#### CALIFORNIA COASTAL COMMISSION

South Coast Area Office 200 Oceangate, Suite 1000 Long Beach, CA 90802-4302 (562) 590-5071



# Th9d

Filed:	9/9/2016
180th Day:	3/8/2016
Staff:	S. Vaughn-LB
Staff Report:	9/15/2016
Hearing Date:	10/06/2016

## STAFF REPORT: CONSENT CALENDAR

Application No.:	5-16-0419			
Applicant:	William Von Blasingame			
Agent:	Edward Gulian			
Location:	16381 South Pacific Avenue, Sunset Beach, City of Huntington Beach, Orange County (APN 178-512-10)			
Project Description:	Demolition of a two-story single-family residence and construction of a 3,915 sq. ft., 35-foot high, three-story single-family residence with an attached 600 sq. ft., two-car garage on a, 2,100 sq. ft., beachfront lot.			
Staff Recommendation:	Approval with conditions.			

#### SUMMARY OF STAFF RECOMMENDATION

The applicant is proposing construction of a new beach-fronting single-family residence, with no encroachments onto the adjacent sandy beach. The major issues of this staff report concern beachfront development that could be affected by wave up rush and flooding during strong storm events.

Staff is recommending APPROVAL of the proposed project with six (6) special conditions regarding: 1) assumption of risk; 2) no future shoreline protective device; 3) conformance with the submitted drainage plan; 4) storage of construction materials, mechanized equipment and

removal of construction debris; 5) future development; and 6) a deed restriction against the property referencing all of the Special Conditions contained in this staff report.

Section 30600(c) of the Coastal Act provides for the issuance of coastal development permits directly by the Commission in regions where the local government having jurisdiction does not have a certified Local Coastal Program for the relevant area. The Sunset Beach area was recently annexed to the City of Huntington Beach. Although the City has a certified LCP, the newly incorporated area hasn't been incorporated into certified LCP. Therefore, the Coastal Coastal Commission is the permit issuing entity and the standard of review is Chapter 3 of the Coastal Act.

# TABLE OF CONTENTS

I. MOTION AND RESOLUTION	4
II. STANDARD CONDITIONS	4
III. SPECIAL CONDITIONS	5
IV. FINDINGS AND DECLARATIONS	7
A. PROJECT LOCATION AND DESCRIPTION	7
B. Hazards	9
C. DEVELOPMENT	-
D. PUBLIC ACCESS	
E. WATER QUALITY	10
F. DEED RESTRICTION	11
G. LOCAL COASTAL PROGRAM	11
H. CALIFORNIA ENVIRONMENTAL QUALITY ACT	11

#### **APPENDICES**

Appendix A – Substantive File Documents

#### **EXHIBITS**

Exhibit 1 – Area Map and Aerial Photos Exhibit 2 – Project Plans

#### I. MOTION AND RESOLUTION

#### Motion:

I move that the Commission **approve** the Coastal Development Permit Applications included in the consent calendar in accordance with the staff recommendations.

Staff recommends a **YES** vote. Passage of this motion will result in approval of all the permits included on the consent calendar. The motion passes only by affirmative vote of a majority of the Commissioners present.

#### **Resolution:**

The Commission hereby approves a coastal development permit for the proposed development and adopts the findings set forth below on grounds that the development as conditioned will be in conformity with the policies of Chapter 3 of the Coastal Act and will not prejudice the ability of the local government having jurisdiction over the area to prepare a Local Coastal Program conforming to the provisions of Chapter 3. Approval of the permit complies with the California Environmental Quality Act because either 1) feasible mitigation measures and/or alternatives have been incorporated to substantially lessen any significant adverse effects of the development on the environment, or 2) there are no further feasible mitigation measures or alternatives that would substantially lessen any significant adverse impacts of the development on the environment.

### **II. STANDARD CONDITIONS**

This permit is granted subject to the following standard conditions:

- 1. **Notice of Receipt and Acknowledgment.** The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
- 2. **Expiration.** If development has not commenced, the permit will expire two years from the date on which the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
- 3. **Interpretation.** Any questions of intent or interpretation of any condition will be resolved by the Executive Director or the Commission.
- 4. **Assignment.** The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
- 5. **Terms and Conditions Run with the Land.** These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

#### **III. SPECIAL CONDITIONS**

This permit is granted subject to the following special conditions:

- 1. **Assumption of Risk, Waiver of Liability and Indemnity.** By acceptance of this permit, the applicant acknowledges and agrees (i) that the site may be subject to hazards from erosion, flooding, wave uprush, and sea level rise; (ii) to assume the risks to the applicant and the property that is the subject of this permit of injury and damage from such hazards in connection with this permitted development; (iii) to unconditionally waive any claim of damage or liability against the Commission, its officers, agents, and employees for injury or damage from such hazards; and (iv) to indemnify and hold harmless the Commission, its officers, agents, and employees with respect to the Commission's approval of the project against any and all liability, claims, demands, damages, costs (including costs and fees incurred in defense of such claims), expenses, and amounts paid in settlement arising from any injury or damage due to such hazards.
- 2. **No Future Shoreline Protective Device.** By acceptance of this permit, the applicant agrees, on behalf of itself and all other successors and assigns, that no shoreline protective device(s) shall ever be constructed to protect the development approved pursuant to Coastal Development Permit No. 5-16-0419 including, but not limited to, the residence, garage, foundations, and any future improvements, in the event that the development is threatened with damage or destruction from waves, erosion, storm conditions, sea level rise, or other natural hazards in the future. By acceptance of this permit, the applicant hereby waives, on behalf of itself and all successors and assigns, any rights to construct such devices that may exist under Public Resources Code Section 30235.

By acceptance of this permit, the applicant further agrees, on behalf of itself and all successors and assigns, that the landowner(s) shall remove the development authorized by this permit, including the residence, garage, foundations, and hardscape if any government agency has ordered that the structure is not to be occupied due to any of the hazards identified above. In the event that portions of the development fall to the beach before they are removed, the landowner(s) shall remove all recoverable debris associated with the development from the beach and ocean and lawfully dispose of the material in an approved disposal site. Such removal shall require a coastal development permit.

3. **Drainage Plan.** The applicant shall conform to the site drainage details depicted in the site plan dated 9/14/2016 and received in the Commission's office on 9/15/2016 indicating use of bottomless trench drains at the rear and sides of the lot for on-site percolation of runoff from all impervious areas. Any proposed changes to the approved plan shall be reported to the Executive Director. No changes to the approved plan shall occur without a Commission amendment to this coastal development permit unless the Executive Director determines that no amendment is legally required.

# 4. Storage of Construction Materials, Mechanized Equipment and Removal of Construction Debris. The permittee shall comply with the following construction-related requirements:

- (a) No demolition or construction materials, debris, or waste shall be placed or stored on the beach or anywhere it may enter sensitive habitat, receiving waters or a storm drain, or be subject to wave, wind, rain, or tidal erosion and dispersion.
- (b) No demolition or construction equipment, materials, or activity shall be placed in or occur in any location that would result in impacts to environmentally sensitive habitat areas, streams, wetlands or their buffers.
- (c) Any and all debris resulting from demolition or construction activities shall be removed from the project site within 24 hours of completion of the project.
- (d) Demolition or construction debris and sediment shall be removed from work areas each day that demolition or construction occurs to prevent the accumulation of sediment and other debris that may be discharged into coastal waters.
- (e) All trash and debris shall be disposed in the proper trash and recycling receptacles at the end of every construction day.
- (f) The applicant shall provide adequate disposal facilities for solid waste, including excess concrete, produced during demolition or construction.
- (g) Debris shall be disposed of at a legal disposal site or recycled at a recycling facility. If the disposal site is located in the coastal zone, a coastal development permit or an amendment to this permit shall be required before disposal can take place unless the Executive Director determines that no amendment or new permit is legally required.
- (h) All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil.
- (i) Machinery and equipment shall be maintained and washed in confined areas specifically designed to control runoff. Thinners or solvents shall not be discharged into sanitary or storm sewer systems.
- (j) The discharge of any hazardous materials into any receiving waters shall be prohibited.
- (k) Spill prevention and control measures shall be implemented to ensure the proper handling and storage of petroleum products and other construction materials. Measures shall include a designated fueling and vehicle maintenance area with appropriate berms and protection to prevent any spillage of gasoline or related petroleum products or contact with runoff. The area shall be located as far away from the receiving waters and storm drain inlets as possible.
- (1) Best Management Practices (BMPs) and Good Housekeeping Practices (GHPs) designed to prevent spillage and/or runoff of demolition or construction-related materials, and to contain sediment or contaminants associated with demolition or construction activity, shall be implemented prior to the on-set of such activity
- (m) All BMPs shall be maintained in a functional condition throughout the duration of construction activity.

- 5. Future Development. This permit is only for the development described in Coastal Development Permit No. 5-16-0419. Pursuant to Title 14 California Code of Regulations Section 13250(b) (6), the exemptions otherwise provided in Public Resources Code Section 30610(a) shall not apply to the development governed by Coastal Development Permit No. 5-16-0419. Accordingly, any future improvements to the single family residence authorized by this permit, including but not limited to repair and maintenance identified as requiring a permit in Public Resources Section 30610(d) and Title 14 California Code of Regulations Sections 13252(a)-(b), shall require an amendment to Permit No. 5-16-0419 from the Commission or shall require an additional coastal development permit from the Commission or from the applicable certified local government.
- 6. Deed Restriction. PRIOR TO ISSUANCE OF THE COASTAL DEVELOPMENT PERMIT, the applicant shall submit to the Executive Director for review and approval documentation demonstrating that the landowner(s) have executed and recorded against the parcel(s) governed by this permit a deed restriction, in a form and content acceptable to the Executive Director: (1) indicating that, pursuant to this permit, the California Coastal Commission has authorized development on the subject property, subject to terms and conditions that restrict the use and enjoyment of that property; and (2) imposing the Special Conditions of this permit as covenants, conditions and restrictions on the use and enjoyment of the Property. The deed restriction shall include a legal description of the entire parcel or parcels governed by this permit. The deed restriction shall also indicate that, in the event of an extinguishment or termination of the deed restriction for any reason, the terms and conditions of this permit shall continue to restrict the use and enjoyment of the subject property so long as either this permit or the development it authorizes, or any part, modification, or amendment thereof, remains in existence on or with respect to the subject property.

### IV. FINDINGS AND DECLARATIONS

#### A. PROJECT DESCRIPTION AND LOCATION

The applicant is proposing to demolish a two-story single-family residential structure and to construct a 3,915 square-foot, 35-foot high, three-story single-family residence on a caisson grade beam foundation with an attached 600 square-foot, two-car garage on a 2,100 square-foot beach-front lot. No landscaping and only minimal grading for site preparation are proposed. The beach encroachments, including landscaping and hardscaping, that currently exist seaward of the site are proposed to be removed. All of the proposed new development is located on the subject lot. To address water quality concerns, the applicant is proposing bottomless trench drains along rear of the lot and the side yards to allow for onsite infiltration of surface water and water runoff. No landscaping or irrigation system is proposed. Project plans are included as **Exhibit 2**.

The subject site is located at 16381 South Pacific Avenue in the Sunset Beach community of the City of Huntington Beach, Orange County (**Exhibit 1**). The project is located within an existing urban residential area, between 25<sup>th</sup> and 26<sup>th</sup> Streets, on a 2,100 square-foot beachfront lot developed with a two-story single-family residence located between the first public road (South

Pacific Avenue) and the sea. The subject lot is flanked by two-to-three level multi-family residential developments. The site fronts the wide sandy beach (ranging from approximately 395 feet wide [typical winter width] to 470 feet [typical summer width]) located between the subject property and the Pacific Ocean.

Sunset Beach is located in an area that was formerly unincorporated Orange County. In August 2011, Sunset Beach was annexed by the City of Huntington Beach. The Sunset Beach area has not yet been incorporated into the City of Huntington Beach LCP, therefore, the Chapter 3 policies of the Coastal Act are the standard of review. However, the County's previously certified Sunset Beach LCP may be used as guidance.

The formerly certified County of Orange Sunset Beach Local Coastal Program (LCP) designates the site *Sunset Beach Residential – High Density*. The proposed single-family residence is allowable under this higher density designation. The project meets the previously certified Sunset Beach LCP height restriction of 35 feet for the *Sunset Beach Residential* zone. Orange County administered the previously certified Sunset Beach LCP. Previously, the County issued encroachment permits for deck encroachments onto the public beach under a certified LCP beach area regulation which states: *"Permanent above-ground structures on the beach and sand areas shall be prohibited, except for: a) Lifeguard Towers, b) Other facilities necessary for public safety, c) Temporary uses and structures accessory to residential development on contiguous Sunset Beach Residential properties subject to a Coastal Development Permit and a Public Property Encroachment Permit.". The applicant is proposing to remove the encroachments seaward of the site and no new encroachments are proposed.* 

The setback standards in the previously certified Sunset Beach LCP, and the project's proposed setbacks, are as follows:

Setback Description	Required	Project Proposal
Minimum Front (street) Setback at 1 <sup>st</sup> Floor	5' – 0"	5' at First Floor
Minimum Front Setback at Other Floors	0'-6"	6"
Minimum Rear (beach sand/oceanfront) Setback	None required	0'-0''
Side Setback	3'-0"	Varies: 3'-1" – 5'

Vertical public access to the public beach in front of the site is available approximately 70 feet southeast (downcoast) of the subject site at the end of 25<sup>th</sup> Street and approximately 110 feet upcoast at 26<sup>th</sup> Street. Lateral public access along the wide sandy beach is available seaward of the oceanfront property line at the subject site.

Due to its oceanfront location, the project site must be examined for the potential for wave runup and flooding hazard, including consideration of potential impacts due to severe storm events. Toward that end, the applicant provided a Coastal Hazard and Wave Runup Study dated July 6, 2016 by GeoSoils Inc. (Study). The Study concludes that coastal hazards will likely not impact the proposed development over the next 75 years and that there is no anticipated need for a shore protection device over the life of the proposed development. Regarding wave runup, flooding and erosion in the project area and at the project site the GeoSoils Study states:

"The northwest portion of the beach fronting Surfside Colony [located immediately upcoast of Sunset Beach] has been subject to severe erosion as a result of the wave reflection off of the Anaheim Bay Harbor east jetty (USACOE; 1995, 2002). Properties within this reflection zone have been subject to wave runup and minor flooding. The reflection effect is strongest next to the jetty with some measurable effects extending for about 1.5 times the length of the jetty, or to about  $22^{nd}$  street at Sunset Beach. The subject site is located near  $25^{th}$  Street and within the influence of the jetty. This overall area, Sunset Beach & Surfside Colony, is part of a federally mandated Orange County Beach Erosion Control Project (USACOE, 1995). The US Army Corps of Engineers has maintained the beach in this area through [beach sand] nourishment projects since the early 1960's. The Corps has monitored the shoreline monthly since July 1979. The beach in front of the site has not experienced significant long term erosion since the [sand] nourishment activity, and has almost always been wider than 350 feet, and in general over 400 feet wide. The wide sandy beach in front of the subject site has provided more than adequate protection for the property over the last several decades. Over this period, no wave runup has reached the property. The site has not been subject to wave runup for at least the last 40 years and probably longer. This includes the winter storms of 1982-83 and the extreme wave event on January 18 & 19, 1988, the coastal engineering design storms for southern California."

Furthermore, in past winter months, Orange County has created a temporary sand berm on the fronting beach for additional winter storm protection. It is not yet known whether the City of Huntington Beach will continue this practice in future years. Regardless, because a wide beach is maintained by the federal government, the Study referenced above finds that it is unlikely that the beach will become narrow enough for wave runup and associated flooding to reach the site. Furthermore, the GeoSoils Study has evaluated the site for potential flooding, considering potential future sea level rise. The finished floor elevation of the proposed project is +13.30 feet (NAVD88<sup>1</sup>). In addition, the beach fronting the site is at or above 13 NAVD88. The GeoSoils Study states that "[t] hese grades adjacent to the property are above any potential flood elevation from storm surge or extreme tides (maximum future still water elevation of  $\sim$ +9.7 feet NAVD88)." The Study concludes: "Due to the elevation of the structure and grades adjacent to the proposed structure above the ocean and above South Pacific Avenue, the proposed development will be reasonably safe from sustained flooding."

Based on the project engineer's assertion that no shoreline protection is expected to be needed over the life of the structure, the project can be found to be consistent with 30253 of the Coastal Act. However, such predictions cannot be accepted with certainty and therefore we impose the no future shoreline condition.

#### **B. HAZARDS**

Development adjacent to the ocean is inherently hazardous. Development which may require a protective device in the future cannot be allowed due to the adverse impacts such devices have upon, among other things, public access, visual resources and shoreline processes. To minimize the project's impact on shoreline processes, and to minimize risks to life and property, the

<sup>&</sup>lt;sup>1</sup> NAVD88: North American Vertical Datum 1988.

development has been conditioned for one or more of the following: require an appropriate setback from the water; require a drainage and runoff control plan to direct, treat, and minimize the flow of water offsite; prohibit construction of protective devices (such as a seawall) in the future; and to require that the landowner and any successor-in-interest assume the risk of undertaking the development. As conditioned, the Commission finds that the development conforms to the requirements of Sections 30235 and 30253 of the Coastal Act regarding the siting of development in hazardous locations.

#### C. DEVELOPMENT

The development is located within an existing developed area and is compatible with the character and scale of the surrounding area. However, the proposed project raises concerns that future development of the project site potentially may result in a development which is not consistent with the Chapter 3 policies of the Coastal Act. Section 30610 of the Coastal Act provides that certain improvements to existing single-family homes do not require a coastal development permit. Section 13250 of the Commission's regulations lists certain improvements to single-family structures that require a coastal development permit, including those improvements to a structure that is located on a beach. The Commission finds that section 30610 does not apply to the proposed single-family structure because it is located on a beach. Thus, to assure that future improvements are consistent with the Chapter 3 policies of the Coastal Act, the Commission finds that it is necessary to impose a special condition prohibiting the construction of future improvements to the proposed single-family structure without first obtaining a coastal development permit. Therefore, as conditioned, the development conforms to the Chapter 3 policies of the Coastal Act.

#### **D.** PUBLIC ACCESS

The proposed development will not affect the public's ability to gain access to, and/or to use the coast and nearby recreational facilities. Therefore, as proposed the development, as conditioned, conforms to Sections 30210 through 30214, Sections 30220 through 30224, and 30252 of the Coastal Act.

#### **E. WATER QUALITY**

The proposed development has a potential for a discharge of polluted runoff from the project site into coastal waters. The development, as proposed and as conditioned, incorporates design features to minimize the effect of construction and post-construction activities on the marine environment. These design features include, but are not limited to, one or more of the following: the appropriate management of equipment and construction materials, reducing runoff through the use of permeable surfaces, the use of non-invasive drought tolerant vegetation to reduce and treat the runoff discharged from the site, and for the use of post-construction best management practices to minimize the project's adverse impact on coastal waters. Therefore, the Commission finds that the proposed development, as conditioned, conforms to Sections 30230 and 30231 of the Coastal Act regarding the protection of water quality to promote the biological productivity of coastal waters and to protect human health.

#### F. DEED RESTRICTION

To ensure that any prospective future owners of the property are made aware of the applicability of the conditions of this permit, the Commission imposes one additional condition requiring that the property owner record a deed restriction against the property, referencing all of the above Special Conditions of this permit and imposing them as covenants, conditions and restrictions on the use and enjoyment of the Property. Thus any prospective future owner will receive actual notice of the restrictions and/or obligations imposed on the use and enjoyment of the land including the risks of the development and/or hazards to which the site is subject, and the Commission's immunity from liability. Therefore, the Commission finds that the proposed development, as conditioned, conforms to the Coastal Act by ensuring that any successors-in-interest have proper actual notice, recorded against the subject parcel, of the proposed development's required mitigation measures that mitigate the development's impacts on coastal resources.

#### G. LOCAL COASTAL PROGRAM

Coastal Act section 30604(a) states that, prior to certification of a local coastal program ("LCP"), a coastal development permit can only be issued upon a finding that the proposed development is in conformity with Chapter 3 of the Act and that the permitted development will not prejudice the ability of the local government to prepare an LCP that is in conformity with Chapter 3. The Local Coastal Program for Sunset Beach was effectively certified in 1982 and updated in 1992. However, Sunset Beach was annexed into the City of Huntington Beach effective August 2011. This annexation caused the County's LCP for the area to lapse. The Sunset Beach annexation area has not yet been incorporated into the City of Huntington Beach certified Local Coastal Program. Thus, there is no certified LCP for Sunset Beach and, therefore, the Chapter 3 policies of the Coastal Act provide the standard of review for coastal development permits in the area. The previously certified Sunset Beach LCP may be used as guidance. As conditioned, the proposed development is consistent with the Chapter 3 policies of the Coastal Act. Approval of the project, as conditioned, will not prejudice the ability of the local government to prepare an LCP that is in conformity with the provisions of Chapter 3 of the Coastal Act.

#### H. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

Section 13096 of the Commission's regulations requires Commission approval of Coastal Development Permit applications to be supported by a finding showing the application, as conditioned by any conditions of approval, to be consistent with any applicable requirements of the California Environmental Quality Act (CEQA). Section 21080.5(d)(2)(A) of CEQA prohibits a proposed development from being approved if there are feasible alternatives or feasible mitigation measures available which would substantially lessen any significant adverse effect which the activity may have on the environment.

The City of Huntington Beach is the lead agency responsible for CEQA review. As determined by the City, this project is categorically exempt from CEQA pursuant to section 15303(a) of the CEQA Guidelines because the project consists of the construction of one single-family residence located within an urbanized residential zone. As conditioned, there are no additional feasible alternatives or additional feasible mitigation measures available which will substantially lessen any significant adverse impact the activity would have on the environment. Therefore, the Commission finds that the proposed project, as conditioned to mitigate the identified possible impacts, is consistent with CEQA and the policies of the Coastal Act.

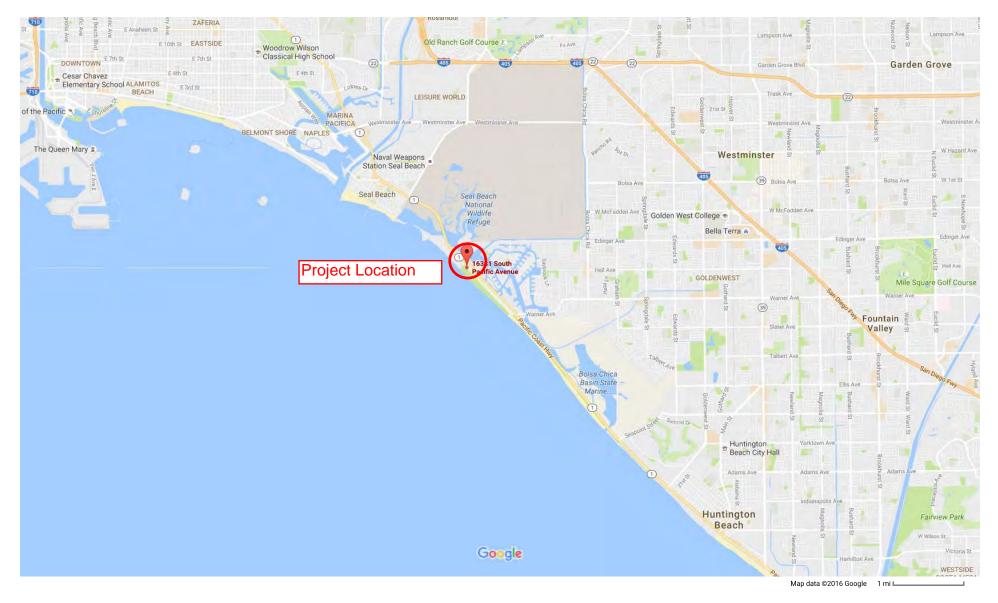
#### 5-16-0419 (Von Blasingame)

#### **APPENDIX A**

#### SUBSTANTIVE FILE DOCUMENTS

- 1) Previously Certified Sunset Beach Local Coastal Program
- 2) City of Huntington Beach Administrative Permit No. 16-001 (Gulian/von Blasingame) Approval in Concept
- 3) GeoSoils, July 6, 2016, "Coastal Hazard & Wave Runup Study for 16381 South Pacific Avenue, Sunset Beach, County of Orange, California"

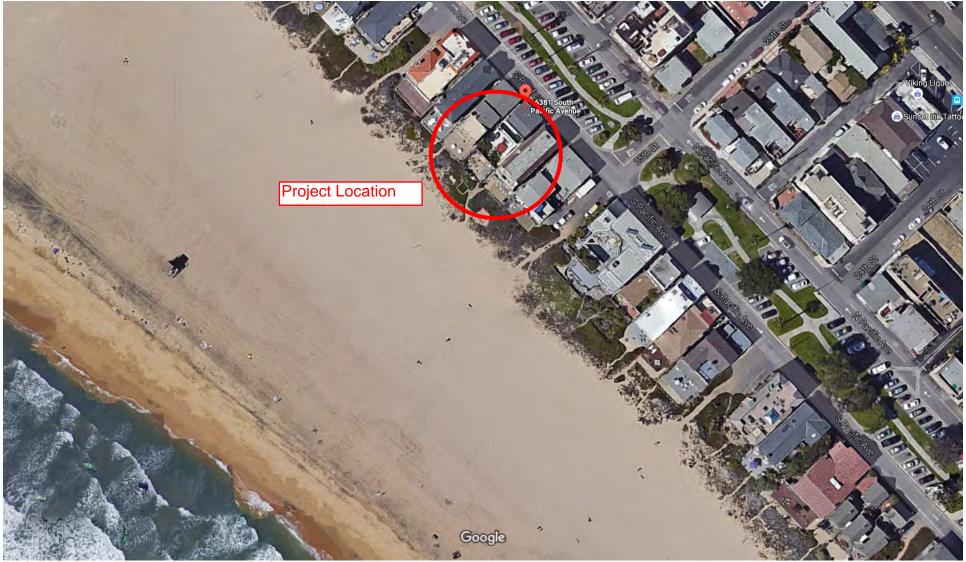
#### Google Maps 16381 S Pacific Ave



Coastal Commission Exhibit #1 5-16-0419

Page 1 of 2

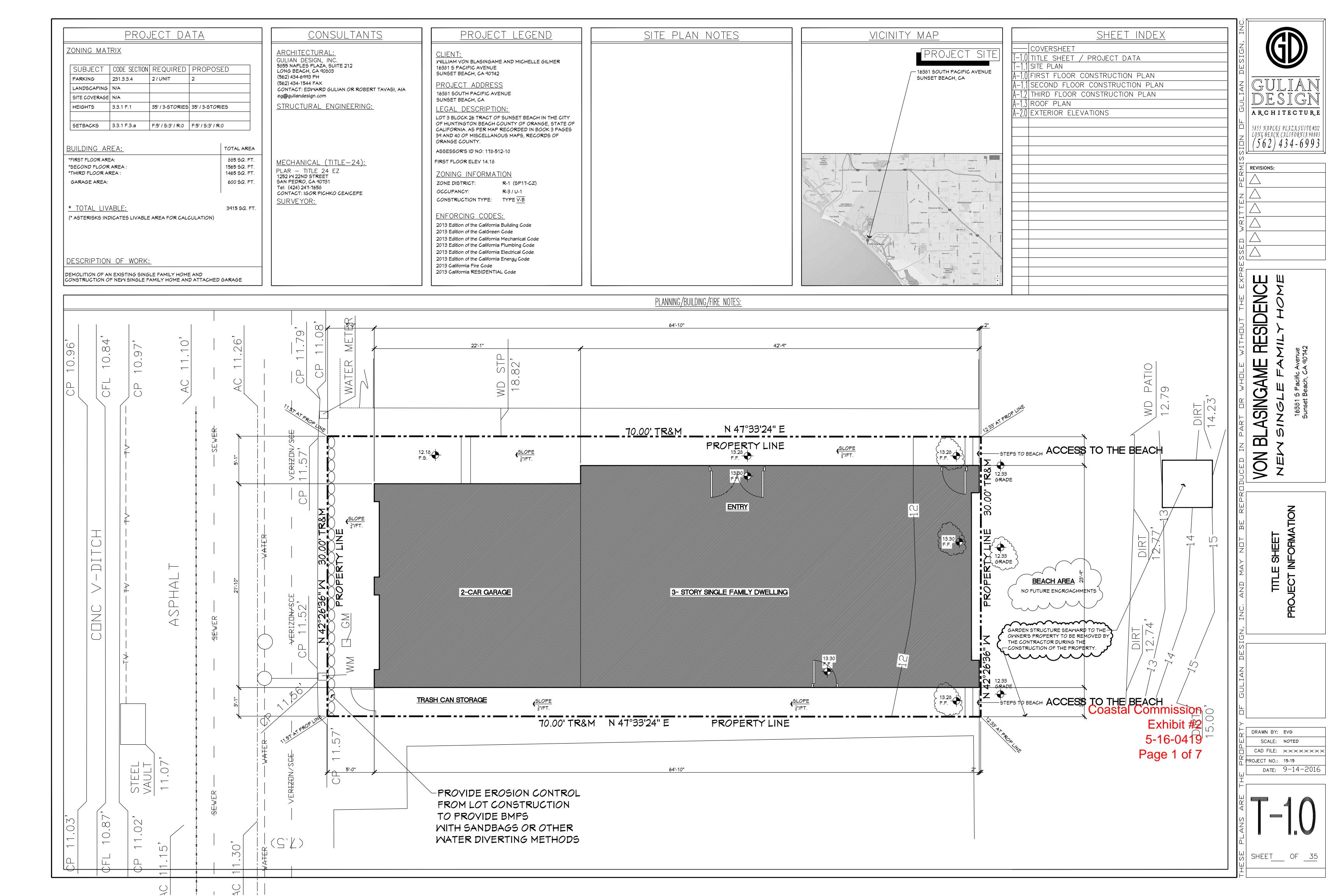


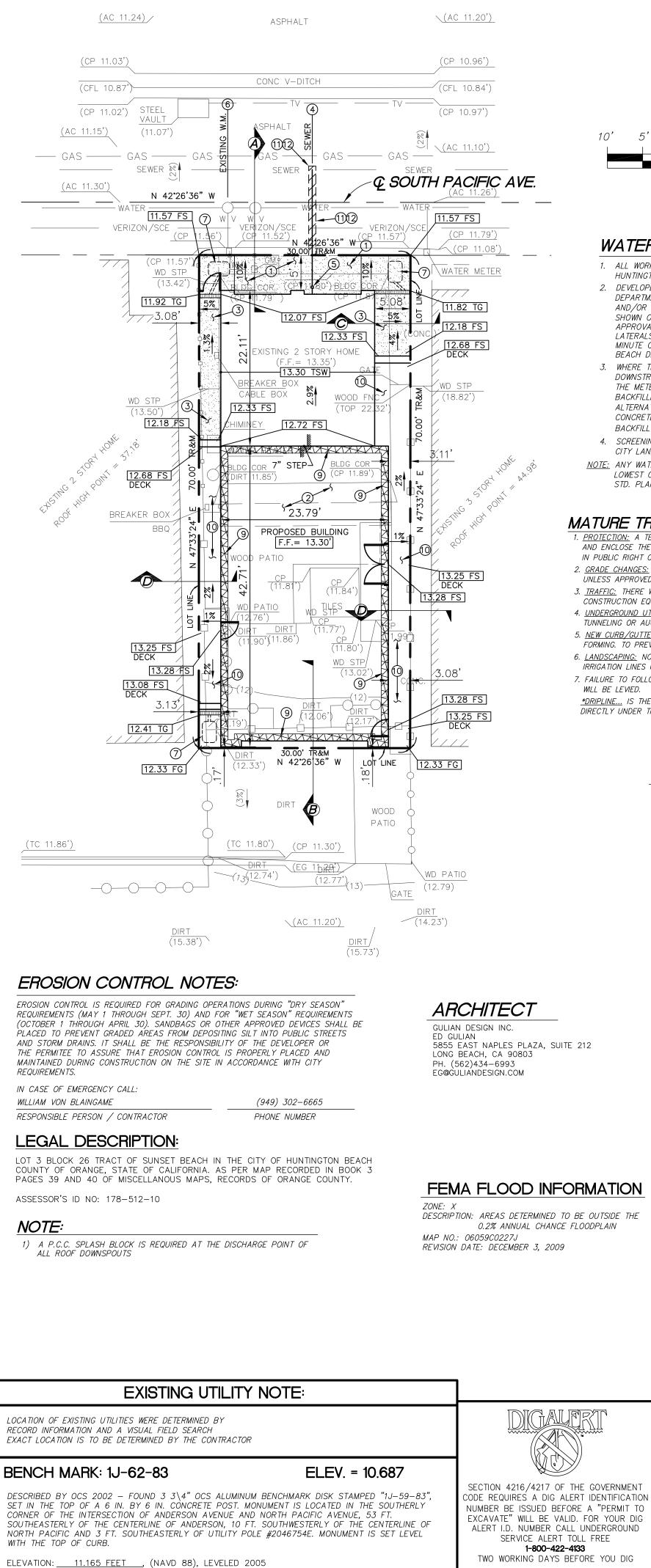


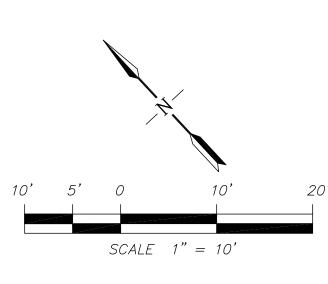
Imagery ©2016 Google, Map data ©2016 Google 50 ft

Coastal Commission Exhibit #1 5-16-0419

Page 2 of 2







# WATER NOTES:

- 1. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE TO THE LATEST CITY OF HUNTINGTON BEACH WATER DIVISION STANDARDS.
- 2. DEVELOPER IS RESPONSIBLE TO COORDINATE WITH CITY OF HUNTINGTON BEACH DEPARTMENT OF BUILDING AND SAFETY FOR THE SIZE OF WATER METER(S) AND/OR SERVICE LATERAL(S) REQUIRED. METER AND SERVICE LATERAL(S) SIZES SHOWN ON THIS PLAN WILL REQUIRE CITY BUILDING AND/OR FIRE DEPARTMENT APPROVAL. DEVELOPER IS RESPONSIBLE FOR COST OF REPLACING UNDERSIZED IATERALS & METERS DUE TO INCORRECT FIXTURE UNIT COUNTS, GALLON PER
- MINUTE CALCULATIONS, OR LACK OF COORDINATION WITH CITY OF HUNTINGTON BEACH DEPARTMENT OF BUILDING AND SAFETY. 3. WHERE THE BACKFLOW PROTECTION DEVICE IS NOT LOCATED IMMEDIATELY DOWNSTREAM OF THE CITY RIGHT-OF-WAY, ALL UNDERGROUND PIPING BETWEEN THE METER AND BACKFLOW PROTECTION DEVICE SHALL BE SLEEVED AND BACKFILLED WITH TWO-SACK SLURRY TO 12 INCHES BELOW FINISH GRADE. ALTERNATIVELY, IF UNDERGROUND PIPING IS LOCATED DIRECTLY BENEATH CONCRETE PAVEMENT, THE UNDERGROUND PIPING SHALL BE SLEEVED, SLURRY
- BACKFILL IS NOT REQUIRED. 4. SCREENING OF BACKFLOW PROTECTION DEVICE SHALL BE APPROVED BY THE CITY LANDSCAPE ARCHITECT.
- NOTE: ANY WATER SERVICE WITH A FIXTURE EXCEEDING 20 FEET ABOVE THE TOP OF LOWEST CURB ELEVATION SHALL HAVE BACKFLOW PROTECTION PER CITY OF H.B. STD. PLAN 609A. COMMERCIAL AND INDUSTRIAL REQUIRE PROTECTION ALL THE TIME.

# MATURE TREE PROTECTION AND MAINTENANCE

- . <u>PROTECTION:</u> A TEMPORARY 6' HIGH FENCE (CHAIN LINK OR SAFETY FENCE) WILL BE INSTALLED AND ENCLOSE THE TREE OR TREES 10' FROM THE TRUNK. SPECIAL PRECAUTIONS MAY BE REQUIRED IN PUBLIC RIGHT OF WAYS.
- 2. <u>GRADE CHANGES:</u> THERE WILL BE NO REMOVAL OR FILLING OF SOIL WITHIN THE TREES \*DRIPLINE UNLESS APPROVED BY THE CITY.
- 3. TRAFFIC: THERE WILL BE NO PARKING OF VEHICLES, STOCKPILING OF BUILDING MATERIALS OR CONSTRUCTION EQUIPMENT TRAFFIC ALLOWED UNDER THE TREES DRIPLINE.
- 4. UNDERGROUND UTILITIES: WHEN UNDERGROUND UTILITIES MUST BE INSTALLED CLOSE TO TREES, TUNNELING OR AUGURING IS REQUIRED.
- 5. <u>NEW CURB/GUTTER/AC:</u> CAREFULLY LIFT OFF CURB/GUTTER/AC PAVING. HAND TRENCH FOR NEW
- FORMING. TO PREVENT RIPPING, ROOTS WILL BE ROOT PRUNED TO A MINIMUM 18" DEEP. 6. LANDSCAPING: NO ROTO-TILLING ALLOWED UNDER THE TREES \*DRIPLINE. HAND TRENCH ALL IRRIGATION LINES UNDER TREES \*DRIPLINE.
- 7. FAILURE TO FOLLOW THESE GUIDELINES AND IF THE TREES ARE NEGATIVELY AFFECTED, FINES WILL BE LEVIED.
- \*DRIPLINE ... IS THE CIRCLE THAT COULD BE DRAWN ON THE SOIL AROUND THE TREE DIRECTLY UNDER THE TIPS OF ITS OUTERMOST BRANCHES.

### PRIVATE ENGINEER'S GENERAL NOTES AND NOTICE TO CONTRACTOR

- 11. TWO WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, 1. THE CONTRACTOR SHALL CHECK ALL DRAWINGS AND SPECIFICATIONS FURNISHED HIM IMMEDIATELY UPON THEIR RECEIPT, AND SHALL CONTRACTOR SHALL NOTIFY "UNDERGROUND SERVICE ALERT" AT 1-800-422-41.33 PROMPTLY NOTIEY THE OWNERS OF ANY DISCREPANCIES HEREIN 12. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING STRUCTURES ANY ERRORS, OMISSIONS, AMBIGUITIES OR DISCREPANCIES BE FOUND ON THE DRAWINGS OR IN THE SPECIFICATIONS TO WHICH THE EXCEPT THOSE THAT ARE SPECIFICALLY IDENTIFIED TO BE REMOVED. CONTRACTOR FAILED TO CALL ATTENTION BEFORE SUBMITTING HIS BID, THE CONTRACTOR SHALL NOT POUR ANY CONCRETE UNTIL THE ELEVATION THEN THE OWNERS REPRESENTATIVE WILL INTERPRET THE INTENT OF THE AND LOCATION OF ALL WORK IS VERIFIED BY THE ENGINEER OF RECORD. DRAWINGS OR SPECIFICATIONS AND THE CONTRACTOR WILL PERFORM THE 14. THE CONTRACTOR SHALL SCHEDULE A PRE-JOB MEETING WITH THE OWNER WORK IN ACCORDANCE WITH SUCH INTERPRETATION. AND ENGINEER PRIOR TO STARTING WORK.
- 2. ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR, AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDFRS
- 3. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDFRS 4. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE
- RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- 5. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL HAVE A VALID CONTRACTORS LICENSE AND MAINTAIN ADEQUATE WORKMAN'S COMPENSATION AS REQUIRED BY THE STATE OF CALIFORNIA AND ALSO PUBLIC LIABILITY INSURANCE NAMING THE OWNER AS ADDITIONAL INSURED. THE CONTRACTOR SHALL SUPPLY THE OWNER WITH THESE INSURANCE CERTIFICATES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO
- EXISTING UTILITIES EXCEPT AS SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES AND STRUCTURES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT OF RECORD, OR NOT SHOWN ON THIS PLAN. 7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE, AND CROSS-CHECK DETAILS AND DIMENSIONS SHOWN ON THE DRAWING. THE ENGINEER
- 8. IN ALL CASES WHERE CONFLICT MAY OCCUR BETWEEN GENERAL NOTES AND SPECIFIC DETAILS, THEN THE OWNERS REPRESENTATIVE SHALL BE NOTIFIED AND HE WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS. 9. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, DETAILS
- OR SECTIONS ON DRAWINGS 10. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF HUNTINGTON BEACH PUBLIC WORKS DEPT. STANDARDS AS AMENDED TO DATE, UNLESS OTHERWISE NOTED.

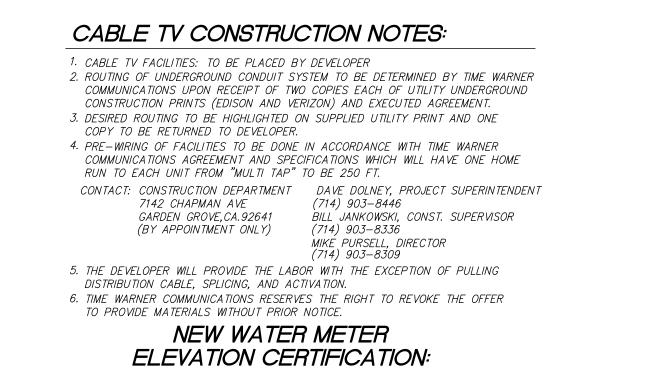
# LANDSCAPE NOTES:

- COORDINATION WITH THE LANDSCAPE PLANS FOR
- LOCATIONS, ELEVATIONS AND SLEEVING AND FINAL APPROVAL OF WATER METER AND BACKFLOW DEVICE LOCATIONS. 2. AS-BUILT PLANS WILL BE REQUIRED FOR THESE
- ENGINEERING PLANS.
- TREES.

5855 EAST NAPLES PLAZA, SUITE 212

# FEMA FLOOD INFORMATION

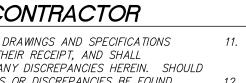
DESCRIPTION: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN REVISION DATE: DECEMBER 3, 2009



THE ENGINEER OF RECORD OR LICENSED SURVEYOR SHALL SURVEY & STAKE THE LOCATION OF THE PROPOSED WATER SERVICE & METER & INCLUDE THF FINISH ELEVATION FOR THE PLACEMENT OF THE NEW WATER METER. PER WATER DIVISION STANDARDS, THE METER SHALL BE LOCATED 7 INCHES BELOW THE FINISH SURFACE MEASURED FROM THE TOP OF FINISH SURFACE TO THE CENTERLINE /FLOW LINE OF THE METER. PRIOR TO THE CONTRACTOR CONSTRUCTING THE ASPHALT PAVEMENT IN THE ALLEY, THE OWNER/DEVELOPER SHALL PROVIDE AN APPROVED WRITTEN CERTIFICATION TO THE PUBLIC WORKS INSPECTOR & WATER INSPECTOR CERTIFYING THAT THE ELEVATION OF THE NEW WATER METER COMPLIES WITH THE SURVEY DATA.

#### FIRE DEPARTMENT NOTES: 1. ALL SOILS SHALL CONFORM TO THE CITY OF HUNTINGTON BEACH SOIL

- CLEANUP STANDARD, CITY SPECIFICATION 431-92. 2. ALL ABANDONED OIL WELLS MUST MEET THE CRITERIA SPECIFIED WITHIN THE CITY SPECIFICATION 422, OIL WELL ABANDONMENT PERMIT
- PROCESS, AND ALL REQUIREMENTS OF THE DEPARTMENT OF OIL, GAS, AND GEOTHERMAL RESOURCES, (714) 816-6847. 3. ALL DEBRIS/CONTAMINATED SOIL SHALL BE REMOVED AND PROPERLY
- DISPOSED OF PER CITY, COUNTY AND STATE REQUIREMENTS. 4. SOIL STOCKPILING. REMEDIATION, MIXING FOR RE-USE, AND/OR DEBRIS REMOVAL REQUIRES THE FOLLOWING NOTIFICATIONS: a. HUNTINGTON BEACH PUBLIC WORKS DEPT. (714) 536-5431 b HUNTINGTON BEACH FIRE DEPT. (714) 536-5411.
- c. CALIF. REGIONAL WATER QUALITY CONTROL BOARD (909) 320-2024. d ORANGE COUNTY HEALTH CARE AGENCY (714) 667–3623.
- 5. A REGISTERED. STATE LICENSED ENVIRONMENTAL AUDITING FIRM SHALL AT ALL TIMES BE PRESENT WITH THE APPROPRIATE NUMBER OF SITE AUDITORS. 6. ANY ADDITIONAL DISCOVERY OF OILFIELD WASTE, HAZARDOUS MATERIALS, OR OTHERWISE SHALL BE DISCLOSED IMMEDIATELY TO THE HUNTINGTON
- BEACH FIRE DEPT. ALL GRADING OPERATIONS SHALL CEASE UNTIL A NEW REMEDIATION WORK PLAN IS APPROVED. 7. ALL STRUCTURES SO AFFECTED UNDER THE REQUIREMENTS OF THE CITY
- OF HUNTINGTON BEACH SOIL CLEANUP STANDARD, CITY SPECIFICATION 431–92 AND METHANE DISTRICT PERMIT REQUIREMENTS, CITY SPECIFICATION 429, SHALL HAVE SAFETY MEASURES SUCH AS METHANE BARRIERS, FUGITIVE COMBUSTIBLE GAS COLLECTION SYSTEMS, WELL VENT COLLECTION SYSTEMS, AND CLASSIFIED ELECTRICAL INSTALLATION, SOME OR ALL IN THE SUB-SLAB AREA.
- 8. THE GRADING PLAN MUST STATE THE SPECIFIC SAFETY MEASURES REQUIRED. THE FIRE DEPT. PREVENTION BUREAU SECTION MAY BE CONTACTED AT (714) 536-5411
- 9. ANY AND ALL ASSOCIATED UNDERGROUND FIRE SERVICE SUPPLY WORK SHALL RECHIRE SEPARATE FIRE DEPARTMENT PLAN REVIEW & PERMITTING INSTALLATION CAN BE BY A C16. C34, C36 OR AN "A" LICENSED CONTRACTOR MEETING THE NFPA 13, NFPA 24 AND THE HUNTINGTON BEACH MUNICIPAL FIRE CODE.



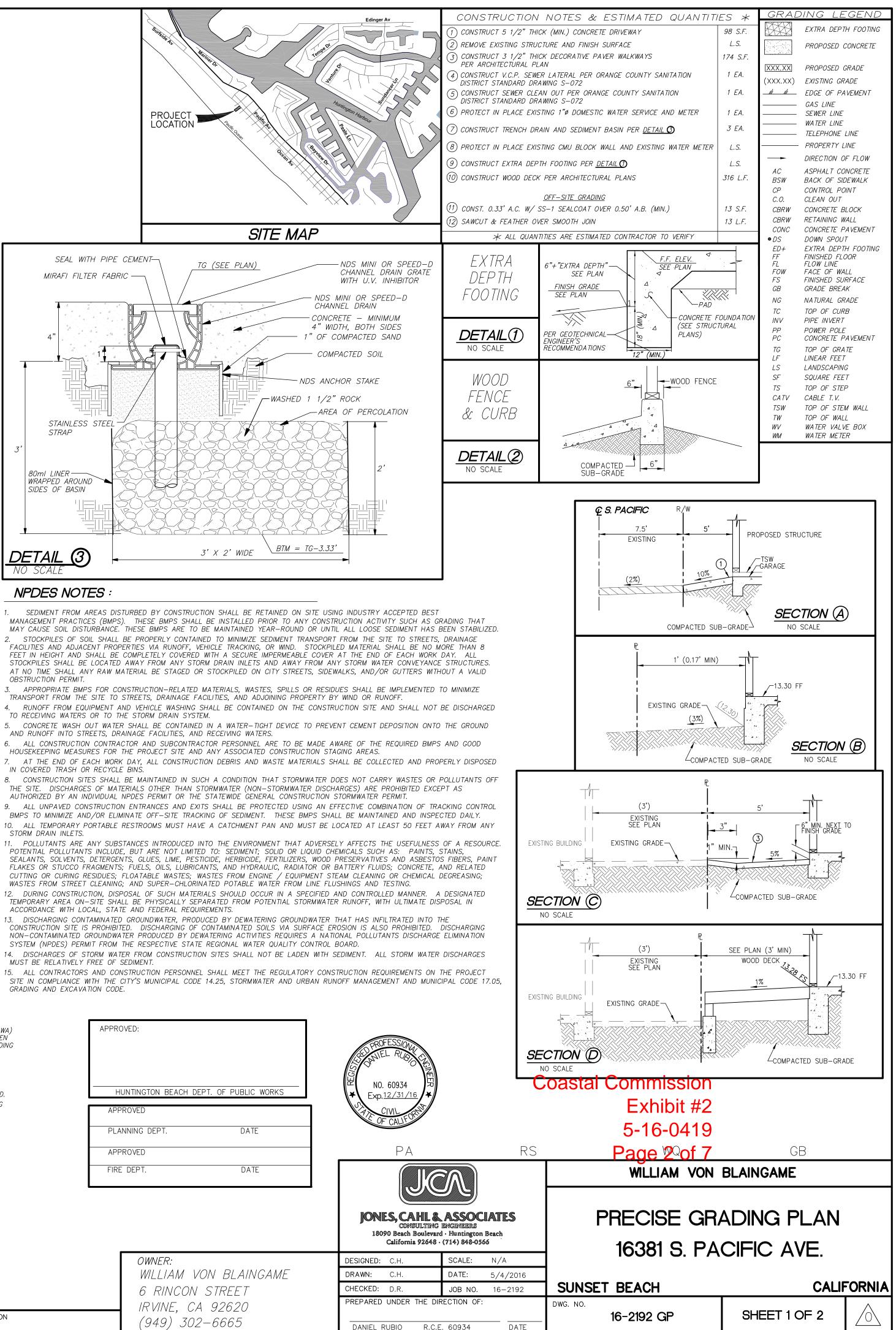
- SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND.

- 1. THE CONFIGURATION OF THE HARDSCAPE SHOWN ON THIS PLAN MAY CHANGE BASED UPON THE LANDSCAPE ARCHITECT'S PLAN. DO NOT POUR PATIO OR SIDEWALK OR GARDEN WALL FOOTINGS WITHOUT
- 3. REMOVED TREES TO BE REPLACED 2 FOR 1 WITH 36" BOX TREES OR PALM EQUIVALENT. (2) REPLACEMENT TREES REQUIRED IN ADDITION TO THE CODE REQUIRED

### GRADING GENERAL NOTES:

- BEACH REQUIREMENTS. 2. CITY OF HUNTINGTON BEACH GRADING INSPECTOR SHALL BE NOTIFIED 48 HOURS
- PRIOR TO ANY GRADING AT (714) 536-5431.
- 4. REMOVE ALL VEGETATION AND DEBRIS PRIOR TO ANY GRADING. INSPECTION IS REQUIRED.
- 6. IMPORT SOIL SHALL BE GRANULAR MATERIAL WITH LOW EXPANSION POTENTIAL AND SHALL BE COMPACTED TO AT LEAST 90%. 7. THE SUBGRADE OF THE DRIVEWAY AND PARKING AREAS SHALL BE SCARIFIED. BROUGHT TO OPTIMUM MOISTURE CONTENT, AND COMPACTED TO AT LEAST
- AGGREGATE BASE AND THE CASTING OF CONCRETE GUTTERS.
- BUILDING AND PAVING AREAS.
- GRADE OF FINISH FLOOR FORMS.
- THE SOILS ENGINEER SHALL CERTIFY THAT ALL GRADING HAS BEEN COMPLETED PER SOILS REPORT PRIOR TO FINAL RELEASE.
- 11. THE ENGINEER OF RECORD SHALL CERTIFY THAT GRADES FOR ALL HARDSCAPE AND DRAINAGE DEVICES HAVE BEEN CONSTRUCTED PER
- APPROVED GRADING PLAN, PRIOR TO FINAL RELEASE. 12. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH APPROVED SOILS REPORT NOTED HEREIN.
- 13. STANDARD PLAN 100, SHEETS 1, 2, 3 & 4 ARE INCORPORATED BY REFERENCE. 14. THE SOILS ENGINEER OR CIVIL ENGINEER SHALL NOT BE SUBSTITUTED
- WITHOUT PRIOR WRITTEN APPROVAL FROM THE DIRECTOR OF PUBLIC WORKS. 15. USE THE AMERICAN PUBLIC WORKS ASSOCIATION SOUTHERN CALIFORNIA CHAPTER (APWA WORK AREA TRAFFIC CONTROL HANDBOOK (WATCH MANUAL) TENTH EDITION, 2006 WHEN WORKING IN THE STREETS OR ALLEYS. THE CITY INSPECTOR SHALL APPROVE BARRICADING PRIOR TO ANY WORK.
- 16. STANDARD PLAN 600 GENERAL NOTES ARE INCORPORATED BY REFERENCE. 17. ANY DAMAGE TO THE STREET LIGHT SYSTEM SHALL BE REPAIRED AND CONDUIT AND CONDUCTORS SHALL BE REPLACED POLE-TO-POLE PER CURRENT HUNTINGTON BEACH STANDARD PLANS AND STANDARD SPECIAL PROVISIONS FOR THE CONSTRUCTION OF TRAFFIC SIGNALS AND LIGHTING SYSTEMS IN THE CITY OF HUNTINGTON BEACH 2001 ED.
- 18. REFER TO LANDSCAPE ARCHITECT PLANS FOR ADDITIONAL INFORMATION AND SLEEVING THAT MAY BE REQUIRED

<u> </u>	<u>ION STATEMENT:</u>	
SHOWN HEREIN HAV	NDERSIGNED STATES THAT , TE BEEN CONSTRUCTED IN 3 I THE DIMENSIONS, LINES A	SUBSTANTIAL
DANIEL RUBIO	R.C.E. 60934 EXP. 12/31/16	DATE



# NPDES NOTES

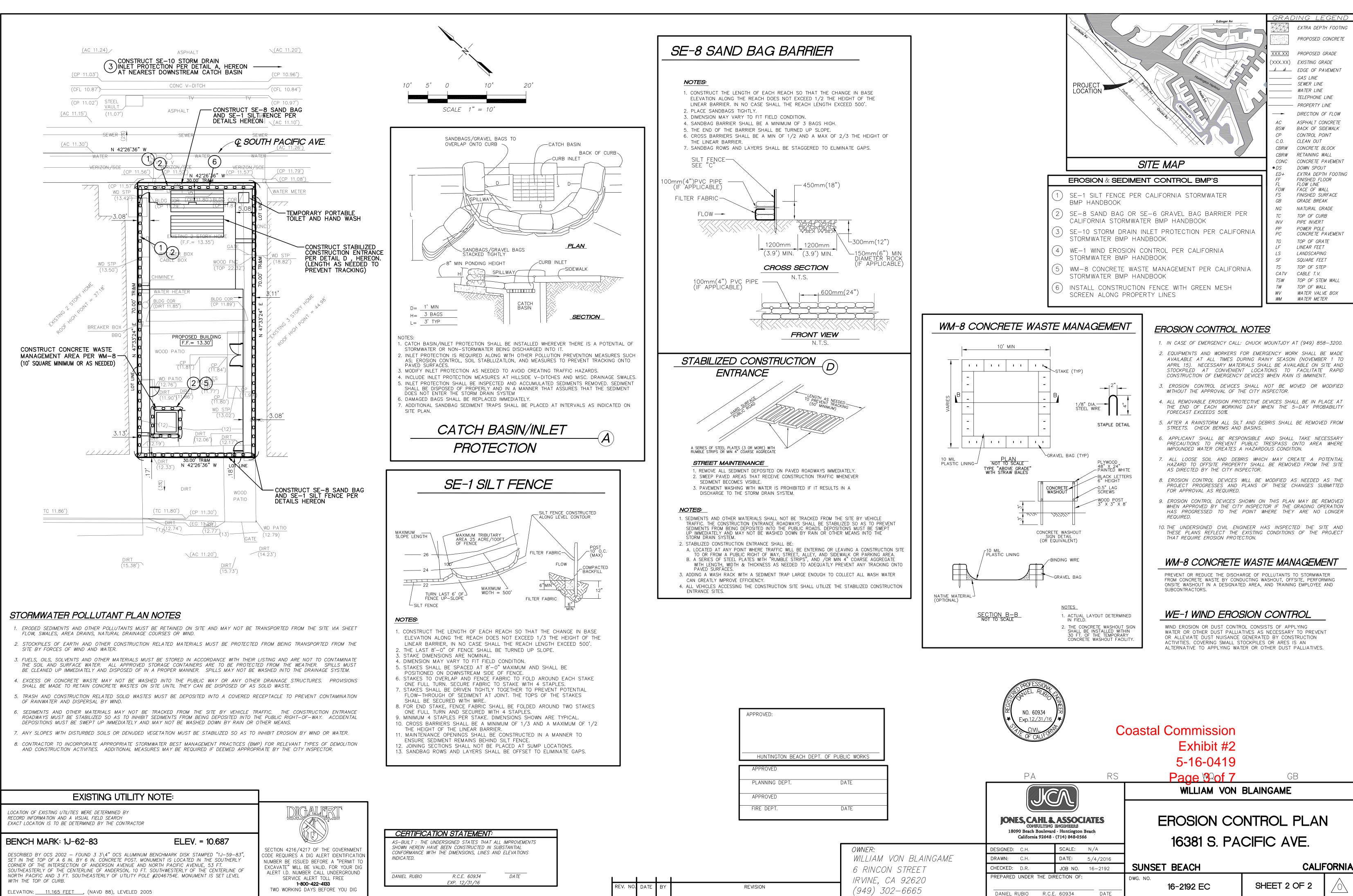
- OBSTRUCTION PERMIT
- TO RECEIVING WATERS OR TO THE STORM DRAIN SYSTEM. AND RUNOFF INTO STREETS, DRAINAGE FACILITIES, AND RECEIVING WATERS.
- IN COVERED TRASH OR RECYCLE BINS.
- STORM DRAIN INFTS
- ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
- MUST BE RELATIVELY FREE OF SEDIMENT.
- GRADING AND EXCAVATION CODE

	APPROVE	D:					
_	HUN	TINGTON	BEACH	DEPT.	OF	PUBLIC	WORKS
	APPRO	VED					
	PLANN	ING DEP	T.			DATE	-
	APPRO	VED					
	FIRE D	EPT.				Date	

OWNER:		
WILLIAM	VON	BLAINGAM
6 RINCO	NS7	REET
IR VINE,	CA 9	2620
(949) 3	02–6	665

REVISION

- 1. ALL GRADING TO BE DONE IN ACCORDANCE WITH THE CITY OF HUNTINGTON
- 3. DUST TO BE CONTROLLED BY WATERING
- 5. ALL WORK WITHIN PUBLIC RIGHT-OF-WAY REQUIRES A SEPARATE ENCROACHMENT PERMIT.
- 90%. CALL FOR CITY INSPECTION PRIOR TO THE PLACING OF CLASS 2
- 8. A SOIL COMPACTION REPORT SHALL CERTIFY COMPACTION WITHIN
- 9. THE ENGINEER OR A LICENSED LAND SURVEYOR SHALL CERTIFY LINE AND



C.E. 60934 DATE 12/31/16		1				IRVINE, CA 92620
12/31/10	R	REV. NO.	DATE	ΒY	REVISION	(949) 302-6665

