

# 2025 CALIFORNIA GREEN BUILDING STANDARDS CODE

## RESIDENTIAL MANDATORY MEASURES, SHEET 1

| Y | NA | RESPON. PARTY |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Y | NA | RESPON. PARTY |  |
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|   |    |               | <b>CHAPTER 3<br/>GREEN BUILDING<br/>SECTION 301 GENERAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |    |               |  |
|   |    |               | <b>301.1 SCOPE.</b> Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |    |               |  |
|   |    |               | <b>301.1.1 Additions and alterations. [HCD]</b> The mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |    |               |  |
|   |    |               | The mandatory provision of Section 4.106.4.2 may apply to additions or alterations of existing parking facilities or the addition of new parking facilities serving existing multifamily buildings. See Section 4.106.4.3 for application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |    |               |  |
|   |    |               | <b>Note:</b> Repairs including, but not limited to, resurfacing, restriping and repairing or maintaining existing lighting fixtures are not considered alterations for the purpose of this section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |    |               |  |
|   |    |               | <b>Note:</b> On and after January 1, 2014, residential buildings undergoing permitted alterations, additions, or 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 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 other important enactment dates.                                                                                                                                                                                                                                                                                                                                     |   |    |               |  |
|   |    |               | <b>301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS. [HCD]</b> The provisions of individual sections of CALGreen may apply to either low-rise residential buildings high-rise residential buildings, or both. Individual sections will be designated by banners to indicate where the section applies specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and high-rise buildings, no banner will be used.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |    |               |  |
|   |    |               | <b>SECTION 302 MIXED OCCUPANCY BUILDINGS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |    |               |  |
|   |    |               | <b>302.1 MIXED OCCUPANCY BUILDINGS.</b> In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |    |               |  |
|   |    |               | Exceptions:<br>1. [HCD] Accessory structures and accessory occupancies serving residential buildings shall comply with Chapter 4 and Appendix A4, as applicable.<br>2. [HCD] For purposes of CALGreen, live/work units, complying with Section 419 of the <i>California Building Code</i> , shall not be considered mixed occupancies. Live/Work units shall comply with Chapter 4 and Appendix A4, as applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |    |               |  |
|   |    |               | <b>DIVISION 4.1 PLANNING AND DESIGN</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |    |               |  |
|   |    |               | <b>ABBREVIATION DEFINITIONS:</b><br>HCD Department of Housing and Community Development<br>BSC California Building Standards Commission<br>DSA-SS Division of the State Architect, Structural Safety<br>OSHPD Office of Statewide Health Planning and Development<br>LR Low Rise<br>HR High Rise<br>AA Additions and Alterations<br>N New                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |    |               |  |
|   |    |               | <b>CHAPTER 4<br/>RESIDENTIAL MANDATORY MEASURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |    |               |  |
|   |    |               | <b>SECTION 4.102 DEFINITIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |    |               |  |
|   |    |               | 4.102.1 DEFINITIONS<br>The following terms are defined in Chapter 2 ( <i>and are included here for reference</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |    |               |  |
|   |    |               | <b>FRENCH DRAIN.</b> A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar pervious material used to collect or channel drainage or runoff water.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |    |               |  |
|   |    |               | <b>WATTLES.</b> Wattles are used to reduce sediment in runoff. Wattles are often constructed of natural plant materials such as hay, straw or similar material shaped in the form of tubes and placed on a downflow slope. Wattles are also used for perimeter and inlet controls.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |    |               |  |
|   |    |               | <b>4.106 SITE DEVELOPMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |    |               |  |
|   |    |               | <b>4.106.1 GENERAL.</b> 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, management of storm water drainage and erosion controls shall comply with this section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |    |               |  |
|   |    |               | <b>4.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION.</b> Projects which disturb less than one acre of soil and are not part of a larger common plan of development which in total disturbs one acre or more, shall manage storm water drainage during construction. In order to manage storm water drainage 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.<br><br>1. Retention basins of sufficient size shall be utilized to retain storm water on the site.<br>2. 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 agency.<br>3. Compliance with a lawfully enacted storm water management ordinance. |   |    |               |  |
|   |    |               | <b>Note:</b> 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.<br><br>(Website: <a href="https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html">https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |    |               |  |
|   |    |               | <b>4.106.3 GRADING AND PAVING.</b> Construction plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:<br><br>1. Swales<br>2. Water collection and disposal systems<br>3. French drains<br>4. Water retention gardens<br>5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.                                                                                                                                                                                                                                                                                                                                                                                                              |   |    |               |  |
|   |    |               | <b>Exception:</b> Additions and alterations not altering the drainage path.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |    |               |  |
|   |    |               | <b>4.106.4 Electric vehicle (EV) charging for new construction.</b> New construction shall comply with Section 4.106.4.1 or 4.106.4.2. Electric vehicle supply equipment (EVSE) shall comply with the <i>California Electrical Code</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |   |    |               |  |
|   |    |               | <b>Exceptions:</b><br>1. On a case-by-case basis, where the local enforcing agency has determined EV charging and infrastructure are not feasible based upon one or more of the following conditions:<br>1.1 Where there is no local utility power supply or the local utility is unable to supply adequate power.<br>1.2 Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 4.106.4, may adversely impact the construction cost of the project.<br>2. Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional parking facilities.                                                                                                                                                                                                   |   |    |               |  |
|   |    |               | <b>4.106.4.1 New one- and two-family dwellings and townhouses with attached private garages.</b> For each dwelling unit, install a listed roadway to accommodate a dedicated 208/240-volt branch circuit. The roadway shall not be less than trade size 1 (nominal 1-inch inside diameter). The roadway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or other enclosure in close proximity to the proposed location of an EV charger. Roadways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere 208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.                                                                                                    |   |    |               |  |
|   |    |               | Exemption: A roadway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the proposed location of an EV charger at the time of original construction in accordance with the <i>California Electrical Code</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |    |               |  |
|   |    |               | <b>4.106.4.1.1 Identification.</b> The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging as "EV CAPABLE". The roadway termination location shall be permanently and visibly marked as "EV CAPABLE".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |    |               |  |

| Y | NA | RESPON. PARTY |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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|   |    |               | <b>4.106.4.2 New multifamily dwellings, hotels and motels and new residential parking facilities.</b> When parking is provided, parking spaces for new multifamily dwellings, hotels and motels shall meet the requirements of Section 4.106.4.2.2. Calculations for spaces shall be rounded up to the nearest whole number. A parking space served by electric vehicle supply equipment or designed as an EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by a local jurisdiction. See Vehicle Code Section 22511.2 for further details.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|   |    |               | <b>4.106.4.2.1 Reserved.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|   |    |               | <b>4.106.4.2.2 Multifamily dwellings, hotels and motels</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|   |    |               | <b>1. EV ready parking spaces with receptacles.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |    |               | <b>a. Multifamily parking facilities with assigned parking.</b> Where dwelling units are provided with assigned parking spaces equal to or greater than the number of dwelling units; at least one low power Level 2 EV charging receptacle shall be provided at an assigned parking space for each dwelling unit.<br><br>1. Where the total number of dwelling units exceeds the number of assigned parking spaces, all assigned parking spaces shall be provided with one low power Level 2 EV charging receptacle.<br><br><b>Exception:</b> Areas of parking facilities served by parking lifts, including but not limited to, automated mechanical-access open parking garages as defined in the <i>California Building Code</i> , or parking facilities otherwise incapable of supporting electric vehicle charging.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|   |    |               | <b>b. Multifamily parking facilities with unassigned parking.</b> Where dwelling units are provided with unassigned parking spaces equal to or greater than the number of dwelling units, at least one low power Level 2 EV charging receptacle shall be provided at an unassigned parking space for each dwelling unit.<br><br>1. Where the total number of dwelling units exceeds the number of unassigned parking spaces, all unassigned parking spaces shall be provided with one low power Level 2 EV charging receptacle.<br><br><b>Exception:</b> Areas of parking facilities served by parking lifts, including but not limited to, automated mechanical-access open parking garages as defined in the <i>California Building Code</i> ; or parking facilities otherwise incapable of supporting electric vehicle charging.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |    |               | <b>3. Multifamily parking facilities with assigned and unassigned parking.</b> Where multifamily buildings are provided with both assigned and unassigned parking spaces equal to or greater than the number of dwelling units, at least one low power Level 2 EV charging receptacle shall be provided for each dwelling unit at either the assigned or unassigned parking space, but not both.<br><br><b>d. Receptacle power source.</b> EV charging receptacles in multifamily parking facilities at assigned parking spaces shall be provided with a dedicated branch circuit connected to the dwelling unit's electrical panel, unless determined as infeasible by the project builder or designer and subject to concurrence of the local enforcing agency.<br><br><b>Exception:</b> Areas of parking facilities served by parking lifts, including but not limited to, automated mechanical-access open parking garages as defined in the <i>California Building Code</i> , or parking facilities otherwise incapable of supporting electric vehicle charging.                                                                                                                                                                                                                    |
|   |    |               | <b>e. Receptacle configurations.</b> 208/240V EV charging receptacles shall comply with one of the following configurations:<br>1. For 20-ampere receptacles, NEMA 6-20R<br>2. For 30-ampere receptacles, NEMA 14-30R<br>3. For 50-ampere receptacles, NEMA 14-50R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|   |    |               | <b>2. EV ready parking spaces with EV chargers</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|   |    |               | <b>a. Multifamily parking facilities with unassigned or common use parking.</b> In addition to the low power Level 2 EV charging receptacle requirements of Section 4.106.4.2.2 (1), twenty-five (25) percent of unassigned or common use parking spaces not already provided with low power Level 2 EV charging receptacles, pursuant to Section 4.106.4.2.2 (1), shall be equipped with Level 2 EV chargers and shall be made available for use by all residents or guests.<br><br><b>b. EV charger connectors.</b> EV chargers shall be equipped with J1772 or J3400 connectors.<br><br><b>c. An automatic load management system (ALMS) may be used to reduce the maximum required electrical capacity to each space served by the ALMS.</b> The electrical system and any on-site distribution transformers shall have sufficient capacity to deliver at least 3.3 kW simultaneously to each EV charging station (EVCS) served by the ALMS. The branch circuit shall have a minimum capacity of 40 amperes, and installed EV chargers shall have a capacity of not less than 30 amperes.                                                                                                                                                                                            |
|   |    |               | <b>4.106.4.2.2.1 Electric vehicle charging stations (EVCS).</b> Electric vehicle charging stations required by Section 4.106.4.2.2, Item 2, with EV chargers installed shall comply with Section 4.106.4.2.2.1.1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|   |    |               | <b>Exception:</b> Electric vehicle charging stations serving public accommodations, public housing, motels and hotels shall not be required to comply with this section. See <i>California Building Code</i> , Chapter 11B, for applicable requirements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|   |    |               | <b>4.106.4.2.2.1.1 Electric vehicle charging stations (EVCS) spaces with EV chargers installed; dimensions and location.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|   |    |               | EVCS spaces shall be designed to comply with the following:<br><br>1. The minimum length of each EVCS space shall be 18 feet (5486 mm).<br>2. The minimum width of each EVCS space shall be 9 feet (2743 mm).<br>3. In every 25 EVCS spaces, but not less than one, shall also have an 8-foot (2438 mm) wide minimum aisle. A 5-foot (1524 mm) wide minimum aisle shall be permitted provided the minimum width of the EVCS space is 12 feet (3658 mm). Surface slope for this EVCS space and the aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083 percent slope) in any direction. These EVCS spaces shall also comply with at least one of the following:<br><br>a. The EVCS 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 from the accessible parking space.<br><br>b. The EVCS space shall be located on an accessible route, as defined in the <i>California Building Code</i> , Chapter 2, to the building.<br><br><b>Exception:</b> Electric vehicle charging stations designed and constructed in compliance with the <i>California Building Code</i> , Chapter 11B, are not required to comply with Section 4.106.4.2.2.1.1. |
|   |    |               | <b>4.106.4.2.2.1.2 Accessible electric vehicle charging station spaces.</b> In addition to the requirements in Section 4.106.4.2.2.1.1, all EV chargers, where installed, shall comply with the accessibility provisions for EV chargers in the <i>California Building Code</i> , Chapter 11B. EV ready spaces are EVCS in multifamily developments shall comply with <i>California Building Code</i> , Chapter 11A, Section 1109A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |    |               | <b>4.106.4.2.3 Reserved.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|   |    |               | <b>4.106.4.2.4 Reserved.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|   |    |               | <b>4.106.4.2.5 Electric vehicle ready space signage.</b> Electric vehicle ready spaces shall be identified by signage or pavement markings, in compliance with Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successor(s).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   |    |               | <b>4.106.4.2.6 Hotels and motels.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   |    |               | <b>1. EV ready parking spaces with receptacles.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |    |               | <b>a. Hotels and motels.</b> Forty (40) percent of the total number of parking spaces shall be equipped with low power Level 2 EV charging receptacles.<br><br><b>Exception:</b> Areas of parking facilities served by parking lifts, including but not limited to automated mechanical-access open parking garages as defined in the <i>California Building Code</i> , or parking facilities otherwise incapable of supporting electric vehicle charging.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   |    |               | <b>b. Receptacle configurations.</b> 208/240V EV charging receptacles shall comply with one of the following configurations:<br>1. For 20-ampere receptacles, NEMA 6-20R<br>2. For 30-ampere receptacles, NEMA 14-30R<br>3. For 50-ampere receptacles, NEMA 14-50R2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|   |    |               | <b>2. EV Ready parking spaces with EV chargers.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |    |               | <b>a. Hotels and motels.</b> Twenty-five (25) percent of the total number of parking spaces shall be equipped with Level 2 EV chargers.<br><br><b>b. EV charger connectors.</b> EV chargers shall be equipped with J1772 or J3400 connectors.<br><br><b>Exception:</b> Areas of parking facilities served by parking lifts, including but not limited to, automated mechanical-access open parking garages as defined in the <i>California Building Code</i> , or parking facilities otherwise incapable of supporting electric vehicle charging.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

| Y | NA | RESPON. PARTY |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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|   |    |               | <b>c. An automatic load management system (ALMS) may be used to reduce the maximum required electrical capacity to each space served by the ALMS.</b> The electrical system and any on-site distribution transformers shall have sufficient capacity to deliver at least 3.3 kW simultaneously to each EV charging station (EVCS) served by the ALMS. The branch circuit shall have a minimum capacity of 40 amperes, and installed EV chargers shall have a capacity of not less than 30 amperes.                                                                                                                                                                                                                                           |
|   |    |               | <b>4.106.4.3 Electric vehicle charging for additions and alterations of parking facilities serving existing multi-family buildings, hotels and motels.</b> When existing parking facilities are altered or new parking spaces are added to existing parking facilities, and the work requires a building permit, each parking space added or altered shall have access to either a low power Level 2 EV charging receptacle or Level 2 EV charger, unless determined as infeasible by the project builder or designer and subject to concurrence of the local enforcing agency.<br><br><b>Exception:</b> Where work requiring a permit is being performed for the installation of 120-volt electrical receptacle(s) for level 1 EV charging. |
|   |    |               | <b>4.106.4.4 Bicycle parking.</b> Bicycle parking shall comply with Sections 4.106.4.4.1 through 4.106.4.4.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|   |    |               | <b>4.106.4.4.1 Short-term bicycle parking for multifamily buildings, hotels and motels.</b> Provide on-site bicycle parking at a ratio of one parking space for every 10,000 square feet, but not less than two spaces. Short-term bicycle parking shall be located within 200 feet of building entrances, and readily visible to passers-by. Acceptable parking facilities shall be conveniently accessed from the street and may include, but not be limited to:<br>1. Permanently anchored bicycle parking devices, racks, or lockers in an unsheltered, open area.<br>2. Covered or uncovered enclosures with permanently anchored bicycle parking devices or racks.                                                                     |
|   |    |               | <b>4.106.4.4.2 Long-term bicycle parking for multifamily buildings.</b> Provide on-site bicycle parking at a ratio of one parking space for every two dwelling units. Acceptable parking facilities shall be conveniently accessed from the street and may include, but not be limited to:<br>1. Covered, lockable enclosures with permanently anchored bicycle parking devices or racks.<br>2. Lockable bicycle storage rooms with permanently anchored bicycle parking devices or racks.<br>3. Lockable, weatherproof, permanently anchored bicycle lockers.                                                                                                                                                                               |
|   |    |               | <b>4.106.4.4.3 Long-term bicycle parking for hotel and motel buildings.</b> Provide one on-site long-term bicycle parking space for every 25,000 square feet, but not less than two. Acceptable parking facilities shall be conveniently accessed from the street and may include, but not be limited to:<br>1. Covered, lockable enclosures with permanently anchored bicycle parking devices or racks.<br>2. Lockable bicycle storage rooms with permanently anchored bicycle parking devices or racks.<br>3. Lockable, weatherproof, permanently anchored bicycle lockers.                                                                                                                                                                |
|   |    |               | <b>DIVISION 4.2 ENERGY EFFICIENCY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|   |    |               | <b>4.201 GENERAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|   |    |               | <b>4.201.1 SCOPE.</b> For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory standards.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|   |    |               | <b>DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|   |    |               | <b>4.303 INDOOR WATER USE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|   |    |               | <b>4.303.1 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS.</b> Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the sections 4.303.1.1, 4.303.1.2, 4.303.1.3, and 4.303.1.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|   |    |               | <b>Note:</b> All noncompliant plumbing fixtures in any residential real property shall be replaced with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy, or final permit approval by 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 other important enactment dates.                                                                                                                                                                                                                                |
|   |    |               | <b>4.303.1.1 Water Closets.</b> The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-type Toilets.<br><br><b>Note:</b> The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.                                                                                                                                                                                                                                                                                                            |
|   |    |               | <b>4.303.1.2 Urinals.</b> The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush. The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   |    |               | <b>4.303.1.3 Showerheads.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|   |    |               | <b>4.303.1.3.1 Single Showerhead.</b> Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|   |    |               | <b>4.303.1.3.2 Multiple showerheads serving one shower.</b> When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to only allow one shower outlet to be in operation at a time.<br><br><b>Note:</b> A hand-held shower shall be considered a showerhead.                                                                                                                                                                                                                                                                                            |
|   |    |               | <b>4.303.1.4 Faucets.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   |    |               | <b>4.303.1.4.1 Residential Lavatory Faucets.</b> The maximum flow rate of residential lavatory faucets shall not exceed 1.2 gallons per minute at 80 psi. The minimum flow rate of residential lavatory faucets shall be not less than 0.8 gallons per minute at 20 psi.                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|   |    |               | <b>4.303.1.4.2 Lavatory Faucets in Common and Public Use Areas.</b> The maximum flow rate of lavatory faucets installed in common and public use areas (outside of dwellings or sleeping units) in residential buildings shall not exceed 0.5 gallons per minute at 80 psi.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|   |    |               | <b>4.303.1.4.3 Metering Faucets.</b> Metering faucets when installed in residential buildings shall not deliver more than 0.2 gallons per cycle.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|   |    |               | <b>4.303.1.4.4 Kitchen Faucets.</b> The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.                                                                                                                                                                                                                                                                                                                                                                                                   |
|   |    |               | <b>Note:</b> Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|   |    |               | <b>4.303.1.4.5 Pre-rinse spray valves.</b> When installed, commercial pre-rinse spray valves shall meet the requirements in the <i>California Plumbing Code</i> , Section 420.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|   |    |               | <b>4.303.2 Submeters for multifamily buildings and dwelling units in mixed-used residential/commercial buildings.</b> Submeters shall be installed to measure water usage of individual rental dwelling units in accordance with the <i>California Plumbing Code</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|   |    |               | <b>4.303.3 Standards for plumbing fixtures and fittings.</b> Plumbing fixtures and fittings shall be installed in accordance with the <i>California Plumbing Code</i> , and shall meet the applicable standards referenced in Table 1701.1 of the <i>California Plumbing Code</i> .                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|   |    |               | <b>4.304 OUTDOOR WATER USE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   |    |               | <b>4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.</b> Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|   |    |               | <b>NOTES:</b><br>1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the <i>California Code Regulations</i> , Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including water budget calculator, are available at: <a href="https://www.water.ca.gov/">https://www.water.ca.gov/</a>                                                                                                                                                                                                                                                                                                                                                                                                                   |

| Y | NA | RESPON. PARTY |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---|----|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |    |               | <b>DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|   |    |               | <b>4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|   |    |               | <b>4.406.1 RODENT PROOFING.</b> Annular spaces around pipes, electric cables, conduits or other openings in sole/bottom plates at exterior walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or a similar method acceptable to the enforcing agency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|   |    |               | <b>4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|   |    |               | <b>4.408.1 CONSTRUCTION WASTE MANAGEMENT.</b> 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|   |    |               | <b>Exceptions:</b><br>1. Excavated soil and land-clearing debris.<br>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.<br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   |    |               | <b>4.408.2 CONSTRUCTION WASTE MANAGEMENT PLAN.</b> Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agency.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |    |               | 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.<br>2. Specify if construction and demolition waste materials will be sorted on-site (source separated) or bulk mixed (single stream).<br>3. Identify diversion facilities where the construction and demolition waste material collected will be taken.<br>4. Identify construction methods employed to reduce the amount of construction and demolition waste generated.<br>5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|   |    |               | <b>4.408.3 WASTE MANAGEMENT COMPANY.</b> 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.<br><br><b>Note:</b> The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|   |    |               | <b>4.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR].</b> 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|   |    |               | <b>4.408.5 DOCUMENTATION.</b> 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..                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|   |    |               | <b>Notes:</b><br>1. Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at <a href="http://www.hcd.ca.gov/CALGreen.html">www.hcd.ca.gov/CALGreen.html</a> may be used to assist in documenting compliance with this section.<br>2. Mixed construction and demolition debris (C & D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|   |    |               | <b>4.410 BUILDING MAINTENANCE AND OPERATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|   |    |               | <b>4.410.1 OPERATION AND MAINTENANCE MANUAL.</b> 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:<br><br>1. Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure.<br>2. Operation and maintenance instructions for the following:<br>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.<br>b. Roof and yard drainage, including gutters and downspouts.<br>c. Space conditioning systems, including condensers and air filters.<br>d. Landscape irrigation systems.<br>e. Water reuse systems.<br>3. Information from local utility, water and waste recovery providers on methods to further reduce resource consumption, including recycle programs and locations.<br>4. Public transportation and/or carpool options available in the area.<br>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.<br>6. Information about water-conserving landscape and irrigation design and controllers which conserve water.<br>7. Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation.<br>8. Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc.<br>9. Information about state solar energy and incentive programs available.<br>10. A copy of all special inspections verifications required by the enforcing agency or this code.<br>11. Information from the Department of Forestry and Fire Protection on maintenance of defensible space around residential structures.<br>12. Information and/or drawings identifying the location of grab bar reinforcements. |
|   |    |               | <b>4.410.2 RECYCLING BY OCCUPANTS.</b> 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 waste, and metals, or meet a lawfully enacted local recycling ordinance, if more restrictive.<br><br><b>Exception:</b> Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42649.82 (a)(2)(A) et seq. are not required to comply with the organic waste portion of this section.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|   |    |               | <b>DIVISION 4.5 ENVIRONMENTAL QUALITY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|   |    |               | <b>SECTION 4.501 GENERAL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|   |    |               | <b>4.501.1 Scope</b> 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|   |    |               | <b>SECTION 4.502 DEFINITIONS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|   |    |               | <b>5.102.1 DEFINITIONS</b><br>The following terms are defined in Chapter 2 ( <i>and are included here for reference</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|   |    |               | <b>AGRIFIBER PRODUCTS.</b> Agrifiber products include wheatboard, strawboard, panel substrates and door cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|   |    |               | <b>COMPOSITE WOOD PRODUCTS.</b> Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardwood, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated lumber, prefabricated wood joists or finger-jointed lumber, all as specified in California Code of regulations (CCR), title 17, Section 93120.1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|   |    |               | <b>DIRECT-VENT APPLIANCE.</b> 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Laura Hanson  
design

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Cambria, CA 93428  
laura@aurahansondesign.com  
310.968.9471

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|          |             |
|----------|-------------|
| FILE     | Cover Sheet |
| DRAWN    |             |
| REVIEWED |             |
| CAD      | A Esposito  |

|   | ISSUE                | DATE BY      |
|---|----------------------|--------------|
| 1 | Planning corrections | 1/29/25/A.e. |
| 2 | Planning corrections | 5/19/25/A.e. |

Fire Rebuild

5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

|         |            |
|---------|------------|
| SCALE   | NONE       |
| PRINTED | 05/19/2026 |
| TITLE   |            |

CAL. GREEN 1

SHEET

A-0.02





**DISCLAIMER:** THIS DOCUMENT IS PROVIDED AND INTENDED TO BE USED AS A MEANS TO INDICATE AREAS OF COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS (CALGREEN) CODE. DUE TO THE VARIABLES BETWEEN BUILDING DEPARTMENT JURISDICTIONS, THIS CHECKLIST IS TO BE USED ON AN INDIVIDUAL PROJECT BASIS AND MAY BE MODIFIED BY THE END USER TO MEET THOSE INDIVIDUAL NEEDS. THE END USER ASSUMES ALL RESPONSIBILITY ASSOCIATED WITH THE USE OF THIS DOCUMENT, INCLUDING VERIFICATION WITH THE FULL CODE.



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[illegible]

## Fire Rebuild

5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

|         |            |
|---------|------------|
| SCALE   | NONE       |
| PRINTED | 05/19/2026 |
| TITLE   |            |

**CAL. GREEN 2**

SHEET

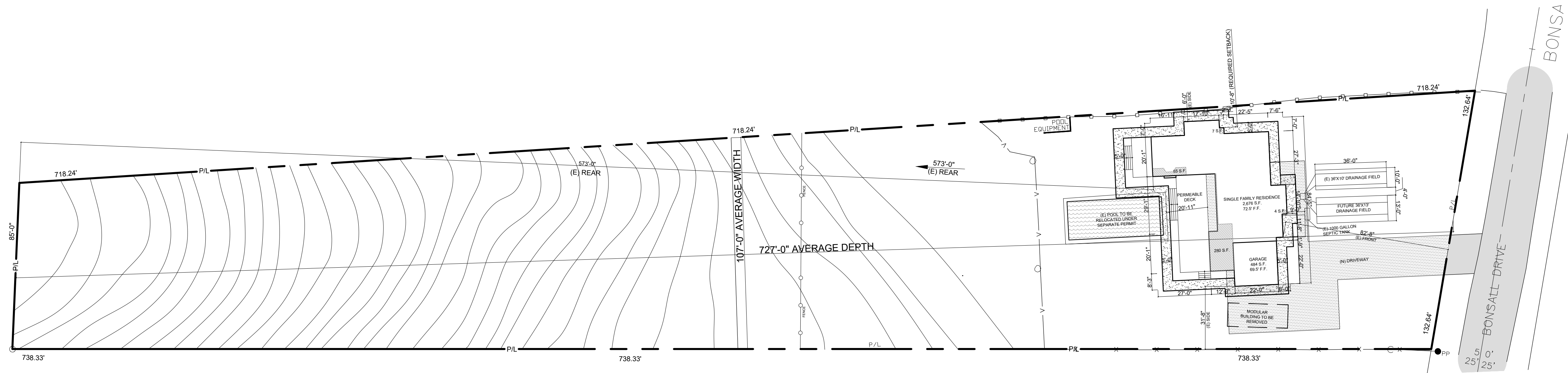
**A-0.03**



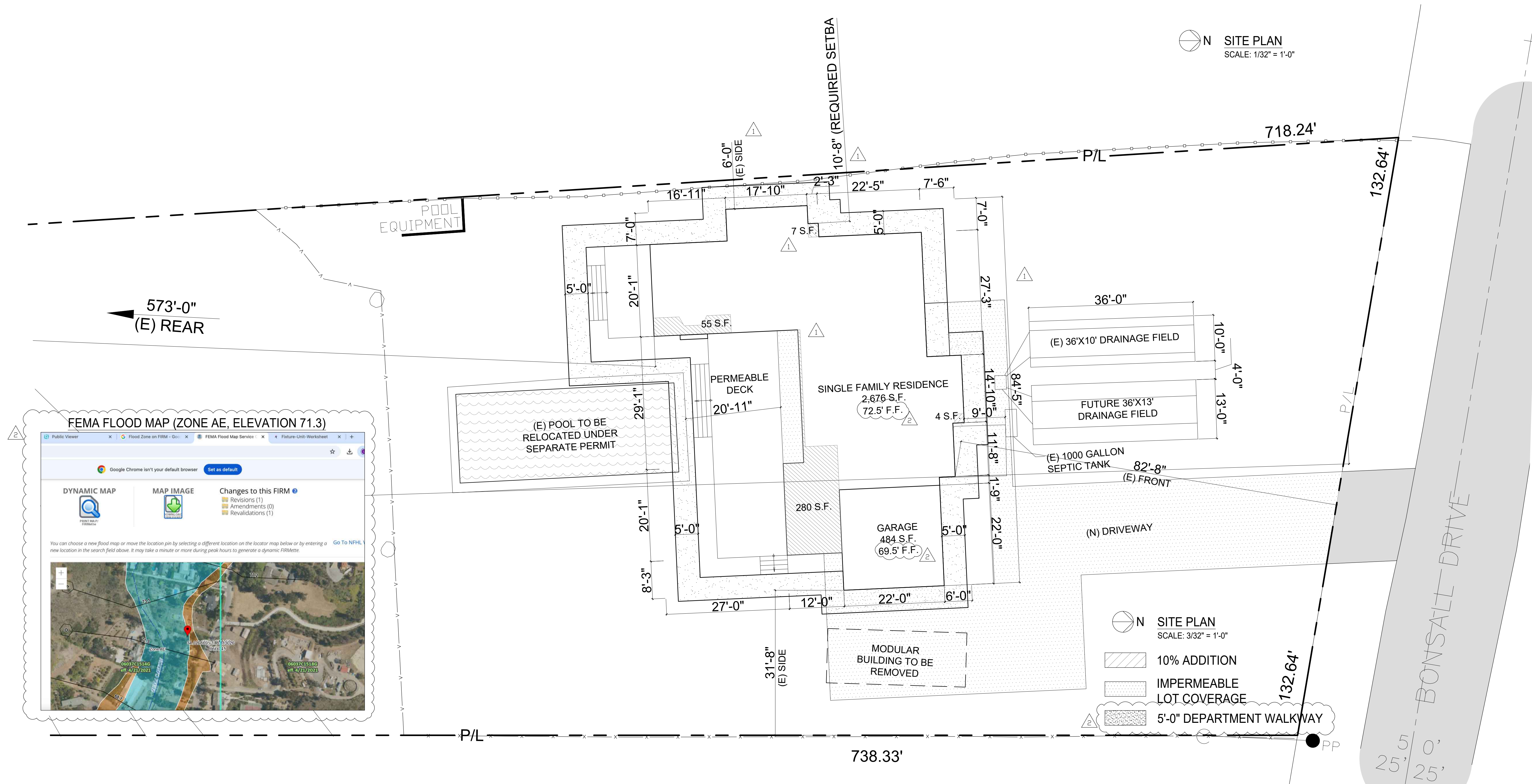




CITY OF MALIBU  
COMMUNITY DEVELOPMENT DEPARTMENT  
PLANNING DIVISION  
SUBSTANTIAL CONFORMANCE  
PLANNING REVIEW NO. PVPF 24-021  
DATE: 6.24.2026  
SIGNATURE: *[Signature]*  
PRINT NAME: Aakash Shah  
THESE PLANS HAVE BEEN REVIEWED AND  
ARE IN CONFORMANCE WITH THE PLANS  
APPROVED ON:



N SITE PLAN  
SCALE: 1/32" = 1'-0"



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LAURA M. HANSON DESIGNER.

FILE Cover Sheet  
DRAWN  
REVIEWED  
CAD A. Esposito

ISSUE DATE BY  
1 Planning 1/29/25 A.e.  
2 corrections  
2 Planning 5/19/25 A.e.  
corrections

Fire Rebuild

5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

SCALE 3/32" = 1'-0"  
PRINTED 05/19/2026  
TITLE

SITE PLAN

SHEET

A-1.00





23825 Stuart Ranch Road ♦ Malibu, California 90265-4861  
(310) 456-2489 ♦ fax (310) 317 0950 ♦ [www.malibucity.org](http://www.malibucity.org)

1. All work shown on these plans shall be constructed in accordance with the current edition of the Standard Specifications for Public Works Construction (SSPWC) "Green Book."
2. Contractors shall comply with all applicable Division of Industrial Regulations (Cal-OSHA) safety standards. If requested by the Inspector, the Contractor shall provide proof of a permit from said division.
3. Contractor shall call the Public Works Inspector at (310) 456-2489, ext. 341 for Pre-Construction Meeting prior to the commencement of any construction or grading operations. Contractor shall notify the City Public Works Inspector 48 hours prior to commencing any construction and 24 hours in advance of specific inspection needs during the course of the work.
4. No improvements are proposed within the Public Right-Of-Way.
5. Storage of any construction materials, construction trailer, and/or parking and any work within the City public right of way shall require a City Encroachment Permit. Call the Public Works Inspector at (310) 456-2489, ext. 341 to apply for a permit.
6. Storage of any construction materials, construction trailer, and/or parking and any work within the Caltrans public right of way shall require a Caltrans Encroachment Permit. Submit a copy of the Caltrans Encroachment Permit to the Public Works Department.
7. All work shall be performed during City working hours and in compliance with these plans.
8. Contractor shall verify all conditions and dimensions and shall report any discrepancies to the Engineer prior to the commencement of any work.
9. Contractor shall locate, protect, and save any and all survey monuments that will be or may be damaged or destroyed by their operations. Once found, the Contractor shall then notify both the developer's supervising Civil Engineer and the Public Works Inspector. The supervising Civil Engineer shall reset all said monuments per the requirements of the Professional Land Surveyor's Act.
10. The Contractor shall be responsible for protecting all public and private property insofar as it may be affected by these operations.
11. Existing traffic signs are not to be removed without prior notification and approval of the City Engineer. As a minimum, construction work zone traffic signs and striping shall be furnished, installed, and maintained in accordance with the "Work Area Traffic Control Handbook" (the "WATCH Manual"), published by BNI Building News, Inc. A Traffic Control Plan, prepared by the developer, may be required by the City.

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7/19/2018

12. Dust control shall be maintained at all times.

13. Erosion Control Plans shall be provided for all projects. Grading and clearing is prohibited from November 1 to March 31 for all developments within or adjacent to ESHA and/or including grading on slopes greater than 4:1.

14. All underground utilities and service laterals shall be installed prior to construction of curbs, gutters, sidewalks, and paving unless otherwise permitted by the City Engineer.

15. The Developer shall comply with NPDES requirements. The Storm Water Pollution Prevention Plan (SWPPP) shall be available at the construction site at all times and shall be kept updated.

16. All recommendations made by the Geotechnical/Soils Engineer (and Engineering Geologist, where employed), and contained in the reports referenced hereon, as approved or conditioned by the City, shall be considered a part of the Grading Plan.

17. All storm drain pipe within the public right-of-way and easements shall be reinforced concrete pipe (RCP).

18. Terrace drains, interceptor drains, and down drains shall be constructed of 3" P.C.C. reinforced with 6"x6" x #10 W.W.M. and shall be either semicircular or triangular cross section. Concrete color shall be "Omaha Tan" or approved equivalent.

19. Grading Quantities:

|        |          |        |        |          |        |
|--------|----------|--------|--------|----------|--------|
| Cut    | <u>0</u> | cu.yd. | Fill   | <u>0</u> | cu.yd. |
| Export | <u>0</u> | cu.yd. | Import | <u>0</u> | cu.yd. |

20. Total Disturbed Area 16,000 S.F. \_\_\_\_\_ acres  
(including grading, clearing, and landscaping area)  
Total Existing Impervious Surface Area 3,319 S.F. \_\_\_\_\_ sq. ft.  
Total Proposed Impervious Surface Area 7,291 S.F. \_\_\_\_\_ sq. ft.  
Flood Zone on FIRM: AE Base Flood Elevation: 71.3 ft.

21. All slopes on private property adjoining streets, drainage channels, or other public facilities shall be graded not steeper than 2:1 for cut and fill unless specifically approved by the City Engineer on recommendation of the project's geotechnical/soils consultant.

22. The applicant shall label all City/County storm drain inlets within 250 feet from each property line per the City of Malibu's standard label template.

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2 of 2

7/19/2018



To: Laura Hanson, Laura Hanson Design

From: Public Works Department  
Kevin Chang, Assistant Civil Engineer

Date: April 10, 2026

Re: 5911 Bonsall Dr, CCWF 26-0002\_0006

The Public Works Department has begun its review of this application and cannot recommend approval at this time. Please address the following:

1. Please include the Public Works Department General Notes (see attached) and fill out Notes 19 and 20.
2. This property is located within the FEMA AE Zone and the structure may need to be elevated to be above the base flood elevation. Please provide this information on the plans and show where the proposed structure is in relation to the AE Zone. Confirm that the lowest floor of the proposed structure is 1 foot above the FEMA base flood elevation.
3. Please provide a grading plan or provide existing features and proposed grading improvements on a site plan. Call out/provide construction notes for all proposed grading improvements. Show elevations and slopes.
4. Please provide a drainage plan or provide existing and proposed features of the on-site storm drain system on a site plan. Call out/provide construction notes for all drainage features. Provide drainage flow direction arrows, pipe sizes, invert elevations, and slopes.
5. Please provide the location of down spouts, roof drains, and the connection to the on-site storm drain system.
6. Please provide construction details for all proposed drainage features on site. Features include, but are not limited to, inlets, cleanouts, etc.
7. Prior to the issuance of the Grading/Building permits for the project, please provide a Local Storm Water Pollution Prevention Plan. This plan shall include an Erosion and Sediment Control Plan (ESCP) that includes, but not limited to:

C:\Users\kchang\Documents\5911 Bonsall Dr\_CCWF 26-0002\_0006 PublicWorksCorrections.doc



|                            |                                   |
|----------------------------|-----------------------------------|
| Erosion Controls           | Scheduling of Existing Vegetation |
| Sediment Controls          | Silt Fence                        |
|                            | Sand Bag Barrier                  |
| Non-Storm Water Management | Stabilized Construction Entrance  |
|                            | Water Conservation Practices      |
| Waste Management           | Dewatering Operations             |
|                            | Material Delivery and Storage     |
|                            | Stockpile Management              |
|                            | Spill Prevention and Control      |
|                            | Solid Waste Management            |
|                            | Concrete Waste Management         |
|                            | Sanitary/Septic Waste Management  |

All Best Management Practices (BMP) shall be in accordance to the latest version of the California Stormwater Quality Association (CASQA) BMP Handbook. Designated areas for the storage of construction materials, solid waste management, and portable toilets must not disrupt drainage patterns or subject the material to erosion by site runoff.

|                                                                                                                          |                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <p align="center"><b>CITY OF MALIBU</b><br/> <b>COMMUNITY DEVELOPMENT DEPARTMENT</b><br/> <b>PLANNING DIVISION</b></p>   |                                                                                     |
| <p align="center"><b>SUBSTANTIAL CONFORMANCE</b></p>                                                                     |                                                                                     |
| PLANNING REVIEW NO:                                                                                                      | PVPF 24-021                                                                         |
| DATE:                                                                                                                    | 6.24.2026                                                                           |
| SIGNATURE:                                                                                                               |  |
| PRINT NAME:                                                                                                              | Aakash Shah                                                                         |
| <p>THESE PLANS HAVE BEEN REVIEWED AND<br/>         ARE IN CONFORMANCE WITH THE PLANS<br/>         APPROVED ON: _____</p> |                                                                                     |

529 Dorset St.  
Cambria, CA 93428  
aura@laurahansondesign.com  
310.968.9471

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|          |             |
|----------|-------------|
| FILE     | Cover Sheet |
| DRAWN    |             |
| REVIEWED |             |
| CAD      | A. Esposito |

[illegible]

## Fire Rebuild

5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

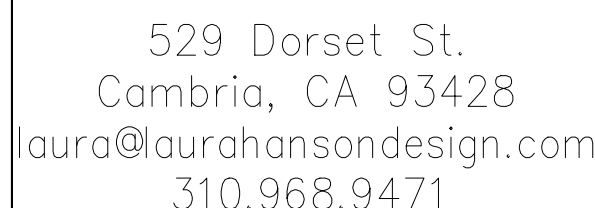
|         |            |
|---------|------------|
| SCALE   | NONE       |
| PRINTED | 05/19/2026 |
| TITLE   |            |

## SITE PLAN NOTES

SHEET

**A-1.01**





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|          |             |
|----------|-------------|
| FILE     | Cover Sheet |
| DRAWN    |             |
| REVIEWED |             |
| CAD      | A. Esposito |

| ISSUE         | DATE    | BY  |
|---------------|---------|-----|
| 1 Planning    | 1/29/25 | A.e |
| 2 corrections |         |     |
| 1 Planning    | 5/19/25 | A.e |
| 2 corrections |         |     |

## Fire Rebuild

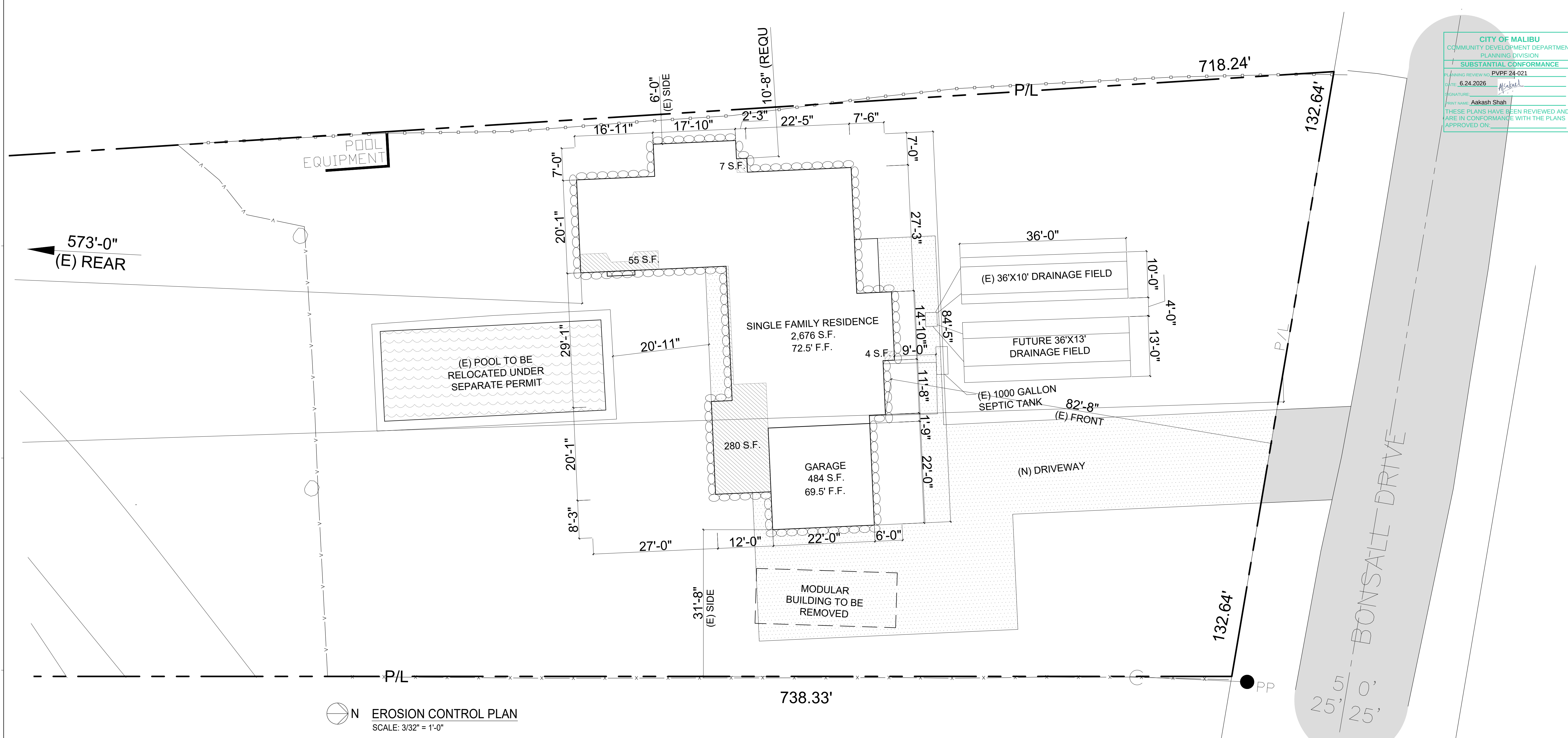
5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

|         |               |
|---------|---------------|
| SCALE   | 3/32" = 1'-0" |
| PRINTED | 05/19/2026    |
| TITLE   |               |

# EROSION CONTROL PLAN

**A-1.02**



**STORMWATER POLLUTION PLAN NOTES**  
**(ATTACHMENTS A AND B) TO BE ADDED**  
**TO ALL GRADING PLANS.**

- [illegible]

JOB\_ADDRESS

#### CONTRACTORS

**24 HOUR EMERGENCY NO**

**STORMWATER POLLUTION PLAN NOTES**  
**(ATTACHMENTS A AND B) TO BE ADDED**  
**TO ALL GRADING PLANS.**

- [illegible]

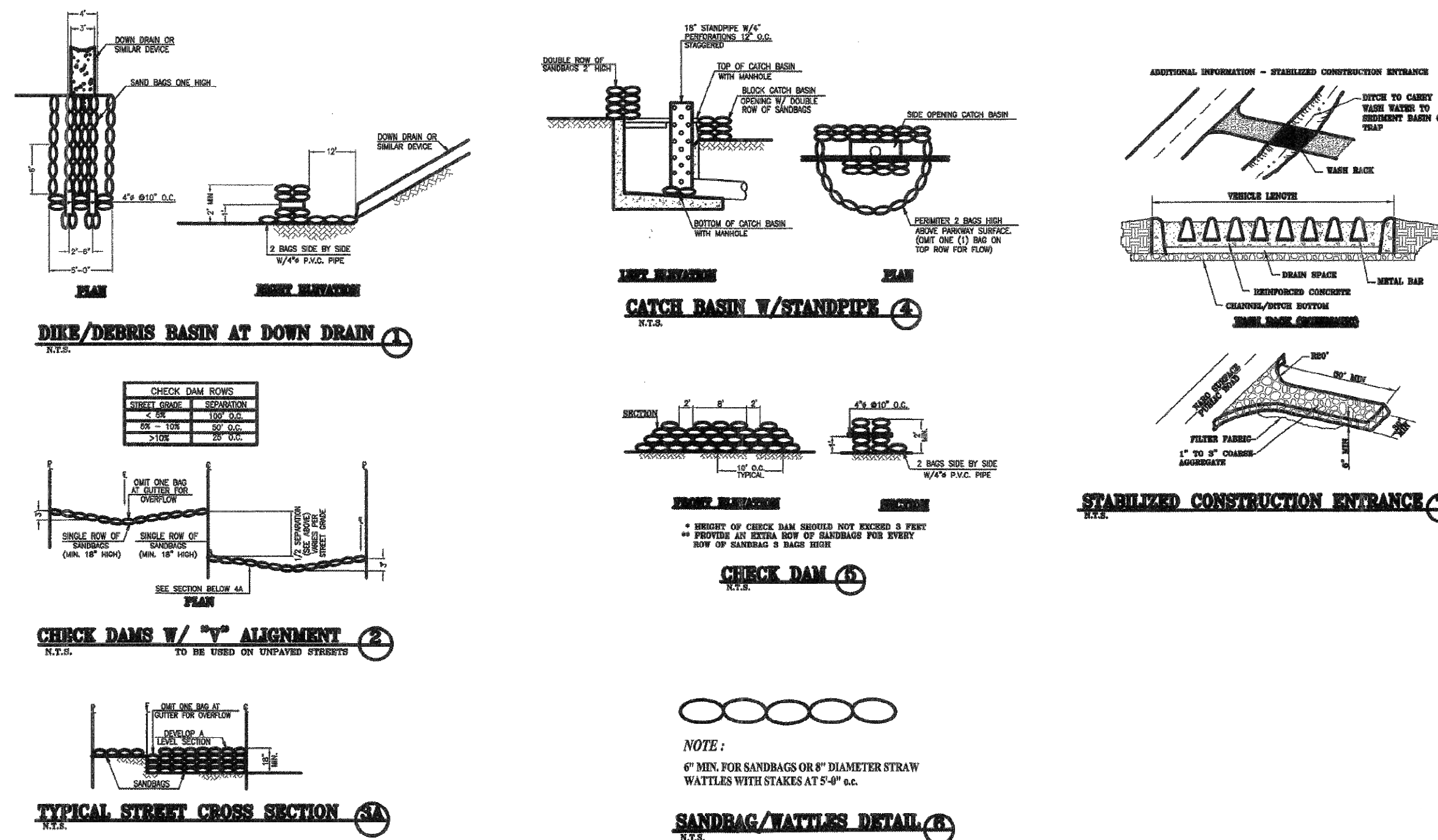
CIVIL ENGINEERING/ARCHITECTURE SIGNATURE

**ENV**

20. THE FOLLOWING NOTES MUST BE ON THE PLAN (OR SUBMITTED AS A SEPARATE DOCUMENT - PRIOR TO PLAN APPROVAL).

## ATTACHMENT "B" NOTES

- [illegible]





1. IN CASE OF EMERGENCY, CALL \_\_\_\_\_ AT \_\_\_\_\_  
2. TOTAL DISTURBED AREA \_\_\_\_\_ FEET SQUARE, \_\_\_\_\_' X \_\_\_\_\_' WIDTH \_\_\_\_\_'

1. RISK LEVEL 1 2 3 (CIRCLE ONE AS DETERMINED BY STATE GENERAL PERMIT FOR SITES GREATER THAN 1 ACRE)

3. A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.

4. EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.

5. GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.

6. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.

7. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DETENTION OPERATIONS.

8. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.

9. DESTABILIZING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15 OF THE FOLLOWING YEAR WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.

10. STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES; THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL, IF REQUESTED BY THE BUILDING OFFICIAL.

11. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITES AT ALL TIMES.

12. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.

13. STOCKPILES OF FUEL AND OTHER CONSTRUCTION-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.

14. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.

15. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.

16. DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPS ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A SIX OR GREATER PROBABILITY OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (COPIES OF THE SELF-INSPECTION CHECK LIST AND INSPECTION LOGS ARE AVAILABLE UPON REQUEST).

17. TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RANNAWAY AND DISPOSAL BY WIND.

18. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

19. ANY SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

20. AS THE ENGINEER/GSD OF RECORD, I HAVE SELECTED APPROPRIATE BMPS TO EFFECTIVELY MINIMIZE THE NEGATIVE IMPACTS OF THIS PROJECT'S CONSTRUCTION ACTIVITIES ON STORM WATER QUALITY. THE PROJECT OWNER AND CONTRACTOR ARE AWARE THAT THE SELECTED BMPS MUST BE INSTALLED, MONITORED, AND MAINTAINED TO ENSURE THEIR EFFECTIVENESS.

CIVIL ENGINEER/GSD SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

21. THE FOLLOWING NOTES MUST BE ON THE PLAN:

AS THE PROJECT OWNER OR AUTHORIZED AGENT OF THE OWNER, I CERTIFY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH THE SYSTEM DESIGNED TO ENSURE THAT A QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO PROVIDED THE DATA, AND THAT THE PERSONS DIRECTLY RESPONSIBLE FOR PROVIDING THE INFORMATION, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE INFORMATION SUBMITTED IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT SUBMITTING FALSE AND/OR INACCURATE INFORMATION, FAILING TO UPDATE THE ESCP TO REFLECT CURRENT CONDITIONS, OR FAILING TO PROPERLY AND/OR ADEQUATELY IMPLEMENT THE ESCP MAY RESULT IN REVOCATION OF GRADING AND/OR OTHER PERMITS OR OTHER SANCTIONS PROVIDED BY LAW."

OWNER OR AUTHORIZED REPRESENTATIVE (PERMITTED) \_\_\_\_\_ DATE \_\_\_\_\_

1. DEVELOPERS/CONTRACTORS ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPS ARE INSTALLED AND FUNCTIONING PROPERLY AS REQUIRED BY THE STATE CONSTRUCTION GENERAL PERMIT. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.

2. THE FOLLOWING BMPS FROM THE "CASCA CONSTRUCTION BMP ONLINE HANDBOOK" MUST BE IMPLEMENTED FOR ALL CONSTRUCTION ACTIVITIES AS APPLICABLE. AS AN ALTERNATIVE, DETAILS FROM "CALTRANS STORMWATER QUALITY HANDBOOKS, CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (BMP) MANUAL," MAY BE USED. ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE BUILDING OFFICIAL.

22. OTHER DETAILS MAY APPLY, ADD AS NECESSARY.

EC1 - SCHEDULING  
EC2 - PRESERVATION OF EXISTING VEGETATION  
EC3 - HYDRAULIC MULCH  
EC4 - HYDROSEEDING  
EC5 - SOIL BINDERS  
EC6 - STRAW MULCH  
EC7 - GEOTEXTILES & MATS  
EC8 - WOOD MULCHING  
EC10 - EARTH DIKES AND DRAINAGE SWALES  
EC10 - VELOCITY

EC11 - SLOPE DRAINS  
EC12 - STREAMBANK STABILIZATION  
EC13 - RESERVED  
EC14 - COMPOST BLANKETS  
EC15 - SOIL PREPARATION\ROUGHENING  
EC16 - NON-VEGETATED STABILIZATION

- SE1 - SILT FENCE
- SE2 - SEDIMENT BASIN
- SE3 - SEDIMENT TRAP
- SE4 - CHECK DAM
- SE5 - FIBER ROLLS
- SE6 - GRAVEL BAG BERM
- SE7 - STREET SWEEPING AND VACUUMING
- SE8 - SANDBAG BARRIER
- SE9 - STRAW BALE BARRIER
- SE10 - STORM DRAIN INLET PROTECTION
- SE11 - ACTIVE TREATMENT SYSTEMS
- SE12 - TEMPORARY SILT DIKE
- SE13 - COMPOST SOCKS & BERMS
- SE14 - BIOFILTER BAGS

## WE1 - WIND EROSION CONTROL

TC1 - STABILIZED CONSTRUCTION ENTRANCE EXITS  
TC2 - STABILIZED CONSTRUCTION ROADWAY  
TC3 - ENTRANCE/OUTLET TIRE WASH

- NS1 - WATER CONSERVATION PRACTICES
- NS2 - Dewatering Operations
- NS3 - PAVING AND GRINDING OPERATIONS
- NS4 - TEMPORARY STREAM CROSSING
- NS5 - CLEAR WATER DIVERSION
- NS6 - ILLICIT CONNECTION/DISCHARGE
- NS7 - POTABLE WATER/IRRIGATION
- NS8 - VEHICLE AND EQUIPMENT CLEANING
- NS9 - VEHICLE AND EQUIPMENT FUELING
- NS10 - VEHICLE AND EQUIPMENT MAINTENANCE
- NS11 - PILE DRIVING OPERATIONS
- NS12 - CONCRETE CURING
- NS13 - CONCRETE FINISHING
- NS14 - MATERIAL AND EQUIPMENT USE
- NS15 - DEMOLITION ADJACENT TO WATER
- NS16 - TEMPORARY BATCH PLANTS

- WM1 - MATERIAL DELIVERY AND STORAGE
- WM2 - MATERIAL USE
- WM3 - STOCKPILE MANAGEMENT
- WM4 - SPILL PREVENTION AND CONTROL
- WM5 - SOLID WASTE MANAGEMENT
- WM6 - HAZARDOUS WASTE MANAGEMENT
- WM7 - CONTAMINATION SOIL MANAGEMENT
- WM8 - CONCRETE WASTE MANAGEMENT
- WM9 - SANITARY/SEPTIC WASTE MANAGEMENT
- WM10 - LIQUID WASTE MANAGEMENT

Inspected By: \_\_\_\_\_

Project: \_\_\_\_\_

Contractor: \_\_\_\_\_

Date: \_\_\_\_\_

Check "Yes" or "No" or "N/A" if not applicable.

YES NO N/A

- |                          |                          |                                                                                                                                                |
|--------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Has there been rain at the site since the last inspection?                                                                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Are all sediment barriers (e.g., sandbags, straw bales, and silt fences) in place in accordance with the Plan and are they functioning prop |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. If present, are all exposed slopes protected from erosion through the implementation of acceptable soil stabilization practices?            |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. If present, are all sediment traps/basins installed and functioning properly?                                                               |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Are all material handling and storage areas reasonably clean and free of spills, leaks, or other deleterious materials?                     |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Are all equipment storage and maintenance areas reasonably clean and free of spills, leaks, or any other deleterious materials?             |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Are all materials and equipment properly covered?                                                                                           |
| <input type="checkbox"/> | <input type="checkbox"/> | 8. Are all external discharge points (i.e., outfalls) reasonably free of any noticeable pollutant discharges?                                  |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Are all internal discharge points (i.e., storm drain inlets) provided with inlet protection?                                                |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Are all external discharge points reasonably free of any significant erosion or sediment transport?                                        |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Are all BMPs identified on the Plan installed in the proper locations and according to the specifications for the Plan?                    |
| <input type="checkbox"/> | <input type="checkbox"/> | 12. Are all structural control practices in good repair and maintained in functional order?                                                    |

Check "Yes" or "No" or "N/A" if not applicable.

YES NO N/A

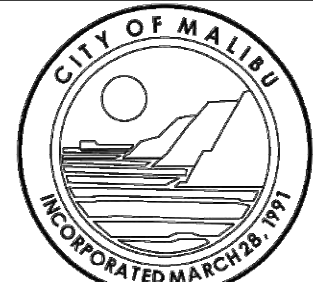
- |                          |                          |                                                                                                                                               |
|--------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | 13. Are all on-site traffic routes, parking, and storage of equipment and supplies restricted to areas designated in the Plan for those uses? |
| <input type="checkbox"/> | <input type="checkbox"/> | 14. Are all locations of temporary soil stockpiles or construction materials in approved areas and properly contained?                        |
| <input type="checkbox"/> | <input type="checkbox"/> | 15. Are all seeded or landscaped areas properly maintained?                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 16. Are sediment controls in place at discharge points from the site?                                                                         |
| <input type="checkbox"/> | <input type="checkbox"/> | 17. Are slopes free of significant erosion?                                                                                                   |
| <input type="checkbox"/> | <input type="checkbox"/> | 18. Are all points of ingress and egress from the site provided with stabilized construction entrances?                                       |
| <input type="checkbox"/> | <input type="checkbox"/> | 19. Is sediment, debris, or mud being cleaned from public roads at intersections with site access roads?                                      |
| <input type="checkbox"/> | <input type="checkbox"/> | 20. Does the Plan reflect current site conditions?                                                                                            |

**INSPECTION LOG**  
The site shall be inspected before and after storm events with 0.25 inches or greater predicted or actual precipitation, and documented on the Construction Site Inspection Checklist Form. Incidents of noncompliance must be reported to the Field Engineer. A log of all inspections, as shown below, shall be kept current and maintained at the job sites at all times.

[illegible]

2016 CA RESIDENTIAL CODE  
**EROSION AND SEDIMENT  
 CONTROL PLAN (ESCP)**  
 "THESE CODE REQUIREMENTS GOVERN ANY  
 ERRORS SHOWN ON OTHER PLANS."  
 SHEET 1 OF 2

**CITY OF:  
MALIBU  
23825 STUART RANCH ROAD  
MALIBU, CA 90265  
310-456-3356**



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|          |             |
|----------|-------------|
| FILE     | Cover Sheet |
| DRAWN    |             |
| REVIEWED |             |
| CAD      | A. Esposito |

[illegible]

## Fire Rebuild

5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

|         |            |
|---------|------------|
| SCALE   | NONE       |
| PRINTED | 05/19/2026 |
| TITLE   |            |

# EROSION CONTROL NOTES

**A-1.03**



PLAN CHECK # :  
PERMIT # :  
ADDRESS:

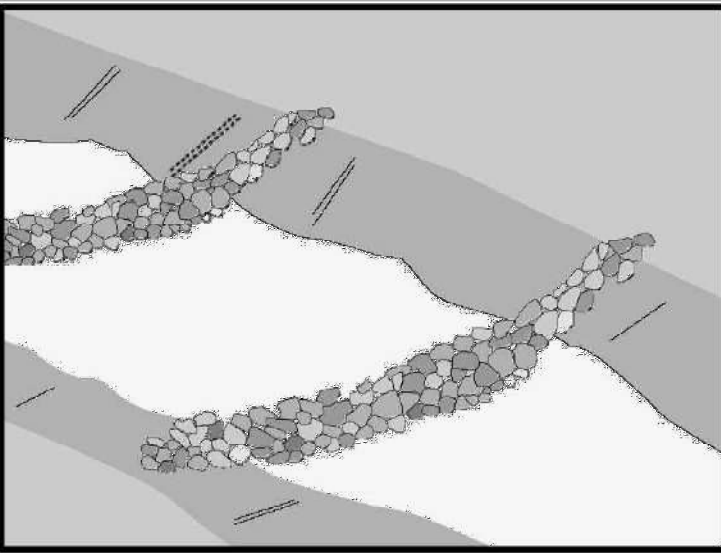
2016 CA RESIDENTIAL CODE  
**EROSION AND SEDIMENT  
CONTROL PLAN (ESCP)**  
"THESE CODE REQUIREMENTS GOVERN ANY  
ERRORS SHOWN ON OTHER PLANS."  
SHEET 2 OF 2

**WORK DESCRIPTION:**

**CITY OF:  
MALIBU**  
23825 STUART RANCH ROAD  
MALIBU, CA 90265  
310-456-3356



### Check Dams SE-4



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  | <input checked="" type="checkbox"/> |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

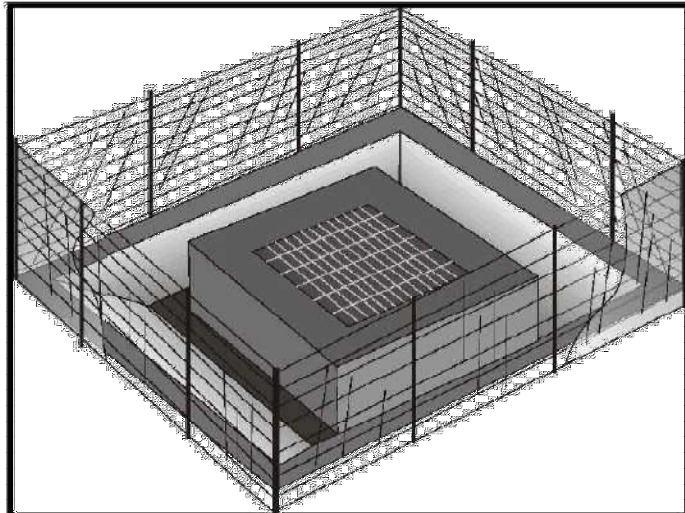
**Legend:**  
☒ Primary Category  
☒ Secondary Category

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |
| <input type="checkbox"/>            | Organics       |

**Description and Purpose**  
A check dam is a small barrier constructed of rock, gravel bags, sandbags, fiber rolls, or other proprietary products, placed across a constructed swale or drainage ditch. Check dams reduce the effective slope of the channel, thereby reducing scour and channel erosion by reducing flow velocity and increasing residence time within the channel, allowing sediment to settle.

### Storm Drain Inlet Protection SE-10



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

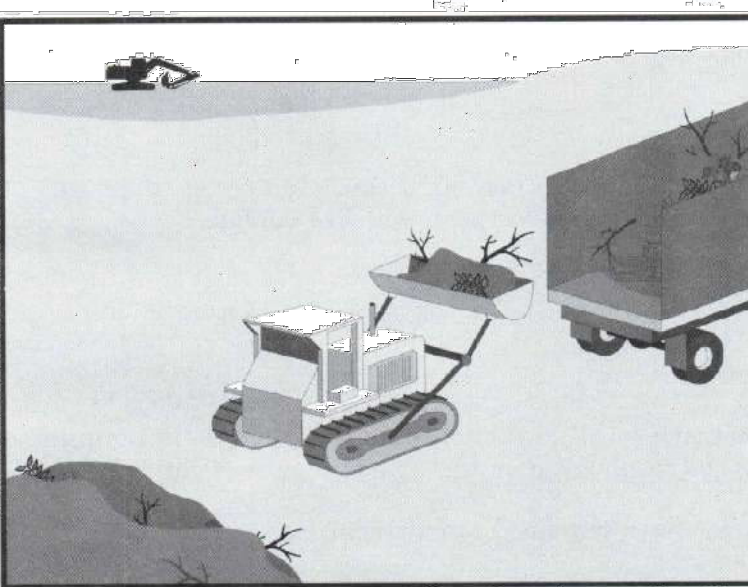
**Legend:**  
☐ Primary Category  
☒ Secondary Category

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input checked="" type="checkbox"/> | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |
| <input type="checkbox"/>            | Organics       |

**Description and Purpose**  
Storm drain inlet protection consists of a sediment filter or an impounding area in, around or upstream of a storm drain, drop inlet, or catch inlet. Storm drain inlet protection measures temporarily pond runoff before it enters the storm drain, allowing sediment to settle. Some filter configurations also remove sediment by filtering, but usually the ponding action results in the greatest sediment reduction. Temporary geotextile storm drain inlets attach underneath storm drain grates to capture and filter storm water.

### Solid Waste Management WM-5



**Objectives**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control | <input checked="" type="checkbox"/> |

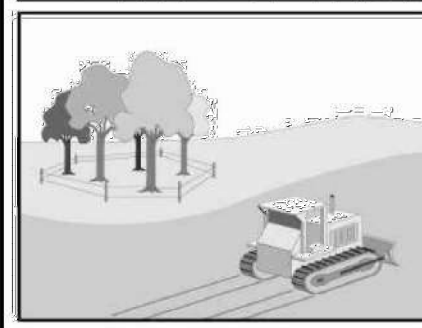
**Legend:**  
☒ Primary Objective  
☒ Secondary Objective

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input checked="" type="checkbox"/> | Nutrients      |
| <input checked="" type="checkbox"/> | Trash          |
| <input checked="" type="checkbox"/> | Metals         |
| <input checked="" type="checkbox"/> | Bacteria       |
| <input checked="" type="checkbox"/> | Oil and Grease |

**Description and Purpose**  
Solid waste management procedures and practices are designed to prevent or reduce the discharge of pollutants to stormwater from solid or construction waste by providing designated waste collection areas and containers, arranging for regular disposal, and training employees and subcontractors.

### Preservation Of Existing Vegetation EC-2



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  | <input checked="" type="checkbox"/> |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

**Legend:**  
☐ Primary Objective  
☒ Secondary Objective

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |
| <input type="checkbox"/>            | Organics       |

**Description and Purpose**  
Careful planning and implementation of existing vegetation protection measures can prevent or reduce the discharge of pollutants to stormwater from solid or construction waste by providing designated waste collection areas and containers, arranging for regular disposal, and training employees and subcontractors.

### Silt Fence SE-1



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

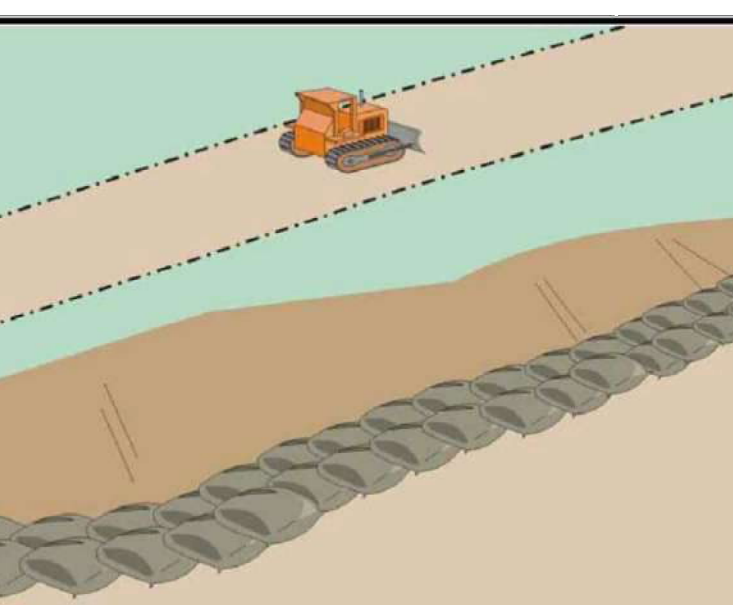
**Legend:**  
☐ Primary Category  
☒ Secondary Category

**Targeted Constituents**

|                                     |                            |
|-------------------------------------|----------------------------|
| <input checked="" type="checkbox"/> | Sediment (coarse sediment) |
| <input type="checkbox"/>            | Nutrients                  |
| <input type="checkbox"/>            | Trash                      |
| <input type="checkbox"/>            | Metals                     |
| <input type="checkbox"/>            | Bacteria                   |
| <input type="checkbox"/>            | Oil and Grease             |

**Description and Purpose**  
A silt fence is made of a woven geotextile that has been entrenched, attached to supporting poles, and sometimes backed by a plastic or wire mesh for support. The silt fence detains water, promoting sedimentation of coarse sediment behind the fence. Silt fence does not retain soil fine particles like clays or silts.

### Sandbag Barrier SE-8



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  | <input checked="" type="checkbox"/> |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

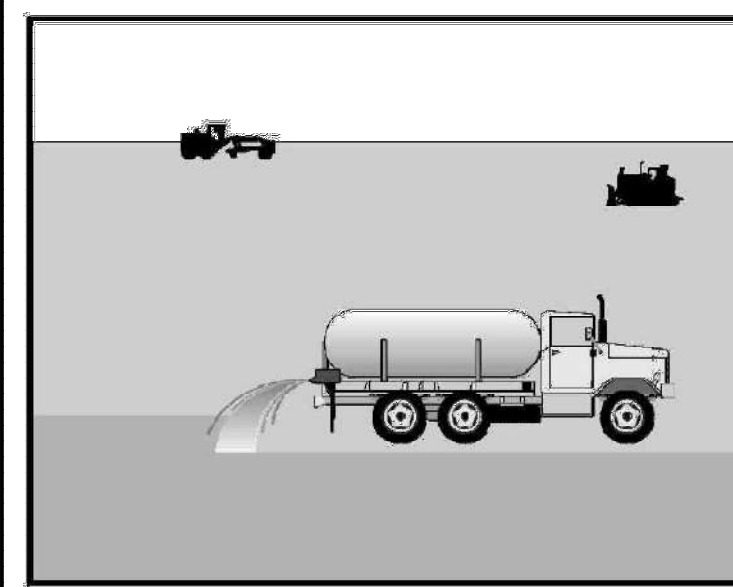
**Legend:**  
☐ Primary Category  
☒ Secondary Category

**Targeted Constituents**

|                                     |           |
|-------------------------------------|-----------|
| <input checked="" type="checkbox"/> | Sediment  |
| <input type="checkbox"/>            | Nutrients |
| <input type="checkbox"/>            | Trash     |
| <input type="checkbox"/>            | Metals    |

**Description and Purpose**  
A sandbag barrier is a series of sand-filled bags placed on a level contour to intercept or to divert sheet flows. Sandbag barriers placed on a level contour pond sheet flow runoff, allowing sediment to settle out.

### Wind Erosion Control WE-1



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             | <input checked="" type="checkbox"/> |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

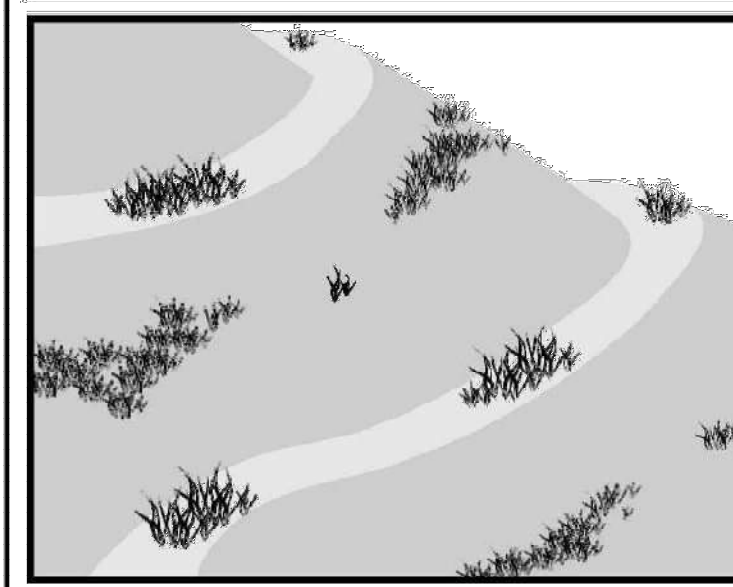
**Legend:**  
☐ Primary Category  
☒ Secondary Category

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |

**Description and Purpose**  
Wind erosion or dust control consists of applying water or other chemical dust suppressants as necessary to prevent or alleviate dust nuisance generated by construction activities. Covering small stockpiles or areas is an alternative to applying water or other dust palliatives.

### Hydroseeding EC-4



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  | <input checked="" type="checkbox"/> |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             | <input checked="" type="checkbox"/> |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

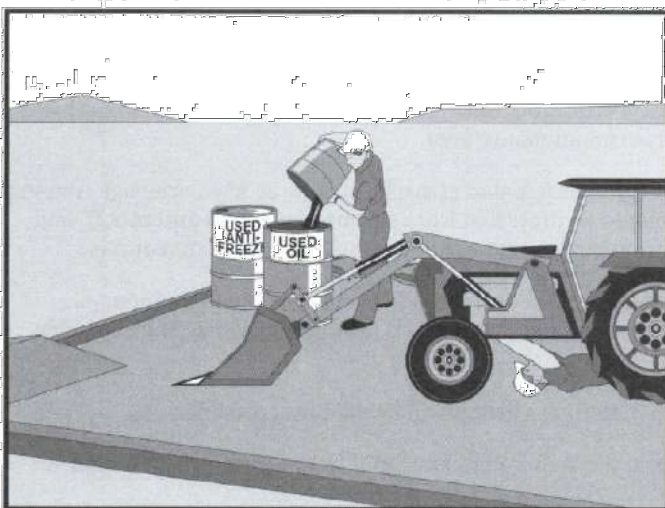
**Legend:**  
☐ Primary Category  
☒ Secondary Category

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |
| <input type="checkbox"/>            | Organics       |

**Description and Purpose**  
Hydroseeding typically consists of applying a mixture of a hydraulic mulch, seed, fertilizer, and stabilizing emulsion with a hydraulic mulcher, to temporarily protect exposed soils from erosion by water and wind. Hydraulic seeding, or hydroseeding, is simply the method by which temporary or permanent seed is applied to the soil surface.

### Vehicle & Equipment Maintenance NS-10



**Objectives**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                | <input checked="" type="checkbox"/> |
| WM | Waste Management and Materials Pollution Control |                                     |

**Legend:**  
☒ Primary Objective  
☐ Secondary Objective

**Targeted Constituents**

|                          |                |
|--------------------------|----------------|
| <input type="checkbox"/> | Sediment       |
| <input type="checkbox"/> | Nutrients      |
| <input type="checkbox"/> | Trash          |
| <input type="checkbox"/> | Metals         |
| <input type="checkbox"/> | Bacteria       |
| <input type="checkbox"/> | Oil and Grease |
| <input type="checkbox"/> | Organics       |

**Potential Alternatives**

|                          |    |
|--------------------------|----|
| <input type="checkbox"/> | EC |
| <input type="checkbox"/> | SE |
| <input type="checkbox"/> | TC |
| <input type="checkbox"/> | WE |
| <input type="checkbox"/> | NS |
| <input type="checkbox"/> | WM |

**Description and Purpose**  
Prevent or reduce the contamination of stormwater resulting from vehicle and equipment maintenance by running a "dry and clean site". The best option would be to perform maintenance activities at an offsite facility. If this option is not available then work should be performed in designated areas only, while providing cover for materials stored outside, checking for leaks and spills, and containing and cleaning up spills immediately. Employees and subcontractors must be trained in proper procedures.

### Street Sweeping and Vacuuming SE-7



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 | <input checked="" type="checkbox"/> |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

**Legend:**  
☒ Primary Objective  
☒ Secondary Objective

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |
| <input type="checkbox"/>            | Organics       |

**Potential Alternatives**

|                          |    |
|--------------------------|----|
| <input type="checkbox"/> | EC |
| <input type="checkbox"/> | SE |
| <input type="checkbox"/> | TC |
| <input type="checkbox"/> | WE |
| <input type="checkbox"/> | NS |
| <input type="checkbox"/> | WM |

**Description and Purpose**  
Prevent or reduce the contamination of stormwater resulting from vehicle and equipment maintenance by running a "dry and clean site". The best option would be to perform maintenance activities at an offsite facility. If this option is not available then work should be performed in designated areas only, while providing cover for materials stored outside, checking for leaks and spills, and containing and cleaning up spills immediately. Employees and subcontractors must be trained in proper procedures.

### Entrance/Outlet Tire Wash TC-3



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 | <input checked="" type="checkbox"/> |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

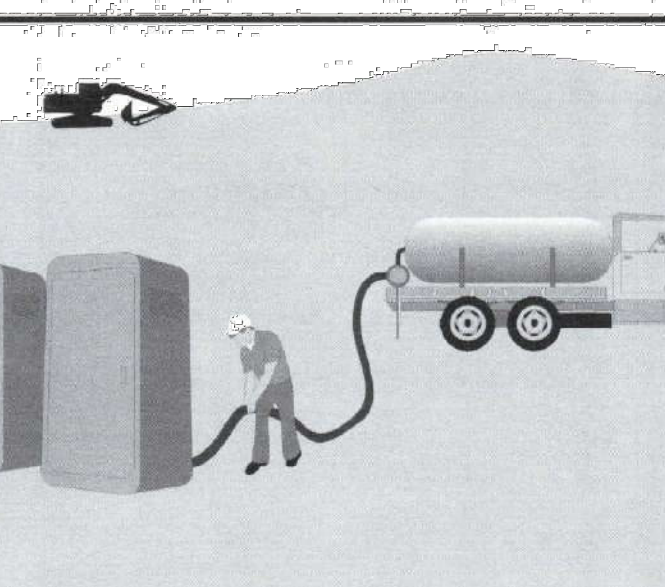
**Legend:**  
☒ Primary Objective  
☒ Secondary Objective

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |

**Description and Purpose**  
Prevent or reduce the contamination of stormwater resulting from vehicle and equipment maintenance by running a "dry and clean site". The best option would be to perform maintenance activities at an offsite facility. If this option is not available then work should be performed in designated areas only, while providing cover for materials stored outside, checking for leaks and spills, and containing and cleaning up spills immediately. Employees and subcontractors must be trained in proper procedures.

### Sanitary/Septic Waste Management WM-9



**Objectives**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control | <input checked="" type="checkbox"/> |

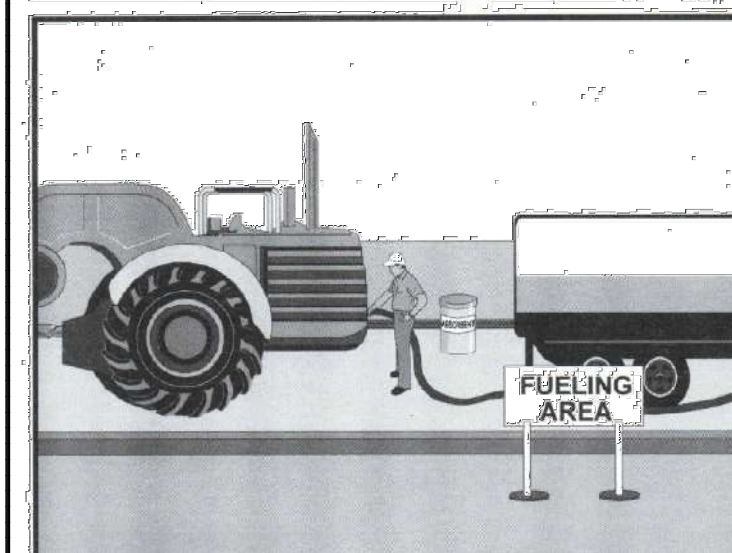
**Legend:**  
☒ Primary Objective  
☐ Secondary Objective

**Targeted Constituents**

|                                     |           |
|-------------------------------------|-----------|
| <input checked="" type="checkbox"/> | Sediment  |
| <input type="checkbox"/>            | Nutrients |
| <input type="checkbox"/>            | Trash     |
| <input type="checkbox"/>            | Metals    |
| <input type="checkbox"/>            | Bacteria  |

**Description and Purpose**  
Proper sanitary and septic waste management prevent the discharge of pollutants to stormwater from sanitary and septic waste by providing convenient, well-maintained facilities, and arranging for regular service and disposal.

### Vehicle and Equipment Fueling NS-9



**Objectives**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                | <input checked="" type="checkbox"/> |
| WM | Waste Management and Materials Pollution Control |                                     |

**Legend:**  
☒ Primary Objective  
☐ Secondary Objective

**Targeted Constituents**

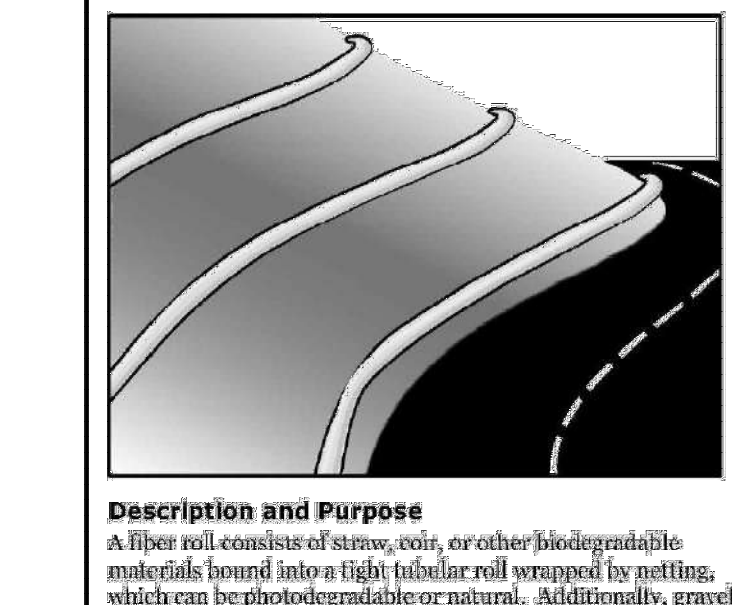
|                          |                |
|--------------------------|----------------|
| <input type="checkbox"/> | Sediment       |
| <input type="checkbox"/> | Nutrients      |
| <input type="checkbox"/> | Trash          |
| <input type="checkbox"/> | Metals         |
| <input type="checkbox"/> | Bacteria       |
| <input type="checkbox"/> | Oil and Grease |
| <input type="checkbox"/> | Organics       |

**Potential Alternatives**

|                          |    |
|--------------------------|----|
| <input type="checkbox"/> | EC |
| <input type="checkbox"/> | SE |
| <input type="checkbox"/> | TC |
| <input type="checkbox"/> | WE |
| <input type="checkbox"/> | NS |
| <input type="checkbox"/> | WM |

**Description and Purpose**  
Vehicle equipment fueling procedures and practices are designed to prevent fuel spills and leaks, and reduce or eliminate contamination of stormwater. This can be accomplished by using offsite facilities, fueling in designated areas only, enclosing or covering stored fuel, implementing spill controls, and training employees and subcontractors in proper fueling procedures.

### Fiber Rolls or Silt Fence SE-5



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  | <input checked="" type="checkbox"/> |
| SE | Sediment Control                                 | <input checked="" type="checkbox"/> |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

**Legend:**  
☐ Primary Category  
☒ Secondary Category

**Targeted Constituents**

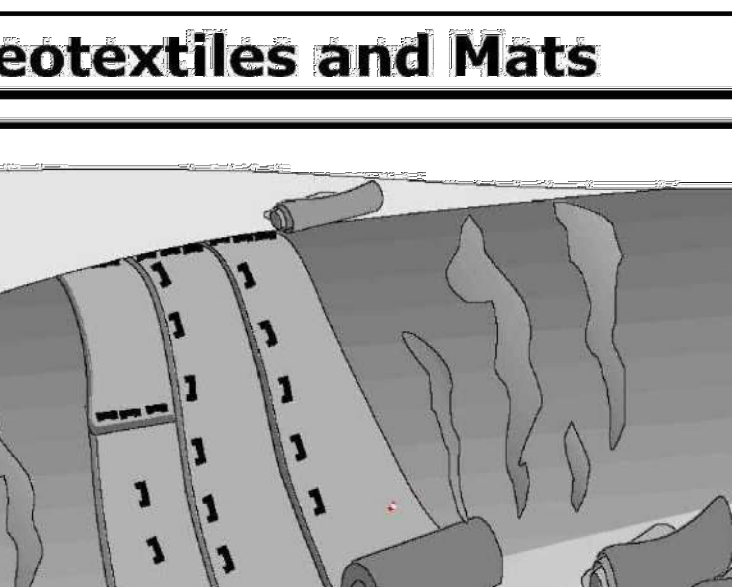
|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |
| <input type="checkbox"/>            | Organics       |

**Potential Alternatives**

|                          |    |
|--------------------------|----|
| <input type="checkbox"/> | EC |
| <input type="checkbox"/> | SE |
| <input type="checkbox"/> | TC |
| <input type="checkbox"/> | WE |
| <input type="checkbox"/> | NS |
| <input type="checkbox"/> | WM |

**Description and Purpose**  
A fiber roll consists of straw, coir, or other biodegradable materials bound into a tight tubular roll wrapped by netting, which can be biodegradable or natural. Additionally, gravel core fiber rolls are available, which contain an imbedded ballast material such as gravel or sand for additional weight when staking the rolls are not feasible (such as use as inlet protection). When fiber rolls are placed at the toe and on the face of slopes along the contours, they intercept runoff, reduce its flow velocity, release the runoff as sheet flow, and provide removal of sediment from the runoff (through sediment catch). By interrupting the length of a slope, fiber rolls can also reduce sheet and rill erosion until vegetation is established.

### Geotextiles and Mats EC-7



**Categories**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  | <input checked="" type="checkbox"/> |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             | <input checked="" type="checkbox"/> |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control |                                     |

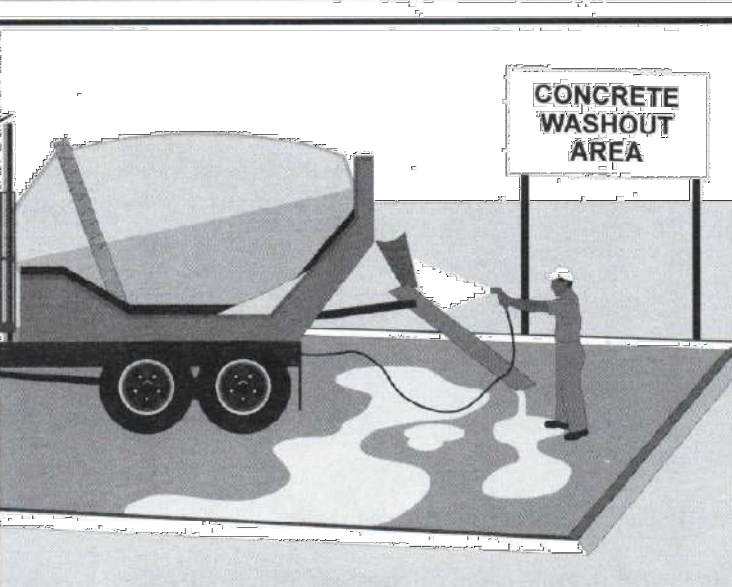
**Legend:**  
☒ Primary Category  
☒ Secondary Category

**Targeted Constituents**

|                                     |                |
|-------------------------------------|----------------|
| <input checked="" type="checkbox"/> | Sediment       |
| <input type="checkbox"/>            | Nutrients      |
| <input type="checkbox"/>            | Trash          |
| <input type="checkbox"/>            | Metals         |
| <input type="checkbox"/>            | Bacteria       |
| <input type="checkbox"/>            | Oil and Grease |

**Description and Purpose**  
Prevent or reduce the contamination of stormwater resulting from vehicle and equipment maintenance by running a "dry and clean site". The best option would be to perform maintenance activities at an offsite facility. If this option is not available then work should be performed in designated areas only, while providing cover for materials stored outside, checking for leaks and spills, and containing and cleaning up spills immediately. Employees and subcontractors must be trained in proper procedures.

### Concrete Waste Management WM-8



**Objectives**

|    |                                                  |                                     |
|----|--------------------------------------------------|-------------------------------------|
| EC | Erosion Control                                  |                                     |
| SE | Sediment Control                                 |                                     |
| TC | Tracking Control                                 |                                     |
| WE | Wind Erosion Control                             |                                     |
| NS | Non-Stormwater Management Control                |                                     |
| WM | Waste Management and Materials Pollution Control | <input checked="" type="checkbox"/> |

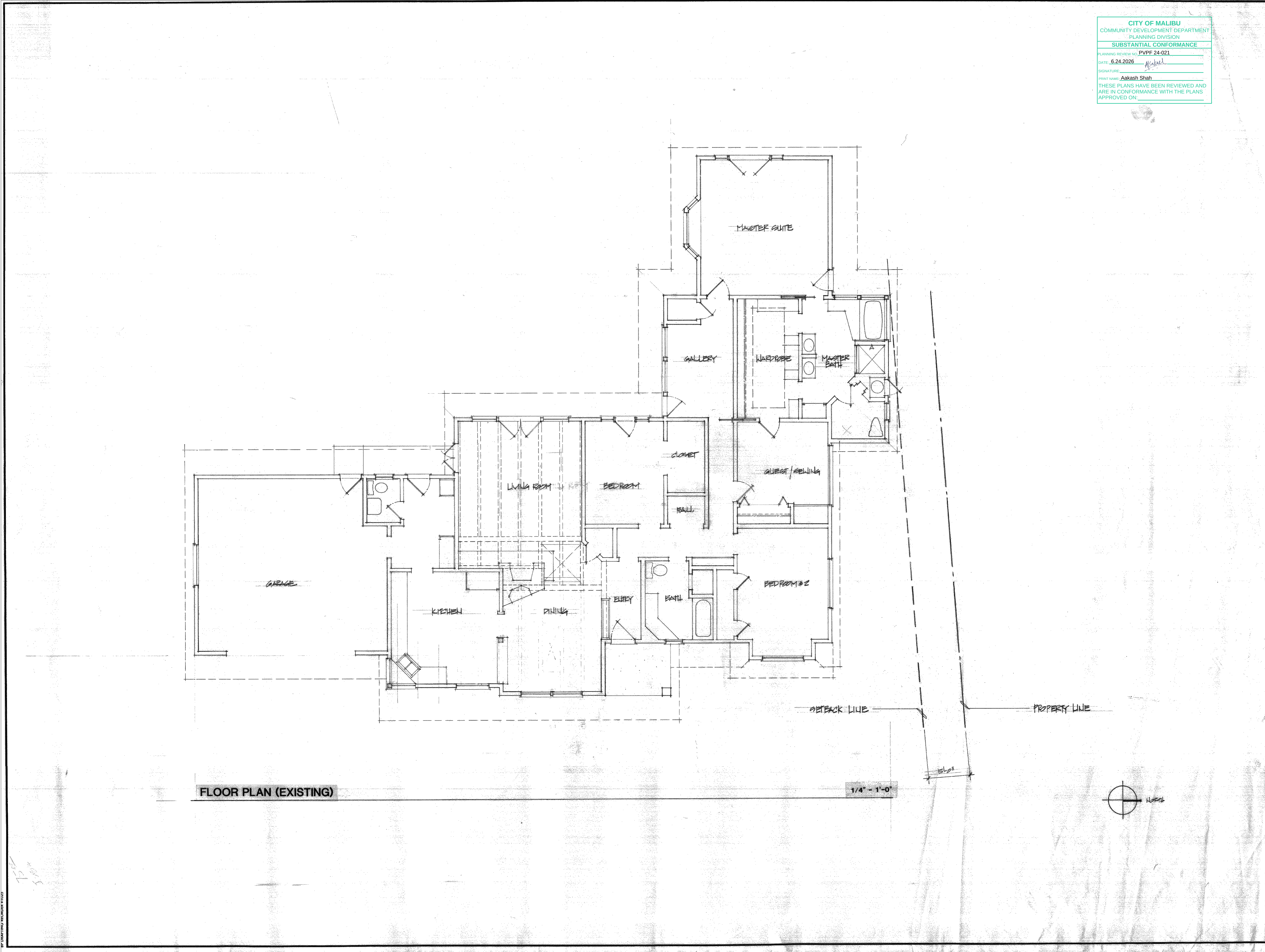
**Legend:**  
☒ Primary Objective  
☐ Secondary Objective

**Targeted Constituents**

|                                     |           |
|-------------------------------------|-----------|
| <input checked="" type="checkbox"/> | Sediment  |
| <input type="checkbox"/>            | Nutrients |
| <input type="checkbox"/>            | Trash     |
| <input type="checkbox"/>            | Metals    |
| <input type="checkbox"/>            | Bacteria  |

**Description and Purpose**  
Prevent or reduce the discharge of pollutants to stormwater from concrete waste by conducting washout offsite, performing onsite washout in a designated area, and training employee and subcontractors.





CITY OF MALIBU  
COMMUNITY DEVELOPMENT DEPARTMENT  
PLANNING DIVISION  
SUBSTANTIAL CONFORMANCE  
PLANNING REVIEW NO. PVPF 24-021  
DATE: 6/24/2026  
SIGNATURE: *[Signature]*  
PRINT NAME: Akash Shah  
THESE PLANS HAVE BEEN REVIEWED AND  
ARE IN CONFORMANCE WITH THE PLANS  
APPROVED ON:

| REVISIONS                                             |      | BY  |
|-------------------------------------------------------|------|-----|
| 1                                                     | 25   | 202 |
| AN ADDITION & REMODEL FOR: MR. & MRS. VINCENT MUSELLI |      |     |
| 5911 BONSALE DRIVE                                    |      |     |
| MALIBU, CALIF. 90265                                  |      |     |
| BARSOCCHINI and ASSOCIATES                            |      |     |
| MICHAEL E. BARSOCCHINI, A.I.A.                        |      |     |
| ARCHITECTURE                                          |      |     |
| 3502 COAST VIEW DRIVE                                 |      |     |
| MALIBU, CALIF. 90265                                  |      |     |
| (213) 456-3625                                        |      |     |
| DATE                                                  | 1/4  |     |
| SCALE                                                 | 1/4  |     |
| DRAWN BY                                              | 1/4  |     |
| JOB NO.                                               | 1312 |     |
| SHEET                                                 | 2    |     |
| OF                                                    | 5    |     |
| SHEETS                                                |      |     |



**LAURA HANSON**  
design

529 Dorset St.  
Cambria, CA 93428  
laura@laurahansondesign.com  
310.968.9471

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|          |             |
|----------|-------------|
| FILE     | Cover Sheet |
| DRAWN    |             |
| REVIEWED |             |
| CAD      | A. Esposito |

| ISSUE         | DATE    | BY   |
|---------------|---------|------|
| 1 Planning    | 1/29/25 | A.e. |
| 2 corrections |         |      |
| 2 Planning    | 5/19/25 | A.e. |
| 3 corrections |         |      |
| 4             |         |      |
| 5             |         |      |
| 6             |         |      |
| 7             |         |      |
| 8             |         |      |
| 9             |         |      |
| 10            |         |      |

Fire Rebuild

5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

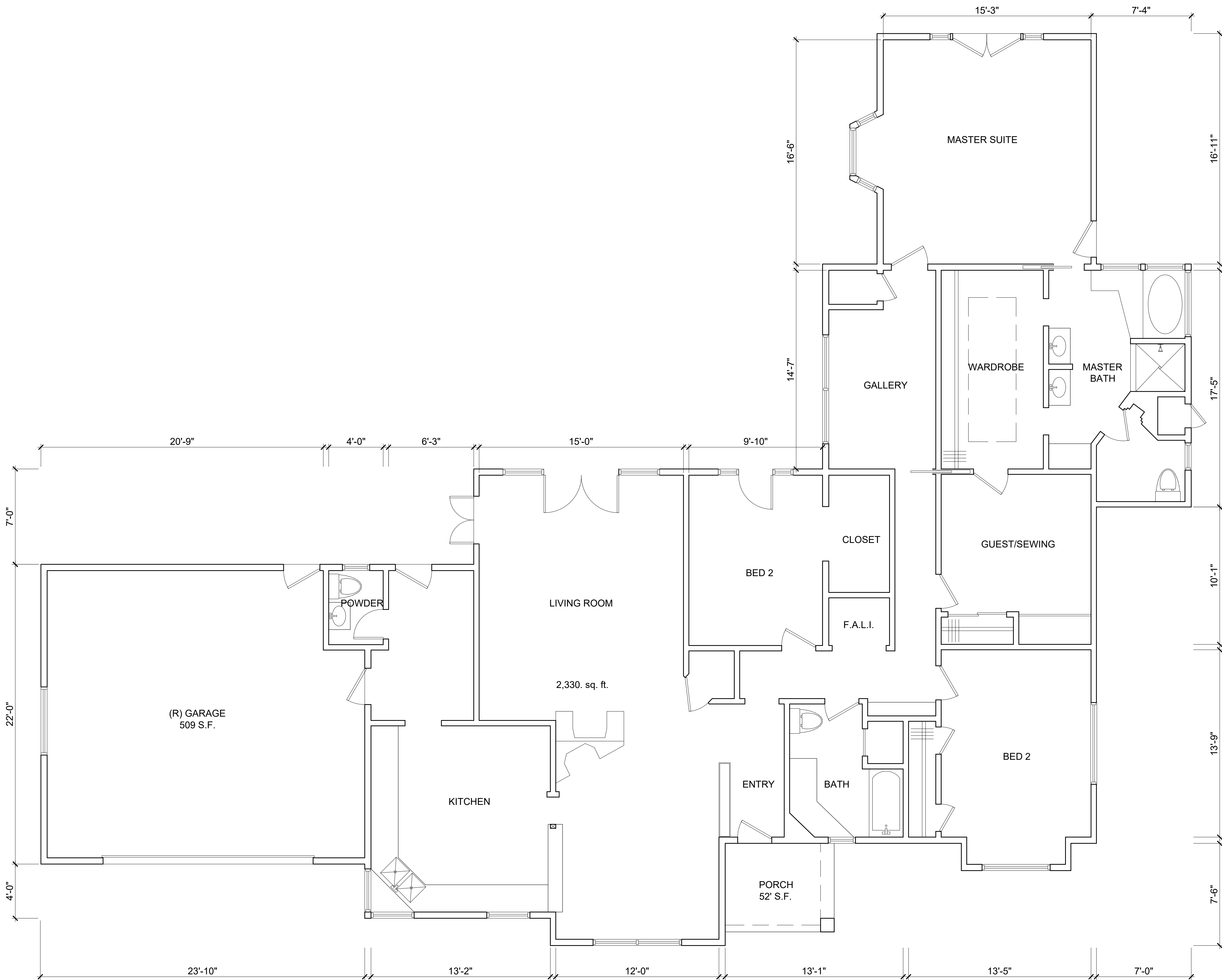
|         |            |
|---------|------------|
| SCALE   | NONE       |
| PRINTED | 05/19/2026 |
| TITLE   |            |

**PRE-FIRE FLOOR  
PLAN (HAND DRAWN)**

SHEET

**A-2.00**





AS BUILT FLOOR PLAN (CAD DRAWN)  
SCALE: 1/4" = 1'-0"

CITY OF MALIBU  
COMMUNITY DEVELOPMENT DEPARTMENT  
PLANNING DIVISION

SUBSTANTIAL CONFORMANCE

PLANNING REVIEW NO. PVPF 24-021

DATE: 6.24.2026

SIGNATURE: [Signature]

PRINT NAME: Aakash Shah

THESE PLANS HAVE BEEN REVIEWED AND  
ARE IN CONFORMANCE WITH THE PLANS  
APPROVED ON:



529 Dorset St.  
Cambria, CA 93428  
laura@laurahansondesign.com  
310.968.9471

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WRITTEN CONSENT OF  
LAURA M. HANSON DESIGNER.

|          |             |
|----------|-------------|
| FILE     | Cover Sheet |
| DRAWN    |             |
| REVIEWED |             |
| CAD      | A. Esposito |

| ISSUE       | DATE    | BY   |
|-------------|---------|------|
| 1. Planning | 1/29/25 | A.e. |
| corrections |         |      |
| 2. Planning | 5/19/25 | A.e. |
| corrections |         |      |

Fire Rebuild

5911 Bonsall Dr.  
Malibu, CA 90265

APN:  
4467-024-005

SCALE: 1/4" = 1'-0"  
PRINTED: 05/19/2026  
TITLE:

AS BUILT FLOOR  
PLAN (CAD DRAWN)

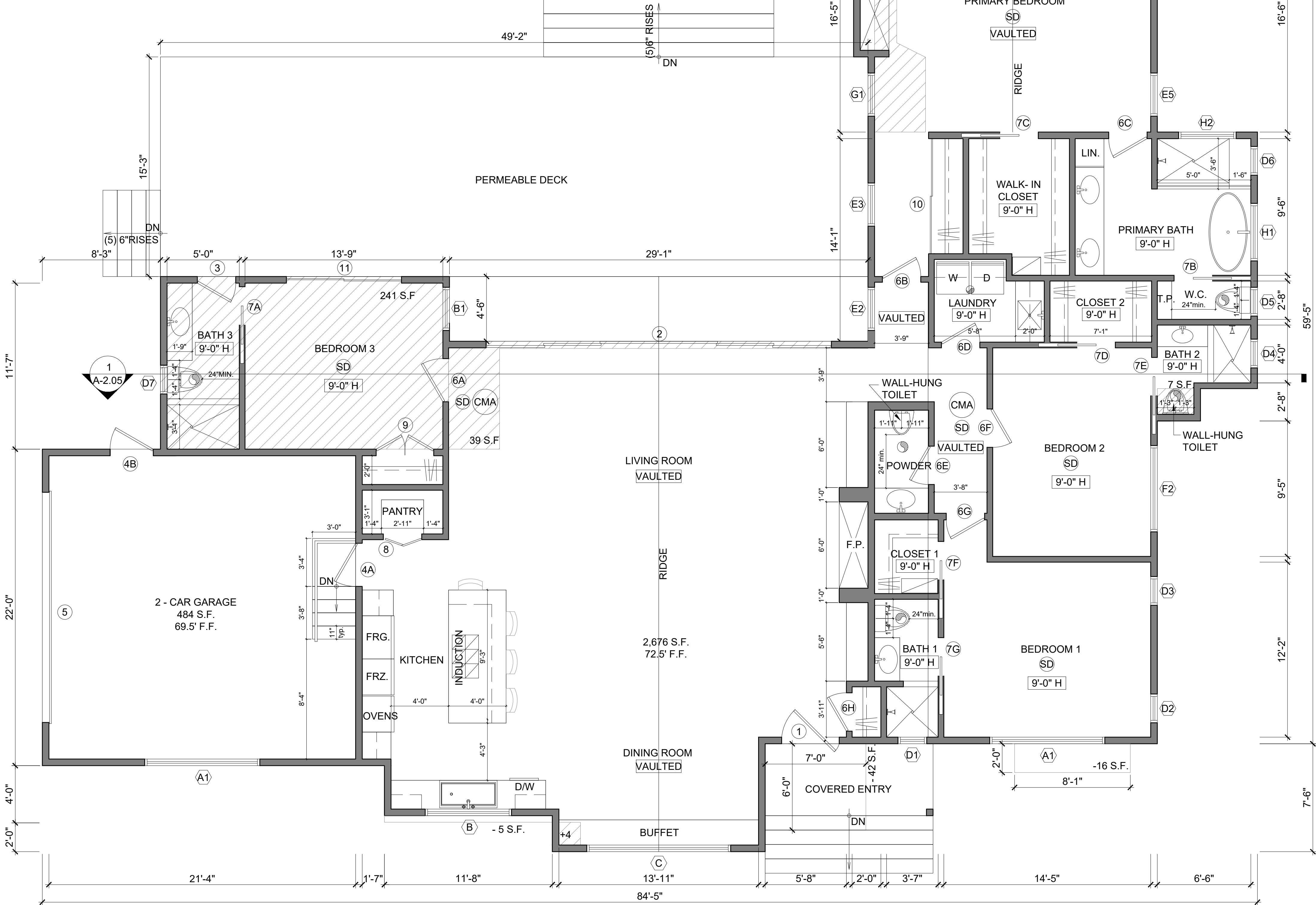
SHEET

A-2.01



WINDOW & DOOR SCHEDULE

| Window Schedule All windows tempered & dual glazed |       |                  |                 |                  |                                  | Door Schedule All glass doors tempered & dual glazed All exterior doors to be solid core |       |                  |                 |                  |                                                    |
|----------------------------------------------------|-------|------------------|-----------------|------------------|----------------------------------|------------------------------------------------------------------------------------------|-------|------------------|-----------------|------------------|----------------------------------------------------|
| No.                                                | Quan. | Type             | Size(WxH)       | Location         | Notes                            | No.                                                                                      | Quan. | Type             | Size(WxH)       | Location         | Notes                                              |
| A1                                                 | 1     | Sliding          | 96" x 54"       | Garage           | Egress                           | 1                                                                                        | 1     | Pivot Front Door | 5'-0" x 10'-0"  | Entry            |                                                    |
| A2                                                 | 1     | Sliding          | 96" x 54"       | Bedroom 1        |                                  | 2                                                                                        | 1     | Sliding Doors    | 24'-0" x 10'-0" | Living Room      | (6) 4'-0" panels                                   |
| B                                                  | 1     | Sliding          | 72" x 78"       | Kitchen          |                                  | 3                                                                                        | 1     | Terrace Door     | 2'-8" x 8'-0"   | Bathroom 3       | Frosted with deadbolt                              |
| C                                                  | 1     | Sliding          | 120" x 78"      | Dining Room      |                                  | 4A                                                                                       | 1     | Solid Core       | 3'-0" x 8'-0"   | Garage           | with deadbolt                                      |
| D1                                                 | 1     | Awning           | 24" x 36"       | Bathroom 1       |                                  | 4B                                                                                       | 1     | Solid Core       | 3'-0" x 8'-0"   | Garage           | 20 min rated with self closing & latching hardware |
| D2                                                 | 1     | Awning           | 24" x 36"       | Bedroom 1        |                                  | 5                                                                                        | 1     | Overhead Door    | 16'-0" x 8'-0"  | Garage           | wood to match siding                               |
| D3                                                 | 1     | Awning           | 24" x 36"       | Bedroom 1        |                                  | 6A                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Bedroom 3        | with Privacy                                       |
| D4                                                 | 1     | Awning           | 24" x 36"       | Bathroom 2       |                                  | 6B                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Primary Bedroom  | with Privacy                                       |
| D5                                                 | 1     | Awning           | 24" x 36"       | W.C.             |                                  | 6C                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Primary Bathroom | with Privacy                                       |
| D6                                                 | 1     | Awning           | 24" x 36"       | Primary Bathroom |                                  | 6D                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Laundry          |                                                    |
| D7                                                 | 1     | Awning           | 24" x 36"       | Bathroom 3       |                                  | 6E                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Powder Room      | with Privacy                                       |
| E1                                                 | 1     | Awning           | 36" x 48"       | Bedroom 3        |                                  | 6F                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Bedroom 2        | with Privacy                                       |
| E2                                                 | 1     | Awning           | 36" x 48"       | Hallway          |                                  | 6G                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Bedroom 1        | with Privacy                                       |
| E3                                                 | 1     | Awning           | 36" x 48"       | Primary Bedroom  |                                  | 6H                                                                                       | 1     | Solid Core       | 2'-8" x 8'-0"   | Entry Closet     | Outswing                                           |
| E4                                                 | 1     | Awning           | 36" x 48"       | Primary Bedroom  |                                  | 7A                                                                                       | 1     | Pocket Door      | 2'-8" x 8'-0"   | Bathroom 3       | with Privacy                                       |
| E5                                                 | 1     | Awning           | 36" x 48"       | Primary Bedroom  |                                  | 7B                                                                                       | 1     | Pocket Door      | 2'-8" x 8'-0"   | W.C.             | with Privacy                                       |
| F                                                  | 1     | Sliding          | 72" x 60"       | Bedroom 1        | Egress                           | 7C                                                                                       | 1     | Pocket Door      | 2'-8" x 8'-0"   | Walk-In Closet   |                                                    |
| G1                                                 | 1     | Casement         | 36" x 84"       | Primary Bedroom  |                                  | 7C                                                                                       | 1     | Pocket Door      | 2'-8" x 8'-0"   | Closet 2         |                                                    |
| G2                                                 | 1     | Casement         | 36" x 84"       | Primary Bedroom  |                                  | 7E                                                                                       | 1     | Pocket Door      | 2'-8" x 8'-0"   | Bathroom 2       | with Privacy                                       |
| H1                                                 | 1     | Fixed            | 48" x 60"       | Primary Bathroom |                                  | 7F                                                                                       | 1     | Pocket Door      | 2'-8" x 8'-0"   | Closet 1         |                                                    |
| H2                                                 | 1     | Fixed            | 48" x 60"       | Primary Bathroom |                                  | 7G                                                                                       | 1     | Pocket Door      | 2'-8" x 8'-0"   | Bathroom 1       | with Privacy                                       |
| I1                                                 | 1     | Fixed Transom    | 60" x 30" x 48" | Dining Room      | Triangulated to match roof slope | 8                                                                                        | 1     | Bi-Fold Door     | 2'-8" x 8'-0"   | Pantry           |                                                    |
| I2                                                 | 1     | Fixed Transom    | 60" x 30" x 48" | Dining Room      | Mirror or I1                     | 9                                                                                        | 1     | Out-swing Doors  | 4'-0" x 8'-0"   | Bedroom 3        |                                                    |
| J1                                                 | 1     | Fixed Transom    | 92" x 17" x 48" | Living Room      | Triangulated to match roof slope | 10                                                                                       | 1     | Bi-Pass Doors    | 8'-0" x 8'-0"   | Primary Bedroom  |                                                    |
| J2                                                 | 1     | Fixed Transom    | 92" x 17" x 48" | Living Room      | Mirror of J1                     | 11                                                                                       | 1     | Sliding Door     | 8'-0" x 8'-0"   | Bedroom 3        | Egress                                             |
| K1                                                 | 1     | Fixed Clerestory | 42" x 24"       | Laundry          |                                  | 12                                                                                       | 1     | Sliding Door     | 12'-0" x 8'-0"  | Primary Bedroom  | (3) 4'-0" Panels, Egress                           |
| K2                                                 | 1     | Fixed Clerestory | 42" x 24"       | Hallway          |                                  |                                                                                          |       |                  |                 |                  |                                                    |
| K3                                                 | 1     | Fixed Clerestory | 42" x 24"       | Hallway          |                                  |                                                                                          |       |                  |                 |                  |                                                    |



CITY OF MALIBU  
COMMUNITY DEVELOPMENT DEPARTMENT  
PLANNING DIVISION  
SUBSTANTIAL CONFORMANCE  
PLANNING REVIEW NO. PVPF 24-021  
DATE: 6.24.2026  
SIGNATURE: *Aakash Shah*  
PRINT NAME: Aakash Shah  
THESE PLANS HAVE BEEN REVIEWED AND  
ARE IN CONFORMANCE WITH THE PLANS  
APPROVED ON:



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Cambria, CA 93428  
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1 Planning 1/29/25 A.e.  
corrections  
2 Planning 5/19/25 A.e.  
corrections

Fire Rebuild

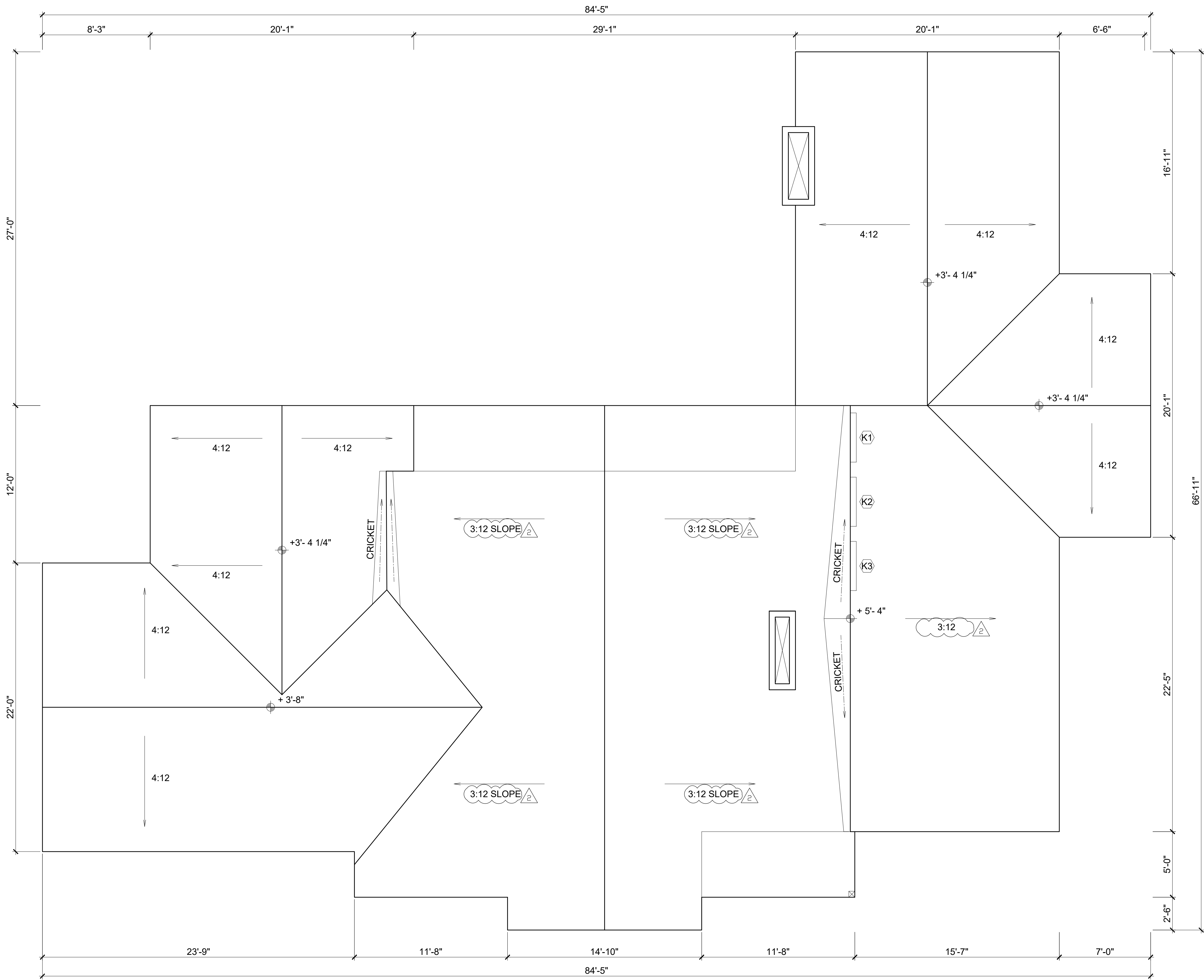
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APN:  
4467-024-005

SCALE \_\_\_\_\_ 1/4" = 1'-0"  
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TITLE  
FLOOR PLAN  
& WINDOW &  
DOOR SCHEDULE  
SHEET

A-2.02





N ROOF PLAN  
SCALE: 1/4" = 1'-0"

CITY OF MALIBU  
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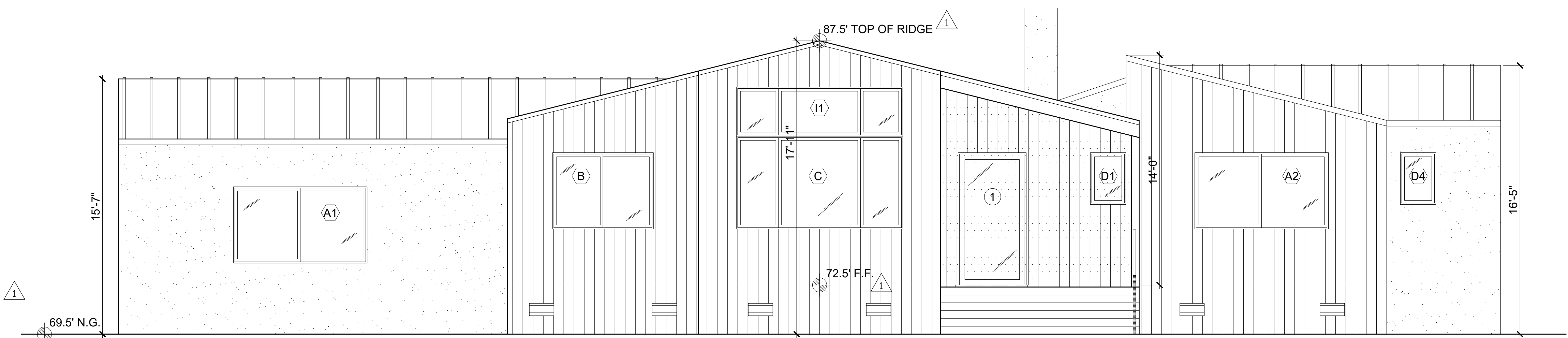
ROOF PLAN

SHEET

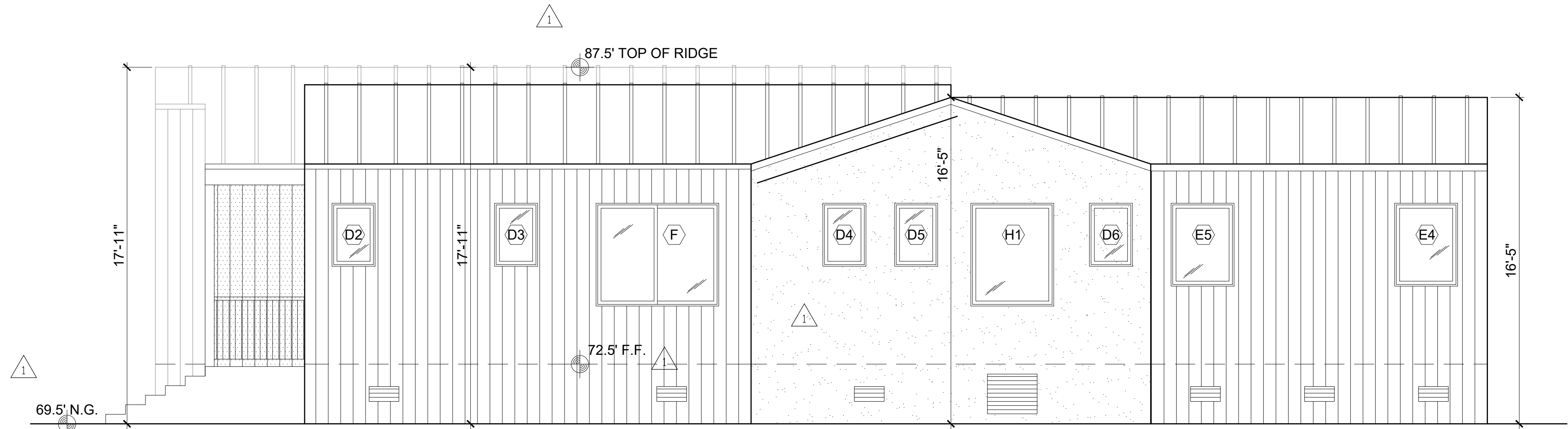
A-2.03



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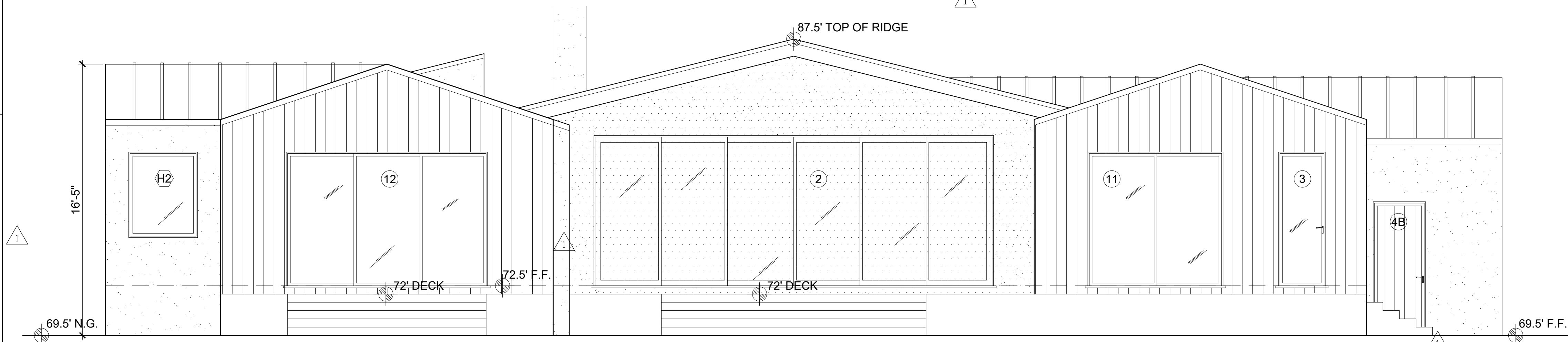


**EAST ELEVATION**  
SCALE: 1/4" = 1'-0"

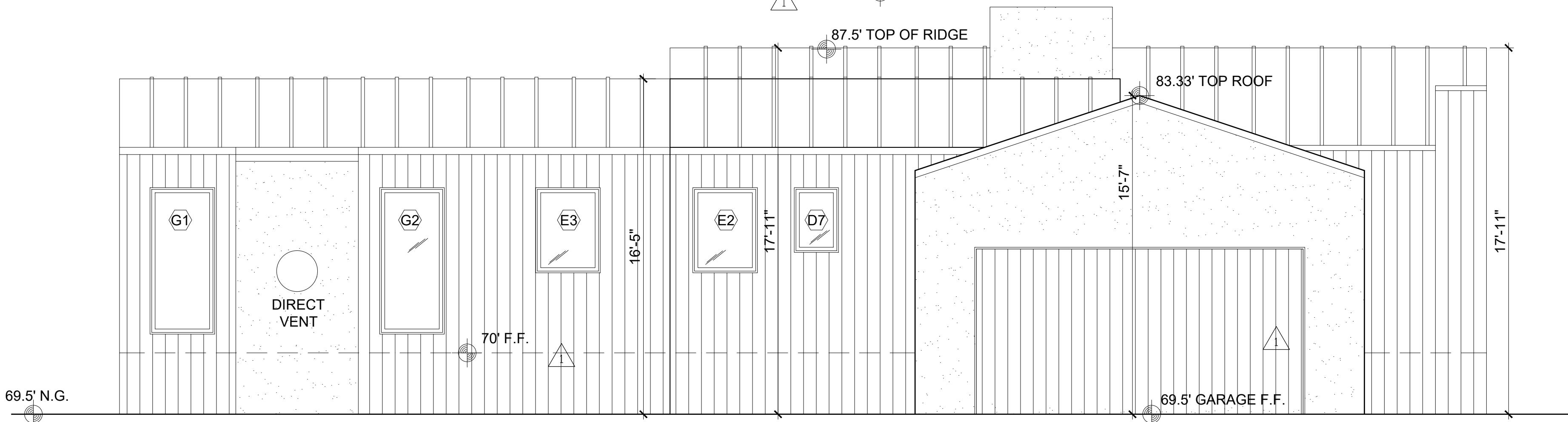


**NORTH ELEVATION**  
SCALE: 1/4" = 1'-0"

FLOOR VENTS CALCULATION  
2,680 S.F. / 150 = 17.86 S.F.



**WEST ELEVATION**  
SCALE: 1/4" = 1'-0"



**SOUTH ELEVATION**  
SCALE: 1/4" = 1'-0"

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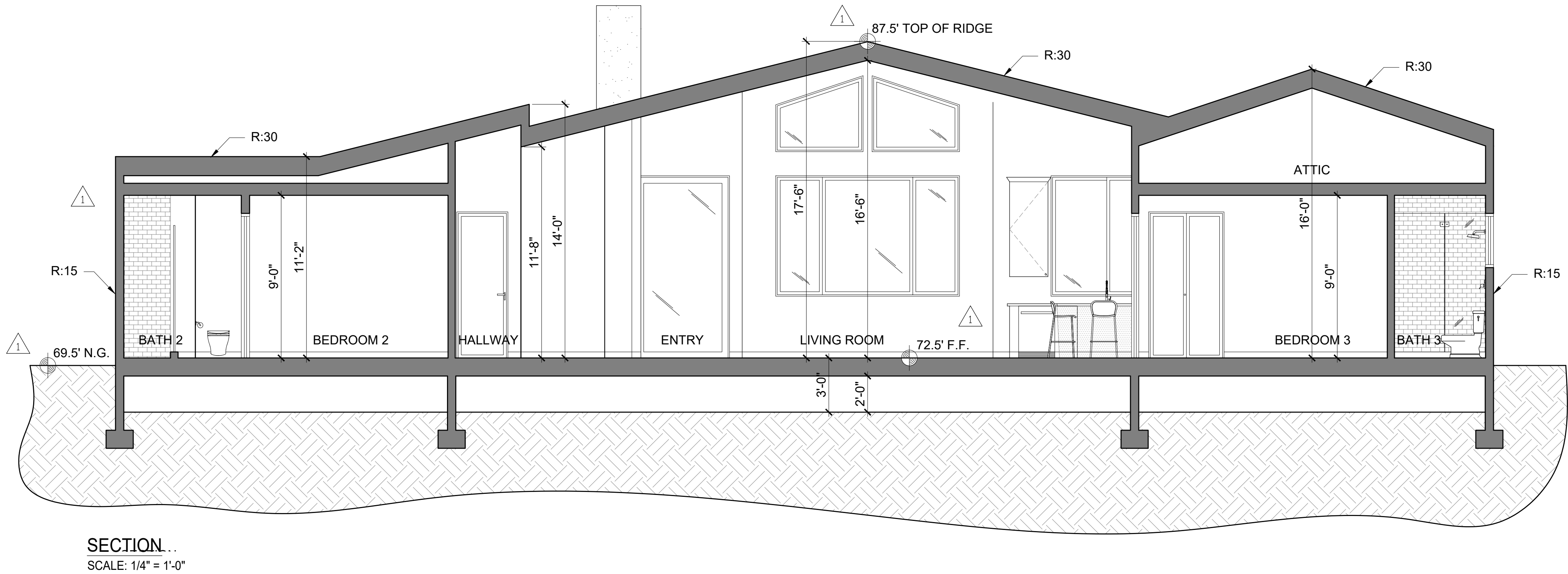
**ELEVATIONS**  
SHEET

**A-2.04**





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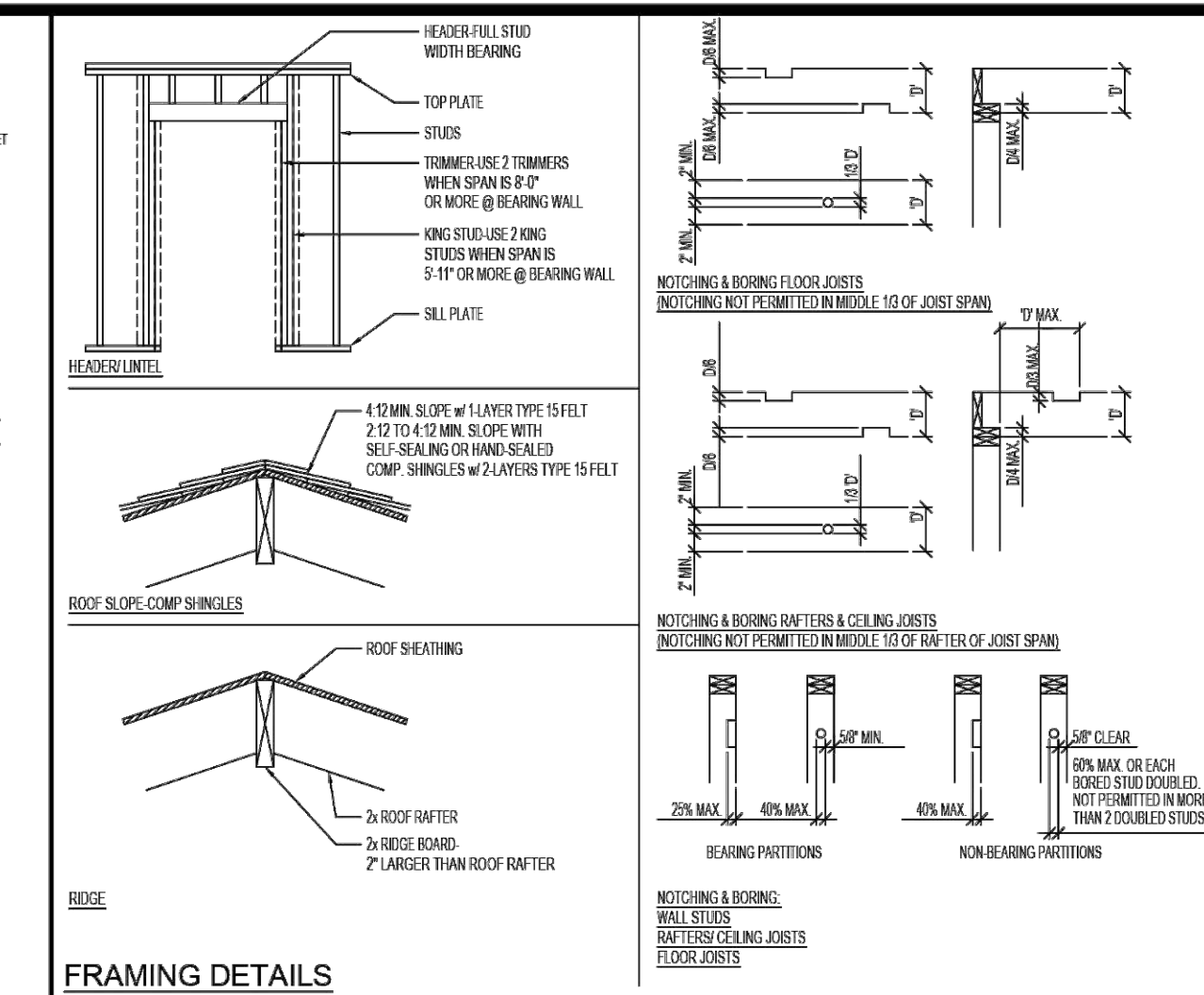
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SECTION

SHEET

A-2.05





**WATERWEAVERS** **NEW!**

THE FOLLOWING WINDOW SIZES WILL BE THE MINIMUM ALLOWED FOR EGRESS UNLESS MAJOR DATA IS SUPPLIED

STANDARD 8" HEADER HEIGHT

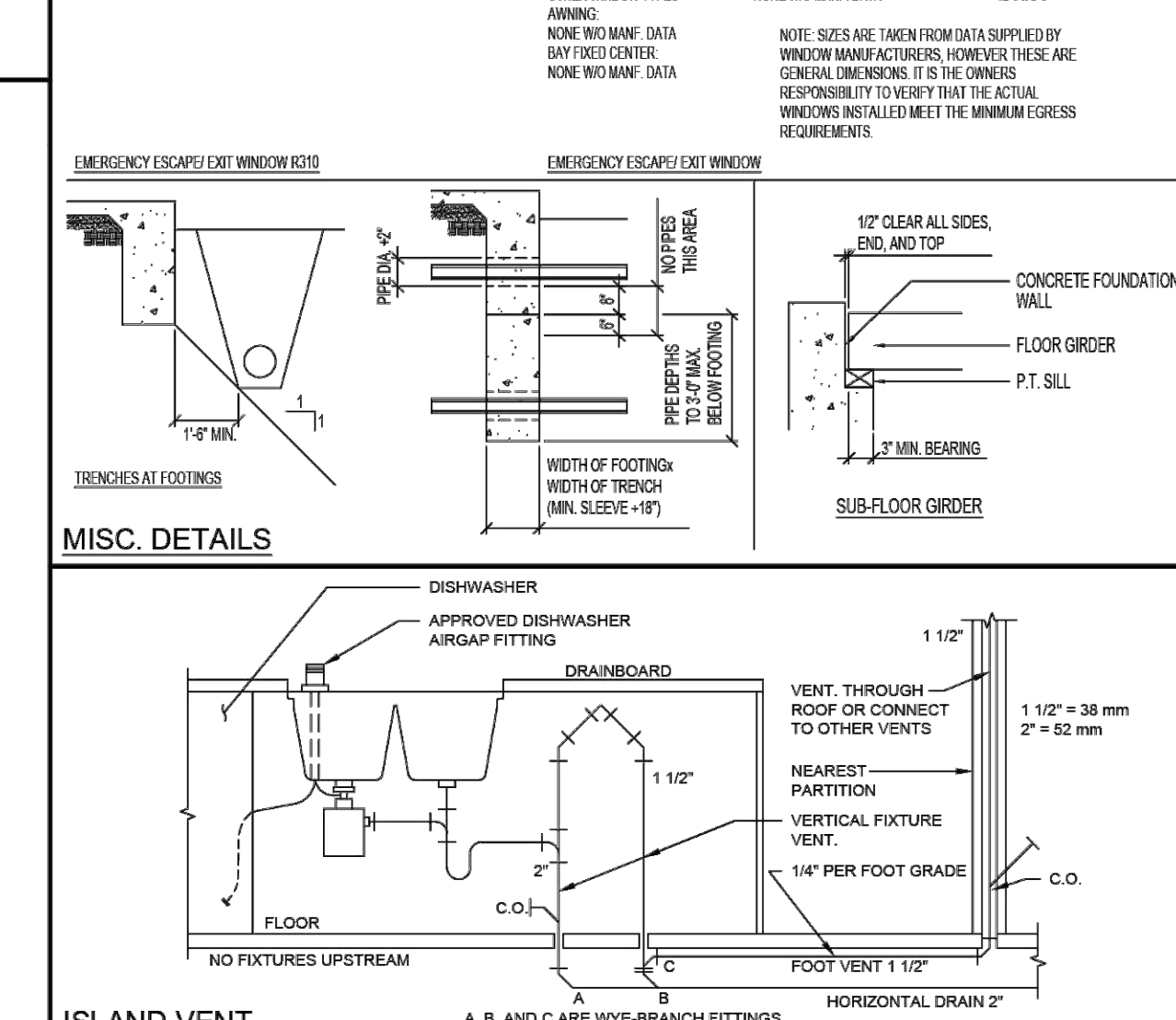
STANDARD 8" HEADER HEIGHT

**MIN. SIZE WINDOW FOR 20" CLEAR WIDTH** **MIN. SIZE WINDOW FOR 24" CLEAR HEIGHT**

**FLOOR LEVEL**

|                            | SINGLE CASEMENT:      | SINGLE/DOUBLE HUNG:  | SLIDER:             |
|----------------------------|-----------------------|----------------------|---------------------|
| 1/2" MIN. CLEAR WIDTH:     | 24 x 40               | 36 x 50              | 40 x 48             |
| 2/2" MIN. CLEAR HEIGHT:    | 26 x 36               | 30 x 50              | 50 x 36             |
| 3/5/7" MIN. OPERABLE AREA* | DOUBLE CASEMENT:      | 34 x 50              | 50 x 30             |
|                            | 40 x 40               | 34 x 50              | SLIDER/FIBER COMBO: |
|                            | CASEMENT/FIBER COMBO: | 40 x 50              | 80 x 40             |
|                            | 70 x 40               | SINGLE/FIBER COMBO:  | 100 x 40            |
|                            | OTHER WINDOW TYPES:   | NONE OR NO NAME LIST | 25 x 35             |

\*GRADE FLOOR EGRESS OPENING MAY BE REDUCED TO 20" NET CLEAR OPENING R3014 EDC.



| ISLAND VENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | REAR WALL VENT                                                                                                                                                                                                                                                                                                                                                                                                | WEATHER PROTECTION |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <p>D STRUCTURAL PANELS, PARTICLE-BOARD, STRUCTURAL LUMBER, END-JOINTED LUMBER, FIBERBOARD SHEATHING, G PILES AND POLES SHALL BE IDENTIFIED BY THE GRADE MARK OR A INSPECTION ISSUED BY AN APPROVED AGENCY. [§602 LACRC]</p> <p>I PANEL ROOF SHEATHING SHALL BE BONDED BY INTERMEDIATE SHEATHING IS EXPOSED ON THE UNDERSIDE, IN WHICH CASE IT WITH EXTERIOR GLUE.</p> <p>J ORING FOR DWV PLUMBING IN 2x4 FRAMED WALLS. USE 2x6 OR</p> <p>K ALL BE PROVIDED IN CONCEALED SPACES OF STUD WALLS AND FOOT INTERVALS HORIZONTALLY AND VERTICALLY AT CEILING AND</p> <p>L TTIC ACCESS IN HALLWAY. ACCESS MUST BE 30"x30" IF NECESSARY TO CLOAC EQUIPMENT. ACCESS MUST BE LARGER THAN THE LARGEST COMPONENT. [§304.4 LACMC]</p> <p>M AFTERS, AND CEILING JOISTS SHALL BE SUPPORTED Laterally AT ERG BY SOLID BLOCKING TO PREVENT LATERAL DISPLACEMENT AND REDUCED DESIGN FOR TRUSSES TO BE ON SITE. BRACING PER REQUIREMENTS.</p> <p>N NE CLIPS AT EVERY TRUSS OR RAFTER OR PER MANUFACTURER'S</p> <p>O TS SHALL BE SUPPORTED BY BEARING WALLS.</p> <p>P TIES WHERE CEILING JOISTS AND RAFTERS ARE NOT PARALLEL.</p> <p>Q REQUIRED VENT AREA IS LOCATED AT MOST 3 FEET BELOW THE THE SPACE W/ BALANCE AT THE EAVES, THEN THE AREA MAY BE TH OF THE CEILING AREA. [§806.2 LACRC]</p> <p>R NG, OR BORING SHALL NOT EXCEED 25% OF THE STRUCTURAL SPECIFIED IN (SEE FRAMING DETAILS - THIS SHEET)</p> <p>S REEDS SHALL BE MINIMUM 4" ABOVE SOIL OR 2" ABOVE PAVED [ACPC]</p> <p>T AND SPACING OF WOOD STUDS SHALL NOT EXCEED TABLE R602.3(f) BY AN ANALYSIS.</p> | <ol style="list-style-type: none"><li>1. ALL WEATHER EXPOSURE APPROVED WEATHER THE SIDING, OR BE OF PANELS. TWO LAYERS PANELS. [§703.2 LACRC]</li><li>2. BALCONIES, LANDING SIMILAR SURFACES HAVE SEALED UNDERNEATH WITH APPROVED MAT OF 1/4" PER FOOT FOR</li><li>3. PROVIDE MINIMUM NON CORROSION-RESISTANT FLASHING, WHICH SHALL FROM THE CENTERLINE FLASHING SHALL HAVE THAN 4". [§900.3 LACRC]</li></ol> |                    |

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## M.E.P. PLAN

SHEET

**E-1.00**

