

Attachment B

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**ATTACHMENT B
DRAFT RESOLUTION**

**Before the Board of Supervisors in and for the
County of Monterey, State of California**

In the matter of the application of:

RAVEN (PLN150755)

RESOLUTION NO. 18 -

Resolution by the Monterey County Board of Supervisors to:

- 1) Deny the appeal of Ted Muhs and Elizabeth McGinnis, Glen and Angela Charles, Richard and Kathleen Doerr, Charles and Helen Schwab and Sally Lucas from the April 26, 2018 decision of the Zoning Administrator approving the application (RMA Planning File No. PLN150755/Raven) for a Combined Development Permit consisting of a 1) Coastal Administrative Permit and Design Approval to allow the construction of a single family dwelling consisting of 2,306 square foot two story, 1,690 square foot basement and a 298 square foot garage; 2) Coastal Development Permit to allow development within 750 feet of an archaeological resource; 3) Variance to exceed lot coverage by 3.9% (totaling 18.9%); and 4) Variance to exceed floor area ratio (FAR) by 5.3% (totaling 22.8%);
- 2) Adopt a Negative Declaration; and
- 3) Approve a Combined Development Permit consisting of a
 - a. 1) Coastal Administrative Permit and Design Approval to allow the construction of a single family dwelling consisting of 2,306 square foot two story, 1,690 square foot basement and a 298 square foot garage;
 - b. 2) Coastal Development Permit to allow development within 750 feet of an archaeological resource; and
 - c. 3) Variance to exceed lot coverage by 3.9% (totaling 18.9%); and
 - d. 4) Variance to exceed floor area ratio FAR by 5.3% (totaling 22.8%).

3213 Whitman Lane, Pebble Beach, Del Monte Forest Land Use Plan, Coastal Zone (APN: 008-401-010-000)

The Appeal of Ted Muhs and Elizabeth McGinnis, Glen and Angela Charles, Richard and Kathleen Doerr, Charles and Helen Schwab and Sally Lucas from the Zoning Administrator’s adoption of a Negative Declaration and approval of a Combined Development Permit (Raven application - PLN150755) came on for a public hearing before the Monterey County Board of Supervisors on July 10, 2018. Having considered all the written and documentary evidence, the administrative record, the staff report, oral testimony, and other evidence presented, the Board of Supervisors finds and decides as follows:

FINDINGS

1. **FINDING:** **PROCESS** – The County has processed the subject Combined Development Permit application (RMA-Planning File No. PLN150755/Raven) (“project”) in compliance with all applicable procedural requirements.
- EVIDENCE:** a) On June 16, 2017, pursuant to Monterey County Code (MCC) Sections 20.14, 20.44, 20.78, and 20.82, Scott and Charlyse Raven (Applicant) filed an application for a discretionary permit for a Combined Development Permit for a single family dwelling with an attached garage. The Project consists of a Combined Development Permit consisting of a 1) Coastal Administrative Permit and Design Approval to allow the construction of a single family dwelling consisting of 2,306 square foot two story, 1,690 square foot basement and a 298 square foot attached garage; 2) Coastal Development Permit to allow development within 750 feet of an archaeological resource; 3) Variance to exceed lot coverage by 3.9% (totaling 18.9%); and 4) Variance to exceed floor area ratio (FAR) by 5.3% (totaling 22.8%). The property is located at 3213 Whitman Lane, Pebble Beach (Assessor's Parcel Number 008-401-010-000), Del Monte Forest Land Use Plan, Coastal Zone.
- b) The project was referred to the Del Monte Forest Land Use Advisory Committee (LUAC) for review on April 7, 2016, August 17, 2017 and September 21, 2017, in which a site visit occurred on September 21, 2017. At the September meeting, the Del Monte Forest LUAC recommended approval of the project (4-2 vote) as it was a reduction of the previous project. Attorney representing the neighbors attended the LUAC meetings, voicing concerns about size and visibility of the project, the noise potential from the roof deck and impacts to the adjacent estuarine. Staff stated an Initial Study would be prepared to identify impacts, if any, to the adjacent creek. The LUAC agreed. The Initial Study fully addresses the potential environmental issues raised by the neighbors.
- c) The Monterey County Zoning Administrator held a duly-noticed public hearing on the Raven application on April 26, 2018. Notices for the Zoning Administrator public hearing were published in the Monterey County Weekly on April 12, 2018; posted at and near the project site on April 13, 2018; and mailed to vicinity property owners and interested parties on April 11, 2018.
- d) On April 26, 2018, after review of the application and submitted documents, and a duly-noticed public hearing at which all persons had the opportunity to be heard, the Zoning Administrator adopted a

Negative Declaration and approved a Combined Development Permit to allow the proposed development (Monterey County Zoning Administrator Resolution No. 18-006).

- e) Ted Muhs and Elizabeth McGinnis, Glen and Angela Charles, Richard and Kathleen Doerr, Charles and Helen Schwab and Sally Lucas (Appellants), represented by Pam H. Silkwood, timely filed an appeal from the April 26, 2018, decision of the Zoning Administrator pursuant to MCC Section 20.86.030.C. The appeal challenged the Zoning Administrator’s approval of the Combined Development Permit and contended that there was a lack of fair and impartial hearing, the findings or decision or conditions are not supported by the evidence, and the decision was contrary to law. See Finding No. 8 (Appeal) for the text of the Appellants’ specific contentions and the County responses to the appeal.
- f) Pursuant to MCC Sections 20.86.030.C and E, an appeal shall be filed with the Clerk of the Board of Supervisors within 10 days after written notice of the decision of the Appropriate Authority (i.e., Zoning Administrator Resolution No. 18-006) has been mailed to the Applicant, and no appeal shall be accepted until the notice of decision has been given (i.e., mailed). The County mailed the written notice of the decision on May 10, 2018, and said appeal was filed with the Clerk of the Board of Supervisors on May 10, 2018, within the 10-day timeframe prescribed by MCC Section 20.86.030.C. The appeal hearing is de novo. A complete copy of the appeal is on file with the Clerk of the Board, and is attached to the July 10, 2018, staff report to the Board of Supervisors as Attachment C.
- g) Said appeal was timely brought to a duly-noticed public hearing before the Monterey County Board of Supervisors on July 10, 2018. Notice of the hearing was published on June 28, 2018, in the Monterey County Weekly; notices were mailed on June 26, 2018, to all property owners and occupants within 300 feet of the project site, and to persons who requested notice; and at least three (3) notices were posted at and near the project site on June 29, 2018.
- h) The application, project plans, and related support materials submitted by the project applicant to Monterey County RMA-Planning for the proposed development found in Project File No. PLN150755; Clerk of the Board of Supervisors’ file(s) related to the appeal

2. **FINDING:** **CONSISTENCY** – The Project, as conditioned, is consistent with the applicable plans and policies which designate this area as appropriate for development.

EVIDENCE: a) During the course of review of this application, the project has been reviewed for consistency with the text, policies, and regulations in:

- the 1982 Monterey County General Plan;
- Del Monte Forest Land Use Plan;
- Monterey County Coastal Implementation Plan Part 5;
- Monterey County Zoning Ordinance (Title 20);

No conflicts were found to exist. The County received communications from an attorney for the neighboring property owners and interested members of the public during the course of

- project review alleging inconsistencies with the text, policies, and regulations in the applicable plans and Monterey County Code (MCC); however, the County finds that the project is consistent with the text, policies, and regulations in the applicable documents
- b) The proposed project involves the construction of a 4,294 square foot, two story home, with a subterranean level on an 11,413 square foot parcel as follows: 2,306 square foot two stories, 1,690 square foot basement and a 298 square foot attached garage.
 - c) The property is located at 3213 Whitman Lane, Pebble Beach (Assessor's Parcel Number 008-401-010-000), Del Monte Forest (DMF) Land Use Plan (LUP), Coastal Zone. The parcel is zoned Low Density Residential, 1.5 acres per unit, with a Design Control zoning overlay (Coastal Zone) [LDR/1.5-D (CZ)]. Development of single-family dwellings and non-habitable accessory structures are identified as allowed uses pursuant to MCC Sections 20.14.040.A and F, subject to the granting of applicable coastal development permits. The Design Control zoning overlay requires the granting of a Design Approval for the proposed development (see Finding No. 2 below).
 - d) The .262-acre (11,413 square feet) lot is a legal lot of record. (See Unconditional Certificate of Compliance (COC030103).)
 - e) No Violations: The subject property is in compliance with all rules and regulations pertaining to zoning uses and applicable provisions of Title 20. There are no violations, so there are no outstanding zoning violation abatement costs. Monterey County RMA-Planning and RMA-Building Services records were reviewed, and the County is not aware of any violations existing on subject property.
 - f) History: The approximately 0.262 acre parcel was the site of the former Pebble Beach golf course maintenance facility, but has since been cleared of all structures and other features (including underground storage tanks). The site was covered by a 2,700 square foot maintenance building, a lean-to shed, a concrete pad and asphalt concrete yard area. In addition, a fueling facility and underground storage tanks were also located in the central part of the yard. The fueling facility was inactive around October 2003 and staff has confirmed that the tanks were properly removed according to all County regulations in early 2004. Demolition activities and interim uses for materials and equipment stockpiling and storage have eliminated any sustainable habitat for native populations of plants or animals.
 - g) Pescadero Watershed: The project is located on the edge of the Del Monte Forest Watershed Boundary, within an un-named watershed. Policy 77 of the Del Monte Forest Land Use Plan limits development of parcels within the applicable watersheds to a maximum site coverage of 9,000 square feet, including both structural and impervious surface coverages. The intent of this policy is to reduce runoff into the waters of the Pacific Ocean surrounding the Del Monte Forest, specifically the Carmel Bay Area of Special Biological Significance (ASBS). Maximum coverage for the proposed project is

7,002 square feet (including covered patios, which is well under the maximum allowed). Although Variances are proposed, the structure meets all other site development standards (i.e., setbacks, height) within the LDR zoning district.

Monterey County Water Resources Agency and RMA-Environmental Services reviewed the submitted application materials, and applied conditions as necessary to ensure drainage or runoff design measures are implemented. Implementation of these conditions would ensure compliance with the stormwater policies of the Del Monte Forest Land Use Plan to provide on-site retention to prevent off-site discharge from storms. In addition, the storm drain on Whitman Lane is part of the Pebble Beach CSD storm drainage infrastructure. According to the Water Resources, discharging to existing storm drain infrastructure is acceptable and does not conflict with any drainage law. WRA has accepted the proposed drainage plan.

- h) Cultural Resources. The project site is in an area identified in County records as having a high archaeological sensitivity, and is within 750 feet of known archaeological resources. A “Preliminary Archaeological Reconnaissance” was prepared by Archaeological Consulting for the project site to evaluate potential resources on or within the vicinity of the site, which could be impacted by the proposed residential development on the project site. At the time of the reconnaissance, the parcel contained the existing maintenance building, asphalt pavements, a small pesticide shed and piles of various plastic pipes, plywood, vehicles, etc. Some soil was visible in the center of the parcel where a fuel tank had been removed. None of the materials frequently associated with prehistoric cultural resources in this area were observed during the field reconnaissance. Based upon the background research and field reconnaissance, it has been concluded that there is not surface evidence of potentially significant archaeological resources on the project parcel. Therefore, there is no evidence that any cultural resources would be disturbed, and the potential for inadvertent impacts to cultural resources is limited and will be controlled by application of the County’s standard project condition (Condition No. 3) which requires the contractor to stop work if previously unidentified resources are discovered during construction.
- i) ESHA. Policy 8 of the Del Monte Forest Land Use Plan requires environmentally sensitive habitat areas be protected against any significant disruption of habitat values. In addition to environmentally sensitive habitat area policies, riparian plant communities shall be protected by establishing a setback buffer of at least 100 feet as measured from the outer edge of the riparian vegetation. The Initial Study/Negative Declaration addresses these issues. (see discussion in CEQA Finding #6).
- j) The application, plans, and supporting materials submitted by the project applicant to Monterey County RMA-Planning for the proposed development found in project file PLN150755.

3. **FINDING:** **SITE SUITABILITY** – The site is physically suitable for the use proposed.

EVIDENCE: a) The project has been reviewed for site suitability by RMA-Planning, RMA-Public Works, RMA-Environmental Services, Pebble Beach Community Services District (Fire Protection District), and Monterey County Water Resources Agency. There has been no indication from these departments/agencies that the site is not suitable for the proposed development. Conditions recommended have been incorporated.

- b) The following technical reports have been prepared:
- Preliminary Biological Resource Reconnaissance (LIB160343), prepared by Zander Associates, Berkeley, CA, June 13, 2106;
 - Assessment of Resource Values Associated with Stillwater Creek & Adjoining Private Properties, prepared by Jeffrey B. Froke, Ph.D., Pebble Beach CA, dated October 26, 2016;
 - Updated Soil Sampling and Analysis Report, Former Pebble Beach Golf Course Maintenance Facility, Whitman Lane, Pebble Beach, prepared by D&M Consulting Engineers, Inc., dated October 20, 2003;
 - Preliminary Archaeological Assessment (LIB090296) prepared by Archaeological Consulting, Salinas, California, June 2, 2009;
 - Soil Engineering Investigation for Raven Residence at 3213 Whitman Lane, Pebble Beach (LIB160055), prepared by LandSet Engineers, Inc., Salinas, CA, dated January, 2016;
 - 2016 CBC Soil Engineering Investigation Update for Raven Residence, prepared by LandSet Engineers, Inc., Salinas, CA, dated September 27, 2017.

The above-mentioned technical reports by outside consultants indicate that there are no physical or environmental constraints that would indicate that the site is not suitable for the use proposed. County staff has independently reviewed these reports and concurs with their conclusions.

c) County staff reviewed the application materials and plans, as well as the County’s GIS database, to verify that the proposed project on the subject site conforms to the applicable plans, and that the site is suitable for the proposed development.

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

EVIDENCE: a) The project was reviewed by the RMA - Planning, Pebble Beach Community Services, Public Works, RMA Environmental Services, Environmental Health Bureau, and Water Resources Agency. The respective agencies have recommended conditions, where

appropriate, to ensure that the project will not have an adverse effect on the health, safety, and welfare of persons either residing or working in the neighborhood.

- b) Necessary public facilities are available for the single family dwelling. The property is and will be served by a public water system (California American Water) and an existing public sewer system (Pebble Beach Community Services District and Carmel Area Wastewater District). The Environmental Health Bureau did not impose any conditions for project approval

5. **FINDING:** **DESIGN** – The design of the proposed project assures protection of the public viewshed, is consistent with neighborhood character, and assures visual integrity without imposing undue restrictions on private property.

- EVIDENCE:**
- a) The proposed project would re-develop an existing previously disturbed 0.262-acre (11,413 square foot) lot with a single-family dwelling with attached garage.
- b) Pursuant to Section 20.44, Title 20 (Coastal Zoning Ordinance) of the Monterey County Code (MCC), the proposed project site and surrounding area are designated as a Design Control Combining District (D District), which regulates the location, size, configuration, materials, and colors of structures and fences to assure the protection of the public viewshed and neighborhood character.
- c) Material and Color Finishes. The proposed exterior colors and materials are consistent with the residential setting and other dwelling units in the immediate vicinity. The primary colors and materials include tan stucco and natural wood doors and windows, copper accents, a metal gate and clay tile roofing materials. The second story is set back from the first story so as to prevent the feeling of a box-type structure. A variety of roof pitches help to soften the height of the structure. Exterior finishes include several openings along with shutters, stained wood beams, rafter tails and outriggers, which allow the structure to blend with the environment, blend with the residential character of the neighborhood, and is consistent with other dwellings in the neighborhood.
- d) Visual Resources. The subject property is located in an area where the Local Coastal Program may require visual public access (Figure 3, Visual Resources, Del Monte Forest Land Use Plan). Portions of the Whitman Drive enclave are visible from Point Lobos Reserve at a distance of over three miles. However, the subject property is in the northernmost portion (rear) of the enclave and is fully shielded from Point Lobos by topography. The project site and the Whitman Drive enclave are also visible from Seventeen Mile Drive across the 15th fairway of the Pebble Beach Golf Course. At the closest point, the site is about 300 feet from Seventeen Mile Drive. That portion of Seventeen Mile Drive is two lanes with minimal shoulders. While there are clear views towards the site, there is ample screening along Seventeen Mile Drive, the 15th hole, and along the parcel itself to minimize the view of the project to the public. The proposed home will also be subject to County lighting conditions to prevent light pollution and intrusion into the public viewshed. In addition to

screening, due to the speed of traffic, and the length of the visible window to the project site, there is only a short duration that the project site is visible at all. The proposed development is consistent with Del Monte Forest Land Use Plan Policies 123 and 137, and will not block significant public views toward the ocean and will not adversely impact the public viewshed or scenic character in the project vicinity.

As sited and designed the proposed house will not have a significant visual impact on the area’s scenic resources. Standard conditions of approval will require landscaping and exterior lighting plans. Approval of colors and materials have been approved as consistent. The proposed structure will only retain and enhance the public’s visual access, and would be visually compatible with other structures in the site vicinity. As proposed, the project would not result in any visual impacts, and the project is consistent with the applicable visual resource and public access policies of the Del Monte Forest Land Use Plan.

- e) Review of Development Standards. The development standards for the LDR zoning district are identified in MCC Section 20.14.060. Required setbacks in the LDR district for main dwelling units are 30 feet (front), 20 feet (rear), and 20 feet (sides). As proposed, the structure meets or exceeds all required setbacks. Corresponding maximum structure height is 30 feet, proposed is 29.9 feet. A height verification condition of approval has been included (Condition #9). A variance is allowed to exceed lot coverage and Floor Area Ratio (FAR), as the lot is substantially smaller than other lots within this Whitman enclave. (See Findings 7, 8, and 9).
- f) The project planner conducted a site inspections on August 17 and September 21, 2017 to verify that the proposed project on the subject parcel conforms to the applicable plans and MCC, and will not adversely impact the neighborhood character or scenic/visual resources.

6. **FINDING:** **CEQA (Negative Declaration)** - On the basis of the whole record before the Board of Supervisors, there is no substantial evidence that the proposed project as designed and conditioned will have a significant effect on the environment. The Negative Declaration reflects the independent judgment and analysis of the County.

- EVIDENCE:**
- a) Pursuant to Public Resources Code Section 21080.c and California Environmental Quality Act (CEQA) Guidelines Section 15070(a), the lead agency may prepare a negative declaration when there is no substantial evidence in light of the whole record that the project may have a significant effect on the environment.
 - b) Monterey County RMA-Planning prepared an Initial Study pursuant to CEQA. The Initial Study is on file in the offices of RMA-Planning and is hereby incorporated by reference (PLN150755).
 - c) ESHA. Policy 8 of the Del Monte Forest Land Use Plan requires environmentally sensitive habitat areas be protected against any significant disruption of habitat values. In addition to environmentally sensitive habitat area policies, riparian plant

communities shall be protected by establishing a setback buffer of at least 100 feet as measured from the outer edge of the riparian vegetation. A Biological Assessment was prepared for the site to determine potential impacts to any environmentally sensitive habitat which could be located on the project site. The Biological Assessment concluded there are no sensitive biological resources on the subject property. There is a riparian corridor easterly of the site called Stillwater Creek. The creek meanders through residential neighborhoods and golf course fairways until it outfalls into Stillwater Cover near the 5th tee at the Pebble Beach Golf links. Some natural habitat remains in certain areas of the creek, notably just upstream of the Whitman Lane crossing northeasterly of the site. Just downstream of this crossing location and directly adjacent to the site, the canopy opens up and the vegetation is a mix of native and non-native species of trees, shrubs and herbaceous plants.

- d) As a result, an Initial Study was prepared to address any potential impacts from development in relation to Stillwater Creek. In summary, the site is a vacant lot in the context of an existing residential neighborhood surrounded on all sides by the fairways, tees and greens of the Pebble Beach Golf Links. A history of use of the parcel as a golf course maintenance facility, demolition activities and interim uses for materials and equipment stockpiling and underground storage have eliminated any sustainable habitat for native populations of plants or animals on the pre-disturbed site. The site does not provide cover, shelter or movement corridors for native resident or migratory wildlife. No rare, threatened, endangered or otherwise special status species occur on the site.
- e) Since the site is within close proximity of Stillwater Creek, there is no alternative to developing outside of the 100 foot setback. There are other residences that have been built along the Riverine. Engineered drainage plans were prepared for the site and designed to retain storm water on site, provide erosion control measures, and require pre- and post- construction inspections to ensure that the site is stabilized and erosion control measures are effective. Site runoff will be detained onsite and released slowly into an existing storm drain system so that no drainage impacts on the adjacent Riverine or adjacent properties are anticipated. Therefore, development on the site will not affect the Creek.
- f) Comments were received from the neighbors' attorney on April 16, 2018 prior to the Zoning Administrator hearing. The comments were addressed in the resolution for the Zoning Administrator's consideration and for the record.

Comments received from Neighbors' attorney:

- 1) ESHA – Wetlands, Riparian Woodland, and Riverine Habitats that flow to ASBS require protection and a 100-foot setback:
Response: Since the site is within close proximity of the Creek, there is no alternative to developing outside of the 100 foot setback. There are other residences that have been built along the Riverine. Engineered drainage plans were prepared for the site and designed to retain storm water on site, provide erosion control measures, and require pre- and post-

construction inspections to ensure that the site is stabilized and erosion control measures are effective. Site runoff will be detained onsite and released slowly into an existing storm drain system so that no drainage impacts on the adjacent Riverine or adjacent properties are anticipated. Therefore, development on the site will not affect the Creek.

2) Evidence of Hazardous Waste Contamination:

Response: The Biological Assessment determined there was no appreciable subsurface fuel contamination detected at the site just prior to tank removal. Demolition of the structures and hard surface areas on the site occurred by permit in September 2009. Since then and prior to the sale of the property in June 2015, the Pebble Beach Company used the site for storage and stockpiling of materials and equipment. A Soil Sampling and Analysis Report prepared by D & M Consulting Engineers, Inc. dated October 20, 2003 concluded that the site does not have any subsurface contamination issues. The investigation work was pursued as a precursor for removal of the underground storage tanks prior to the sale of the property. On September 2, 2004, the Monterey County Environmental Health Department confirmed the completion of a site investigation and remedial action for the underground storage tanks formerly located at the site.

3) Viewshed: Located in an area designated by the Del Monte Forest Land Use Plan visually sensitive both from distant views from Point Lobos and from Seventeen Mile Drive

Response: The project is not visible from Pt. Lobos due to topography; however, the project site and the Whitman Drive enclave are visible from Seventeen Mile Drive across the 15th fairway of the Pebble Beach Golf Course. At the closest point, the site is about 300 feet from Seventeen Mile Drive. That portion of Seventeen Mile Drive is two lanes with minimal shoulders and while there are clear views of the site, there is ample screening both along Seventeen Mile Drive and in the enclave to minimize the view of the project to the public. As sited and designed, the proposed house will not have a significant visual impact on the area's scenic resources. A standard lighting condition will not allow up-lighting from the proposed project.

4) Archaeological Resources – Consultation Required:

Response: In May 2009, a "Preliminary Archaeological Reconnaissance" was prepared for the project site to evaluate potential resources on or within the vicinity of the site, which could be impacted by the proposed residential development on the project site. At the time of the reconnaissance, the parcel contained the existing maintenance building, asphalt pavements, a small pesticide shed and piles of various plastic pipes, plywood, vehicles, etc. Based on the background research and field reconnaissance, it has been concluded that there is not surface evidence of potentially significant archaeological resources on the project parcel.

- g) All project changes required to avoid significant effects on the environment have been incorporated into the project. The project is subject to the conditions of approval set forth in the Condition Compliance and Mitigation Monitoring and/or Reporting Plan, hereby incorporated herein by reference.
- h) An Initial Study/ Draft Negative Declaration (ND) was prepared in accordance with CEQA and circulated for public review from March 16, 2018 to April 16, 2018.
- i) Issues that were analyzed in the Negative Declaration include: Aesthetics, Air Quality, Biological Resources, Geology/Soils and Greenhouse Gas Emissions.
- j) Evidence that has been received and considered includes: the application, technical studies/reports (see Finding 2/Site Suitability), staff reports that reflect the County's independent judgment, and information and testimony presented during public hearings. These documents are on file in RMA-Planning (PLN150755) and are incorporated herein by reference.
- k) All land development projects that are subject to environmental review are subject to a State filing fee for review of the Negative Declaration plus the County recording fee, unless the Department of Fish and Game determines that the project will have no effect on fish and wildlife resources (Condition #5).
- l) Monterey County RMA-Planning, located at 1441 Schilling Place, 2nd Floor, Salinas, California, 93901, is the custodian of documents and other materials that constitute the record of proceedings upon which the decision to adopt the mitigated negative declaration is based.

7. **FINDING:** **PUBLIC ACCESS** – The project is in conformance with the public access and recreation policies of the Coastal Act (specifically Chapter 3 of the Coastal Act of 1976, commencing with Section 30200 of the Public Resources Code) and Local Coastal Program, and does not interfere with any form of historic public use or trust rights.

- EVIDENCE:**
- a) No access is required as part of the project as no substantial adverse impact on access, either individually or cumulatively, as described in Section 20.147.130 of the Monterey County Coastal Implementation Plan can be demonstrated.
 - b) No evidence or documentation has been submitted or found showing the existence of historic public use or trust rights over this property.
 - c) The subject property is not described as an area where the Local Coastal Program requires physical public access (Figure 8, Major Public Access and Recreational Facilities, in the Del Monte Forest Land Use Plan).
 - d) The subject property is identified as an area where the Local Coastal Program may require visual public access (Figure 3, Visual Resources, Del Monte Forest Land Use Plan). See also Finding No. 2.
 - e) The proposed development is consistent with Del Monte Forest Land Use Plan Policies 123 and 137, and will not block significant public views toward the ocean and will not adversely impact the public viewshed or scenic character in the project vicinity. As proposed, the

project is consistent with applicable visual resource and public access policies in the Del Monte Forest Land Use Plan.

- f) The project planner completed site inspections on August 17, September 21 2017, to verify that the proposed project would not impact public access. The project planner also reviewed plans and visual simulations of the proposed development to verify that the structures will not impact visual resources/access.
- g) The application, plans and supporting materials submitted by the project applicant to Monterey County RMA-Planning for the proposed development are found in Project File PLN150755.

8. **FINDING:** **VARIANCE (Authorized Use)** – The Variance shall not be granted for a use or activity which is not otherwise expressly authorized by the zoning regulation governing the parcel of property.

- EVIDENCE:**
- a) The property has a zoning designation of Low Density Residential, 1.5 acres per unit, with a Design Control zoning overlay (Coastal Zone) [LDR/1.5-D (CZ)].
 - b) Development of a single-family dwelling and non-habitable accessory structures are identified as allowed uses pursuant to MCC Sections 20.14.040.A and F, subject to the granting of applicable coastal development permits. Therefore, the proposed dwelling is expressly authorized within the zoning district. See also Finding No. 1, Evidence b above.

9. **FINDING:** **VARIANCE (Special Circumstances)** - Because of special circumstances applicable to the subject property, including the size, shape, topography, location of the lot, or the surrounding area, the strict application of development standards in the Monterey County Codes is found to deprive the subject property of privileges enjoyed by other property owners in the vicinity under identical zoning classification.

- EVIDENCE:**
- a) Policy 77 of the Del Monte Forest Land Use Plan (DMF LUP) limits development of parcels within the applicable watersheds to a maximum site coverage of 9,000 square feet, including both structural and impervious surface coverages. Maximum coverage for the proposed project is 7,002 square feet (including paving, paths and patios), well under the maximum allowed.
 - b) Pursuant to MCC Section 20.14, the Low Density Residential, 1.5 acres per unit (LDR/1.5) zoning district/classification allows building site coverage of 15 percent, and does not specifically restrict impervious surface coverage. Pursuant to Policy 77 of the DMF LUP, the property is restricted beyond the impervious coverage limits imposed by the Monterey County Zoning Ordinance (Title 20) on other properties with the same zoning classification.
 - c) The subject property is small for this zoning district, at 11,413 square feet (.26 acres), which would allow building site coverage of 1710 square feet under regular zoning district development standards and a Floor Area Ratio of 1,995 square feet (17.5%). In the Del Monte Forest, this size lot would typically be zoned MDR, which would have a lot coverage of 35% and floor area ratio of 45%. If the parcel were zoned MDR, there would be no need for a variance. The

Whitman enclave area is surrounded by “OR (CZ)” Open Space Recreational zoning. Therefore, consideration of a rezoning to MDR would not be appropriate. While LDR zoning is more appropriate than MDR for the area, the small size of this particular lot and its irregular shape justify the finding of a special circumstance applicable to the subject property. The quasi-triangular shaped lot restricts designing a structure that would be visually consistent with the other homes in the neighborhood. To allow for a design conducive to the site and neighborhood, applicants are proposing 18.9% lot coverage (exceeds by 3.9%) and 22.8% floor area (exceeds by 5.3%). Setbacks required for this lot include a 30 foot front setback, 20 foot side setback and 20 foot rear setback. The applicants meet all setback requirements, including allowable height of 30 feet. There is a sunken BBQ and fire pit within the setbacks but this does not count as lot coverage.

- e) The project planner conducted a site inspection on August 17, and September 21, 2017, to verify circumstances related to other properties in the vicinity and in the same zoning district.
- h) The application, plans and supporting materials submitted by the project applicant to Monterey County RMA-Planning for the proposed development are found in Project File PLN150755.

10. **FINDING:** **VARIANCE (Special Privileges)** – The Variance shall not constitute a grant of privileges inconsistent with the limitations upon other property owners in the vicinity and zone in which such property is situated.

- EVIDENCE:**
- a) The approximately ¼ acre lot is surrounded by 1 to 2 acre parcels. This size of lot generally would have an MDR zoning district with a 35% lot coverage and 45% floor area ratio. Applying the LDR zoning district limits for lot coverage and floor area ratio to this parcel would make it impossible to develop a home consistent with the surrounding properties.
 - b) The existing homes in the neighborhood average from 4,014 square feet with 605 square foot garages to as high as 10,951 square feet with 1,064 square foot garage. The proposed single family dwelling is smaller with 2,306 square feet of living space above grade and a 1,690 square foot basement. Therefore, the variance does not grant a privilege inconsistent with the limitations on property owners in the vicinity of the project.
 - c) The single family dwelling is an authorized use; the special circumstance is that this lot is substantially smaller than all of the lots within the Whitman enclave, making it difficult to design a structure conducive with the character of the neighborhood; and therefore, is not a special privilege due to site development limitations far more restrictive than that of the neighboring properties.
 - d) The project planner conducted site inspections on August 17 and September 21, 2017, to verify that the Variance would not constitute a grant of special privileges inconsistent with the limitations upon other property owners in the vicinity and zone in which the subject property is situated.

- e) The application, plans and supporting materials submitted by the project applicant to Monterey County RMA-Planning for the proposed development are found in Project File PLN150755.

11. FINDING:

APPEAL – Upon consideration of the documentary evidence, the staff report, the oral and written testimony, and all other evidence in the record as a whole, the Board finds that there is no substantial evidence to support the Appellants’ contentions and makes the following specific findings in regard to the Appellants’ contentions:

EVIDENCE:

- a) The Appellants, Ted Muhs and Elizabeth McGinnis, Glen and Angela Charles, Richard and Kathleen Doerr, Charles and Helen Schwab and Sally Lucas, represented by attorney Pam H. Silkwood, pursuant to MCC Section 20.86.030.C, timely filed an appeal from the April 26, 2018, decision of the Zoning Administrator. The appeal challenged the Zoning Administrator’s approval of the Combined Development Permit and contended that there was a lack of fair and impartial hearing, the findings or decision or conditions are not supported by the evidence, and the decision was contrary to law.

The text of the Appellant’s contentions and the County’s responses to those contentions are set forth in Evidences b through d below.

- b) **1) *Appellant contention: There was a lack of fair and impartial hearing. The applicant’s representatives misrepresented the facts before the Zoning Administrator, which prejudiced the ZA’s decision, including the following:***

- a. *CEQA Baseline – appellant contends that the CEQA baseline should be vacant land, not the pre-existing maintenance building because it was removed 9 years ago.*

COUNTY RESPONSE: The CEQA baseline in the Initial Study is the vacant lot, and therefore, an Initial Study was prepared to address any potential impacts from the future development in relation to the creek. However, the parcel was the site of the former Pebble Beach Golf Links maintenance facility, which the Initial Study included in its analysis.

- b. *Appellant asserts that the facts do not support the variance findings and argues applicant can and should design a project that does not require a variance.*

COUNTY RESPONSE: The Variance request is to exceed lot coverage by 3.9% (343 square feet) and floor area ratio by 5.3% (605 square feet). If the house was to be reduced by these numbers, the applicants would not have to apply for a variance. The zoning in this area of 1 to 2 acre parcels is LDR/1.5 (CZ); which has a lot coverage of 15% and floor area ratio of 17.5%. The proposed project site is a lot of .26 acres (11,413 square feet), a substantially smaller lot size than the other lots zoned LDR in this area. In the Del Monte Forest, this size lot would typically be zoned MDR, which would have a lot coverage of 35% and floor area ratio of 45%. If the parcel was zoned MDR, there would be no need for a variance. The Whitman enclave area is surrounded

by “OR (CZ)” Open Space Recreational zoning. Therefore, consideration of a rezoning to MDR would not be appropriate. While LDR zoning is more appropriate than MDR for the area, the small size of this particular lot justifies the finding of a special circumstance applicable to the subject property.

c. Appellant argues that the facts do not support a “hardship” finding for the variance.

COUNTY RESPONSE: A variance requires three findings, as set out in Government Code section 65906 and section 20.78.040 of Title 20 of the Monterey County Code. One of the required findings for a variance is that “because of special circumstances applicable to the subject property, including size, shape, topography, location or surroundings, the strict application of this Title [Title 20] is found to deprive the subject property of privileges enjoyed by other properties in the vicinity and under identical zone classification.” (Monterey County Code, section 20.78.040.A.) Substantial evidence supports this finding. Besides the small lot size (.26 acres) and limited coverage and floor area that results from the LDR zoning district as applied to this unusually small lot, the parcel is an irregular, quasi-triangular shaped lot that restricts designing a structure that would be visually consistent with the larger homes in this neighborhood.

d. Biological impact analysis under CEQA: Appellant is arguing that the CEQA analysis is flawed, specifically that it did not analyze the project’s cumulative biological impacts or impacts to migratory birds.

COUNTY RESPONSE: The Initial Study addresses all potential impacts from development in relation to Stillwater Creek, including drainage impacts. Engineered drainage plans were prepared for the site and designed to retain storm water on site, provide erosion control measures, and pre- and post- construction inspections to ensure that the site is stabilized and erosion control measures are effective. Also, a Biological Assessment was prepared for the site to determine potential impacts to any environmentally sensitive habitat area and concluded there are no sensitive biological resources on the subject property. Substantial evidence in the record confirms that the proposed development would have no additional cumulative impacts to the creek, because the proposed drainage plan has been prepared to avoid drainage into the creek. A condition of approval also requires a qualified biologist prepare a pre-construction survey for nesting birds and raptors in the one Oak on the site.

e. Contamination: Appellant contends the applicant did not properly answer questions specific to the potential contamination resulting from the prior maintenance yard activities.

COUNTY RESPONSE: The appellant submitted a letter from M3 Environmental Consulting LLC dated December 5, 2017,

stating that based on an aerial photograph of the site from May 2017, “there was an apparent surface staining of the site; and they would consider the staining a recognized environmental concern.” This assertion is based on an aerial photograph. A Soil Sampling and Analysis Report prepared by D & M Consulting Engineers, Inc. dated October 20, 2003 concluded that the site does not have any subsurface contamination issues. The investigated work was pursued as a precursor for removal of the underground storage tanks prior to the sale of the property. On September 2, 2004, the Monterey County Environmental Health Department confirmed the completion of a site investigation and remedial action for the underground storage tanks formerly located at the site.

f. Drainage – Appellant contends that applicant is withholding key information that would affect the drainage analysis and that the proposed complex drainage system could result in flooding of neighbors.

COUNTY RESPONSE: The Pebble Beach Community Services District (CSD) confirms that the storm drain on Whitman Lane is part of the Pebble Beach CSD storm drainage infrastructure. Water Resources Agency has also confirmed that discharging into the existing storm drain infrastructure is acceptable and does not conflict with any drainage laws. RMA-Environmental Services has reviewed the drainage plan as well and confirms all the runoff from impervious areas and the underfloor drains will discharge onto Whitman Lane and then to a natural drainage course. The discharge will be metered out by a pump and will not cause any problems with high volume discharge onto the road.

g. Location of the discharge area: appellant contends that the location of the drainage discharge area is not shown on the plans and is not clear.

COUNTY RESPONSE: Based on the drainage plan, surface water is collected by:

- area drains and drainage swales onto underground detention pipe system;
- storm drain facilities with catch basins – both lower sump pump and lift station utilized, and
- subsurface drainage for foundation and under slab piped to lower sump pump, which would eventually drain out to Whitman Lane. The proposed stormwater system provides protection for the ravine and neighboring properties.

A condition of approval requires the plan to include detention facilities to control flow of impervious surface stormwater runoff, along with supporting calculations and construction details. Drainage improvements shall be constructed in accordance with plans approved by the Water Resources Agency.

- c) 2) ***Appellant contention: The Findings and Decision are not supported by the Evidence.***
 - a. *Finding 1 – The Raven property is not suitable for the development proposed; the Project would pose significant health and safety impacts; and the Project is inconsistent with the Del Monte Forest Land Use Plan/Local Coastal Program (LCP).*

COUNTY RESPONSE: The site is physically suitable for the development proposed and not detrimental to the public health and safety. The project is consistent with the Del Monte Forest Land use Plan as analyzed by RMA Planning, Public Works, and Environmental Services, Water Resources, Pebble Beach CSD, and Environmental Health Bureau. (See Finding 2 of the project resolution.)

- b. *Finding 2 – The Project design does not assure protection of public viewshed and is inconsistent with neighborhood character.*

COUNTY RESPONSE: The proposed development is consistent with Del Monte Forest Land Use Plan Policies 123 and 137, as it will not block significant public views toward the ocean and will not adversely impact the public viewshed or scenic character in the project vicinity

- c. *Finding 3 – The Project will have a significant effect on the environment.*

COUNTY RESPONSE: As analyzed in the Initial Study with the support of technical documents, there is no substantial evidence that the proposed project will have a significant effect on the environment. (See CEQA finding in the project resolution.)

- d. *Findings 5, 6, 7 – Variance approval is not supported by the findings, and the findings are not supported by substantial evidence in the record.*

- 1. *The variance approval would not deprive the Raven property of privileges enjoyed by other properties in the vicinity and under identical zone classification.*
- 2. *The granting of the variances would grant the Applicant special privileges inconsistent with the limitations upon other properties in the vicinity and zone in which such property is situated.*

COUNTY RESPONSE: This lot is substantially smaller and abnormally shaped than all the other lots within the Whitman enclave, making it difficult to design a structure conducive with the character of the neighborhood; and therefore, grant of a variance for this project is not a special privilege due to site development limitations far more restrictive than that of the neighboring properties.

- d) 3) ***Appellant Contention: The Decision was Contrary to the Law***
 - a. *The Zoning Administrator abused its discretion by failing to proceed in the manner required by law and failing to support*

its decision to adopt the Negative Declaration with substantial evidence in the record. The Project’s Initial Study fails to adequately describe the environmental setting, analyze environmental impacts and mitigate significant impacts.

- b. *The Zoning Administrator abused its discretion by failing to proceed in the manner required by law and failing to support its decision to grant Applicant Variances with substantial evidence in the record. Instead of denying the variances based clearly on the inability to make the required findings and support the findings with substantial evidence in the record, the ZA granted special privileges to the Applicant by approving the variances, which is prohibited.*

COUNTY RESPONSE:

The Monterey County Zoning Administrator conducted a duly noticed public hearing on the project on April 26, 2018, at which all persons had the opportunity to present evidence and be heard. The Zoning Administrator found that based on the findings and evidence, the project was consistent with the policies of the Monterey County 1982 General Plan, Del Monte Forest Land Use Plan, and Monterey County Code (Title 20) and that substantial evidence supported the findings for a variance. (Zoning Administrator Resolution (No. 18-024). See also the responses to appellants’ other contentions, as this contention essentially duplicates the other contentions.

Analysis has concluded that these contentions are without merit because they are not supported by evidence and/or are not relevant under Monterey County Code and/or raise concerns not protected under County Zoning.

12. FINDING: **APPEALABILITY** – The decision on this project may be appealed to the California Coastal Commission.

EVIDENCE: a) California Coastal Commission: Pursuant to Section 20.86.080.A of the Monterey County Zoning Ordinance (Title 20), the project is subject to appeal by/to the California Coastal Commission because it involves development between the sea and the first through public road paralleling the sea (State Route 1), and development that is permitted in the underlying zone as a conditional use.

DECISION

NOW, THEREFORE BE IT RESOLVED, based on the above findings and evidence, and the administrative record as a whole, that the Board of Supervisors does hereby:

- A. Certify that the foregoing recitals and findings are true and correct;
- B. Deny the appeal of Ted Muhs and Elizabeth McGinnis, Glen and Angela Charles, Richard and Kathleen Doerr, Charles and Helen Schwab and Sally Lucas challenging the Zoning Administrator’s approval of a Combined Development Permit consisting of a 1) Coastal Administrative Permit and Design Approval to allow the construction of a single family dwelling consisting of 2,306 square foot two story, 1,690 square foot basement and a 298 square foot garage; 2) Coastal Development Permit to allow development within 750 feet of an archaeological resource; 3) Variance to exceed lot coverage by

3.9% (totaling 18.9%); and 4) Variance to exceed floor area ratio (FAR) by 5.3% (totaling 22.8%);

C. Adopt the Negative Declaration; and

D. Approve a Combined Development Permit consisting of a 1) Coastal Administrative Permit and Design Approval to allow the construction of a single family dwelling consisting of 2,306 square foot two story, 1,690 square foot basement and a 298 square foot garage; 2) Coastal Development Permit to allow development within 750 feet of an archaeological resource; and 3) Variance to exceed lot coverage by 3.9% (totaling 18.9%); and 4) Variance to exceed floor area ratio (FAR) by 5.3% (totaling 22.8%); in general conformance with the attached plans and subject to the conditions of approval, both being attached hereto and incorporated herein by reference.

PASSED AND ADOPTED upon motion of Supervisor _____, seconded by Supervisor _____, and carried this 10th day of July, 2018, by the following vote to wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

I, Valerie Ralph, Clerk of the Board of Supervisors of the County of Monterey, State of California, hereby certify that the foregoing is a true copy of an original order of said Board of Supervisors duly made and entered in the minutes thereof Minute Book _____ for the meeting on May 15, 2018.

Date:

File Number:

Valerie Ralph, Clerk of the Board of Supervisors
County of Monterey, State of California

By _____
Deputy

Monterey County RMA Planning

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

PLN150755

1. PD001 - SPECIFIC USES ONLY

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: This is a Combined Development Permit consisting of a 1) Coastal Administrative Permit and Design Approval to allow the construction of a 3,996 square foot single family dwelling consisting of 2,306 square foot two stories, 1,690 square foot basement and a 298 square foot garage; 2) Coastal Development Permit to allow development within 750 feet of an archaeological resource; and 3) Variance to exceed lot coverage by 3.9% (totaling 18.9%) and FAR by 5.3% (totaling 22.8%). The property is located at 3213 Whitman Lane, Pebble Beach (Assessor's Parcel Number 008-401-010-000), Del Monte Forest Land Use Plan. This permit was approved in accordance with County ordinances and land use regulations subject to the terms and conditions described in the project file. Neither the uses nor the construction allowed by this permit shall commence unless and until all of the conditions of this permit are met to the satisfaction of the Director of RMA - Planning. Any use or construction not in substantial conformance with the terms and conditions of this permit is a violation of County regulations and may result in modification or revocation of this permit and subsequent legal action. No use or construction other than that specified by this permit is allowed unless additional permits are approved by the appropriate authorities. To the extent that the County has delegated any condition compliance or mitigation monitoring to the Monterey County Water Resources Agency, the Water Resources Agency shall provide all information requested by the County and the County shall bear ultimate responsibility to ensure that conditions and mitigation measures are properly fulfilled. (RMA - Planning)

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to conditions and uses specified in the permit on an ongoing basis unless otherwise stated.

2. PD002 - NOTICE PERMIT APPROVAL

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The applicant shall record a Permit Approval Notice. This notice shall state:
 "A Combined Development Permit (Resolution Number 18-) was approved by Board of Supervisors for Assessor's Parcel Number 008-401-010-000 on July 10, 2018. The permit was granted subject to 19 conditions of approval which run with the land. A copy of the permit is on file with Monterey County RMA - Planning."

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

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

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

Responsible Department: RMA-Planning

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

Compliance or Monitoring Action to be Performed: The Owner/Applicant shall adhere to this condition on an on-going basis.

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

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

4. CC01 INDEMNIFICATION AGREEMENT

Responsible Department: County Counsel

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

Compliance or Monitoring Action to be Performed: Upon demand of County Counsel or concurrent with the issuance of building permits, use of the property, recording of the final/parcel map, or recordation of Certificates of Compliance, whichever occurs first and as applicable, the Owner/Applicant shall submit a signed and notarized Indemnification Agreement to the County Counsel for review and signature by the County.

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

5. PD005 - FISH & GAME FEE NEG DEC/EIR

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: Pursuant to the State Public Resources Code Section 753.5, State Fish and Game Code, and California Code of Regulations, the applicant shall pay a fee, to be collected by the County, within five (5) working days of project approval. This fee shall be paid before the Notice of Determination is filed. If the fee is not paid within five (5) working days, the project shall not be operative, vested or final until the filing fees are paid. (RMA - Planning)

Compliance or Monitoring Action to be Performed: Within five (5) working days of project approval, the Owner/Applicant shall submit a check, payable to the County of Monterey, to the Director of RMA - Planning.

If the fee is not paid within five (5) working days, the applicant shall submit a check, payable to the County of Monterey, to the Director of RMA - Planning prior to the recordation of the final/parcel map, the start of use, or the issuance of building permits or grading permits.

6. PD006(A) - CONDITION COMPLIANCE FEE

Responsible Department: RMA-Planning

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

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

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

Responsible Department: RMA-Planning

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

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

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

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

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

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

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

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: All exterior lighting shall be unobtrusive, down-lit, harmonious with the local area, and constructed or located so that only the intended area is illuminated and off-site glare is fully controlled. The lighting source shall be shielded and recessed into the fixture. No uplighting on the roof deck, only shadow low-lighting. The applicant shall submit three (3) copies of an exterior lighting plan which shall indicate the location, type, and wattage of all light fixtures and include catalog sheets for each fixture. The lighting shall comply with the requirements of the California Energy Code set forth in California Code of Regulations Title 24 Part 6. The exterior lighting plan shall be subject to approval by the Director of RMA - Planning, prior to the issuance of building permits. (RMA - Planning)

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

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

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

9. PD041 - HEIGHT VERIFICATION

Responsible Department: RMA-Planning

Condition/Mitigation Monitoring Measure: The applicant shall have a benchmark placed upon the property and identify the benchmark on the building plans. The benchmark shall remain visible on-site until final building inspection. The applicant shall provide evidence from a licensed civil engineer or surveyor to the Director of RMA - Building Services for review and approval, that the height of the structure(s) from the benchmark is consistent with what was approved on the building permit associated with this project. (RMA - Planning and RMA - Building Services)

Compliance or Monitoring Action to be Performed: Prior to the issuance of grading or building permits, the Owner/Applicant shall have a benchmark placed upon the property and identify the benchmark on the building plans. The benchmark shall remain visible onsite until final building inspection.

Prior to the foundation pre-pour inspection, the Owner/Applicant shall provide evidence from a licensed civil engineer or surveyor, to the Director of RMA- Building Services for review and approval, that the height of first finished floor from the benchmark is consistent with what was approved on the building permit.

Prior to the final inspection, the Owner/Applicant/Engineer shall provide evidence from a licensed civil engineer or surveyor, to the Director of RMA- Building Services for review and approval, that the height of the structure(s) from the benchmark is consistent with what was approved on the building permit.

10. EROSION CONTROL PLAN

Responsible Department: Environmental Services

Condition/Mitigation Monitoring Measure: The applicant shall submit an erosion control plan in conformance with the requirements of Monterey County Code Chapter 16.12. The erosion control plan shall include a construction entrance, concrete washout, stockpile area(s), material storage area(s), portable sanitation facilities and waste collection area(s), as applicable. (RMA – Environmental Services)

Compliance or Monitoring Action to be Performed: Prior to issuance of any grading or building permits, the applicant shall submit an erosion control plan to RMA-Environmental Services for review and approval.

11. GEOTECHNICAL CERTIFICATION

Responsible Department: Environmental Services

Condition/Mitigation Monitoring Measure: The applicant shall provide certification from a licensed practitioner that all development has been constructed in accordance with the recommendations in the project Soil Engineering Investigation. (RMA- Environmental Services)

Compliance or Monitoring Action to be Performed: Prior to final inspection, the owner/applicant shall provide RMA-Environmental Services a letter from a licensed practitioner.

12. GRADING PLAN

Responsible Department: Environmental Services

Condition/Mitigation Monitoring Measure: The applicant shall submit a grading plan incorporating the recommendations in the project Soil Engineering Investigation prepared by LandSet Engineers, Inc. The grading plan shall also address the requirements of Monterey County Code Chapter 16.08, and the geotechnical inspection schedule shall be included on the plan. The applicant shall provide certification from the licensed practitioner that the grading plan incorporates their geotechnical recommendations. (RMA-Environmental Services)

Compliance or Monitoring Action to be Performed: Prior to issuance of any grading or building permits, the applicant shall submit a grading plan to RMA-Environmental Services for review and approval.

Prior to issuance of any grading or building permits, the applicant shall submit certification from a licensed practitioner that they have reviewed the grading plan for conformance with the geotechnical recommendations.

13. INSPECTION-DURING ACTIVE CONSTRUCTION

Responsible Department: Environmental Services

Condition/Mitigation Monitoring Measure: The applicant shall schedule an inspection with RMA-Environmental Services to inspect drainage device installation, review the maintenance and effectiveness of BMPs installed, and to verify that pollutants of concern are not discharged from the site. At the time of the inspection, the applicant shall provide certification that all necessary geotechnical inspections have been completed to that point. This inspection requirement shall be noted on the Erosion Control Plan. (RMA – Environmental Services)

Compliance or Monitoring Action to be Performed: During construction, the applicant shall schedule an inspection with RMA-Environmental Services.

14. INSPECTION-FOLLOWING ACTIVE CONSTRUCTION

Responsible Department: Environmental Services

Condition/Mitigation Monitoring Measure: The applicant shall schedule an inspection with RMA-Environmental Services to ensure all disturbed areas have been stabilized and all temporary erosion and sediment control measures that are no longer needed have been removed. This inspection requirement shall be noted on the Erosion Control Plan. (RMA – Environmental Services)

Compliance or Monitoring Action to be Performed: Prior to final inspection, the owner/applicant shall schedule an inspection with RMA-Environmental Services.

15. INSPECTION-PRIOR TO LAND DISTURBANCE

Responsible Department: Environmental Services

Condition/Mitigation Monitoring Measure: The applicant shall schedule an inspection with RMA-Environmental Services to ensure all necessary sediment controls are in place and the project is compliant with Monterey County regulations. This inspection requirement shall be noted on the Erosion Control Plan. (RMA – Environmental Services)

Compliance or Monitoring Action to be Performed: Prior to commencement of any land disturbance, the owner/applicant shall schedule an inspection with RMA-Environmental Services.

16. PW0044 - CONSTRUCTION MANAGEMENT PLAN

Responsible Department: RMA-Public Works

Condition/Mitigation Monitoring Measure: The applicant shall submit a Construction Management Plan (CMP) to the RMA-Planning Department and the Department of Public Works for review and approval. The CMP shall include measures to minimize traffic impacts during the construction/grading phase of the project and shall provide the following information:
Duration of the construction, hours of operation, an estimate of the number of truck trips that will be generated, truck routes, number of construction workers, parking areas for both equipment and workers, and locations of truck staging areas. Approved measures included in the CMP shall be implemented by the applicant during the Construction/grading phase of the project.

Compliance or Monitoring Action to be Performed:

1. Prior to issuance of the Grading Permit or Building Permit Owner/Applicant/Contractor shall prepare a CMP and shall submit the CMP to the RMA-Planning Department and the Department of Public Works for review and approval.
2. On-going through construction phases Owner/Applicant/Contractor shall implement the approved measures during the construction/grading phase of the project.

17. WR008 - STORMWATER DETENTION

Responsible Department: Water Resources Agency

Condition/Mitigation Monitoring Measure: The applicant shall provide a drainage plan, prepared by a registered civil engineer, addressing on-site and off-site impacts. The plan shall include detention facilities to mitigate the impact of impervious surface stormwater runoff. Supporting calculations and construction details shall also be provided. Drainage improvements shall be constructed in accordance with plans approved by the Water Resources Agency. (Water Resources Agency)

Compliance or Monitoring Action to be Performed: Prior to issuance of any construction permit, the owner/applicant shall submit a drainage plan with the construction permit application.

The Building Services Department will route a plan set to the Water Resources Agency for review and approval.

18. WR010 - COMPLETION CERTIFICATION

Responsible Department: Water Resources Agency

Condition/Mitigation Monitoring Measure: The applicant shall provide certification from a registered civil engineer or licensed contractor that stormwater detention facilities have been constructed in accordance with the approved drainage plan. (Water Resources Agency)

Compliance or Monitoring Action to be Performed: Prior to final inspection, the owner/applicant shall submit a letter to the Water Resources Agency prepared by a registered civil engineer or licensed contractor.

19. PD050 - RAPTOR/MIGRATORY BIRD NESTING

Responsible Department: RMA-Planning

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

Compliance or Monitoring Action to be Performed: No more than 30 days prior to ground disturbance or tree removal, the Owner/Applicant/Tree Removal Contractor shall submit to RMA-Planning a nest survey prepared by a County qualified biologist to determine if any active raptor or migratory bird nests occur within the project site or immediate vicinity.

REVISION	No.

RAVEN RESIDENCE

3213 WHITMAN LANE PEBBLE BEACH, CA 93953

CONSULTANT:

ERIC MILLER ARCHITECTS, INC.
 211 HOFFMAN AVENUE MONTEREY, CA 93940
 PHONE (831) 372-0410 • FAX (831) 372-7840 • WEB: www.ericmillerarchitects.com

ARCHITECT

TITLE SHEET

JOB NAME: **Raven Residence**
 3213 Whitman Lane
 Pebble Beach, CA
 A.P.N. 008-401-010

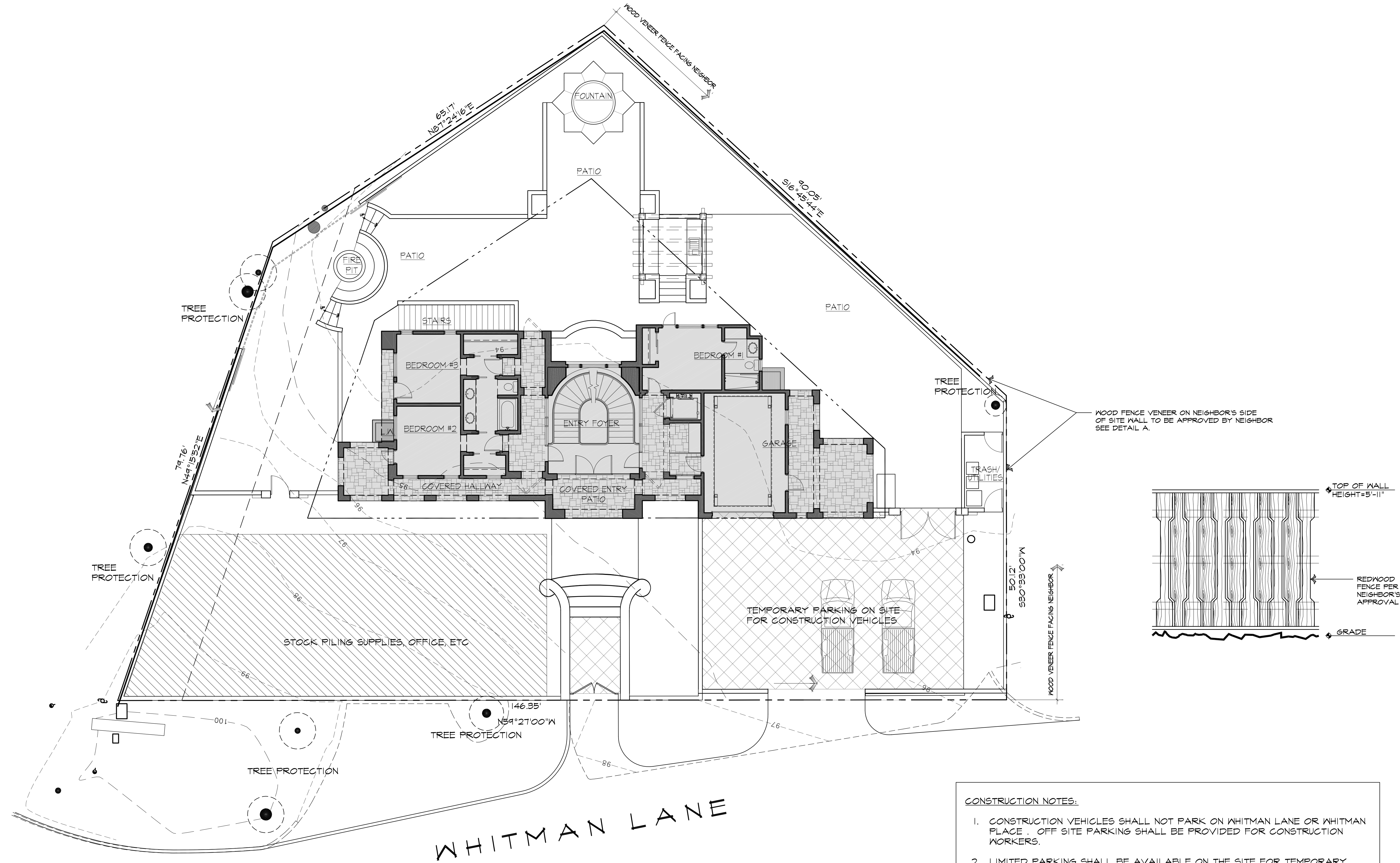
DATE: 6/6/17
 SCALE: N.T.S.
 DRAWN: BRW
 JOB NUMBER: 15.17

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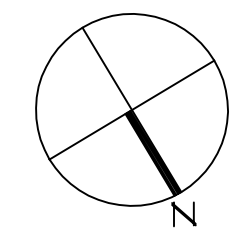
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<p>SETBACKS</p> <table border="1"> <tr> <th>LDR/1.5-D(CZ)</th> <th>REQUIRED</th> <th>PROPOSED</th> </tr> <tr> <td>FRONT (NORTH)</td> <td>30'-0"</td> <td>30'-0"</td> </tr> <tr> <td>REAR (SOUTH/WEST)</td> <td>20'-0"</td> <td>22'-2"</td> </tr> <tr> <td>REAR (SOUTH/EAST)</td> <td>20'-0"</td> <td>20'-0"</td> </tr> <tr> <td>SIDE (EAST)</td> <td>20'-0"</td> <td>20'-9"</td> </tr> <tr> <td>SIDE (WEST)</td> <td>20'-0"</td> <td>21'-11"</td> </tr> </table> <p>BUILDING HEIGHT: 30 FT., MAX. / 29.75 FT.</p>	LDR/1.5-D(CZ)	REQUIRED	PROPOSED	FRONT (NORTH)	30'-0"	30'-0"	REAR (SOUTH/WEST)	20'-0"	22'-2"	REAR (SOUTH/EAST)	20'-0"	20'-0"	SIDE (EAST)	20'-0"	20'-9"	SIDE (WEST)	20'-0"	21'-11"	<p>PROJECT DATA</p> <p>LOT DATA: LOT SIZE: 11,999.0 SQ. FT. A.P.N.: 008-401-010-000 ZONING: LDR/1.5-D (CZ) BUILDING VARIANCE: FOR FLOOR AREA RATIO AND FOR BUILDING SITE COVERAGE.</p> <table border="1"> <tr> <th>ZONING</th> <th>LDR/1.5-D (CZ)</th> </tr> <tr> <td>FLOOR AREA RATIO :</td> <td>17.5%</td> </tr> <tr> <td>MAXIMUM AREA ALLOWED :</td> <td>1,994.8 SQ. FT.</td> </tr> </table> <p>EXISTING FLOOR AREA: NONE</p> <p>PROPOSED FLOOR AREA: FIRST FLOOR: 420 S.F. GARAGE: 248 S.F. SECOND FLOOR: 1,386 S.F.</p> <p>PROPOSED FLOOR AREA RATIO : 22.8% PROPOSED 2,604 S.F. (609.2 S.F.) +5.3% VARIANCE</p> <p>PROPOSED SITE COVERAGE: BUILDING SITE COVERAGE 2,156 S.F. DRIVEWAY 1,224 S.F. SUNKEN FIRE PIT & BBQ (LESS THAN 6 FT.) 141 S.F. STAIR/LIGHT WELLS 261 S.F. SITE WALLS UNDER 6 FT. 345 S.F. PAVING - PATHS, PATIOS 2,179 S.F.</p> <table border="1"> <tr> <th>ZONING</th> <th>LDR/1.5-D (CZ)</th> </tr> <tr> <td>BUILDING SITE COVERAGE:</td> <td>15%</td> </tr> <tr> <td>MAXIMUM AREA ALLOWED :</td> <td>1,709.8 SQ. FT.</td> </tr> </table> <p>BUILDING SITE COVERAGE: FIRST FLOOR: INTERIOR - 1ST FLOOR 420 S.F. GARAGE 248 S.F. EXTERIOR COVERED PATIOS 498 S.F.</p> <p>TOTAL PROPOSED BUILDING SITE COVERAGE: 18.9% PROPOSED 2,156 S.F. (446.2 S.F.) +3.9% VARIANCE</p> <p>TOTAL BUILDING AREA: FIRST FLOOR: INTERIOR - 1ST FLOOR 420 S.F. GARAGE 248 S.F. EXTERIOR COVERED PATIOS 498 S.F.</p> <p>TOTAL FIRST FLOOR: 2,156 S.F.</p> <p>SECOND FLOOR: INTERIOR - 2ND FLOOR 1,386 S.F. EXTERIOR COVERED PATIO 306 S.F.</p> <p>TOTAL 2ND FLOOR: 1,642 S.F.</p> <p>BASEMENT FLOOR: INTERIOR HABITABLE - BASEMENT 1,640 S.F. INTERIOR UTILITY - BASEMENT 65 S.F.</p> <p>TOTAL BASEMENT FLOOR: 1,755 S.F.</p> <p>TOTAL PROPOSED BUILDING AREA: 5,603 S.F.</p> <p>UTILITIES: 1. WATER : CALIFORNIA AMERICAN WATER CO. 2. ELECTRICAL AND GAS : PACIFIC GAS & ELECTRIC 3. SANITARY SEWER SYSTEM : PEBBLE BEACH COMMUNITY SERVICES DISTRICT</p> <p>GRADING QUANTITIES: CUT/FILL : CUT: 1,360.42 C.Y./ FILL: 493.14 C.Y. = NET: 1,267.28 C.Y.</p> <p>TREE REMOVAL: 1. NO TREES TO BE REMOVED.</p>	ZONING	LDR/1.5-D (CZ)	FLOOR AREA RATIO :	17.5%	MAXIMUM AREA ALLOWED :	1,994.8 SQ. FT.	ZONING	LDR/1.5-D (CZ)	BUILDING SITE COVERAGE:	15%	MAXIMUM AREA ALLOWED :	1,709.8 SQ. FT.	<p>PROJECT INFORMATION</p> <p>OWNER: SCOTT AND CHARLYSE RAVEN 5700 EAST CLARKSON AVENUE SELMA, CA 93662-4644</p> <p>ADDRESS: 3213 WHITMAN LANE PEBBLE BEACH, CA 93953</p> <p>ARCHITECT: ERIC MILLER ARCHITECTS, INC. 211 HOFFMAN AVENUE MONTEREY, CA 93940 PH: 831-372-0410</p> <p>LAND SURVEYOR: BASELINE CONSULTING 1872 MONTE BELLO CASTROVILLE CALIFORNIA 95012 PH: 831-632-0956</p> <p>LANDSCAPE DESIGNER: MICHHELLE COMEAU COMEAU LANDSCAPE DESIGN CARMEL-BY-THE-SEA, CALIFORNIA PH: 831-620-0111</p> <p>CIVIL ENGINEER: LANDSET ENGINEERS, INC 520-B CRAZY HORSE CANYON ROAD SALINAS, CA 95070 PH: 831-443-6910</p> <p>BIOLOGIST: JEFFREY B. FROKE 3156 BIRD BEACH ROAD PEBBLE BEACH, CA 93953 PH: 831-224-8545</p> <p>PROJECT DESCRIPTION: NEW SINGLE FAMILY DWELLING PROPOSED HAVING 4 BEDROOMS, 3 BATHS, AND 2 HALF BATHS. A 1-CAR ATTACHED GARAGE WITH GAR LIFT, FULL BASEMENT, COVERED PATIOS, ENCLOSED COURTYARDS, SUNKEN FIREPIT, AND 265 L.F. OF RETAINING WALLS LESS THAN 6 FEET IN HEIGHT.</p>	<p>SHEET INDEX</p> <p><u>ARCHITECTURAL</u></p> <p>A-0.1 TITLE SHEET 1 of 1 TOPOGRAPHIC SURVEY A-1.1 PROPOSED SITE PLAN A-1.2 CONSTRUCTION MANAGEMENT PLAN</p> <p>A-2.0 PROPOSED BASEMENT FLOOR PLAN A-2.1 PROPOSED FIRST FLOOR PLAN A-2.2 PROPOSED SECOND FLOOR PLAN A-2.3 PROPOSED ROOF PLAN A-2.4 PROPOSED FLOOR AREA DIAGRAMS</p> <p>A-3.1 PROPOSED EXTERIOR ELEVATIONS</p> <p>A-T.1 FRONT RENDERING A-T.2 MATERIAL COLOR SAMPLES</p> <p><u>CIVIL</u></p> <p>C1 COVER SHEET C2 TOPOGRAPHIC MAP/EXISTING CONDITIONS C3 GRADING, DRAINAGE & UTILITY PLAN C4 LOWER FLOOR PLAN - UNDERSLAB DRAIN C5 GRADING SECTIONS C6-SW STORM WATER CONTROL PLAN C7-EC EROSION CONTROL PLAN C8 EROSION CONTROL PLAN</p> <p><u>LANDSCAPE</u></p> <p>L1 LANDSCAPE HARDSCAPE & IRRIGATION PLAN L2 LANDSCAPE PLANTING PLAN L3 LANDSCAPE NOTES</p>
LDR/1.5-D(CZ)	REQUIRED	PROPOSED																															
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<p>LOCATION MAP</p>	<p>VICINITY MAP</p>	<p>PROJECT LOCATION</p>	<p>PROJECT SITE</p>																														

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- CONSTRUCTION NOTES:**
1. CONSTRUCTION VEHICLES SHALL NOT PARK ON WHITMAN LANE OR WHITMAN PLACE. OFF SITE PARKING SHALL BE PROVIDED FOR CONSTRUCTION WORKERS.
 2. LIMITED PARKING SHALL BE AVAILABLE ON THE SITE FOR TEMPORARY ACCESSIBILITY TO THE SITE.
 3. NO CONSTRUCTION SHALL OCCUR DURING MAJOR EVENTS SPECIFIED BY PEBBLE BEACH SUCH AS THE AT&T AND CONCOURSE IN ADDITION TO THE STANDARD PEBBLE BEACH REQUIREMENTS FOR CONSTRUCTION DAYS AND HOURS.
 4. GENERAL CONTRACTOR SHALL WORK WITH NEIGHBORS ON A DAILY BASIS, OR AS REQUIRED.



CONSTRUCTION MANAGEMENT PLAN
SCALE: 1/8" = 1'-0"

REVISION	No.

CONSULTANT:

ARCHITECT
ERIC MILLER ARCHITECTS, INC.
 211 HOFFMAN AVENUE MONTEREY, CA 93940
 PHONE (831) 372-0410 • FAX (831) 372-7840 • WEB: www.ericmillerarchitects.com

CONSTR. MNGMT. PLAN
 JOB NAME: **Raven Residence**
 3213 Whitman Lane
 Pebble Beach, CA
 A.P.N. 009-401-010

DATE: 6/6/17

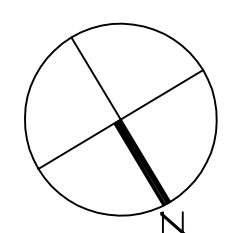
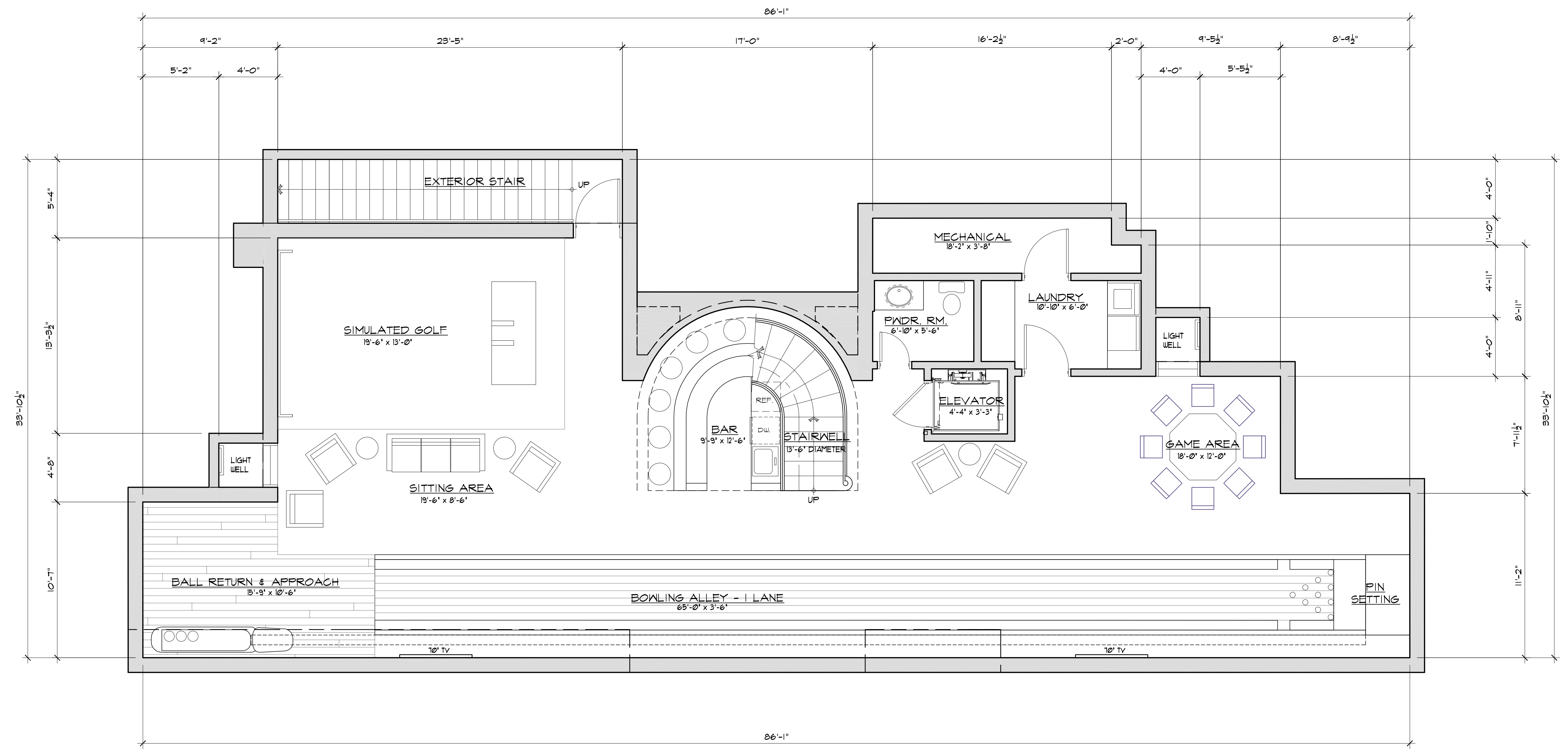
SCALE: 1/8" = 1'-0"

DRAWN: BRW

JOB NUMBER: 15.17

A-1.2
SHEET OF

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

REVISION	No.

CONSULTANT:

ARCHITECT

ERIC MILLER ARCHITECTS, INC.

211 HOFFMAN AVENUE MONTEREY, CA 93940
PHONE (831) 372-0410 • FAX (831) 372-7940 • WEB: www.ericmillerarchitects.com

BASEMENT W/ VARIANCE

JOB NAME: **Raven Residence**
3218 Whitman Lane
Pebble Beach, CA
A.P.N. 009-401-010

DATE: 6/6/17
SCALE: 1/4" = 1'-0"
DRAWN: CJH
JOB NUMBER: 15.17

A-2.0
SHEET OF

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CONSULTANT:

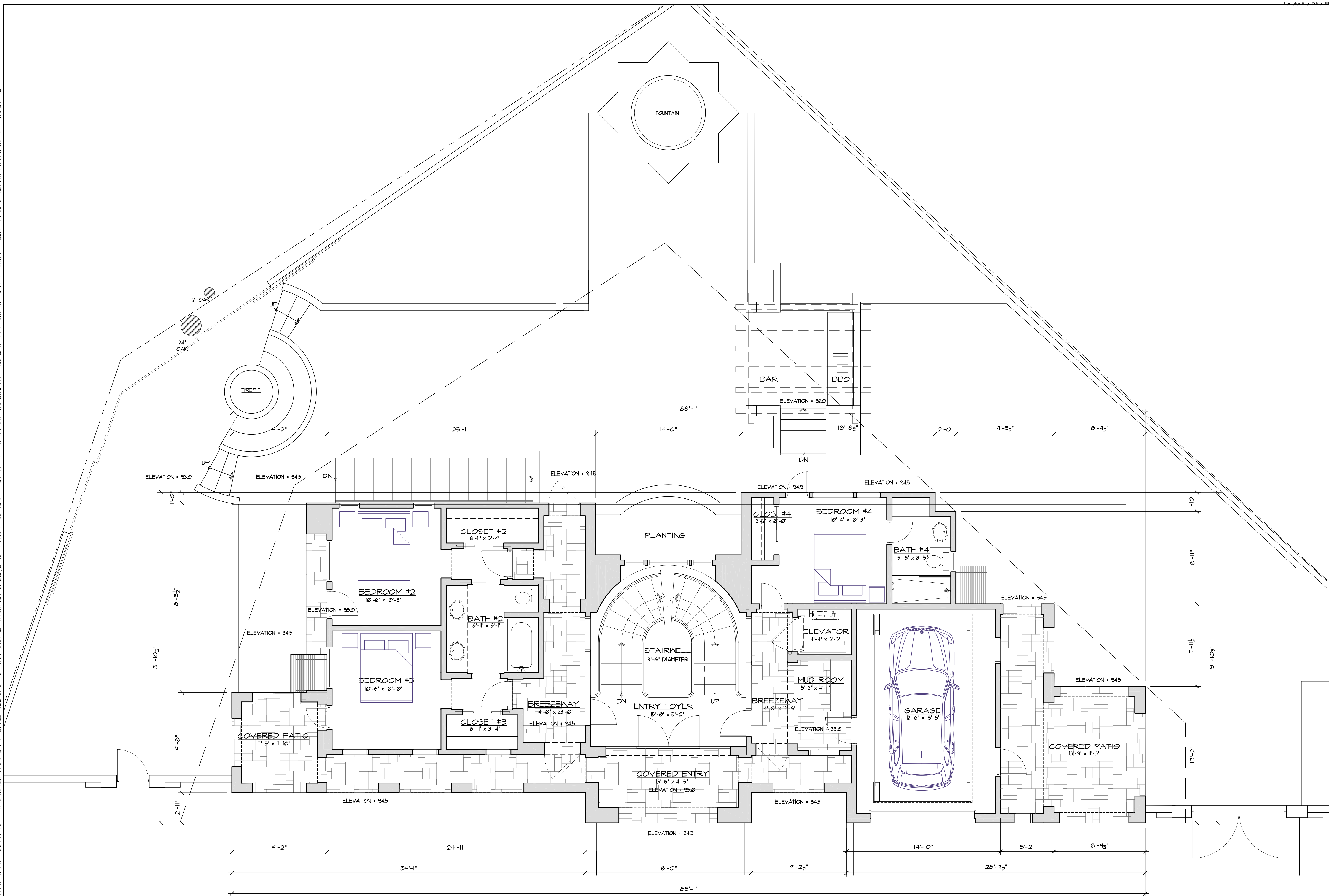
ARCHITECT
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ARCHITECT

FIRST FLOOR VARIANCE
 JOB NAME: **Raven Residence**
 3213 Whitman Lane
 Pebble Beach, CA
 A.P.N. 009-401-010

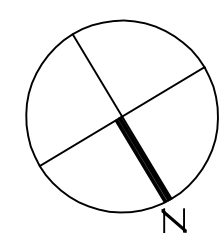
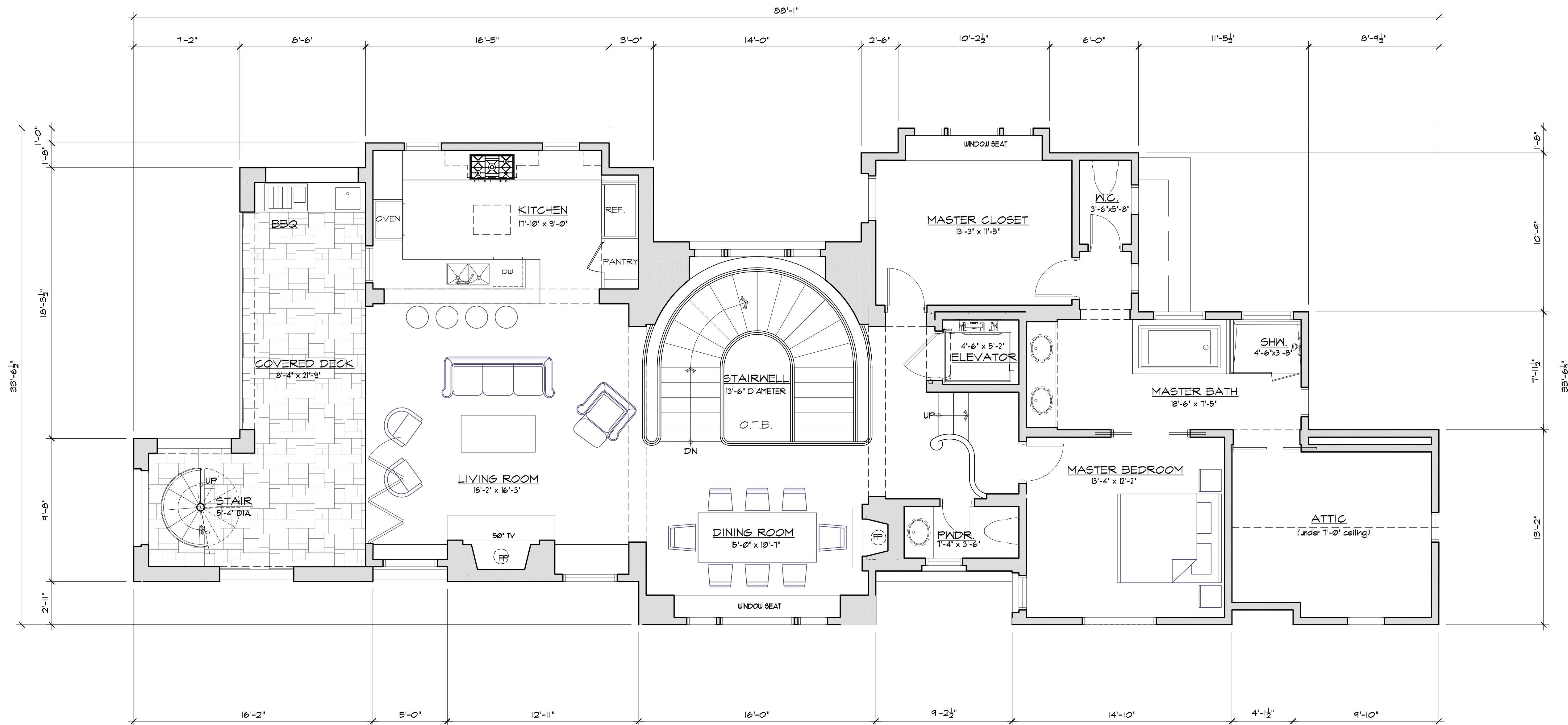
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 DRAWN: BRW
 JOB NUMBER: CJH

A-2.1
 SHEET OF



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

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

REVISION	No.

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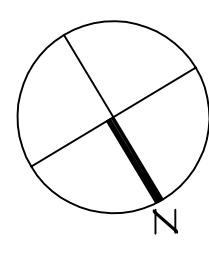
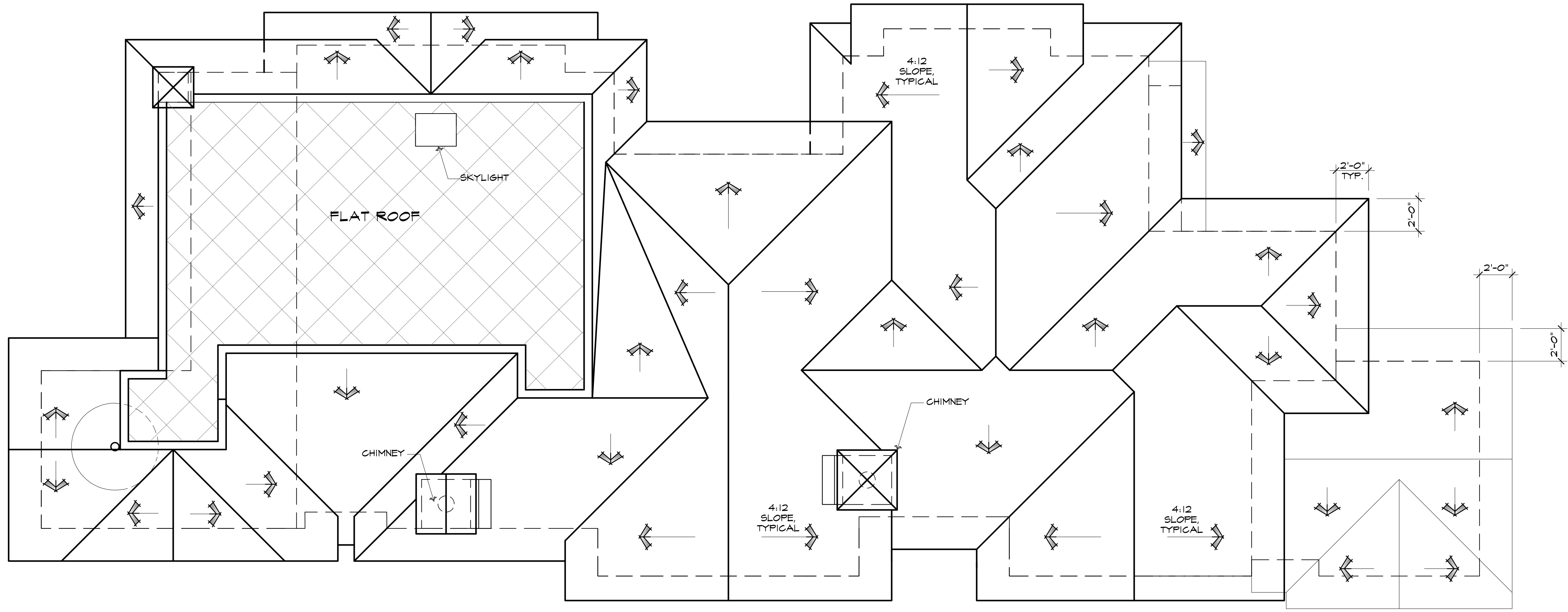
SECOND FLOOR PLAN

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

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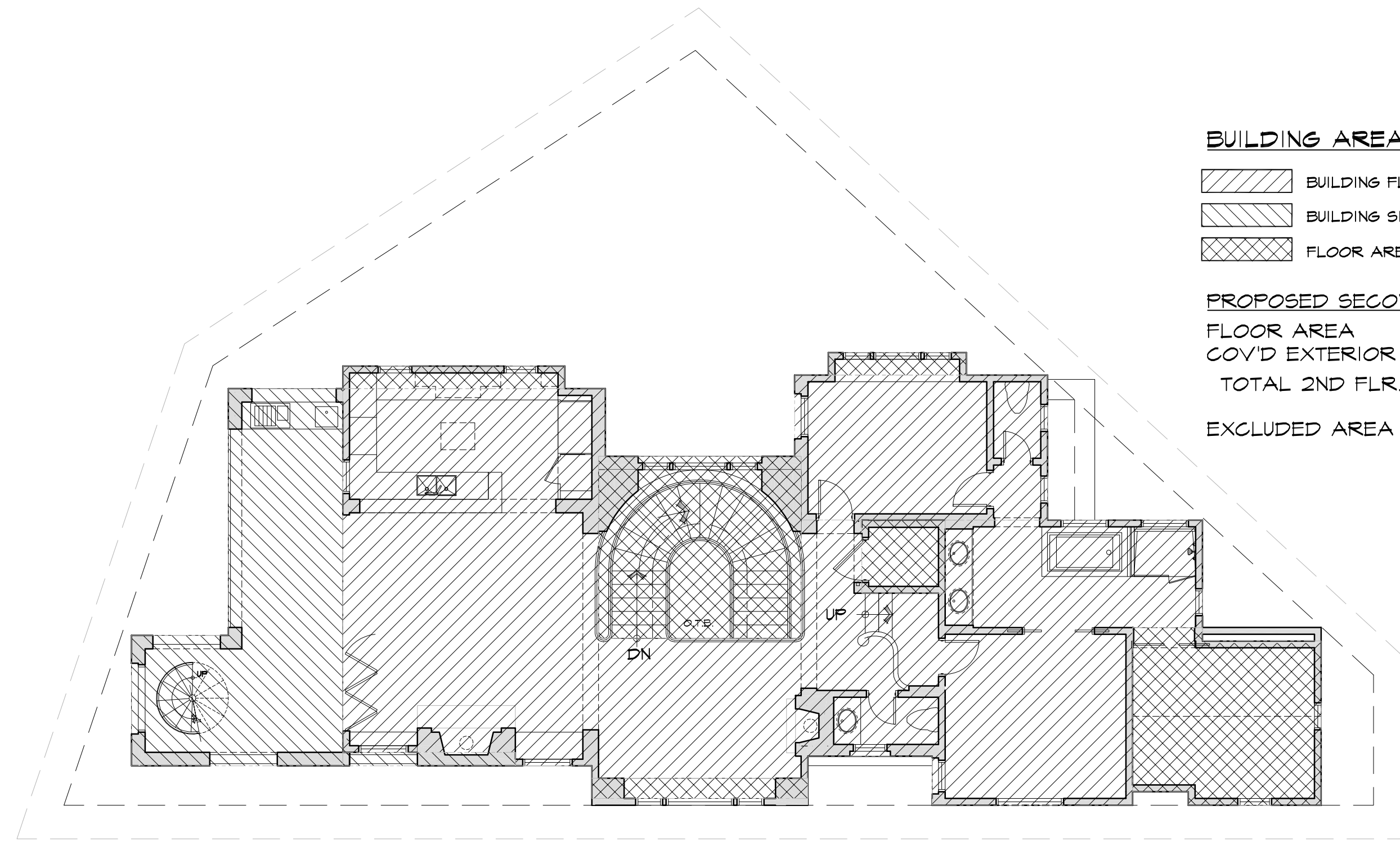
ROOF PLAN

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 3218 Whitman Lane
 Pebble Beach, CA
 A.P.N. 009-401-010

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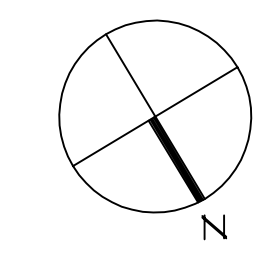


BUILDING AREA INDEX

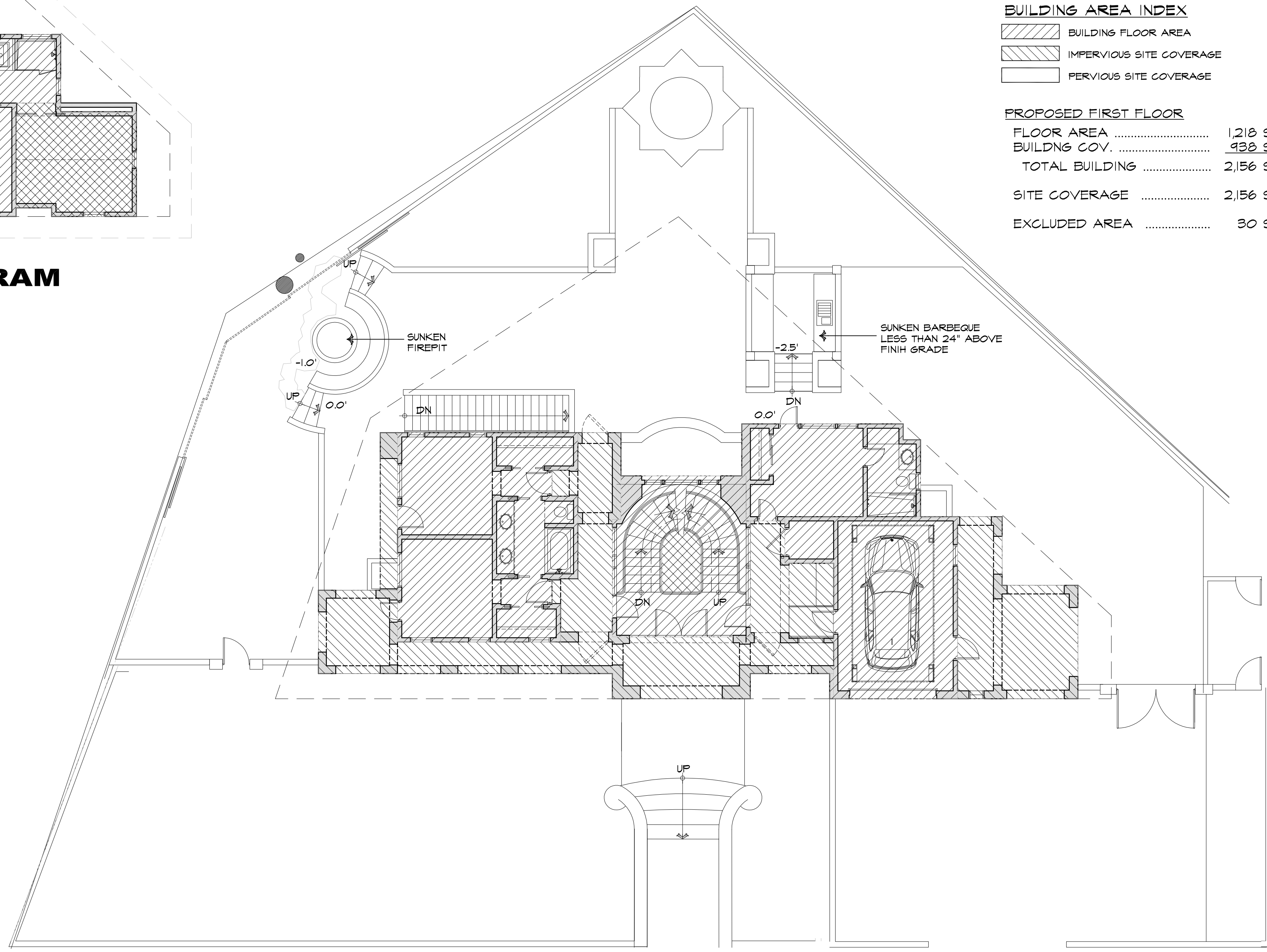
- BUILDING FLOOR AREA
- BUILDING SITE COVERAGE
- FLOOR AREA (EXCLUDED)

PROPOSED SECOND FLOOR

FLOOR AREA	1,386 S.F.
COVID EXTERIOR	306 S.F.
TOTAL 2ND FLR	1,692 S.F.
EXCLUDED AREA	473 S.F.



SECOND FLOOR AREA DIAGRAM
SCALE: 1/8" = 1'-0"

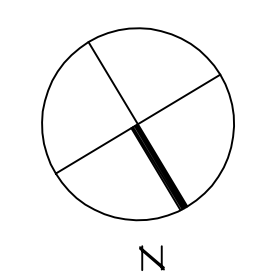


BUILDING AREA INDEX

- BUILDING FLOOR AREA
- IMPERVIOUS SITE COVERAGE
- PERVIOUS SITE COVERAGE

PROPOSED FIRST FLOOR

FLOOR AREA	1,218 S.F.
BUILDNG COV.	938 S.F.
TOTAL BUILDING	2,156 S.F.
SITE COVERAGE	2,156 S.F.
EXCLUDED AREA	30 S.F.



FIRST FLOOR AREA DIAGRAM
SCALE: 1/8" = 1'-0"

REVISION	No.

CONSULTANT:

ARCHITECT

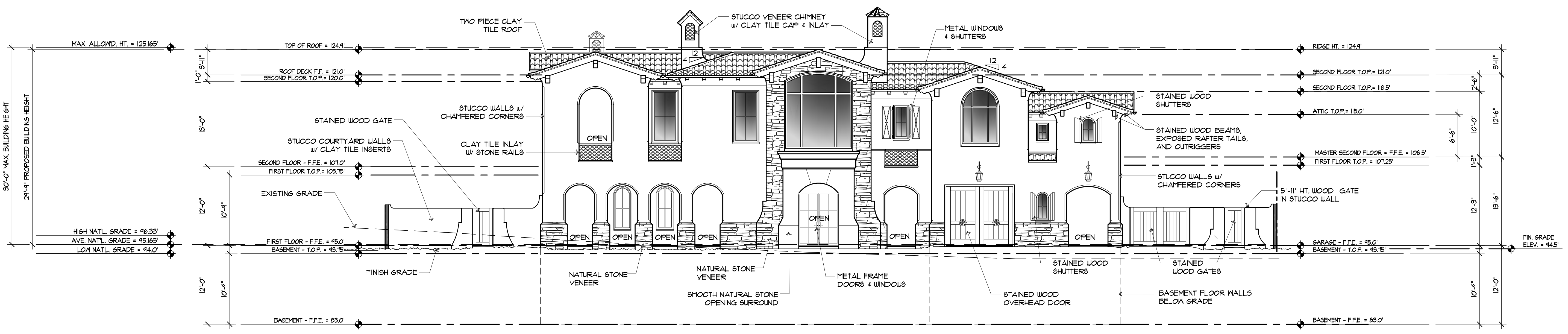
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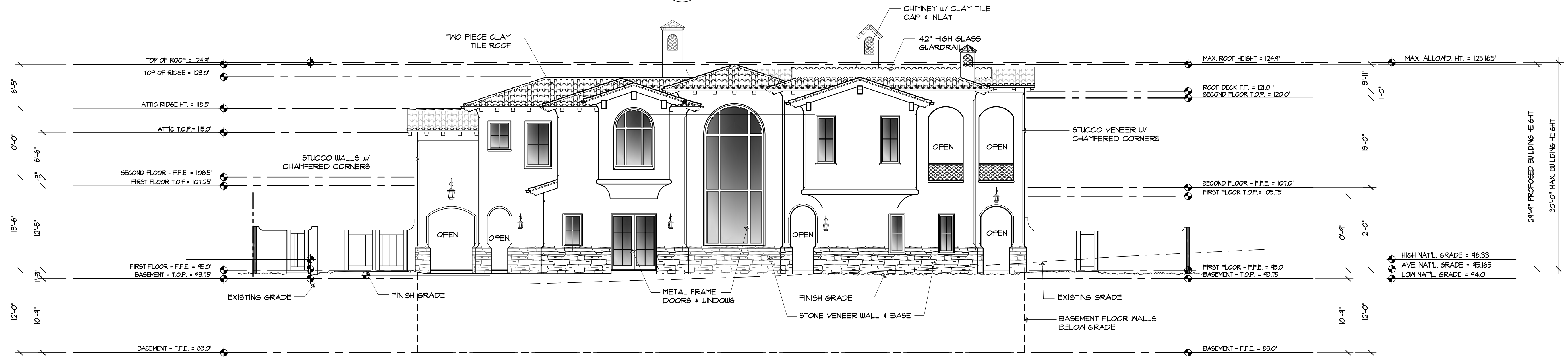
FLOOR AREA DIAGRAM

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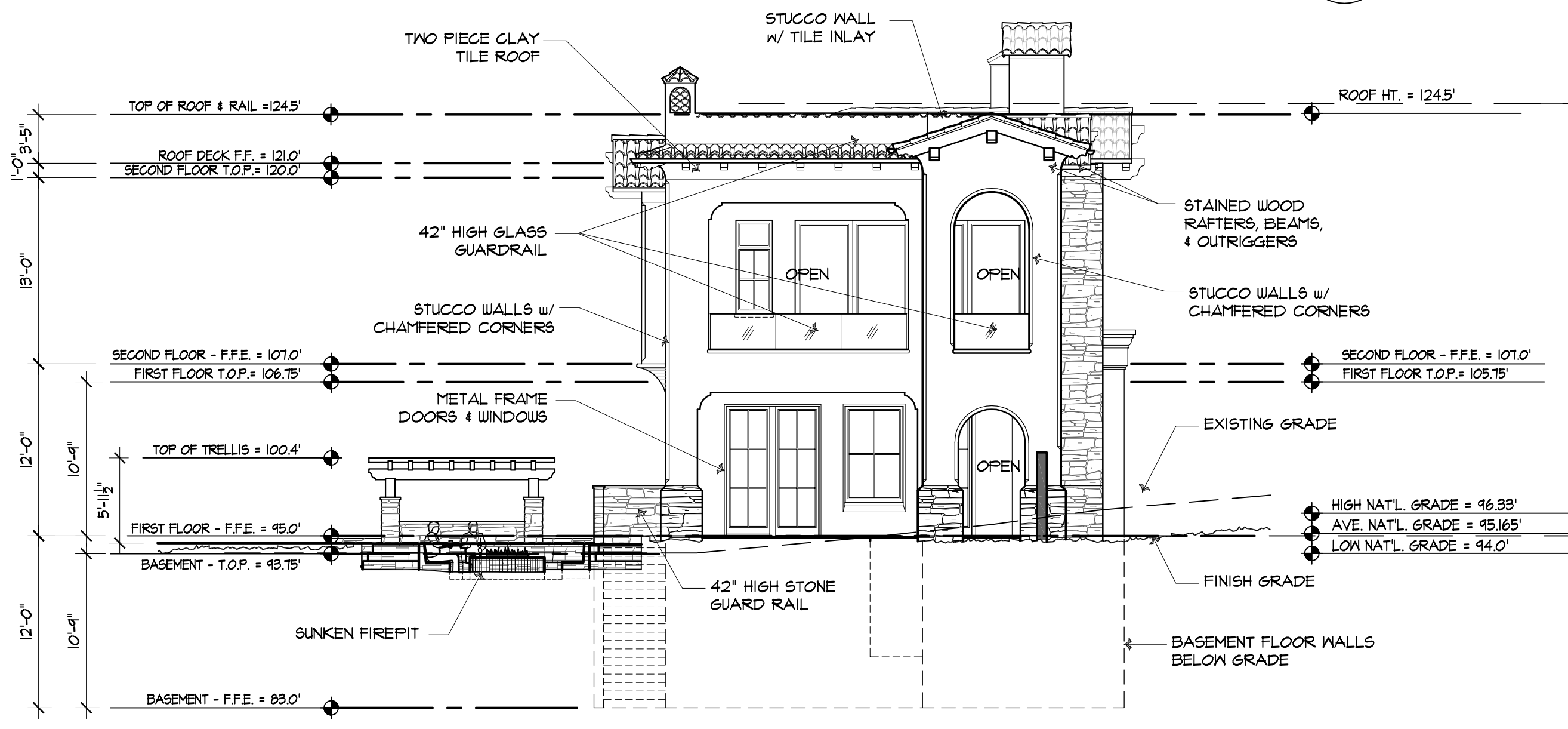
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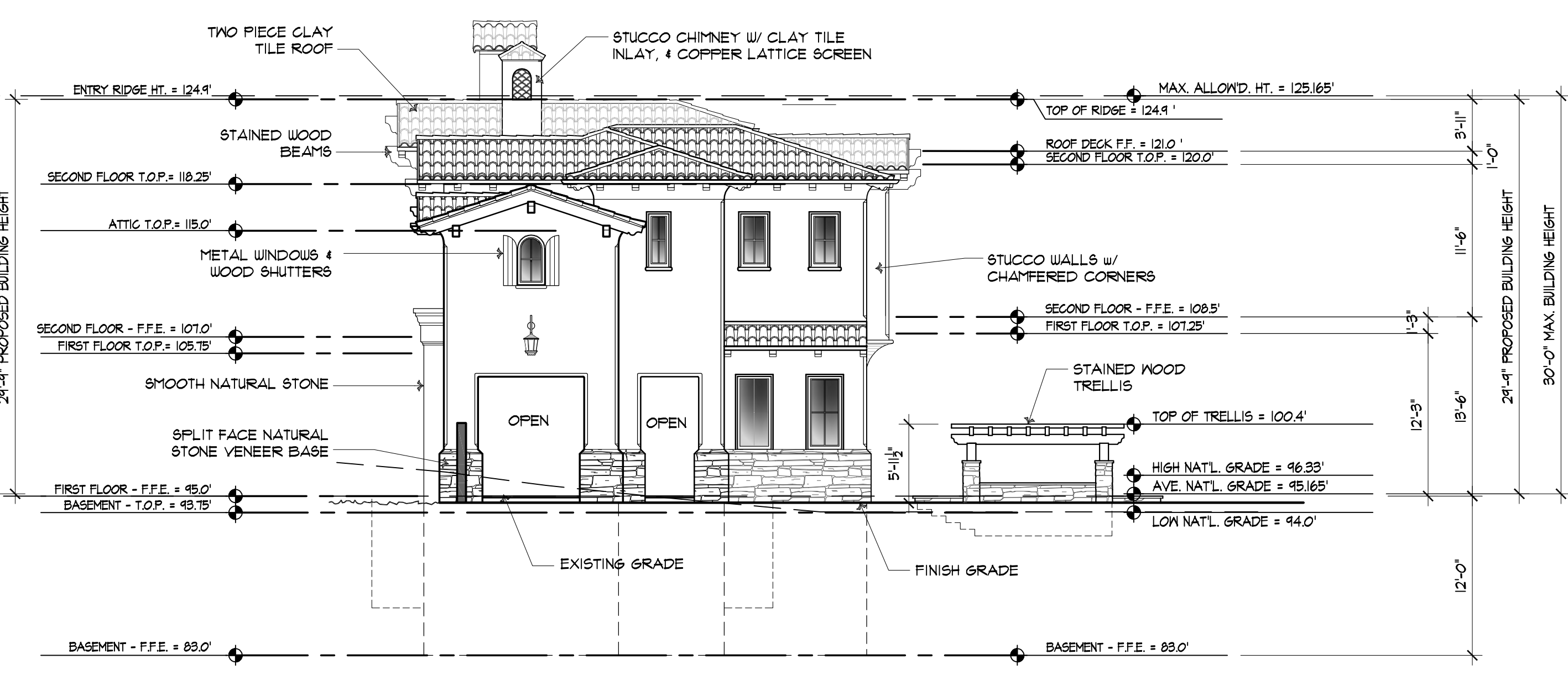
1 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



2 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



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



4 WEST ELEVATION
SCALE: 1/8" = 1'-0"

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ARCHITECT

EXTERIOR ELEVATIONS
 JOB NAME: **Raven Residence**
 3213 Whitman Lane
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FRONT ELEVATION VIEW FROM WHITMAN LANE

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RENDERING

JOB NAME: **Raven Residence**
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 A.P.N. 009-401-010

DATE: 6/06/17
 SCALE: N.T.S.
 DRAWN: C.J.H.
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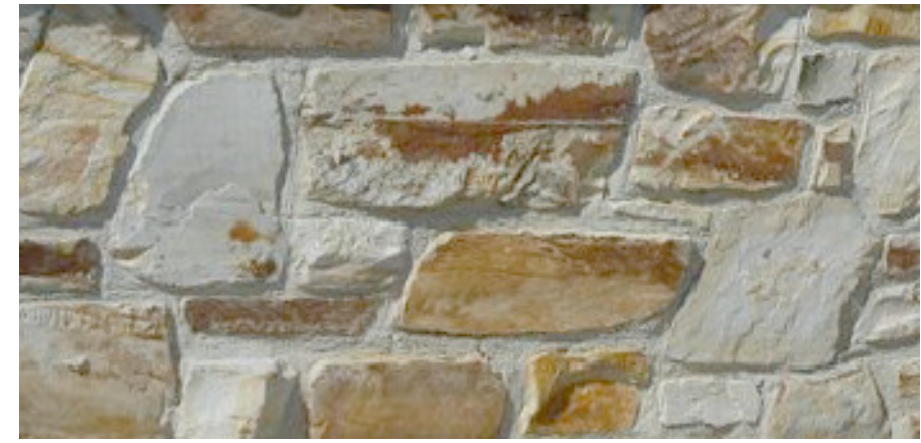
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10 METAL GATE



7 LAMP - 25 WATT
FINISH - BROWN RUST
GLAZING - HEAVY SEEDY
LIGHT SHIELD ON TOP PANELS
EXTERIOR WALL SCONES



4 FOND-DU-LAC RUSTIC
STONE VENEER



1 CLAY TILE
CLAY TILE ROOF



11 CLAY TILE - FLAT LAY
CHIMNEY CAP TILES
GUARD RAIL DETAIL



8 PATH LIGHT - 25W
COPPER FINISH



8 SIDE WALL LIGHT - 25W
COPPER FINISH

8 LANDSCAPE LIGHTING



5 WOOD WINDOWS
& DOORS



2 COPPER GUTTER &
DOWNSPOUT



DRAIN COVER
URBAN ACCESSORIES-OT



TRENCH GRATE
URBAN ACCESSORIES-OT

9 DRAINAGE GRATES



6 WOOD - BROWN STAIN
GARAGE DOOR



3 STUCCO - MEDIUM CAT FACE
EXTERIOR COLORS

12 -

FOR REFERENCE ONLY

REVISION	No.

CONSULTANT:

ARCHITECT

ERIC MILLER ARCHITECTS, INC.

211 HOFFMAN AVENUE MONTEREY, CA 93940
PHONE (831) 372-0410 • FAX (831) 372-7840 • WEB: www.ericmillerarchitects.com

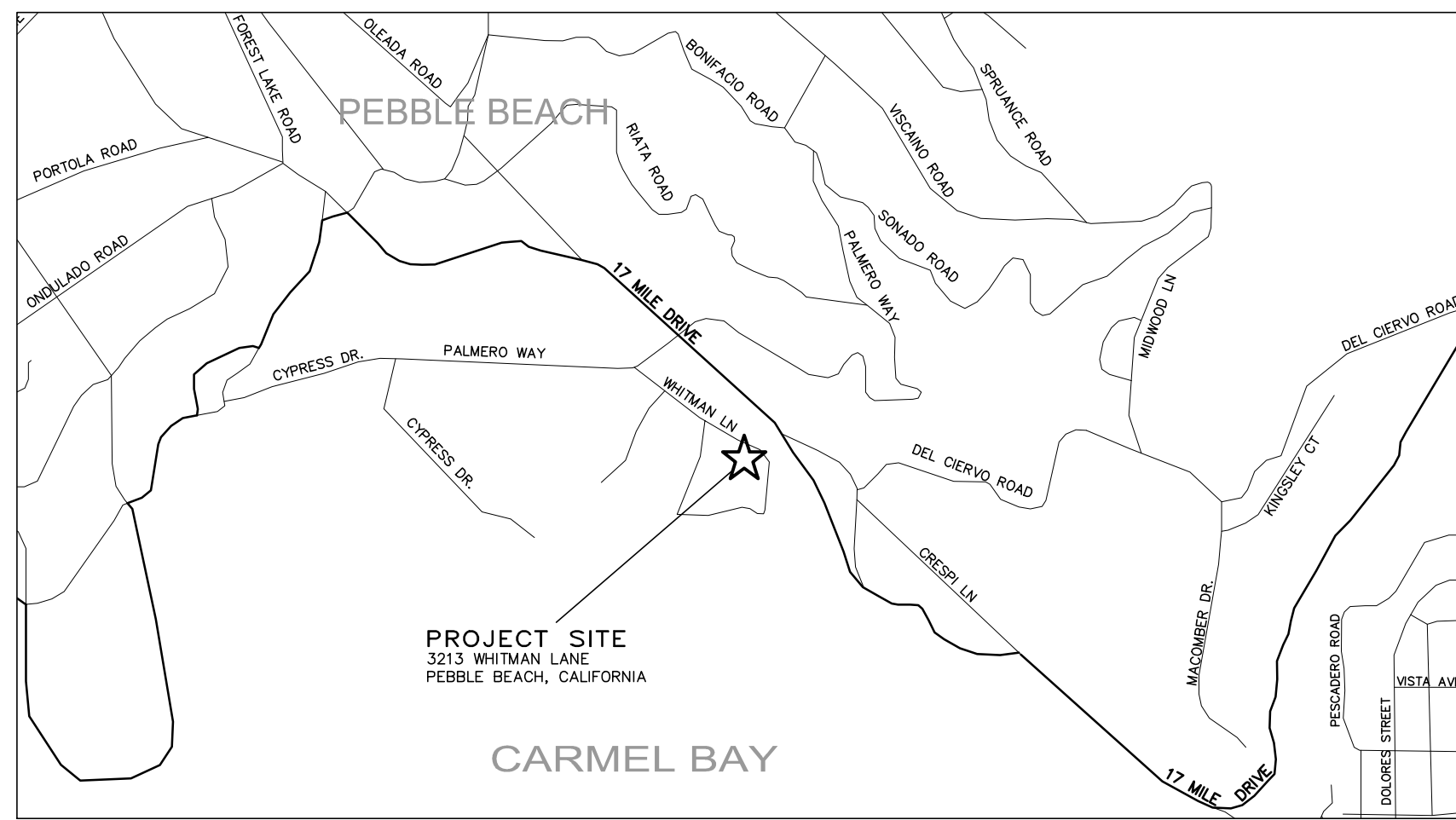
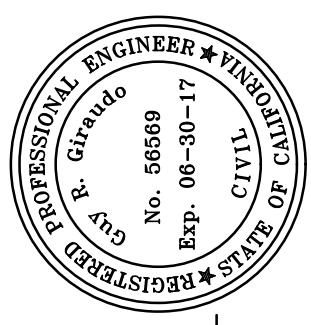
MATERIAL SAMPLES

JOB NAME: **Raven Residence**
3213 Whitman Lane
Pebble Beach, CA
A.P.N. 008-401-010

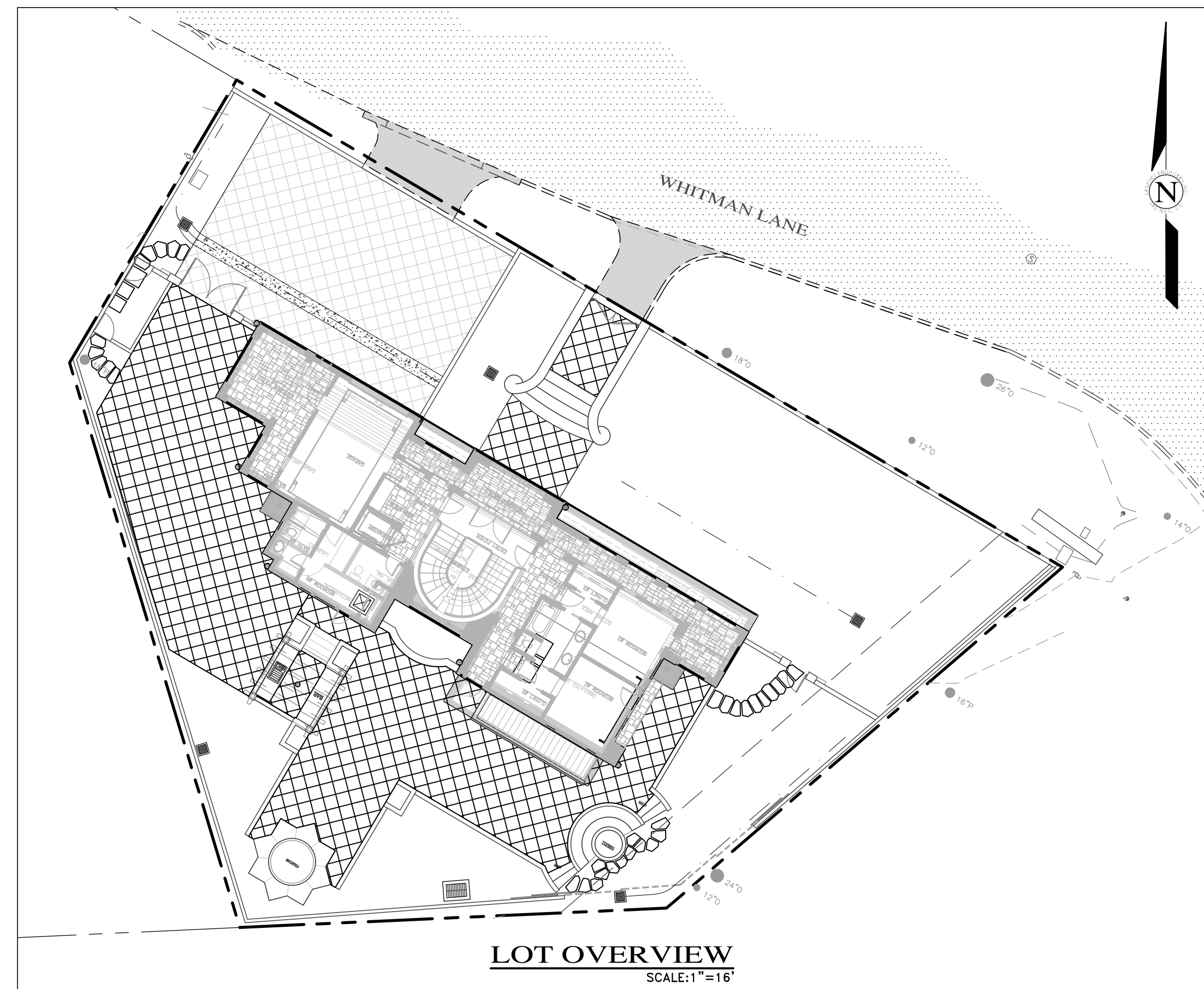
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DRAWN:	CJH
JOB NUMBER:	15.17

GRADING, DRAINAGE, EROSION CONTROL & STORM WATER CONTROL PLANS

OF RAVEN RESIDENCE APN:008-401-010 PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA



VICINITY MAP
NOT TO SCALE



LOT OVERVIEW
SCALE: 1"=16'

LEGEND:

EXISTING:

- PROPERTY LINE
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- SPOT ELEVATION
- ASPHALT CONCRETE SURFACE
- UTILITY POLE, GUY WIRE

NEW:

- MAJOR CONTOUR LINE (5' INTERVAL)
- MINOR CONTOUR LINE (1' INTERVAL)
- DRAINAGE SWALE FLOWLINE
- STORM DRAIN PIPE
- RAIN-WATER LEADER
- SUBDRAIN PIPE
- UNDER-SLAB DRAIN
- SPOT ELEVATION
- ROOF DOWNSPOUT
- ASPHALT CEMENT PAVEMENT
- PORTLAND CEMENT CONCRETE
- STONE PAVER SURFACE

NOTE: PRIOR TO FINAL INSPECTION, THE OWNER/APPLICANT SHALL PROVIDE CERTIFICATION FROM THE PROJECT GEOTECHNICAL ENGINEER THAT ALL DEVELOPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE PROJECT SOIL ENGINEERING INVESTIGATION.

GEOTECHNICAL INSPECTION SCHEDULE

Inspection item:	Who will conduct the inspection:	When the inspection is to be completed:	Inspection completed by:	Date completed:
Site stripping and clearing	LandSet Engineers, inc.	Beginning of Project		
Subexcavation, fill placement, and compaction	LandSet Engineers, inc.	Throughout grading operations		
Foundation Excavations	LandSet Engineers, inc.	Prior to placement of forms and reinforcing steel		
Surface and subsurface drainage improvements	LandSet Engineers, inc.	Prior to trench backfill		
Utility trench compaction	LandSet Engineers, inc.	During backfill operations		
Retaining wall backfill compaction	LandSet Engineers, inc.	During backfill operations		
Baserock subgrade compaction	LandSet Engineers, inc.	Prior to pavement installation		

GENERAL NOTES:

- PROJECT DESIGN BASED ON INFORMATION PROVIDED AND SHOWN ON THE SITE PLAN FOR THE RAVEN RESIDENCE, SHEET A1.0 PREPARED BY ERIC MILLER ARCHITECTS, DATED 05/16/17, AND THE BASE TOPOGRAPHIC INFORMATION PREPARED BY OTHERS.
- NOT ALL UNDERGROUND UTILITIES WERE LOCATED. ONLY VISIBLE FACILITIES ABOVE AND FLUSH WITH THE SURFACE ARE SHOWN. SUB-SURFACE UTILITY LINES DRAWN MAY NOT BE COMPLETE AND SHOULD BE VERIFIED BY FIELD RECONNAISSANCE. UNDERGROUND UTILITY LOCATIONS CAN BE OBTAINED FROM THE APPROPRIATE UTILITY COMPANIES, PUBLIC AGENCIES, OWNER'S AS-BUILT DRAWINGS, ETC., AND SHOULD BE THOROUGHLY COMPILED AND DEEMED COMPLETE WITH THE PROJECT AREA, PRIOR TO ANY SITE DEVELOPMENT DESIGN AND/OR CONSTRUCTION.
- THIS MAP PORTRAYS THE SITE AT THE TIME OF THE SURVEY AND DOES NOT SHOW SOILS OR GEOLOGY INFORMATION, UNDERGROUND CONDITIONS, EASEMENTS, ZONING OR REGULATORY OR ANY OTHER ITEMS NOT SPECIFICALLY REQUESTED BY THE PROPERTY OWNER.
- THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY.

GRADING & DRAINAGE NOTES:

- ALL GRADING SHALL CONFORM TO THE MONTEREY COUNTY GRADING ORDINANCE AND EROSION CONTROL ORDINANCE, THE RECOMMENDATIONS FOUND IN THE PROJECT SOIL'S ENGINEERING INVESTIGATION PREPARED BY LANDSET ENGINEERS, INC. PROJECT No. 1520-02, DATED JAN. 11, 2016, THE LATEST VERSION OF THE CALTRANS SPECIFICATIONS, THE GOVERNING PUBLIC AGENCIES, THE LATEST REVISION OF THE CALIFORNIA BUILDING CODE (CBC) AND THESE PLANS.
- SURFACE ORGANICS SHALL BE STRIPPED AND STOCKPILED FOR LATER USE AS TOPSOIL MATERIAL. ACTUAL GRADING SHALL BEGIN WITHIN 30 DAYS OF VEGETATION REMOVAL OR THE AREA SHALL BE PLANTED TO CONTROL EROSION.
- NO ORGANIC MATERIAL SHALL BE PERMITTED IN FILLS EXCEPT AS TOPSOIL USED FOR SURFACE PLANT GROWTH ONLY AND WHICH DOES NOT EXCEED 4" IN DEPTH.
- THERE ARE APPROXIMATELY 1,360 C.Y. OF CUT AND 95 C.Y. OF FILL WITH A SURPLUS OF 1,265 C.Y. EXCAVATION SHALL BE USED FOR EMBANKMENT CONSTRUCTION, LANDSCAPE PURPOSES AND/OR HAULED OFF-SITE. ADDITIONAL ON-SITE SPOILS GENERATED FROM FOUNDATIONS, UTILITY TRENCHES, SEPTIC CONSTRUCTION, ETC. IS NOT INCLUDED IN THE ABOVE REFERENCED QUANTITIES. IMPORT MATERIAL SHALL MEET THE REQUIREMENTS OF SELECT STRUCTURAL FILL AS NOTED IN THE SOIL'S REPORT AND BE APPROVED BY THE SOILS ENGINEER PRIOR TO PLACEMENT.
- EMBANKMENT MATERIAL SHALL BE PLACED IN 8" LOOSE LIFTS, MOISTURE CONDITIONED, AND COMPACTED TO 90% MIN. REL. COMPACTION. ALL BASEROCK AND THE UPPER 12" OF SUBGRADE SHALL BE COMPACTED TO 95% MIN. REL. COMPACTION.
- ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER. STEEPER SLOPES MAY BE ALLOWED ONLY WITH THE PERMISSION OF THE SOIL'S ENGINEER.
- PAD ELEVATIONS SHALL BE CERTIFIED TO 0.10', PRIOR TO DIGGING ANY FOOTINGS OR SCHEDULING ANY INSPECTIONS.
- DUST FROM GRADING OPERATIONS MUST BE CONTROLLED. CONTRACTOR SHALL PROVIDE ADEQUATE WATER TO CONTROL DUST DURING AND FOR GRADING OPERATIONS.
- A COPY OF ALL COMPACTION TESTS AND FINAL GRADING REPORT SHALL BE SUBMITTED TO THE COUNTY OF MONTEREY PLANNING AND BUILDING INSPECTION DEPARTMENT AT SCHEDULED INSPECTIONS.
- THE GROUND IMMEDIATELY ADJACENT TO FOUNDATIONS SHALL BE SLOPED AWAY FROM THE BUILDING AT 5% FOR A MINIMUM DISTANCE OF 10 FEET. IF PHYSICAL OBSTRUCTIONS OR LOT LINES PROHIBIT 10 FOOT OF HORIZONTAL DISTANCE, A 5% SLOPE SHALL BE PROVIDED TO AN APPROVED ALTERNATIVE METHOD OF DIVERTING WATER AWAY FROM THE FOUNDATION. SWALES USED FOR THIS PURPOSE SHALL BE SLOPED AT A MINIMUM OF 1% WHERE LOCATED WITHIN 5 FEET OF THE BUILDING FOUNDATION. IMPERVIOUS SURFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED AT A MINIMUM OF 2% AWAY FROM THE BUILDING.
- ROOF DRAINAGE SHALL BE CONTROLLED BY GUTTER AND DOWN SPOUTS AND CONNECTED INTO RAIN WATER LEADERS WHICH OUTLET INTO CATCH BASINS AND DISCHARGED TO AN UNDERGROUND DETENTION PIPE SYSTEM. RAIN WATER LEADERS SHALL BE 4" PVC-SDR 35 PIPE, HAVE A MINIMUM SLOPE OF 1% AND A MINIMUM COVER OF 12". THE RAIN WATER LEADER TRENCHES SHOULD HAVE THEIR BEARING SURFACES FOUNDED BELOW AN IMAGINARY 1:1 (HORIZONTAL TO VERTICAL) LANE PROJECTED UPWARD FROM THE BOTTOM EDGE OF THE BUILDING FOOTINGS.
- STORM WATER (SURFACE RUNOFF) SHALL BE COLLECTED BY A COMBINATION OF AREA DRAINS AND DRAINAGE SWALES OUTLETTING ONTO AN UNDERGROUND DETENTION PIPE SYSTEM.
- SUBSURFACE DRAINAGE FOR FOUNDATIONS & UNDERSLAB IS REQUIRED AND WILL BE COLLECTED AND PIPED TO A SUMP (CHRISTY BOX U23) LOCATED IN THE MECHANICAL ROOM AND PUMPED UP TO EXISTING GROUND LEVEL (WHITMAN LN.) AND SHALL REMAIN INDEPENDENT OF THE SURFACE RUNOFF.
- THE STORM DRAIN FACILITIES SHALL BE AS SHOWN ON THE PLANS. CATCH BASINS SHALL BE CHRISY PRODUCTS V12 WITH CAST IRON GRATE OR APPROVED EQUAL. THE LOWER SUMP PUMP SHALL BE U22 AND THE STORM DRAIN LIFT STA. SHALL BE U32. THE STORM DRAIN PIPE SHALL BE P.V.C. MIN. SDR 35.

- ALL NEW UTILITY AND DISTRIBUTION LINES SHALL BE PLACED UNDERGROUND.
- UTILITY TRENCHES WITHIN THE BUILDING PAD OR ANY NEW PAVED AREAS SHALL BE BACKFILLED WITH CLEAN, IMPORTED SAND AND THE TRENCH BACKFILL SHALL BE COMPACTED TO 95% MIN. REL. COMPACTION. THE TOP 8" OF TRENCH SHALL BE CAPPED WITH NATIVE SOIL. IN NON-PAVED AREAS NATIVE BACKFILL SHALL BE USED AND COMPACTED TO 90% MIN. REL. COMPACTION.
- ALL WORK IS SUBJECT TO APPROVAL BY THE PUBLIC WORKS SUPERINTENDENT INSPECTION AND ACCEPTANCE.
- NO LAND DISTURBING OR GRADING SHALL OCCUR ON THE SUBJECT PARCEL BETWEEN OCTOBER 15 AND APRIL 15 UNLESS AUTHORIZED BY THE DIRECTOR OF RMA - BUILDING SERVICES.
- SPECIAL INSPECTIONS, BY A SPECIAL INSPECTOR, ARE REQUIRED DURING FILL PLACEMENT AND THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT.
- THE LOCATION, HEIGHT AND THE PLATE HEIGHTS OF THE NEW STRUCTURE MUST BE CERTIFIED BY A SURVEYOR TO BE IN CONFORMANCE WITH THE APPROVED PLANS.
- IF DURING THE COURSE OF CONSTRUCTION, CULTURAL, ARCHAEOLOGICAL, HISTORICAL OR PALEONTOLOGICAL RESOURCES ARE UNCOVERED AT THE SITE (SURFACE OR SUBSURFACE RESOURCES) WORK SHALL BE HALTED IMMEDIATELY WITHIN 50 METERS (165 FEET) OF THE FIND UNTIL A QUALIFIED PROFESSIONAL ARCHAEOLOGIST CAN EVALUATE IT. MONTEREY COUNTY RMA - PLANNING AND A QUALIFIED ARCHAEOLOGIST SHALL BE IMMEDIATELY CONTACTED BY THE RESPONSIBLE INDIVIDUAL PRESENT ON-SITE. WHEN CONTACTED, THE PROJECT PLANNER AND THE ARCHAEOLOGIST SHALL IMMEDIATELY VISIT THE SITE TO DETERMINE THE EXTENT OF THE RESOURCES AND TO DEVELOP PROPER MITIGATION MEASURES REQUIRED FOR RECOVERY.
- TO MITIGATE ANY POTENTIAL ADVERSE IMPACTS TO NEIGHBORING PROPERTIES LOCATED DOWNSTREAM OF THE DEVELOPMENT, ALL DRAINAGE UP TO THE 100-YR STORM EVENT SHALL BE ROUTED TO AN ON-SITE SUBSURFACE PIPE DETENTION FACILITY. THE STORMWATER WILL BE PUMPED TO STREET LEVEL (WHITMAN LN.) AT THE 10-YR PRE-DEVELOPED RATE AND CONNECTED INTO THE ROADWAY CATCH BASIN LOCATED TO THE SOUTHEAST OF THE PROPERTY WHICH OUTLETS INTO THE NATURAL DRAINAGE RAVINE.

INDEX TO SHEETS

SHEET C1	COVER SHEET
SHEET C2	TOPOGRAPHIC MAP / EXISTING CONDITIONS
SHEET C3	GRADING, DRAINAGE & UTILITY PLAN
SHEET C4	LOWER FLOOR PLAN - UNDERSLAB DRAIN
SHEET C5	GRADING SECTIONS
SHEET C6-SW	STORM WATER CONTROL PLAN
SHEET C7-EC	EROSION CONTROL PLAN
SHEET C8	STANDARD PLANS & CONSTRUCTION DETAILS

EROSION & SEDIMENT CONTROL NOTES:

- ALL EROSION CONTROL MEASURES SHALL CONFORM WITH THE COUNTY OF MONTEREY EROSION CONTROL ORDINANCE.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN EFFECT FOR ANY CONSTRUCTION DURING THE RAINY SEASON, APPROX. OCTOBER 15 TO APRIL 15. EROSION CONTROL PLAN SHALL BE PREPARED AND SUBMITTED FOR APPROVAL BY SEPT. 15 OF ANY OR EACH CALENDAR YEAR THAT CONSTRUCTION MAY EXTEND BEYOND OCTOBER 15.
- ALL SLOPES SHALL BE PROTECTED WITH STRAW MULCH OR SIMILAR MEASURES TO PROTECT AGAINST EROSION UNTIL SUCH SLOPES ARE PERMANENTLY STABILIZED.
- RUNOFF SHALL BE DETAINED OR FILTERED BY BERMS, VEGETATED FILTER STRIPS, AND/OR CATCH BASINS TO PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AT THE END OF EACH DAY'S WORK.
- EROSION CONTROL PLANTINGS AND MULCH SHALL BE CLOSELY MONITORED THROUGHOUT THE WINTER AND ANY RUNOFF PROBLEMS CORRECTED PROMPTLY. SEE LANDSCAPE ARCHITECT'S PLAN FOR PERMANENT PLANTINGS AND TREE SCHEDULES.
- DISTURBED SURFACES NOT INVOLVED IN THE IMMEDIATE GRADING OPERATIONS MUST BE PROTECTED BY MULCHING AND/OR OTHER EFFECTIVE MEANS OF SOIL PROTECTION.
- ALL ROADS AND DRIVEWAYS SHALL HAVE DRAINAGE FACILITIES SUFFICIENT TO PREVENT EROSION ON OR ADJACENT TO THE ROADWAY OR ON THE DOWNHILL PROPERTIES.
- DRAINAGE CONTROL MEASURES SHALL BE MAINTAINED AND IN PLACE AT THE END OF EACH DAY AND CONTINUOUSLY THROUGHOUT THE LIFE OF THE PROJECT DURING WINTER OPERATIONS.
- REVEGETATION SHALL CONSIST OF A MECHANICALLY APPLIED HYDROMULCH SLURRY OR HAND SEEDING WITH A STRAW MULCH COVER. MULCH SHALL BE ANCHORED BY AN APPROVED METHOD SUCH AS PUNCHING, TACKING, OR THE USE OF JUTE NETTING, AS DEEMED NECESSARY FOR THE SITE CONDITIONS TO ALLOW FOR GERMINATION AND ENABLE ADEQUATE GROWTH TO BE ESTABLISHED.
- CHECK DAMS, SILT FENCES, FIBER ROLLS OR OTHER DESIGNS SHALL BE INCORPORATED TO CATCH ANY SEDIMENT UNTIL AFTER THE NEWLY EXPOSED AREAS ARE REVEGETATED SUFFICIENTLY TO CONTROL EROSION. EROSION CONTROL PLANTINGS AND MULCH SHALL BE CLOSELY MONITORED THROUGHOUT THE WINTER AND ANY RUNOFF PROBLEMS SHALL BE CORRECTED PROMPTLY. ALL EROSION AND/OR SLIPPAGE OF THE NEWLY EXPOSED AREAS SHALL BE REPAIRED BY THE PERMITEE AT THEIR EXPENSE.
- THE GRASS SEED SHALL BE PROPERLY IRRIGATED UNTIL ADEQUATE GROWTH IS ESTABLISHED AND MAINTAINED TO PROTECT THE SITE FROM FUTURE EROSION DAMAGE. ALL NEWLY EXPOSED (DISTURBED) AREAS SHALL BE SEED WITH THE FOLLOWING EROSION CONTROL MIX: BROMUS CARINATUS (CALIFORNIA BROME), VULPIA MICROSTACHYS (NUTTALL'S FESCUE), ELYMUS GLAUCUS (BLUE WILD RYE), HORDEUM BRACHYANTHERUM (MEADOW BARLEY), FESTUCA RUNRA/MOLATE BLUE AND A MIXTURE OF LOCALLY NATIVE WILDFLOWERS.
- THE DIRECTOR OF BUILDING INSPECTION (BUILDING OFFICIAL) SHALL STOP OPERATIONS DURING PERIODS OF INCLEMENT WEATHER IF HE OR SHE DETERMINES THAT EROSION PROBLEMS ARE NOT BEING CONTROLLED ADEQUATELY.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL BMP INSTALLATION AND MAINTENANCE AND SHALL PROVIDE FULL PARTICULARS TO COUNTY RMA-ENVIRONMENTAL SERVICES PRIOR TO BEG. WORK.

CONTACT INFORMATION:

PRIMARY: OWNER
MR. & MRS. SCOTT AND CHARLYSE RAVEN
5700 EAST CLARKSON AVENUE
SELMA, CA 95662

SECONDARY: ARCHITECT
ERIC MILLER ARCHITECTS, INC.
ATTN: MS. CARLA HASHIMOTO
211 HOFFMAN AVE.
MONTEREY, CA 93940
PH (831)372-0410 (7840)

SITE LOCATION:
3213 WHITMAN LANE
PEBBLE BEACH, CA 93950

06/02/17	AMS	ARCH'S NEW SITE PLAN	
06/30/16	AMS	ARCH'S NEW SITE PLAN	
05/25/16	AMS	RELEASED TO CLIENT	
05/10/16	AMS	CONCEPTUAL G.D. & S.W.C. PLAN	
No.	DATE	BY	REVISION

GRADING, DRAINAGE, EROSION CONTROL & STORM WATER CONTROL PLANS
 OF
RAVEN RESIDENCE
 A.P.N.: 008-401-010
 PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA
 FOR
 MR. & MRS. SCOTT AND CHARLYSE RAVEN

"PRELIMINARY" "COVER SHEET"



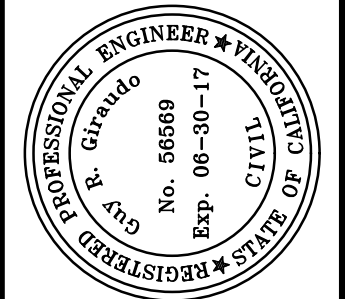
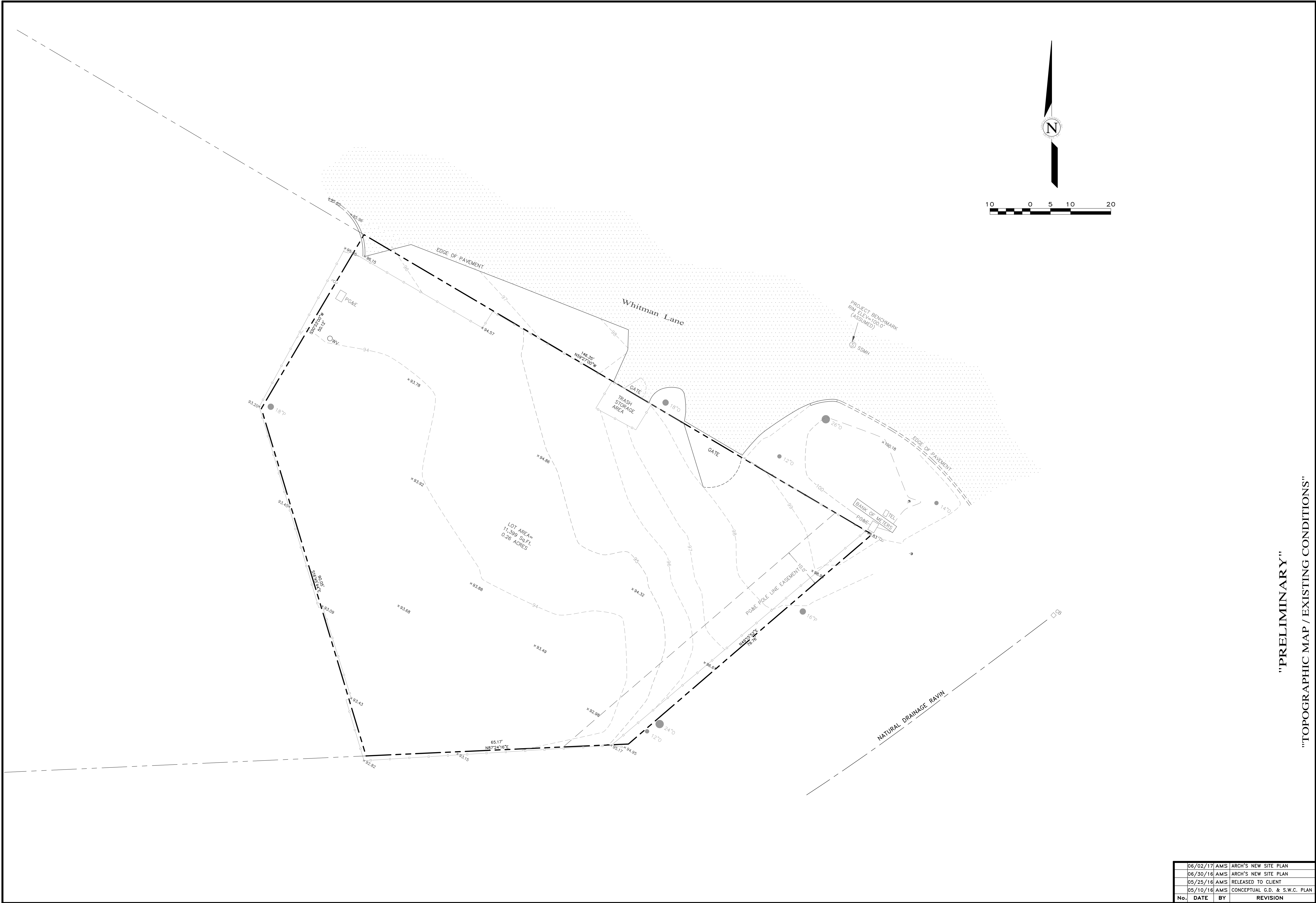
APPROVED BY:

GUY R. GIRAUDO

SCALE: AS SHOWN
DATE: APRIL 2016
JOB NO. 1520-01

SHEET **C1**

OF 8 SHEETS



APPROVED BY:
GUY R. GIRAUDO

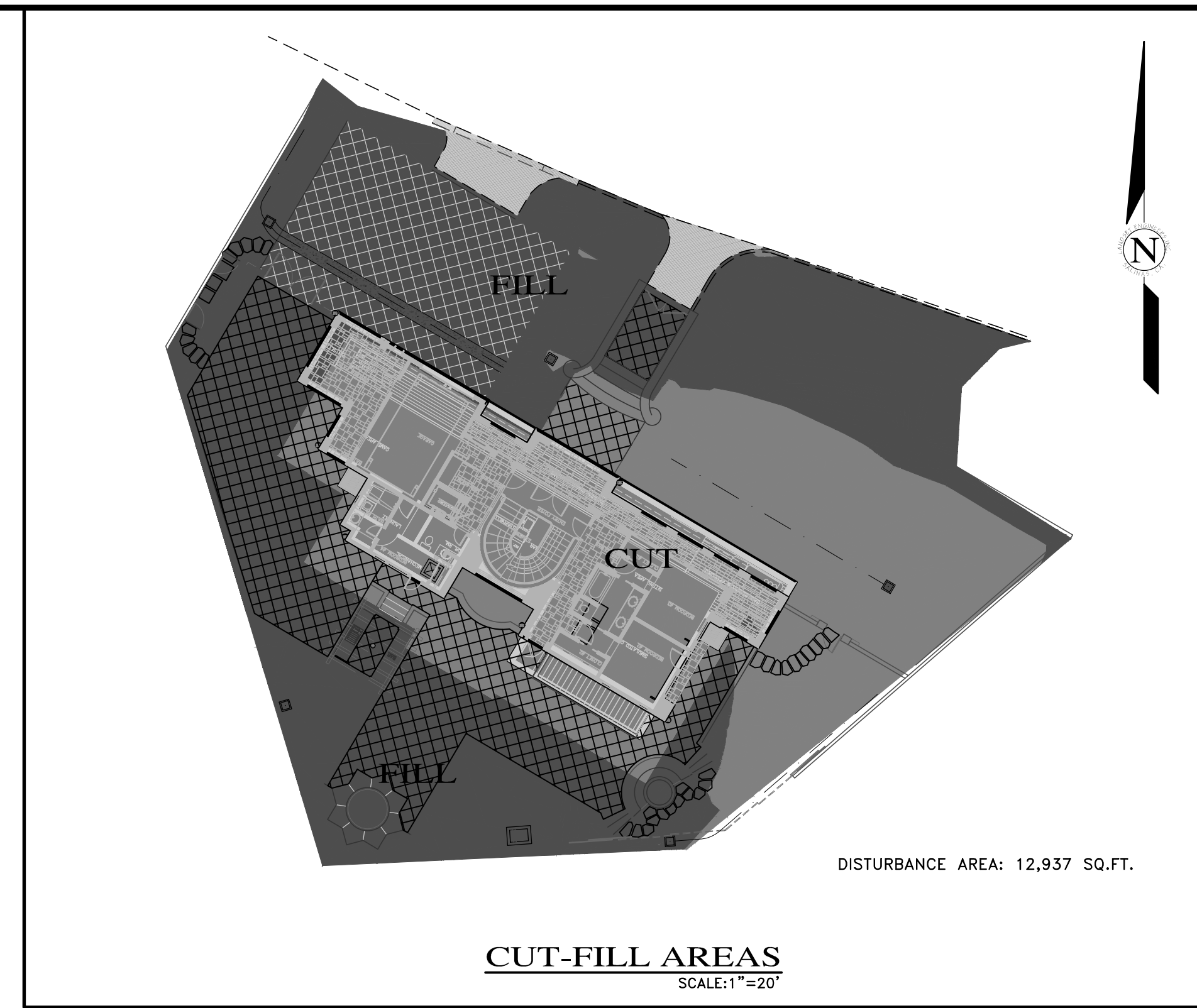
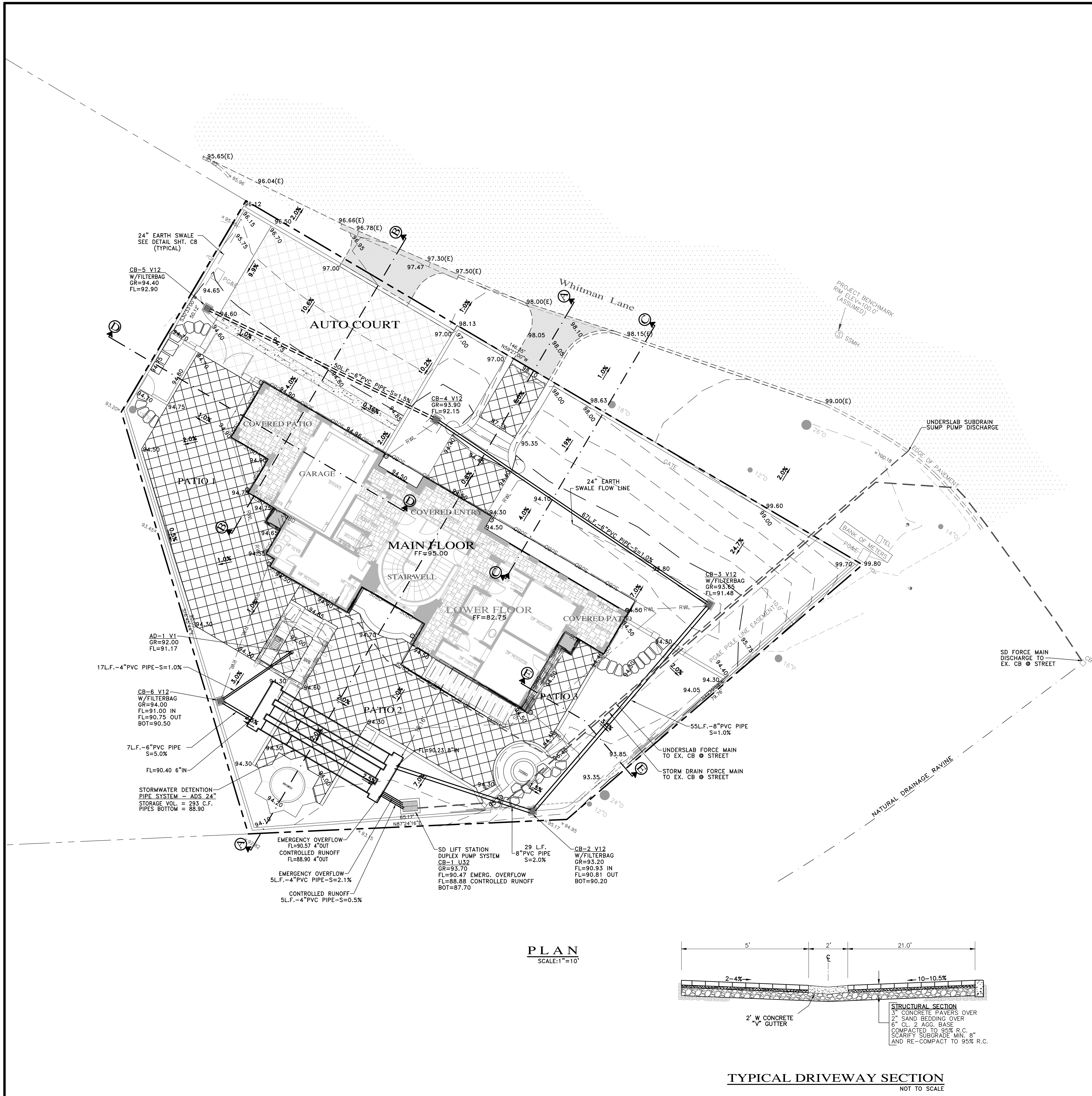


"PRELIMINARY"
"TOPOGRAPHIC MAP / EXISTING CONDITIONS"
GRADING, DRAINAGE, EROSION CONTROL
& STORM WATER CONTROL PLANS
 OF RESIDENCE
RAVEN RESIDENCE
 A.P.N.: 008-401-010
 FOR MR. & MRS. SCOTT AND CHARLYSE RAVEN

SCALE: 1"=10'
 DATE: APRIL 2016
 JOB NO. 1520-01

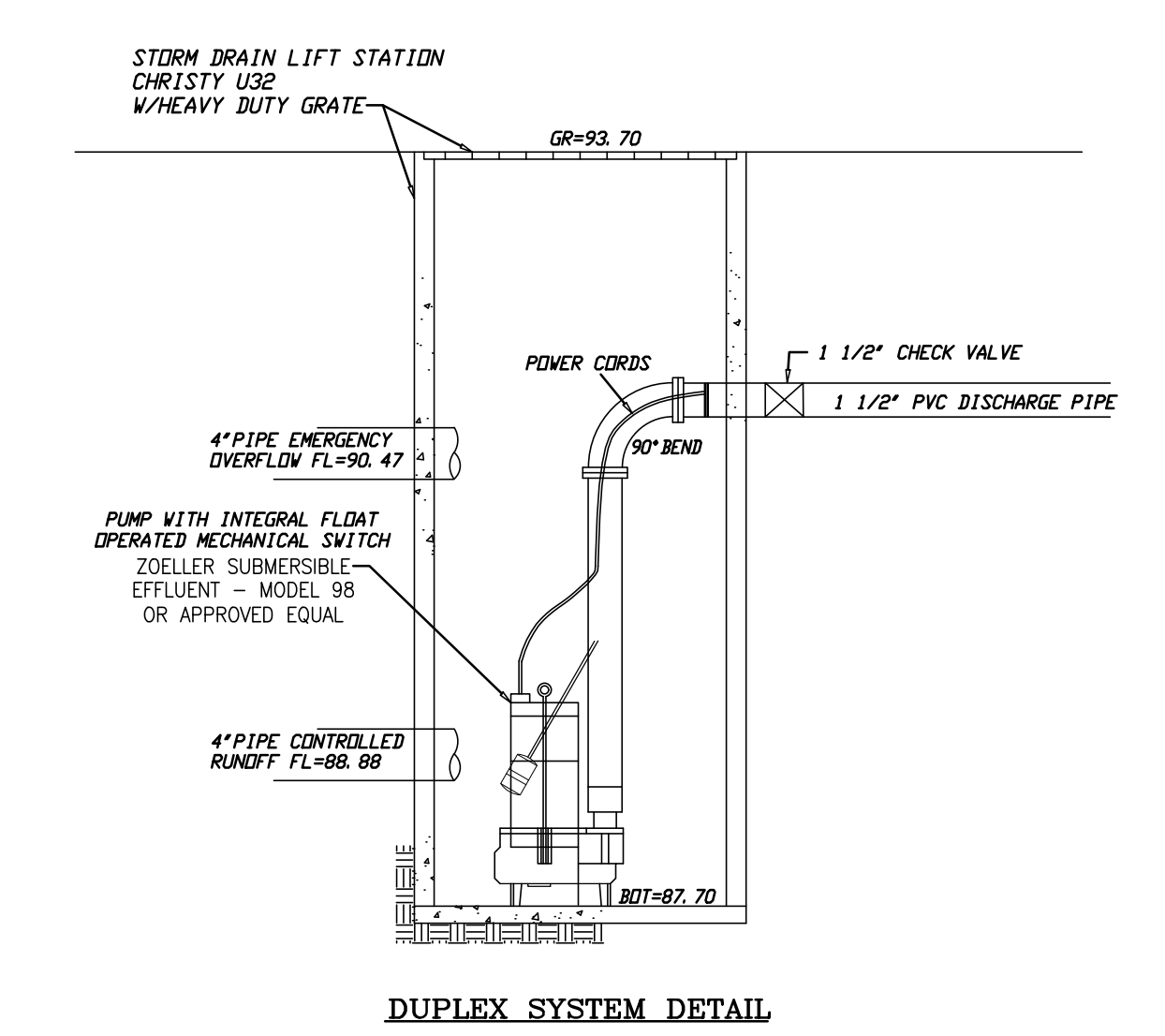
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SHEET **C2**
 OF 8 SHEETS

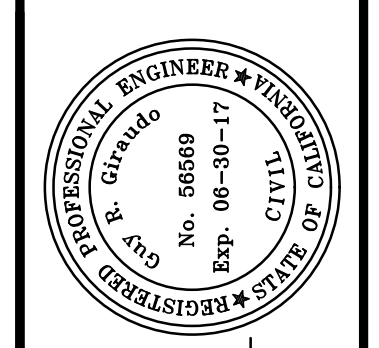


Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
1520-VOL EXSG	1.000	1.000	12937.22 Sq. Ft.	1360.42 Cu. Yd.	93.14 Cu. Yd.	1267.28 Cu. Yd.<Cut>
Totals			12937.22 Sq. Ft.	1360.42 Cu. Yd.	93.14 Cu. Yd.	1267.28 Cu. Yd.<Cut>



STORM DRAIN LIFT STATION



APPROVED BY:
GUY R. GIRAUDO

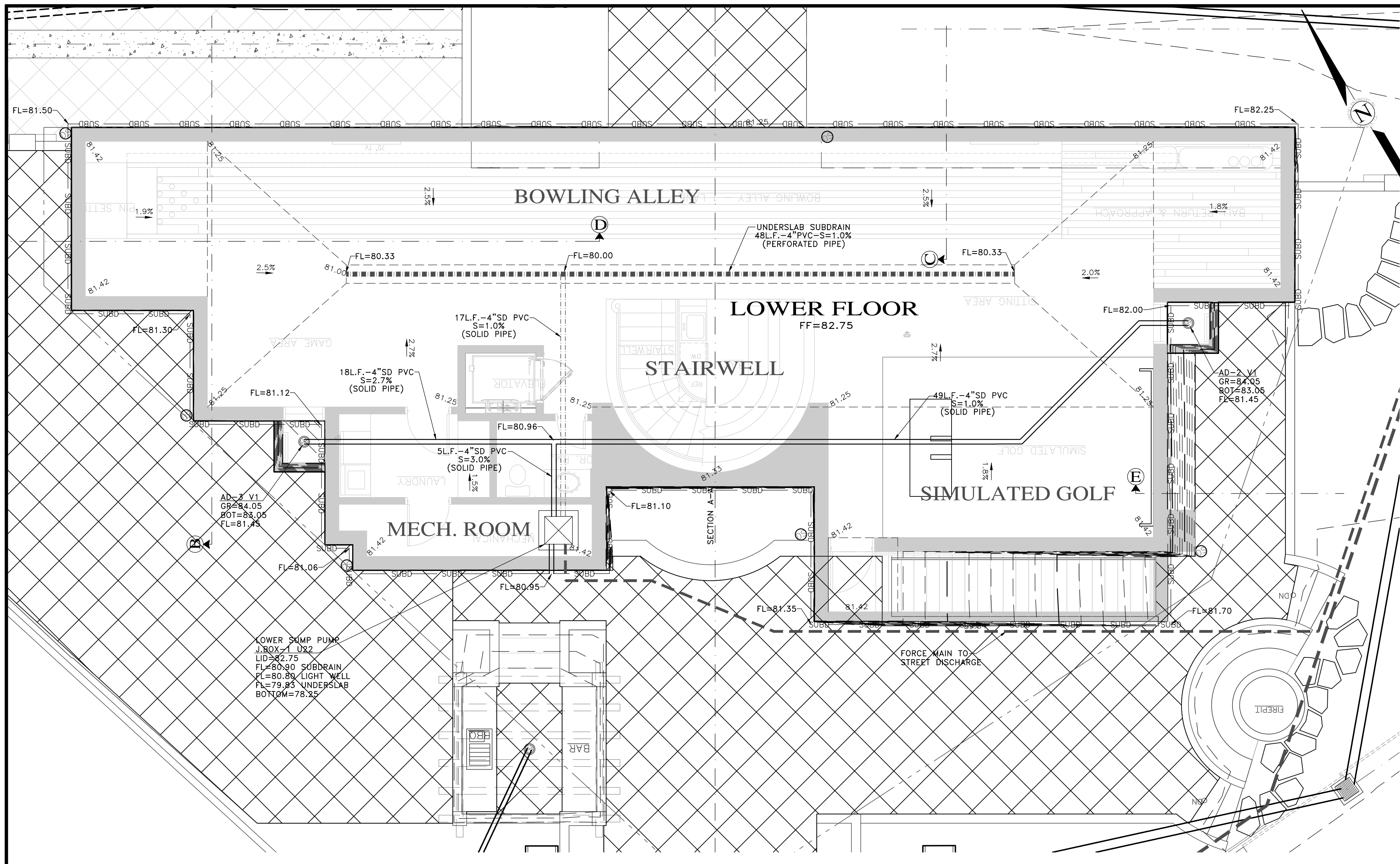


"PRELIMINARY"
 "GRADING, DRAINAGE & UTILITY PLAN"
**GRADING, DRAINAGE, EROSION CONTROL
 & STORM WATER CONTROL PLANS**
 OF RESIDENCE
RAVEN RESIDENCE
 A.P.N.: 008-401-010
 PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA
 FOR MR. & MRS. SCOTT AND CHARLYSE RAVEN

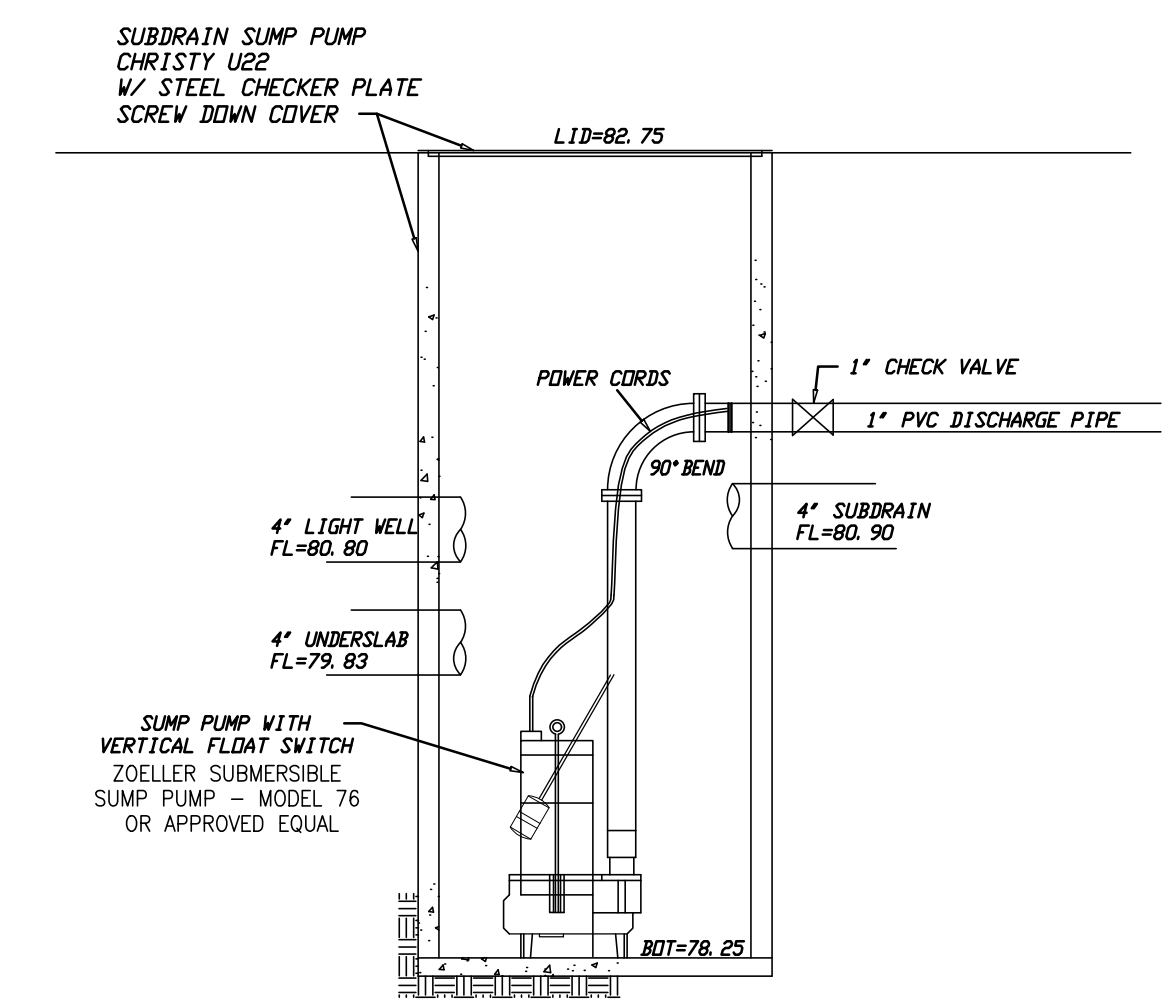
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 DATE: APRIL 2016
 JOB NO. 1520-01

No.	DATE	BY	REVISION
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06/30/16	AMS	ARCH'S NEW SITE PLAN	
05/25/16	AMS	RELEASED TO CLIENT	
05/10/16	AMS	CONCEPTUAL G.D. & S.W.C. PLAN	

SHEET **C3**
 OF 8 SHEETS



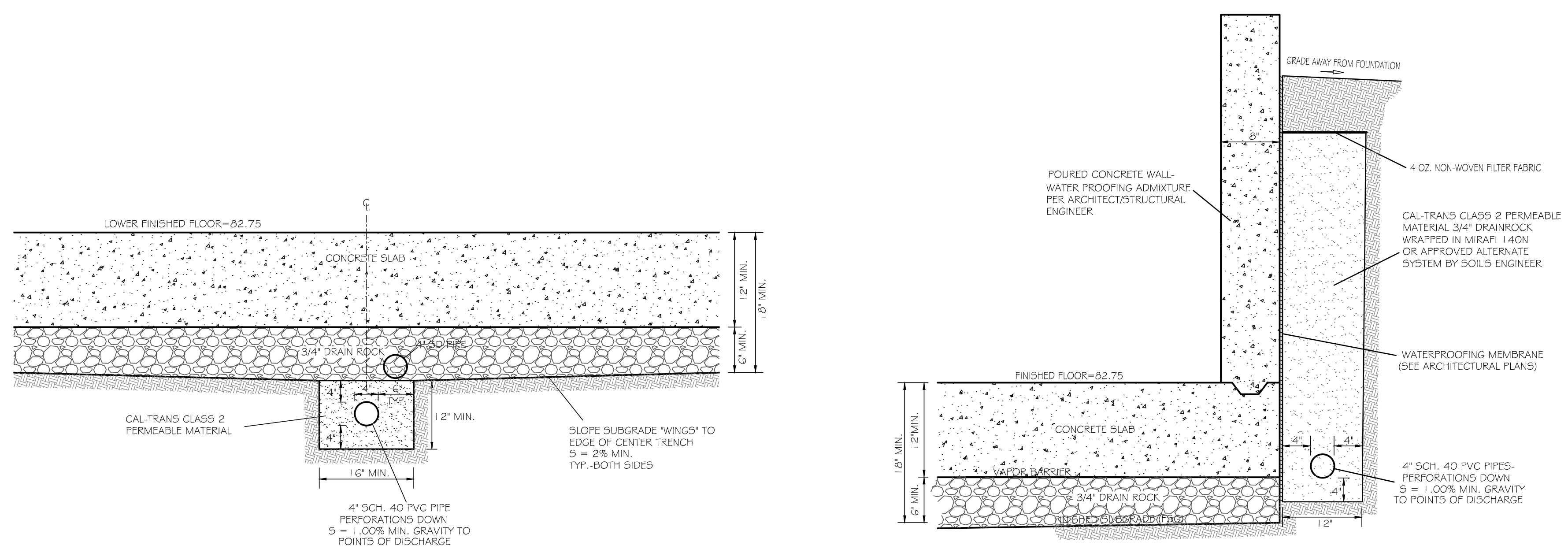
LOWER FLOOR UNDERSLAB DRAIN
SCALE: 1"=5'



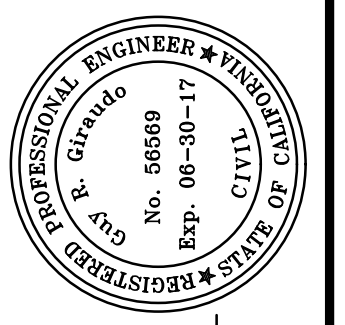
SIMPLEX SYSTEM DETAIL

- DESIGN CRITERIA:**
- PUMP ELEVATION = 78.25±
 - STREET ELEVATION = 99.20
 - LENGTH OF DISCHARGE = 154 L.F.
 - Orflow = 5 G.P.M.

LOWER SUMP PUMP
NOT TO SCALE



LOWER FLOOR UNDERSLAB SUBDRAIN DETAILS
NOT TO SCALE



APPROVED BY:
GUY R. GIRARDO

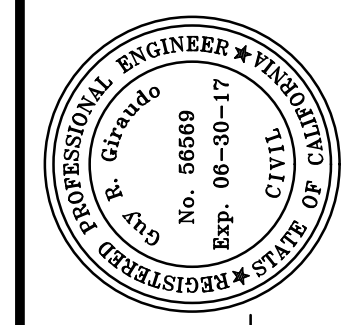
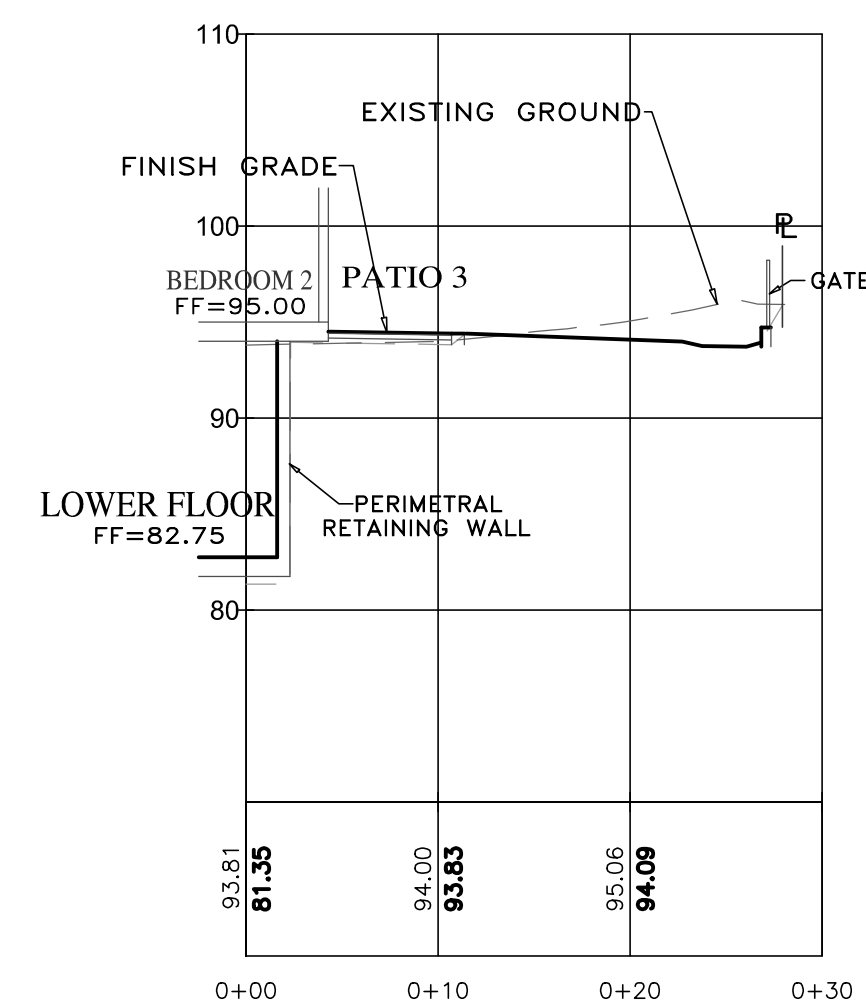
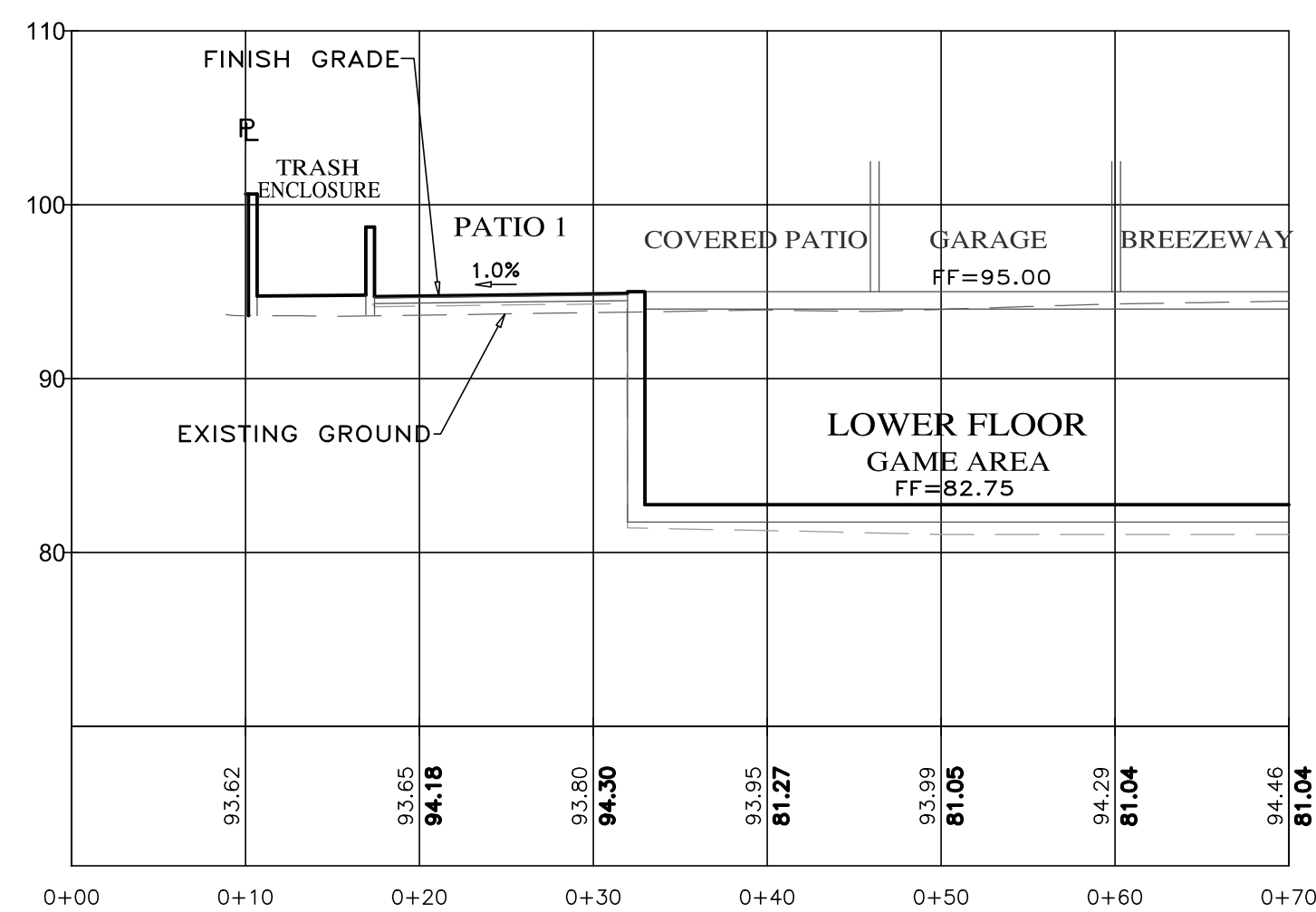
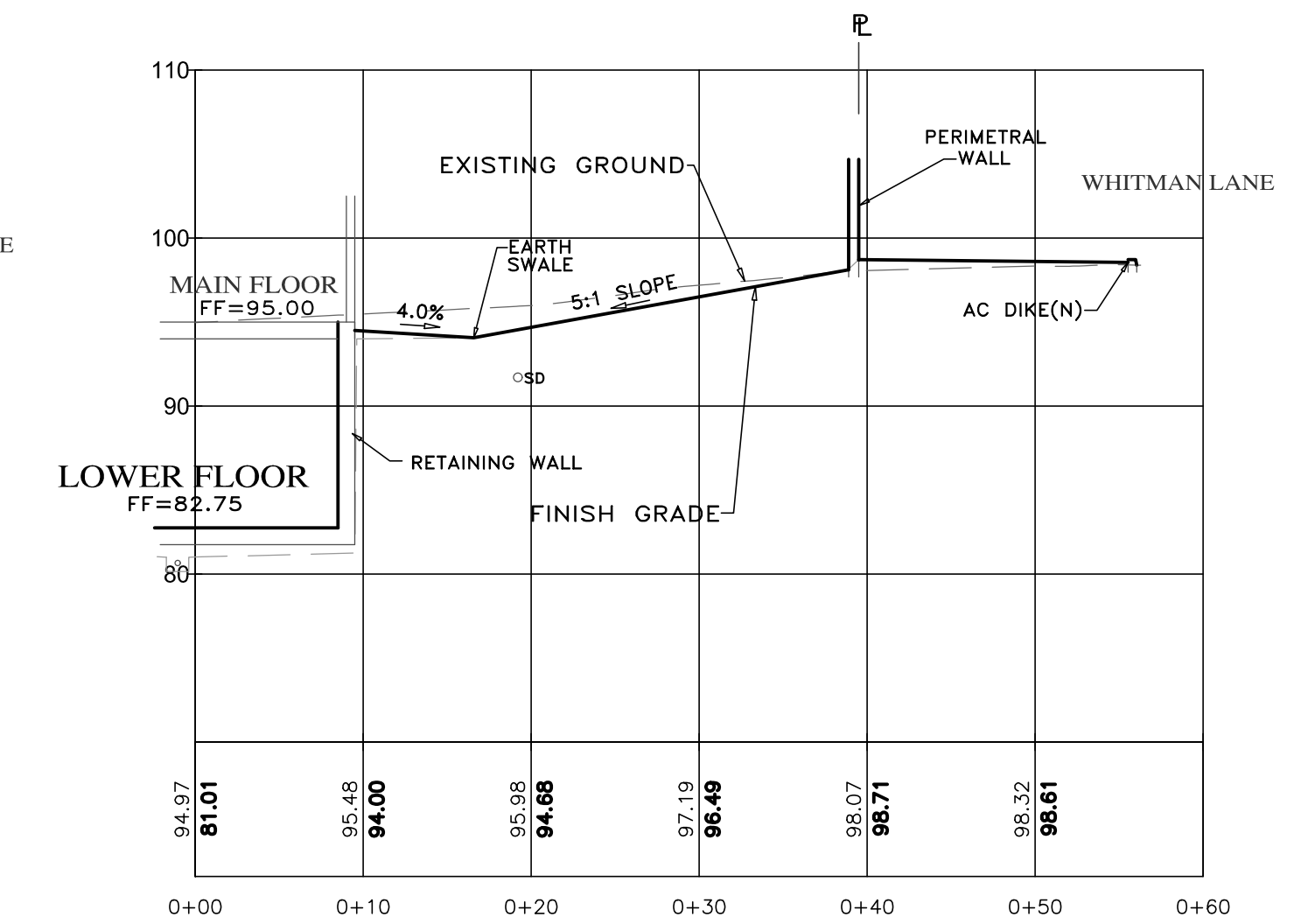
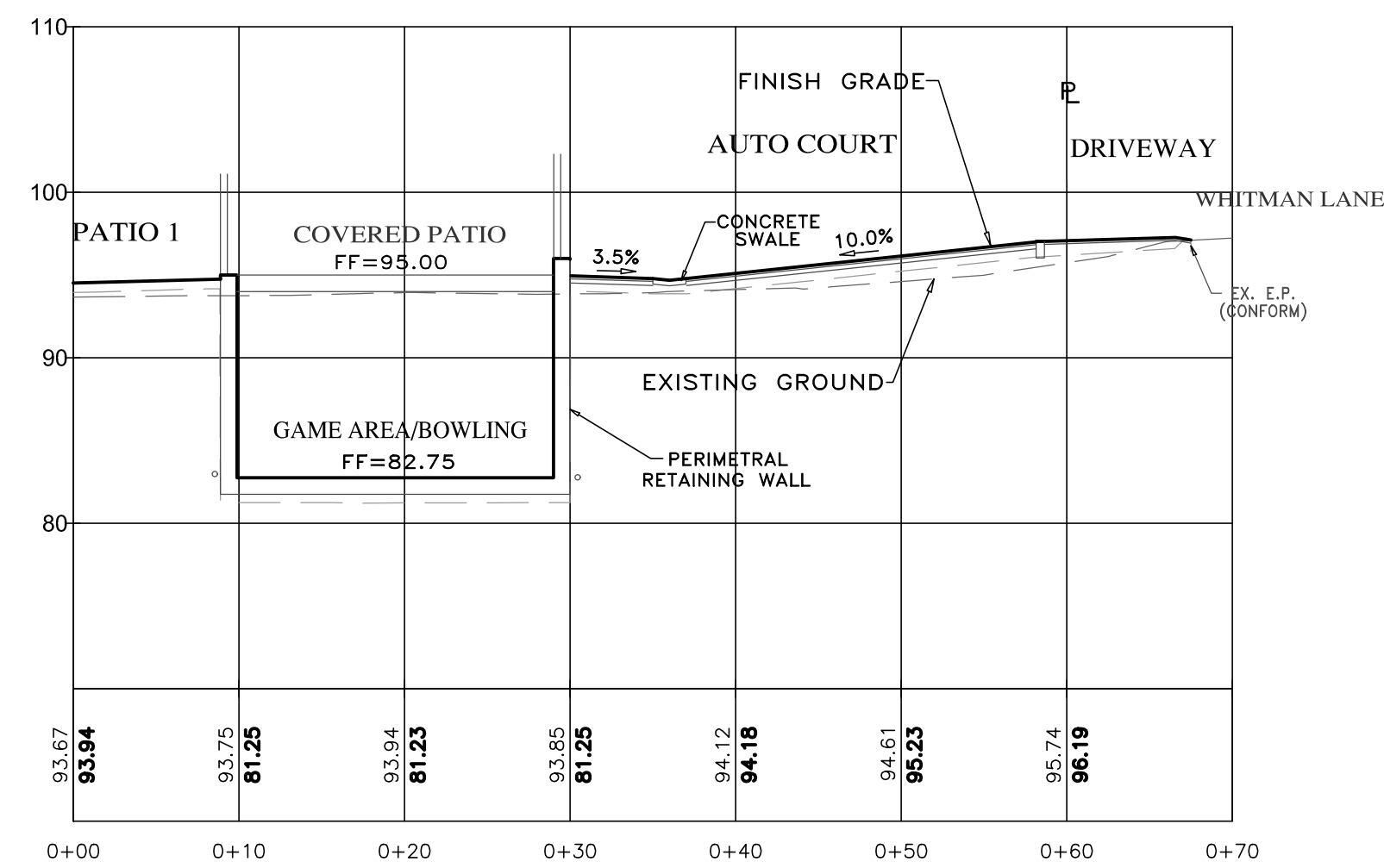
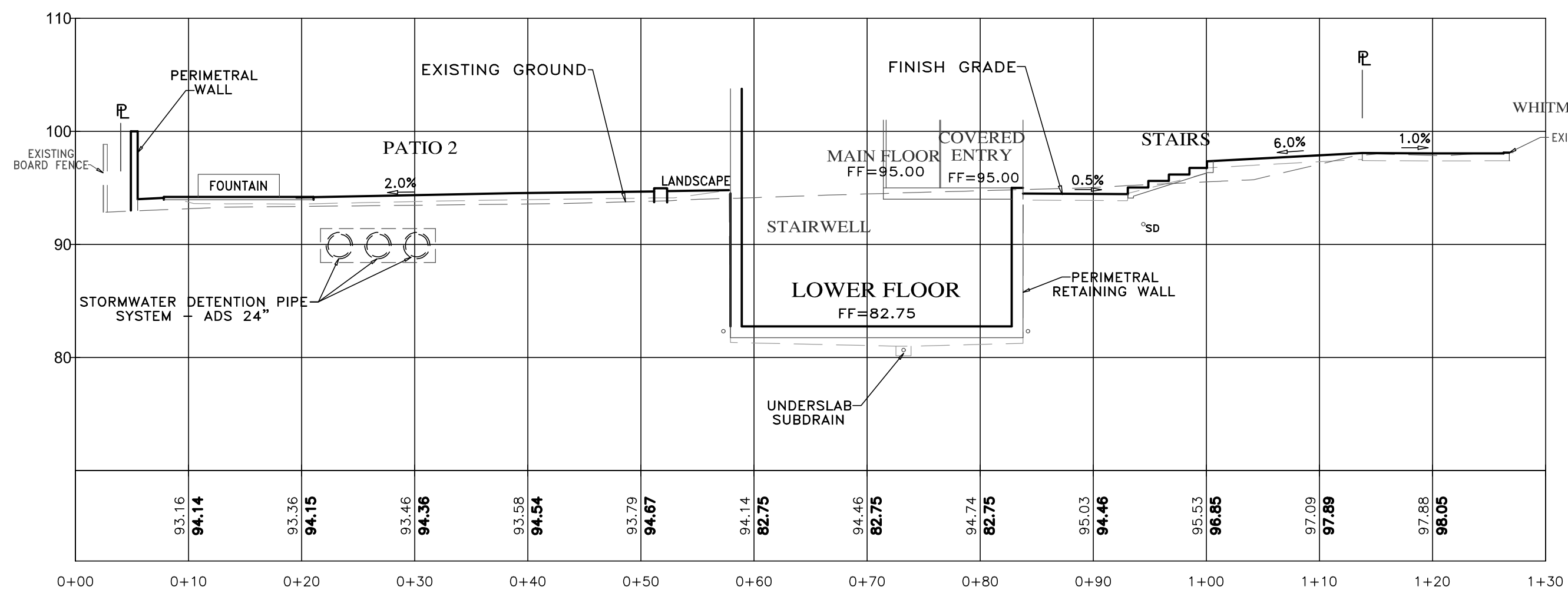


"PRELIMINARY"
 "LOWER FLOOR PLAN - UNDERSLAB DRAIN"
GRADING, DRAINAGE, EROSION CONTROL & STORM WATER CONTROL PLANS
 OF RESIDENCE
 RAVEN RESIDENCE
 A.P.N.: 008-401-010
 FOR PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA
 MR. & MRS. SCOTT AND CHARLYSE RAVEN

SCALE: AS SHOWN
DATE: APRIL 2016
JOB NO. 1520-01

No.	DATE	BY	REVISION
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06/30/16	AMS	ARCH'S NEW SITE PLAN	
05/25/16	AMS	RELEASED TO CLIENT	
05/10/16	AMS	CONCEPTUAL G.D. & S.W.C. PLAN	

SHEET **C4**
OF 8 SHEETS



APPROVED BY:
GUY R. GIRAUDO



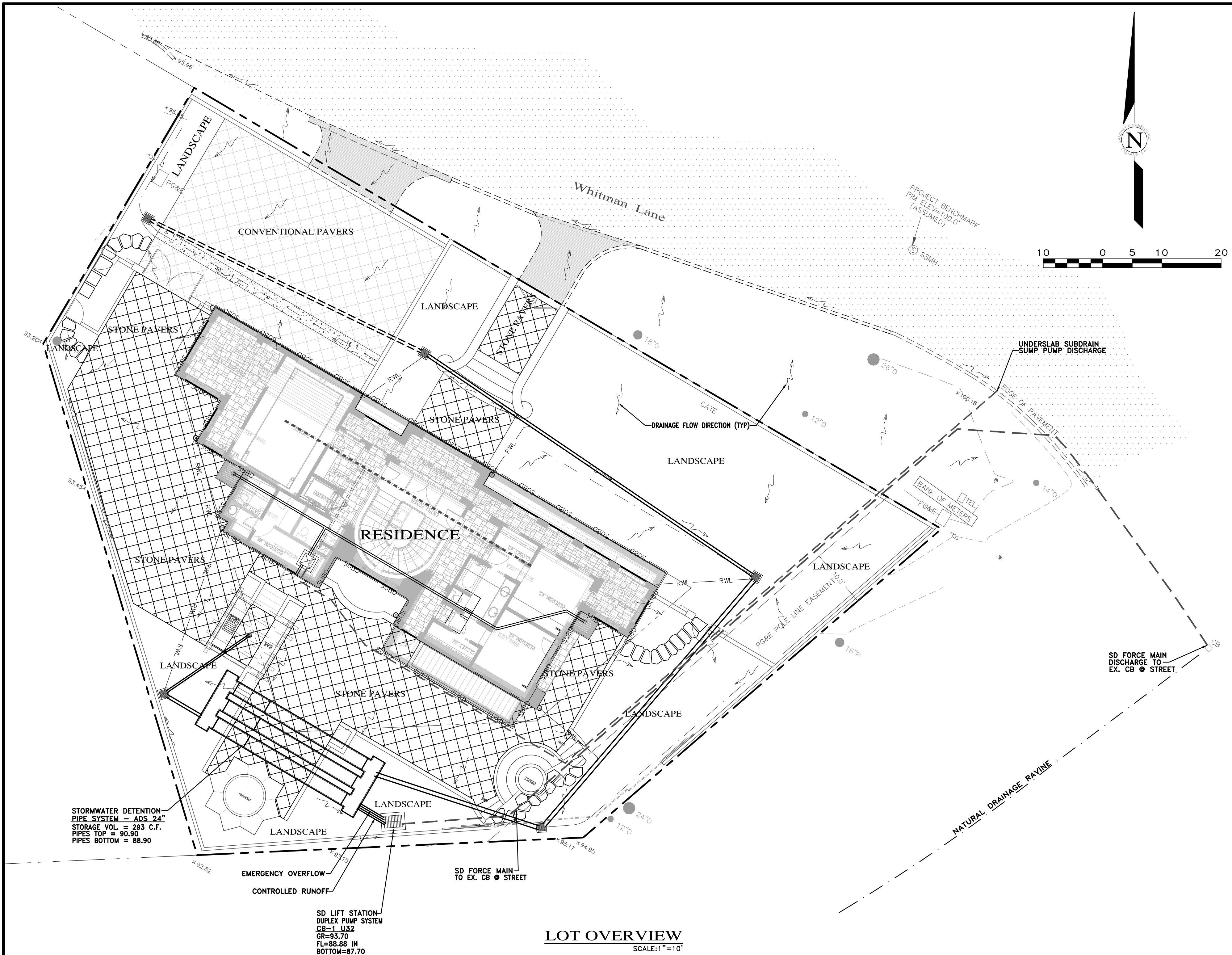
"PRELIMINARY"
"GRADING SECTIONS"

GRADING, DRAINAGE, EROSION CONTROL & STORM WATER CONTROL PLANS
OF
RAVEN RESIDENCE
A.P.N.: 008-401-010
FOR
MR. & MRS. SCOTT AND CHARLYSE RAVEN
PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA

SCALE: 1"=10' H&V
DATE: APRIL 2016
JOB NO. 1520-01

No.	DATE	BY	REVISION
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06/30/16	AMS	ARCH'S NEW SITE PLAN	
05/25/16	AMS	RELEASED TO CLIENT	
05/10/16	AMS	CONCEPTUAL G.D. & S.W.C. PLAN	

SHEET **C5**
OF 8 SHEETS



LOT OVERVIEW
SCALE: 1"=10'

TOTAL LOT AREA 11,399 sq.ft. = 0.2617 Ac.		IMPERVIOUS POST-DEVELOPED AREA 6,042 sq.ft.	
PERVIOUS POST-DEVELOPED AREA	5,357 SQ.FT.	BUILDING - ROOF	2,130 SQ.FT.
IMPERVIOUS POST-DEVELOPED AREA	6,042 SQ.FT.	AUTOCOURT - PAVERS	1,152 SQ.FT.
		PATIOS - CONCRETE	2,449 SQ.FT.

1520 - RAVEN RESIDENCE - 10 yr Pre-Development Peak Flow Rates											
DRAIN AREA	CONTRIBUTING AREA DESCRIPTION	WATERSHED AREA		FLOW DISTANCE (FT)	ELEV. DIFF. (FT)	SLOPE (FT/FT)	TIME OF CONCENTRATION (MIN)	INTENSITY CHART 2YR-6 H (IN/HR)	RUNOFF COEFFICIENT	WEIGHTED COEFFICIENT (Cw)	PEAK FLOW RATE (C.F.S.)
		(C.F.)	(AC)								
Existing	dr	11399	0.2617	125	6	0.048	11	0.888	2.08	0.25	0.14
10 YEARS PRE-DEVELOPMENT RUNOFF FOR DISTURBED AREAS											0.14

100-yr POST - DEVELOPMENT PEAK FLOW RATE (MODIFIED RATIONAL METHOD)										
(WITH A DISCHARGE OF 10YR PRE-DEVELOPMENT PEAK FLOW RATE)										
AREA	TIME OF CONCENTRATION (MIN)	INTENSITY CHART (IN/HR)	RUNOFF COEFFICIENT	WEIGHTED COEFFICIENT (Cw)	PEAK FLOW RATE (C.F.S.)	STORAGE VOLUME REQUIRED (CU.FT.)				
PAVEMENT	11399.00	0.26	10	1.332	3.264412228	0.35 181.3410713				
ROOF	1392.00	0.08	15	2.66367139	0.42 218.0597356					
LANDSCAPE	2130.00	0.05	20	2.30820973	1	0.38 242.2309964				
	5357.00	0.12	25	2.0046	0.32 268.6743855					
			30	1.8471332	0.32 269.4244536					
			35	1.74695474	0.29 255.031484					
			40	1.63209614	0.27 279.039425					
			45	1.53888182	0.26 279.490484					
			50	1.4582066	0.24 277.599667					
			55	1.39185336	0.23 273.748554					
			60	1.32605569	0.22 268.199473					
			65	1.26141565	0.21 261.160561					
			70	1.23083498	0.21 252.9011287					

STORMWATER RETENTION / DETENTION PIPE SYSTEM SIZING WORKSHEET

THE MOST ADVANCED NAME DRAINAGE SYSTEMS
Version 7.8

Enter or Select values in the Yellow fields ONLY

Project Name: 1520-01 Raven Residence
Location (City, State): Pebble Beach
Prepared For: A. MANRIQUEZ
Date Prepared: 8/12/2017
Engineer:
Contractor:
Regional Engineer:
Area Sales Representative:
Surface Application:

UNIT: Imperial (ft, in) (Metric: mm, m)

Unit of Measure: SYSTEM

Joint Type: HUB & RIB

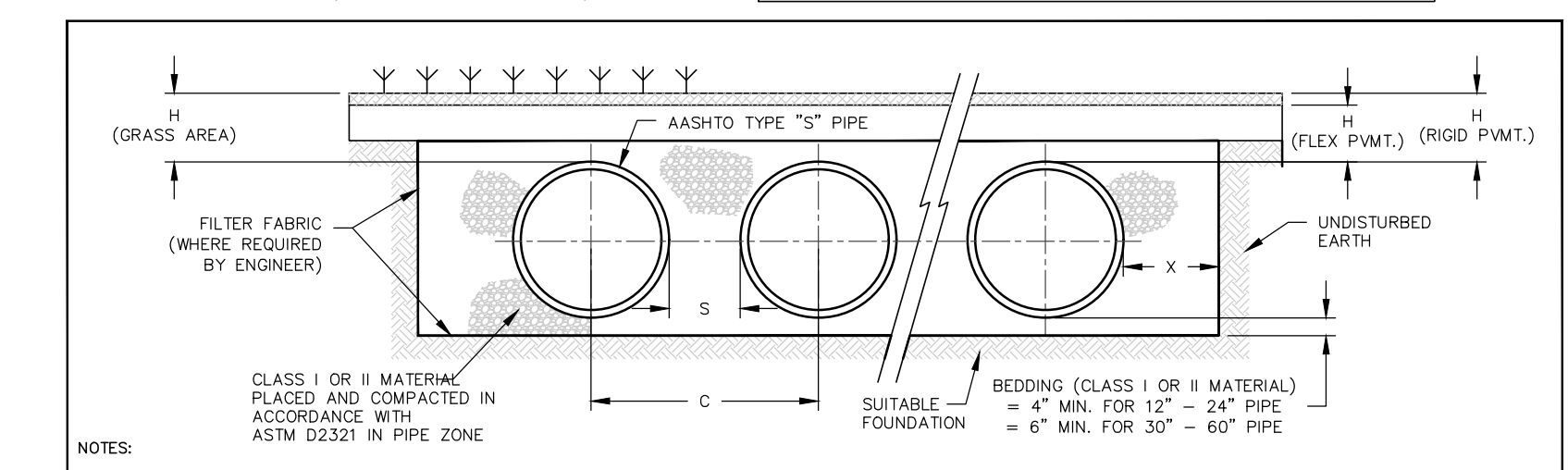
Design Storage Volume: 285 CF

Average Cover Height: 3.00 FT

HEADER	LATERALS	BACKFILL
Header Diameter (ID): 24"	Lateral Diameter (ID): 2 1/2"	Backfill: A non-perforated system has been selected
Number of Headers: 2	Number of Laterals: 25	
Perforate Headers?: No	Perforate Laterals?: No	
Include Header in Storage Volume?: Yes		

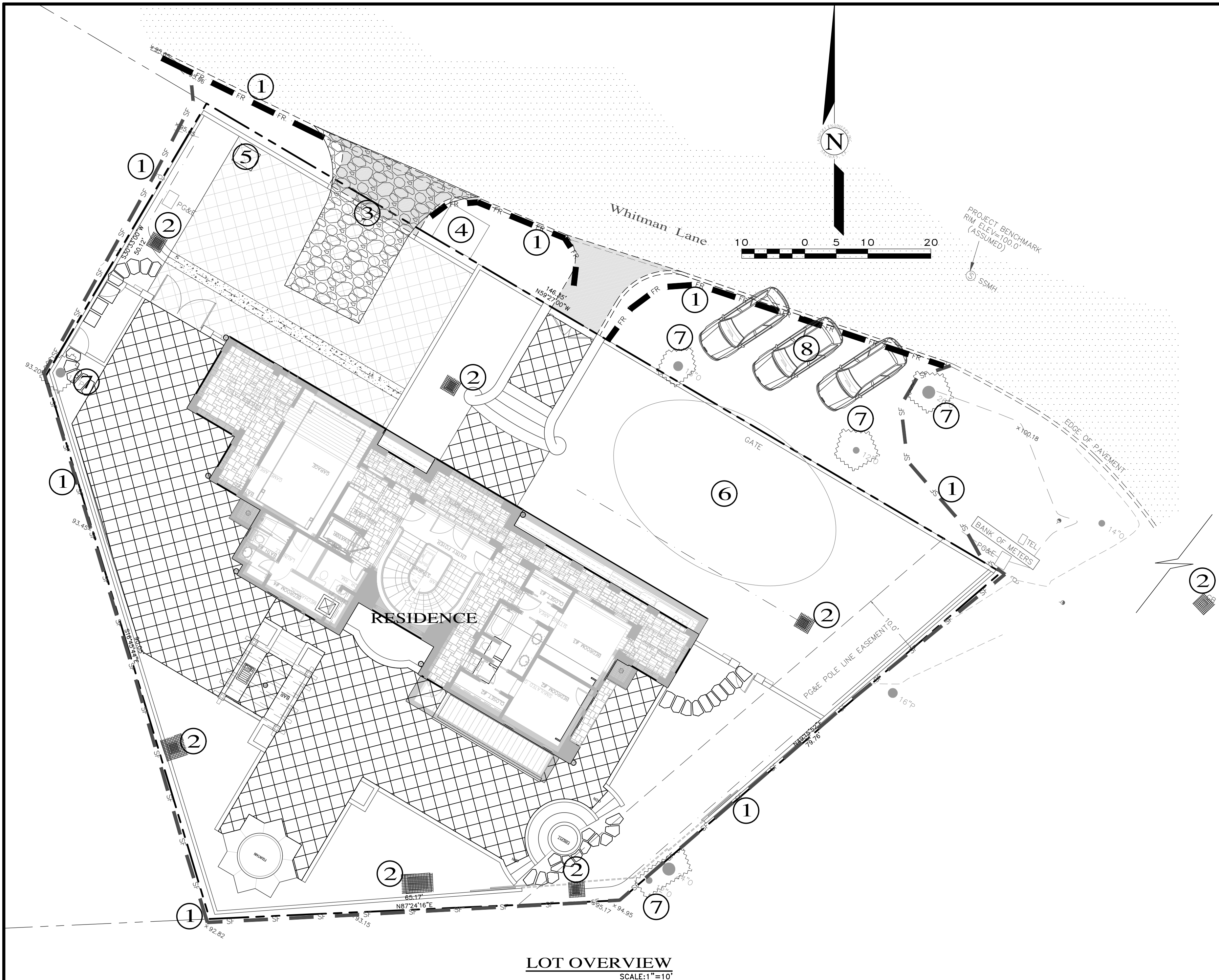
Product Volume (CF)	Stone (CF)	ASV (CF)	Total System (CF)	APPROXIMATE SYSTEM SIZE		EXCAVATION							
				Width (FT)	Length (FT)	Pipe Diameter (IN)	Width (FT)	Length (FT)	Excavation 1 (CY)	Excavation 2 (CY)	Estimated Backfill (CY)	ASV (CY)	
Group 1: 285	0	0	285	0	0	0	0	0	0	0	0	0	0
Group 2: 0	0	0	0	0	0	0	0	0	0	0	0	0	0
Group 3: 0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS:	0	0	285	0	0	0	0	0	0	0	0	0	0

NOTES:
1 - Full Stick Assumed a standard lay length of 19'-0".
2 - Excavation: Based on manufacturer's recommended trench width and bedding depth. Estimated volume assumes a filter system based on the user-entered Average Cover Height.
3 - Backfill: Does not account for pipe compaction - calculated for conservative quantities. Not for use with 18-in-OD or ordering purposes.
4 - Cover Height: For traffic installations, 1/4 of minimum cover is required for diameters 12-36"; 2/4 for 42-60". Maximum cover shall not exceed 5/4 without consulting Apollonika's Engineering.
5 - Use of Materials: Does not differentiate between ST and VIT fittings or between A and H profile connections. Determined on a project-specific basis.
6 - Quantities: Assumes all groups are same diameter. Run separate calculations to determine quantities and costs for different Group diameters.



NOTES:
1. ALL REFERENCES TO CLASS I OR II MATERIAL ARE PER ASTM D2321 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
2. ALL RETENTION AND DETENTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, LATEST EDITION AND THE MANUFACTURER'S PUBLISHED INSTALLATION SCHEDULES.
3. MEASURES SHOULD BE TAKEN TO PREVENT THE MIGRATION OF NATIVE FINES INTO THE BACKFILL MATERIAL, WHEN REQUIRED. SEE ASTM D2321.
4. FILTER FABRIC: A GEOTEXTILE FABRIC MAY BE USED AS SPECIFIED BY THE ENGINEER TO PREVENT THE MIGRATION OF FINES FROM THE NATIVE SOIL INTO THE SELECT BACKFILL MATERIAL.
5. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
6. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I OR II. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm), 6" (150mm) FOR 30"-60" (750mm-900mm).
7. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I OR II IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN EACH SECTION.
8. MINIMUM COVER: MINIMUM COVER OVER ALL RETENTION/DETENTION SYSTEMS IN PIPE ZONE SHALL BE:
1. REMOVE GRATE
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING UP OF CASTING OR CONCRETE STRUCTURE.
3. REPLACE GRATE.

NOMINAL DIAMETER	NOMINAL O.D.	TYPICAL SPACING "S"	TYPICAL SPACING "C"	TYPICAL SIDE WALL "X"	H (NON-TRAFFIC)	H (TRAFFIC)
12"	14.5"	11"	25.4"	8"	12"	12"
18"	20.5"	15"	35.5"	10"	12"	12"
24"	26.5"	19"	45.7"	12"	12"	12"
30"	32.5"	23"	55.9"	14"	12"	12"
36"	38.5"	27"	66.1"	16"	12"	12"
42"	44.5"	31"	76.3"	18"	12"	12"
48"	50.5"	35"	86.5"	20"	12"	12"
54"	56.5"	39"	96.7"	22"	12"	12"
60"	62.5"	43"	106.9"	24"	12"	12"
66"	68.5"	47"	117.1"	26"	12"	12"
72"	74.5"	51"	127.3"	28"	12"	12"
78"	80.5"	55"	137.5"	30"	12"	12"
84"	86.5"	59"	147.7"	32"	12"	12"
90"	92.5"	63"	157.9"	34"	12"	12"
96"	98.5"	67"	168.1"	36"	12"	12"
102"	104.5"	71"	178.3"	38"	12"	12"
108"	110.5"	75"	188.5"	40"	12"	12"
114"	116.5"	79"	198.7"	42"	12"	12"
120"	122.5"	83"	208.9"	44"	12"	12"
126"	128.5"	87"	219.1"	46"	12"	12"
132"	134.5"	91"	229.3"	48"	12"	12"
138"	140.5"	95"	239.5"	50"	12"	12"
144"	146.5"	99"	249.7"	52"	12"	12"
150"	152.5"	103"	259.9"	54"	12"	12"
156"	158.5"	107"	270.1"	56"	12"	12"
162"	164.5"	111"	280.3"	58"	12"	12"
168"	170.5"	115"	290.5"	60"	12"	12"
174"	176.5"	119"	300.7"	62"	12"	12"
180"	182.5"	123"	310.9"	64"	12"	12"
186"	188.5"	127"	321.1"	66"	12"	12"
192"	194.5"	131"	331.3"	68"	12"	12"
198"	200.5"	135"	341.5"	70"	12"	12"
204"	206.5"	139"	351.7"	72"	12"	12"
210"	212.5"	143"	361.9"	74"	12"	12"
216"	218.5"	147"	372.1"	76"	12"	12"
222"	224.5"	151"	382.3"	78"	12"	12"
228"	230.5"	155"	392.5"	80"	12"	12"
234"	236.5"	159"	402.7"	82"	12"	12"
240"	242.5"	163"	412.9"	84"	12"	12"
246"	248.5"	167"	423.1"	86"	12"	12"
252"	254.5"	171"	433.3"	88"	12"	12"
258"	260.5"	175"	443.5"	90"	12"	12"
264"	266.5"	179"	453.7"	92"	12"	12"
270"	272.5"	183"	463.9"	94"	12"	12"
276"	278.5"	187"	474.1"	96"	12"	12"
282"	284.5"	191"	484.3"	98"	12"	12"
288"	290.5"	195"	494.5"	100"	12"	12"
294"	296.5"	199"	504.7"	102"	12"	12"
300"	302.5"	203"	514.9"	104"	12"	12"
306"	308.5"	207"	525.1"	106"	12"	12"
312"	314.5"	211"	535.3"	108"	12"	12"
318"	320.5"	215"	545.5"	110"	12"	12"
324"	326.5"	219"	555.7"	112"	12"	12"
330"	332.5"	223"	565.9"	114"	12"	12"
336"	338.5"	227"	576.1"	116"	12"	12"
342"	344.5"	231"	586.3"	118"	12"	12"
348"	350.5"	235"	596.5"	120"	12"	12"
354"	356.5"	239"	606.7"	122"	12"	12"
360"	362.5"	243"	616.9"	124"	12"	12"
366"	368.5"	247"	627.1"	126"	12"	12"
372"	374.5"	251"	637.3"	128"	12"	12"
378"	380.5"	255"	647.5"	130"	12"	12"
384"	386.5"	259"	657.7"	132"	12"	12"
390"	392.5"	263"	667.9"	134"	12"	12"
396"	398.5"	267"	678.1"	136"	12"	12"
402"	404.5"	271"	688.3"	138"	12"	12"
408"	410.5"	275"	698.5"	140"	12"	12"
414"	416.5"	279"	708.7"	142"	12"	12"
420"	422.5"	283"	718.9"	144"	12"	12"
426"	428.5"	287"	729.1"	146"	12"	12"
432"	434.5"	291"	739.3"	148"	12"	12"
438"	440.5"	295"	749.5"	150"	12"	12"
444"	446.5"	299"	759.7"	152"	12"	12"
450"	452.5"	303"	769.9"	154"	12"	12"
456"	458.5"	307"	780.1"	156"	12"	12"
462"	464.5"	311"	790.3"	158"	12"	12"
468"	470.5"	315"	800.5"	160"	12"	12"
474"	476.5"	319"	810.7"	162"	12"	12"
480"	482.5"	323"	820.9"	164"	12"	12"
486"	488.5"	327"	831.1"	166"	12"	12"
492"	494.5"	331"	841.3"	168"	12"	12"
498"	500.5"	335"	851.5"	170"	12"	12"
504"	506.5"	339"	861.7"	172"	12"	12"
510"	512.5"	343"	871.9"	174"	12"	12"
516"	518.5"	347"	882.1"	176"	12"	12"
522"	524.5"	351"	892.3"	178"	12"	12"
528"	530.5"	355"	902.5"	180"	12"	12"
534"	536.5"	359"	912.7"	182"	12"	12"
540"	542.5"	363"	922.9"	184"	12"	12"
546"	548.5"	367"	933.1"	186"	12"	12"
552"	554.5"	371"	943.3"	188"	12"	12"
558"	560.5"	375"	953.5"	190"	12"	12"
564"	566.5"	379"	963.7"	192"	12"	12"
570"	572.5"	383"	973.9"	194"	12"	12"
576"	578.5"	387"	984.1"	196"	12"	12"
582"	584.5"	391"	994.3"	198"	12"	12"
588"	590.5"	395"	1004.5"	200"	12"	12"
594"	596.5"	399"	1014.7"	202"	12"	12"
600"	602.5"	403"	1024.9"	204"	12"	12"
606"	608.5"	407"	1035.1"	206"	12"	12"
612"	614.5"	411"	1045.3"	208"	12"	12"
618"	620.5"	415"	1055.5"	210"	12"	12"
624"	626.5"	419"	1065.7"	212"	12"	12"
630"	632.5"	423"	1075.9"	214"	12"	12"
636"	638.5"	427"	1086.1"	216"	12"	12"
642"	644.5"	431"	1096.3"	218"	12"	12"
648"	650.5"	435"	1106.5"	220"	12"	12"
654"	656.5"	439"	1116.7"	222"	12"	12"
660"	662.5"	443"	1126.9"	224"	12"	12"
666"	668.5"	447"	1137.1"	226"	12"	12"
672"	674.5"	451"	1147.3"	228"	12"	12"



CONSTRUCTION MANAGEMENT NOTES:

- PAINTING:**
- MINIMIZE USE OF OIL-BASED PAINTS
 - STORE SOLVENTS AND PAINTS IN ORIGINAL CONTAINERS OR OTHER FIRE MARSHAL APPROVED CONTAINER.
 - SPENT SOLVENTS ARE HAZARDOUS WASTES. STORE SPENT SOLVENTS IN APPROVED CONTAINERS. REUSE SOLVENTS AS MUCH AS POSSIBLE AND USE PAINTS AS MUCH AS POSSIBLE RATHER THAN DISPOSING OF THEM. DISPOSE OF SPENT SOLVENTS AND UNUSABLE PAINT AS A HAZARDOUS WASTE.
 - NEVER CLEAN PAINT EQUIPMENT WHERE SOLVENTS, PAINT OR CONTAMINATED RINSE WATER CAN ENTER THE STORM DRAIN SYSTEM.
 - CASQA BMP HANDBOOK - HAZARDOUS WASTE MANAGEMENT WM-6
- PLASTERING/STUCCO/TILING/SITE-MIXED CONCRETE:**
- STORE PLASTER AND CEMENT IN COVERED AREAS AND KEEP THEM OUT OF THE WIND.
 - CONSERVE MATERIALS. DO NOT MIX MORE PRODUCT THAN CAN BE USED BEFORE IT HARDENS.
 - IF THERE IS LEFT OVER PRODUCT, PLACE THE EXCESS IN AN EARTHEN DEPRESSION. LET THE PRODUCT CURE AND DISPOSE OF AS REGULAR REFUSE.
 - ALL RINSE WATER IS TO BE PLACED IN AN EARTHEN DEPRESSION CAPABLE OF HOLDING THE RINSE WATER AS WELL AS ANY RAIN WATER THAT WOULD FALL/RUN INTO THE DEPRESSION.
 - CASQA BMP HANDBOOK - CONCRETE WASTE MANAGEMENT WM-8
- READY-MIXED CONCRETE:**
- HAVE AN EARTHEN DEPRESSION DUG PRIOR TO THE ARRIVAL OF THE READY-MIX TRUCK.
 - IF A PUMP IS USED, PLACE THE ENTIRE PUMP PRIMING FLUID AND REJECT CONCRETE IN THE DEPRESSION.
 - PLACE ALL SPILLED CONCRETE AND CHUTE WASH WATER IN THE DEPRESSION.
 - ALL TRUCK AND PUMP RINSE WATER IS TO BE TAKEN BACK TO THE READY-MIX BACH PLANT FOR TREATMENT/RECYCLING
 - BEFORE CREATING AN EXPOSED AGGREGATE FINISH, CAREFULLY PLAN AND PREPARE TO PREVENT THE SLURRY THAT IS WASHED OFF FROM ENTERING THE STORM DRAIN SYSTEM AND GUTTERS.
 - CASQA BMP HANDBOOK - CONCRETE WASTE MANAGEMENT WM-8
- EARTH MOVING/GRADING:**
- REMOVE EXISTING VEGETATION ONLY WHEN NECESSARY.
 - PLANT TEMPORARY VEGETATION WHEN SOLE HAVE BEEN DISTURBED BUT CONSTRUCTION IS STILL ONGOING DURING PERIODS OF RAIN.
 - PROTECT DOWN SLOPE DRAINAGE COURSES BY RECOGNIZED METHODS SUCH AS THOSE IN THE CASQA HANDBOOK.
 - USE CHECK DAMS OR DITCHES TO DIVERT WATER AROUND EXCAVATIONS.
 - COVER STOCKPILES OF EXCAVATED SOIL WITH TARPS.
 - SCHEDULE GRADING ACTIVITIES DURING DRY PERIODS.
 - CASQA BMP HANDBOOK - EROSION CONTROL
- PORTABLE SANITATION FACILITY:**
- LOCATE AWAY FROM DRAINAGE FACILITIES, WATERCOURSES, AND FROM TRAFFIC CIRCULATION.
 - MUST BE EQUIPPED WITH CONTAINMENT TO PREVENT DISCHARGE OF POLLUTANTS TO THE STORM DRAINAGE SYSTEM.
 - WASTEWATER SHOULD NOT BE DISCHARGED OR BURIED WITHIN THE PROJECT SITE.
 - TEMPORARY SANITARY FACILITIES THAT DISCHARGE TO THE SANITARY SEWER SYSTEM SHOULD BE PROPERLY CONNECTED TO AVOID ILLICIT DISCHARGES.
 - SANITARY & SEPTIC FACILITIES SHOULD BE MAINTAINED IN GOOD WORKING ORDER BY A LICENSED SERVICE.
 - ONLY REPUTABLE, LICENSED SANITARY AND SEPTIC WASTE HAULERS SHOULD BE USED.
 - CASQA BMP HANDBOOK - SANITARY/SEPTIC WASTE MANAGEMENT WM-9

NOTES

- A- PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO ENSURE ALL NECESSARY SEDIMENT CONTROLS ARE IN PLACE AND THE PROJECT IS COMPLIANT WITH MONTEREY COUNTY GRADING AND EROSION CONTROL REGULATIONS.
- B- DURING CONSTRUCTION THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO UPDATE COMPACTION TEST RECORDS, INSPECT DRAINAGE DEVICE INSTALLATION, REVIEW THE MAINTENANCE AND EFFECTIVENESS OF BMP'S INSTALLED, AS WELL AS, TO VERIFY THAT POLLUTANTS OF CONCERN ARE NOT DISCHARGED FROM THE SITE.
- C- PRIOR TO FINAL INSPECTION, THE OWNER/APPLICANT SHALL SCHEDULE AN INSPECTION WITH RMA-ENVIRONMENTAL SERVICES TO CONDUCT A FINAL GRADING INSPECTION, COLLECT FINAL GEOTECHNICAL LETTER OF CONFORMANCE, ENSURE THAT ALL DISTURBED AREAS HAVE BEEN STABILIZED AND THAT ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES THAT ARE NO LONGER NEEDED HAVE BEEN REMOVED.
- D- DUST FROM GRADING OPERATIONS MUST BE CONTROLLED. THE OWNER OR CONTRACTOR MAY BE REQUIRED TO KEEP ADEQUATE EQUIPMENT ON THE GRADING SITE TO PREVENT DUST PROBLEMS.
- E- IT SHALL BE THE RESPONSIBILITY OF THE OWNER AND THE PERMITEE TO ENSURE THAT EROSION DOES NOT OCCUR FROM AN ACTIVITY DURING DURING OR AFTER PROJECT CONSTRUCTION. ADDITIONAL MEASURES, BEYOND THOSE SPECIFIED, MAY BE REQUIRED AS DEEMED NECESSARY TO CONTROL ACCELERATED EROSION.
- F- TEMPORARY EROSION CONTROL TO BE INSTALLED BETWEEN OCTOBER 1 AND APRIL 15.
- G- THE GROUND SURFACE SHALL BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, TOPSOIL AND OTHER UNSUITABLE MATERIALS, AND SCARIFYING THE GROUND TO PROVIDE A BOND WITH THE FILL MATERIAL.

LEGEND: (SEE B.M.P. DETAILS PER C.O.S. STD. PLANS 59A & 59B)

- ① FIBER ROLL AND/OR SILT FENCE. INSTALL FIBER ROLL AT BACK OF AC DIKE ALONG PROPERTY FRONTAGE.
- ② INLET PROTECTION. USE GRAVEL/SAND BAGS.
- ③ STABILIZED CONSTRUCTION ENTRANCE.
- ④ CONCRETE WASHOUT FACILITY.
- ⑤ PORTABLE SANITATION FACILITY
- ⑥ TEMPORARY STOCKPILE AREA
- ⑦ TREE PROTECTION
- ⑧ EMPLOYEE PARKING AREA

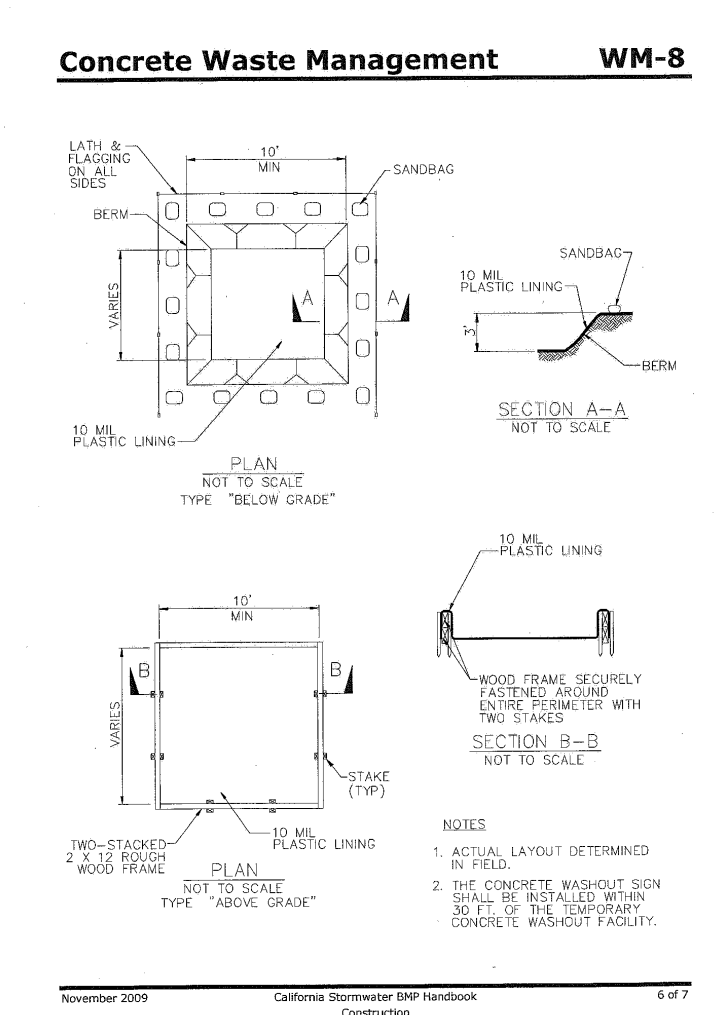
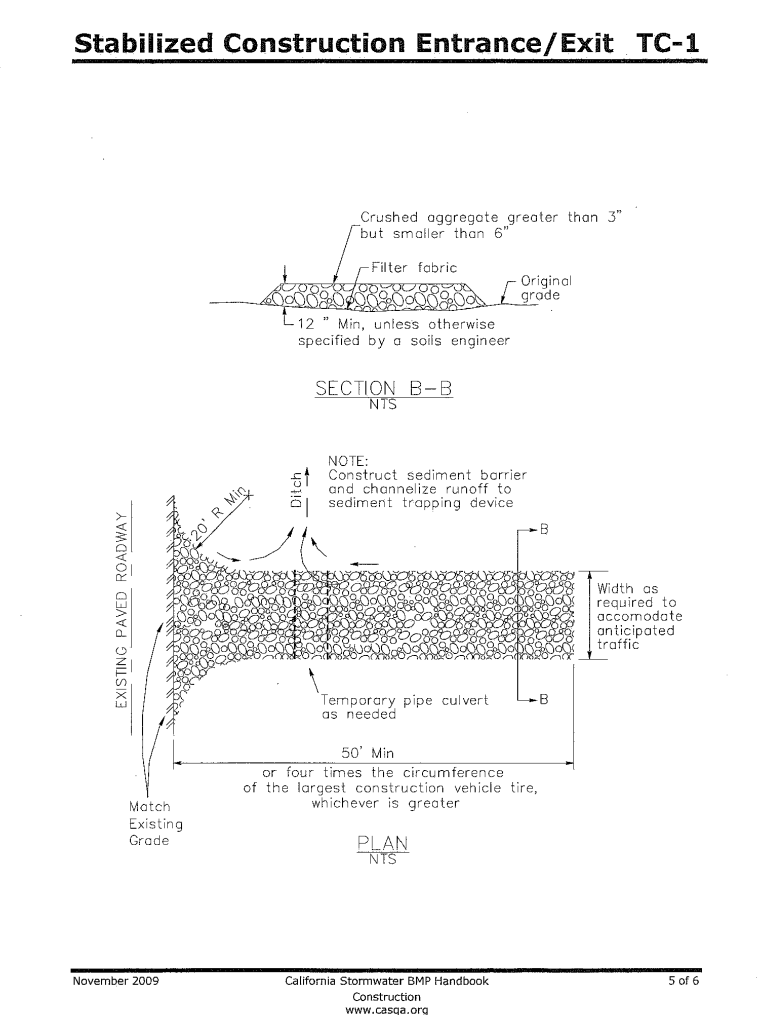
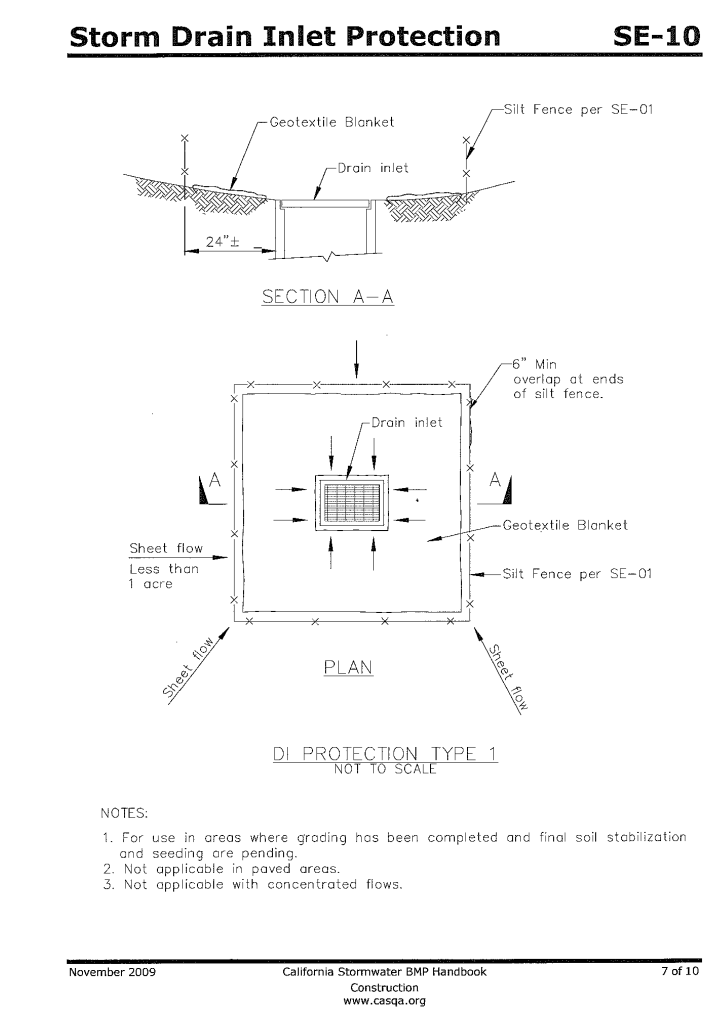
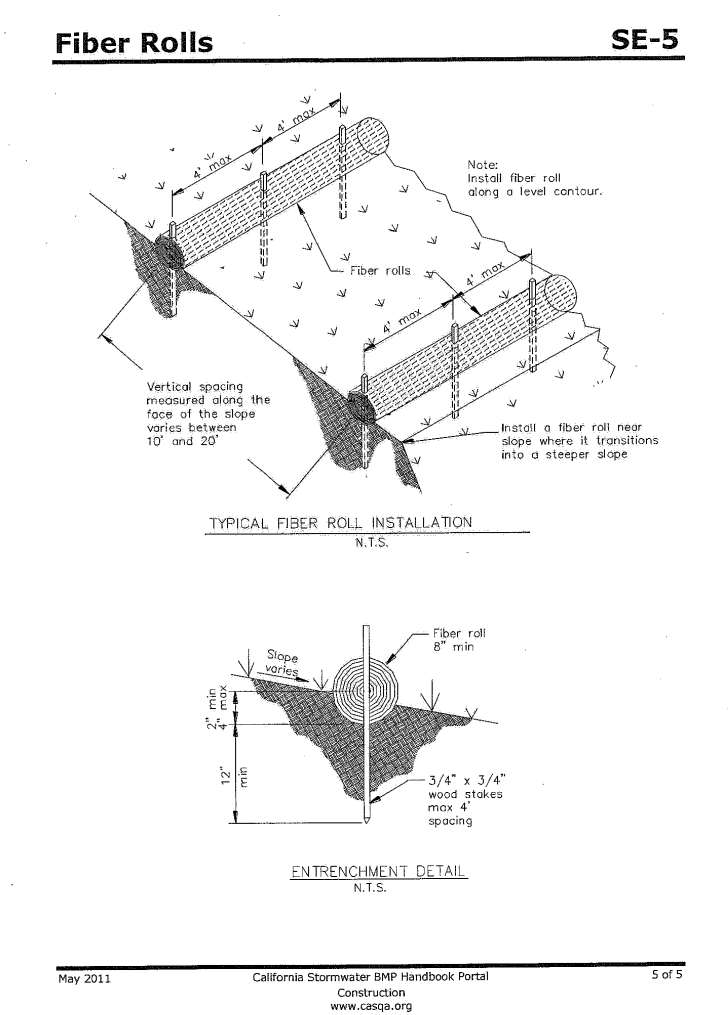
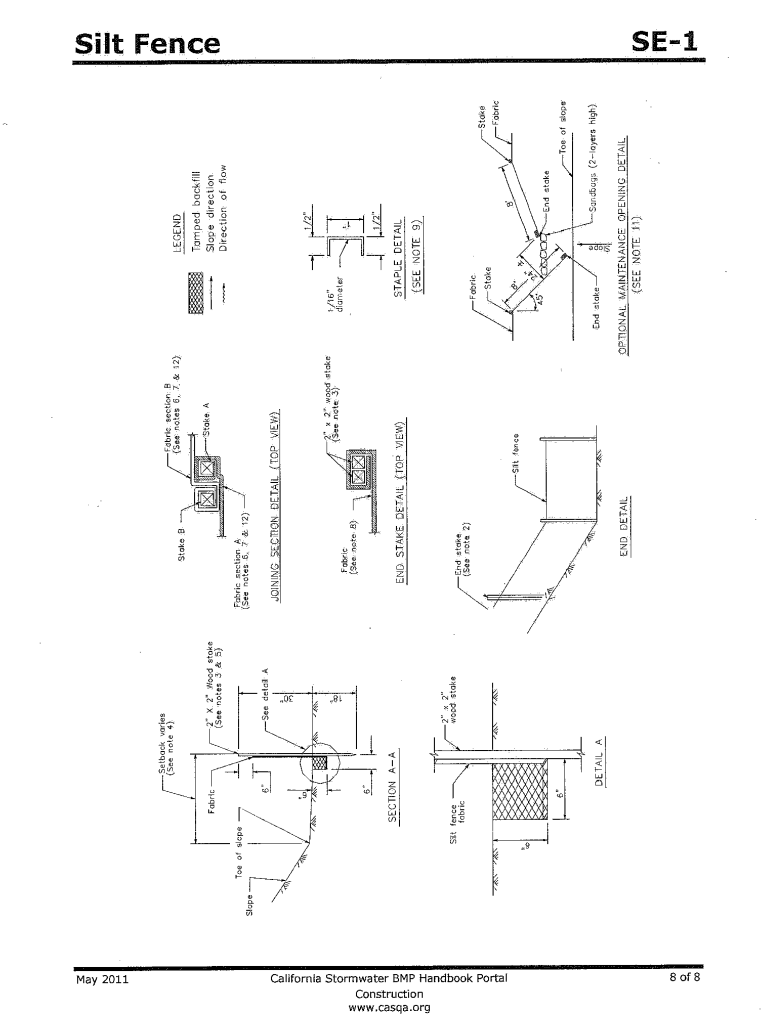


TABLE 1705.6 REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.	-	X
2. Verify excavations are extended to proper depth and have reached proper material.	-	X
3. Perform classification and testing of compacted fill materials.	-	X
4. Verify use of proper materials, densities and fill thicknesses during placement and compaction of compacted fill.	X	-
5. Prior to placement of compacted fill, observe subsgrade and verify that soil has been prepared properly.	-	X

Material Delivery and Storage WM-1

Categories

- 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

Legend:

- Primary Category
- Secondary Category

Targeted Constituents

- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

None

Description and Purpose

Prevent, reduce, or eliminate the discharge of pollutants from material delivery and storage to the stormwater system or watercourses by minimizing the storage of hazardous materials onsite, storing materials in watertight containers and/or a completely enclosed designated area, installing secondary containment, conducting regular inspections, and training employees and subcontractors.

This best management practice covers only material delivery and storage. For other information on materials, see WM-2, Material Use, or WM-4, Spill Prevention and Control. For information on wastes, see the waste management BMPs in this section.

Solid Waste Management WM-5

Categories

- 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

Legend:

- Primary Objective
- Secondary Objective

Targeted Constituents

- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

None

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.

Hazardous Waste Management WM-6

Categories

- 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

Legend:

- Primary Objective
- Secondary Objective

Targeted Constituents

- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

None

Description and Purpose

Prevent or reduce the discharge of pollutants to stormwater from hazardous waste through proper material use, waste disposal, and training of employees and subcontractors.

Solid Waste Management WM-5

Categories

- 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

Legend:

- Primary Objective
- Secondary Objective

Targeted Constituents

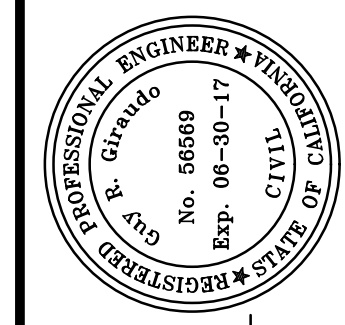
- Sediment
- Nutrients
- Trash
- Metals
- Bacteria
- Oil and Grease
- Organics

Potential Alternatives

None

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.



APPROVED BY:
GUY R. GIRAUO



"PRELIMINARY"
"EROSION CONTROL PLAN"
GRADING, DRAINAGE, EROSION CONTROL
& STORM WATER CONTROL PLANS
 OF RESIDENCE
RAVEN RESIDENCE
 A.P.N.: 008-401-010
 PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA
 FOR MR. & MRS. SCOTT AND CHARLYSE RAVEN

SCALE: AS SHOWN
DATE: APRIL 2016
JOB NO. 1520-01

No.	DATE	BY	REVISION
06/02/17	AMS	ARCH'S NEW SITE PLAN	
06/30/16	AMS	ARCH'S NEW SITE PLAN	
05/25/16	AMS	RELEASED TO CLIENT	
05/10/16	AMS	CONCEPTUAL G.D. & S.W.C. PLAN	

SHEET **C7-EC** OF 8 SHEETS

• Etched polycarbonate face
• Face anchored in concrete
• Ultra-violet inhibitor
• Exceeds ASTM-D1683 Standards for Environmental Stress Cracking Resistance

DRAIN BOX No. V01BOX 34 lbs.

REINFORCED CONCRETE LID No. F08R 8 lbs.

F08C **V01-71C**

A reinforced concrete dual purpose box designed for either light purpose drainage installations or enclosed sewer operations in foot traffic areas. Tapered shoulders prevent settling. Neck accommodates up to approximately 4" O.D. pipe or drain tile. Approximate dimensions and weight shown.

Ordering Code	Item	Approx. Shipping Weight	Description
F08BOX	BOX	34	V01 Drain Box (6" I.D. x 12") - 48 per pallet
F08R	LID	8	Reinforced concrete lid with plastic ring
F08C	LID	8	Cast iron
V01-71C	GRATE	12	Cast iron

V01 BOX (STANDARD)
FILE NAME: V01_350
ISSUE DATE: January, 2009
www.oldcastleprecast.com

V01 DRAIN BOX 8" I.D. x 12"
Christy

WELDED GRATE No. V12-71W 34 lbs.

DRAIN BOX No. V12BOX 177 lbs.

Welded steel bar grate is ADA approved.

A high density reinforced concrete box with cast in galvanized frame, specifically engineered for heavy traffic areas. Approximate dimensions and weight shown.

Ordering Code	Item	Approx. Shipping Weight	Description
V12BOX	BOX	177	V12 Drain Box (12" x 12") H/20 Loading, bolt down interchangeable with Brocks #7212 Box - 12 per pallet
V12-71W	GRATE	34	Welded, steel cross bars, H/20 loading, galvanized
V12X12	EXTENSION	120	12" Reinforced concrete - 12 per pallet

V12 DRAIN BOX 12" x 12"
Christy

U21 CATCH BASIN

CATCH BASIN U21 BOX

Cast-in galvanized frame for grates 1 1/2" x 1 1/2" angle iron with anchor bolts

Grooved to receive tongue of grate rings, curb inlets, etc.

6" exposed rebar to allow job site pouring of special curb shapes at grade level, etc.

Note A: height is per job specification.

- Knock-Outs available in grate rings and catch basins.
- Opening, locations, and sizes to job specifications.
- With or without bottom.
- Progressive webbed knock-outs provide maximum flexibility, permitting pipe of any size to be neatly and quickly grouted in at jobsite.
- Standard grade rings available in 6" increments up to 4" high.
- All reinforcing steel meets ASTM specifications as required.

U21 CATCH BASIN 2' x 2' W/ 4" WALLS
Christy

U32 CATCH BASIN

CATCH BASIN U32 BOX

Cast-in galvanized frame for grates 1 1/2" x 1 1/2" angle iron with anchor bolts

Grooved to receive tongue of grate rings, curb inlets, etc.

6" exposed rebar to allow job site pouring of special curb shapes at grade level, etc.

Note A: height is per job specification.

- Knock-Outs available in grate rings and catch basins.
- Opening, locations, and sizes to job specifications.
- With or without bottom.
- Progressive webbed knock-outs provide maximum flexibility, permitting pipe of any size to be neatly and quickly grouted in at jobsite.
- Standard grade rings available in 6" increments up to 4" high.
- All reinforcing steel meets ASTM specifications as required.

U32 CATCH BASIN 2' x 3' W/ 6" WALLS
Christy

EARTH SWALE
NOT TO SCALE

NOTES:
1) MINIMUM LONGITUDINAL SLOPE SHALL BE NOT LESS THAN 1.0%
2) THE SWALE SHALL BE REVEGETATED WITH A HYDROMULCH SLURRY OR HAND SEEDED WITH A STRAW MULCH COVER UNTIL GROWTH IS ESTABLISHED.
3) IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO REGULARLY MAINTAIN THE SWALE AS NEEDED FROM EXCESSIVE GROWTH FROM EXCESSIVE GROWTH AND/OR SILTATION.

24" CONCRETE SWALE
NOT TO SCALE

UNDISTURBED NATIVE SOIL OR COMPACTED FILL

CONSTRUCT WEAKENED PLANE JOINTS (DEEP SCORE 1/4" X 3" AT 8' O.C.)

12" CONCRETE SWALE
NOT TO SCALE

3" THICK CONCRETE "V" GUTTER

RETAINING WALL

UNDERGROUND DETENTION SYSTEM DETAILS
NOT TO SCALE

ACCESS COVER & FRAME

24" MAX. 24" SDR 32.5 SOLID WALL HDPE PIPE

UNDISTURBED EARTH

SAND BEDDING AND BACKFILL TO BE SPECIFIED TO 80% MIN. R.C.

SECTION A-A

ACCESS LID

SOLID WALL 4" HDPE PIPE CLEANOUT

UNDISTURBED EARTH

SAND BEDDING AND BACKFILL TO BE SPECIFIED TO 80% MIN. R.C.

SECTION B-B

RUBBER GASKET

FRONT VIEW

PLAN VIEW

UNDERGROUND DETENTION SYSTEM DETAILS
NOT TO SCALE

ACCESS COVER & FRAME

24" MAX. 24" SDR 32.5 SOLID WALL HDPE PIPE

UNDISTURBED EARTH

SAND BEDDING AND BACKFILL TO BE SPECIFIED TO 80% MIN. R.C.

SECTION A-A

ACCESS LID

SOLID WALL 4" HDPE PIPE CLEANOUT

UNDISTURBED EARTH

SAND BEDDING AND BACKFILL TO BE SPECIFIED TO 80% MIN. R.C.

SECTION B-B

UNDERGROUND DETENTION SYSTEM DETAILS
NOT TO SCALE

ACCESS COVER & FRAME

24" MAX. 24" SDR 32.5 SOLID WALL HDPE PIPE

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SECTION B-B

UNDERGROUND DETENTION SYSTEM DETAILS
NOT TO SCALE

ACCESS COVER & FRAME

24" MAX. 24" SDR 32.5 SOLID WALL HDPE PIPE

UNDISTURBED EARTH

SAND BEDDING AND BACKFILL TO BE SPECIFIED TO 80% MIN. R.C.

SECTION A-A

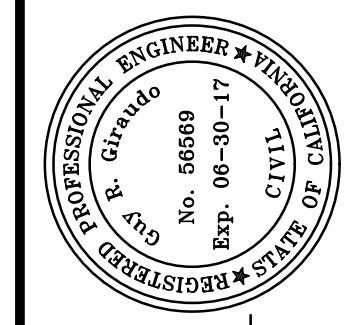
ACCESS LID

SOLID WALL 4" HDPE PIPE CLEANOUT

UNDISTURBED EARTH

SAND BEDDING AND BACKFILL TO BE SPECIFIED TO 80% MIN. R.C.

SECTION B-B



APPROVED BY:
GUY R. GIRAUDO



"PRELIMINARY"
"EROSION CONTROL PLAN"
GRADING, DRAINAGE, EROSION CONTROL & STORM WATER CONTROL PLANS
OF RESIDENCE
RAVEN RESIDENCE
A.P.N.: 008-401-010
FOR
PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA
MR. & MRS. SCOTT AND CHARLYSE RAVEN

SCALE: AS SHOWN
DATE: APRIL 2016
JOB NO. 1520-01

No.	DATE	BY	REVISION
06/02/17	AMS	ARCH'S NEW SITE PLAN	
06/30/16	AMS	ARCH'S NEW SITE PLAN	
05/25/16	AMS	RELEASED TO CLIENT	
05/10/16	AMS	CONCEPTUAL G.D. & S.W.C. PLAN	

SHEET **C8**
OF 8 SHEETS



Michelle Comeau
Landscape Design
&
Installation

P.O. Box 6327
Carmel, Ca. 95921
P: 831-620-0111
F: 831-620-0105

michelle@comeau.design

Raven Residence
3215 Whitman Lane
Pebble Beach, Ca.

Landscape Plan Prepared For:

Sheet Title:
Planting Plan

Date: 5.8.17

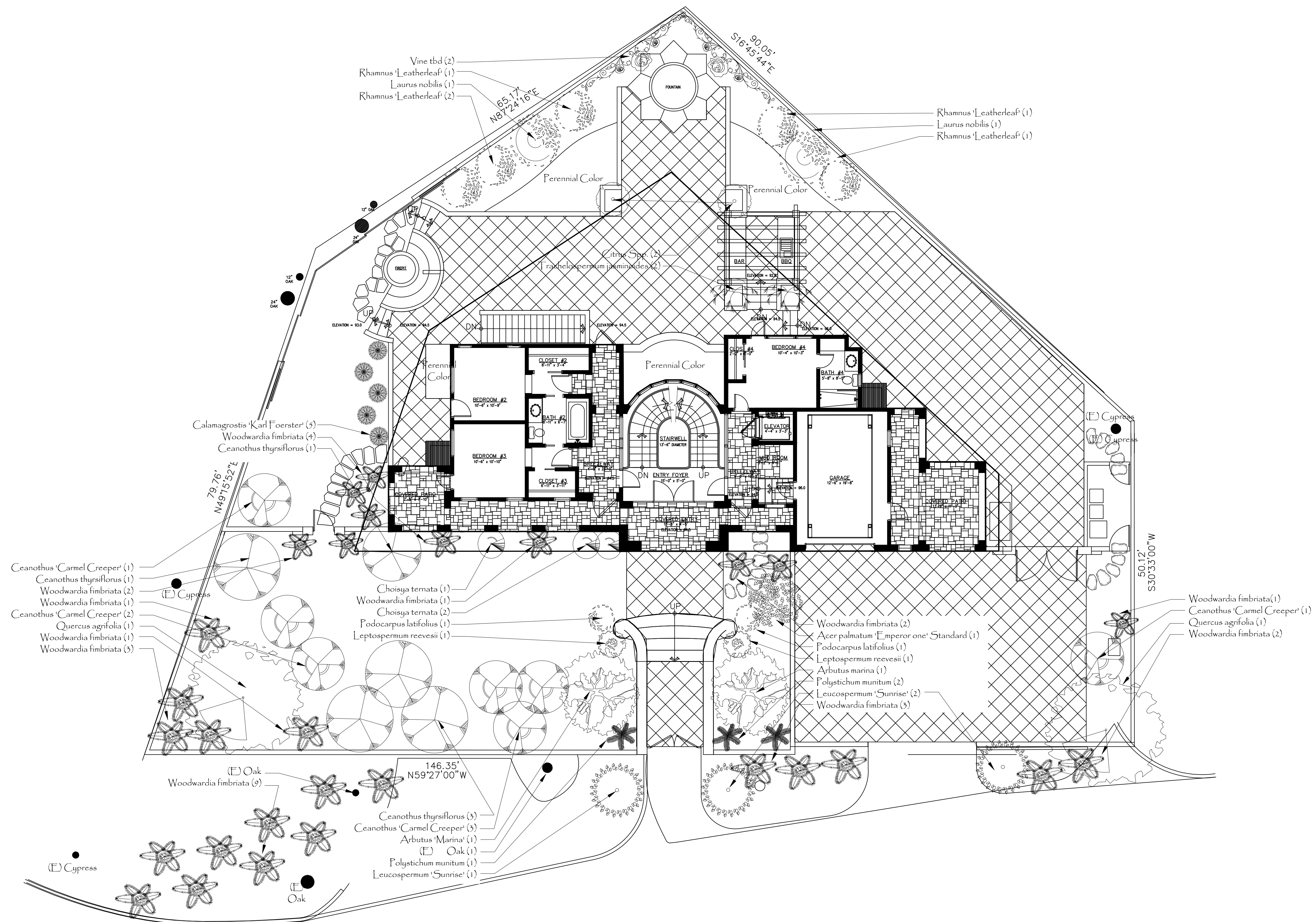
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Drawn By: GM

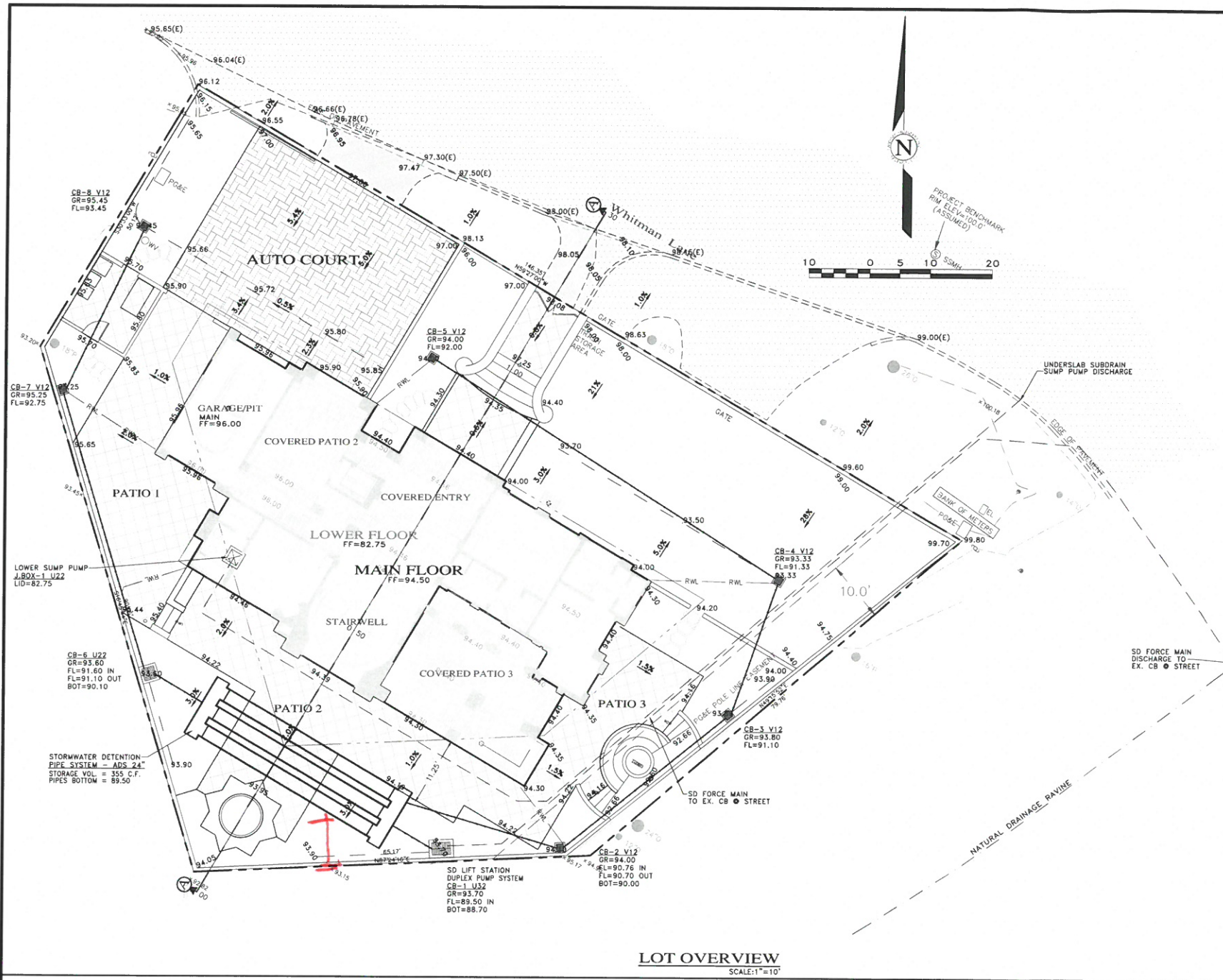
Revised:

Sheet: L-1

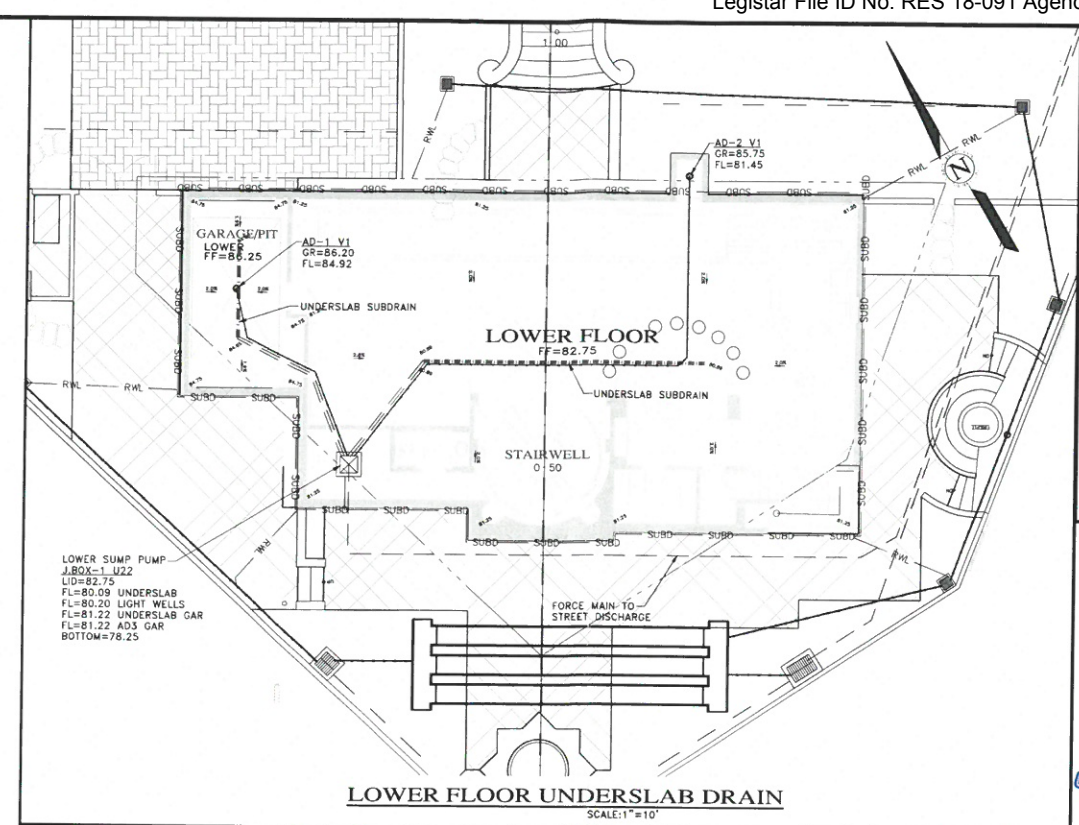
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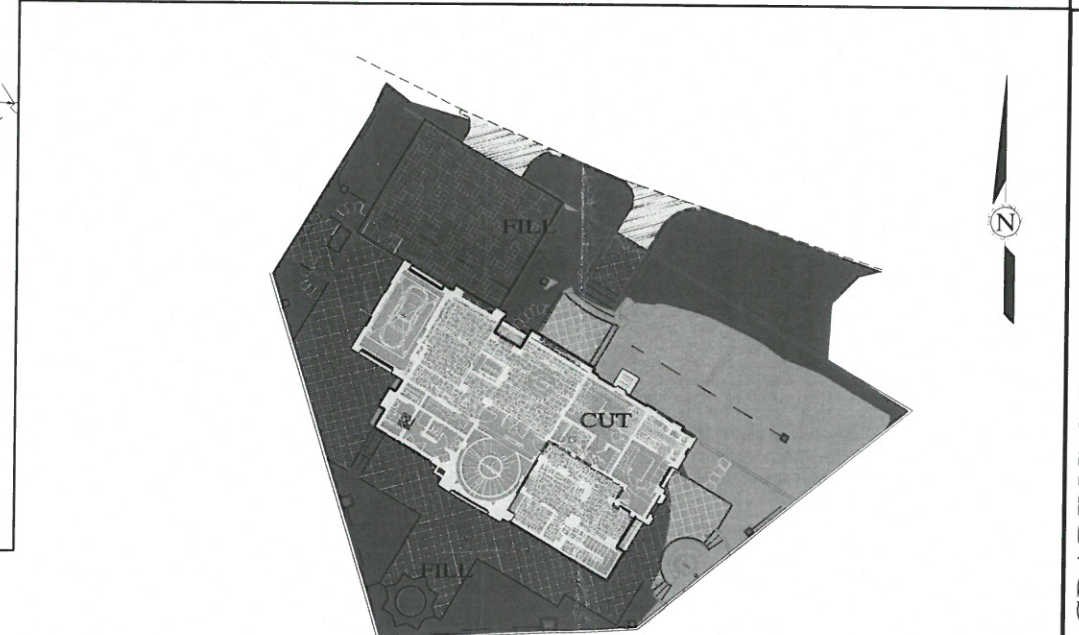
I, Michelle Comeau, certify that this landscape and irrigation plan complies with all County Landscape Requirements including the use of native, drought tolerant, non-invasive species, limited turf and the use of low flow water conserving irrigation fixtures.
Michelle Comeau
Michelle Comeau



LOT OVERVIEW
SCALE: 1"=10'



LOWER FLOOR UNDERSLAB DRAIN
SCALE: 1"=10'



CUT-FILL AREAS
SCALE: 1"=20'

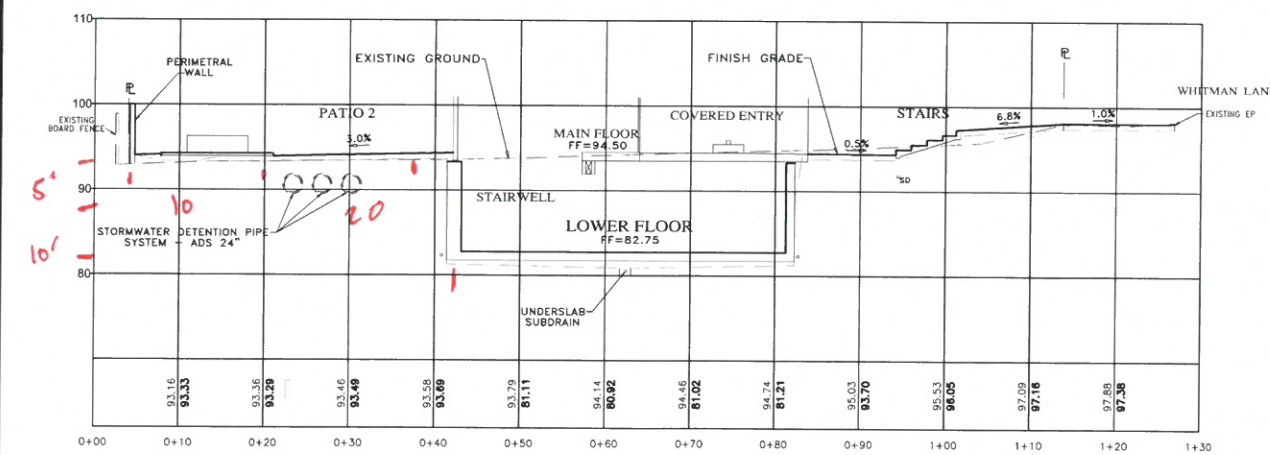
Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
1520-VOL EXRG	1.000	1.000	12525.54 Sq. Ft.	1621.79 Cu. Yd.	151.10 Cu. Yd.	1470.69 Cu. Yd.<Cuts>
Totals			12525.54 Sq. Ft.	1621.79 Cu. Yd.	151.10 Cu. Yd.	1470.69 Cu. Yd.<Cuts>

Monterey County
Water Resources Agency

MAY 13 2016

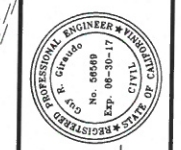
Plan Approved By *[Signature]*
Preliminary
Drainage Plan



SECTION A-A
SCALE: 1"=10' H&V

GENERAL NOTES:

- PROJECT DESIGN BASED ON INFORMATION PROVIDED AND SHOWN ON THE SITE PLAN FOR THE RAVEN RESIDENCE. SHEET A1.0 PREPARED BY ERIC MILLER ARCHITECTS, INC., DATED 05/17/16, AND THE BASE TOPOGRAPHIC INFORMATION PREPARED BY OTHERS.
- THE INTENT AND PURPOSE OF THE GRADING IS TO PROVIDE FOR A NEW SINGLE FAMILY RESIDENCE.
- THERE ARE APPROXIMATELY 1,622 C.Y. OF CUT AND 152 C.Y. OF FILL, WITH A SURPLUS OF 1,470 C.Y.
- THE ANTICIPATED MAXIMUM CUT IS 14'.
- TO MITIGATE ANY POTENTIAL ADVERSE IMPACTS TO NEIGHBORING PROPERTIES LOCATED DOWNSTREAM OF THE DEVELOPMENT, ALL DRAINAGE UP TO THE 100-YR STORM EVENT SHALL BE ROUTED TO AN ON-SITE SUBSURFACE PIPE DETENTION FACILITY. THE STORMWATER WILL BE PUMPED TO STREET LEVEL (WHITMAN LN.) AT THE 10-YR PRE-DEVELOPED RATE AND CONNECTED INTO THE ROADWAY CATCH BASIN LOCATED TO THE SOUTHEAST OF THE PROPERTY WHICH OUTLETS INTO THE NATURAL DRAINAGE RAVINE.



APPROVED BY:
GUY R. GIRAUDO



CONCEPTUAL GRADING & DRAINAGE PLAN
OF
RAVEN RESIDENCE
A.P.N.: 008-401-010
PEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA
MR. & MRS. SCOTT AND CHARLYSE RAVEN

SCALE: AS SHOWN
DATE: APRIL 2016
JOB NO. 1520-01

SHEET C1
OF 1 SHEETS

No.	DATE	BY	REVISION
05/10/16	AMS	ARCH'S SITE PLAN UPDATE & MO.CO. WATER RESOURCES REVIEW	
04/06/16	AMS	RELEASED TO CLIENT	



APPROVED BY:
GUY R. GIRAUDDO



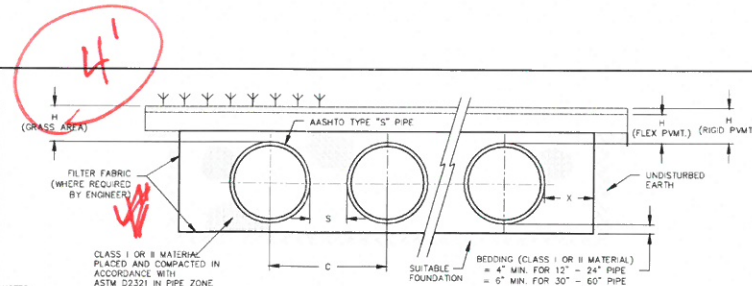
CONCEPTUAL STORM WATER CONTROL PLAN
OF
RAVEN RESIDENCE
A.P.N.: 008-401-010
FOR
PIEBBLE BEACH, MONTEREY COUNTY, CALIFORNIA
MR. & MRS. SCOTT AND CHARLYSE RAVEN

TOTAL LOT AREA	
11,399 sq.ft. = 0.2617 Ac.	
PERVIOUS POST-DEVELOPED AREA	4,369 SQ.FT.
IMPERVIOUS POST-DEVELOPED AREA	7,030 SQ.FT.

IMPERVIOUS POST-DEVELOPED AREA	
7,030 sq.ft.	
BUILDING - ROOF	2,905 SQ.FT.
AUTOCOURT - PAVERS	1,155 SQ.FT.
PATIOS - CONCRETE	2,970 SQ.FT.

1520 - RAVEN RESIDENCE - 10 yr Pre-Development Peak Flow Rates										
DRAIN AREA	CONTRIBUTING AREA DESCRIPTION	WATERSHED AREA (C.F.)	WATERSHED AREA (AC)	FLOW DISTANCE (FT)	ELEV. OFF. (FT)	SLOPE (FT/FT)	TIME OF CONCENTRATION (MIN)	INTENSITY (MM)	RUNOFF COEFFICIENT	PEAK FLOW RATE (C.F.S.)
DRAINAGE AREAS WITH FLOW FOR STORAGE & RECHARGE										
Existing	del	11399	0.2617	125	6	0.048	11	0.884	2.08	0.25
										10 YEARS PRE-DEVELOPMENT RUNOFF FOR DISTURBED AREAS
										0.14

100-yr POST - DEVELOPMENT PEAK FLOW RATE (MODIFIED RATIONAL METHOD)										
(WITH A DISCHARGE OF 10YR PRE-DEVELOPMENT PEAK FLOW RATE)										
AREA	CONTRIBUTING AREA DESCRIPTION	WATERSHED AREA (C.F.)	WATERSHED AREA (AC)	FLOW DISTANCE (FT)	ELEV. OFF. (FT)	SLOPE (FT/FT)	TIME OF CONCENTRATION (MIN)	INTENSITY (MM)	RUNOFF COEFFICIENT	PEAK FLOW RATE (C.F.S.)
11,399.00		0.2617		125	6	0.048	11	0.884	2.08	0.25

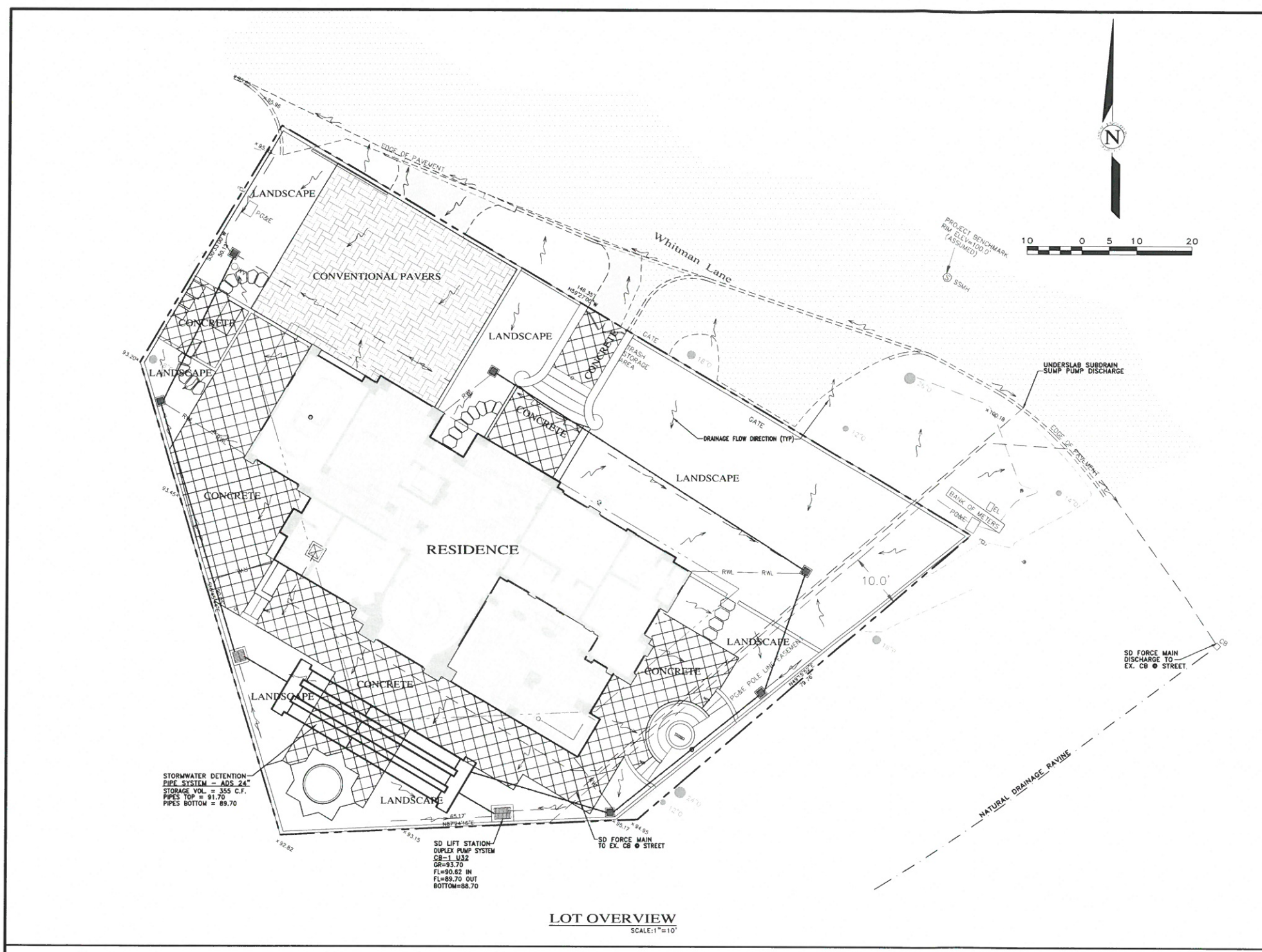


- NOTES:
- ALL REFERENCES TO CLASS I OR II MATERIAL ARE PER ASTM D2321 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST EDITION.
 - ALL RETENTION AND DETENTION SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, LATEST EDITION AND THE MANUFACTURER'S PUBLISHED INSTALLATION GUIDELINES.
 - MEASURES SHOULD BE TAKEN TO PREVENT THE MIGRATION OF NATIVE FINES INTO THE BACKFILL MATERIAL, WHEN REQUIRED, SEE ASTM D2321.
 - FILTER FABRIC: A GEOTEXTILE FABRIC MAY BE USED AS NOTIFIED BY THE ENGINEER TO PREVENT THE MIGRATION OF FINES FROM THE NATIVE SOIL INTO THE SELECT BACKFILL MATERIAL.
 - FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
 - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I OR II. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm) FOR 30"-60" (750mm-900mm).
 - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I OR II IN THE PIPE ZONE EXTENDING NOT LESS THAN 6' ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
 - MINIMUM COVER: MINIMUM COVER OVER ALL RETENTION/DETENTION SYSTEMS IN HIGH TRAFFIC AREAS SHALL BE 18" (450mm).

MONTEREY COUNTY WATER RESOURCES AGENCY
APR 13 2016
Preliminary Drainage map

NO.	DATE	BY	REVISION
05/10/16	AMS		ARCH'S SITE PLAN UPDATE & M.C.C. WATER RESOURCES RELEASED TO CLIENT
04/06/16	AMS		RELEASED TO CLIENT

SCALE: AS SHOWN
DATE: APRIL 2016
JOB NO. 1520-01
SHEET SW1
OF 1 SHEETS



- GENERAL NOTES:**
- ALL WORK SHALL BE IN CONFORMANCE WITH THE STORMWATER POLICIES OF THE DEL MONTE FOREST LAND USE PLAN.
 - NEW DEVELOPMENT SHALL BE SITED AND DESIGNED TO MINIMIZE RUNOFF THROUGH THE USE OF PERMEABLE SURFACES, FILTRATION STRIPS, AND USE OF ENGINEERED COLLECTION/TREATMENT UNITS.
 - NON-POINT SOURCES OF POLLUTION TO CARMEL BAY SHALL BE AVOIDED TO THE MAXIMUM EXTENT POSSIBLE WITH THE USE OF DESIGNED DRAINAGE AND RUNOFF CONTROL SYSTEMS.
 - PROVISIONS SHALL BE MADE TO COLLECT AND CONDUCT RUNOFF TO DRAINAGE AREAS/DEVICES CAPABLE OF POLLUTED RUNOFF FILTRATION/TREATMENT TO ENSURE MAXIMUM ON-SITE FILTRATION/TREATMENT.
 - THIS PROJECT WILL CREATE 7,030 SQUARE FEET OF NEW IMPERVIOUS SURFACES. ALL STORMWATER RUNOFF SHALL BE COLLECTED BY A COMBINATION OF RAINWATER LEADERS, CATCH BASINS & SWALES AND PREVENTED FROM FREE FLOWING ONTO ADJACENT PROPERTIES. ON-SITE CATCH BASINS SHALL BE EQUIPPED WITH STORMFILTERS TO TREAT THE STORM WATER AND PREVENT POLLUTANT LOADS AND CONCENTRATIONS, AND TO REDUCE THE ENVIRONMENTAL IMPACTS AS MUCH AS POSSIBLE.
 - DUE TO THE SITE LOCATION AND SENSITIVE NATURE OF THE PROJECT, MITIGATION MEASURES SHALL BE REQUIRED BY THE MONTEREY COUNTY WATER RESOURCES AGENCY TO PREVENT ANY POTENTIAL ADVERSE IMPACTS DOWNSTREAM. THE STORM WATER WILL BE ROUTED TO AN ON-SITE SUBSURFACE DETENTION FACILITY WITH STORAGE CAPABLE OF HANDLING THE 100-YR STORM EVENT LOCATED AT THE LOWER SOUTHWESTERLY SIDE OF THE PROPERTY. THE STORM WATER WILL BE PUMPED TO STREET LEVEL (WHITMAN LANE) AT THE 10-YR PREDEVELOPED RATE AND CONNECTED INTO THE ROADWAY CATCH BASIN LOCATED TO THE SOUTHEAST OF THE PROPERTY WHICH OUTLETS INTO THE NATURAL DRAINAGE RAVINE.

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