



THE CITY OF SAN DIEGO

## REPORT TO THE PLANNING COMMISSION

**DATE ISSUED:** April 21, 2011 **REPORT NO. PC-11-33**

**ATTENTION:** Planning Commission, Agenda of April 28, 2011

**SUBJECT:** FLORIDA CANYON STORM DRAIN AND SLOPE REPAIR:  
PROCESS THREE APPEAL, PROJECT NO. 217602

**REFERENCE:** Report to the Hearing Officer HO 11-006 (Attachment 12)

**OWNER/  
APPLICANT:** City of San Diego  
Engineering and Capital Projects Department

### SUMMARY

**Issue:** Should the Planning Commission uphold the Hearing Officer's approval of a Site Development Permit for the emergency replacement of a storm drain and slope repair within Florida Canyon?

**Staff Recommendation:** DENY the appeal and APPROVE Site Development Permit No. 776223.

**Community Planning Group Recommendation:** Since the work for this project was done as an emergency, and has been completed, a vote from the Balboa Park Committee was not solicited.

**Environmental Review:** This project is not pending an appeal of the environmental determination. The project was previously exempt pursuant to Emergency California Environmental Quality Act (CEQA) Section 21080(b) (4); 15269. The exemption was prepared on March 13, 2009 and the opportunity to appeal that determination ended March 28, 2009. The environmental review for this project was covered by the previously approved document and is not subject to appeal pursuant to the City of San Diego Municipal Code. The construction for the project is complete and re-vegetation has commenced (Attachment 6).

**Fiscal Impact Statement:** All costs associated with the processing of this project are paid for through a City Improvement Project (CIP) account.

**Code Enforcement Impact:** None

**Housing Impact Statement:** The project site is located within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. No residential units were removed or constructed; therefore, there are no housing impacts.

## **BACKGROUND**

In March 2009, as a result of heavy rains, a broken section of the storm drain within Florida Canyon caused significant damage to the slope between Park Boulevard and Florida Drive across from the San Diego Zoo parking lot (Attachment 1). The resulting soil erosion, from the broken storm drain, exposed and undermined an existing 36 inch water transmission line. The exposed water transmission line became threatened with the potential of rupturing, which could have caused the failure of the remainder of the slope, potentially undermining Park Boulevard and causing loss of water pressure to the surrounding communities (Attachment 8A and 8B).

The project area was declared an emergency by the City Engineer. Environmental staff issued a Determination of Emergency Environmental Exemption (Attachment 6). Prior to construction, a meeting was held with the City's engineering team, resource agencies and the park rangers for the area. Authorization under Regional Permit No. 63 was obtained from the U.S. Army Corps of Engineers and the Regional Water Quality Control Board. Authorization 1601 was also obtained from the California Department of Fish and Game for minor work within their jurisdictional areas to restore the slope and construct a new outfall structure at Florida Creek also known as Powerhouse Creek (Attachment 10).

This project is an "after-the-fact" Site Development Permit for emergency repair work to the storm drain and subsequent restoration work which has been completed. The work occurred within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. The approximately 0.48 acre vacant site is located within the Balboa Park Master Plan (Subarea referenced as the "Zoo Parking and Florida Canyon"), the East Mesa Precise Plan and is un-zoned. Because the project is within the MHPA and because of the presence of Florida Creek on the site, the project is subject to the regulations for a Site Development Permit for impacts to Environmentally Sensitive Lands (ESL), Land Development Code Section 143.0141, and the Biology Guidelines in the Land Development Manual.

The Army Corps of Engineers determined the project complied with the terms and conditions of Regional General Permit (RGP) No. 63 (RGP-63 *Emergency Authorizations*) and authorized the repairs. The Corps also required non-discretionary "Special Conditions" which included limited impacts to the repair site and required the remediation of the work area (Attachment 10).

After receiving authorization from the resource agencies, a design consultant and a contractor were retained to design and repair the storm drain and replace the outfall structure at the bottom of the slope with a new energy dissipation box (Attachments 7 and 9). Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated with container stock plants, as well as, a hydro-seed mix of Coastal Sage Scrub species compatible with the surrounding vegetation. Biological monitoring was performed prior to and during construction, and monitoring for archaeological resources was also conducted during all excavation activities. Since the project's scope of work incorporated the recommendations from the agencies (Army Corps of Engineers and the Regional Water Quality Control Board) there was no mitigation required under CEQA.

On March 13, 2009, an exemption was prepared pursuant to the California Environmental Quality Act (CEQA) Section 21080(b) (4); 15269. The opportunity to appeal that determination ended March 28, 2009. The construction for the project is complete and re-vegetation has commenced (Attachment 6).

On January 26, 2011, the Hearing Officer of the City Of San Diego approved Site Development Permit No. 776223; and on January 31, 2011, that decision was appealed (Attachment 12).

## **DISCUSSION**

### ***Appeal of the Hearing Officer's Decision:***

On January 26, 2011, the Hearing Officer of the City of San Diego approved Site Development Permit No. 776223 with no further conditions. On January 31, 2011, the project approval was appealed by CREED 21 (Briggs Law Corporation) (Attachment 11). In the appeal, the appellant stated that "The hearing officer erred in approving the project without review under the California Environmental Quality Act. The project does not qualify for an exemption."

Staff has reviewed the appeal and determined that the categorical exemption performed at the initial review of the emergency project was appropriate.

Prior to the March 13, 2009 exemption being prepared, staff reviewed the project in accordance with State CEQA Guidelines Section 15061-15062. During that review, it was determined that pursuant to State CEQA Guidelines Section 15269 (c), the project is exempt from the requirements of CEQA. Section 15269 (c) states, "Specific actions necessary to prevent or mitigate an emergency. This does not include long-term projects undertaken for the purpose of preventing or mitigating a situation that has a low probability of occurrence in the short-term."

The work that was exempted, which addressed the emergency, is the same as the permanent solution. No additional CEQA review or determination is needed, as the work was previously exempted. Since the environmental review for this project was covered by a previous approved/certified document it is not subject to appeal to the City Council pursuant to the City of San Diego Municipal Code.

**Conclusion:**

Staff has reviewed the construction plans and the subsequent work required to repair the storm drain, repair the slope and the remediation of the site to its original condition. The work has been completed to the satisfaction of City Staff. Additionally, the resource agencies will continue to receive reports and monitor the progress of the site remediation as it relates to the habitat restoration.

Staff recommends that the appeal be denied and the decision of the Hearing Officer be upheld because the Site Development Permit is in conformance with the requirements of the Municipal Code and CEQA.

**ALTERNATIVE**

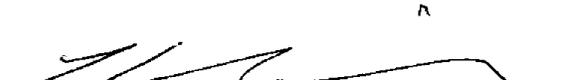
1. Grant the appeal and Deny Site Development Permit No. 776223, if the findings required to approve the project cannot be affirmed.

Respectfully submitted,



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Mike Westlake  
Program Manager  
Development Services Department



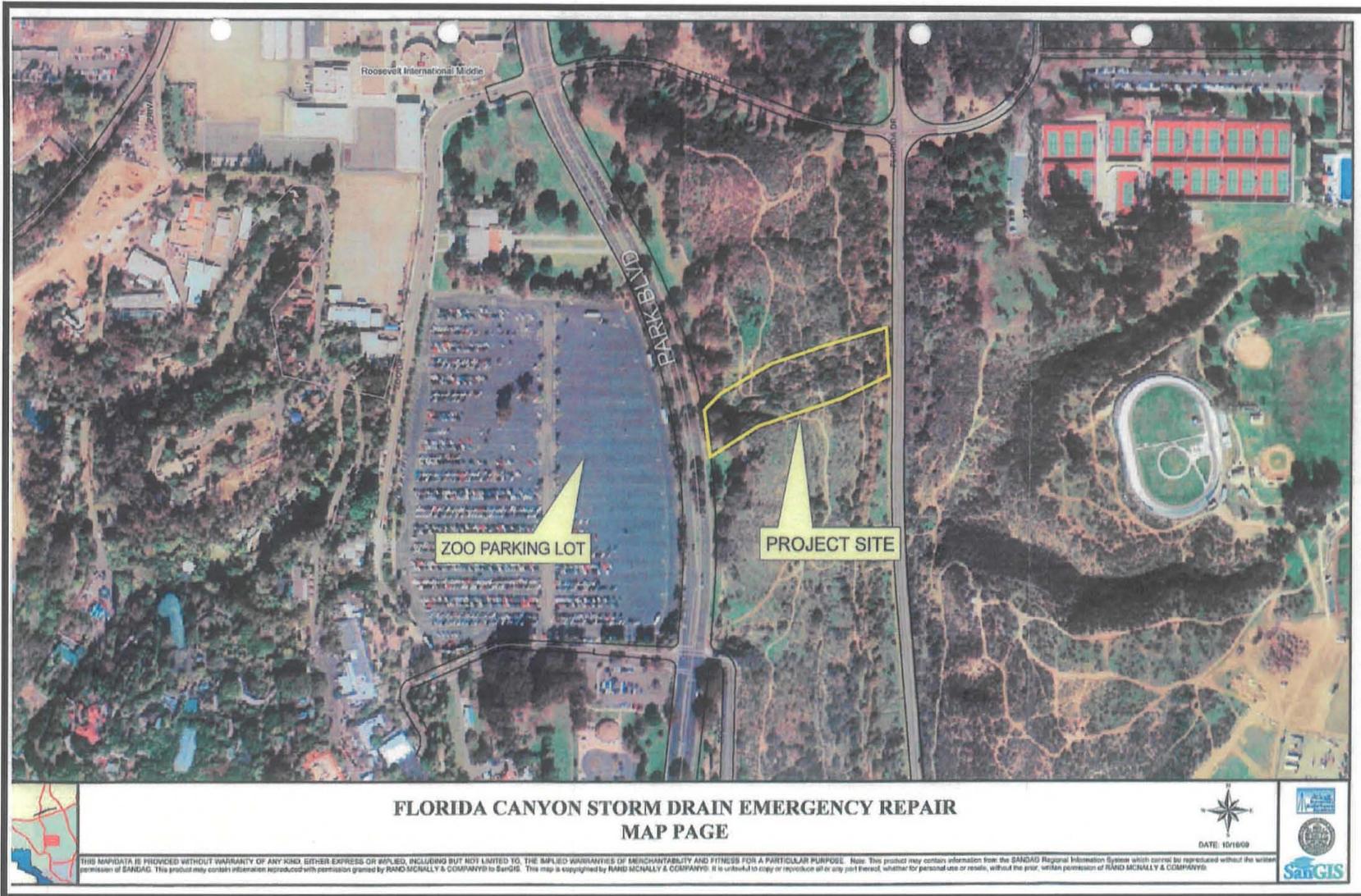
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Helene Deisher  
Development Project Manager  
Development Services Department

KGB/HMD

Attachments:

1. Aerial Photograph
2. Community Plan Land Use Map
3. Project Location Map
4. Draft Permit Resolution with Findings
5. Draft Permit with Conditions
6. Environmental Exemption (March 13, 2009)
7. Project Plans
8. 8 A and 8 B - Project Site Photos (before work)
9. Project Site Photos (after work)
10. Resource Agency Letter and Conditions (May 7, 2009)
11. Copy of Appeal (January 31, 2011)
12. Hearing Officer Report (January 26, 2011)



# Aerial Photo

**FLORIDA CANYON STORM DRAIN REPAIR - PROJECT NO. 217602**



ATTACHMENT 1



Project Site

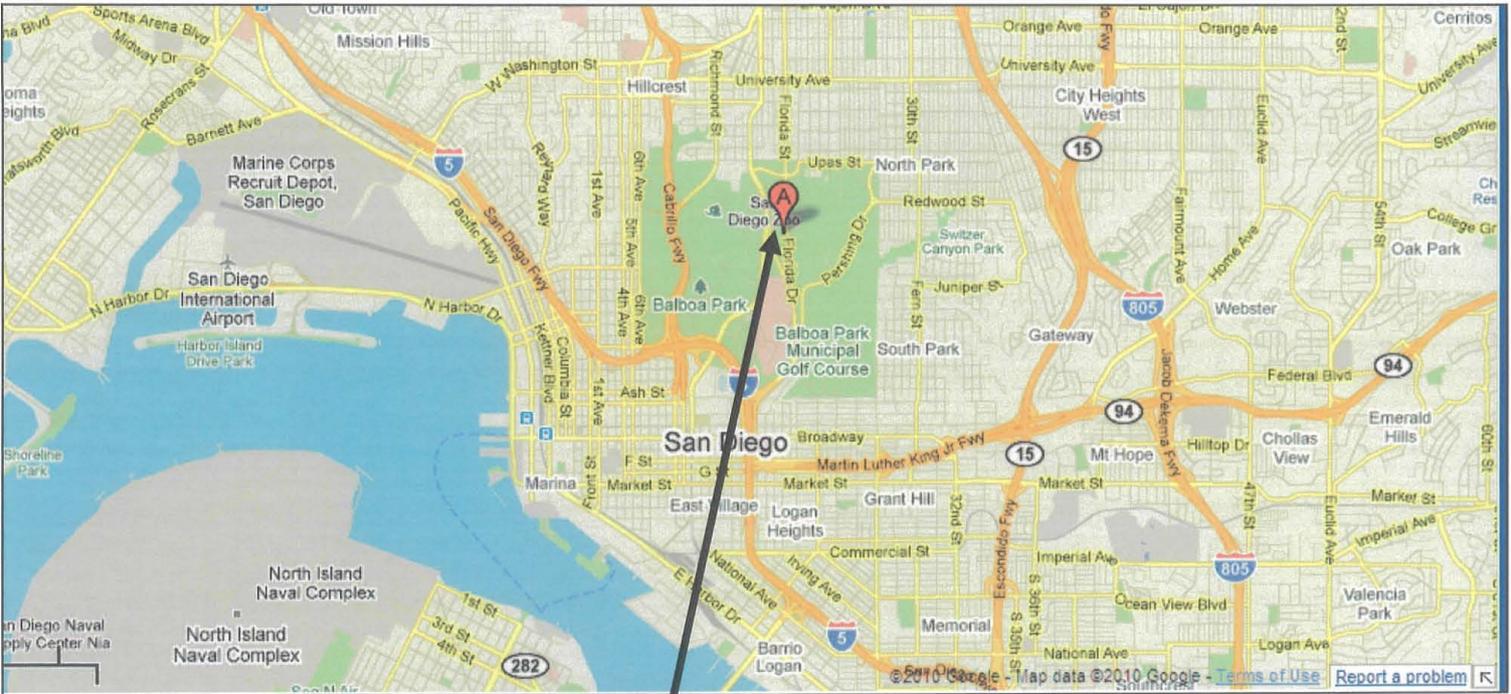


FLORIDA CANYON - PROJECT NO. 217602





**Project Location Map**  
**FLORIDA CANYON STORM DRAIN AND SLOPE REPAIR**  
**PTS 217602**



**Project Site**



PLANNING COMMISSION RESOLUTION NO. XXX  
SITE DEVELOPMENT PERMIT 776223  
**FLORIDA CANYON STORM DRAIN REPAIR - PROJECT NO. 217602**

WHEREAS, City of San Diego, Owner/Permittee, filed an application with the City of San Diego for a Site Development Permit for emergency replacement of a storm drain and slope repair within Florida Canyon which has been completed (as described in and by reference to the approved Exhibits "A" and corresponding conditions of approval for the associated Permit No. 776223), on portions of a vacant 0.48 acre site;

WHEREAS, the project site is located on vacant City owned land between Park Boulevard and Florida Drive directly east across from the San Diego Zoo parking lot and is within an un-zoned portion of the Balboa Park Community Plan area;

WHEREAS, on March 13, 2009, the City of San Diego, as Lead Agency, through the Development Services Department, issued an Environmental Determination that the project was exempt from the California Environmental Quality Act (CEQA) (Public Resources Code section 21000 et. seq.) under CEQA Guideline Section 15269 Emergency Projects. There was no appeal of the Environmental Determination filed within the time period provided by San Diego Municipal Code Section 112.0520;

WHEREAS, on January 26, 2011, the Hearing Officer of the City of San Diego considered Site Development Permit No. 776223 pursuant to the Land Development Code of the City of San Diego and approved the permit;

WHEREAS, On January 31, 2011, CREED 21 (Briggs Law Corporation) appealed the Hearing Officer's approval of the Site Development Permit No. 776223;

WHEREAS, on April 28, 2011, the Planning Commission of the City of San Diego considered the appeal of the Hearing Officer's decision to approve Site Development Permit No. 776223 pursuant to the Land Development Code of the City of San Diego and has upheld the Hearing Officer's decision and denied the appeal;

NOW, THEREFORE, BE IT RESOLVED by the Planning Commission of the City of San Diego as follows:

That the Planning Commission adopts the following written findings dated April 28, 2011:

**Findings for all Site Development Permits - Section 126.0504 (a)**

**1. The proposed development will not adversely affect the applicable land use plan.**  
The emergency repair work occurred within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. The approximately 0.48 acre vacant site area is located within the Balboa Park Master Plan (Subarea referenced as the "Zoo Parking and Florida Canyon") area, East Mesa Precise Plan and is un-zoned. The work performed was to repair an exposed storm drain and the water transmission line which became threatened with the potential of rupturing. This would have caused the failure of the remainder of the slope, potentially undermining Park Boulevard and loss of water pressure to the surrounding communities. The work conducted in an

expedited manner protected the public from the imminent failure of the water transmission line and the loss of a critical public facility. While neither the Master Plan nor the Precise Plan specifically mentions the maintenance of public facilities, they both discuss the importance of maintaining Florida Canyon in a natural state and supporting the natural habitat. The remediation effort to restore the damage caused by the storm drain and the subsequent repair supports the applicable land use plan.

**2. The proposed development will not be detrimental to the public health, safety, and welfare.**

The project is for emergency work which has already been completed to repair a broken section of a storm drain within Florida Canyon which caused significant damage to the slope between Park Boulevard and Florida Drive across from the San Diego Zoo parking lot. The resulting soil erosion exposed and undermined an existing 36-inch water transmission line. The exposed water transmission line became threatened with the potential of rupturing, which could have caused the failure of the remainder of the slope, potentially undermining Park Boulevard and loss of water pressure to the surrounding communities. The work conducted in an expedited manner protected the public from the imminent failure of the water transmission line and the loss of a critical public facility. It also prevented the undermining of Park Boulevard a heavily traveled through way bisecting Balboa Park. As such, the project facilitated the protection of the public health, safety and welfare.

**3. The proposed development will comply with the applicable regulations of the Land Development Code.** The emergency repair work occurred within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. All work required to repair and replace the damaged portions of the existing storm drain and the slope was limited to the minimal disturbance possible and the project has been reviewed for conformance to the requirements of the Environmentally Sensitive Lands regulations. Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated with container stock plants, as well as, a hydro-seed mix of Coastal Sage Scrub species compatible with the surrounding vegetation. Biological monitoring was preformed prior to and during construction, and monitoring for archaeological resources was also conducted during all excavation activities. The work performed and the remediation of the site complies with the regulations, as does the processing of the Site Development Permit which would have normally been required with the associated work.

**Supplemental Findings--Environmentally Sensitive Lands 126.0504 (b)**

**1. The site is physically suitable for the design and siting of the proposed development and the development will result in minimum disturbance to environmentally sensitive lands.** The emergency repair work occurred within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. The Army Corps of Engineers determined the project complied with the terms and conditions of Regional General Permit (RGP) No.63 (RGP-63 *Emergency Authorizations*) and authorized the repairs. The Corps also required non-discretionary "Special Conditions" which included limited impacts to the repair site and required the remediation of the work area. All work required to repair and replace the damaged portions of the existing storm drain and the slope was limited to the minimal disturbance possible and the project has been reviewed for conformance to the requirements of the Environmentally Sensitive Lands regulations. Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated with container stock plants, as well as, a hydro-seed mix of Coastal Sage Scrub species compatible with the surrounding vegetation. Biological monitoring was preformed prior to and during construction, and monitoring for archaeological resources

was also conducted during all excavation activities. The work performed and the remediation of the site was designed to minimize disturbance to the environmentally sensitive lands.

**2. The proposed development will minimize the alteration of natural land forms and will not result in undue risk from geologic and erosional forces, flood hazards, or fire hazards.** All work required to repair and replace the damaged portions of the existing storm drain and the slope was limited to the minimal disturbance possible to the surrounding natural landforms. Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated. The existing storm drain had been weakened by age and failed. The newly constructed outfall structure at Florida Creek also known as Powerhouse Creek meets current design standards and will eliminate or minimize future alteration of the natural landforms from Geologic and erosional forces and flood hazards. The newly constructed outfall structure is not a potential fire hazard.

**3. The proposed development will be sited and designed to prevent adverse impacts on any adjacent environmentally sensitive lands.** The emergency repair work occurred within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. All work required repairing and replacing the damaged portions of the existing storm drain and the slope was limited to the minimal disturbance possible to the surrounding area and the project has been reviewed for conformance to the requirements of the Environmentally Sensitive Lands regulations. Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated with container stock plants, as well as, a hydro-seed mix of Coastal Sage Scrub species compatible with the surrounding vegetation. Biological monitoring was performed prior to and during construction, and monitoring for archaeological resources was also conducted during all excavation activities. The newly constructed outfall structure at Florida Creek also known as Powerhouse Creek meets current design standards which will help prevent future adverse impacts to the surrounding natural vegetation and landforms.

**4. The proposed development will be consistent with the City of San Diego's Multiple Species Conservation Program (MSCP) Subarea Plan.** The emergency repair work occurred within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. All work required repairing and replacing the damaged portions of the existing storm drain and the slope was limited to the minimal disturbance possible and the project has been reviewed for conformance to the requirements of the Environmentally Sensitive Lands regulations. Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated with container stock plants, as well as, a hydro-seed mix of Coastal Sage Scrub species compatible with the surrounding vegetation. Biological monitoring was performed prior to and during construction. The remediation work was done in conformance with the Environmentally Sensitive Lands Regulations and the Biology Guidelines in the Land Development Manual. Therefore, the work as completed was consistent with the Multiple Species Conservation Program (MSCP) Subarea Plan.

**5. The proposed development will not contribute to the erosion of public beaches or adversely impact local shoreline sand supply.** The work occurred between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. The approximately 0.48 acre vacant site area is located within the Balboa Park Master Plan, (Subarea "Zoo Parking and Florida Canyon"), Florida Canyon Master Plan area. The limits of work are approximately two miles from the nearest body of water (San Diego Bay) and will not contribute to any erosion of a public beach or impact the local sand supply.

**6. The nature and extent of mitigation required as a condition of the permit is reasonably related to, and calculated to alleviate, negative impacts created by the proposed development.** The Army Corps of Engineers determined the project complied with the terms and conditions of Regional General Permit (RGP) No.63 (RGP-63 *Emergency Authorizations*) and authorized the repairs. The Corps also required non-discretionary “Special Conditions” which included limited impacts to the repair site and required the remediation of the work area. Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated with container stock plants, as well as, a hydro-seed mix of Coastal Sage Scrub species compatible with the surrounding vegetation. Biological monitoring was performed prior to and during construction. The remediation work was done in conformance with the Environmentally Sensitive Lands Regulations and the Biology Guidelines in the Land Development Manual. The site was restored to its condition prior to the storm drain failure therefore it was appropriate, necessary and was calculated to alleviate, negative impacts created by the rupture and repair activity.

BE IT FURTHER RESOLVED that, based on the findings hereinbefore adopted by the Hearing Officer, Site Development Permit 776223, the Planning Commission has denied the appeal and upholds the Hearing Officer’s decision to approve Site Development Permit 776223 in accordance with the exhibits, terms and conditions as set forth in Permit No. 776223, a copy of which is attached hereto and made a part hereof.

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Helene Deisher  
Development Project Manager  
Development Services

Adopted on: April 28, 2011

WBS ORDER NUMBER: S-01064.02.06

**RECORDING REQUESTED BY**  
CITY OF SAN DIEGO  
DEVELOPMENT SERVICES  
PERMIT INTAKE, MAIL STATION 501

**PROJECT MANAGEMENT**  
**PERMIT CLERK**  
**MAIL STATION 501**

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SPACE ABOVE THIS LINE FOR RECORDER'S USE

WBS ORDER NUMBER: S-01064.02.06

**SITE DEVELOPMENT PERMIT NO. 776223**  
**FLORIDA CANYON STORM DRAIN AND SLOPE REPAIR - PROJECT NO. 217602**  
**PLANNING COMMISSION**

This Site Development Permit No. 776223 is granted by the Hearing Officer of the City of San Diego to City Of San Diego, Owner, and Permittee, pursuant to San Diego Municipal Code [SDMC] section 126.0504. The 0.48-acre site is located at between Park Boulevard and Florida Drive directly east from the San Diego Zoo parking lot and within the Balboa Park Community Plan area. The site is un-zoned and is located on vacant city owned land.

Subject to the terms and conditions set forth in this Permit, permission is granted to Owner and Permittee to repair the storm drain; replace the outfall structure at the bottom of the slope with a new energy dissipation box; and conduct site remediation as described and identified by size, dimension, quantity, type, and location on the approved exhibits [Exhibit "A"] dated April 28, 2011, on file in the Development Services Department.

The project shall include:

- a. Repair the storm drain; replace the outfall structure at the bottom of the slope with a new energy dissipation box; and conduct site remediation;
- b. Landscaping (planting, irrigation and landscape related improvements); and
- c. Perform any other repairs and site remediation consistent with permit issued by the resource agencies;
- d. Public and private accessory improvements determined by the Development Services Department to be consistent with the land use and development standards for this site in accordance with the adopted community plan, the California Environmental Quality Act [CEQA] and the CEQA Guidelines, the City Engineer's requirements, zoning

regulations, conditions of this Permit, and any other applicable regulations of the SDMC.

**STANDARD REQUIREMENTS:**

1. This permit must be utilized within thirty-six (36) months after the date on which all rights of appeal have expired. If this permit is not utilized in accordance with Chapter 12, Article 6, Division 1 of the SDMC within the 36 month period, this permit shall be void unless an Extension of Time has been granted. Any such Extension of Time must meet all SDMC requirements and applicable guidelines in effect at the time the extension is considered by the appropriate decision maker.
2. No permit for the construction, occupancy, or operation of any facility or improvement described herein shall be granted, nor shall any activity authorized by this Permit be conducted on the premises until:
  - a. The Owner/Permittee signs and returns the Permit to the Development Services Department; and
  - b. The Permit is recorded in the Office of the San Diego County Recorder.
3. While this Permit is in effect, the subject property shall be used only for the purposes and under the terms and conditions set forth in this Permit unless otherwise authorized by the appropriate City decision maker.
4. This Permit is a covenant running with the subject property and all of the requirements and conditions of this Permit and related documents shall be binding upon the Owner/Permittee and any successor(s) in interest.
5. The continued use of this Permit shall be subject to the regulations of this and any other applicable governmental agency.
6. Issuance of this Permit by the City of San Diego does not authorize the Owner/Permittee for this Permit to violate any Federal, State or City laws, ordinances, regulations or policies including, but not limited to, the Endangered Species Act of 1973 [ESA] and any amendments thereto (16 U.S.C. § 1531 et seq.).
7. The Owner/Permittee shall secure all necessary building permits. The Owner/Permittee is informed that to secure these permits, substantial building modifications and site improvements may be required to comply with applicable building, fire, mechanical, and plumbing codes, and State and Federal disability access laws.
8. Construction plans shall be in substantial conformity to Exhibit "A". Changes, modifications, or alterations to the construction plans are prohibited unless appropriate application(s) or amendment(s) to this Permit have been granted.

9. All of the conditions contained in this Permit have been considered and were determined-necessary to make the findings required for approval of this Permit. The Permit holder is required to comply with each and every condition in order to maintain the entitlements that are granted by this Permit.

If any condition of this Permit, on a legal challenge by the Owner/Permittee of this Permit, is found or held by a court of competent jurisdiction to be invalid, unenforceable, or unreasonable, this Permit shall be void. However, in such an event, the Owner/Permittee shall have the right, by paying applicable processing fees, to bring a request for a new permit without the "invalid" condition(s) back to the discretionary body which approved the Permit for a determination by that body as to whether all of the findings necessary for the issuance of the proposed permit can still be made in the absence of the "invalid" condition(s). Such hearing shall be a hearing de novo, and the discretionary body shall have the absolute right to approve, disapprove, or modify the proposed permit and the condition(s) contained therein.

10. The Owner/Permittee shall defend, indemnify, and hold harmless the City, its agents, officers, and employees from any and all claims, actions, proceedings, damages, judgments, or costs, including attorney's fees, against the City or its agents, officers, or employees, relating to the issuance of this permit including, but not limited to, any action to attack, set aside, void, challenge, or annul this development approval and any environmental document or decision. The City will promptly notify Owner/Permittee of any claim, action, or proceeding and, if the City should fail to cooperate fully in the defense, the Owner/Permittee shall not thereafter be responsible to defend, indemnify, and hold harmless the City or its agents, officers, and employees. The City may elect to conduct its own defense, participate in its own defense, or obtain independent legal counsel in defense of any claim related to this indemnification. In the event of such election, Owner/Permittee shall pay all of the costs related thereto, including without limitation reasonable attorney's fees and costs. In the event of a disagreement between the City and Owner/Permittee regarding litigation issues, the City shall have the authority to control the litigation and make litigation related decisions, including, but not limited to, settlement or other disposition of the matter. However, the Owner/Permittee shall not be required to pay or perform any settlement unless such settlement is approved by Owner/Permittee.

11. This Permit may be developed in phases. Each phase shall be constructed prior to sale or lease to individual owners or tenants to ensure that all development is consistent with the conditions and exhibits approved for each respective phase per the approved Exhibit "A".

**ENVIRONMENTAL/MITIGATION REQUIREMENTS:**

12. The project shall comply with the resource agency permit Regional General Permit No. 63 and additional non-discretionary permit conditions issued for the emergency repair of the public facility and remediation of the site.

**INFORMATION ONLY:**

- The issuance of this discretionary use permit alone does not allow the immediate commencement or continued operation of the proposed use on site. The operation allowed by this discretionary use permit may only begin or recommence after all conditions listed on this permit are fully completed and all required ministerial permits have been issued and received final inspection.
- Any party on whom fees, dedications, reservations, or other exactions have been imposed as conditions of approval of this Permit, may protest the imposition within ninety days of the approval of this development permit by filing a written protest with the City Clerk pursuant to California Government Code-section 66020.
- This development may be subject to impact fees at the time of construction permit issuance.

APPROVED by the Planning Commission of the City of San Diego on April 28, 2011, by Resolution No. XX.

Site Development Permit No. 776223

Project No. 217602

Date approved: April 28, 2011

AUTHENTICATED BY THE CITY OF SAN DIEGO DEVELOPMENT SERVICES  
DEPARTMENT

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Helene Deisher  
Development Project Manager

**NOTE: Notary acknowledgment  
must be attached per Civil Code  
section 1189 et seq.**

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**The undersigned Owner/Permittee**, by execution hereof, agrees to each and every condition of this Permit and promises to perform each and every obligation of Owner/Permittee hereunder.

City of San Diego  
Owner/Permittee

By \_\_\_\_\_  
NAME  
TITLE

**NOTE: Notary acknowledgments  
must be attached per Civil Code  
section 1189 et seq.**

DETERMINATION OF  
**ENVIRONMENTAL EXEMPTION**

Pursuant to the California Environmental Quality Act (CEQA) and State CEQA Guidelines

Agency: CITY OF SAN DIEGO

Project No.: N/A

Date: March 13, 2009

Action/Permit(s): Emergency CEQA Exemption

**Description of Activity:** This emergency exemption is based on the expert opinion and a finding by the City Engineer that the slope within Florida Canyon has sustained significant damage as a result of heavy rains and a failed storm drain undermining significant portion of an existing 36-inch water transmission main within the slope. This exposed water main has the potential of rupturing which could cause failure of the remainder of the slope which supports Park Boulevard and the San Diego Zoo parking lot. Additionally, if this transmission main is to fail, it will cause a significant decrease in water pressures to a significant portion of the community surrounding Balboa Park and beyond. This opinion/finding is supported by photographs and accompanied by an Emergency Response Plan and an Emergency Environmental Plan for Biological and Natural Resources Protection.

Location of Activity: (INSERT PROJECT LOCATION)

**(CHECK BOXES BELOW)**

1.  This activity is EXEMPT FROM CEQA pursuant to:
- Section 15060 (c)(3) of the State CEQA Guidelines (the activity is not a project as defined in Section 15378)
- Section 15061 (b)(3) of the State CEQA Guidelines (General Rule)
2.  This project is EXEMPT FROM CEQA pursuant to State CEQA Guidelines Section checked below:

**ARTICLE 19 of GUIDELINES  
CATEGORICAL EXEMPTIONS  
(Incomplete list)**

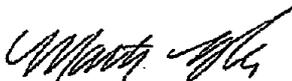
Section	Short Name
<input type="checkbox"/> 15301	Existing Facilities
<input type="checkbox"/> 15302	Replacement or Reconstruction
<input type="checkbox"/> 15303	New Construction or Conversion of Small Structures
<input type="checkbox"/> 15304	Minor Alterations to Land
<input type="checkbox"/> 15305	Minor Alteration in Land Use
<input type="checkbox"/> 15306	Information Collection
<input type="checkbox"/> 15311	Accessory Structures
<input type="checkbox"/> 15312	Surplus Government Property Sales
<input type="checkbox"/> 15315	Minor Land Divisions
<input type="checkbox"/> 15317	Open Space Contracts or Easements
<input type="checkbox"/> 15319	Annexation of Existing Facilities and Lots for Exempt Facilities
<input type="checkbox"/> 15325	Transfer of Ownership of Interest in Land to Preserve Open Space
<input type="checkbox"/> Other	_____

**ARTICLE 18 of GUIDELINES  
STATUTORY EXEMPTIONS  
(Incomplete list)**

Section	Short Name
<input type="checkbox"/> 15261	Ongoing Project
<input type="checkbox"/> 15262	Feasibility and Planning Studies
<input type="checkbox"/> 15265	Adoption of Coastal Plans and Programs
<input type="checkbox"/> 15268	Ministerial Projects
<input checked="" type="checkbox"/> 15269	Emergency Projects
<input type="checkbox"/> Other	_____

It is hereby certified that the City of San Diego has determined the above activity to be exempt:

Distribution:

  
\_\_\_\_\_  
Senior Planner  
Environmental Analysis Section

Exemption or Project file  
Afshin Oskoui, PE, City Engineer  
Darren Greenhalgh, Deputy Director, Architectural Engineering and Parks  
Ali Darvishi, Project Officer II, AE and P  
Kerry Santoro, Environmental and Permitting Support Section Manager

***This exemption is not an authorization to perform the work. It is the Engineering and Capital Projects Department responsibility to acquire all necessary local, state, and federal permits.***

***It has been determined that if this activity involves impacts to Environmentally Sensitive Lands, a Site Development Permit will be required pursuant to Section 143012.6 of the Land Development Code.***

**GENERAL NOTES**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LAND SURVEYOR MUST FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR TO ANY EARTHWORK. IF DESTROYED, A LAND SURVEYOR SHALL REPLACE SUCH MONUMENTS WITH APPROPRIATE MONUMENTS, A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE. SHALL BE FILED AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT, SECTION 6771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA. IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION MUST BE NOTIFIED, IN WRITING, AT LEAST 3 DAYS PRIOR TO THE CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF REPLACING ANY VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.
- IMPORTANT NOTICE:** SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A PERMIT TO EXCAVATE WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE 1-888-422-4133, TWO DAYS BEFORE YOU DIG.
- CONTRACTOR SHALL IMPLEMENT AN EROSION AND SEDIMENT CONTROL PROGRAM DURING THE PROJECT GRADING AND/OR CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL MEET ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD AND THE CITY OF SAN DIEGO MUNICIPAL CODE AND STORM WATER STANDARDS MANUAL.
- PUBLIC IMPROVEMENT SUBJECT TO DESUETUDE OR DAMAGE, IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, THE OWNER SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT-ISSUING AUTHORITY.
- ALL EXISTING AND/OR PROPOSED PUBLIC UTILITY SYSTEM AND SERVICE FACILITIES SHALL BE INSTALLED UNDERGROUND IN ACCORDANCE WITH SECTION 144.0248 OF THE MUNICIPAL CODE.
- PRIOR TO ANY DISTURBANCE TO THE SITE, EXCLUDING UTILITY MARK-OUTS AND SURVEYING, THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO FIELD ENGINEERING DIVISION (858) 627-3288.
- DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS REQUIRED BY THE CITY INSPECTOR.
- AS-BUILT DRAWINGS MUST BE SUBMITTED TO THE RESIDENT ENGINEER PRIOR TO ACCEPTANCE OF THIS PROJECT BY THE CITY OF SAN DIEGO.
- THE AREA WHICH IS DEFINED AS A NON GRADING AREA AND WHICH IS NOT TO BE DISTURBED SHALL BE STAKED PRIOR TO START OF THE WORK. THE PERMIT APPLICANT AND ALL OF THEIR REPRESENTATIVES OR CONTRACTORS SHALL COMPLY WITH THE REQUIREMENTS FOR PROTECTION OF THIS AREA AS REQUIRED BY ANY APPLICABLE AGENCY. ISSUANCE OF THE CITY'S GRADING PERMIT SHALL NOT RELIEVE THE APPLICANT OR ANY OF THEIR REPRESENTATIVES OR CONTRACTORS FROM COMPLYING WITH ANY STATE OR FEDERAL REQUIREMENTS BY AGENCIES INCLUDING BUT NOT LIMITED TO CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, CALIFORNIA DEPARTMENT OF FISH AND GAME. COMPLIANCE MAY INCLUDE OBTAINING PERMITS, OTHER AUTHORIZATIONS, OR COMPLIANCE WITH MANDATES BY ANY APPLICABLE STATE OR FEDERAL AGENCY.
- CONTRACTOR SHALL REMOVE AND REPLACE ALL UTILITY BOXES SERVING AS HANDHOLES THAT ARE NOT IN "AS-NEW" CONDITION IN PROPOSED SIDEWALK, DRINKED BOXES, OR THOSE THAT ARE NOT IN COMPLIANCE WITH CURRENT CODE SHALL BE REMOVED AND REPLACED WITH NEW BOXES, INCLUDING WATER, SEWER, TRAFFIC SIGNALS, STREET LIGHTS, DRY UTILITIES-SOGAE, COX, ETC. ALL NEW METAL LIDS SHALL BE SLIP RESISTANT (FRICTION FACTOR >= 0.50) AND INSTALLED FLUSH WITH PROPOSED SIDEWALK GRADE. IF A SLIP RESISTANT METAL LID IS NOT COMMERCIALY AVAILABLE FOR THAT USE, NEW BOXES AND LIDS SHALL BE INSTALLED.
- JACK AND ROSE OF 38" HOPE PIPE SHALL BE CONSTRUCTED PER GREENBOOK SECTIONS 306-2.1 AND 306-2.3. MATERIALS SHALL CONFORM TO 287-19.
- ALL PIPE TRENCHING AND BACKFILL SHALL BE CONSTRUCTED PER CITY OF SAN DIEGO STANDARD DRAWING D-60

IMPROVEMENT PLANS FOR:  
**FLORIDA CANYON  
 EVALUATION AND REPAIR  
 OF BROKEN STORM DRAIN**  
 100% SUBMITTAL

**OWNER/APPLICANT**

CITY OF SAN DIEGO  
 ENGINEERING AND CAPITAL PROJECTS DEPARTMENT  
 600 D ST., SUITE 900  
 SAN DIEGO, CA 92161  
 (619) 533-5288

**REFERENCE DRAWINGS**

FLORIDA CANYON EROSION TOPO SURVEY, DATED 2/3/89, CITY OF SAN DIEGO.  
 INDEX 288-1722, V.D. 299448

**SITE ADDRESS**

PARK BLVD. BETWEEN 288 PL. AND MORLEY FIELD DR.  
 EAST TO FLORIDA DR., SAN DIEGO CA

**BENCHMARK**

SEEP FLORIDA ST AND MORLEY FIELD DR ELEV 191.11 HSL, BASED ON  
 NGVD 29 FEET AS SHOWN IN CITY OF SAN DIEGO BENCH BOOK

**ASSESSORS PARCEL NUMBER**

APN 5344588000

**SHEET INDEX**

TITLE SHEET	1-D
NOTES	2-D
STORM DRAIN PLAN & PROFILE	3-D
OUTLET PLAN & DETAILS	4-D
PIPE DETAILS	5-D

**WORK TO BE DONE**

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

**STANDARD SPECIFICATIONS:**

- STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2006 EDITION (GREENBOOK), DOCUMENT NO. AEC1231861, FILED DECEMBER 31, 2006, INCLUDING THE REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT, DOCUMENT NO. AEC1231862, FILED DECEMBER 31, 2006.

**STANDARD DRAWINGS:**

- CITY OF SAN DIEGO STANDARD DRAWINGS, INCLUDING ALL REGIONAL STANDARD DRAWINGS, DOCUMENT NO. AEC1231863, FILED DECEMBER 31, 2006.

**LEGEND**

**PROPOSED IMPROVEMENTS**

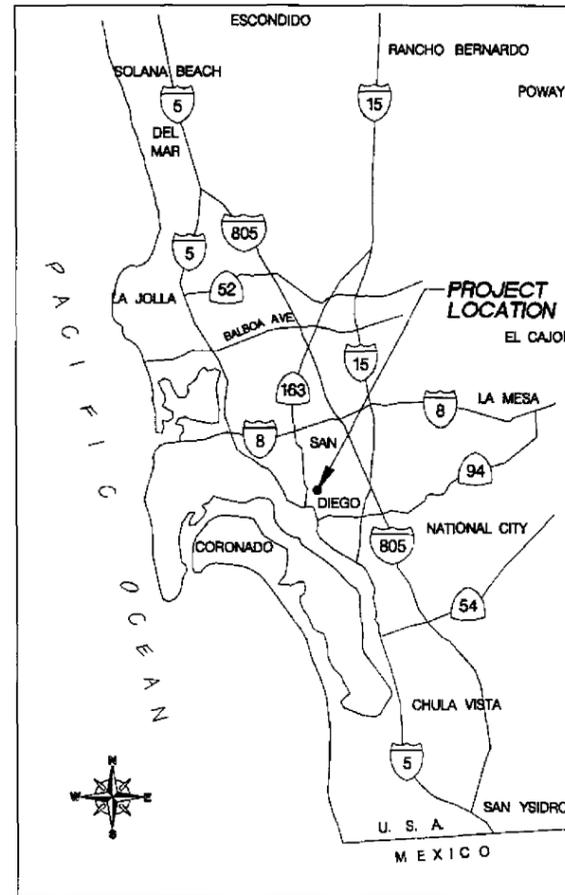
IMPROVEMENT	STANDARD DINGS	SYMBOL
STORM DRAIN CLEANOUT TYPE A	D-9	
CUTOFF WALL		
CONCRETE ENERGY DISSIPATOR	D-41	
STORM DRAIN CLEANOUT PROFILE - TYPE A	D-9	
STORM DRAIN		
1/4 TON ROCK RIPRAP		
CONCRETE		

**EXISTING IMPROVEMENTS**

ITEM	SYMBOL
EXISTING STORM DRAIN CLEANOUT	
EXISTING WATERLINE	
EXISTING STORM DRAIN	
EXISTING ROCK RIP RAP	
EXISTING CONCRETE	

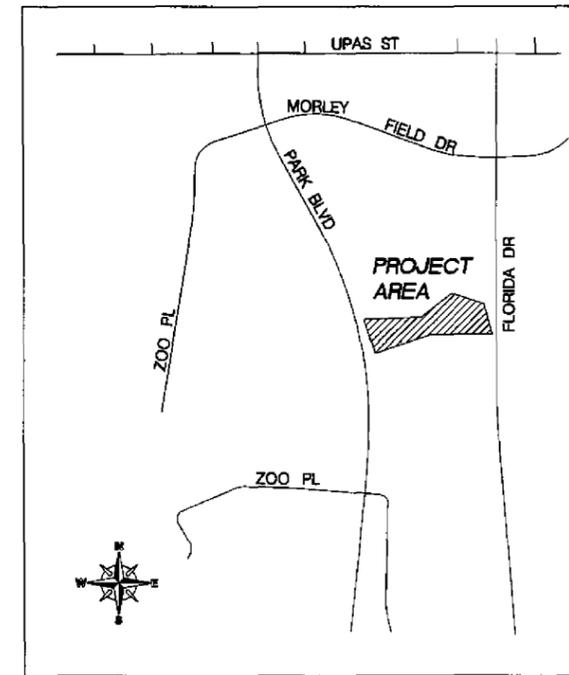
**ABBREVIATIONS**

STORM DRAIN	SD
ELEVATION	EL. ELEV
STATION	STA
NOT TO SCALE	NTS
CUBIC FEET PER SECOND	CFS
FEET PER SECOND	FPS
INVERT	INV
CONCRETE	CONC
MINIMUM	MIN
REINFORCED CONCRETE PIPE	RCP
INNER DIAMETER	ID
TYPICAL	TYP
STANDARD	STD
HORIZONTAL	HORIZ
VERTICAL	VERT



**LOCATION MAP**

NO SCALE



**VICINITY MAP**

NO SCALE

**STORM DRAIN STRUCTURE TABLE**

CLEANOUT *	STATION	COORDINATES	INV ELEV IN	INV ELEV OUT	APPROX COVER
ENERGY DISSIPATOR STD 341	9+97.50	N: 1849287.14 E: 6286768.94	173.83	172.48	5.78
*1 STD A5	12+11.79	N: 1849326.21 E: 6286358.26	213.37	213.04	3.21
*2 STD A4	14+28.98	N: 1849261.98 E: 6286358.84	241.67	241.34	3.21
*3 STD A4	15+22.88	N: 1849199.16 E: 6286288.98	258.65**	257.65	1.16

\* COORDINATES ARE NAD83 CA STATE PLAN ZONE VI FEET. ELEVATIONS ARE NGVD 29 FEET  
 \*\* CONTRACTOR TO VERIFY ELEVATION

**STORM DRAIN PIPE TABLE**

SECTION	LENGTH	BEARING	NOTES
1	212'	S 79° 26' 02" W	38" HOPE
2	213'	S 72° 44' 56" W	38" RCP
3	98'	S 48° 04' 25" W	38" RCP

**CONSTRUCTION CHANGE TABLE**

CHANGE	DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

**DECLARATION OF RESPONSIBLE CHARGE**

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6783 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

*Mark H. Setts* 4103 3/31/11 5/19/09  
 MARK H. SETTS RCE NO EXP DATE

**WARNING**

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

**HDR**  
 8690 BALBOA AVENUE, SUITE 200  
 SAN DIEGO, CA 92123-1502  
 (858)712-8400 FAX (858)712-8333

**ENGINEER OF WORK:**

*Mark H. Setts* 4100 3/31/11 5/19/09  
 MARK H. SETTS RCE NO EXP DATE



IMPROVEMENT PLANS FOR:  
**FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN**  
 TITLE SHEET

CITY OF SAN DIEGO, CALIFORNIA  
 ENGINEERING AND CAPITAL PROJECTS DEPARTMENT  
 SHEET 1 OF 6 SHEETS

FOR CITY ENGINEER: \_\_\_\_\_ DATE \_\_\_\_\_

DESCRIPTION	BY	APPROVED	DATE	FILED
ORIGINAL	XXX			

N 1849199-E 6286281  
 NAD83 COORDINATES

AS-BUILTS \_\_\_\_\_ DATE STARTED \_\_\_\_\_  
 CONTRACTOR \_\_\_\_\_ DATE COMPLETED \_\_\_\_\_  
 INSPECTOR \_\_\_\_\_

**35277-1-D**

**SWPPP NOTES**

1. DISCHARGING SEDIMENT-LOADED WATER WHICH WILL CAUSE OR CONTRIBUTE TO AN EXCEEDANCE OF THE APPLICABLE RWQCB'S BASIN PLANS FROM A DETERMINING SITE OR SEDIMENT BASIN/TRAP INTO ANY RECEIVING WATER OR STORM DRAIN WITHOUT FILTRATION OR EQUIVALENT TREATMENT IS PROHIBITED.
2. THE DISCHARGER SHALL AMEND THE SWPPP WHENEVER THERE IS A CHANGE IN CONSTRUCTION OR OPERATIONS, WHICH MAY AFFECT THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS, GROUNDWATER, OR A MUNICIPAL STORM DRAIN SYSTEM. THE SWPPP SHALL ALSO BE AMENDED IF THE DISCHARGER VIOLATES ANY CONDITION OF THE GENERAL PERMIT OR HAS NOT ACHIEVED THE GENERAL OBJECTIVE OF REDUCING OR ELIMINATING POLLUTANTS IN STORMWATER DISCHARGES. ALL AMENDMENTS SHOULD BE DATED AND DIRECTLY ATTACHED TO THE SWPPP.
3. TEMPORARY ON-SITE DRAINAGE TO CARRY CONCENTRATED FLOW SHALL BE SELECTED TO COMPLY WITH CITY REQUIREMENTS TO CONTROL EROSION, TO RETURN FLOWS TO THEIR NATURAL DRAINAGE COURSES, AND TO PREVENT DAMAGE TO DOWNSTREAM PROPERTIES.
4. DISCHARGES ORIGINATING FROM OFF-SITE, WHICH FLOW ACROSS OR THROUGH AREAS DISTURBED BY CONSTRUCTION THAT MAY CONTAIN POLLUTANTS, SHOULD BE REPORTED TO THE RWQCB.
5. DISCHARGERS WHO ARE PRESENTLY COVERED UNDER RWQCB'S GENERAL PERMIT NO. CAS000002 FOR DISCHARGE OF STORM WATER ASSOCIATED WITH CONSTRUCTION ACTIVITY MAY SUBMIT A NOTICE OF TERMINATION WHEN THEY MEET ONE OF THE FOLLOWING CRITERIA.

- A. THE CONSTRUCTION PROJECT HAS BEEN COMPLETED AND THE FOLLOWING CONDITIONS HAVE BEEN MET: ALL ELEMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN HAVE BEEN COMPLETED, CONSTRUCTION MATERIALS AND EQUIPMENT MAINTENANCE WASTE HAVE BEEN DISPOSED OF PROPERLY, THE SITE IS IN COMPLIANCE WITH ALL LOCAL STORM WATER MANAGEMENT REQUIREMENTS INCLUDING EROSION/SEDIMENT CONTROL REQUIREMENTS AND THE APPROPRIATE USE PERMITS HAVE BEEN OBTAINED; AND A POST-CONSTRUCTION STORM WATER OPERATION AND MANAGEMENT PLAN IS IN PLACE.
- B. CONSTRUCTION ACTIVITIES HAVE BEEN SUSPENDED, EITHER TEMPORARILY OR INDEFINITELY AND THE FOLLOWING CONDITIONS HAVE BEEN MET: ALL ELEMENTS OF THE STORMWATER POLLUTION PREVENTION PLAN HAVE BEEN COMPLETED, CONSTRUCTION MATERIALS AND EQUIPMENT MAINTENANCE WASTE HAVE BEEN DISPOSED OF PROPERLY, ALL DENuded AREAS AND OTHER AREAS OF POTENTIAL EROSION ARE STABILIZED, AN OPERATION AND MAINTENANCE PLAN FOR EROSION AND SEDIMENT CONTROL IS IN PLACE, AND THE SITE IS IN COMPLIANCE WITH ALL LOCAL STORM WATER MANAGEMENT REQUIREMENTS INCLUDING EROSION/SEDIMENT CONTROL REQUIREMENTS. THE DATE CONSTRUCTION ACTIVITIES WERE SUSPENDED, AND THE EXPECTED DATE CONSTRUCTION ACTIVITIES WILL START UP AGAIN SHOULD BE PROVIDED.
- C. CONSTRUCTION SITE CAN NOT DISCHARGE STORM WATER TO WATERS OF THE UNITED STATES. PLEASE INDICATE IF ALL STORM WATER IS RETAINED ON SITE OR IF STORM WATER IS COLLECTED OFF-SITE.
- D. DISCHARGE OF CONSTRUCTION STORM WATER FROM THE SITE IS NOW SUBJECT TO ANOTHER RWQCB'S GENERAL PERMIT OR AN INDIVIDUAL RWQCB'S PERMIT. THE GENERAL PERMIT OR INDIVIDUAL PERMIT NUMBER AND DATE COVERAGE BEGAN SHOULD BE PROVIDED.
- E. THERE IS A NEW OWNER OF THE IDENTIFIED SITE. IF OWNERSHIP OR OPERATION OF THE FACILITY HAS BEEN TRANSFERRED THEN THE PREVIOUS OWNER MUST SUBMIT A NOTICE OF TERMINATION AND THE NEW OWNER MUST SUBMIT A NOTICE OF INTENT FOR COVERAGE UNDER THE GENERAL PERMIT. THE DATE OF TRANSFER AND INFORMATION ON THE NEW OWNER SHOULD BE PROVIDED. NOTE THAT THE PREVIOUS OWNER MAY BE LIABLE FOR DISCHARGE FROM THE SITE UNTIL THE NEW OWNER FILES A NOTICE OF INTENT FOR COVERAGE UNDER THE GENERAL PERMIT.

6. SEDIMENT CONTROL BMP'S ARE REQUIRED AT APPROPRIATE LOCATIONS ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL INLETS TO THE STORM DRAIN SYSTEM AT ALL TIMES.
7. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ADEQUATE SEDIMENT CONTROL MATERIALS ARE AVAILABLE TO CONTROL SEDIMENT DISCHARGES AT THE DOWNGRADE PERIMETER AND OPERATIONAL INLETS (WEATHER AND STORM PREDICTIONS CAN BE OBTAINED BY CALLING THE NATIONAL WEATHER SERVICE AT (888) 675-8788 OR BY VISITING THE NATIONAL WEATHER SERVICE WEB SITE AT [HTTP://WWW.NWS.NOAA.GOV/SANDIEGO/INDEX.SHTML](http://www.nws.noaa.gov/sandiego/index.shtml). FOR WEATHER INFORMATION AND CURRENT SATELLITE/RADAR FEEDS).
8. THE OUTLETS OF ALL SEDIMENT BASINS, TRAPS, AND LOCATIONS OF ARTIFICIALLY CONCENTRATED FLOW SHALL BE PROVIDED WITH OUTLET PROTECTION TO PREVENT EROSION AND SCOUR.
9. INSPECTIONS SHALL BE PERFORMED BEFORE AND AFTER STORM EVENTS AND ONCE EACH 24-HOUR PERIOD DURING EXTENDED STORM EVENTS TO IDENTIFY BMP EFFECTIVENESS AND IMPLEMENT REPAIRS OR DESIGN CHANGES AS SOON AS FEASIBLE, DEPENDING ON FIELD CONDITIONS, EQUIPMENT, MATERIALS, AND WORKERS MUST BE AVAILABLE FOR RAPID RESPONSE TO FAILURES AND EMERGENCIES. ALL CORRECTIVE MAINTENANCE TO BMP'S SHALL BE PERFORMED AS SOON AS POSSIBLE AFTER THE CONCLUSION OF EACH STORM, DEPENDING UPON WORKER SAFETY.
10. FOR EACH INSPECTION, A QUALIFIED PERSON SHALL COMPLETE AN INSPECTION CHECKLIST CONTAINING THE FOLLOWING MINIMUM INFORMATION: INSPECTION DATE, WEATHER INFORMATION (BEGINNING/END OF STORM EVENT, DURATION, TIME SINCE LAST STORM, APPROXIMATE RAINFALL IN INCHES), DESCRIPTION OF IMMEDIATE BMP'S, LIST OF OBSERVATIONS OF ALL BMP'S AND VISIBLE INSPECTION OF OUTFALLS, DISCHARGE POINTS, DOWNSTREAM LOCATIONS, AND PROJECTED REQUIRED MAINTENANCE ACTIVITIES, CORRECTIVE ACTIONS REQUIRED, INCLUDING CHANGES TO THE SWPPP AND IMPLEMENTATION DATES, INSPECTOR'S NAME, TITLE, SIGNATURE, AND QUALIFICATIONS.
11. INDIVIDUALS RESPONSIBLE FOR SWPPP, IMPLEMENTATION, AND PERMIT COMPLIANCE SHALL BE APPROPRIATELY TRAINED. THIS INCLUDES THOSE PERSONNEL RESPONSIBLE FOR INSTALLATION, INSPECTION, MAINTENANCE, AND REPAIR OF BMP'S. THOSE RESPONSIBLE FOR OVERSEEING, REVISING, AND AMENDING THE SWPPP SHALL ALSO DOCUMENT THEIR TRAINING. THE QUALIFIED PERSON SHALL ATTEND THE PRE-CONSTRUCTION MEETING. THE QUALIFIED PERSON SHALL HAVE KNOWLEDGE AND TRAINING OF THE INTENT AND ENFORCEMENT OF SWPPP'S AND BMP'S AND BE PROPERLY TRAINED TO CONDUCT INSPECTIONS AND PREPARE REPORTS OF THE CONSTRUCTION SITE WITH RESPECT TO THE CITY'S MUNICIPAL CODE/ORDINANCES AND THE SWPPP.
12. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE SWPPP AT THE CONSTRUCTION SITE, WHICH SHALL BE PROVIDED, UPON REQUEST, TO THE RWQCB OR CITY PERSONNEL. THE SWPPP IS CONSIDERED A REPORT THAT SHALL BE AVAILABLE TO THE PUBLIC BY THE RWQCB UNDER SECTION 306(B) OF THE CLEAN WATER ACT.
13. RECORDS OF ALL INSPECTIONS, COMPLIANCE CERTIFICATIONS, NONCOMPLIANCE REPORTING, SWPPP AND ANY OTHER DOCUMENTS GENERATED AS PART OF SWPPP, MUST BE RETAINED FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE GENERATED.
14. A CONCRETE WASHOUT SHALL BE INSTALLED FOR ALL PROJECTS THAT PROPOSE CONCRETE TO BE PLACED ON SITE OR DELIVERED FROM A BATCH PLANT. THE CONCRETE WASHOUT SHALL BE LOCATED A MINIMUM OF 50' FROM ANY DRAINAGE INFRASTRUCTURE OR NATURAL DRAINAGE FEATURES OR WATER BODIES AND INCORPORATE AN IMPERMEABLE LINER (6 MIL MIN) TO CONTAIN THE REQUIRED VOLUME. ALL DRIED CONCRETE WASTE SHALL BE BROKEN INTO MANAGEABLE PIECES AND DISPOSED OF IN A PROPER MANNER. THE CONTRACTOR OR QUALIFIED PERSON SHALL LOCATE CONCRETE WASHOUTS IN THIS PRESCRIBED MANNER AS CONSTRUCTION PROGRESSES.

**SWPPP NOTES (CONTINUED)**

15. THE QUALIFIED PERSON SHALL CONDUCT REGULAR INSPECTIONS OF THE PROJECT SITE IN ACCORDANCE WITH RECOMMENDATIONS OUTLINED IN THE SWPPP. EACH INSPECTION SHALL BE DOCUMENTED IN THE FORM OF WRITTEN REPORTS RETAINED ON-SITE. ALL REPORTS SHALL BE MADE AVAILABLE TO THE CITY OF SAN DIEGO AND RWQCB REPRESENTATIVES UPON REQUEST.
16. THE CONTRACTOR SHALL HAVE EMERGENCY MATERIALS AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER AND SEWER UTILITIES WHEREBY FLOWS MAY GENERATE EROSION AND SEDIMENT POLLUTION.
17. THE PERMITTEE OR DESIGNER SHALL PROVIDE EVIDENCE OF COVERAGE UNDER THE GENERAL CONSTRUCTION NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT, IN THE FORM OF A NOTICE OF INTENT (NOI) FILED WITH THE STATE WATER RESOURCES CONTROL BOARD, PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION PERMITS.
18. SEDIMENT AND EROSION CONTROLS MAY BE REMOVED ONLY WHEN CONTRIBUTORY UPSTREAM AREAS BECOME STABILIZED OR ARE MANAGED UPSTREAM (I.E., SINGLE-LOT SEDIMENT CONTROLS) AND AS LONG AS SEDIMENT LOADED RUNOFF WILL NOT DISCHARGE FROM THE SITE.
19. WHEN FUTURE WORK BY THE DEVELOPER NOT SHOWN ON THIS PLAN IS TO BE PERFORMED, THE SWPPP SHALL BE AMENDED TO INCLUDE SAID WORK AND ANY ADDITIONAL WATER QUALITY CONTROL MEASURES REQUIRED.
20. WHEN OWNERSHIP CHANGES FOR PORTIONS OF THE SITE OR THE LIMITS OR NATURE OF WORK ARE ALTERED, THE DEVELOPER SHALL FILE A CHANGE OF INFORMATION (COI) OR A REVISED NOTICE OF INTENT (NOI), RESPECTIVELY, WITH THE RWQCB AND SWPCB, RESPECTIVELY.
21. THIS PLAN SHALL BE IN EFFECT UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED, TRANSFERRED TO NEW OWNERSHIP, OR DEVELOPED UNDER FUTURE PLANS WITH A NEW NOI, SWPPP, AND VOID NUMBER.

**EROSION AND SEDIMENT CONTROL NOTES**

TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:

1. ALL REQUIREMENTS OF THE CITY OF SAN DIEGO LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), WATER QUALITY TECHNICAL REPORT (WQTR), AND/OR WATER POLLUTION CONTROL PLAN (WPCP).
2. FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
3. FOR INLETS LOCATED AT SUMPS ADJACENT TO TOP OF SLOPES, THE CONTRACTOR SHALL ENSURE THAT WATER DRAINING TO THE SUMP IS DIRECTED INTO THE INLET AND THAT A MINIMUM OF 1.00' FREEBOARD EXISTS AND IS MAINTAINED ABOVE THE TOP OF THE INLET. IF FREEBOARD IS NOT PROVIDED BY GRADING SHOWN ON THESE PLANS, THE CONTRACTOR SHALL PROVIDE IT VIA TEMPORARY MEASURES, I.E. GRAVEL BAGS OR DIKES.
4. THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
5. THE CONTRACTOR OR QUALIFIED PERSON SHALL CHECK AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL.
6. THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
7. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
8. THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
9. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPROVED WATERS CREATE A HAZARDOUS CONDITION.
11. ALL EROSION/SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED GRADING PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
13. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
14. THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED PERSON CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.

**LIMITATIONS:**

1. THIS IMPROVEMENT PLAN IS BEING PROVIDED UNDER EMERGENCY REPAIR CONDITIONS TO EXPEDITE CONSTRUCTION WORK. AS SUCH, SEVERAL ELEMENTS WHICH WOULD TYPICALLY BE INCLUDED HAVE BEEN OMITTED.
  - A. SWPPP RWQCB'S GENERAL PERMIT HAVE NOT BEEN CREATED OR SUBMITTED. AS SUCH CONSTRUCTION STORM WATER QUALITY IS THE SOLE RESPONSIBILITY OF THE CONTRACTORS AND OWNER. PLANS INCLUDE STANDARD SWPPP AND EROSION & SEDIMENT CONTROL NOTES FOR REFERENCE.
  - B. THIS IS NOT A GLADING PLAN, GRADING, FILL, COMPACTION AND ASSOCIATED TASKS HAVE BEEN PERFORMED BY OTHERS.
  - C. THIS IS NOT A LANDSCAPE REVEGETATION PLAN. THIS WORK WILL BE PERFORMED UNDER A SEPARATE PLAN SET.
  - D. IMPROVEMENT PLANS FOR THE AREA WITHIN FLORIDA CANYON CREEK ARE INTENDED AS A REPAIR TO THE EXISTING CONCRETE STRUCTURE. NO GUARANTEE IS MADE TO ITS PERFORMANCE DURING FLOODING OR OF POTENTIAL FUTURE CHANNEL WIDENING OR LOWERING.
  - E. THE PROPOSED STORM DRAIN HAS BEEN DESIGNED TO MAINTAIN A MINIMUM 18 FT OF SPACING BETWEEN IT AND THE ADJACENT EXISTING 36 IN WATER LINE. HOWEVER, FUTURE WORK ON THE WATER LINE MAY BE IMPEDED BY THE NEW STORM DRAIN DUE TO THE VERTICAL SEPARATION BETWEEN THE TWO. CAUTION SHOULD BE USED WHEN EXCAVATING IN THIS AREA.

<b>IMPROVEMENT PLANS FOR:</b>		<b>FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN NOTES</b>	
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 2 OF 6 SHEETS		V.O. NO. <b>28790</b>	
FOR CITY ENGINEER	DATE	APPROVED	DATE FILED
DESCRIPTION BY			
ORIGINAL	RJK		
AS-BUILTS			
CONTRACTOR	DATE STARTED	<b>35277-2-D</b>	
INSPECTOR	DATE COMPLETED		

WARNING  
0 1/2" = 1'

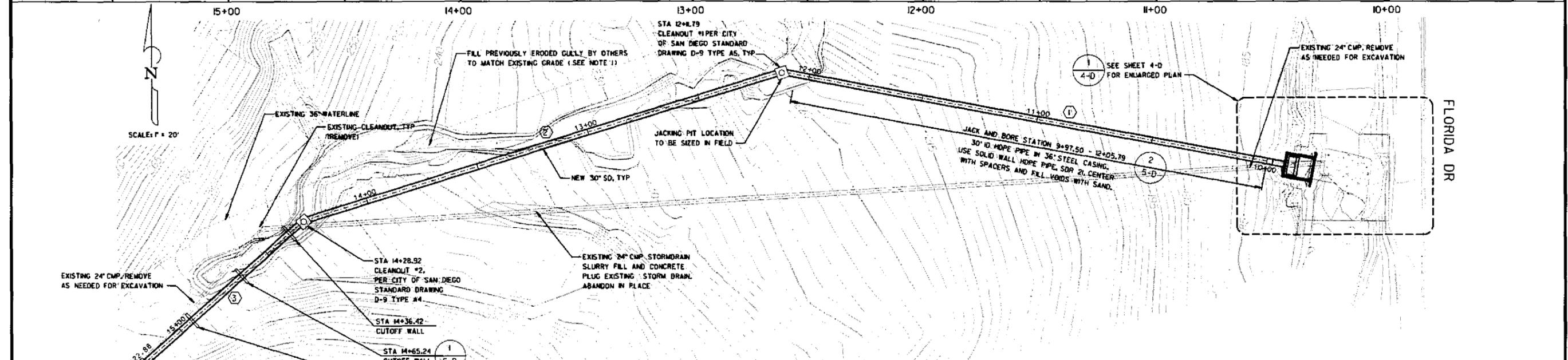
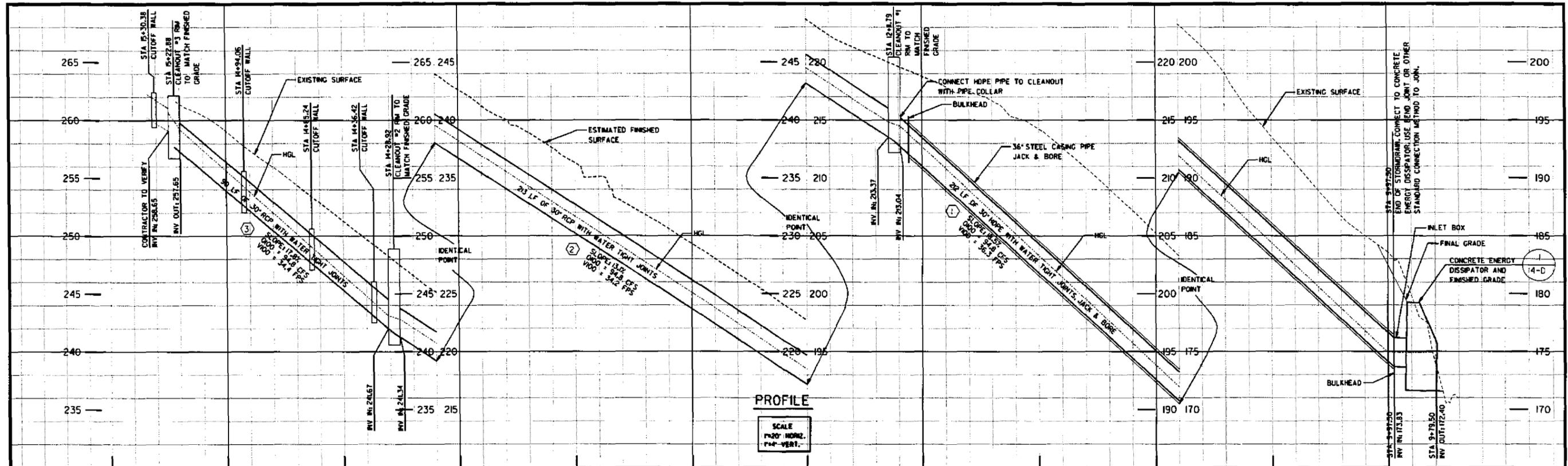
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

**HDR**  
8690 BALBOA AVENUE, SUITE 200  
SAN DIEGO, CA 92123-1502  
(858)712-9400 FAX (858)712-6333

**ENGINEER OF WORK:**  
*Mark N. Setts* 4108 3/30/11 5/13/10  
MARK N. SETTS RCE NO EXP DATE

CIVIL  
DATE OF EXPIRATION





PLAN  
F = 20'

NOTES

1. ERODED AREAS WERE PREVIOUSLY FILLED AFTER THE 2/3/09 SURVEY BUT PRIOR TO DESIGN OF THE NEW STORMDRAIN. FUTURE GRADE IS ESTIMATED IN THESE DRAWINGS.

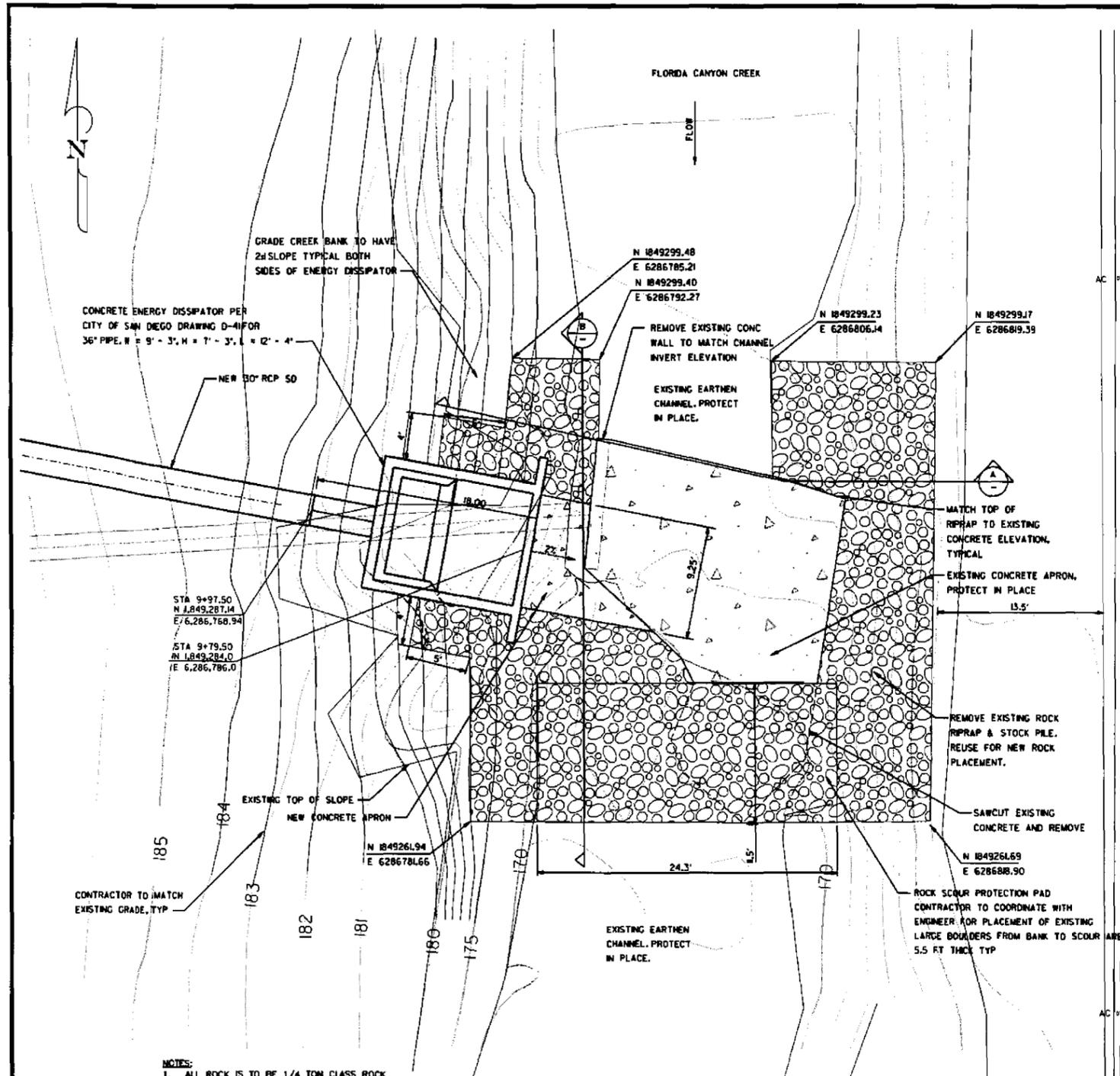
**WARNING**  
0 1/2"  
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

**HDR**  
8690 BALBOA AVENUE, SUITE 200  
SAN DIEGO, CA 92123-1502  
(858)712-8400 FAX (858)712-8333

**ENGINEER OF WORK:**  
Mark H. Setts  
4103 3/31/11 5/23/09  
RCE NO EXP DATE

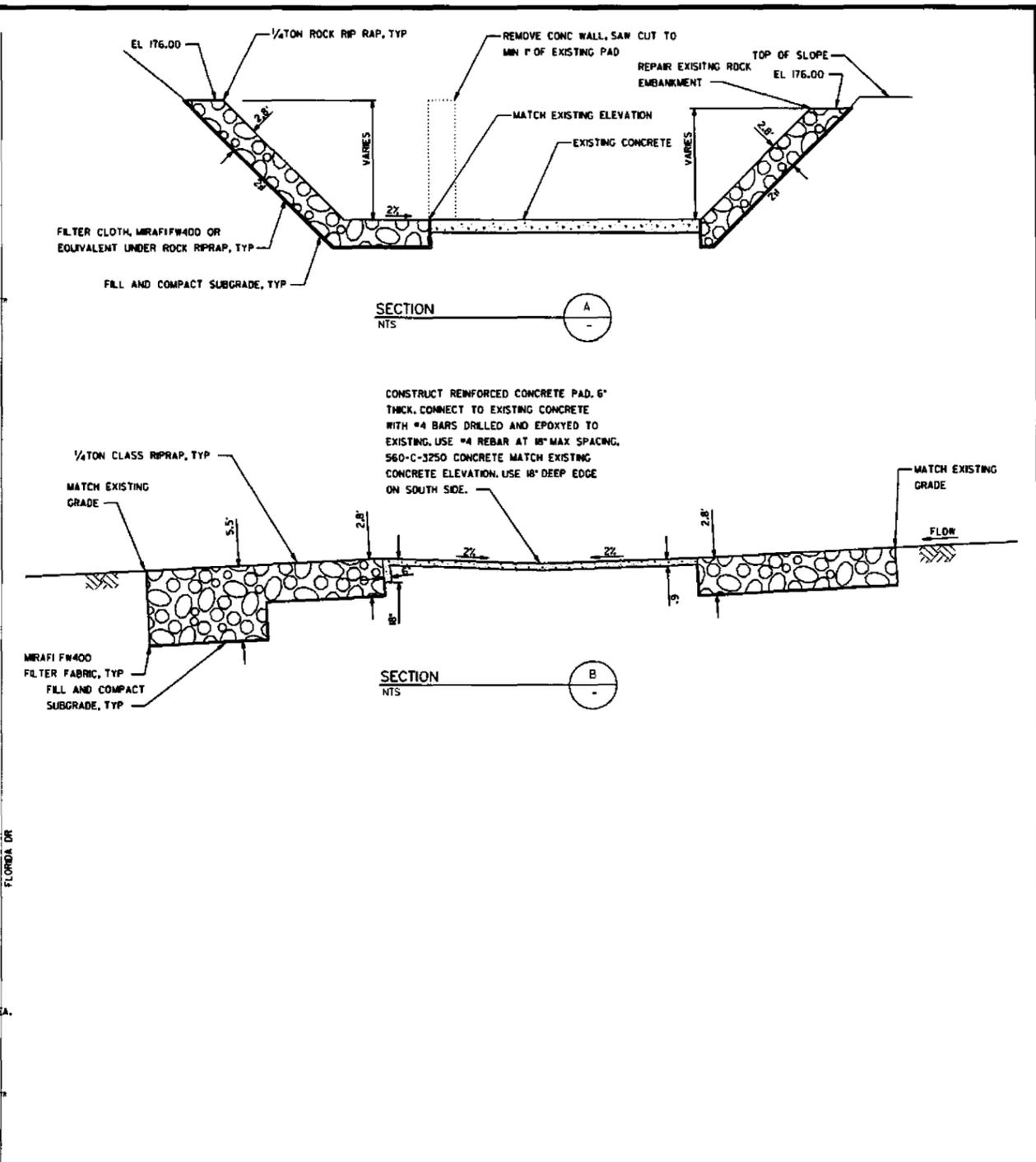


IMPROVEMENT PLANS FOR:			
FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN			
STORM DRAIN PLAN AND PROFILE			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 3 OF 5 SHEETS			V.D. NO. 28790
FOR CITY ENGINEER	DATE		
DESCRIPTION	BY	APPROVED	DATE FILED
ORIGINAL	XXX		
AS-BUILTS			
CONTRACTOR	DATE STARTED		
INSPECTOR	DATE COMPLETED		
			35277-3-D



- NOTES:**
1. ALL ROCK IS TO BE 1/4 TON CLASS ROCK PER GREENBOOK SECTION 200-1.6, WITH MIRAFI FILTER WEAVE 400 OR EQUIVALENT OVER COMPACTED SUBGRADE.
  2. ALL WORK IN THIS AREA IS TO BE MONITORED BY AN APPROVED BIOLOGICAL MONITOR. DISTURBANCE TO FLORIDA CANYON CREEK TO BE KEPT TO A MINIMUM AS IS FEASIBLY POSSIBLE, TO CONSTRUCT PLAN.

**OUTLET AREA DETAIL**  
SCALE: 1" = 5'



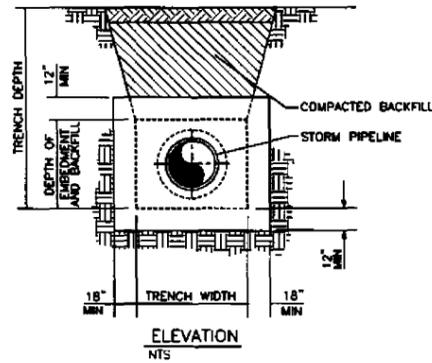
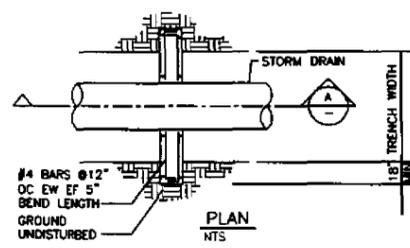
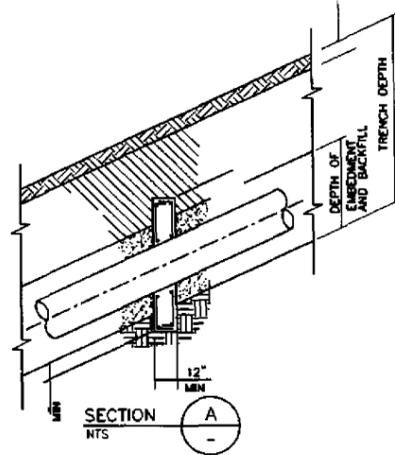
**WARNING**  
D 1/2 1  
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

**HDR**  
8650 BALBOA AVENUE, SUITE 200  
SAN DIEGO, CA 92123-4502  
(858) 712-8400 FAX (858) 712-8333

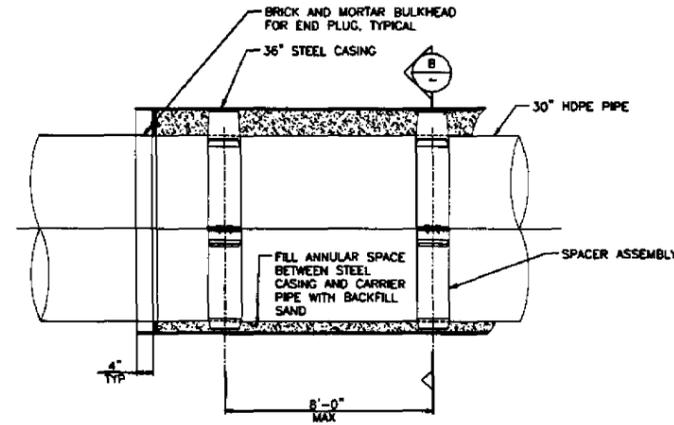
**ENGINEER OF WORK:**  
Mark H. Setts  
4103 RCE NO 3/31/11 5/19/00  
DATE OF DELIVERY



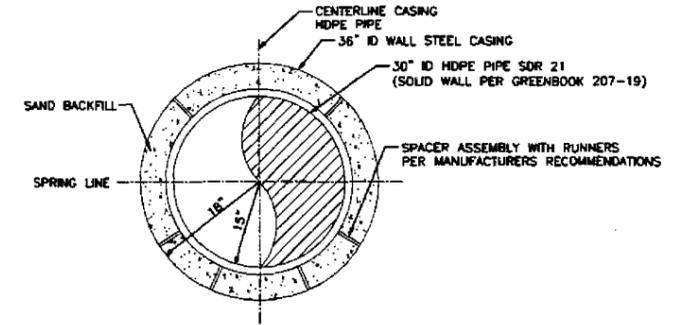
IMPROVEMENT PLANS FOR			
FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN OUTLET PLAN AND DETAILS			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 4 OF 5 SHEETS			V.D. NO. 28780
FOR CITY ENGINEER	DATE		
DESCRIPTION BY	APPROVED	DATE	FILED
ORIGINAL	XXX		
AS-BUILTS			
CONTRACTOR	DATE STARTED		
INSPECTOR	DATE COMPLETED		
			35277-4-D



CUTOFF WALL DETAIL  
NTS



CASING CENTRALIZERS AND  
TREATMENT OF PIPE CASING  
NTS



TYPICAL TUNNEL SECTION  
NTS



IMPROVEMENT PLANS FOR:  
FLORIDA CANYON EVALUATION AND  
REPAIR OF BROKEN STORM DRAIN  
PIPE DETAILS

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 8 OF 8 SHEETS		V.O. NO. 218780
FOR CITY ENGINEER		
DESCRIPTION	BY	DATE
ORIGINAL	XXX	
AS-BUILT		
CONTRACTOR	DATE STARTED	
INSPECTOR	DATE COMPLETED	

**WARNING**  
0 1/2 1  
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

**HDR**  
8690 BALBOA AVENUE, SUITE 200  
SAN DIEGO, CA 92123-1502  
(858)712-8400 FAX (858)712-8333

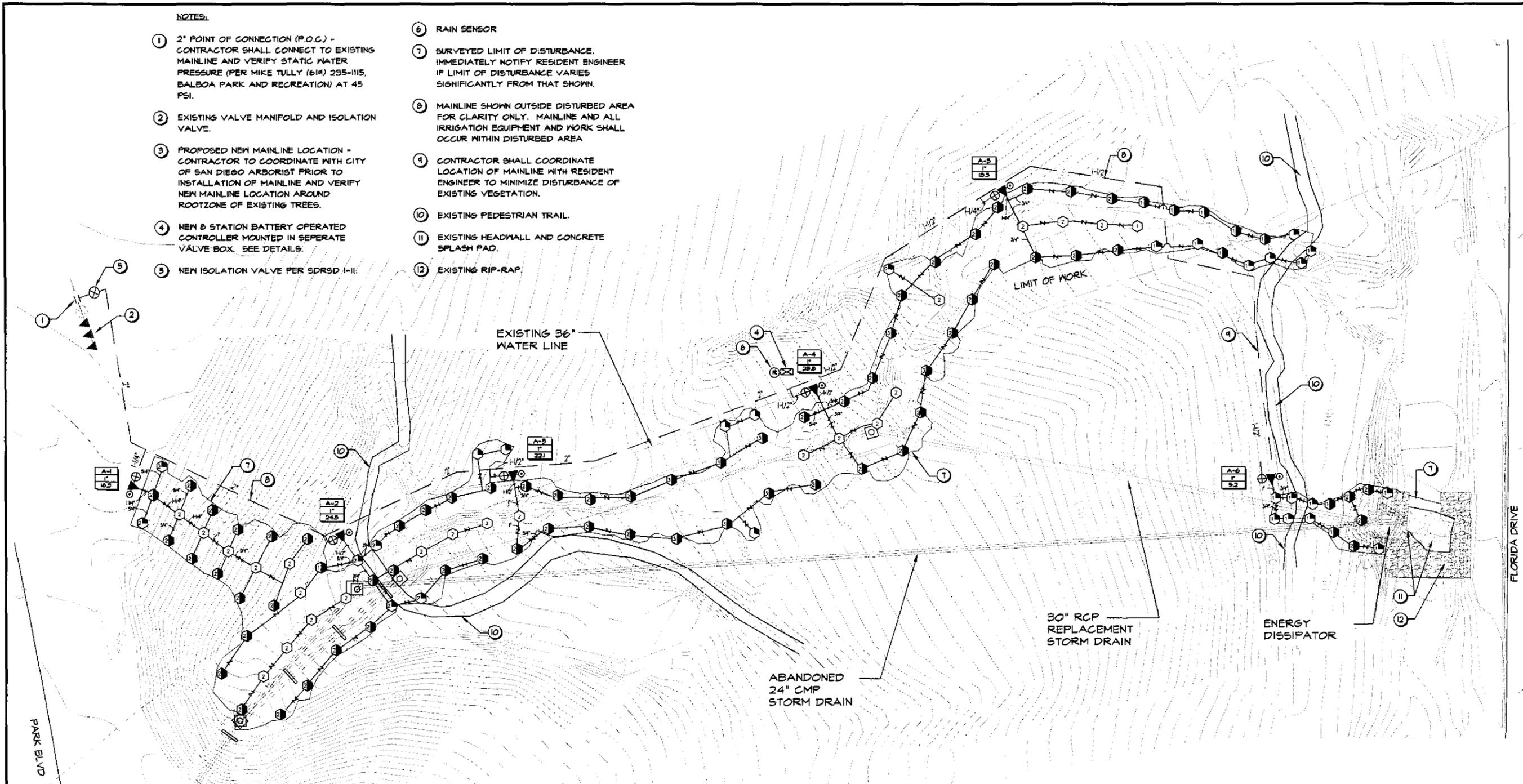
**ENGINEER OF WORK:**  
Mark H. Settis  
4103 3/30/11 6/10/09  
MARK H. SETTIS RCE NO EXP DATE



35277-5-D

NOTES:

- ① 2" POINT OF CONNECTION (P.O.C.) - CONTRACTOR SHALL CONNECT TO EXISTING MAINLINE AND VERIFY STATIC WATER PRESSURE (PER MIKE TULLY (619) 235-1115, BALBOA PARK AND RECREATION) AT 45 PSI.
- ② EXISTING VALVE MANIFOLD AND ISOLATION VALVE.
- ③ PROPOSED NEW MAINLINE LOCATION - CONTRACTOR TO COORDINATE WITH CITY OF SAN DIEGO ARBORIST PRIOR TO INSTALLATION OF MAINLINE AND VERIFY NEW MAINLINE LOCATION AROUND ROOTZONE OF EXISTING TREES.
- ④ NEW 8 STATION BATTERY OPERATED CONTROLLER MOUNTED IN SEPERATE VALVE BOX. SEE DETAILS.
- ⑤ NEW ISOLATION VALVE PER SDRSD I-II.
- ⑥ RAIN SENSOR
- ⑦ SURVEYED LIMIT OF DISTURBANCE. IMMEDIATELY NOTIFY RESIDENT ENGINEER IF LIMIT OF DISTURBANCE VARIES SIGNIFICANTLY FROM THAT SHOWN.
- ⑧ MAINLINE SHOWN OUTSIDE DISTURBED AREA FOR CLARITY ONLY. MAINLINE AND ALL IRRIGATION EQUIPMENT AND WORK SHALL OCCUR WITHIN DISTURBED AREA
- ⑨ CONTRACTOR SHALL COORDINATE LOCATION OF MAINLINE WITH RESIDENT ENGINEER TO MINIMIZE DISTURBANCE OF EXISTING VEGETATION.
- ⑩ EXISTING PEDESTRIAN TRAIL.
- ⑪ EXISTING HEADWALL AND CONCRETE SPLASH PAD.
- ⑫ EXISTING RIP-RAP.



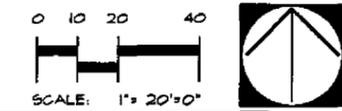
NOTE:  
THIS IRRIGATION SYSTEM IS DESIGNED TO PROVIDE SUPPLEMENTAL WATER FOR NATIVE REVEGETATION ONLY. IT IS INTENDED TO BE TEMPORARY AND ALL SPRINKLERS, VALVES AND CONTROLLERS SHALL BE SALVAGED AND TURNED OVER TO CITY FORCES WHEN SO DIRECTED BY THE RESIDENT ENGINEER. PIPE AND WIRES SHALL BE ABANDONED IN PLACE.

NOTE:  
IRRIGATION CONTROLLER IS POWERED BY (2) 9-VOLT BATTERIES. BATTERIES SHALL BE CHECKED AND/OR REPLACED EVERY SIX TO NINE MONTHS.

SEE SHEET LI-2 FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET LI-3 FOR IRRIGATION DETAILS.

DE LORENZO INCORPORATED  
1770 Manocok Street, Suite 180, San Diego, CA 92110  
619-284-8115 Fax: 619-297-2264

ENGINEER OF WORK:  
*Nicholas F. De Lorenzo*  
NICHOLAS F. DE LORENZO R.L.A. NO. EXP. DATE



FINAL SUBMITTAL

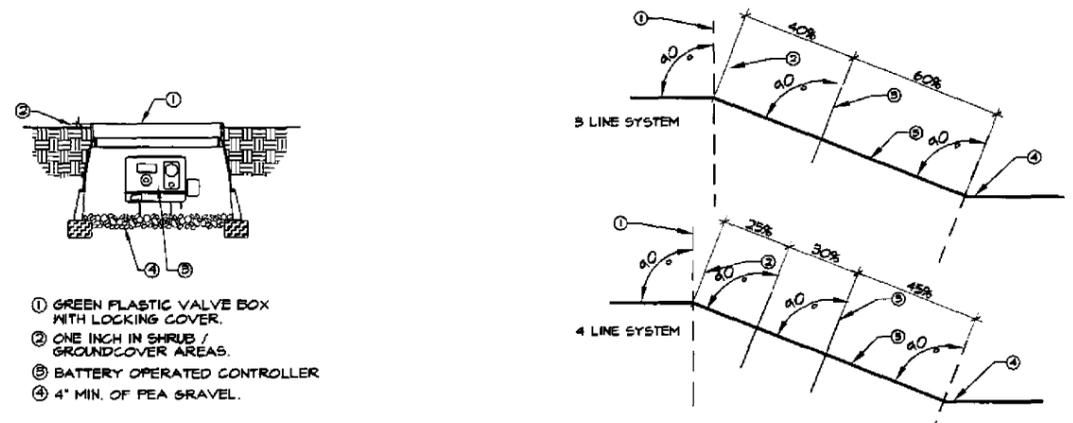
IMPROVEMENT PLANS FOR:  
FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN TEMPORARY IRRIGATION PLANS

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET OF SHEETS		R.D. NO. 28790
FOR CITY ENGINEER	DATE	
DESCRIPTION	BY	APPROVED
ORIGINAL	XXX	
AS-BUILTS		
CONTRACTOR	DATE STARTED	
INSPECTOR	DATE COMPLETED	
		35277-6-D

HUNTER IRRIGATION LEGEND FOR MP ROTATORS

Symbol	Pop-Up	Model	PSI	Pattern	Flow	Details
SHRUB POP-UP STRIP ROTOR						
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP LCG5515	40	5'x18'	.22	SDRSD 1-3
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP RCG5515		5'x18'	.22	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP RCG5515		5'x30'	.44	
SHRUB POP-UP CORNER ROTOR						
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MFCORNER NOZZLE - 45%	40	14'	.19	SDRSD 1-3
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MFCORNER NOZZLE - 90%		14'	.39	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MFCORNER NOZZLE - 105%		14'	.45	
SHRUB POP-UP ROTOR						
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 1000-40 NOZZLE	40	11'-14'	.19	SDRSD 1-3
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 1000-180 NOZZLE		11'-14'	.37	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 1000-360 NOZZLE		11'-14'	.75	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 2000-40 NOZZLE		16'-20'	.40	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 2000-180 NOZZLE		15'-19'	.74	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 2000-360 NOZZLE		15'-19'	1.47	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 3000-40 NOZZLE		24'-30'	.86	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 3000-180 NOZZLE		24'-30'	1.82	
▲	12"	HUNTER PROS-12-CV BODY W/ HUNTER MP 3000-360 NOZZLE		24'-30'	3.64	

- IRRIGATION SYMBOL LEGEND**
- ± Point of Connection at Manifold - Coordinate with Park and Recreation Staff \_\_\_\_\_ N/A
  - ▲ Remote Control Valve - TORO P220-2T-04-DCL5-P \_\_\_\_\_ SDRSD 1-14
  - ⊗ B Station Battery Operated Irrigation Controller - TORO DDCMP-8-4V \_\_\_\_\_ A/THIS SHEET
  - ⊙ Rain Sensor - TORO TRS Wired Rain Sensor. Mount 4' above finish grade on 4" x 4" redwood post away from influence of sprinkler spray. \_\_\_\_\_ N/A
  - ⊕ Ball Isolation Valve - KBI MLT SERIES \_\_\_\_\_ SDRSD 1-11
  - ⊙ Quick Coupler - RAINBIRD-44-LRC w/Key and Snivel Ell \_\_\_\_\_ SDRSD 1-5
  - Pressure Mainline - Class 315/Sch 40 PVC (See Specifications) \_\_\_\_\_ SDRSD 1-25
  - Non-Pressure Lateral Lines - Sch 40 PVC \_\_\_\_\_ SDRSD 1-14
  - In-line Check Valve - KBI, line sized \_\_\_\_\_ N/A
- A-24 Controller Station Number  
 1-12" Remote Control Valve Size  
 360 Gallons Per Minute (Flow)



- ① GREEN PLASTIC VALVE BOX WITH LOCKING COVER.
- ② ONE INCH IN SHRUB / GROUND COVER AREAS.
- ③ BATTERY OPERATED CONTROLLER
- ④ 4" MIN. OF PEA GRAVEL.

NOTE:  
 1. VALVE BOX TO BE LOCATED 3' AWAY FROM PARALLEL MAINLINE ROUTING.  
 2. MOUNT CONTROLLER INSIDE VALVE BOX PER MANUFACTURERS INSTRUCTIONS.

- ① LOCATION AND ANGLE OF IRRIGATION HEAD.
- ② TOP OF SLOPE.
- ③ MID SLOPE ROW(S)
- ④ BOTTOM OF SLOPE.
- ⑤ SLOPE FINISH GRADE.

**A BATTERY OPERATED CONTROLLER**  
NO SCALE

**B SLOPE IRRIGATION HEAD PLACEMENT**  
NO SCALE

GENERAL IRRIGATION NOTES

- THE IRRIGATION PLAN IS DIAGRAMMATIC AND IS PROVIDED AS A GUIDE TO THE LAYOUT AND INSTALLATION OF STANDARD IRRIGATION EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACTUAL LAYOUT OF THE SPRINKLER HEADS AND PATTERNS TO PRECISELY FIT THE PLANTING AREAS OF EACH PLANTER IN ACCORDANCE WITH THESE NOTES.
- DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES AND OTHER ITEMS WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS WORK AND PLAN HIS WORK ACCORDINGLY FURNISHING SUCH FITTINGS AND MATERIAL AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED.
- CONTRACTOR SHALL NOT FULLY INSTALL THE SYSTEM AS DESIGNED WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT KNOWN DURING THE DESIGN. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING CONDITIONS ON SITE AND CONTACTING THE GOVERNMENT REPRESENTATIVE. CONTRACTOR SHALL MAKE APPROPRIATE ADJUSTMENTS TO ENSURE THAT IRRIGATION COVERAGE IS 100% AS ACCEPTED BY THE GOVERNMENT.
- ALL IRRIGATION EQUIPMENT IS TO BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS SET FORTH IN THESE PLANS AND ALL OTHER CITY AND REGIONAL STANDARDS.
- HEAD-TO-HEAD COVERAGE IN SHRUB AND GROUND COVER AREAS SHALL NOT EXCEED 100%.
- THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN THE PLANS OR OTHER SITUATIONS WHERE THE IRRIGATION SYSTEM CANNOT BE INSTALLED AS INDICATED IN THESE PLANS.
- THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVERSPRAY ONTO WALKS, ROADWAYS AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO VARYING THE BEST DEGREE OF ARC TO FIT THE EXISTING SITE CONDITIONS, THE INCLUSION OF PRESSURE COMPENSATION FITTINGS OR FLOW REDUCTION SCREENS, THROTTLING THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE AND COVERAGE FOR EACH SYSTEM.
- THE CONTRACTOR SHALL PROVIDE AND KEEP UP TO DATE A COMPLETE "AS-BUILT" RECORD SET OF PRINTS WHICH SHALL BE CORRECTED DAILY AND SHOWN EVERY CHANGE FROM THE ORIGINAL DRAWINGS. BEFORE THE TIME OF THE FINAL OBSERVATION, THE CONTRACTOR SHALL TRANSFER ALL INFORMATION FROM THE "AS-BUILT" AS REQUIRED UNDER RECORD DRAWINGS, SHEET LT-2.
- A THOROUGH FLUSH OF ALL LATERAL LINES IS REQUIRED BEFORE INSTALLATION OF IRRIGATION NOZZLES.
- LANDSCAPE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PVC ELECTRICAL CONDUIT BELL (FOR CONTROL WIRE FOR IRRIGATION CONTROLLER) WITH ELECTRICIAN.
- CONTROL WIRES UNDER PAVING SHALL BE INSTALLED IN PVC SLEEVES. COORDINATE SLEEVE INSTALLATION WITH OTHER TRADES TO ENSURE PROPER AND TIMELY INSTALLATION IN LOCATIONS REQUIRED.
- PROVIDE FULL BOXES FOR CONTROL WIRES AT ALL CHANGES OF DIRECTION AND WHERE RUNS EXCEED 200 FEET. SPLICES SHALL BE MADE IN FULL BOXES OR CONTROL VALVE BOXES ONLY.
- INSTALL 1 SPARE CONTROL WIRE OF A DIFFERENT COLOR TO EACH VALVE CLUSTER ALONG THE ENTIRE MAINLINE AS SHOWN ON THE PLAN. LOOP 36" EXCESS WIRE INTO A SINGLE VALVE BOX AT EACH GROUP OF VALVES AT LOCATIONS AS SHOWN ON THE PLAN.
- ALL WIRE CONNECTIONS SHALL BE AS SHOWN ON DETAIL F, SHEET LT-3.
- CONTROLLER SHALL BE PROGRAMMED SO THAT WATER APPLICATION SHALL NOT EXCEED SOIL INFILTRATION RATE AND CAUSE RUN-OFF. APPLICATION RATE SHALL BE SUFFICIENT TO PREVENT ROOT STRESS.
- INSTALL QUICK COUPLING VALVES AND REMOTE CONTROL VALVES PERPENDICULAR AND ADJACENT TO WALKS AND CURBS.
- INSTALL VALVE BOXES PERPENDICULAR TO WALK, CURB, WALLS, FENCES OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM CURB/WALK. BOXES SHALL BE 6' APART. SHORT SIDE OF VALVE BOX SHALL BE PARALLEL TO WALK, CURB, WALLS, FENCES, ETC. INSTALL CHRISTY'S VALVE ID TAGS ON ALL IRRIGATION CONTROL VALVES.
- ALL NOZZLE ARCS SHALL BE SELECTED TO FIT THE ANGLE OF THE SPACE WHERE NECESSARY. A VARIABLE ARC NOZZLE (VAN) SHALL BE INSTALLED TO COVER ANGLES LESS THAN 90 DEGREES OR OTHER DIFFICULT TO COVER ANGLES. THE CONTRACTOR SHALL USE VARIABLE ARC NOZZLES ONLY IN AREAS WHERE FIXED ARC NOZZLES WILL NOT OPERATE CORRECTLY SINCE VAN NOZZLES HAVE A LOWER EFFICIENCY.
- ALL IRRIGATION SYSTEMS ARE TO BE TESTED IN THE PRESENCE OF THE CITY OF SAN DIEGO REPRESENTATIVE TO VERIFY PROPER COVERAGE, OPERATION AND ADJUSTMENT.
- PRESSURE TEST: ALL PRESSURE LINES SHALL BE TESTED UNDER A MINIMUM HYDROSTATIC PRESSURE OF 150 LBS. PER SQUARE INCH FOR 3 HOURS. ALL NON-PRESSURE LINES SHALL BE TESTED UNDER THE OPERATING PRESSURE. BOTH SHALL BE PROVEN WATER TIGHT. CONTRACTOR TO SUPPLY ALL EQUIPMENT NEEDED FOR TESTING. IF LEAKS DEVELOP, THE JOINTS SHALL BE REPLACED AND THE TEST REPEATED UNTIL THE ENTIRE SYSTEM IS PROVEN WATER TIGHT. TESTS SHALL BE OBSERVED & APPROVED BY THE LANDSCAPE ARCHITECT & GOVERNMENT REPRESENTATIVE PRIOR TO BACKFILL.
- CONTRACTOR SHALL ADJUST ALL HEADS AS REQUIRED TO ACCOMMODATE ANY VERTICAL OBSTRUCTIONS THAT MAY OCCUR, INCLUDING BUT NOT LIMITED TO LIGHT POLES, FIRE HYDRANTS, ETC. VERIFY ALL HEAD LAYOUT WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.
- ALL IRRIGATION REMOTE CONTROL VALVES SHALL BE PRESSURE REGULATING VALVES TO PREVENT SPRINKLER FOGGING/MISTING.
- CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS, AND RUBBISH INCIDENTAL TO WORK OF THIS SECTION.
- THE CONTRACTOR SHALL NOT ALLOW NOR CAUSE ANY OF HIS/HER WORK TO BE COVERED UNTIL IT HAS BEEN INSPECTED AND TESTED PER THE REQUIREMENTS INDICATED ON THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.
- THE IRRIGATION PLAN IS DIAGRAMMATIC AND IS PROVIDED AS A GUIDE TO THE LAYOUT AND INSTALLATION OF STANDARD IRRIGATION EQUIPMENT.
- DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES AND OTHER ITEMS WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS WORK AND PLAN HIS WORK ACCORDINGLY FURNISHING SUCH FITTINGS AND MATERIAL AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED.
- CONTRACTOR SHALL NOT FULLY INSTALL THE SYSTEM AS DESIGNED WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT KNOWN DURING THE DESIGN.
- ALL IRRIGATION EQUIPMENT IS TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S STANDARDS AND SPECIFICATIONS.
- THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL PIPES FOR OPTIMUM PERFORMANCE.
- THE CONTRACTOR SHALL PROVIDE AND KEEP UP TO DATE A COMPLETE "AS-BUILT" RECORD SET OF PRINTS WHICH SHALL BE CORRECTED DAILY AND SHOWN EVERY CHANGE FROM THE ORIGINAL DRAWINGS. BEFORE THE TIME OF THE FINAL OBSERVATION, THE CONTRACTOR SHALL TRANSFER ALL INFORMATION FROM THE "AS-BUILT" AS REQUIRED UNDER RECORD DRAWINGS, SHEET LT-2.

MAINTENANCE AND OPERATIONAL IRRIGATION NOTES

- IT IS THE OWNER'S RESPONSIBILITY TO SUPPLY THESE PLANS WITH THE FOLLOWING NOTES AND SPECIFICATIONS ALONG WITH CONTRACTOR DRAWN "AS-BUILT" PLANS TO ANY AND ALL FUTURE OWNERS.
- THE PURPOSE OF THIS SPRINKLER SYSTEM IS TO PROVIDE ONLY SUFFICIENT WATER TO MAINTAIN PLANT LIFE DURING DRY WEATHER CONDITIONS OR SUMMER SEASONS. TIME CLOCKS SHALL BE READJUSTED CONTINUOUSLY THROUGHOUT THE SEASON, ON A WEEKLY BASIS IF NECESSARY, TO PROVIDE WATER ONLY WHEN THE SOIL IS DRY AT A DEPTH OF 4" THE FIRST INITIAL GROWING SEASON AND 6" THE FOLLOWING YEARS. IF THE GROUND IS MOIST EITHER AT THE SURFACE OR A DEPTH OF 4" (DURING THE FIRST YEAR AFTER INITIAL PLANT ESTABLISHMENT) OR IS MOIST AT A DEPTH OF 6" THEREAFTER, SHUT THE TIME CLOCKS OFF AND DO NOT APPLY ADDITIONAL WATER UNTIL SOIL HAS BEEN ALLOWED TO DRY. READJUST THE CLOCK PRIOR TO TURNING VALVES BACK ON. IF RAIN IS FORECAST OR IS IMMINENT, ALL IRRIGATION SYSTEMS SHALL BE SHUT-OFF AND NOT REACTIVATED UNTIL THE SOIL HAS DRIED TO THE ABOVE DEPTHS.
  - IF ANY SUBSURFACE DRAINAGE OR RUN-OFF IS VISIBLE AT LOW AREAS, ACROSS SIDEWALKS, OR KEEPING OUT OF PLANTERS IMMEDIATELY SHUT THE VALVES OFF TO ALLOW THE AREA TO COMPLETELY DRY OUT. IF THIS CONDITION CONTINUES AFTER SUBSEQUENT WATERING, A QUALIFIED GEOLOGIST, STRUCTURAL ENGINEER, WATERPROOFING SPECIALIST OR GEOTECHNICAL ENGINEER MUST BE RETAINED TO PROVIDE RECOMMENDATIONS TO ELIMINATE SUBSURFACE WATER OR DRAINAGE PROBLEMS. IF DURING NORMAL IRRIGATION, PONDING TAKES PLACE ON ANY LANDSCAPE AREA, PLANTER, DRIVE, PARKING AREAS OR ANY OTHER AREA, THE IRRIGATION SYSTEM SHALL BE IMMEDIATELY SHUT-OFF AND A LICENSED CIVIL ENGINEER SHALL BE IMMEDIATELY CONTACTED TO PROVIDE RECOMMENDATIONS FOR POSITIVE AND PROPER DRAINAGE.
  - INSPECTIONS OF THE IRRIGATION SYSTEM SHALL BE MADE ON A DAILY BASIS TO OBSERVE AND PROVIDE REPAIRS OR REMEDIES TO THE FOLLOWING UNACCEPTABLE PROBLEMS:
    - A. OVER-SPRAY ON SIDEWALKS, STREETS, PAVED AREAS, FENCES, PARKING AREAS, WALLS, BUILDINGS OR OTHER STRUCTURES.
    - B. DRAINAGE OR RUN-OFF ACROSS SIDEWALKS, PAVING OR STREETS.
    - C. DAMAGED OR IMPROPERLY OPERATING HEADS, PIPES, VALVES, CONTROLLERS OR OTHER IRRIGATION EQUIPMENT.
    - D. IMPROPERLY ADJUSTED OR OPERATING MOISTURE OR RAIN SENSORS.
  - IF WATER IS OBSERVED ON STREETS OR PUBLIC SIDEWALKS, PROPER WARNING SIGNS OR BARRIERS SHALL BE ERECTED IMMEDIATELY TO ENSURE SAFETY AND PROTECTION OF THE PUBLIC. THE WET AREA SHALL BE DRIED IMMEDIATELY BY MECHANICALLY REMOVING WATER.
  - ONLY LICENSED AND QUALIFIED LANDSCAPE CONTRACTORS AND LANDSCAPE MAINTENANCE INDIVIDUALS SHALL PROVIDE OR MAKE REPAIRS TO IRRIGATION SYSTEM.
  - ALL IRRIGATION EQUIPMENT REQUIRES CONTINUOUS MAINTENANCE, CLEANING, ADJUSTMENT, PARTS REPLACEMENT AND INSPECTION. IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE THESE SERVICES ON A CONTINUAL AND REGULAR BASIS AND SCHEDULE.
  - WATER SHALL BE APPLIED TO PLANTING AREAS IN SHORT INTERVALS OR MOISTURE SENSORS SHALL BE ADJUSTED TO PREVENT ANY SURFACE PONDING OR RUN-OFF AND AT NO TIME SHALL WATER BE APPLIED TO CAUSE SOIL SATURATION.
  - OVERWATERING CAN RESULT IN DEATH OF PLANTS, POSSIBLE SOIL EXPANSION AND DAMAGE TO CONCRETE AND ASPHALT PAVING, DAMAGE TO FOUNDATIONS AND POSSIBLE LOSS OF SOIL COMPACTION. A QUALIFIED GEOTECHNICAL ENGINEER SHALL BE RETAINED TO PROVIDE SITE INSPECTIONS AT LEAST ON AN ANNUAL BASIS TO INSPECT FOR EXCESS SOIL MOISTURE.

THE RESPONSIBILITY OF ENSURING THAT THE ABOVE PRECAUTIONS, REPAIRS AND CONTINUING MAINTENANCE ARE PROPERLY PERFORMED IS THE RESPONSIBILITY OF THE OWNER. THE LANDSCAPE ARCHITECT HAS BEEN RETAINED TO PREPARE THESE PLANS ONLY AND DOES NOT PROVIDE POST CONSTRUCTION REVIEWS NOR REVIEWS OF ON-SITE MAINTENANCE. THE LANDSCAPE ARCHITECT DOES NOT ASSUME RESPONSIBILITY NOR LIABILITY OF MAINTENANCE OR REVIEW OF MAINTENANCE WORK OR REPAIRS OR DAMAGES RESULTING FROM LACK OF REPAIRS, MAINTENANCE ADJUSTMENTS, OR IMPROPER INSTALLATION OF IRRIGATION EQUIPMENT.

RECORD DRAWINGS

- BEFORE FINAL ACCEPTANCE OF WORK, THE CONTRACTOR SHALL PROVIDE A RECORD SET OF DRAWINGS SHOWING THE SPRINKLER SYSTEM AS INSTALLED. INFORMATION SHALL BE ON MYLAR FOR REPRODUCTION PURPOSES.
- ANY CHANGES IN LOCATION OF ITEMS OR TYPE OF INSTALLATIONS FROM THAT SHOWN ON DRAWINGS SHALL BE SO INDICATED ON THE RECORD DRAWINGS.
- VALVES SHALL BE NUMBERED AND CORRESPONDING NUMBERS SHALL BE SHOWN ON THE RECORD DRAWINGS.
- CONTROLLER, BACKFLOW ASSEMBLIES, REMOTE CONTROL VALVES, BALL VALVES, AND QUICK COUPLER VALVES SHALL BE LOCATED BY MEASURED DIMENSIONS. DIMENSIONS SHALL BE GIVEN TO PERMANENT OBJECTS AND SHALL BE TO THE NEAREST FOOT.
- ON THE INSIDE SURFACE OF THE COVER OF THE AUTOMATIC CONTROLLER, PREPARE AND MOUNT A COLOR-CODED CHART SHOWING THE VALVES, MAINLINE, AND SPRINKLER HEADS SERVICED BY THE CONTROLLER. ALL VALVES SHALL BE NUMBERED TO MATCH THE OPERATION SCHEDULE AND THE DRAWINGS. THIS CHART SHALL BE A PLOT PLAN SHOWING BUILDINGS, WALKS, ROADS AND WALLS. A PHOTOSTATIC PRINT OF THIS PLAN, REDUCED AS NECESSARY AND LEGIBLE IN ALL DETAILS, SHALL BE MADE TO A SIZE THAT WILL FIT INTO THE CONTROLLER COVER. THIS PRINT SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT AND SHALL BE HERMETICALLY SEALED IN PLASTIC. THIS PLAN SHALL THEN BE SECURED TO THE BACK OF THE ENCLOSURE DOOR.
- ON THE LID OF EACH REMOTE CONTROL VALVE BOX, HEAT IMPRINT THE VALVE DESIGNATION NUMBER AND INSTALL CHRISTY'S VALVE ID TAG ON ALL IRRIGATION REMOTE CONTROL VALVES.
- IMMEDIATELY UPON THE INSTALLATION OF ANY BURIED PIPE OR EQUIPMENT, THE CONTRACTOR SHALL INDICATE ON THE DRAWINGS THE LOCATIONS OF SAID EQUIPMENT. DIMENSIONS SHALL BE GIVEN FROM PERMANENT OBJECTS SUCH AS BUILDINGS, SIDEWALKS, CURBS AND DRIVEWAYS.

FINAL SUBMITTAL

IMPROVEMENT PLANS FOR:  
**FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN TEMPORARY IRRIGATION NOTES AND LEGEND**

CITY OF SAN DIEGO, CALIFORNIA  
 ENGINEERING AND CAPITAL PROJECTS DEPARTMENT  
 SHEET OF SHEETS

NO. 1549199-E 6286261  
 NAD83 COORDINATES

35277-7-D

WARNING

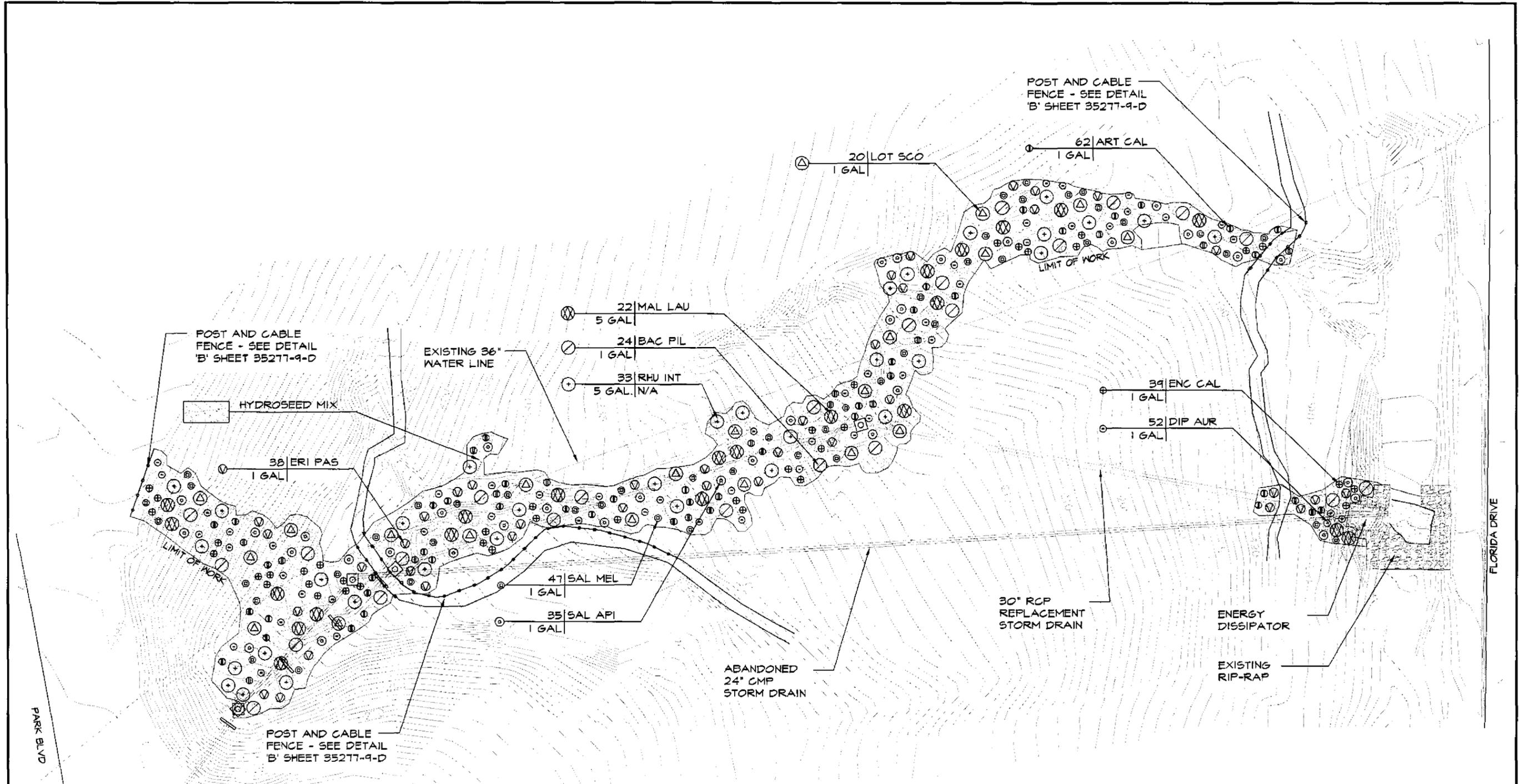
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DE LORENZO INCORPORATED  
 1776 Mancock Street  
 Suite 150  
 San Diego, CA 92110  
 619-295-6115  
 Fax: 619-297-2554

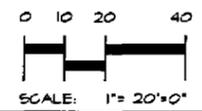
DATE: 12-1-10  
 AS-BUILT: 12-14-10  
 PROJ. MGR.: TC  
 DRAFTER: TC

ENGINEER OF WORK:  
 Nicholas F. DeJordy  
 NICHOLAS F. DEJORDY R.L.A. NO. EXP. DATE

SEAL OF LANDSCAPE ARCHITECT  
 NICHOLAS F. DEJORDY  
 STATE OF CALIFORNIA



FINAL SUBMITTAL



IMPROVEMENT PLANS FOR:  
**FLORIDA CANYON EVALUATION AND REPAIR OF  
 BROKEN STORM DRAIN PLANTING PLANS**

**DE LORENZO INCORPORATED**  
 1775 Manosok Street, Suite 100  
 San Diego, CA 92110  
 619-296-8415 Fax: 619-297-2554

**ENGINEER OF WORK:**  
 Nicholas F. DeLorenzo  
 License No. 2288  
 RLA No. 12/24/10  
 Exp. Date 12/4/09



CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET OF SHEETS		W.D. NO. 28760
FOR CITY ENGINEER		DATE
DESCRIPTION	BY	APPROVED DATE FILED
ORIGINAL	XXX	
AS-BUILTS		
CONTRACTOR	DATE STARTED	
INSPECTOR	DATE COMPLETED	
		<b>35277-8-D</b>

WARNING  
 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

**PLANTING NOTES**

- PLANTING INSTALLATION SHALL COMPLY WITH CITY OF SAN DIEGO REGULATIONS, GUIDELINES, AND STANDARDS.
- A. THE PLANTING PLAN IS DIAGRAMMATIC. ALL PLANT LOCATIONS ARE APPROXIMATE. PLANT SYMBOLS TAKE PRECEDENCE OVER PLANT QUANTITIES SPECIFIED.  
B. QUANTITIES SHOWN ON THE PLANTING PLAN ARE APPROXIMATE AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY.  
C. CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF DISCREPANCIES BETWEEN QUANTITIES AND SYMBOLS SHOWN.
- LANDSCAPE CONTRACTOR SHALL APPLY A CONTACT HERBICIDE, WHERE WEEDS ARE PRESENT, PER MANUFACTURERS SPECIFICATIONS, A MINIMUM OF TEN (10) DAYS PRIOR TO COMMENCEMENT OF ANY PLANTING OR IRRIGATION WORK. WEEDS SHALL BE ALLOWED TO COMPLETELY DIE BACK, INCLUDING THE ROOTS, BEFORE PROCEEDING WITH WORK.
- AFTER GRADING OPERATIONS ARE COMPLETE, LANDSCAPE CONTRACTOR SHALL TAKE SOIL SAMPLES REPRESENTATIVE OF CUT AND FILL CONDITIONS FROM A DEPTH OF SIX TO TWELVE INCHES. LANDSCAPE CONTRACTOR SHALL SUBMIT A SOIL ANALYSIS REPORT WITH RECOMMENDATIONS FROM AN AUTHORIZED TESTING AGENCY TO THE LANDSCAPE ARCHITECT BEFORE BEGINNING WORK. SOIL AMENDMENT MATERIALS AND QUANTITIES MAY BE REVISED ACCORDING TO THE REPORT'S RECOMMENDATIONS.
- PRIOR TO PLANTING, IRRIGATION SYSTEM SHALL BE FULLY OPERATIONAL AND ALL PLANTING AREAS SHALL BE THOROUGHLY SOAKED.
- PLANT BACKFILL SHALL BE 100% SITE SOIL.
- PLANT PITS SHALL BE PER DETAIL A, SHEET LP-2.
- PLANT MATERIAL SHALL NOT BE ROOT BOUND. PLANTS SHALL EXHIBIT HEALTHY GROWTH AND BE FREE OF DISEASES AND PESTS.
- PLANTS SHALL NOT BE PLACED WITHIN TWELVE (12) INCHES OF SPRINKLER HEADS.
- LANDSCAPE CONTRACTOR SHALL MAINTAIN A MINIMUM 2% DRAINAGE AWAY FROM ALL BUILDINGS, STRUCTURES AND WALLS. FINISHED GRADES SHALL BE SMOOTHED TO ELIMINATE PADDINGS OR STANDING WATER.
- FINISHED GRADES SHALL BE TWO (2) INCH BELOW THE TOP OF CURBS, SILLS, AND WALKWAYS IN ALL AREAS.
- THE LANDSCAPE CONTRACTOR SHALL LEAVE SITE IN A CLEAN CONDITION, REMOVING ALL UNUSED MATERIAL, TRASH, AND TOOLS.
- LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS FOR AN ESTABLISHING PERIOD OF ONE HUNDRED TWENTY (120) DAYS AFTER COMPLETION. ALL AREAS SHALL BE KEPT CLEAN, WATERED, AND WEED-FREE.
- AT COMPLETION OF ALL WORK OUTLINED IN THESE PLANS, THE LANDSCAPE CONTRACTOR SHALL CONTACT RESIDENT ENGINEER AND ARRANGE FOR A WALK THROUGH TO DETERMINE THAT ALL ASPECTS OF WORK ARE COMPLETED. WORK MUST BE FULLY COMPLETED ACCORDING TO ALL PLANS AND SPECIFICATIONS AND MUST BE COMPLETED IN A GOOD WORKMANSHIP MANNER AND MUST BE ACCEPTED BY THE RESIDENT ENGINEER IN WRITING PRIOR TO THE BEGINNING OF THE MAINTENANCE PERIOD.  
  
THE MAINTENANCE PERIOD SHALL INCLUDE THE FOLLOWING SCOPE OF WORK:  
A. WATERING OF ALL PLANT MATERIAL AS NEEDED.  
B. WEEDING AND REMOVAL OF ALL WEEDS FROM SHRUB AREAS.  
C. REPLACEMENT OF ANY DEAD, DYING, OR DAMAGED SHRUBS.  
D. ADJUSTING OF SPRINKLER HEAD HEIGHT AND WATERING PATTERN.  
E. FILLING AND RECOMPACTION OF ERODED AREAS.  
F. WEEKLY REMOVAL OF ALL TRASH, LITTER, CLIPPINGS, AND ALL FOREIGN DEBRIS.
- PRIOR TO END OF MAINTENANCE PERIOD, LANDSCAPE CONTRACTOR SHALL CONTACT RESIDENT ENGINEER AND ARRANGE FOR A FINAL WALK THROUGH. RESIDENT ENGINEER MUST ACCEPT ALL MAINTAINED AREAS IN WRITING PRIOR TO END OF MAINTENANCE PERIOD.
- A. ALL SHRUBS SHALL BE GUARANTEED BY THE CONTRACTOR AS TO GROWTH AND HEALTH FOR AN ESTABLISHING PERIOD OF ONE HUNDRED TWENTY (120) DAYS AFTER COMPLETION OF MAINTENANCE PERIOD AND FINAL ACCEPTANCE.  
B. THE CONTRACTOR, WITHIN FIFTEEN (15) DAYS OF WRITTEN NOTIFICATION BY THE RESIDENT ENGINEER, SHALL REMOVE AND REPLACE ALL GUARANTEED PLANT MATERIALS, WHICH FOR ANY REASON FAIL TO MEET THE REQUIREMENTS OF THE GUARANTEE. REPLACEMENT SHALL BE MADE WITH PLANT MATERIALS AS INDICATED OR SPECIFIED ON THE ORIGINAL PLANS, AND ALL SUCH REPLACEMENT MATERIALS SHALL BE GUARANTEED AS SPECIFIED IN THE ORIGINAL MATERIAL GUARANTEE.

**SPECIFICATIONS FOR HYDROSEEDING**

- HYDROSEEDING MIXTURES AND RATES OF APPLICATION**  
SEE LEGEND
- HYDROSEEDING SUSPENSION OR SLURRY COMPOSITION**  
SEE LEGEND
- APPLICATION PROCEDURES AND EQUIPMENT**
  - EQUIPMENT - HYDRAULIC EQUIPMENT USED FOR THE APPLICATION OF THE FERTILIZER, SEED AND SLURRY OF PREPARED MOOD PULP SHALL BE OF THE "SUPER HYDRO-SEEDER" TYPE AS APPROVED BY THE SAN DIEGO COUNTY ENGINEER. THIS EQUIPMENT SHALL HAVE A BUILT-IN AGITATION SYSTEM AND OPERATING CAPACITY SUFFICIENT TO AGITATE, SUSPEND, AND HOMOGENOUSLY MIX A SLURRY CONTAINING NOT LESS THAN 40% OF FIBER MULCH PLUS A COMBINED TOTAL OF 1% FERTILIZER SOLIDS FOR EACH 100 GALLONS OF WATER.  
  
THE SLURRY DISTRIBUTION LINES SHALL BE LARGE ENOUGH TO PREVENT STOPPAGE AND SHALL BE EQUIPPED WITH A SET OF HYDRAULIC SPRAY NOZZLES WHICH WILL PROVIDE A CONTINUOUS NON-FLUCTUATING DISCHARGE. THE SLURRY TANK SHALL HAVE A MINIMUM CAPACITY OF 1500 GALLONS AND SHALL BE MOUNTED ON A TRAVELING UNIT, EITHER SELF-PROPELLED OR DRAWN BY A SEPARATE UNIT, WHICH WILL PLACE THE SLURRY TANK SPRAY NOZZLES WITHIN SUFFICIENT PROXIMITY TO THE AREAS TO BE SEEDED.
  - PREPARATION - THE SLURRY PREPARATION SHALL TAKE PLACE AT THE SITE OF WORK AND SHALL BEGIN BY ADDING WATER TO THE TANK WHEN THE ENGINE IS AT HALF-THROTTLE. WHEN THE WATER LEVEL HAS REACHED THE HEIGHT OF THE AGITATOR SHAFT, GOOD RE-CIRCULATION SHALL BE ESTABLISHED AND, AT THIS TIME, THE SEED SHALL BE ADDED. FERTILIZERS SHALL THEN BE ADDED, FOLLOWED BY MOOD PULP MULCH.  
  
MULCH SHALL ONLY BE ADDED TO THE MIXTURE AFTER THE SEED AND WHEN THE TANK IS AT LEAST ONE-THIRD (1/3) FILLED WITH WATER.  
  
THE ENGINE THROTTLE SHALL BE OPENED TO FULL SPEED WHEN THE TANK IS HALF-FILLED WITH WATER. ALL THE MOOD PULP MULCH SHALL BE ADDED BY THE TIME THE TANK IS TWO-THIRDS (2/3) TO THREE-FOURTHS (3/4) FULL. SPRAYING SHALL COMMENCE IMMEDIATELY WHEN THE TANK IS FULL.
  - APPLICATION - THE OPERATOR SHALL SPRAY THE SLOPES WITH A UNIFORM, VISIBLE COAT BY USING THE GREEN COLOR OF THE MOOD PULP AS A GUIDE. THE SLURRY SHALL BE APPLIED IN A SWEEPING MOTION, IN AN ARCHED STREAM SO AS TO FALL LIKE RAIN, ALLOWING THE MOOD FIBERS TO BUILD ON EACH OTHER UNTIL A GOOD COAT IS ACHIEVED, AND THE MATERIAL IS SPREAD AT THE REQUIRED RATE PER ACRE.
  - ALL BARE SPOTS SHALL BE RESEEDED WITHIN NINETY (90) DAYS TO THE SATISFACTION OF THE CITY ENGINEER.

NOTE:  
FOR NON-IRRIGATED MIXES ONLY, APPLY SEED BETWEEN OCTOBER 1 AND FEBRUARY 1. IF NO RAIN, WATER SLOPES TO DEPTH OF 4 INCHES. CONTINUE TO WATER TO KEEP SEED BED FROM DRYING OUT UNTIL RAINS BEGIN.

LANDSCAPE CONTRACTOR SHALL ARRANGE FOR NON-IRRIGATED HYDROSEEDED SLOPE AREAS TO BE WATERED WITH A WATER TRUCK TEMPORARILY UNTIL HYDROSEEDING IS ESTABLISHED.

PRIOR TO THE ACCEPTANCE OF THE HYDROSEEDED AREAS BY THE CITY'S RESIDENT ENGINEER, A CERTIFICATION REPORT MUST BE SUBMITTED BY A REGISTERED LANDSCAPE ARCHITECT, STATING THAT THE HYDROSEEDING WAS DONE ACCORDING TO THE PROJECT SPECIFICATION AND THAT ITS GROWTH IS ADEQUATELY ESTABLISHED TO PREVENT EROSION.

**PLANT LEGEND**

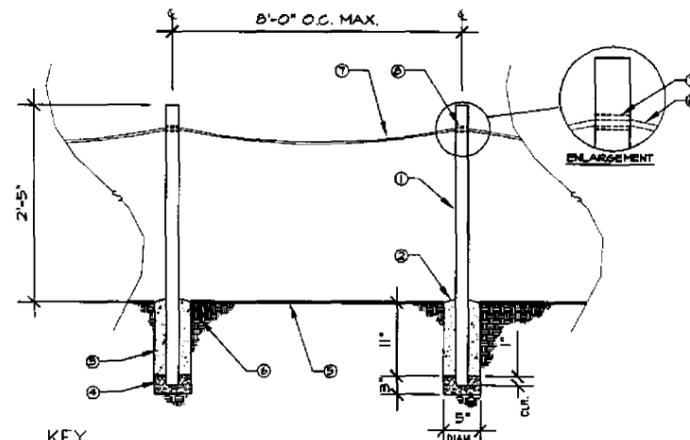
SYM.	ABR.	SCIENTIFIC NAME - COMMON NAME	HEIGHT	SIZE	QTY.	CLEAR FROM PATH
<b>SHRUBS / GROUND COVER</b>						
⊖	ART CAL	ARTEMISIA CALIFORNICA - CALIFORNIA SAGEBRUSH	1'	1 GAL.	62	36"
⊗	BAC PIL	BACCHARIS PILULARIS 'TWIN PEAKS' - COYOTE BRUSH	3'	1 GAL.	24	72"
⊙	DIP AUR	DIPLACUS AURANTIACUS - SAN DIEGO MONKEYFLOWER	3'	1 GAL.	52	36"
⊕	ENC CAL	ENCELIA CALIFORNICA - CALIFORNIA ENCELIA	3'	1 GAL.	34	36"
∇	ERI PAS	ERIOGONUM FASCICULATUM - CALIFORNIA BUCKWHEAT	3'	1 GAL.	38	48"
△	LOT SCO	LOTUS SCOPARIUS - DEERWEED	2'	1 GAL.	20	36"
⊗	MAL LAU	MALOSMA LAURINA - LAUREL SUMAC	15'	1 GAL.	22	72"
+	RHU INT	RHUS INTEGRIFOLIA - LEMONADEBERRY	10'	1 GAL.	33	72"
⊙	SAL API	SALVIA APIANA - WHITE SAGE	5'	1 GAL.	35	48"
⊙	SAL MEL	SALVIA MELLIFERA - BLACK SAGE	6'	1 GAL.	47	36"

**HYDROSEED MIX -**

	LBS/ACRE	% PURITY	% GERM
DICHELOSTEMMA FULCHELLUM / BLUE DICKS	3.0	95.0	50.0
ERIOPHYLLUM CONFERTIFLORUM / GOLDEN YARROW	2.0	30.0	60.0
ESCHSCHOLZIA CALIFORNICA / CALIFORNIA POPPY	2.0	98.0	80.0
LUPINUS BICOLOR / BICOLOR LUPINE	2.0	98.0	75.0
MIRABILIS CALIFORNICA / WISHBONE BUSH	2.0	0.00	0.00
PLANTAGO ERECTA / PLANTAIN	4.0	98.0	75.0
STIPA LEPIDA / FOOTHILL STIPA	15.0	90.0	60.0
<b>TOTAL</b>	<b>30.0</b>	<b>LBS/ACRE</b>	

**HYDROSEEDING SLURRY MIX:**

	LBS/ACRE
ECOFIBRE MULCH	2,000
ENVIRON-MEND BINDER	150

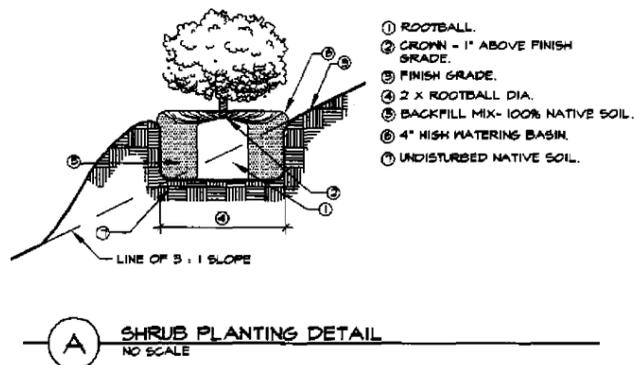


**KEY**

- 4x4 PRESSURE TREATED WOOD POST (8' O.C. MAX.)
- 1' CROWN AT TOP OF FOOTING, SLOPE TO DRAIN AWAY FROM POST.
- CONC. FOOTING, 2500 PSI @ 28 DAYS.
- 6' AGGREGATE BASE.
- FINISH GRADE.
- COMPACTED SUBGRADE PER STRUCTURAL SOILS REPORT RECOMMENDATION.
- DRILLED HOLE INTO WOOD POST
- CABLE

**NOTES**

- FOOTINGS TO BE POURED AGAINST UNDISTURBED SOIL OR RECOMPACTED SOIL. PER STRUCTURAL SOILS REPORT RECOMMENDATION.
- ALL WOOD SHALL BE CONSTRUCTION GRADE CEDAR, OR APPROVED EQUAL PER OWNER.



- ROOTBALL.
- CROWN - 1' ABOVE FINISH GRADE.
- FINISH GRADE.
- 2 X ROOTBALL DIA.
- BACKFILL MIX - 100% NATIVE SOIL.
- 4" HIGH WATERING BASIN.
- UNDISTURBED NATIVE SOIL.

**A SHRUB PLANTING DETAIL**  
NO SCALE

**B POST AND CABLE FENCE DETAIL**  
NO SCALE

**FINAL SUBMITTAL**

**IMPROVEMENT PLANS FOR:**  
FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN PLANTING LEGEND AND NOTES

CITY OF SAN DIEGO, CALIFORNIA  
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT  
SHEET OF SHEETS

FOR CITY ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_  
DESCRIPTION BY: \_\_\_\_\_ APPROVED: \_\_\_\_\_ DATE: \_\_\_\_\_ FILED: \_\_\_\_\_  
ORIGINAL: \_\_\_\_\_  
AS-BUILTS: \_\_\_\_\_  
CONTRACTOR: \_\_\_\_\_ DATE STARTED: \_\_\_\_\_  
INSPECTOR: \_\_\_\_\_ DATE COMPLETED: \_\_\_\_\_

R.O. NO. 28790  
N 1849189-E 6285291  
NAD83 COORDINATES  
35277-9-D

**DE LORENZO INCORPORATED**  
1775 Manocel Street, Suite 150, San Diego, CA 92110  
619-996-5115, Fax: 619-997-9254

**ENGINEER OF WORK:**  
Nicholas F. DeLorenzo, R.L.A. NO. 1388, EXP. 12/31/20, DATE 12/4/09

WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.





**Before Photo**

**FLORIDA CANYON STORM DRAIN REPAIR - PROJECT NO. 217602**

ATTACHMENT 8A



**Before Photo**

**FLORIDA CANYON STORM DRAIN REPAIR - PROJECT NO. 217602**

ATTACHMENT 8B



**After Photo**

**FLORIDA CANYON STORM DRAIN REPAIR - PROJECT NO. 217602**

-1-



**DEPARTMENT OF THE ARMY**  
**LOS ANGELES DISTRICT, CORPS OF ENGINEERS**  
6010 Hidden Valley Road, Suite 105  
Carlsbad, California 92011

May 7, 2009

REPLY TO  
ATTENTION OF:

Office of the Chief  
Regulatory Division

Ms. Jeannette DeAngeles  
City of San Diego, Engineering & Capital Projects Department  
1020 2nd Avenue, Suite 1200  
San Diego, California 92101

Dear Ms. DeAngeles:

This is in reply to your request via email (File No. SPL-2009-00312-TCD) dated April 9, 2009, for Department of the Army authorization to discharge fill material into waters of the United States associated with the Florida Canyon Emergency Storm Drain Repair. The proposed work would take place in Florida Creek at Florida Drive within the City and County of San Diego, California.

Based on the information you have provided, the Corps of Engineers has determined that your proposed activity complies with the terms and conditions of Regional General Permit (RGP) No. 63 (*RGP-63 Emergency Authorizations*).

As long as you comply with the general permit conditions of RGP-63, an individual permit is not required.

Specifically, you are authorized to:

1. Replace an existing headwall in Florida Creek with a dissipater box; to backfill the dissipater box, and to install riprap at the outfall of the dissipater box.
2. Emplace fill material as needed under an existing concrete slab structure below the headwall, and then to emplace riprap toe protection along the concrete structure as needed to prevent additional scouring.
3. The above activities will result in a total of approximately 200 square feet (0.005 acre) of impacts within waters of the United States.

-2-

Furthermore, you must comply with the following non-discretionary **Special Conditions**:

1. Temporary impacts to waters of the United States, including jurisdictional wetlands and non-wetland waters, shall be mitigated through the restoration of all temporary impact areas to per-construction contours. All disturbed areas shall be revegetated with pre-existing and/or native wetland vegetation.
2. The permittee shall permanently impact no more than 0.005 acre of waters of the United States, including jurisdictional wetlands. The permittee shall fence (with silt barriers) the limits of the construction corridor in the vicinity of any waters of the US, including jurisdictional wetlands, to prevent additional waters/wetlands impacts and the spread of silt from the construction zone into adjacent waters/wetlands. If waters/wetlands impacts occur outside these limits, all work shall cease, and the Corps shall be notified immediately.
3. The permittee shall staff a qualified biologist on site during project construction in the vicinity of waters of the United States, including jurisdictional wetlands, to ensure compliance with all requirements of this permit, and shall produce reports that document compliance with these requirements. The permittee shall submit the biologist's name, address, telephone number, email address (if available), and work schedule on the project to the Corps prior to the planned date of initiating waters/wetlands impacts authorized by this permit. The permittee shall report any violation to the Corps within one day of its occurrence, and shall submit compliance reports (including photographs of all areas of authorized impact) to the Corps (cc: RWQCB, FWS, and CDFG).
4. The permittee shall submit to the Corps (cc: RWQCB, FWS, and CDFG) within (30) days of completion of waters/wetlands impacts authorized by this RGP a report that will include as-built construction drawings with an overlay of waters/wetlands that were impacted and those that were preserved, dated and labeled photographs of waters/wetland areas that are impacted and those to be preserved, and a summary of all project activities which documents that authorized waters/wetlands impacts were not exceeded, and compliance with all permit conditions.
5. The permittee shall ensure that water quality is maintained within the channels, at and downstream of the project site, by incorporating appropriate design elements into the project (e.g., maintaining a soft bottom channel, installing detention basins, etc.) as approved by the Corps and RWQCB.

-3-

6. The permittee shall ensure that no net loss of wetlands will result with implementation of this project.
7. The permittee shall provide all on-site contractors, subcontractors, and forepersons a copy of this permit with General Conditions and Special Conditions. The permittee shall ensure that all of the above personnel read, understand, agree to, and comply with all terms and conditions of the verification. A copy of this permit, with General and Special Conditions, shall be on site at all times during construction activities.
8. The permittee shall provide written notification to the Corps of anticipated starting and completion dates of activities authorized by this RGP prior to or within one week of initiating construction.
9. The permittee shall allow Corps representatives to inspect the authorized activities at any time deemed necessary to ensure compliance with permit terms and conditions.
10. The permittee shall ensure that all construction materials, staging, storage, dispensing, furling, and maintenance activities are located in upland areas outside Corps jurisdiction, and that adequate measures are taken to prevent any potential runoff from entering waters of the United States (WUS).
11. The permittee shall not use mechanized equipment below the ordinary high water mark (OHWM), except when necessary in the immediate vicinity of the current authorized activity, in pending or on-going projects to prevent impacts to WUS beyond the authorized project footprint. Mechanized equipment shall be operated, whenever practicable, from the bank above the OHWM, and shall use existing road crossings to traverse WUS when access is necessary. The Permittee shall clearly mark the limits of the workspace with flagging or similar means to ensure mechanized equipment does not enter preserved waters of the U.S. and riparian wetland/habitat areas. Adverse impacts to waters of the U.S. beyond the Corps-approved construction footprint are not authorized. Such impacts could result in permit suspension and revocation, administrative, civil or criminal penalties, and/or substantial, additional, compensatory mitigation requirements.
12. No debris, sand, silt, trash, concrete or washings thereof, oil or other petroleum products or washings thereof, or other foreign materials shall be allowed to enter or be placed where it may be washed by rainfall or runoff waters into WUS. Upon project completion, any and all excess construction materials, debris,

-4-

and/or other excess project materials shall be removed to an appropriate upland disposal site (not WUS, including jurisdictional wetlands).

13. The permittee shall clearly mark all areas of Corps jurisdiction, including any associated riparian vegetation, that are not to be removed or otherwise adversely impacted during project implementation. Markers and/or barricades shall be clearly located to restrict access and ensure all movement of equipment and personnel to within the authorized construction/impact areas in Corps jurisdiction.
14. The permittee shall install silt fences to trap eroded sediments on-site and to divert runoff around disturbed soils. Silt fences shall also be placed along the tops and toes of slopes of access roads to prevent silt from discharging into WUS.
15. The permittee shall regularly apply water to construction areas to control dust in order to minimize impacts to WUS adjacent to construction areas.
16. The permittee shall ensure that equipment necessary to extinguish small brush fires (from sparking vehicles, etc.) is present on-site during all phases of project activities, along with trained personnel for use of such equipment.
17. All correspondence and submittals shall reference the Corps project name (City of San Diego E&CP/ *Florida Canyon Emergency Storm Drain Repair*) and File Number (2009-00312-TCD), conspicuously on any transmittal letter and/or the first page/paragraph of the text, and on any graphics or photographs. All plans and photographs shall be labeled and dated. Failure to provide this information may cause the Corps to determine that the submittals are incomplete, not submitted by the due date, or non-existent, and therefore, not compliant with permit conditions.

#### Cultural Resources:

1. Pursuant to 36 C.F.R. section 800.13, in the event of any discoveries during construction of either human remains, archeological deposits, or any other type of historic property, the Permittee shall notify the Corps; Archeology Staff within 24 hours (Steve Dibble at 213-452-3849 or John Killeen at 213-452-3861). The Permittee shall immediately suspend all work in any area(s) where potential cultural resources are discovered. The Permittee shall not resume construction in the area surrounding the potential cultural resources until the Corps re-authorizes project construction, per 36 C.F.R. section 800.13.

**Emergency (RGP63):**

1. The work authorized by this RGP must be underway no later than seven (7) calendar days from date of issuance of this letter of verification. All work must be completed no later than August 7, 2009. If the Permittee is unable to complete the authorized work by this date, the Permittee must request, in writing, an extension from the Corps prior to the deadline.
2. As directed in Regional General Permit (RGP) No. 63, any work authorized by this RGP must be the minimum necessary to alleviate the immediate emergency, unless complete reconstruction does not result in significantly increased impacts to aquatic resources and logistical concerns indicate such reconstruction is as expedient considering the condition of the project site and is limited to in-kind replacement or refurbishment.
3. As directed in Regional General Permit (RGP) No. 63, you shall provide a written report to this office (within 30 days of completing the project) after completion of any action conducted under this RGP. **PROVIDING THIS REPORT IS MANDATORY.** At a minimum the Report shall include the following:
  - A) The name, address, and telephone number of the applicant and the applicant's agent (if appropriate)
  - B) Full description of the activity including:
    - i) description of the emergency and the potential for loss of life or property
    - ii) purpose of the activity
    - iii) final goal of the entire activity
    - iv) location (e.g., latitude/longitude or UTM coordinates; section/township/range on appropriate USGS topographic map; Thomas Guide map, or other source to accurately portray project location)
    - v) size and description of project area (include maps or drawings showing the areal and lineal extent of the project, and pre- and post-construction photographs)
    - vi) quantities of materials used
  - C) information on receiving waterbody impacted including:
    - i) name of waterbody
    - ii) type of receiving waterbody (e.g., river/streambed, lake/reservoir, ocean/estuary/bay, riparian area, wetland type, etc.)
    - iii) temporary/permanent adverse impact(s) in acres/cubic yards/linear feet
    - iv) compensatory mitigation in acres/cubic yards/linear feet
    - v) other mitigation steps (to avoid, minimize, compensate)
  - D) information on federally listed or proposed endangered species or designated or proposed critical habitat (notification must be provided to FWS and/or NMFS as appropriate) including:

-6-

- i) temporary/permanent adverse impacts
- ii) compensatory mitigation
- iii) other mitigation steps (to avoid, minimize, compensate)

A general permit does not grant any property rights or exclusive privileges. Also, it does not authorize any injury to the property or rights of others or authorize interference with any existing or proposed Federal project. Furthermore, it does not obviate the need to obtain other Federal, State, or local authorizations required by law.

Thank you for participating in our regulatory program. If you have any questions, please call me at 760.602.4833 or e-mail me at Terrence.Dean@usace.army.mil.

Please be advised that you can now comment on your experience with Regulatory Division by accessing the Corps web-based customer survey form at: <http://per2.nwp.usace.army.mil/survey.html>.

Sincerely,



Terry Dean  
Senior Project Manager  
South Coast Branch  
San Diego Section

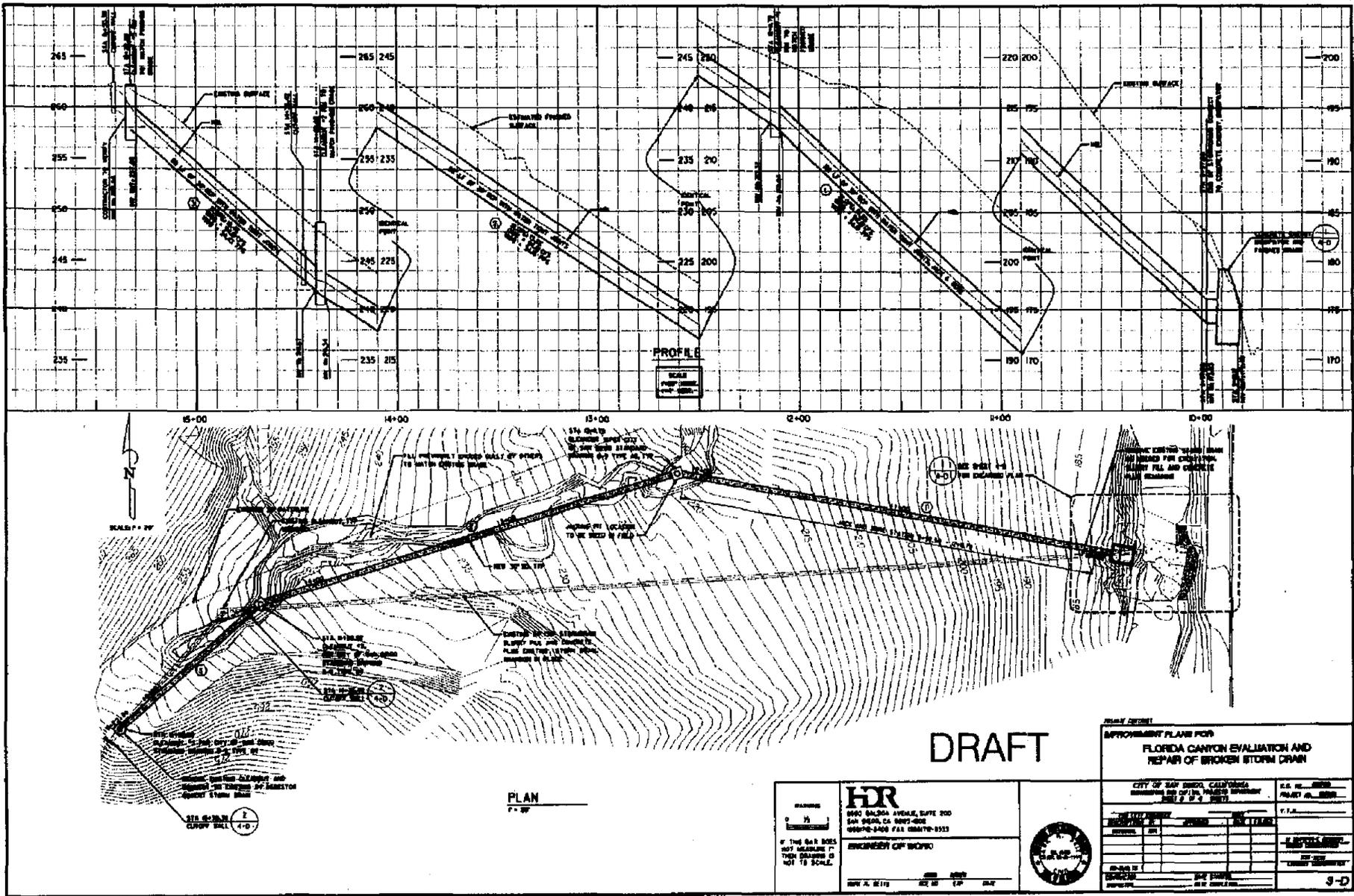
Enclosures

Cc:

CDFG, San Diego – Kelly Fisher  
RWQCB, San Diego – Jody Ebson







PLAN  
1" = 40'

DRAFT

**HR**  
 2840 BALBOA AVENUE, SUITE 200  
 SAN DIEGO, CA 92108-4002  
 (619) 444-1400 FAX (619) 444-1533

ENGINEER OF RECORD

NOV 2, 2010 10:00 AM



PROJECT GENERAL			
APPROVAL PLANS FOR FLORIDA CANYON EVALUATION AND REPAIR OF BROKEN STORM DRAIN			
CITY OF SAN DIEGO, CALIFORNIA DEPARTMENT OF PUBLIC WORKS 1100 G STREET, SAN DIEGO, CA 92101		S.D. NO. 10000 PLANET NO. 10000	
DATE: 11/2/10	PROJECT: 10000	SCALE: AS SHOWN	T.I.A.
DESIGNER: HR	ENGINEER: HR	DATE: 11/2/10	BY: [Signature]
APPROVED BY: [Signature]	DATE: 11/2/10	BY: [Signature]	DATE: 11/2/10
SHEET NO. 3-D			OF 3-D



Attachment A



LOS ANGELES DISTRICT  
U.S. ARMY CORPS OF ENGINEERS

**DEPARTMENT OF THE ARMY REGIONAL GENERAL PERMIT NUMBER 63  
FOR  
REPAIR AND PROTECTION ACTIVITIES IN EMERGENCY SITUATIONS**

**SPONSOR AND ISSUING OFFICE:** U.S. Army Corps of Engineers, Los Angeles District

**PERMIT NUMBER:** Regional General Permit No. 63 (File No. 995007000-BAH)

**ISSUANCE DATE:** December 22, 2008

**PERMITTEE:** Public agencies, businesses, or private parties (i.e., the public in general)

**Note:** The term "you" and its derivatives, as used in this permit means the permittee. The term "this office" refers to the Los Angeles District office of the Corps of Engineers, which has jurisdiction over the permitted activity, or the appropriate official of this office acting under the authority of the commanding officer.

After you receive written approval that your project complies with the terms and conditions of this RGP from this office, you are authorized to perform work in accordance with the *General Conditions* and any project-specific conditions specified below.

**PROJECT DESCRIPTION:** This permit authorizes discharges of dredged or fill material into Waters of the United States, including wetlands, and/or work or structures in Navigable Waters of the United States for necessary repair and protection measures associated with an emergency situation. An "emergency situation" is present where there is a clear, sudden, unexpected, and imminent threat to life or property demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property or essential public services (i.e., a situation that could potentially result in an unacceptable hazard to life or a significant loss of property if corrective action requiring a permit is not undertaken immediately).

**PROJECT LOCATION:** Within those parts of the State of California subject to regulatory review by this office, including the coastal slopes of San Luis Obispo County, all of Santa Barbara except for the Carrizo Plain, Ventura, Los Angeles, San Bernardino, Riverside, Orange, San Diego and Imperial counties, eastward of the crest of the Sierra Nevada in Inyo County, eastward of the crest of the Sierra Nevada in Mono County to the Conway Summit above Mono Lake, and the southern slopes of the Tehachapi Mountains in Kern County, and all of the State of Arizona. In the event of future modifications to District boundaries, this permit would also apply in any areas so revised.

**GENERAL CONDITIONS OF THIS RGP:**

1. **Time Period Covered:** The time limit for completing work authorized by this RGP ends on October 31, 2013.
2. **Notification/Communication:**
  - a. **Timing:** The applicant must notify the District Engineer (DE) as early as possible and shall not begin the activity until notified by the DE that the activity may proceed under this RGP with any site-specific special conditions imposed by the District or Division Engineer. The Corps recognizes there may be situations where imminent threats to life or property occur and the applicant has not received a notice to proceed from the DE. It is not the intention of this office to imply that one allows such threat to life or property result in actual loss. If one proceeds without such notice from the DE, one must ensure that prior notice of such a unilateral decision to proceed is made to this office by telephone, facsimile, e-mail, delivered written notice or other alternative means.
  - b. **Contents of Notification:** The notification should be in writing and include the following information:
    - (1) The name, address and telephone number of the applicant and the designated point of contact and their address and telephone number;
    - (2) The location of the proposed project, including the identification of the waterbody(ies) (this should include a copy of a U.S. Geologic Survey [USGS] topographic map, Thomas Guide map, or hand-drawn location map with suitable landmarks; the map should have sufficient detail to clearly indicate the location and extent of the project, as well as detailed directions to the site);
    - (3) A brief, but clear, description of the imminent threat to life or property and the proposed project's purpose and need;
    - (4) A description of methods anticipated to be used to rectify the situation ("field engineering" is not an adequate description. It is presumed if one mobilizes matériel and a particular piece of equipment to a site, then one probably has a fairly well-defined intention for that matériel and equipment. Plans, drawings or sketches showing the area to be impacted, cross sections showing details of construction, if appropriate, and a short narrative describing how the work is to be completed should be provided as a minimum); and
    - (5) A brief description of the project area's existing conditions and anticipated environmental impacts resulting from the proposed work (amount of dredge or fill material, acreage of disturbance, removal of significant vegetation, loss of habitat, etc.).
  - c. **Form of Notification:** The standard Application for Department of the Army Permit (Form ENG 4345), available from the District's website at <http://www.spl.usace.army.mil/regulatory/eng4345.pdf>, may be used as the notification and must include all of the information required in General Condition 2.b. Items (1)-(5) above. A letter or facsimile transmission may also be used. In certain situations where there is an imminent threat to life or property and the applicant is unable to make direct contact with this office, a message shall be left on voice mail or an e-mail message shall be sent. Again, those messages should include the information identified in General Condition 2.b. Items (1)-(5) above. Formal written notification should be sent to this office as soon as possible.

- d. **Agency Coordination:** Upon receipt of a notification, the DE will immediately provide (i.e., by facsimile transmission, overnight mail or other expeditious manner) a copy to the offices of the Environmental Protection Agency (EPA), the U.S. Fish and Wildlife Service (FWS), the NOAA Fisheries (NOAA), the Monterey Bay National Marine Sanctuary, the California Department of Fish and Game (CDFG), the California State Water Resources Control Board (SWRCB), the Arizona Department of Environmental Quality, the White Mountain Apache Tribe, the Navajo Nation, the Hualapai Tribe, the Hopi Tribe, the Big Pine Paiute Tribe of Owens Valley, the Bishop Paiute Tribe, or the Twenty-nine Palms Band of Mission Indians, the California Regional Water Quality Control Boards (RWQCB), the California Coastal Commission (CCC), and the State Historic Preservation Offices of California or Arizona, as appropriate. These agencies will be requested to telephone or facsimile transmit to the Corps Regulatory Branch Project Manager, as expeditiously as possible, a response indicating whether or not they intend to provide substantive, site-specific comments regarding the proposed project. If notified that comments will be provided by an agency or tribal representative, the DE will allow them to provide their comments in a short timeframe determined by the DE on a case-by-case basis to not likely result in loss of life or property before making a decision on the proposed project.

The DE will fully consider any comments received within the specified timeframe concerning the proposed activity's compliance with the conditions of their authority and the need for mitigation to reduce the project's adverse environmental effects to a minimal level. The DE will indicate the results of that consideration in the administrative record associated with the notification and will provide an informal response to the commenting agency by electronic mail, facsimile transmission or other means.

- e. **Mitigation:** Discharges of dredged or fill material into Waters of the United States must be avoided or minimized to the maximum extent practicable at the project site. Compensation for unavoidable discharge of fill materials may require appropriate mitigation measures. Factors that the DE will consider when determining the suitability of appropriate and practicable mitigation will include, but are not limited to:
- (1) The approximate functions and values of the aquatic resource being impacted, such as habitat value, aquifer recharge, sediment conveyance or retention, flood storage, etc.;
  - (2) The permanence of the project's impacts on the resource; and
  - (3) The potential long-term effects of the action on remaining functions and values of the impacted aquatic resource.

To be practicable, the mitigation must be available and capable of being done considering costs, existing technology, and logistics in light of the overall project purposes. Examples of mitigation that may be appropriate and practicable include, but are not limited to: reducing the size of the project; establishing wetland or upland buffer zones to protect aquatic resource values; replacing the loss of aquatic resource values by creating, restoring, or enhancing similar functions and values; or using bioremediation techniques in conjunction with other methods to offset project impacts. To the extent appropriate, applicants should consider mitigation banking and other forms of mitigation, including contributions to wetland trust funds or in-lieu fees to organizations such as State, county or other governmental or non-governmental natural resource management organizations, where such fees

contribute to the restoration, creation, replacement, enhancement, or preservation of aquatic resources.

- f. **District Engineer's Decision:** In reviewing the notification for the proposed activity, the DE will determine whether the activity would likely result in more than minimal individual or cumulative adverse environmental effects or may be contrary to the public's interest. The applicant may, as an option, submit a proposed mitigation plan with the notification to expedite the process and the DE will consider any mitigation (See General Condition 2.e. above.) the applicant has included in the proposal in determining whether the net adverse environmental effects for the proposed work are minimal. If the DE determines the activity complies with the terms and conditions of this RGP and the adverse effects are minimal, this office will notify the applicant and include any situation-specific conditions deemed necessary.

If the applicant elects to submit a mitigation plan as part of the proposed project, the DE will expeditiously review the proposed plan also. However, the DE may approve the mitigation proposal after the work is approved and project work has commenced.

If the DE determines the adverse effects of the proposed work are more than minimal, the DE will notify the applicant either:

- (1) That the project does not qualify for authorization under this RGP and instruct the applicant on the procedures to seek authorization under an individual permit or other general permit, or
- (2) That the project is authorized under this RGP subject to the applicant submitting a mitigation proposal that would reduce the adverse effects to the minimal level.

3. **Authorized Work:** Any work authorized by this RGP must be the minimum necessary to alleviate the immediate emergency, unless complete reconstruction only results in very minor additional impact to aquatic resources and logistical concerns indicate such reconstruction is as expedient considering the condition of the project site and is limited to in-kind replacement or refurbishment. Moderate upgrading would be considered if the applicant wishes to use bioremediation or other environmentally sensitive solutions. The RGP may NOT be used to upgrade an existing structure to current standards when that activity would result in additional adverse effects on aquatic resources, except in very unusual and limited circumstances. Such upgrade projects are considered separate activities for which other forms of authorization will be required.

Work not described in permit application documentation but deemed necessary after a field assessment is not authorized unless coordinated with the Regulatory project manager and acknowledged by appropriate means (i.e., e-mail or facsimile transmission, memo to the record, etc.). These coordinated permit modifications must also be described in sufficient detail in the post-project report (see RGP 63 General Condition 26). RGP 63 also does not authorize work required by property owners as *quid pro quo* for access through private or public property where such access is contingent upon work conducted by the permittee in waters of the U.S. for the benefit of the property owner. This is absolutely inappropriate and such additional activities are violations of Section 404 of the Clean Water Act unless previously authorized. If a local agency needs to acquire such access from an otherwise uncooperative property owner, existing condemnation procedures should be utilized to acquire the temporary access or permanent easement.

4. **Start Work Date:** Any projects authorized under this RGP must be initiated within seven (7) days of receiving authorization to proceed. Projects that cannot be initiated within this immediate timeframe generally would not meet the definition of an "emergency." If the project start time can be delayed for more than a week, the imminent threat of impending loss may have diminished in magnitude as well as immediacy. However, there may be limited circumstances where, after notice to and input by the agencies, logistical considerations necessitate an extension of between 1 and 7 days. Further, this RGP cannot be used to authorize long-planned-for projects, nor shall it be used for projects that are likely to have been known to the applicant but for which an application was not submitted in a timely manner. That is, the applicant's failure to act in a timely manner prior to the storm season will not obligate the Corps or other agencies to authorize work because of a self-described emergency situation unless we agree that the situation qualifies as an emergency as defined on page 1.
5. **Access to Site:** You must allow representatives from this office and other agencies to inspect the authorized activity at any time deemed necessary to ensure the project is being or has been accomplished in accordance with the terms and conditions of this RGP.
6. **Tribal Rights:** No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.
7. **Water Quality Certification:**

**For California Permittees on Non-tribal Land:** The California State Water Resources Control Board issued a technically conditioned certification for the RGP dated December 22, 2008. Specifically, the California SWRCB noted that California water quality certification, subject to limitations and conditions (described below), for activities under RGP 63 is subject to the following standard conditions:

1. *This certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the California Water Code and Article 6 (commencing with section 3867) of Chapter 28, Title 23 of the California Code of Regulations (CCR 23).*
2. *This certification action is not intended and shall not be construed to apply to any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent certification application was filed pursuant to subsection 3855(b) of Chapter 28, CCR 23, and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.*
3. *This certification is conditioned upon total payment of any fee required under Chapter 28, CCR 23, and owed by the applicant.*

The SWRCB also included the following additional conditions:

1. **Emergency definition**

*This certification is limited to emergency actions that meet the California Environmental Quality Act (CEQA) (Public Resources Code, § 21000 et seq.) definition of an "emergency," which is defined as follows:*

*A sudden, unexpected occurrence, involving a clear and imminent danger, demanding immediate action to prevent or mitigate loss of, or damage*

to, life, health, property, or essential public services. Emergency includes such occurrences as fire, flood, earthquake, or other soil or geologic movement, as well as such occurrences as riot, accident, or sabotage.

[Public Resources Code, § 21060.3 (emphasis added).]

Projects must meet the above definition of "emergency" and demonstrate an imminent threat to qualify for this water quality certification. For non-emergency projects, the applicant must contact either the State Water Resources Control Board (State Water Board) or the applicable Regional Water Quality Control Board (Regional Water Board) (collectively, Water Boards) to apply for an individual water quality certification.

## 2. Emergency exemption criteria

This certification is limited to projects that satisfy one or more of the following exemption criteria as defined by the CEQA Guidelines [California Code of Regulations, Title 14, § 15269.1]:

- a. Projects to maintain, repair, restore, demolish, or replace property or facilities damaged or destroyed as a result of a disaster in a disaster stricken area in which a state of emergency has been proclaimed by the Governor pursuant to the California Emergency Services Act, commencing with section 8550 of the Government Code.
- b. Emergency repairs to publicly or privately owned service facilities necessary to maintain service essential to the public health, safety, or welfare.
- c. Specific actions necessary to prevent or mitigate an emergency. This does not include long-term projects undertaken for the purpose of preventing or mitigating a situation that has a low probability of occurrence in the short-term.
- d. Projects undertaken, carried out, or approved by a public agency to maintain, repair, or restore an existing highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide, provided that the project is within the existing right of way of that highway and is initiated within one year of the damage occurring. This does not apply to highways designated as official State scenic highways, nor any project undertaken, carried out, or approved by a public agency to expand or widen a highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide.
- e. Seismic work on highways and bridges pursuant to section 180.2 of the Streets and Highways Code, section 180 et seq.

## 3. Scope and Time Frame

This certification is limited only to sudden, unexpected emergency situations defined in Additional Conditions 1 and 2 above that: (1) have occurred, or (2) have a high probability of occurring in the short term as a result of recently discovered factors or events not related to known or expected conditions. Additionally, the sudden, unexpected emergency situation must have the potential to result in an unacceptable hazard to life or a significant loss of property if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process the application under standard procedures.

Emergency repairs and reconstruction must begin within seven (7) calendar days of receiving authorization to proceed and shall be completed within one year of enrollment pursuant to this water quality certification. There may be limited

circumstances in which, after notice to and input by the agencies, logistical considerations necessitate an extension of between 1 and 7 days. All repairs and reconstruction shall be kept to the minimum necessary to alleviate the immediate emergency and limited to in-kind replacement or refurbishment of on-site features. Minor upgrading may be considered if the applicant uses bioremediation or other environmentally sensitive solutions. Permanent restoration work other than that performed as an associated part of the emergency operations, including any minor upgrades, shall not be performed without prior approval and authorization by the Water Boards.

#### 4. Forty-Eight Hour Notification

The prospective permittee must notify the State Water Board and the applicable Regional Water Board at least 48 hours prior to initiating the emergency project, if feasible. Feasibility is to be determined by the State Water Board or the applicable Regional Water Board. This notification must be followed within three (3) business days by submission of all of the information in the 48-hour emergency notification form, provided in Attachment C.

The Water Boards recognize there may be situations where imminent threats to life or property occur and the applicant has not received a notice to proceed. If immediate, specific actions, as defined in the California Code of Regulations, Title 14, section 15269(c), are required by an applicant and prior notice to the State Water Board and the applicable Regional Water Board is not possible, then the applicant must contact the State Water Board and the applicable Regional Water Board within one (1) business day of the action. As provided above, this notification must be followed within three (3) business days by submission of all of the information in the 48-hour emergency notification form, provided in Attachment C.

Notification may be via telephone, facsimile, e-mail, delivered written notice, or other verifiable means.

- A staff directory that includes contact information for the State and Regional Water Boards is found at:  
[http://www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/staffdirectory.pdf](http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/staffdirectory.pdf)
- For State Water Board, fax to (916) 341-5584 (Attn: DWQ 401 Unit), or leave a message at (916) 341-5506 (Regulatory Office).
- For Regional Water Board map boundaries, see  
<http://maps.waterboards.ca.gov/webmap/rbbound.html>

#### 5. Water Quality Standards Maintained

Permitted activities must not cause a violation of any applicable water quality standards, including impairment of designated beneficial uses for receiving waters as adopted in the Water Quality Control Plan (Basin Plan) by a Regional Water Board or the State Water Board. The Water Boards may impose monitoring requirements in order to ensure that permitted discharges and activities comport with any applicable water quality standards and/or effluent limitations.

#### 6. Other Permits May Be Required

This certification does not obviate the need to obtain other permits that may be required by federal, state, or local authorities.

7. *California Endangered Species Act*

*Permitted activities shall not result in the taking of any State endangered species, threatened species, or candidate species, or the habitat of such a species unless the activity is authorized by the California Department of Fish and Game pursuant to a permit, memorandum of understanding, or other document or program in accordance with Fish and Game Code sections 2081, 2081.1, or 2086.*

8. *Compliance*

*Failure to comply with any condition of this certification shall constitute a violation of the Clean Water Act and the Porter-Cologne Water Quality Control Act. Any such certification previously granted shall immediately be revoked, and any or all discharges shall cease. The permittee may then be subject to administrative and/or civil liability pursuant to Water Code section 13385.*

9. *Project Fees*

*The prospective permittee must provide to the State Water Board a fee for review and processing of the notice (Attachment C) in accordance with California Code of Regulations, Title 23, section 2200 (\$77 as of October, 2008; this amount is subject to change) within 48 hours of project initiation. Failure to promptly pay the correct fee amount may result in an inability to be enrolled pursuant to this water quality certification.*

10. *Final Report*

*The permittee must provide the State Water Board and the applicable Regional Water Board copies of all correspondence and reports that are submitted to the U.S. Army Corps of Engineers to satisfy the requirements of RGP 63. In addition, the permittee must fill in and submit the form provided in Attachment D. This information must be sent to the following addresses within 45 calendar days of completion of any action conducted under RGP 63:*

*Bill Orme, Chief  
CWA Section 401 WQC Program  
Division of Water Quality  
State Water Resources Control Board  
P.O. Box 100  
Sacramento, CA 95812-0100*

*CWA Section 401 WQC Program  
(Address of appropriate Regional Water Board, obtained from:  
[http://www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/staffdirectory.pdf](http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/staffdirectory.pdf))*

*Failure to submit Attachment D within 45 calendar days of completion of any action conducted under this water quality certification may result in the imposition of administrative and/or civil liability pursuant to Water Code section 13385.*

**STATE WATER BOARD CONTACT PERSON:**

*If you have any questions, please contact State Water Board Environmental Scientist Darren Bradford at (916) 341-5558 ([dbradford@waterboards.ca.gov](mailto:dbradford@waterboards.ca.gov)). You may also contact Bill Orme, Chief of the 401 Certification and Wetlands Protection Unit, at (916) 341-5464 ([borme@waterboards.ca.gov](mailto:borme@waterboards.ca.gov)).*

The SWRCB thereby issued an order certifying that any discharge from the referenced project will comply with the applicable provisions of Clean Water Act sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards), if all of the conditions listed in the certification action are met. The discharge is also regulated pursuant to State Water Board Water Quality Order No. 2003-0017-DWQ, which authorizes this certification to serve as Waste Discharge Requirements pursuant to the Porter-Cologne Water Quality Control Act (Water Code, § 13000 et seq.).

Further, the Board stated that "except insofar as may be modified by any preceding conditions, all certification actions are contingent on: (a) the discharge being limited and all proposed mitigation being completed in strict compliance with the applicant's project description (Attachment A) and the enclosed Project Information Sheet (Attachment B), and (b) compliance with all applicable requirements of the Regional Water Board's Water Quality Control Plan."

**For Arizona Permittees on Non-tribal Land:** The Arizona Department of Environmental Quality (ADEQ) issued a conditional Section 401 water quality certification for RGP 63 dated October 16, 2008 for all waters of the state on non-tribal lands in the State of Arizona.

*The following Section 401 Water Quality Conditions apply to all projects on non-tribal areas within Arizona approved by the Corps of Engineers under RGP 63, provided the remediation/repair activity is started within 30 days of event causing damage. (See RGP 63 General Condition 4 above) Otherwise, an individual 401 certification would be required unless the project would be authorized by other Nationwide Permit and verified by the Corps of Engineers.*

1. *Any discharge occurring as a result of activities certified for the subject project shall not cause a violation of surface water quality standards. Applicability of this condition is as defined in A.A.C. R18-11-102.*
2. *This certification does not authorize the discharge of wastewater, process residues or other waste to any WLIS ["Waters of the United States"].*
3. *Runoff and seepage from project activities shall not cause a violation of Arizona Surface Water Quality Standards for any WLIS.*
4. *Work shall be conducted and monitored to ensure that pollution from the project activities including, but not limited to: earthwork, concrete mixing and placement and*

*equipment maintenance and washing does not cause an exceedence of Arizona Surface Water Quality Standards in any WLIS.*

5. *Work shall be conducted and monitored to ensure that pollution from project activities including, but not limited to: earthwork, concrete mixing and placement, detention ponds, and equipment maintenance and washing does not drain into any WLIS.*
6. *The applicant is responsible for ensuring construction material and/or fill (other than replacement of native fill or that necessary to support revegetation) including, but not limited to: rock, gabion fill or other uncemented channel-lining materials, placed within the Ordinary High Water Mark (OHWM) of any WLIS, shall not include materials; e.g., pollutant-contaminated soil, that can cause or contribute to pollution of a surface water. Material used to support vegetation rooting or growth shall be protected from erosion. Any fill material washing must occur outside of the OHWM of any WLIS prior to placement and the rinseate from such washing shall be contained and treated, or otherwise prevented from contributing sediment or causing erosion to any WLIS. Other than replacement of native fill or material used to support vegetation rooting or growth, fill placed in locations subject to scour shall contain not more than ten percent (10%) on a dry weight basis of particles finer than 0.25 mm diameter (passing a No. 60 sieve).*
7. *Any dredged material is to be placed and retained in areas outside the OHWM of any WLIS. Runoff from this material/area is to be settled, filtered or otherwise treated to prevent escape of pollutants (including sediment) to any WLIS.*
8. *Upon completion of construction the applicant shall ensure no adverse change due to the subject project has occurred in the stability (with respect to stream hydraulics, erosion and sedimentation) of any WLIS including upstream and downstream from the project. If such change has occurred, the applicant shall take steps to restore the pre-project stability of any impacted segments.*
9. *All disturbed areas shall be restored and (re)vegetated as soon as possible. Vegetation shall be maintained on unarmored banks and slopes to stabilize soil and prevent erosion.*
10. *Permanent and temporary access roadways, staging areas and material stockpiles shall be designed or located to allow storm flows to pass unimpeded. Culverted and unculverted crossings and pads shall be constructed so as to accommodate the overtopping of the fill by streamflow and armored to prevent erosion of the fill.*
11. *Silt laden or turbid water resulting from construction activity shall be settled, filtered or otherwise treated prior to discharge to ensure no violation of Arizona Surface Water Quality Standards in any WLIS.*
12. *Acceptable construction materials that will or may contact water in any WLIS are: crushed stone, native fill (meeting the requirements in condition 6), concrete, steel, plastic, or aluminum and other materials specifically approved in writing by ADEQ.*

13. *Upon completion of the project activities, areas within the OHWM of all WLIS at the project site shall be promptly cleared of all forms, piling, construction residues, equipment, debris or other obstructions. Any debris including, but not limited to: soil, silt, sand, rubbish, cement, bituminous material, oil or petroleum products, organic materials, tires or batteries, derived from project activities shall not be stored at any site where it may be washed into a WLIS and shall be properly disposed of after completion of the work.*
14. *The applicant must designate area(s) for equipment staging and storage located entirely outside of the OHWM of any WLIS. Any equipment maintenance, washing or fueling that cannot be done offsite will be done here with the following exception: limited mobility equipment; e.g., large cranes, are allowed to be maintained and fueled within the OHWM. Material specifically manufactured and sold as spill adsorbent/absorbent will be on hand to control small spills. All equipment and workboats shall be inspected for leaks daily and prior to use within the OHWM of any WLIS. All leaks shall be repaired immediately. All equipment and workboats will be steam cleaned prior to use in any WLIS with flow.*
15. *The applicant shall have a spill containment plan onsite to ensure that pollutants are contained, removed and properly disposed of. In addition, the applicant must designate areas, located entirely outside of the OHWM of any WLIS, for chemical and petroleum storage and solid waste containment. All materials stored onsite will be stored in appropriate containers or packaging. Any pollutant produced by project activities shall be properly disposed of in accordance with applicable regulations. A spill response kit will be maintained in this (these) area(s) to mitigate a potential spill. The kit will include material specifically manufactured and sold as spill adsorbent/absorbent including booms. The applicant will ensure that whenever there is activity on the site, that there are personnel on site trained in the proper response to spills and the use of spill response equipment.*
16. *Permanent and temporary pipes, and culverted crossings and pads shall be adequately sized to handle expected flow and properly set with end section, splash pads, or headwalls that dissipate water energy to control erosion. Culverted and uncultivated crossings and pads shall be constructed so as to accommodate the overtopping of the fill by streamflow and armored to prevent erosion of the fill.*
17. *If fully, partially or occasionally submerged structures are constructed of cast-in-place concrete instead of pre-cast concrete planks or slabs, applicant will take steps; e.g., sheet piling or temporary dams (earth-filled cofferdams are not allowed), to prevent contact between water (instream and runoff) and the concrete until it cures and until any curing agents have evaporated or otherwise cease to be available; i.e., are no longer a pollutant threat.*

**ADEQ contact information:****Mailing address:**

Arizona Department of Environmental Quality  
Surface Water Section, 401 Certifications, mailstop 5415A-1  
1110 W. Washington St.  
Phoenix, AZ 85007  
Telephone:  
(602) 771-4502

For Permittees on Tribal Lands, water quality certification must be received from the appropriate certifying agency or tribal representative. In Los Angeles District, seven Native American tribes have been approved by the U.S. Environmental Protection Agency (EPA) for "treatment as states" regarding administration of the Water Quality Standards (WQS) program:

- The Navajo Nation in Arizona;
- The Hualapai Indian Tribe of the Hualapai Indian Nation, Arizona;
- The White Mountain Apache Tribe of the Fort Apache Reservation, Arizona;
- The Hopi Tribe of Arizona;
- The Big Pine Band of Owens Valley Paiute Shoshone Indians of Big Pine Reservation, California;
- The Paiute-Shoshone Indians of the Bishop Community of the Bishop Colony, California; and
- The Twenty-Nine Palms Band of Luisefio Mission Indians of California.

For projects on tribal lands of these identified tribes, the prospective permittee must receive individual Section 401 certification to ensure that proposed actions do not exceed tribal water quality standards.

The U.S. Environmental Protection Agency issued a conditioned Section 401 certification for all other tribal lands in Los Angeles District on November 20, 2008. However, inclusion of restrictions in the certification on the Corps' implementation of the RGP unrelated to water quality considerations requires the Corps to consider it a denial of certification pursuant to regulations at 33 C.F.R. § 330.4(c)(2) and (3) and Regulatory Guidance Letter 92-04. Therefore, for all projects on tribal lands in Los Angeles District other than those of the seven tribes noted above must be individually certified by the EPA pursuant to Section 401 of the Clean Water Act. Requests for Section 401 water quality certification must be sent to the appropriate EPA Section 404 Permit Review staff (list below) for the county in which the project would occur, and to:

David W. Smith, Chief  
Wetland Regulatory Office (WTR-8)  
U.S. EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
smith.davidw@epa.gov  
(415) 972-3464 phone  
(415) 947-3537 fax

**EPA Section 404 Permit Review Personnel****California****Santa Barbara, Ventura and Los Angeles Counties**

Eric Raffini 415-972-3544 raffini.eric@epa.gov

**Kern County**

Erin Kleeman 916-557-5253 foresman.erin@epa.gov

**San Diego and Imperial Counties**

Elizabeth Goldmann 415-972-3398 goldmann.elizabeth@epa.gov

**San Luis Obispo County**

Rob Leidy 415-972-3463 leidy.robert@epa.gov

**Mono, Inyo, San Bernardino, Riverside and Orange Counties**

Jorine Campopiano 213-244-1808 campopiano.jorine@epa.gov

**Arizona****Mohave, La Paz, Yuma, Pima, Santa Cruz and Cochise Counties**

Elizabeth Goldmann 415-972-3398 goldmann.elizabeth@epa.gov

**Coconino, Yavapai, Maricopa, Pinal, Gila, Navajo, Apache, Greenlee and Graham Counties**

Melissa Sciarri 415-972-3821 sciarri.melissa@epa.gov

8. **Coastal Zone Management:** For those projects affecting uses or resources of the coastal zone, the Federal Coastal Zone Management Act (CZMA) requires that the permittee obtain concurrence from the California Coastal Commission that the project is consistent with the State's certified Coastal Management Program. For activities within the coastal zone that require a coastal development permit from the commission, the permittees should contact the Commission office to request an emergency permit, and no additional federal consistency review is necessary. For activities within the coastal zone that require a coastal development permit from a local government with a certified local coastal program, the permittee should contact the appropriate local government. Because a coastal permit issued by a local agency does not satisfy the federal consistency requirements of the CZMA, the permittee should also contact Mark Delaplaine, (415) 904-5289, Federal Consistency Coordinator for the Commission to determine the appropriate emergency procedures. For any activity outside the coastal zone, but with the potential to affect coastal uses or resources, or for any activity conducted by a federal agency, the permittee should contact Mark Delaplaine, (415) 904-5289, Federal Consistency Coordinator for the Commission to determine the appropriate emergency procedures.

Due to the often limited time constraints with emergency actions, the Corps would not require the permittee to provide proof of review by the Commission, if such an action would result in undue harm to life or property. However, the Corps will require the permittee to provide evidence of consistency upon completion of the project unless the Corps is already

aware that a particular project, class of projects, or projects in a particular area described by the Commission, have received such determinations or waivers.

Disposal of flood-delivered sediments into the marine environment is not authorized under RGP 63 due to potential adverse effects to the habitat and water quality. If such activity is proposed, it shall be addressed through other permitting procedures.

9. **Endangered Species:** No activity is authorized under this RGP which is likely to jeopardize the continued existence of a threatened or endangered species or destroy or adversely modify designated critical habitat as identified under the Federal Endangered Species Act (ESA). Authorization of an activity by the RGP does NOT authorize the "take" of a listed threatened or endangered species, as defined under the Federal ESA. The U.S. Fish and Wildlife Service and/or National Marine Fisheries Service may provide project-specific recommendations to avoid or minimize potential take of listed species or adverse modification of designated critical habitat. The Corps would remain the final arbiter regarding the degree to which the recommendations would be incorporated into the emergency authorization.

Information on the location of listed or proposed threatened or endangered species and their designated or proposed critical habitat can be obtained directly from the FWS or NOAA or from their websites at:

USFWS - <http://www.fws.gov/endangered/>

NOAA - <http://www.nmfs.noaa.gov/pr/species/>

10. **Historic Properties:** Impacts to historic properties listed, proposed for listing, or potentially eligible for listing in the National Register of Historic Places will be avoided to the maximum extent practicable. If such resources are impacted because of actions authorized under this RGP, the permittee shall provide a full report of the action and the impacts incurred by the resource to this office within 45 days after completion of the action. The Corps, the SHPO and/or the Advisory Council for Historic Preservation will then jointly make a determination as to appropriate procedures and/or mitigation to be addressed.

If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this RGP, you must immediately notify the Corps Regulatory Branch who will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

11. **Regional and Case-by-Case Conditions:** The activity must comply with any regional conditions added by the Division Engineer (see CFR Part 330.4(e)) and with any case-specific conditions added by the District Engineer.
12. **Erosion and Siltation Controls:** Every effort must be made to ensure any material dredged or excavated from Waters of the United States is not likely to be washed back into any Waters of the United States. When feasible, erosion and siltation controls, such as siltation or turbidity curtains, sedimentation basins, and/or straw bales or other means designed to minimize turbidity in the watercourse above background levels existing at the time of construction, shall be used and maintained in effective operating condition during construction unless conditions preclude their use, or if conditions are such that the proposed work would not increase turbidity levels above the background level existing at the time of the work. All exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must

be stabilized at the earliest practicable date to preclude additional damage to the project area through erosion or siltation.

13. **Equipment:** When feasible, and if personnel would not be put into any additional potential hazard, heavy equipment working in wetlands must be placed on mats, or other measures must be taken to minimize soil disturbance, such as use of wide-treaded equipment or floatation devices.
14. **Suitable Material:** No discharge of dredged or fill material may consist of unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.) and material discharged must be free from toxic pollutants in toxic amounts. (See Section 307 of the Clean Water Act)
15. **Wild and Scenic Rivers:** No activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while that river is in an official study status, unless the appropriate Federal agency with direct management responsibility for that river has determined in writing that the proposed activity would not adversely effect the Wild and Scenic River designation or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency in the area (e.g., FWS, National Park Service, USDA Forest Service, Bureau of Land Management). Currently the only designated Wild and Scenic River systems in the Los Angeles District are the main stem of Sespe Creek from its confluence with Rock Creek and Howard Creek downstream to where it leaves Section 26, T5N, R20W, and the Sisquoc River from its origin to the Los Padres National Forest boundary in California; and the Verde River from the section line between Sections 26 and 27, T13N, R5E, Gila-Salt River meridian to the confluence of Red Creek with the Verde River within Section 34, T9 1/2N, R6E.
16. **Aquatic Life Movements:** No activity may substantially disrupt the movement of those species of aquatic life indigenous to the water body, including those species that normally migrate through the area. Culverts placed in streams must be installed to maintain low flow conditions.  
 For coastal watersheds in Los Angeles District known to harbor one or more life stages of anadromous salmonid fishes (e.g., steelhead or salmon), all projects requiring replacement of culverts under road crossings shall consider a bridge crossing design that ensures passage and/or spawning of these species is not hindered in any way. In these areas, bridge designs that span the stream or river, including designs for pier- or pile-supported spans, or designs based on use of a bottomless arch culvert simulating the natural stream bed (i.e., substrate and streamflow conditions in the culvert are similar to undisturbed stream bed channel conditions) shall be employed unless it can be demonstrated the stream or river does not support resources important to anadromous salmonids, including migration of adults and smolts, or rearing and spawning.
17. **Shellfish Production:** No discharge of dredged or fill material may occur in areas of concentrated natural or commercial shellfish production, unless the discharge is directly related to a shellfish harvesting activity authorized by the Corps' Nationwide Permit (NWP) 4.

18. **Spawning Areas:** Discharges in spawning areas during spawning seasons must be avoided to the maximum extent practicable.
19. **Waterfowl Breeding Areas:** Discharges into breeding areas for migratory waterfowl must be avoided to the maximum extent practicable.
20. **Navigation:** No activity may cause more than a minimal adverse effect on the course or capacity of a navigable water. The permittee shall agree that, if future operations by the United States require the removal, relocation, or other alteration of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expenses to the United States. No claim shall be made against the United States on account of any such removal or alteration.
21. **Water Supply Intakes:** No discharge of dredged or fill material may occur in the proximity of a public water supply intake except where the discharge is for repair of the public water supply intake structures or adjacent bank stabilization.
22. **Obstruction of High Flows:** To the maximum extent practicable, discharges must not permanently restrict or impede the passage of normal or expected high flows or cause the relocation of the water except within the existing river plain (unless the primary purpose of the fill is to impound waters).
23. **Adverse Effects from Impoundments:** If the discharge creates an impoundment of water, adverse effects on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow shall be minimized to the maximum extent practicable.
24. **Proper Maintenance:** Any structure or fill authorized by this RGP shall be maintained, including maintenance to ensure public safety, unless it is later determined that the structure is further contributing to other adverse conditions to private or public property. In such situations, corrective measures will be taken to rectify these adverse conditions, including removal and/or redesign of the original emergency corrective action, or appropriate mitigation as determined through coordination with you and the appropriate Federal and State agencies. Temporary levees constructed to control flows shall not be maintained beyond the current storm season (i.e., maintenance of temporary levees is not authorized after the storm season in which the need arose).
25. **Removal of Temporary Fills:** Temporary fills shall be removed in their entirety and the affected areas returned to pre-existing elevations and revegetated with appropriate native riparian or wetland vegetation common to the area. If an area impacted by such a temporary fill is considered likely to naturally re-establish native riparian or wetland vegetation to a level similar to pre-project or pre-event conditions within two years, you will not be required to do so.

26. **Reports:** You shall provide a concise written report to this office as soon as practicable (within 45 days of completing the project) after completion of any action conducted under this RGP. **PROVIDING THIS REPORT IS MANDATORY.** This office has additional responsibilities pursuant to consultation with the FWS and NOAA under Section 7 of the ESA. Further, these reports enable us to track the use of this RGP to verify that the minimal effects determination is being met as required by Section 404(e) of the CWA. Failure to provide timely reports following responses to emergencies is non-compliance with the General Conditions of this RGP and would be considered a violation (33 CFR Part 326.4(d)).

At a minimum the Report shall include the following:

- I. The name, address, and telephone number of:
  - (a) the applicant
  - (b) the applicant's agent (if appropriate)
- II. Full description of the activity including:
  1. description of the emergency and the potential for loss of life or property;
  2. purpose of the activity;
  3. final goal of the entire activity;
  4. location (e.g., latitude/longitude or UTM coordinates; section/township/range on appropriate USGS topo map; Thomas Guide map, or other source to accurately portray project location);
  5. size and description of project area (include maps or drawings showing the areal and lineal extent of the project, and pre- and post-construction photographs);
  6. quantities of materials used;
  7. information on receiving waterbody impacted including:
    - a) name of waterbody
    - b) type of receiving waterbody (e.g., river/streambed, lake/reservoir, ocean/estuary/bay, riparian area, wetland type, etc.)
    - c) temporary/permanent adverse impact(s) in acres/cubic yards/linear feet
    - d) compensatory mitigation in acres/cubic yards/linear feet
    - e) other mitigation steps (to avoid, minimize, compensate); and
  8. information on federally listed or proposed endangered species or designated or proposed critical habitat (notification must be provided to FWS and/or NOAA as appropriate) including:
    - a) temporary/permanent adverse impacts
    - b) compensatory mitigation
    - c) other mitigation steps (to avoid, minimize, compensate).

If there are a substantial number of projects and this requirement would consume large quantities of your staff resources, you may, as an option, submit a comprehensive report providing all of the information required in the notification condition (Item 2.b.) above. The report shall include a description of the emergency and the potential for loss of life or property, maps to the project location, maps or drawings showing the areal and lineal extent of the project, quantities of material used, and pre- and post-construction photographs, if available. If the project was conducted in an area known to harbor Federally listed or proposed endangered species or designated or proposed critical habitat, you must include a list of measures taken to minimize harm to the species and/or habitat and include an additional a copy of the report for the FWS and/or the NOAA, as appropriate. If mitigation was determined to be appropriate for

a specific project or group of projects, a mitigation proposal must be submitted to this office for review and approval.

**FURTHER INFORMATION:**

1. **Congressional Authorities:** Activities conducted under this RGP are authorized pursuant to:
  - (X) Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403).
  - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
2. **Limits of authorization under RGP 63:**
  - a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.
  - b. This permit does not grant any property rights or exclusive privileges.
  - c. This permit does not authorize any injury to the property or rights of others.
  - d. This permit does not authorize interference with any existing or proposed Federal project.
3. **Limits of Federal Liability:** In issuing this permit, the Federal Government does not assume any liability for the following:
  - a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
  - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
  - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
  - d. Design or construction deficiencies associated with the permitted work.
  - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. **Reliance on Applicant's Data:** The determination of this office that issuance of verification under RGP 63 is not contrary to the public interest was made in reliance on the information provided by the permittee.
5. **Reevaluation:** This office may reevaluate its decision to issue this RGP, or on the verification that any particular activity qualifies for this RGP, at any time circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
  - a. You fail to comply with the terms and conditions of this permit.
  - b. The information provided by you in support of your permit verification request or after-action report proves to have been false, incomplete, or inaccurate. See Item 4 above.
  - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to

comply with such directive, this office may, in certain situations (such as those specified in 33 CFR 209.170), accomplish the corrective measures by contract or otherwise and bill you for the cost.

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

---

DAVID J. CASTANON  
Chief, Regulatory Division

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DATE

 City of San Diego <b>Development Services</b> 1222 First Ave. 3rd Floor San Diego, CA 92101 (619) 446-5210 <small>THE CITY OF SAN DIEGO</small>	<h2 style="margin:0;">Development Permit/ Environmental Determination Appeal Application</h2>	<b>FORM DS-3031</b>  MAY 2010
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ORIGINAL



See Information Bulletin 505, "Development Permits Appeal Procedure," for information on the appeal procedure.

**1. Type of Appeal:**

<input type="checkbox"/> Process Two Decision - Appeal to Planning Commission	<input type="checkbox"/> Environmental Determination - Appeal to City Council
<input checked="" type="checkbox"/> Process Three Decision - Appeal to Planning Commission	<input type="checkbox"/> Appeal of a Hearing Officer Decision to revoke a permit
<input type="checkbox"/> Process Four Decision - Appeal to City Council	

**2. Appellant** Please check one  Applicant  Officially recognized Planning Committee  "Interested Person" (Per M.C. Sec. 113.0103)

Name: CREED-21 c/o Briggs Law Corporation		E-mail Address: Mekaela@briggslawcorp.com	
Address: 99 East "C" Street, Suite 111	City: Upland	State: CA	Zip Code: 91786 Telephone: (909) 949-7115

**3. Applicant Name** (As shown on the Permit/Approval being appealed). Complete if different from appellant.

Tom Story

<b>4. Project Information</b>	Date of Decision/Determination:	City Project Manager:
Permit/Environmental Determination & Permit/Document No.: 217602 (Florida Canyon Storm Drain and Slope Repair)	1/26/11	Helene Deisher

Decision (describe the permit/approval decision):  
The hearing officer approved the Site Development Permit under a CEQA exemption.

**5. Grounds for Appeal (Please check all that apply)**

<input checked="" type="checkbox"/> Factual Error (Process Three and Four decisions only)	<input checked="" type="checkbox"/> New Information (Process Three and Four decisions only)
<input checked="" type="checkbox"/> Conflict with other matters (Process Three and Four decisions only)	<input type="checkbox"/> City-wide Significance (Process Four decisions only)
<input checked="" type="checkbox"/> Findings Not Supported (Process Three and Four decisions only)	

**Description of Grounds for Appeal** (Please relate your description to the allowable reasons for appeal as more fully described in Chapter 11, Article 2, Division 5 of the San Diego Municipal Code. Attach additional sheets if necessary.)

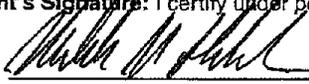
The hearing officer erred in approving the project without review under the California Environmental Quality Act. The project does not qualify for an exemption.

RECEIVED

JAN 31 2011

DEVELOPMENT SERVICES

**6. Appellant's Signature:** I certify under penalty of perjury that the foregoing, including all names and addresses, is true and correct.

Signature:  Date: 1/28/2011

**Note: Faxed appeals are not accepted. Appeal fees are non-refundable.**



THE CITY OF SAN DIEGO

**REPORT TO THE HEARING OFFICER**

HEARING DATE: January 26, 2011                      REPORT NO. HO 11-006

ATTENTION:                      Hearing Officer

SUBJECT:                      FLORIDA CANYON STORM DRAIN AND SLOPE REPAIR  
PTS PROJECT NUMBER: 217602

LOCATION:                      City Owned vacant land between Park Boulevard and Florida Drive

APPLICANT:                      City of San Diego, Engineering and Capital Projects Department

**SUMMARY**

Requested Action - Should the Hearing Officer approve a Site Development Permit for the emergency replacement of a storm drain and slope repair within Florida Canyon which has already been completed?

Staff Recommendation - Approve Site Development Permit No. 776223.

Community Planning Group Recommendation - Since the work for this project was done as an emergency and has been completed a vote from the Balboa Park Committee was not solicited.

Environmental Review - This project is not pending an appeal of the environmental determination. The project was previously exempt pursuant to Emergency California Environmental Quality Act (CEQA) Section 21080(b) (4); 15269. The exemption was prepared on March 13, 2009. The construction for the project is complete and revegetation has commenced.

**BACKGROUND**

In March 2009, as a result of heavy rains, a broken section of the storm drain within Florida Canyon caused significant damage to the slope between Park Boulevard and Florida Drive across from the San Diego Zoo parking lot (Attachment 1). The resulting soil erosion, from the broken storm drain, exposed and undermined an existing 36 inch water transmission line. The exposed water transmission line became threatened with the potential of rupturing, which could have caused the failure of the remainder of the slope, potentially undermining Park Boulevard and loss of water pressure to the surrounding communities (Attachment 8).

The project area was declared an emergency by the City Engineer. Environmental staff issued a Determination of Emergency Environmental Exemption (Attachment 6). Prior to construction, a meeting was held with the City's engineering team, resource agencies and the park rangers for the area. Authorization under Regional Permit No. 63 was obtained from the U.S. Army Corps of Engineers and the Regional Water Quality Control Board. Authorization 1601 was also obtained from the California Department of Fish & Game for minor work within their jurisdictional areas to restore the slope and construct a new outfall structure at Florida Creek also known as Powerhouse Creek (Attachment 3).

## DISCUSSION

The project is an "after-the-fact" Site Development Permit for emergency repair work to the storm drain and subsequent restoration work which has been completed. The work occurred within the Multi-Habitat Planning Area (MHPA) between Park Boulevard and Florida Street immediately east of the San Diego Zoo parking lot. The approximately 0.48 acre vacant site is located within the Balboa Park Master Plan (Subarea referenced as the "Zoo Parking and Florida Canyon") area, the East Mesa Precise Plan and is un-zoned. Because the project is within the MHPA and because of the presence of Florida Creek on the site, the project is subject to the regulations for a Site Development Permit for impacts to Environmentally Sensitive Lands (ESL) Land Development Code Section 143.0141 and the Biology Guidelines in the Land Development Manual.

The Army Corps of Engineers determined the project complied with the terms and conditions of Regional General Permit (RGP) No.63 (RGP-63 *Emergency Authorizations*) and authorized the repairs. The Corps also required non-discretionary "Special Conditions" which included limited impacts to the repair site and required the remediation of the work area (Attachment 10).

After receiving authorization from the resource agencies, a design consultant and a contractor were retained to design and repair the storm drain and replace the outfall structure at the bottom of the slope with a new energy dissipation box (Attachment 9). Once the storm drain was repaired the eroded portion of the slope was backfilled and re-stabilized. The soil surface was restored to its natural condition and re-vegetated with container stock plants, as well as, a hydro-seed mix of Coastal Sage Scrub species compatible with the surrounding vegetation. Biological monitoring was performed prior to and during construction, and monitoring for archaeological resources was also conducted during all excavation activities. Since the projects scope of work incorporated the recommendations from the agencies (Army Corps of Engineers and the Regional Water Quality Control Board) there was no mitigation required under CEQA.

## CONCLUSION

Staff has reviewed the construction plans and the subsequent work required to repair the storm drain, repair the slope and the remediation of the site to its original condition. The work has been completed to the satisfaction of each review discipline. Additionally, the resource agencies will continue to receive reports and monitor the progress of the site remediation as it relates to the habitat restoration.

The work, which has been preformed, is consistent with the Balboa Park Master Plan (Subarea referenced as the "Zoo Parking and Florida Canyon") area, the East Mesa Precise Plan, and the Land Development Code Regulations related to Environmentally Sensitive Lands specifically the requirement of obtaining a Site Development Permit. Therefore staff has provided draft findings which support the Site Development Permit and recommends approval of the project.

ALTERNATIVE

1. Approve Site Development Permit No. 776223, with modifications.
2. Deny Site Development Permit No. 776223, if the findings required to approve the project cannot be affirmed.

Respectfully submitted,



Helene Deisher, Development Project Manager

Attachments:

1. Aerial Photograph
2. Community Plan Land Use Map
3. Project Location Map
4. Draft Permit Resolution with Findings
5. Draft Permit with Conditions
6. Environmental Exemption
7. Project Plans (Hearing Officer only)
8. Site Photos (before work)
9. Site Photos (after work)
10. Resource Agency Letter and Conditions