAKERS	350
Table 4.504.3 shall apply.				350
	atings shall meet the Product-weighted MIR		CONCRETE/MASONRY SEALERS	50
4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co	alings shall meet the Product-weighted Mirk		DRIVEWAY SEALERS	
4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(acluding prohibitions on use of certain toxic $(e)(1)$ and $(f)(1)$ of <i>California Code of</i>		DRIVEWAY SEALERS	150
4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent	icluding prohibitions on use of certain toxic (e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulatio		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS	150 350
4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49.	auting shall meet the Product weighted think (e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulatio		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS	150 350 350
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited 	including prohibitions on use of certain toxic (e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the t to, the following:		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS	150 350 350 100
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 	including prohibitions on use of certain toxic (e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the to, the following:		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS	150 350 350 100 250
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 2. Field verification of on-site product containers. 	(e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulatio on shall be provided at the request of the t to, the following:		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL	150 350 350 100 250 NTS) 500
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 2. Field verification of on-site product containers. 	Including prohibitions on use of certain toxic (e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulatio on shall be provided at the request of the I to, the following:		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS	150 350 350 100 250 NTS) 500 420
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 2. Field verification of on-site product containers. 	Control of the following: (a) (1) and (f)(1) of <i>California Code of</i> (a) (1) and (f)(1) of <i>California Code of</i> (a) (1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS	150 350 350 100 250 NTS) 500 420 S 250 120
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. 	Calling is shall meet the Product-weighted thirt including prohibitions on use of certain toxic (e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the to, the following:		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS	150 350 350 100 250 NTS) 500 420 S 120 450
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. 	Including prohibitions on use of certain toxic (e)(1) and (f)(1) of <i>California Code of</i> eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the to, the following: Image: T_1,2 per Liter) VOC LIMIT		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS	150 350 350 100 250 NTS) 500 420 S 250 S 250 120 450 100
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. 	The cluding prohibitions on use of certain toxic (e)(1) and (f)(1) of California Code of (eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulatio on shall be provided at the request of the (b, the following: T1.2 per Liter) VOC LIMIT 50		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS	150 350 350 100 250 NTS) 500 420 S 250 120 450 100 500
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. 	Table 2013 State Provided Weighted With Constraint to the constraint of the constraint to th		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS	150 350 350 100 250 NTS) 500 420 S 250 120 450 100 500 250
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES	The cluding prohibitions on use of certain toxic (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the l to, the following: T1.2 per Liter) VOC LIMIT 50 150		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS	150 350 350 100 250 NTS) 500 420 S 120 450 100 250 420 S 250 420 500 420 420 420 500 450 450 450 450 420
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES WOOD FLOORING ADHESIVES	The cluding prohibitions on use of certain toxic (e)(1) and (f)(1) of California Code of (eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulatio on shall be provided at the request of the (b, the following: T1.2 per Liter) VOC LIMIT 50 100		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FICOR COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATINGS LOW SOLIDS COATINGS1 MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE	150 350 350 100 250 NTS) 500 420 S 250 120 450 100 250 120 450 250 100 500 250 8 250 420 8 100 500 250 420 8 100
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES OUTDOIR ADHESIVES OUTDOI	Table 3 and model the Product weighted think (all ding prohibitions on use of certain toxic (e)(1) and (f)(1) of California Code of (eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the (b, the following: T1,2 per Liter) VOC LIMIT 50 150 100 60 50		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATINGS LOW SOLIDS COATINGS1 MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS	150 350 350 350 100 250 NTS) 500 420 S 250 120 450 100 250 420 S 250 450 100 500 250 250 250 250 250 250 250 250 350
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC THE ADHESIVES	Table 3 shall meet the Product-weighted thirty including prohibitions on use of certain toxic (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air to VOC by weight of product limits of Regulation on shall be provided at the request of the lot, the following: Image: transmission of transmission of transmission of the following: Image: transmission of t		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS	150 350 350 100 250 NTS) 500 420 S 250 120 450 100 250 120 450 100 250 100 500 250 350 250 250 250 250 250 250 250 250 250 250 250
 4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i>, Title 17, commencing with Section 94520; and in ar Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited Manufacturer's product specification. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT THE ADHESIVES	Table 3 and model the Product Weighted think (e)(1) and (f)(1) of California Code of (eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the 1 to, the following: 1 to, the following: VOC LIMIT 50 50 100 60 50 60 50		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATINGS LOW SOLIDS COATINGS1 MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS	150 350 350 350 100 250 NTS) 500 420 S 250 120 450 100 250 420 S 250 420 RS 100 350 250 500 250 500
4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section 9, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section 1. Manufacturer's product specification. 2. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES	The contract of the second contract o		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FICOR COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATINGS LOW SOLIDS COATINGS1 MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS RUST PREVENTATIVE COATINGS	150 350 350 350 100 250 NTS) 500 420 S 250 120 450 100 250 120 450 100 500 250 250 250 500 250 500 250 50 250 50 250 50 250
4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section 1. Manufacturer's product specification. 2. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES QUITDOOR CARPET ADHESIVES QUITDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES RUBBER FLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES COVE BASE ADHESIVES	Table 3 shall more the Product-weighted with (e)(1) and (f)(1) of California Code of (eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the (b, the following: $\Gamma_{1,2}$ per Liter) VOC LIMIT 50 100 60 50		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS RUST PREVENTATIVE COATINGS SHELLACS	150 350 350 100 250 NTS) 500 420 S 250 120 450 100 250 120 450 100 250 100 500 250 250 500 250 50 250 50 250 50 250 50 250
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4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 49. 49. 49. 49. 49. 1. Manufacturer's product specification. 2. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES OUTDIQUE CONSTRUCTION ADHESIVES NULTIPURPOSE CONSTRUCTION ADHESIVES SUBFLOOR ADHESIVES OUT BOOR CARPET ADHESIVES OUTDOOR CARPET NOT SIVES SUBFLOOR ADHESIVES SUBFLOOR ADHESIVES SUBFLOOR ADHESIVES SUBFLOOR ADHESIVES VCT & ASPHALT TILE ADHESIVES OVT BASE ADHESIVES OVTE BASE ADHESIVES OVTE BASE ADHESIVES OVTE BASE ADHESIVES OVE BASE ADHESIVES	The following: I = I + I + I + I + I + I + I + I + I +		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FICOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATINGS LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS RUST PREVENTATIVE COATINGS SHELLACS CLEAR OPAQUE SPECIALTY PRIMERS, SEALERS & UNDERCOATERS STAINS STONE CONSOLIDANTS SWIMMING POOL COATINGS TUB & TILE REFINISH COATINGS	150 350 350 100 250 NTS) 500 420 S 250 120 420 S 250 100 500 420 S 250 100 500 250 250 250 250 250 50 250 50 250 50 250 50 250 50 250 50 250 550 100 250 450 340 100 420 420
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4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94520; <i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 7. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams) ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE STRUCTURAL GLAZING ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING PLASTIC CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVES	allings shall be provided at the request of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the bits of the following: $\Gamma_{1,2}$ per Liter) VOC LIMIT 50 510 490 325 250 550		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS MULTICOLOR COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS RUST PREVENTATIVE COATINGS SHELLACS CLEAR OPAQUE SPECIALTY PRIMERS, SEALERS & UNDERCOATERS STAINS STONE CONSOLIDANTS SWIMMING POOL COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD DEESED/ATM/55	150 350 350 350 100 250 NTS) 500 420 S 250 120 450 100 500 420 S 250 100 450 100 500 250 350 250 420 RS 100 250 50 250 50 250 100 250 100 250 450 340 100 420 250 340 100 420 250 340 100 250 250 250 250 340 100
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4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co. Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this secti- enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 2. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES 0UTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ABS WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE SIRUETURAL WOOD MEMBER ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL	and go shall be provided at the request of the Bay Area Air (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air (t)		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FICOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS RUST PREVENTATIVE COATINGS SHELLACS CLEAR OPAQUE SPECIALTY PRIMERS, SEALERS & UNDERCOATERS STAINS STONE CONSOLIDANTS SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS TUB & TILE REFINISH COATINGS UND COATINGS INDUERCOATERS STAINS STONE CONSOLIDANTS SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS TUB & TILE REFINISH COATINGS TUB & TILE REFINISH COATINGS INC-RICH PRIMERS I. GRAMS OF VOC PER LITER OF COL EXEMPT COMPOUNDS 2. THE SPECIFIED LIMITS REMAIN IN ARE LISTED IN SUBSEQUENT COLUM 3. VALUES IN THIS TABLE ARE DERIV	150 350 350 100 250 NTS) 500 420 S 250 120 450 100 500 120 450 100 500 250 100 500 250 420 RS 100 250 50 250 50 250 50 250 40 100 250 450 340 100 250 250 250 340 100 420 250 340 350 350 350 350 350 350 350 350
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4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co. Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this section enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 2. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams I ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES WOOD FLOORING ADHESIVES RUBBER FLOOR ADHESIVES UCT & ASPHALT TILE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES COVE BASE ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ABS WELDING ABS WELDING ABS WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL GLAZING ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL PRICE CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE STRUCTURAL PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE	and go shall be provided at the request of the Bay Area Air (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulation on shall be provided at the request of the I to, the following: 100 510 490 325 250 50 30 50 50 50 50 50		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATINGS INDUSTRIAL MAINTENANCE COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS MATERLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS RUST PREVENTATIVE COATINGS SHELLACS CLEAR OPAQUE SPECIALTY PRIMERS, SEALERS & UNDERCOATERS STAINS STONE CONSOLIDANTS SWIMMING POOL COATINGS TRAFFIC MARKING COATINGS TUB & TILE REFINISH COATINGS TUB & TILE REFINISH COATINGS WOOD COATINGS IDB & TILE REFINISH COATINGS VOOD COATINGS IDB & TILE REFINISH COATINGS VOOD PRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF COU EXEMPT COMPOUNDS 2. THE SPECIFIED LIMITS REMAIN IN ARE LISTED IN SUBSEQUENT COLUM 3. VALUES IN THIS TABLE ARE DERIV THE CALIFORNIA AIR RESOURCES BE SUGGESTED CONTROL MEASURE, FE AVAILABLE FROM THE AIR RESOURCE	150 350 350 100 250 VTS) 500 420 S 250 120 450 100 500 420 S 250 120 450 100 500 250 420 RS 100 350 250 50 250 50 250 50 250 50 250 550 100 250 340 100 420 250 350 340 100 420 250 275 350 340 340
4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and co Limits for ROC in Section 94522(a)(2) and other requirements, in compounds and ozone depleting substances, in Sections 94522(<i>Regulations</i> , Title 17, commencing with Section 94520; and in an Quality Management District additionally comply with the percent 8, Rule 49. 4.504.2.4 Verification. Verification of compliance with this sectific enforcing agency. Documentation may include, but is not limited 1. Manufacturer's product specification. 7. Field verification of on-site product containers. TABLE 4.504.1 - ADHESIVE VOC LIMIT (Less Water and Less Exempt Compounds in Grams I ARCHITECTURAL APPLICATIONS INDOOR CARPET ADHESIVES CARPET PAD ADHESIVES CARPET PAD ADHESIVES OUTDOOR CARPET ADHESIVES RUBBER FLOOR ADHESIVES SUBFLOOR ADHESIVES UVOOD FLOORING ADHESIVES UVOOD FLOORING ADHESIVES CERAMIC TILE ADHESIVES VCT & ASPHALT TILE ADHESIVES DRYWALL & PANEL ADHESIVES MULTIPURPOSE CONSTRUCTION ADHESIVE SINGLE-PLY ROOF MEMBRANE ADHESIVES OTHER ADHESIVES NOT LISTED SPECIALTY APPLICATIONS PVC WELDING ABS WELDING ABS WELDING ABS WELDING PLASTIC CEMENT WELDING ADHESIVE PRIMER FOR PLASTIC CONTACT ADHESIVE STRUCTURAL WOOD MEMBER ADHESIVE SUBSTRATE SPECIFIC APPLICATIONS METAL TO METAL PLASTIC FOAMS POROUS MATERIAL (EXCEPT WOOD) WOOD	and go shall be provided at the request of the Bay Area Air (e)(1) and (f)(1) of California Code of eas under the jurisdiction of the Bay Area Air t VOC by weight of product limits of Regulatio on shall be provided at the request of the 1 to, the following: I to, the following: VOC LIMIT 50 50 100 60 50		DRIVEWAY SEALERS DRY FOG COATINGS FAUX FINISHING COATINGS FIRE RESISTIVE COATINGS FLOOR COATINGS FORM-RELEASE COMPOUNDS GRAPHIC ARTS COATINGS (SIGN PAIL HIGH TEMPERATURE COATINGS INDUSTRIAL MAINTENANCE COATING LOW SOLIDS COATINGS MAGNESITE CEMENT COATINGS MASTIC TEXTURE COATINGS MASTIC TEXTURE COATINGS METALLIC PIGMENTED COATINGS MULTICOLOR COATINGS PRETREATMENT WASH PRIMERS PRIMERS, SEALERS, & UNDERCOATE REACTIVE PENETRATING SEALERS RECYCLED COATINGS ROOF COATINGS RUST PREVENTATIVE COATINGS SHELLACS CLEAR OPAQUE SPECIALTY PRIMERS, SEALERS & UNDERCOATERS STAINS STONE CONSOLIDANTS SWIMMING POOL COATINGS TUB & TILE REFINISH COATINGS TUB & TILE REFINISH COATINGS WATERPROOFING MEMBRANES WOOD DRESERVATIVES ZINC-RICH PRIMERS 1. GRAMS OF VOC PER LITER OF CO. EXEMPT COMPOUNDS 2. THE SPECIFIED LIMITS REMAIN IN ARE LISTED IN SUBSEQUENT COLUM 3. VALUES IN THIS TABLE ARE DERIV THE CALIFORNIA AIR RESOURCES BO	150 350 350 100 250 NTS) 420 S 250 120 450 100 250 120 450 100 250 100 500 250 340 100 420 250 350 350 350 350 350 350 <
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- 1. Adhesives, adhesive bonding primers, adhesive primers, sea shall comply with local or regional air pollution control or air q applicable or SCAQMD Rule 1168 VOC limits. as shown in T Such products also shall comply with the Rule 1168 prohibition compounds (chloroform, ethylene dichloride, methylene chlor tricloroethylene), except for aerosol products, as specified in
- 2. Aerosol adhesives, and smaller unit sizes of adhesives, and s units of product, less packaging, which do not weigh more that than 16 fluid ounces) shall comply with statewide VOC standa prohibitions on use of certain toxic compounds, of California commencing with section 94507.

	ams per Liter)
ARCHITECTURAL APPLICATIONS	VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVE	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT 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 & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
10000	30
WOOD	80

Y N/A RESPON. PARTY		Y N/A RESPON. PARTY	SPON. IRTY		Y N/A RESPON. PARTY	-	Y N/A RESPON PARTY	4.
			TABLE 4 504 2 - SEALANT VOC LIMIT			TABLE 4 504 5 - FORMAL DEHYDE LIMITS		CHAF
	MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to		(Less Water and Less Exempt Compounds in Grams	sper Liter)				INST/
	hundredths of a gram (g O ³ /g ROC).		SEALANTS			PRODUCT CURRENT LIMIT		702 C
	and 94701.		ARCHITECTURAL	250		HARDWOOD PLYWOOD VENEER CORE 0.05	X	702.1 I
	MOISTURE CONTENT. The weight of the water in wood expressed in percentage of the weight of the oven-dry wood.		MARINE DECK	760		HARDWOOD PLYWOOD COMPOSITE CORE 0.05		certificatio
	PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this activity and the bundled the of a gram of a gra		NONMEMBRANE ROOF	300		PARTICLE BOARD 0.09		Examples
	product (excluding container and packaging).		ROADWAY	250		MEDIUM DENSITY FIBERBOARD 0.11		1.
	Note: Prywink is calculated according to equations found in CCR, The 17, Section 94521 (a).		SINGLE-PLY ROOF MEMBRANE	450		THIN MEDIUM DENSITY FIBERBOARD2 0.13		3.
	ozone formation in the troposphere.		OTHER	420		1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIF. AIR RESOURCES BOARD, AIR TOXICS CONTROL		4. 5.
	VOC. A volatile organic compound (VOC) broadly defined as a chemical compound based on carbon chains or rings					MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE		702.2 ទ
	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 CCR Title 17, Section 94508(a).		NON-POROLIS	250		CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH		responsib other duti
	4.503 FIREPLACES		POROUS	775		2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM		to the sati
	4.503.1 GENERAL . Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as		MODIFIED BITUMINOUS	500		THICKNESS OF 5/16" (8 MM).		considere
	applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances.		MARINE DECK	760		DIVISION 4.5 ENVIRONMENTAL OUALITY (continued)		1. 2.
	4.504 POLLUTANT CONTROL		OTHER	750		4.504.3 CARPET SYSTEMS. All carpet installed in the building interior shall meet the requirements of the California		3.
	4.504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. At the time of rough installation, during storage on the construction site and until final					from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for		4.
	startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to					California Specification 01350)		No
	reduce the amount of water, dust or debris which may enter the system.					See California Department of Public Health's website for certification programs and testing labs.		
	4.504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with this section.		TABLE 4 504 3 - VOC CONTENT LIM			https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx.		
₩ □	4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealant and caulks used on the project shall meet the		ARCHITECTURAL COATINGS23	ITS FOR		4.504.3.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health. "Standard Method for the Testing and Evaluation of Volatile Organic		[BSC] W
	management district rules apply:		GRAMS OF VOC PER LITER OF COATING, LESS	S WATER & LESS EXEMPT		Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350)		this code.
	1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks			VOCUNIT		See California Department of Public Health's website for certification programs and testing labe		recognize
	applicable or SCAQMD Rule 1168 VOC limits, as shown in Table 4.504.1 or 4.504.2, as applicable.			50		https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHI B/IAO/Pages//OC aspy		snall be c
	Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and		NON-FLAT COATINGS	100		4 504 3 2 Carnet adhesive All carnet adhesive shall meet the requirements of Table 4 504 4		Not pro
	tricloroethylene), except for aerosol products, as specified in Subsection 2 below.		NONFLAT-HIGH GLOSS COATINGS	150		4 504 4 DESILIENT EL OODING EVETEME. Métors regilient floaring is installed at least 0.004 - 4.7		
	 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 		SPECIALTY COATINGS			4.304.4 RESILIENT FLOORING SYSTEMS. Where resilient flooring is installed, at least 80% of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health, "Standard Method for the		703 V
	than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of <i>California Code of Regulations</i> . Title 17.		ALUMINUM ROOF COATINGS	400		Version 1.2, January 2017 (Emission testing method for California Specification 01350)		limited to
	commencing with section 94507.		BASEMENT SPECIALTY COATINGS	400		See California Department of Public Health's website for certification programs and testing labs.		documen
	4.504.2.2 Paints and Coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits		BITUMINOUS ROOF COATINGS	50		hhtps://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx.		the appro
	apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4 504.3 shall be determined by classifying the coating as a Elat. Nonflat or Nonflat-High Gloss		BITUMINOUS ROOF PRIMERS	350				
	coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources		BOND BREAKERS	350		4.504.5 COMPOSITE WOOD PRODUCTS. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for		
	Table 4.504.3 shall apply.			350		formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.), by or before the dates specified in those sections, as shown in Table 4,504.5		
	4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and coatings shall meet the Product-weighted MIR		DRIVEWAY SEALERS	50		4.504.5.1 Documentation . Verification of compliance with this section shall be provided as requested		
	compounds and ozone depleting substances, in Sections 94522(e)(1) and (f)(1) of <i>California Code of</i>		DRY FOG COATINGS	150		by the enforcing agency. Documentation shall include at least one of the following:		
	Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation		FAUX FINISHING COATINGS	350		1. Product certifications and specifications.		
	8, Rule 49.		FIRE RESISTIVE COATINGS	350		 Chain of custody certifications. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCP. Title 17. Section 92120, et sec.) 		
	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:		FLOOR COATINGS	100		 4. Exterior grade products marked as marking the PS-1 or PS-2 standards of the Engineered Ward Association As Australian AS/NIZS 2020 European 202 20 standards and Canadian CSA 		
	1. Manufacturer's product specification.		FORM-RELEASE COMPOUNDS	250		0121, CSA 0151, CSA 0153 and CSA 0325 standards.		
	2. Field verification of on-site product containers.		GRAPHIC ARTS COATINGS (SIGN PAINTS)	500		5. Other methods acceptable to the enforcing agency.		
				420				
	TABLE 4.504.1 - ADHESIVE VOC LIMIT _{1,2}			120		4.505.1 General. Buildings shall meet or exceed the provisions of the <i>California Building Standards Code</i> .		
	(Less Water and Less Exempt Compounds in Grams per Liter)			450		4.505.2 CONCRETE SLAB FOUNDATIONS. Concrete slab foundations required to have a vapor retarder by		
	ARCHITECTURAL APPLICATIONS VOC LIMIT		MASTIC TEXTURE COATINGS	100		California Building Code, Chapter 19, or concrete slab-on-ground hoors required to have a vapor retarder by the California Residential Code, Chapter 5, shall also comply with this section.		
	INDOOR CARPET ADHESIVES 50		METALLIC PIGMENTED COATINGS	500		4.505.2.1 Capillary break. A capillary break shall be installed in compliance with at least one of the		
	CARPET PAD ADHESIVES 50		MULTICOLOR COATINGS	250		following:		
	WOOD ELOOPING ADHESIVES 100		PRETREATMENT WASH PRIMERS	420		 A 4-inch (101.6 mm) thick base of 1/2 inch (12.7mm) or larger clean aggregate shall be provided with a vapor barrier in direct contact with concrete and a concrete mix design, which will address bleeding, 		
	RUBBER FLOOR ADHESIVES 60		PRIMERS, SEALERS, & UNDERCOATERS	100		shrinkage, and curling, shall be used. For additional information, see American Concrete Institute, ACI 302.2R-06.		
	SUBFLOOR ADHESIVES 50		REACTIVE PENETRATING SEALERS	350		 Other equivalent methods approved by the enforcing agency. A slab design specified by a licensed design professional. 		
	CERAMIC TILE ADHESIVES 65			250		4.505.3 MOISTURE CONTENT OF BUILDING MATERIALS. Building materials with visible signs of water damage		
	VCT & ASPHALT TILE ADHESIVES 50			250		shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19 percent moisture content. Moisture content shall be verified in compliance with the following:		
	DRYWALL & PANEL ADHESIVES 50		SHELLACS	200		1. Moisture content shall be determined with either a probe-type or contact-type moisture meter. Equivalent		
	COVE BASE ADHESIVES 50		CLEAR	730		moisture verification methods may be approved by the enforcing agency and shall satisfy requirements found in Section 101.8 of this code.		
	MULTIPURPOSE CONSTRUCTION ADHESIVE 70		OPAQUE	550		 Moisture readings shall be taken at a point 2 feet (610 mm) to 4 feet (1219 mm) from the grade stamped end of each piece verified 		
	STRUCTURAL GLAZING ADHESIVES 100 SINGLE-DLV DOOE MEMODANE ADHESIVES 250		SPECIALTY PRIMERS, SEALERS &	100		3. At least three random moisture readings shall be performed on wall and floor framing with documentation acceptable to the enforcing agency provided at the time of approval to enclose the wall, and floor framing		
	OTHER ADHESIVES NOT LISTED 50		STAINS	250		Insulation products which are visibly wet or have a bigh moleture content shall be replaced or allowed to do prior to		
	SPECIALTY APPLICATIONS		STONE CONSOLIDANTS	450		enclosure in wall or floor cavities. Wet-applied insulation products shall follow the manufacturers' drying recommendations prior to enclosure		
	PVC WELDING 510		SWIMMING POOL COATINGS	340				
	CPVC WELDING 490		TRAFFIC MARKING COATINGS	100		4.506 INDOOR AIR QUALITY AND EXHAUS I 4.506.1 Bathroom exhaust fans. Each bathroom shall be mechanically ventilated and shall comply with the following:		
	ABS WELDING 325		TUB & TILE REFINISH COATINGS	420		following:		
	PLASTIC CEMENT WELDING 250		WATERPROOFING MEMBRANES	250		 Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building. Unless functioning as a component of a whole house ventilation system, fans must be controlled by a 		
	ADHESIVE PRIMER FOR PLASTIC 550		WOOD COATINGS	275		humidity control.		
	CONTACT ADHESIVE 80		WOOD PRESERVATIVES	350		 Humidity controls shall be capable of adjustment between a relative humidity range less than or equal to 50% to a maximum of 80%. A humidity control may utilize manual or automatic means of 		
	SPECIAL PURPOSE CONTACT ADHESIVE 250		LING-RICH PRIMERS	1 340 NCLUDING WATER &		adjustment. b. A humidity control may be a separate component to the exhaust fan and is not required to be		
	TOP & TRIM ADHESIVE 250		EXEMPT COMPOUNDS			integral (i.e., built-in)		
	SUBSTRATE SPECIFIC APPLICATIONS		2. THE SPECIFIED LIMITS REMAIN IN EFFECT ARE LISTED IN SUBSEQUENT COLUMNS IN TH	UNLESS REVISED LIMITS IE TABLE.		Notes:		
	METAL TO METAL 30		3. VALUES IN THIS TABLE ARE DERIVED FROM	M THOSE SPECIFIED BY		 For the purposes of this section, a bathroom is a room which contains a bathtub, shower or tub/shower combination 		
	PLASTIC FOAMS 50		THE CALIFORNIA AIR RESOURCES BOARD, AR SUGGESTED CONTROL MEASURE, FEB 1, 200	RCHITECTURAL COATINGS		2. Lighting integral to bathroom exhaust fans shall comply with the California Energy Code.		
	POROUS MATERIAL (EXCEPT WOOD) 50		AVAILABLE FROM THE AIR RESOURCES BOAR	RD.		4.507 ENVIRONMENTAL COMFORT		
	WOOD 30					sized, designed and have their equipment selected using the following methods:		
	FIBERGLASS 80					1. The heat loss and heat gain is established according to ANSI/ACCA 2 Manual J - 2011 (Residential		
						Load Calculation), ASHRAE handbooks or other equivalent design software or methods. 2. Duct systems are sized according to ANSI/ACCA 1 Manual D - 2014 (Residential Duct Systems).		
	1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER,					ASHRAE handbooks or other equivalent design software or methods. 3. Select heating and cooling equipment according to ANSI/ACCA 3 Manual S - 2014 (Residential		
						Equipment Selection), or other equivalent design software or methods.		
	2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR					Exception: Use of alternate design temperatures necessary to ensure the system functions are acceptable.		
	QUALITY MANAGEMENT DISTRICT RULE 1168.							
			ARDS (CALGREEN) CODF DUE TO THE VARIARIES BETWEEN PU				ER ASSUMES A	

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NOT APPLICABLE RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

PTER 7 ALLER & SPECIAL INSPECTOR QUALIFICATIONS QUALIFICATIONS

INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper on of HVAC systems including ducts and equipment by a nationally or regionally recognized training or on program. Uncertified persons may perform HVAC installations when under the direct supervision and pility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. s of acceptable HVAC training and certification programs include but are not limited to the following:

- 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 agency.

SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the ble entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or ies necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence tisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to tifications or qualifications acceptable to the enforcing agency, the following certifications or education may be ed by the enforcing agency when evaluating the qualifications of a special inspector:

- Certification by a national or regional green building program or standard publisher.
- Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
- Successful completion of a third party apprentice training program in the appropriate trade. Other programs acceptable to the enforcing agency.

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code. 2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

fhen required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall ne or more special inspectors to provide inspection or other duties necessary to substantiate compliance with Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the type of inspection or task to be performed. In addition, the special inspector shall have a certification from a ed state, national or international association, as determined by the local agency. The area of certification closely related to the primary job function, as determined by the local agency.

ote: Special inspectors shall be independent entities with no financial interest in the materials or the pject they are inspecting for compliance with this code.

ERIFICATIONS

DOCUMENTATION. Documentation used to show compliance with this code shall include but is not , construction documents, plans, specifications, builder or installer certification, inspection reports, or other acceptable to the enforcing agency which demonstrate substantial conformance. When specific tation or special inspection is necessary to verify compliance, that method of compliance will be specified in priate section or identified applicable checklist.



ISIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.



CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPs) Construction Projects Are Required to Implement the Stormwater Best Management Practices (BMPs)



& WASTE MANAGEMENT

Non-Hazardous Materials

- Berm and securely cover stockpiles of sand, dirt, or other construction materials with tarps when rain is forecast or if stockpiles are not actively being used. For best results, this should be done at the end of the work day throughout construction when feasible
- □ Use (but don't overuse) reclaimed water for dust control.

Hazardous Materials

- Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- □ Store hazardous materials and wastes in water tight containers. store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- □ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- Arrange for appropriate disposal of all hazardous wastes.

Construction Entrances and Perimeter

 Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.

□ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

Waste Management

- □ The California Green Building Code requires all permitted residential and non-residential construction, demolition and additions/alterations projects to recycle or salvage a minimum 65% of nonhazardous construction materials from the project.
- Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- □ Clean or replace portable toilets, and inspect them frequently for leaks and spills. Incorporate secondary containment and locate them away from storm drain inlets.
- Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste (the Monterey **Regional Waste Management** District offers a Household Hazardous Waste Facility that accepts these items).



EQUIPMENT **MANAGEMENT & SPILL CONTROL**

Maintenance and Parking

- Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- □ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- □ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- □ If vehicle or equipment cleaning must be done onsite. clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- Do not clean vehicle or equipment onsite using soaps solvents, degreasers, steam cleaning equipment, etc.
- □ Inlet protection is the last line of spill defense. Drains/ inlets that receive storm water must be covered or otherwise protected from receiving sediment/dirt/mud, other debris, or illicit discharges, and include gutter controls and filtration where applicable in a manner not impeding traffic or safety.

on this Page, as they Apply to Your Project, All Year Long.



Spill Prevention and Control

□ Keep spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.

□ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.

Clean up spills or leaks immediately and dispose of cleanup materials properly (see the Monterey Regional Waste Management Districts' guidelines for accepting hazardous waste materials).

Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).

□ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.

Clean up spills on dirt areas by digging up and properly disposing of contaminated soil (see the Monterey Regional Waste Management District's Contaminated Soil Acceptance Criteria).

□ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: Dial 911.



EARTHWORK & CONTAMINATED SOILS

Erosion Control

- □ Schedule grading and excavation work for dry weather only.
- □ Stabilize all denuded areas. install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- □ Seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.

Sediment Control

- □ Protect storm drain inlets, gutters, ditches, and drainage courses with appropriate BMPs, such as gravel bags, inlet filler, berms, etc.
- □ Prevent sediment from migrating offsite by installing and maintaining sediment controls, such as fiber rolls, silt fences, or sediment basins.
- □ Keep excavated soil on the site where it will not collect into the street.
- Transfer excavated materials to dump trucks on the site, not in the street.

 \Box If any of the following conditions are observed. test for contamination and contact the Monterey County Environmental Health Department, Regional Water Quality Control Board, and local municipal inspector:

- Unusual soil conditions. discoloration, or odor
- Abandoned underground tanks
- Abandoned wells
- Buried barrels, debris, or trash.



PAVING/ASPHALT WORK

- Avoid paving and seal coating in wet weather, or when rain is forecast before fresh pavement will have time to cure.
- Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- \Box Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- Do not use water to wash down fresh asphalt or concrete pavement.

Sawcutting & Asphalt/Concrete Removal

- Completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- Protect storm drain inlets, gutters, ditches, and drainage courses with appropriate BMPs, such as gravel bags, inlet filters, berms, etc.
- □ Shovel, abosorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- □ If sawcut slurry enters a catch basin, clean it up immediately.



CONCRETE, GROUT & MORTAR APPLICATION

- □ Store concrete, grout and mortar under cover, on pallets and away from drainage areas. These materials must never reach a storm drain.
- □ Wash out concrete equipment/ trucks offsite or in a contained area, so there is no discharge into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- □ Collect the wash water from washing exposed aggregate concrete and remove it for appropriate disposal offsite.



LANDSCAPE MATERIALS

- □ Contain stockpiled landscaping materials by storing them under tarps when they are not actively being used.
- □ Stack erodible landscape material on pallets. Cover or store these materials when they are not actively being used or applied.
- Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

STORM DRAIN POLLUTERS MAY BE LIABLE FOR FINES OF UP TO \$10,000 PER DAY!



PAINTING & PAINT REMOVAL

Painting cleanup

- □ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or surface waters.
- □ For water-based paints, paint out brushes to the extent possible. Rinse to the sanitary sewer once you have gained permission from the local wastewater treatment authority. Never pour paint down a drain.
- □ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of residue and unusable thinner/solvents as hazardous waste.

Paint Removal

- Chemical paint stripping residue and chips and dust from marine paints or paints containing lead or tributyltin must be disposed of as hazardous waste.
- □ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.

* Adapted with permission from the San Mateo Countywide Water Pollution Prevention Program



DEWATERING

- □ Effectively manage all run-on, all runoff within the site, and all runoff that discharges from the site.
- Divert run-on water from offsite away from all disturbed areas or otherwise ensure protection of its water quality for compliance.
- □ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap, and/or disposal in sanitary sewer may be required.
- □ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the Engineer and municipal staff to determine whether testing is required and how to interpret results. Contaminated groundwater must be treated or hauled offsite for proper disposal.



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ONE SHEET ONLY

GENERAL NOTES

ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE PLANS AND ACCOMPANYING SPECIFICATIONS, IN ADDITION ALL WORK SHALL ALSO CONFORM WITH THE FOLLOWING:

LATEST REVISION OF THE COUNTY OF MONTEREY DESIGN STANDARDS AND SPECIFICATIONS THE LATEST REVISION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS (STATE SPECIFICATIONS) THE 2019 EDITIONS OF THE CALIFORNIA BUILDING CODE (CBC), CALIFORNIA PLUMBING CODE (CPC), CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA ENERGY CODE (CEnC), CALIFORNIA ELECTRICAL CODE (CEC).

2. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE PLANS, DETAILS, AND SPECIFICATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION. IN THE EVENT THAT THE CONTRACTOR FINDS ANY DISCREPANCIES, OMISSIONS, OR DEFICIENCIES IN THE PLANS, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER AND THE OWNER'S REPRESENTATIVE IMMEDIATELY.

3. IT IS THE CONTRACTORS RESPONSIBILITY TO SECURE ALL REQUIRED PERMITS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE MONTEREY COUNTY BUILDING SERVICES DEPARTMENT (COUNTY) AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION.

4. THE TOPOGRAPHY, LOCATIONS AND SIZE OF UNDERGROUND UTILITIES AND OR OTHER STRUCTURES SHOWN HEREON WERE OBTAINED FROM A FIELD SURVEY (BY OTHERS) AND OR FROM RECORD INFORMATION. NEITHER THE ENGINEER NOR THE OWNER MAKES ANY REPRESENTATION TO THE ACCURACY OF TOPOGRAPHY. SIZE AND OR LOCATION OF ANY OF THE UTILITIES OR STRUCTURES SHOWN ON THESE PLANS NOR FOR THE EXISTENCE OF ANY OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED THAT ARE NOT SHOWN ON THIS PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE SIZE AND LOCATION OF EXISTING UNDERGROUND UTILITIES, SURFACE IMPROVEMENTS, AND OTHER STRUCTURES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITY COMPANIES AND REQUESTING VERIFICATION OF SERVICE POINTS, FIELD VERIFICATION OF LOCATION, SIZE, DEPTH, ETC. FOR ALL THEIR FACILITIES AND TO COORDINATE WORK SCHEDULES.

6. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT (800) 227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES.

7. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ANY CURRENTLY APPLICABLE SAFETY LAW OF ANY JURISDICTIONAL BODY. FOR INFORMATION REGARDING THIS PROVISION, THE CONTRACTOR IS DIRECTED TO CONTACT THE STATE OF CALIFORNIA, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL BARRICADES, SAFETY DEVICES, AND THE CONTROL OF TRAFFIC WITHIN THE CONSTRUCTION AREA. FOR ALL TRENCH EXCAVATION FIVE (5) FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DIVISION OF OCCUPATIONAL SAFETY AND HEALTH PRIOR TO BEGINNING ANY EXCAVATION. A COPY OF THIS PERMIT SHALL BE AVAILABLE AT THE CONSTRUCTION SITE AT ALL TIMES.

8. EXISTING CURB, GUTTER, SIDEWALK, SURVEY MONUMENTS, AND OTHER IMPROVEMENTS WITHIN PROJECT SITE THAT ARE DAMAGED OR DISPLACED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES SHALL BE REPLACED BY THE CONTRACTOR.

9. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS AND SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, THE ENGINEER, AND ALL DESIGN CONSULTANTS FROM ANY AND ALL LIABILITY, CLAIMS, LOSSES OR DAMAGES ARISING FROM THE PERFORMANCE OF THE WORK DESCRIBED HEREIN EXCEPT THOSE ARISING FROM THE SOLE NEGLIGENCE OF ANY OF THE PREVIOUSLY MENTIONED PEOPLE OR ENTITIES. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL LEAVE A 24-HOUR EMERGENCY TELEPHONE NUMBER WITH THE POLICE, FIRE DEPARTMENTS AND PRIVATE SECURITY COMPANY (IF APPLICABLE), AND KEEP THEM INFORMED DAILY REGARDING ANY CONSTRUCTION RELATED ACTIVITY IN THE PUBLIC RIGHT OF WAY.

10. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL, OFF-HAUL, AND PROPER DISPOSAL OF ALL ITEMS TO BE REMOVED INCLUDING BUT NOT LIMITED TO: CONCRETE, ASPHALT CONCRETE, STRIPING, ANY AND ALL OTHER DEBRIS FROM THE SITE, EXCESS MATERIAL FROM TRENCHING AND PAVEMENT CONSTRUCTION, TREES AND ROOT BALLS, FENCING AND SPOILS FROM EXCAVATION AT THE CONTRACTOR'S EXPENSE AND SHALL BE DISPOSED OF IN A LAWFUL MANNER.

11. IF, DURING THE COURSE OF CONSTRUCTION, CULTURAL, ARCHAEOLOGICAL, HISTORICAL OR PALEONTOLOGICAL RESOURCES ARE UNCOVERED AT THE SITE (SURFACE OR SUBSURFACE RESOURCES) WORK SHALL BE HALTED IMMEDIATELY WITHIN 50 METERS (165 FEET) OF THE FIND UNTIL A QUALIFIED PROFESSIONAL ARCHAEOLOGIST CAN EVALUATE IT. MONTEREY COUNTY HCD - PLANNING AND A QUALIFIED ARCHAEOLOGIST (I.E., AN ARCHAEOLOGIST REGISTERED WITH THE REGISTER OF PROFESSIONAL ARCHAEOLOGISTS) SHALL BE IMMEDIATELY CONTACTED BY THE RESPONSIBLE INDIVIDUAL PRESENT ON-SITE. WHEN CONTACTED, THE PROJECT PLANNER AND THE ARCHAEOLOGIST SHALL IMMEDIATELY VISIT THE SITE TO DETERMINE THE EXTENT OF THE RESOURCES AND TO DEVELOP PROPER MITIGATION MEASURES REQUIRED FOR RECOVERY.

12. ALL REVISIONS TO THESE PLANS MUST BE APPROVED BY THE ENGINEER AS WELL AS THE OWNER PRIOR TO THEIR CONSTRUCTION AND SHALL BE ACCURATELY SHOWN ON RECORD DRAWINGS PRIOR TO THE ACCEPTANCE OF THE WORK AS COMPLETE. ANY CHANGES TO OR DEVIATIONS FROM THE PLANS MADE WITHOUT AUTHORIZATION SHALL BE AT THE CONTRACTOR'S SOLE RISK AND SHALL ABSOLVE THE ENGINEER OF ANY AND ALL RESPONSIBILITY ASSOCIATED WITH THE THE CHANGE OR DEVIATION.

13. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO KEEP THE SITE AND ADJACENT AREAS FREE FROM DIRT AND DEBRIS. SHOULD ANY DIRT OR DEBRIS BE DEPOSITED IN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL REMOVE IT IMMEDIATELY.

14. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT AIRBORNE DUST FROM BECOMING A NUISANCE. DUST CONTROL MEASURES TO BE IMPLEMENTED INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

A) PROVIDE EQUIPMENT AND MANPOWER REQUIRED FOR WATERING ALL EXPOSED OR DISTURBED EARTH COVER STOCKPILES OF DEBRIS, SOIL, OR OTHER MATERIALS WHICH MAY CONTRIBUTE TO AIRBORNE DUST

- KEEP CONSTRUCTION AREAS AND ADJACENT STREET FREE OF MUD AND DUST.
- LANDSCAPE, SEED, OR COVER PORTIONS OF THE SITE AS SOON AS CONSTRUCTION IS COMPLETE. D)

15. A COPY OF ALL FIELD REPORTS/COMPACTIONS TESTS AND FINAL GRADING REPORT SHALL BE SUBMITTED TO THE COUNTY AT SCHEDULED INSPECTIONS.

16. PAD ELEVATION/S SHALL BE CERTIFIED TO 0.1 FEET, PRIOR TO DIGGING ANY FOOTINGS OR SCHEDULING ANY INSPECTIONS.

GRADING AND DRAINAGE

1. CONTRACTOR SHALL NOTIFY THE COUNTY 48 HOURS BEFORE STARTING ANY GRADING OPERATIONS.

2. ALL GRADING SHALL CONFORM TO THE COUNTY GRADING ORDINANCE (CHAPTER 16.08) AND THE EROSION CONTROL ORDINANCE (CHAPTER 16.12) AS APPLICABLE.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE REQUIRED PERMITS PRIOR TO THE COMMENCEMENT OF GRADING. RIGHT-OF-ENTRY, PERMISSION TO GRADE, AND ENCROACHMENT PERMIT(S) MAY BE REQUIRED PRIOR TO GRADING.

4. IT IS THE CONTRACTORS RESPONSIBILITY TO PREPARE THE GROUND SURFACE TO RECEIVE THE FILLS AND TO PLACE, SPREAD, MIX, WATER, AND COMPACT THE FILL. THE CONTRACTOR SHALL ALSO REMOVE ALL MATERIAL CONSIDERED UNSATISFACTORY.

5. WHERE UNSTABLE OR UNSUITABLE MATERIALS ARE ENCOUNTERED DURING SUBGRADE PREPARATION, THE AREA IN QUESTION SHALL BE OVER EXCAVATED AND BACKFILLED WITH SELECT MATERIAL.

6. MAXIMUM CUT AND FILL SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL.

7. ALL CUT SLOPES SHALL BE ROUNDED TO MEET EXISTING GRADES AND BLEND WITH SURROUNDING TOPOGRAPHY. ALL GRADED SLOPES SHALL BE PLANTED WITH SUITABLE GROUND COVER.

8. TREE REMOVAL SHALL INCLUDE REMOVAL OF TRUNKS, STUMPS, AND ROOTBALLS. THE REMAINING CAVITY SHALL BE CLEARED OF ALL ROOTS LARGER THAN 1/2" TO A DEPTH OF NOT LESS THAN 18" AND BACKFILLED WITH SUITABLE MATERIAL THEN COMPACTED TO CONFORM WITH THE EXISTING GROUND.

9. CONTRACTOR SHALL USE CAUTION WHEN GRADING AROUND AND/OR OVER EXISTING UNDERGROUND UTILITIES.

10. ALL SURFACE DRAINAGE SHALL MAINTAIN 2% SLOPE MINIMUM UNLESS NOTED OTHERWISE.

11. PERVIOUS SURFACES IMMEDIATELY ADJACENT TO THE FOUNDATION SHALL BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF NOT LESS THAN 5% FOR A MINIMUM DISTANCE OF 10 FEET MEASURED PERPENDICULAR TO THE FACE OF THE WALL. IF PHYSICAL OBSTRUCTIONS OR LOT LINES PROHIBIT 10 FEET OF HORIZONTAL DISTANCE, A 5% SLOPE SHALL BE PROVIDED TO AN APPROVED ALTERNATIVE METHOD OF DIVERTING WATER AWAY FROM THE FOUNDATION. SWALES USED FOR THIS PURPOSE SHALL BE SLOPED A MINIMUM OF 2% WHERE LOCATED WITHIN 10 FEET OF THE BUILDING FOUNDATION. IMPERVIOUS SURFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED A MINIMUM OF 2% AWAY FROM THE BUILDING.

12. DURING WINTER OPERATIONS (BETWEEN OCTOBER 15 AND APRIL 15) THE FOLLOWING MEASURES MUST BE TAKEN:

A. DISTURBED SURFACES NOT INVOLVED IN IMMEDIATE OPERATIONS MUST BE PROTECTED BY MULCHING AND OR OTHER EFFECTIVE MEANS OF SOIL PROTECTION.

B. ALL ROADS AND DRIVEWAYS SHALL HAVE DRAINAGE FACILITIES SUFFICIENT TO PREVENT EROSION ON OR ADJACENT TO THE ROADWAY OR ON DOWNHILL PROPERTIES.

C. RUN-OFF FROM THE SITE SHALL BE DETAINED OR FILTERED BY BERMS, VEGETATED FILTER STRIPS, AND OR CATCH BASINS TO PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE.

D. DRAINAGE CONTROL MEASURES SHALL BE MAINTAINED AND IN PLACE AT THE END OF EACH DAY AND CONTINUOUSLY THROUGH THE LIFE OF THE PROJECT DURING WINTER OPERATIONS

13. VEGETATION REMOVAL. ACTUAL GRADING SHALL BEGIN WITHIN 30 DAYS OF VEGETATION REMOVAL OR THAT AREA SHALL BE PLANTED.

14. NO VEGETATION REMOVAL OR GRADING WILL BE ALLOWED WHICH WILL RESULT IN SILTATION OF WATER COURSES OR UNCONTROLLABLE EROSION.

UNDERGROUND UTILITIES

CONTRACTOR SHALL EXPOSE AND VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES, INCLUDING STORM DRAINS, SANITARY SEWERS AND WATER LINES, BEFORE ORDERING MATERIALS AND/OR CONSTRUCTING NEW FACILITIES.

ALL EXISTING MANHOLES AND UTILITY BOXES WITHIN THE PROJECT AREA ARE TO BE SET FLUSH WITH FINISHED GRADE, UNLESS OTHERWISE NOTED.

ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE SECTIONS OF CALIFORNIA AND FEDERAL O.S.H.A. REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES, CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION.

4. PIPE MATERIALS AND INSTALLATION PROCEDURE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS AND THE MANUFACTURER'S RECOMMENDATIONS.

DAMAGE SHALL BE REPAIRED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE COUNTY.

ABBREVIATIONS		SHEET II	NDEX	
 (E) EXISTING FG FINISH GROUND GRADE FF FINISH FLOOR FL FLOW LINE FP FINISH PAVEMENT GRADE G GROUND M.E. MATCH EXISTING (N) NEW SD STORM DRAIN SS SANITARY SEWER TC TOP OF CURB GRADE (TYP) TYPICAL W WATER 		C1 TITLE SHEET C2 GRADING A C3 STORMTECH C4 CONSTRUCT C5 EROSION C4	AND DRAINAGE PLAN 1 DETAILS TION DETAILS ONTROL PLAN	
Inspection:	When:	Who:	Inspection By:	Date of Inspection:
Inspect and test	1)Prior to backfilling	Soils Engineer		
Keyway/Subexcavation/overexcavation:	2)During backfill placement – ongoing	Soils Engineer		
Inspect and Test Building Pad Subgrade:	Prior to excavation footings or placement of slab-on-grade materials	Soils Engineer		
Inspect Slab-on-grade installation:	Prior to concrete placement	Soils Engineer		
Inspect Foundation and/or retaining wall footing excavations:	Prior to reinforcement placement	Soils Engineer		
Inspect and Test Retaining wall backfill:	During backfill placement – ongoing	Soils Engineer		
	1)During fill placement	Soils Engineer		
Inspect and Test Driveway Fill, Subgrade and Baserock Placement:	2)Subgrade, prior to baserock placement	Soils Engineer		
	3)Baserock prior to AC, Concrete or Pavement	Soils Engineer		
Inspect and Test Drainage Installation:	1)After pipe placement, prior to backfill placement	Soils Engineer		
	2)During backfill placement – ongoing	Soils Engineer		
Inspect site stripping and clearing	After clearing complete	Soils Engineer		
Inspect utility trench compaction	After utility trench backfill	Soils Engineer		

VICINITY MAP









STORMTECH CHAMBER SPECIFICATIONS

- 1. CHAMBERS SHALL BE STORMTECH SC-740 OR SC-310.
- 2. CHAMBERS SHALL BE MANUFACTURED FROM VIRGIN POLYPROPYLENE OR POLYETHYLENE RESINS.
- 3. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORT PANELS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- 4. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES
- CHAMBERS SHALL MEET ASTM F2922 (POLYETHYLENE) OR ASTM F2418-16 (POLYPROPYLENE), "STANDARD 5. SPECIFICATION FOR THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS"
- CHAMBERS SHALL BE DESIGNED AND ALLOWABLE LOADS DETERMINED IN ACCORDANCE WITH ASTM F2787, 6. "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. THE CHAMBER MANUFACTURER SHALL SUBMIT THE FOLLOWING UPON REQUEST TO THE SITE DESIGN ENGINEER FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE:
- a. A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY AASHTO FOR THERMOPLASTIC PIPE.
- A STRUCTURAL EVALUATION SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATES THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRED BRIDGE DESIGN SPECIFICATIONS. SECTION 12.12. ARE MET. THE 50 YEAR CREEP MODULUS DATA SPECIFIED IN ASTM F2418 OR ASTM F2922 MUST BE USED AS PART OF THE AASHTO STRUCTURAL EVALUATION TO VERIFY LONG-TERM PERFORMANCE.
- c. STRUCTURAL CROSS SECTION DETAIL ON WHICH THE STRUCTURAL EVALUATION IS BASED. 8. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

- STORMTECH SC-310 & SC-740 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS 1 COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- 2. STORMTECH SC-310 & SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
- 3. CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS: STONESHOOTER LOCATED OFF THE CHAMBER BED. BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE. • BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- 4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- 5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- 6. MAINTAIN MINIMUM 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.
- 7. EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2" (20-50 mm).
- 8. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- 9. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE

- SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF. NOTES FOR CONSTRUCTION EQUIPMENT
- STORMTECH SC-310 & SC-740 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 1 CONSTRUCTION GUIDE".
- 2. THE USE OF CONSTRUCTION EQUIPMENT OVER SC-310 & SC-740 CHAMBERS IS LIMITED: NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS. NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE".
- WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDF"

THE STORMTECH STANDARD WARRANTY.

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



NOTES:

- 1. SC-310 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (
- F2922 "STANDARD SPECIFICATION FOR POLYETHYLENE (PE) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 2. SC-310 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF CHAMBERS".

- 3. "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION

- 4. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF

- CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- 5. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION
- 6. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUB
- LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.

- ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE ALL AROUND CLEAN CRUSHED, ANGULAR STONE IN A & B LAYERS PERIMETER STONE (SEE NOTE 5 EXCAVATION WALL (CAN BE SLOPED OR VERTICAL)
- STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER. OF THIS LAYER. EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' CLEAN, CRUSHED, ANGULAR ST LAYER) TO THE 'C' LAYER ABOVE. FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) CLEAN, CRUSHED, ANGULAR ST OF THE CHAMBER. PLEASE NOTE: 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, ANGULAR NO. 4 (AASHTO M43) STONE". STORMTECH COMPACTION RÉQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AN WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN L
- MATERIAL LOCATION DESCRIPTION FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS ANY SOIL/ROCK MATERIALS, NATIVE SC FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM ENGINEER'S PLANS. CHECK PLANS FOR OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE SUBGRADE REQUIREMENTS MAY BE PART OF THE 'D' LAYER **INITIAL FILL:** FILL MATERIAL FOR LAYER 'C' RANULAR WELL-GRADED SOIL/AGGREGATE FINES OR PROCESSED AGGREG MOST PAVEMENT SUBBASE MATERIALS CAN
- ACCEPTABLE FILL MATERIALS: ST

OPTIONAL INSPECTION PORT

- SC-310 END CAP

3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING. USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER

- IMPORTANT NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-310/SC-740 SYSTEM

			PRE-FAB STUBS AT BOTTOM OF END CAP FOR SC310EPE087 / SC310EPE08FPC SC310EPE087 / SC310EPE08FPC SC310	$\frac{1}{10} \qquad \qquad$		Civil Engineering Land Development Stormwater Control A A A 126 Bonifacio Place, Suite C, Monterey, CA 93940 A A A Phone: (831) 647-1192 Fax (831) 647-1194 A A A A I26 Bonifacio Place, Suite C, Monterey, CA 93940 A A A A I26 Bonifacio Place, Suite C, Monterey, CA 93940 A A A A I26 Bonifacio Place, Suite C, Monterey, CA 93940 A A A A A I26 Bonifacio Place, Suite C, Monterey, CA 93940 A
	ACCEDTARI			VSTEMS		
			AASHTO MATERIAL	COMPACTION / DENSITY		
	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER	CLASSIFICATIONS	REQUIREMENT PREPARE PER SITE DESIGN ENGINEER'S PLANS.		
D	OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.		PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS. BEGIN COMPACTIONS AFTER 12" (300 mm) OF		
С	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 18" (450 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145' A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (150 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20 000 lbs (89 kN)		
В	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.		
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3})ET,	VCE STREI 3923
ASE THE ANC STC WH EQU A	E NOTE: E LISTED AASHTO DESIGNATIONS ARE FOR GRADATIC GULAR NO. 4 (AASHTO M43) STONE". DRMTECH COMPACTION REQUIREMENTS ARE MET FO IERE INFILTRATION SURFACES MAY BE COMPROMISE UIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT ST ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE CLEAN CRUSHED, ANGULAR STONE IN PERIMETER STONE (SEE NOTE 5) EXCAVATION WALL BE SLOPED OR VERTICAL) 12" (300 mm) MIN	ONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGU OR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN ED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS FORMTECH FOR COMPACTION REQUIREMENTS. EALL AROUND A & B LAYERS	LAR. FOR EXAMPLE, A SPECIFICATION FOR # N 6" (150 mm) (MAX) LIFTS USING TWO FULL C S, A FLAT SURFACE MAY BE ACHIEVED BY RA PAV BY 5 TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 24" (600 mm).	4 STONE WOULD STATE: "CLEAN, CRUSHED, OVERAGES WITH A VIBRATORY COMPACTOR. KING OR DRAGGING WITHOUT COMPACTION	STORMTECH	NEW RESIDE 24726 DOLORES CARMEL, CA 93
CONF	FORM TO THE REQUIREMENTS OF ASTM F2418 "STAN ON FOR POLYETHYLENE (PE) CORRUGATED WALL ST	IDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED	D WALL STORMWATER COLLECTION CHAMBE	ERS", OR ASTM	SCALE: DATE:	AS NOTED 12/01/2022
BE DI ALS"	ESIGNED IN ACCORDANCE WITH ASTM F2787 "STAND	DARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC	CORRUGATED WALL STORMWATER COLLEC	ATERIALS.	DESIGN BY: DRAWN BY:	JPR JPR
R IS	RESPONSIBLE FOR ASSESSING THE BEARING RESIS GE OF EXPECTED SOIL MOISTURE CONDITIONS.	TANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SC	DILS AND THE DEPTH OF FOUNDATION STON	EWITH	SHEET NUME	BER:
BE EX , ANY E DE	XTENDED HORIZONTALLY TO THE EXCAVATION WALL Y SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO ESIGN ENGINEER'S DISCRETION.	. FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.) THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN E	BE USED TO REPLACE THE MATERIAL REQUI	REMENTS OF	(23
					OF 5 SH	IEETS
/////		JULKUSS SEC	AND IN DEARM			

122158

PROJECT#



<u>GENERAL NOTES</u> THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT AIRBORNE DUST FROM BECOMING A NUISANCE TO NEIGHBORING PROPERTIES. THE CONTRACTOR SHALL CONFORM TO THE STANDARDS FOR DUST-CONTROL AS ESTABLISHED BY THE AIR QUALITY MAINTENANCE DISTRICT. DUST CONTROL MEASURES TO BE IMPLEMENTED INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: PROVIDE EQUIPMENT AND MANPOWER REQUIRED FOR WATERING ALL EXPOSED OR DISTURBED EARTH. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES. COVER STOCKPILES OF DEBRIS, SOIL, OR OTHER MATERIALS WHICH MAY CONTRIBUTE TO AIRBORNE DUST. KEEP CONSTRUCTION AREAS AND ADJACENT STREET FREE OF MUD AND DUST. LANDSCAPE, SEED, OR COVER PORTIONS OF THE SITE AS SOON AS CONSTRUCTION IS COMPLETE. THE CONTRACTOR SHALL ASSUME LIABILITY FOR CLAIMS RELATED TO WIND BLOWN MATERIAL. IF THE DUST CONTROL IS INADEQUATE AS DETERMINED BY THE CITY, THE CONSTRUCTION WORK SHALL BE TERMINATED UNTIL CORRECTIVE MEASURES ARE TAKEN. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO KEEP STREETS AND ROADS FREE FROM DIRT AND DEBRIS. SHOULD ANY DIRT OR DEBRIS BE DEPOSITED IN THE PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL REMOVE IT IMMEDIATELY. ALL CUT AND FILL SLOPES EXPOSED DURING CONSTRUCTION SHALL BE COVERED, SEEDED OR OTHERWISE TREATED TO CONTROL EROSION WITHIN 48 HOURS AFTER GRADING. CONTRACTOR SHALL REVEGETATE SLOPES AND ALL DISTURBED AREAS THROUGH AN APPROVED PROCESS AS DETERMINED BY THE CITY. THIS MAY CONSIST OF EFFECTIVE PLANTING OF RYE GRASS, BARLEY OR SOME OTHER FAST GERMINATING SEED. DURING WINTER OPERATIONS (BETWEEN OCTOBER 15 AND APRIL 15), THE FOLLOWING MEASURES MUST BE TAKEN: VEGETATION REMOVAL SHALL NOT PRECEDE SUBSEQUENT GRADING OR CONSTRUCTION ACTIVITIES BY MORE THAN 15 DAYS. DURING THIS PERIOD, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE. DISTURBED SURFACES NOT INVOLVED IN THE IMMEDIATE OPERATIONS MUST BE PROTECTED BY MULCHING AND/OR OTHER EFFECTIVE MEANS OF SOIL PROTECTION. ALL ROADS AND DRIVEWAYS SHALL HAVE DRAINAGE FACILITIES SUFFICIENT TO PREVENT FROSION ON OR AD JACENT TO THE ROADWAY OR THE DOWNHILL PROPERTIES. RUN-OFF FROM THE SITE SHALL BE DETAINED OR FILTERED BY BERMS, VEGETATED FILTER STRIPS AND/OR CATCH BASINS TO PREVENT THE ESCAPE OF SEDIMENT FROM THE DISTURBED AREA OR SITE. THESE DRAINAGE CONTROL MEASURES MUST BE MAINTAINED BY THE CONTRACTOR AS NECESSARY TO ACHIEVE THEIR PURPOSE THROUGHOUT THE LIFE OF THE PROJECT. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND IN PLACE AT THE END OF EACH DAY AND CONTINUOUSLY CHECKED THROUGHOUT THE LIFE OF THE PROJECT DURING WINTER OPERATIONS (GONZALES GRADING/EROSION ORD. 2806-16.12.090) THE GRADING INSPECTOR MAY STOP OPERATIONS DURING PERIODS OF INCLEMENT WEATHER IF EROSION PROBLEMS ARE NOT BEING CONTROLLED ADEQUATELY. IF VEGETATION REMOVAL TAKES PLACE PRIOR TO A GRADING OPERATION AND THE ACTUAL GRADING DOES NOT BEGIN WITHIN 30 DAYS FROM THE DATE OF REMOVAL, THEN THAT AREA SHALL BE PLANTED UNDER THE PROVISION OF SECTION 16.08.340 TO CONTROL EROSION. NO VEGETATION REMOVAL OR GRADING WILL BE ALLOWED WHICH WILL RESULT IN SILTATION OF WATER COURSES OR UNCONTROLLABLE EROSION. 6. ALL POLLUTANTS AND THEIR SOURCES, INCLUDING SOURCES OF SEDIMENT ASSOCIATED WITH CONSTRUCTION, CONSTRUCTION SITE EROSION AND ALL OTHER ACTIVITIES ASSOCIATED WITH CONSTRUCTION ACTIVITY ARE CONTROLLED: ALL NON-STORM WATER DISCHARGES ARE IDENTIFIED AND EITHER ELIMINATED, CONTROLLED, OR TREATED; SITE BMPS ARE TO BE EFFECTIVE AND RESULT IN THE REDUCTION OR ELIMINATION OF POLLUTANTS IN STORM WATER DISCHARGES AND AUTHORIZED NON-STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITY STABILIZATION BMPS INSTALLED TO REDUCE OR ELIMINATE POLLUTANTS AFTER CONSTRUCTION IS COMPLETED. BEST MANAGEMENT PRACTICES (BMPS) TO BE IMPLEMENTED BY THE PROJECT ARE LISTED BY CATEGORY. FACT SHEETS, AND DETAILS FOR THE BMPS SELECTED FOR THIS PROJECT, CAN BE FOUND IN THE CASQA STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK. CONTRACTOR RESPONSIBLE FOR OBTAINING AND REVIEWING THE DOCUMENT. MONTEREY COUNTY INSPECTIO .PRIOR TO COMMENCEMENT OF LAND DISTURBANCE, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIROMENTAL SERVICES TO ENSURE ALL NECESSARY SEDIUMENT CONTROLS ARE IN PLACE AND THE PROJECT IS COMPLIANT WITH MONTEREY COUNTY REGULATIONS. DURING CONSTRUCTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO INSPECT DRAINAGE DEVICE INSTALLATION, REVIEW THE MAINTENANCE AND EFFECTIVEMNESS OF BMPS INSTALLED, AND TO VERIFY THAT POLLUTANTS OF CONCERN ARE NOT DISCHARGED FROM THE SITE. AT THE TIME OF THE INSPECTION THE APPLICANT SHALL PROVIDE CERTIFICATION THAT ALL NECESSARY GEOTECHNICAL INSPECTIONS HAVE BEEN COMPLETED TO THAT POINT. 3. PRIOR TO FINAL INSPECTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO ENSURE ALL DISTURBED AREAS HAVE BEEN STABILIZED AND ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES THAT ARE NO LONGER NEEDED HAVE BEEN REMOVED. 4. THE APPLICANT SHALL PROVIDE CERTIFICATION FROM A LICENSED PRACTITIONER THAT ALL DEVELOPMENT HAS BEEN CONSTRUCTION IN ACCRODANCE WITH THE RECOMEMENDATIONS IN THE PROJECT GEOTECHNICAL REPORT. GOOD SITE MANAGEMENT "HOUSEKE POLLUTANTS IN STORM WATER DISCHARGES FROM THE PROJECT DURING CONSTRUCTION MAY ORIGINATE FROM THE DAILY OPERATION OF EQUIPMENT, GRADING OPERATIONS, AND STOCKPILING OF MATERIALS. -DISCHARGERS SHALL IMPLEMENT GOOD HOUSEKEEPING MEASURES ON THE CONSTRUCTION SITE TO CONTROL THE AIR DEPOSITION OF SITE MATERIALS AND FROM SITE OPERATIONS. SUCH PARTICULATES CAN INCLUDE, BUT ARE NOT LIMITED TO, SEDIMENT, NUTRIENTS, TRASH, METALS, BACTERIA, OIL AND GREASE AND ORGANICS. HE DISCHARGER SHALL PREVENT DISPOSAL OF ANY RINSE OR WASH WATERS OR MATERIALS ON IMPERVIOUS OR PERVIOUS SITE SURFACES OR INTO THE STORM DRAIN SYSTEM. THE DISCHARGER SHALL ENSURE THE CONTAINMENT OF SANITATION FACILITIES (E.G., PORTABLE TOILETS) TO PREVENT DISCHARGES OF POLLUTANTS TO THE STORM WATER DRAINAGE SYSTEM OR RECEIVING WATER. THE SANITATION FACILITIES SHALL BE CLEANED, REPLACED, AND INSPECTED REGULARLY FOR LEAKS AND SPILLS. WASTE DISPOSAL CONTAINERS SHALL BE COVERED AT THE END OF EVERY BUSINESS DAY AND DURING A RAIN EVENT. NO DISCHARGES FROM WASTE DISPOSAL CONTAINERS TO THE STORM WATER DRAINAGE SYSTEM OR RECEIVING WATER SHALL BE ALLOWED. STOCKPILED MATERIAL SHALL BE CONTAINED AND SECURELY PROTECTED FROM WIND AND RAIN AT ALL TIMES UNLESS ACTIVELY BEING USED. PROCEDURES SHALL BE DEVELOPED THAT EFFECTIVELY ADDRESS HAZARDOUS AND NONHAZARDOUS SPILLS. EQUIPMENT AND MATERIALS FOR CLEANUP OF SPILLS SHALL BE AVAILABLE ON SITE. SPILLS AND LEAKS SHALL BE CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY. CONCRETE WASHOUT AREAS SHALL BE CONTAINED SO THERE IS NO DISCHARGE INTO THE UNDERLYING SOIL AND ONTO THE SURROUNDING AREAS. DISCHARGER SHALL MAINTAIN VEHICLES TO PREVENT OIL, GREASE, OR FUEL TO LEAK IN TO THE GROUND, STORM DRAINS OR SURFACE WATERS. ALL EQUIPMENT OR VEHICLES SHALL BE FUELED, MAINTAINED AND STORED IN A DESIGNATED AREA FITTED WITH APPROPRIATE BMPS. LEAKS SHALL BE CLEANED IMMEDIATELY AND DISPOSED OF PROPERLY. 8. IN ADDITION TO THE ABOVE, THE PROJECT WILL IMPLEMENT THE FOLLOWING PRACTICES FOR EFFECTIVE WASTE MANAGEMENT POLLUTION CONTROL WHERE APPLICABLE: WM-1, MATERIAL DELIVERY AND STORAGE WM-2, MATERIAL USE WM-3, STOCKPILE MANAGEMENT WM-4, SPILL PREVENTION AND CONTROL WM-5, SOLID WASTE MANAGEMENT WM-6, HAZARDOUS WASTE MANAGEMENT WM-7 CONTAMINATED SOIL MANAGEMENT WM-8, CONCRETE WASTE MANAGEMENT WM-9, SANITARY/SEPTIC, WASTE MANAGEMENT WM-10. LIQUID WASTE MANAGEMENT (SOURCE: STORMWATER BEST MANAGEMENT HANDBOOK) THE CONTRACTOR SHALL REVIEW CONSTRUCTION ACTIVITIES TO IDENTIFY AND QUANTIFY LIKELY CONSTRUCTION MATERIALS AND WASTES. SPECIAL NOTICE SHALL BE MADE OF MATERIALS AND WASTES WITH SPECIAL HANDLING OR DISPOSAL REQUIREMENTS: SUCH AS LEAD CONTAMINATED SOILS, CONCRETE SAW-CUTTING LIQUIDS, WASTE CHEMICALS AND EMPTY CHEMICAL CONTAINERS. THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURERS' STORAGE AND HANDLING RECOMMENDATIONS AND FOLLOW ALL FEDERAL, STATE, AND LOCAL REGULATIONS. WHERE POSSIBLE, CONTRACTOR SHALL USE SAFER AND LESS POLLUTING PRODUCTS. ROSION CONTROL (SOIL STABILIZATION SUFFICIENT EROSION CONTROL MATERIALS WILL BE MAINTAINED ON-SITE TO ALLOW FOR IMMEDIATE DEPLOYMENT BEFORE THE ONSET OF RAIN. DISCHARGERS SHALL PROVIDE EFFECTIVE SOIL COVERS FOR INACTIVE AREAS (MORE THAN 14 DAYS UN-DISTURBED) AND ALL FINISHED SLOPES, OPEN SPACE, UTILITY BACKFILL, AND COMPLETED LOIS DISCHARGERS SHALL LIMIT THE USE OF PLASTIC MATERIALS WHEN MORE SUSTAINABLE, ENVIRONMENTALLY FRIENDLY ALTERNATIVES EXIST. WHERE PLASTIC MATERIALS ARE DEEMED NECESSARY, THE DISCHARGER SHALL CONSIDER THE USE OF PLASTIC MATERIALS RESISTANT TO SOLAR DEGRADATION. IN ADDITION TO THE ABOVE, THE PROJECT WILL IMPLEMENT THE FOLLOWING PRACTICES FOR EFFECTIVE TEMPORARY AND FINAL EROSION CONTROL DURING CONSTRUCTION WHERE APPLICABLE: EC-1, SCHEDULING EC-2, PRESERVATION OF EXISTING VEGETATION EC-3, HYDRAULIC MULCH EC-4, HYDROSEEDING EC-5, SOIL BINDERS EC-6, STRAW MULCH EC-7, GEOTEXTILES AND MATS EC-8, WOOD MULCHING EC-9, EARTH DIKES AND DRAINAGE SWALES EC-10, VELOCITY DISSIPATION DEVICES EC-11, SLOPE DRAINS EC-12, STREAMBANK STABILIZATION EC-13, POLYACRYLAMIDE (SOURCE: STORMWATER BEST MANAGEMENT HANDBOOK) SPECIAL CARE SHALL BE TAKEN SO THAT NO FILL MATERIALS SHALL BE PLACED, SPREAD, OR ROLLED DURING UNFAVORABLE WEATHER CONDITIONS. SEDIMENT CONTROL SUFFICIENT QUANTITIES OF TEMPORARY SEDIMENT CONTROL MATERIALS WILL BE MAINTAINED ON-SITE THROUGHOUT THE DURATION OF THE PROJECT, TO ALLOW IMPLEMENTATION OF TEMPORARY SEDIMENT CONTROLS IN THE EVENT OF PREDICTED RAIN AND FOR RAPID RESPONSE TO FAILURES OR EMERGENCIES. DISCHARGERS SHALL ESTABLISH AND MAINTAIN EFFECTIVE PERIMETER CONTROLS AND STABILIZE ALL CONSTRUCTION ENTRANCES AND EXITS TO SUFFICIENTLY CONTROL EROSION AND SEDIMENT DISCHARGES FROM THE SITE DISCHARGERS SHALL EFFECTIVELY MANAGE ALL RUN-ON, ALL RUNOFF WITHIN THE SITE AND ALL RUNOFF THAT DISCHARGES OFF THE SITE. RUN-ON FROM OFF-SITE SHALL BE DIRECTED AWAY FROM ALL DISTURBED AREAS OR SHALL COLLECTIVELY BE IN COMPLIANCE WITH THE EFFLUENT LIMITATION OF THIS PERMIT DISCHARGERS SHALL APPLY LINEAR SEDIMENT CONTROLS ALONG THE TOE OF THE SLOPE, FACE OF THE SLOPE, AND AT THE GRADE BREAKS OF EXPOSED SLOPES DISCHARGERS SHALL ENSURE THAT CONSTRUCTION ACTIVITY TRAFFIC TO AND FROM THE PROJECT IS LIMITED TO ENTRANCES AND EXITS THAT EMPLOY EFFECTIVE CONTROLS TO PREVENT OFFSITE TRACKING OF SEDIMENT 6. DISCHARGERS SHALL ENSURE THAT ALL STORM DRAIN INLETS AND PERIMETER CONTROLS, RUNOFF CONTROL BMPS, AND POLLUTANT CONTROLS AT ENTRANCES AND EXITS (E.G. TIRE WASHOFF LOCATIONS) ARE MAINTAINED AND PROTECTED FROM ACTIVITIES THAT REDUCE THEIR EFFECTIVENESS. DISCHARGERS SHALL INSPECT ON A DAILY BASIS ALL IMMEDIATE ACCESS ROADS DAILY. AT A MINIMUM DAILY (WHEN NECESSARY) AND PRIOR TO ANY RAIN EVENT, THE DISCHARGER SHALL REMOVE ANY SEDIMENT OR OTHER CONSTRUCTION ACTIVITY RELATED MATERIALS THAT ARE DEPOSITED ON THE ROADS (BY VACUUMING OR SWEEPING). 9. IN ADDITION TO THE ABOVE, THE PROJECT WILL IMPLEMENT THE FOLLOWING PRACTICES FOR EFFECTIVE TEMPORARY AND FINAL SEDIMENT CONTROL DURING CONSTRUCTION WHERE APPLICABLE: SE-1. SILT FENCE SE-2, SEDIMENT BASIN SE-3, SEDIMENT TRAP SE-4, CHECK DAMS SE-5, FIBER ROLLS SE-6, GRAVEL BAG BERM SE-7, STREET SWEEPING AND VACUUMING SE-8, SANDBAG BARRIER SE-9, STRAW BALE BARRIER SE-10, STORM DRAIN INLET PROTECTION SE-11, CHEMICAL TREATMENT (SOURCE: STORMWATER BEST MANAGEMENT HANDBOOK) TRACKING CONTROL TRACKING CONTROLS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT, AT ALL ACCESS (INGRESS/EGRESS) POINTS TO THE PROJECT SITE WHERE VEHICLES AND/OR EQUIPMENT MAY TRACK SEDIMENT FROM THE CONSTRUCTION SITE ONTO PUBLIC OR PRIVATE ROADWAYS. IN GENERAL, THE PROJECT WILL IMPLEMENT THE FOLLOWING PRACTICES FOR EFFECTIVE TRACKING CONTROL DURING CONSTRUCTION WHERE APPLICABLE TC-1, STABILIZED CONSTRUCTION ENTRANCE/EXIT TC-2, STABILIZED CONSTRUCTION ROADWAY TC-3, ENTRANCE/OUTLET TIRE WASH (SOURCE: STORMWATER BEST MANAGEMENT HANDBOOK) WIND EROSION CONTROL 1. WIND EROSION CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT ON ALL DISTURBED SOILS ON THE PROJECT SITE THAT 1. WIND EROSION CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT ON ALL DISTURBED SOILS ON THE PROJECT SITE THAT 1. WIND EROSION CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT ON ALL DISTURBED SOILS ON THE PROJECT SITE THAT 1. WIND EROSION CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT ON ALL DISTURBED SOILS ON THE PROJECT SITE THAT 1. WIND EROSION CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT ON ALL DISTURBED SOILS ON THE PROJECT SITE THAT 1. WIND EROSION CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT ON ALL DISTURBED SOILS ON THE PROJECT SITE THAT 1. WIND EROSION CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED YEAR-ROUND AND THROUGHOUT THE DURATION OF THE PROJECT ON ALL DISTURBED SOILS ON THE PROJECT SITE THAT ARE SUBJECT TO WIND EROSION, AND WHEN SIGNIFICANT WIND AND DRY CONDITIONS ARE ANTICIPATED DURING PROJECT CONSTRUCTION. THE OBJECTIVE OF WIND CONTROLS IS TO PREVENT THE TRANSPORT OF SOIL FROM DISTURBED AREAS OF THE PROJECT SITE BY WIND. IN GENERAL, THE PROJECT WILL IMPLEMENT THE FOLLOWING PRACTICES FOR EFFECTIVE WIND EROSION CONTROL DURING CONSTRUCTION WHERE APPLICABLE: WE-1. WIND EROSION CONTROL (SOURCE: STORMWATER BEST MANAGEMENT HANDBOOK) NON-STORMWATER MANAGEMENT POLLUTION CONTROL
1. NON-STORM WATER DISCHARGES CONSIST OF ALL DISCHARGES TO/FROM A MUNICIPAL STORM WATER CONVEYANCE, WHICH DO NOT ORIGINATE FROM PRECIPITATION EVENTS (I.E., ALL DISCHARGES FROM A CONVEYANCE SYSTEM OTHER THAN STORM WATER). DISCHARGERS SHALL IMPLEMENT MEASURES TO CONTROL ALL NON-STORM WATER DISCHARGES DURING CONSTRUCTION. DISCHARGERS SHALL WASH VEHICLES IN SUCH A MANNER AS TO PREVENT NON-STORM WATER DISCHARGES. DISCHARGERS SHALL CLEAN STREETS IN SUCH A MANNER AS TO PREVENT UNAUTHORIZED NON-STORM WATER DISCHARGES IN ADDITION TO THE ABOVE, THE PROJECT WILL IMPLEMENT THE FOLLOWING PRACTICES FOR EFFECTIVE NON-STORMWATER MANAGEMENT POLLUTION CONTROL WHERE APPLICABLE: NS-1, WATER CONSERVATION PRACTICES NS-2, DEWATERING OPERATIONS NS-3, PAVING AND GRINDING OPERATIONS NS-4, TEMPORARY STREAM CROSSING NS-5, CLEAR WATER DIVERSION NS-6, ILLICIT CONNECTION/ILLEGAL DISCHARGE DETECTION AND REPORTING NS-7, POTABLE WATER / IRRIGATION NS-8, VEHICLE AND EQUIPMENT CLEANING NS-9, VEHICLE AND EQUIPMENT FUELING NS-10, VEHICLE AND EQUIPMENT MAINTENANCE NS-11, PILE DRIVING OPERATIONS NS-12, CONCRETE CURING NS-13, MATERIALS AND EQUIPMENT USE OVER WATER NS-14, CONCRETE FINISHING NS-15, STRUCTURE DEMOLITION/REMOVAL NS-16, TEMPORARY BATCH PLANTS (SOURCE: STORMWATER BEST MANAGEMENT HANDBOOK)

: OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE TO THE ORIGINAL USE FOR WHICH THEY WERE PREPAREL PRODUCTION, OR PUBLICATION, IN WHOLE OR IN PART, IS WITHOUT THE WRITTEN CONSENT OF C3 ENGINEERING.

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CONSTRUCTION HAUL ROUTE

SCALE: N.T.S.

INS ARE INTENDED ONLY FOR THE SITE FOR WHICH THEY WERE DESIGNED AND ARE PROPERTY OF HASTINGS CONSTRUCTION, INC. THESE PLANS MAY NOT BE REVISED OR REPRODUCED WITHOUT THE CONSENT OF HASTINGS CONSTRUCTION, INC.

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

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LD' BOX BATTEN STANDING SEAM HETAL ROCHING Y HETAL SALES N MATTE ELACK HOG FINSH (CR EG) LIGHT EXTURE - TYPICAL LIGHT EXTURE - TYPICAL STOTEM RALING BY VEIDRAL DETEM RALING BY VEIDRAL DETEM RALING BY VEIDRAL DETEM RALING BY VEIDRAL DETEM RALING BY VEIDRAL BY STOTEM RALING BY VEIDRAL	Drawing Title: $Project: = \frac{1}{4} = 1 - \frac{1}{4}$	0 Do Title: 0 Do Title: 0 Do D	

DOOR & WINDOW SCHEDULES

		C	DOORS	SCHEDULE			SZ RH = RIGHT HAND SWING SLD = SLIDING O RHR = RIGHT HAND REVERSE SWING SECT = SECTIONAL LH = LEFT HAND SWING PKT = POCKET LHR = LEFT HAND REVERSE SWING X = OPERABLE PANEL HR = FRENCH SWING (GLAZING) O = FIXED PANEL Y PR = PAIR (C6 = OUT-SWING / IS = IN-SWING) = FIXED PANEL			V	/IND	ow s	CHEDULE		SolutionAWN = AWNINGDH = DOUBLE HUNGCSMT= CASEMENTSLD = SLIDERDS = DIRECT SET (PICTURE)TRSM= TRANSOMFX = FIXEDX = OPERABLE PANELHOP = HOPPERO = FIXED PANELSH = SINGLE HUNG
LEVEL	DOOR NUMBER	S WIDTH	HEIGHT	DOOR MATERIAL	HANDLING	GLAZING	REMARKS	LEVEL			9IZE HEIGHT	HDR. HEIGHT	TYPE	GLAZING	REMARKÓ
	DR-1	6'-0"	9'-6"	ALUM. CLAD. \$ GLASS	LH/PIVOT	TEMPERED	KOLBE "VISTA LUXE WD" PIVOT DOOR			3'-Ø"	5'-Ø"	8'-Ø"	DS	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
	DR-2	15'- <i>0</i> "	9'-0"	ALUMINUM	SECT	-	CLOPAY "MODERN STEEL" GARAGE DOOR			3'-Ø"	9'-4"	9'-4"	D9	TEMPERED	DIRECT-SET W/ FLOOR SILL
	DR-3	3'-Ø"	٦ <i>'-@</i> "	ALUM. CLAD. \$ GLASS	LHR/FR	TEMPERED OBSCURED	KOLBE "VISTA LUXE WD" OBSCURED GLAZING: "FROSTED MATTE"		(W3)	۲'-2"	9'-4"	9'-4"	D9	TEMPERED	DIRECT-SET W/ FLOOR SILL
	DR-4	3'-Ø"	۲ <i>'-@</i> "	ALUM. CLAD. \$ GLASS	LH/FR	TEMPERED	KOLBE "VISTA LUXE WD"		· (w4)	2'-Ø"	4'-Ø"	8'-Ø"	CSMT		OBSCURED GLAZING: "FROSTED MATTE"
SY LEVE	DR-5	15'- <i>O</i> "	8'-0"	ALUM. CLAD. \$ GLASS	BI-FOLD	TEMPERED	KOLBE "VISTA LUXE WD"		(W5)	5'-4"	5'-6"	8'- <i>0</i> "	DS	TEMPERED	
ENT	DR-6	9'- <i>0</i> "	8'-0"	ALUM. CLAD. \$ GLASS	<i>0</i> ×0	TEMPERED	KOLBE "VISTA LUXE WD" XOX SWING W/ COMPLIMENTARY SIDE LIGHTS		(W6)	2'-Ø"	4'-Ø"	8'-Ø"	CSMT	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
	DR-7	2'-8" PR	8'-0"	ALUM. CLAD. \$ GLASS	FR PR/09	TEMPERED	KOLBE "VISTA LUXE WD"		(W7)	2'-6"	4'-Ø"	8'-Ø"	CSMT	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
	DR-8	3'-Ø"	8'-Ø"	WOOD	LH	-	SELECTION TBD		W8	3'-Ø"	5'-Ø"	8'- <i>0</i> "	DS	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
	DR-9	3'-Ø"	8'-0"	WOOD	PKT	-	SELECTION TBD		(w9)	3'-Ø"	5'-Ø"	8'-Ø"	CSMT	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
	DR-10	3'-Ø"	8'-0"	WOOD	LHR	-	SELECTION TBD		(w10)	•	*	8'-0"	DS SPECIALTY	TEMPERED	CORNER UNIT W/ FLOOR SILL - VERIFY ALL SIZING WITH VENDOR
	DR-11	2'-8"	8'-Ø"	WOOD	LH	-	SELECTION TBD		(w11)	٦'- <i>6</i> "	8'-0"	8'- <i>0</i> "	DS	TEMPERED	DIRECT-SET W/ FLOOR SILL
	DR-12	3'-Ø"	8'-Ø"	WOOD	LH	-	SELECTION TBD		(W12)	2'-6"	5'-Ø"	8'- <i>0</i> "	COMT	TEMPERED	
	DR-13	2'-6"	8'-0"	W00D	LHR	-	SELECTION TBD		(W13)	2'-6"	5'-Ø"	8'-Ø"	CSMT	TEMPERED	
	DR-14	3'-Ø"	8'-0"	W00D	LH	-	SELECTION TBD		(W14)	4'-6"	5'-Ø"	8'- <i>0</i> "	DS	TEMPERED	
	DR-15	2'-8"	8'-0"	W00D	RHR	-	SELECTION TBD		(W15)	8'-0"	3'-4"	9 '-4"	DS	TEMPERED	
	DR-16	2'-8"	8'-0"	WOOD	PKT	-	SELECTION TBD		(W16)	3'-Ø"	6'-4"	6'-4"	D9	TEMPERED	
	DR-17	8'-@"	٦'-6"	ALUM. CLAD. \$ GLASS	SLD	TEMPERED			w17	ד ^י −2"	6'-4"	6'-4"	D9	TEMPERED	
	DR-18	3'-Ø"	ז'-@"	WOOD	RH	-	SELECTION TBD		(W18)	2'-Ø"	2'-Ø"	6'-4"	D9	TEMPERED	
	DR-19	2'-8"	٦'−Ø"	WOOD	PKT	-	SELECTION TBD		(W19)	5'-4"	4'-8"	٦'- <i>6</i> "	D9	TEMPERED	
	DR-20	2'-8"	٦ <i>'-@</i> "	wood	PKT	-	SELECTION TBD		(W20)	2'-4"	4'- <i>0</i> "	۳'-6"	CSMT	TEMPERED	EGRE99
	DR-21	2'-6"	٦ <i>'-@</i> "	wood	LH	-	SELECTION TBD		(W21)	2'-4"	4'- <i>0</i> "	۳'-6"	CSMT	TEMPERED	
EVEL	DR-22	2'-6"	ד'-@"	WOOD	LHR	-	SELECTION TBD		(W22)	2'-Ø"	2'-6"	7'-6"	CSMT	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
IPPER L	DR-23	2'-8"	ד'-Ø"	WOOD	LH	-	SELECTION TBD		(W23)	2'-Ø"	2'-6"	٦'- <i>6</i> "	CSMT	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
	DR-24	2'-6"	ז'-@"	W00D	PKT	-	SELECTION TBD		(W24)	2'-4"	4'-Ø"	7'-6"	CSMT	TEMPERED	EGRE89
	DR-25	2'-6"	ז'-@"	WOOD	PKT	-	SELECTION TBD		(W25)	2'-4"	4'-Ø"	7'-6"	C9MT	TEMPERED	
	DR-26	2'-8"	ז'-@"	WOOD	RH	-	SELECTION TBD		(W26)	5'-4"	5'-Ø"	7'-6"	DS	TEMPERED	
	DR-27	2'-6"	ז'-@"	WOOD	PKT	-	SELECTION TBD		(W27)	5'-Ø"	2'-@"	7'-6"	DS	TEMPERED	
	DR-28	2'-6"	٦ <i>'-@</i> "	W00D	PKT	-	SELECTION TBD		(W28)	10'-6"	5'-6"	1'-6"	DS	TEMPERED	
L L L	DR-29	2'-8"	ד'-@"	WOOD	RH	-	SELECTION TBD		(W29)	2'-6"	3'-Ø"	"-6	CSMT	TEMPERED OBSCURED	OBSCURED GLAZING: "FROSTED MATTE"
BA9E	DR-30	3'-Ø"	۳-6	WOOD	LHR	-	SELECTION TBD								

GARAGE DOORS

MODERN STEEL

arage door

Modern Steel* garage doors complement contemporary and mid-century modern home styles. Doors are available with or without windows and

- with or without grooves in the panels. All are available in
- multiple paint, Ultra-Grain® and Lustra[™] finishes to create the
- perfect look for your home.

OVERVIEW

Modern Steel™ garage doors are available with a wide variety of options to suit your taste and your home's appearance. Whether your home is mid-century modern, contemporary, or somewhere in between, these beautiful and durable steel-panel garage doors will add curb appeal to your home's exterior.

CONSTRUCTION OVERVIEW

- Available in 3, 2 or 1-layer steel and insulation construction options.
- Garage door insulation options include 2" or 1-3/8" Intellicore® polyurethane, 2", 1-3/8", 1-5/16" polystyrene. Insulated door R-values range from 4.4 to 18.4.
- The steel skins are protected by the use of a tough, layered coating system, which includes a hot-dipped galvanized layer and baked-on primer and top coat.
- WINDCODE® door reinforcement product available for high wind load applications. (Click for details) DESIGN OVERVIEW
- Available as either a flush or grooved steel panel design. Steel surface textures vary by model and paint surface. See <u>chart here</u> for more details
- 13 factory finish options available, including Ultra-Grain® wood-look finishes.
- Many glass and window size options available including insulated, frosted, slim, and long and short designs.
- Optional window grilles can be removed for easy cleaning.

Proje C 2 Date Date Draw Scale	Drawing Title:		
ct: 2-00 202 /n By: /AA :: = 1'-	DOOR & WINDOW SCHEDULES		Re PL
09 23 1P 0"	Job Title:	HASTINGS CONSTRUCTION, INC.	vision/
Sheet	DOLORES STREET RESIDENCE - DOLORES PASS, LLC		ssue 8 -
4	Project Address & APN:	11 THOMAS OWENS WAY, SUITE 201 MONTEREY, CA 93940 (831) 620-0920 DESIGN@HASTINGSCONSTRUCTION.COM	PC
7	24726 DOLORES STREET, CARMEL, CA 93923 APN: 009-111-008-000 LOT 4, BLOCK 151	LIC#: 791539 CLASS: A/B	Date

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