

Planning Department

Environment & Public Spaces Division

**ADDENDUM TO AN
ENVIRONMENTAL IMPACT REPORT**

**Project No. 671911
Addendum to EIR No. 616992
SCH No. 2017071022**

SUBJECT: GUY STREET STORM DRAIN IMPROVEMENTS

I. PROJECT DESCRIPTION:

This Addendum describes the potential impacts and activities related to the proposed storm drain improvements project (hereafter referred to as the Project) on a City of San Diego (City)-owned paper street¹ adjacent to 1769 Guy Street between Keating Street and Pringle Street (Improvement Area). See Figure 1, Location Map. Currently, there is no existing storm drain infrastructure at this location preventing storm water from travelling downhill along the steep unimproved street at an uncontrolled velocity. As such, the Project proposes to install a storm drain system along Guy Street to convey water safely downhill and reduce erosion on the street. Photos of the Project site are included below in Figures 2a through 2c.

Installation of the storm drain infrastructure would include construction of a 21-foot long type B-1 storm drain inlet with associated storm drain cleanouts, guard post and barricade, retaining walls, paving, and approximately 14 cubic yards of grading of an existing slope. Further, the Project would include improvements to existing curbs and gutters within the Improvement Area. Following installation of the storm drain system, exposed soil would be stabilized with jute netting in conjunction with hydroseed consisting of a variety of commercially available low-profile native plant species commonly used for erosion control.

Prior to the beginning of on-site construction activities, construction best management practices (BMPs) would be installed to prevent any non-stormwater discharges from leaving the site. Once BMP's are installed and prior to installation of the storm drain infrastructure, the Project would demolish a wooden guard post street barrier (approximately 25 feet in length), an existing keystone retaining wall and footings (depth of excavation is approximately 15 feet), and approximately 1,156 square feet of asphalt. An area of approximately 870 square feet of existing trees, ornamental vegetation, hedges, and wooden retaining walls would be removed from the face of the slope. This work would require the use of a skid-steer, chainsaw, loader, dump truck, excavator, gradall, vactor, sweeper, backhoe, bobcat, cement truck, concrete pump, concrete cutter, asphalt grinder, tamper compactor, and hand tools. All construction-related materials and debris would be removed from the site prior to demobilization. This includes any construction BMPs that are not biodegradable.

¹ A paper street is a street shown on plans that has not been built.

Access to the Improvement Area at Guy Street will occur between Keating Street and Pringle Street and from the Project staging areas located on Pringle Street, Keating Street, and at the northeastern end of Keating Street. The proposed work will be completed by a City of San Diego crew of 14 people. Work will take place between 7:00 a.m. and 5:00 p.m. and will take approximately 210 days to complete. Construction plans/drawings of the work to be performed are included in Attachment 3.

II. ENVIRONMENTAL SETTING:

The Project is located on a City-owned paper street adjacent to 1769 Guy Street, San Diego, CA 92110 between Keating Street and Pringle Street. The Project is in the City's Uptown Community Plan Area in Council District 3.

For a description of the Municipal Waterways Maintenance Plan (MWMP) project areas, refer to Final Program Environmental Impact Report (PEIR) Project Number 616992/SCH No. 2017071022.

III. PROJECT BACKGROUND:

The City's MWMP describes the process for planning and performing maintenance activities within the City's storm drain system, as the storm drain system requires periodic maintenance to remove accumulated sediment, vegetation, and trash that impedes water flow and increases flood risk. The MWMP Final PEIR was adopted on June 9, 2020. The MWMP Final PEIR provides a program-level analysis and a process to handle and address stormwater assets or facilities not analyzed at a project level in the MWMP Final PEIR (i.e., not included in Appendix A of the MWMP). Programmatic activities include the following:

- Minor maintenance or repair activities;
- Changed conditions for new or substantially amended Facility Maintenance Plans (FMPs);
- Compensatory mitigation sites; and
- Emergency maintenance or repair.

Minor maintenance or repair activities are defined as potentially occurring "throughout the City but would not affect environmentally sensitive lands (ESL) as defined by the City's Land Development Code and as regulated by the City, or result in a regulated impact to resources under the jurisdiction of US Army Corps of Engineers, California Department of Fish and Wildlife, San Diego Regional Water Quality Control Board, or California Coastal Commission. These activities may include maintenance of facilities such as stormwater pipes, inlet/outlet structures, ditches, channels, brow ditches, basins, and permanent BMPs." These minor maintenance activities include pipe replacement, such as the proposed Project described above.

Analysis for the proposed Project has been conducted in accordance with the MWMP Final PEIR - Approach to Analysis of Programmatic Activities (Chapter 5 - Subsection 5.0.5). Specifically, the Program-Level Analysis (Other MWMP Activities) section in each impact analysis section of the MWMP Final PEIR requires review of subsequent projects to determine if the minor maintenance activities have the potential to result in impacts requiring implementation of applicable mitigation measures or environmental protocols to assure that impacts are avoided, minimized, or reduced to

below a level of significance.

In accordance with the MWMP Final PEIR Section 5.3.7 (Program Level Analysis – Other MWMP Activities), quantification of program-level impacts resulting from maintenance activities will require the evaluation of site-specific factors, which will be conducted as part of the Substantial Conformance Review (SCR) process. A biological field survey was conducted on December 5, 2019 to determine the presence of sensitive biological resources and potential impacts that could occur from implementation of the Project (see Attachment 4). The biological field survey confirmed that the Project would not affect ESL, require regulatory permits for jurisdictional impacts, or impact coastal resources. Because the Project will not result in any biological resources impacts, implementation of biological resources-related mitigation measures identified in the Final PEIR would not be required.

The MWMP Final PEIR (March 2020) can be found on the City's California Environmental Quality Act (CEQA) webpage under the "Final Environmental Documents" tab:
<https://www.sandiego.gov/ceqa/final>.

IV. ENVIRONMENTAL DETERMINATION:

The City previously prepared and certified the MWMP Final PEIR (Project No. 616992/SCH No. 2017071022) per Resolution No. R-613080 on June 9, 2020. Based on all available information in light of the entire record, the analysis in this Addendum, and pursuant to CEQA Guidelines Sections 15162 and 15164 the following has been determined:

- There are no new significant environmental impacts not considered in the previous EIR;
- No substantial changes have occurred with respect to the circumstances under which the Project is undertaken; and
- There is no new information of substantial importance to the Project.

Based on a review of the current project, none of the situations described in CEQA Guidelines Sections 15162 and 15164 apply. No changes in circumstances have occurred, and no new information of substantial importance has manifested, which would result in new significant or substantially increased adverse impacts as a result of the project. Therefore, in accordance with CEQA Guidelines Section 15164, this Addendum has been prepared and the MWMP Final PEIR has been incorporated by reference pursuant to CEQA Guidelines Section 15150. No public review of this Addendum is required.

V. IMPACT ANALYSIS AND MITIGATION, MONITORING AND REPORTING PROGRAM INCORPORATED INTO THE PROJECT:

This section provides a brief synopsis of the results of the environmental analysis. By necessity, this summary does not contain the extensive background and analysis found in the individual sections of this Addendum. Therefore, the reader should review the entire document to fully understand the Addendum and its potential environmental consequences.

The MWMP Final PEIR included a Mitigation Monitoring and Reporting Program (MMRP) which was designed to ensure compliance with Public Resources Code Section 21081.6 during implementation

of mitigation measures. This MMRP identifies, at a minimum, the department responsible for the monitoring, what is to be monitored, how the monitoring shall be accomplished, the monitoring and reporting schedule, and completion requirements. A record of the MMRP can be found at the offices of the Planning Department, 9485 Aero Drive, MS 413, San Diego, CA 92123. All mitigation measures contained in the Final PEIR SCH No. 2017071022; Project Number 616992 shall be made conditions of future development within the Project area, as further described below.

I. Air Quality

Cumulative Increase of Criteria Pollutants

a. Impacts

Implementation of the Project and construction associated with the Project could contribute to a cumulatively considerable net increase of criteria pollutants for which the region is in non-attainment under an applicable federal or state ambient air quality standard because program-level maintenance activities would take place at multiple locations concurrently. Air pollutant emissions would vary day-to-day as a result of how many maintenance activities are occurring at once. The maximum daily air pollutant emissions would exceed the City's oxides of nitrogen (NO_x) threshold if four or more activities were occurring concurrently. The combined emissions of 10 concurrent maintenance activities (project- or program-level), which represent the maximum daily construction scenario, would exceed the San Diego Air Pollution Control District's (SDAPCD's) significance threshold for NO_x prior to implementation of mitigation.

As described in Table ES-1, Impacts and Proposed Environmental Protocols and Mitigation, page 1-12, of the FEIR, program-level activities such as the proposed Project would have a potential cumulative impact on air quality. The proposed Project would take place between 7:00 a.m. and 5:00 p.m. and would take approximately 210 days to complete. Page 5.2-21 of the Final PEIR states that based on the City's Transportation & Stormwater (TSW) Department's fleet and personnel capacity, a maximum of 10 maintenance activities could occur concurrently and a maximum of 43 maintenance activities could occur in a calendar year. The Project and its estimated 210-day completion timeline would be considered one maintenance activity, and the 210 days of construction would release emissions already anticipated by the FEIR.

b. Mitigation Framework

The Final PEIR identified Mitigation Measure (MM) AQ-1 as appropriate mitigation that would reduce potentially significant impacts.

MM-AQ-1 Tier 4 Interim Construction Equipment. Prior to the commencement of any four or more concurrent construction activities, the City of San Diego Transportation & Stormwater Department (TSW) or its designee shall sum the estimated corresponding maximum daily construction nitrogen oxide (NO_x) emissions from Table 5.2-6, Estimated Maximum Daily Construction Emissions By Representative Project (Unmitigated), to determine if the combined emissions exceed the San Diego Air Pollution Control District (SDAPCD) construction threshold of 250 pounds per day for NO_x. If the combined NO_x emissions exceed the SDAPCD threshold, TSW or its designee shall provide evidence that, for off-road equipment with engines rated at 75 horsepower or greater, no equipment shall be used that is less than Tier 4

Interim. An exemption from these requirements may be granted if TSW documents that equipment with the required tier is not reasonably available and corresponding reductions in criteria air pollutant emissions are achieved from other construction equipment. Before an exemption may be considered by the Environmental Designee/Mitigation Monitoring Coordination, TSW shall be required to demonstrate that three construction fleet owners/operators in the San Diego region were contacted and that those owners/operators confirmed Tier 4 Interim equipment could not be located within the San Diego region. If Tier 4 Interim equipment is not reasonably available, then all diesel-powered equipment, equal to or greater than 75 horsepower, shall have at least California Air Resources Board-certified Tier 3 engines with the most effective Verified Diesel Emission Control Strategies available for the engine type, such as Level 3 Diesel Particulate Filters (Tier 4 engines automatically meet this requirement), which provides an equivalent reduction.

c. Significance after Mitigation

Consistent with the analysis in the MWMP Final PEIR, implementation of MM-AQ-1 would reduce NO_x emissions associated with the Project to a level below the SDAPCD significance threshold. Thus, impacts associated with a cumulative increase of criteria pollutants would be less than significant after mitigation and similar to the MWMP Final PEIR.

II. Historical, Archaeological, and Tribal Cultural Resources

Potential Impacts to Undiscovered Cultural Resources and/or Human Remains

a. Impacts

As described in Table ES-1, Impacts and Proposed Environmental Protocols and Mitigation, page 1-27, of the Final PEIR, program-level activities such as the proposed Project would have a potential impact on previously undiscovered cultural resources. Although a Grading Permit would not be needed, the Project activities require demolition of existing infrastructure including a guard barrier, retaining wall, and asphalt, in addition to installation of storm drain infrastructure, jute netting and hydroseed for erosion control, and grading of an existing slope. To fulfill these actions, excavation up to a depth of approximately 15 feet would be required within the Improvement Area. The Archaeological Resources Report (ESA, December 2020) was prepared for the Project in accordance with Final PEIR Mitigation Measure MM-CR-4: Evaluation of Program-Level Activities which requires evaluation by a qualified archaeologist to determine (a) the presence (or lack thereof) of archaeological and/or historical resources located within the APE; (b) whether identified resources have been previously evaluated and (c) whether a site visit is necessary to determine the cultural sensitivity of the resource (see Attachment 5). The Archaeological Resources Report (ESA, December 2020) prepared for the project satisfies the above requirements and determined that the potential exists for archaeological resources to be encountered during construction-related activities, with the greatest potential for resources being within or at the base of any artificial fill around the retaining wall at Guy Street. Therefore, ground-disturbing maintenance activities would have the potential to impact undiscovered cultural resources and/or human remains (archaeological and tribal cultural resources), and as such, would be potentially significant, absent mitigation.

b. Mitigation Framework

The following mitigation measure would be implemented to address the potential impacts.

MM-CR-3 Construction Monitoring. The following monitoring program shall be implemented to protect unknown archaeological or tribal cultural resources that may be encountered during construction and/or maintenance-related activities.

- I. Prior to Permit Issuance or Bid Opening/Bid Award for Activities Marked as Requiring Further Review in Table 5.6-4, Archaeological Review Matrix (see Final PEIR, page 5.6-41), and as Determined Necessary by a Qualified Archaeologist's Review of the Proposed Maintenance Activity.
 - A. Entitlements Plan Check.
 1. Prior to permit issuance or Bid Opening/Bid Award, whichever is applicable, the Environmental Designee (ED) shall verify that the requirements for Archaeological Monitoring and Native American monitoring have been noted on the applicable construction documents through the plan check process.
 - B. Letters of Qualification have been submitted to ED.
 1. Prior to Bid Award, the City's Transportation & Stormwater Department (TSW) shall submit a letter of verification to Mitigation Monitoring Coordination (MMC) identifying the PI for the project and the names of all persons involved in the archaeological monitoring program, as defined in the City's HRG. If applicable, individuals involved in the archaeological monitoring program must have completed the 40-hour HAZWOPER training with certification documentation.
 2. MMC will provide a letter to TSW confirming the qualifications of the PI and all persons involved in the archaeological monitoring of the project meet the qualifications established in the HRG.
 3. Prior to the start of work, TSW must obtain written approval from MMC for any personnel changes associated with the monitoring program.
- II. Prior to Start of Construction
 - A. Verification of Records Search
 1. The PI shall provide verification to MMC that a site-specific records search (1/4 mile radius) has been completed. Verification includes, but is not limited to a copy of a confirmation letter from South Coastal Information Center, or, if the search was in-house, a letter of verification from the PI stating that the search was completed.

2. The letter shall introduce any pertinent information concerning expectations and probabilities of discovery during trenching and/or grading activities.
3. The PI may submit a detailed letter to MMC requesting a reduction to the ¼ mile radius.

B. PI Shall Attend Precon Meetings

1. Prior to beginning any work that requires monitoring; TSW shall arrange a Precon Meeting that shall include the PI, Native American consultant/monitor (where Native American resources may be impacted), MMC representative, Project Consultant(s), TSW, Construction Manager (CM) (if applicable), Resident Engineer (RE) (if applicable), and other parties of interest. The qualified Archaeologist and Native American Monitor shall attend any grading/excavation related Precon Meetings to make comments and/or suggestions concerning the Archaeological Monitoring program with the Construction Manager and/or Grading Contractor.
 - a. If the PI is unable to attend the Precon Meeting, TSW shall schedule a focused Precon Meeting with MMC, the PI, RE, or CM, if appropriate, prior to the start of any work that requires monitoring.
2. Acknowledgement of Responsibility for Curation (Capital Improvement Program or Other Public Projects).

TSW shall submit a letter to MMC acknowledging their responsibility for the cost of curation associated with all phases of the archaeological monitoring program.

3. Identify Areas to be Monitored
 - a. Prior to the start of any work that requires monitoring, the PI shall submit an Archaeological Monitoring Exhibit (AME) (with verification that the AME has been reviewed and approved by the Native American consultant/monitor when Native American resources may be impacted) based on the appropriate construction documents (reduced to 11x17) to MMC identifying the areas to be monitored including the delineation of grading/excavation limits.
 - b. The AME shall be based on the results of a site specific records search as well as information regarding the age of existing pipelines, laterals and associated appurtenances and/or any known soil conditions (native or formation).

- c. MMC shall notify the PI that the AME has been approved.
- 4. When Monitoring Will Occur
 - a. Prior to the start of any work, the PI shall also submit a construction schedule to MMC through the RE indicating when and where monitoring will occur.
 - b. The PI may submit a detailed letter to MMC prior to the start of work or during construction requesting a modification to the monitoring program. This request shall be based on relevant information such as review of final construction documents which indicate conditions such as age of existing pipe to be replaced, depth of excavation and/or site graded to bedrock, etc., which may reduce or increase the potential for resources to be present.
- 5. Approval of AME and Construction Schedule

After approval of the AME by MMC, the PI shall submit to MMC written authorization of the AME and Construction Schedule from the CM

III. During Construction

- A. Monitor Shall be Present During Grading/Excavation/Trenching
 - 1. The Archaeological Monitor shall be present full-time during all soil disturbing and grading/excavation/trenching activities which could result in impacts to archaeological resources as identified on the AME. **The Construction Manager is responsible for notifying the RE, PI, and MMC of changes to any construction activities such as in the case of a potential safety concern within the area being monitored. In certain circumstances OSHA safety requirements may necessitate modification of the AME.**
 - 2. The Native American consultant/monitor shall determine the extent of their presence during soil disturbing and grading/excavation/trenching activities based on the AME and provide that information to the PI and MMC. If prehistoric resources are encountered during the Native American consultant/monitor's absence, work shall stop and the Discovery Notification Process detailed in Section III.B-C and IV.A-D shall commence.
 - 3. The PI may submit a detailed letter to MMC during construction requesting a modification to the monitoring program when a field condition such as modern disturbance post-dating the previous grading/trenching activities, presence of fossil formations, or when

native soils are encountered that may reduce or increase the potential for resources to be present.

4. The archaeological and Native American consultant/monitor shall document field activity via the Consultant Site Visit Record (CSV). The CSV's shall be emailed by the CM to the RE the first day of monitoring, the last day of monitoring, monthly (**Notification of Monitoring Completion**), and in the case of ANY discoveries. The RE shall forward copies to MMC.

B. Discovery Notification Process

1. In the event of a discovery, the Archaeological Monitor shall direct the contractor to temporarily divert all soil disturbing activities, including but not limited to digging, trenching, excavating or grading activities in the area of discovery and in the area reasonably suspected to overlay adjacent resources and immediately notify the RE, as appropriate.
2. The Monitor shall immediately notify the PI (unless Monitor is the PI) of the discovery.
3. The PI shall immediately notify MMC by phone of the discovery, and shall also submit written documentation to MMC within 24 hours by email with photos of the resource in context, if possible.
4. No soil shall be exported off-site until a determination can be made regarding the significance of the resource specifically if Native American resources are encountered.

C. Determination of Significance

1. The PI and Native American consultant/monitor, where Native American resources are discovered shall evaluate the significance of the resource. If Human Remains are involved, follow protocol in Section IV below
 - a. The PI shall immediately notify MMC by phone to discuss significance determination and shall also submit a letter to MMC indicating whether additional mitigation is required.
 - b. If the resource is significant, the PI shall submit an Archaeological Data Recovery Program (ADRP) and obtain written approval of the program from MMC, CM, and RE. ADRP and any mitigation must be approved by MMC, RE, and/or CM before ground disturbing activities in the area of discovery will be allowed to resume. **Note: If a unique archaeological site is also an historical resource as defined in CEQA Section 15064.5, then**

the limits on the amount(s) that a project applicant may be required to pay to cover mitigation costs as indicated in CEQA Section 21083.2 shall not apply.

(1) Note: For pipeline trenching and other linear projects in the public Right-of-Way, the PI shall implement the Discovery Process for Pipeline Trenching projects identified below under "D."

c. If the resource is not significant, the PI shall submit a letter to MMC indicating that artifacts will be collected, curated, and documented in the Final Monitoring Report. The letter shall also indicate that that no further work is required.

(1) Note: For Pipeline Trenching and other linear projects in the public Right-of-Way, if the deposit is limited in size, both in length and depth; the information value is limited and is not associated with any other resource; and there are no unique features/artifacts associated with the deposit, the discovery should be considered not significant.

(2) Note, for Pipeline Trenching and other linear projects in the public Right-of-Way, if significance cannot be determined, the Final Monitoring Report and Site Record (DPR Form 523A/B) shall identify the discovery as Potentially Significant.

D. Discovery Process for Significant Resources – Pipeline Trenching and other Linear Projects in the Public Right-of-Way

The following procedure constitutes adequate mitigation of a significant discovery encountered during pipeline trenching activities or for other linear project types within the Public Right-of-Way including but not limited to excavation for jacking pits, receiving pits, laterals, and manholes to reduce impacts to below a level of significance:

1. Procedures for documentation, curation and reporting

a. One hundred percent of the artifacts within the trench alignment and width shall be documented in-situ, to include photographic records, plan view of the trench and profiles of side walls, recovered, photographed after cleaning and analyzed and curated. The remainder of the deposit within the limits of excavation (trench walls) shall be left intact.

b. The PI shall prepare a Draft Monitoring Report and submit to MMC via the RE as indicated in Section VI-A.

- c. The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) the resource(s) encountered during the Archaeological Monitoring Program in accordance with the City's HRG. The DPR forms shall be submitted to the South Coastal Information Center for either a Primary Record or SDI Number and included in the Final Monitoring Report.
- d. The Final Monitoring Report shall include a recommendation for monitoring of any future work in the vicinity of the resource.

IV. Discovery of Human Remains

If human remains are discovered, work shall halt in that area and no soil shall be exported off-site until a determination can be made regarding the provenance of the human remains; and the following procedures as set forth in CEQA Section 15064.5(e), the California Public Resources Code (Sec. 5097.98) and State Health and Safety Code (Sec. 7050.5) shall be undertaken.

A. Notification

- 1. Archaeological Monitor shall notify the RE, as appropriate, MMC, and the PI, if the Monitor is not qualified as a PI. MMC will notify the appropriate Senior Planner in the Environmental Analysis Section (EAS) of the Development Services Department to assist with the discovery notification process.
- 2. The PI shall notify the Medical Examiner after consultation with the RE, either in person or via telephone.

B. Isolate discovery site

- 1. Work shall be directed away from the location of the discovery and any nearby area reasonably suspected to overlay adjacent human remains until a determination can be made by the Medical Examiner in consultation with the PI concerning the provenience of the remains.
- 2. The Medical Examiner, in consultation with the PI, will determine the need for a field examination to determine the provenience.
- 3. If a field examination is not warranted, the Medical Examiner will determine with input from the PI, if the remains are or are most likely to be of Native American origin.

C. If Human Remains **ARE** determined to be Native American

- 1. The Medical Examiner will notify the Native American Heritage Commission (NAHC) within 24 hours. By law, **ONLY** the Medical Examiner can make this call.

2. NAHC will immediately identify the person or persons determined to be the Most Likely Descendent (MLD) and provide contact information.
3. The MLD will contact the PI within 24 hours or sooner after the Medical Examiner has completed coordination, to begin the consultation process in accordance with CEQA Section 15064.5(e), the California Public Resources and Health & Safety Codes.
4. The MLD will have 48 hours to make recommendations to the property owner or representative, for the treatment or disposition with proper dignity, of the human remains and associated grave goods.
5. Disposition of Native American Human Remains will be determined between the MLD and the PI, and, if:
 - a. The NAHC is unable to identify the MLD, OR the MLD failed to make a recommendation within 48 hours after being granted access to the site, OR
 - b. The landowner or authorized representative rejects the recommendation of the MLD and mediation in accordance with PRC 5097.94 (k) by the NAHC fails to provide measures acceptable to the landowner, the landowner shall reinter the human remains and items associated with Native American human remains with appropriate dignity on the property in a location not subject to further and future subsurface disturbance, THEN
 - c. To protect these sites, the landowner shall do one or more of the following:
 - (1) Record the site with the NAHC;
 - (2) Record an open space or conservation easement; or
 - (3) Record a document with the County. The document shall be titled "Notice of Reinterment of Native American Remains" and shall include a legal description of the property, the name of the property owner, and the owner's acknowledged signature, in addition to any other information required by PRC 5097.98. The document shall be indexed as a notice under the name of the owner.
 - d. Upon the discovery of multiple Native American human remains during a ground disturbing land development activity, the landowner may agree that additional conferral with descendants is necessary to consider culturally appropriate treatment of multiple Native

American human remains. Culturally appropriate treatment of such a discovery may be ascertained from review of the site utilizing cultural and archaeological standards. Where the parties are unable to agree on the appropriate treatment measures the human remains and items associated and buried with Native American human remains shall be reinterred with appropriate dignity, pursuant to Section 5.c., above.

D. If Human Remains are **NOT** Native American

1. The PI shall contact the Medical Examiner and notify them of the historic era context of the burial.
2. The Medical Examiner will determine the appropriate course of action with the PI and City staff (PRC 5097.98).
3. If the remains are of historic origin, they shall be appropriately removed and conveyed to the San Diego Museum of Man for analysis. The decision for internment of the human remains shall be made in consultation with MMC, EAS, TSW/landowner, any known descendant group, and the San Diego Museum of Man.

V. Night and/or Weekend Work

A. If night and/or weekend work is included in the contract

1. When night and/or weekend work is included in the contract package, the extent and timing shall be presented and discussed at the precon meeting.
2. The following procedures shall be followed.

a. No Discoveries

In the event that no discoveries were encountered during night and/or weekend work, the PI shall record the information on the CSV and submit to MMC via email by 8AM of the next business day.

b. Discoveries

All discoveries shall be processed and documented using the existing procedures detailed in Sections III - During Construction, and IV - Discovery of Human Remains. Discovery of human remains shall always be treated as a significant discovery.

c. Potentially Significant Discoveries

If the PI determines that a potentially significant discovery has been made, the procedures detailed under Section III - During Construction and IV-Discovery of Human Remains shall be followed.

- d. The PI shall immediately contact the RE and MMC, or by 8AM of the next business day to report and discuss the findings as indicated in Section III-B, unless other specific arrangements have been made.

B. If night and/or weekend work becomes necessary during the course of construction

1. The Construction Manager shall notify the RE, as appropriate, a minimum of 24 hours before the work is to begin.
2. The RE, as appropriate, shall notify MMC immediately.

C. All other procedures described above shall apply, as appropriate.

VI. Post Construction

A. Submittal of Draft Monitoring Report

1. The PI shall submit two copies of the Draft Monitoring Report (even if negative), prepared in accordance with the City's HRG (Appendix C/D) which describes the results, analysis, and conclusions of all phases of the Archaeological Monitoring Program (with appropriate graphics) to MMC via the RE for review and approval within 90 days following the completion of monitoring. **It should be noted that if the PI is unable to submit the Draft Monitoring Report within the allotted 90-day timeframe as a result of delays with analysis, special study results or other complex issues, a schedule shall be submitted to MMC establishing agreed due dates and the provision for submittal of monthly status reports until this measure can be met.**
 - a. For significant archaeological resources encountered during monitoring, the Archaeological Data Recovery Program or Pipeline Trenching Discovery Process shall be included in the Draft Monitoring Report.
 - b. Recording Sites with State of California Department of Parks and Recreation

The PI shall be responsible for recording (on the appropriate State of California Department of Park and Recreation forms-DPR 523 A/B) any significant or potentially significant resources encountered

during the Archaeological Monitoring Program in accordance with the City's HRG, and submittal of such forms to the South Coastal Information Center with the Final Monitoring Report.

2. MMC shall return the Draft Monitoring Report to the PI via the RE for revision or, for preparation of the Final Report.
3. The PI shall submit revised Draft Monitoring Report to MMC via the RE for approval.
4. MMC shall provide written verification to the PI of the approved report.
5. MMC shall notify the RE, as appropriate, of receipt of all Draft Monitoring Report submittals and approvals.

B. Handling of Artifacts

1. The PI shall be responsible for ensuring that all cultural remains collected are cleaned and catalogued.
2. The PI shall be responsible for ensuring that all artifacts are analyzed to identify function and chronology as they relate to the history of the area; that faunal material is identified as to species; and that specialty studies are completed, as appropriate.

C. Curation of artifacts: Accession Agreement and Acceptance Verification

1. The PI shall be responsible for ensuring that all artifacts associated with the survey, testing and/or data recovery for this project are permanently curated with an appropriate institution. This shall be completed in consultation with MMC and the Native American representative, as applicable.
2. When applicable to the situation, the PI shall include written verification from the Native American consultant/monitor indicating that Native American resources were treated in accordance with state law and/or applicable agreements. If the resources were reinterred, verification shall be provided to show what protective measures were taken to ensure no further disturbance occurs in accordance with Section IV – Discovery of Human Remains, Subsection C.
3. The PI shall submit the Accession Agreement and catalogue record(s) to the RE, as appropriate for donor signature with a copy submitted to MMC.
4. The RE, as appropriate shall obtain signature on the Accession Agreement and shall return to PI with copy submitted to MMC.

5. The PI shall include the Acceptance Verification from the curation institution in the Final Monitoring Report submitted to the RE and MMC.

D. Final Monitoring Report(s)

1. The PI shall submit one copy of the approved Final Monitoring Report to the RE as appropriate, and one copy to MMC (even if negative), within 90 days after notification from MMC of the approved report.
2. The RE shall, in no case, issue the Notice of Completion until receiving a copy of the approved Final Monitoring Report from MMC which includes the Acceptance Verification from the curation institution.

c. Significance after Mitigation

Consistent with the analysis in the MWMP Final PEIR, implementation of MM-CR-3 would reduce potential impacts to undiscovered cultural resources and/or human remains to a less than significant level.

III. Noise

Temporary Construction Noise

a. Impacts

The Project includes the installation of a storm drain maintenance system, as detailed in Section I, Project Description. Construction activities related to implementation of the Project and associated discretionary actions would potentially generate short-term noise levels in excess of 75 A-weighted decibels (dBA) average sound level (L_{eq}) at adjacent properties. While the City regulates noise associated with construction equipment and activities through enforcement of noise ordinance standards (e.g., days of the week and hours of operation) and imposition of conditions of approval for building or grading permits, there is a procedure in place that allows for a permit to deviate from the noise ordinance. Work for the Project would occur between 7:00 a.m. and 5:00 p.m. and would last approximately 210 days. However, due to the highly developed nature of the Project area, with sensitive receivers located in proximity to construction sites, there is a potential for construction activities associated with the project to expose existing sensitive land uses to significant noise levels.

For instances in which noise-sensitive receivers are located closer than 100 feet from construction activities, temporary significant noise impacts could result. Therefore, noise impacts resulting from the proposed maintenance activities would be potentially significant, prior to mitigation.

Page 5.9-27 of the MWMP Final PEIR states that at a distance of approximately 50 feet, the typical closest distance to the nearest residences, the vibration levels from heavy construction machinery (such as a large bulldozer that could be used) would be 0.031 inches per second, or 0.074 inches per second. These vibration levels would fall below the threshold of perception (0.10 inches per second) or the damage threshold for fragile structures (0.20 inches per second). Any potential vibration impacts that could occur during construction of the Project could be avoided by scheduling construction activities with the highest potential to produce perceptible vibration to hours with the

least potential to affect nearby sensitive land uses. Furthermore, the Project does not require pile driving, which has the potential to exceed the damage threshold of 0.20 inches per second when occurring within 95 feet of existing structures. Thus, impacts associated with vibration would be less than significant.

b. Mitigation Framework

To mitigate impacts related to construction noise, the following mitigation measure would be implemented.

MM-NOI-1 Noise Reduction Techniques. Prior to the Notice to Proceed, Mitigation Monitoring Coordination (MMC) shall verify that projects (i.e., maintenance and repair activities) located within 100 feet of noise-sensitive receivers include noise-reduction measures to ensure activities do not exceed and comply with City of San Diego (City) Noise Standards (San Diego Municipal Code Section 59.5.0401, Sound Level Limits, and Section 59.5.0404, Construction Noise), as follows:

- I. The City Transportation & Stormwater Department (TSW) crew or maintenance/construction contractor shall be required to work in such a manner so as not to exceed a 12-hour average sound level of 75 dBA between 7:00 a.m. and 7:00 p.m. Monday through Saturday.
- II. Noise reduction measure(s) shall include implementation of any one or more of the following noise-reducing measures.
 - A. Limit the number of equipment operating at once.
 - B. Install temporary plywood noise barriers 8 feet in height between the maintenance site and sensitive receptors.
 - C. Construction equipment shall be properly outfitted with sound control devices and maintained with manufacturer recommended noise-reduction devices to minimize construction-generated noise. "Properly outfitted" implies that the device (e.g., silencer, muffler) is effective in that it is the correct size and type for the specific equipment, it is in good working order, and is installed in such a way that it reduces the noise in the way it was intended;
 - D. Stationary noise sources such as generators or pumps shall be located at least 100 feet from noise-sensitive land uses as feasible;
 - E. Laydown and maintenance/construction vehicle staging areas shall be located as far from noise sensitive land uses as feasible; and/or
 - F. As recommended by a qualified acoustician, implement any other alternative noise reducing best available technologies, methods or practices as approved by the MMC.

- III. During maintenance or repair activities, noise monitoring can be conducted at any time to ensure that the work is in compliance with the City's construction noise standard of 75 dBA L_{eq} (12-hour). If activities are found to be in exceedance of this standard, alternative methods (e.g., such as the use of quieter equipment, fewer pieces of equipment operating at any one time) shall be implemented and verified by MMC to meet City noise standards.
- IV. Prior to the issuance of the Notice to Proceed or if work is stopped during maintenance or repair activities by the MMC, TSW shall obtain a permit or similar authorization from the Noise Abatement and Control Administrator if maintenance and repair activities does not comply with San Diego Municipal Code Section 59.5.0404 – Construction Noise.
- V. If authorized emergency work is necessary and will likely occur or exceed these noise limitations, TSW shall notify the Noise Abatement and Control Administrator within 48 hours after commencement of work.

Effectiveness of this mitigation measure would vary from several decibels (which in general is a relatively small change) to 10 or more decibels (which subjectively would be perceived as a substantial change), depending on the specific equipment and the original condition of that equipment, the specific locations of the noise sources and the receivers, and other variables. Installation of a noise barrier, for example, would vary in effectiveness depending on the degree to which the line-of-sight between the source and receiver is broken, and typically ranges from 5 to 10 dB. Installation of more effective silencers could affect noise levels from several decibels to well over 10 dB. Reduction of idling equipment could reduce overall noise levels from barely any reduction to several decibels. Cumulatively, however, these measures would result in substantial decreases in the noise from maintenance activities.

c. Significance after Mitigation

Consistent with the analysis in the MWMP Final PEIR, implementation of MM-NOI-1 would reduce impacts associated with temporary construction noise to a less than significant level. Impacts associated with vibration would be less than significant and similar to the MWMP Final PEIR and no mitigation measures are required.

IV. Solid Waste

Impacts regarding Solid Waste Diversion Rate

a. Impacts

As described in Section I, Project Description, the Project's construction activities require demolition of existing infrastructure including a guard barrier, retaining wall, and asphalt, as well as the removal of ornamental landscaping, in addition to installation of storm drain infrastructure, jute netting and hydroseed for erosion control, and grading of an existing slope. Construction of the Project would produce solid waste due to the removal of the guard barrier, retaining wall, and asphalt and the removal of accumulated trash, debris, and sediment in and around the existing site. As stated in Section 2.4, Environmental Protocols, of the MWMP, Environmental Protocols (EPs) were identified

as part of the MWMP to specifically avoid, minimize, and/or reduce potential environmental impacts, including impacts associated with solid waste. These EPs can be found in their entirety in Appendix C of the MWMP. Implementation of the applicable EPs would ensure that a portion of the solid waste generated during the Project would be diverted from going to a landfill. However, due to the nature of the solid waste, recycling and reusing the materials is not always appropriate or feasible, and the amount that would be diverted from disposal is unknown. Given that the Project may not substantially change the amount of solid waste currently handled and transferred to the Miramar Landfill, and that TSW has a current diversion rate far below the required amount of 50%, it is anticipated that the Project may not comply with the 50% waste diversion goal set by the TSW Waste Diversion Plan. Impacts from the Project may be potentially significant.

b. Mitigation Framework

No feasible mitigation measures exist to decrease the amount of solid waste that would be sent to a landfill as a result of the Project, such that the Project would be positively contributing to help meet TSW's Waste Diversion Plan goal of 50% diversion. Although the Project could result in significant impacts related to solid waste, these impacts are consistent with the solid waste analysis in the MWMP Final PEIR.

c. Significance after Mitigation

As stated above, it is unknown how much solid waste associated with the Project could be diverted from a landfill. Thus, it is unknown if implementation of the Waste Management Plan prepared for the MWMP in addition to the applicable EPs identified in Appendix C of the MWMP would reduce this potentially significant impact by increasing the amount of waste diverted by enough to comply with state and local plans and regulations. Impacts associated with solid waste would remain significant and unavoidable and similar to the MWMP Final PEIR.

VI. SIGNIFICANT UNMITIGATED IMPACTS:

There are no new significant impacts identified for the Project. However, the Final PEIR for the MWMP identified significant impacts relating to air quality and odor, biological resources, historical/archaeological/tribal cultural resources, land use, noise, solid waste, and water quality. Specifically, significant and unavoidable impacts were identified in the Final PEIR for biological resources, solid waste, and water quality. Potentially significant impacts (prior to mitigation) were identified in the Final PEIR for air quality and odor, historical/archaeological/tribal cultural resources, land use, and noise. Because there were significant unmitigated impacts associated with the MWMP, approval of the MWMP required the decision maker to make specific and substantiated CEQA Findings, which stated that (a) specific economic, social, or other considerations make infeasible the mitigation measures or project alternatives identified in the Final PEIR, and (b) these impacts have been found acceptable because of specific overriding considerations. No new CEQA Findings are required for this Project.

VII. CERTIFICATION

Copies of the Addendum, the Final PEIR, the MMRP, and any technical appendices are located on the City's CEQA webpage at <https://www.sandiego.gov/ceqa/final>.

A handwritten signature in blue ink, reading "Myra Herrmann".

Myra Herrmann, Senior Planner
Planning Department

June 29, 2021
Date of Final Report

Analyst: M. Herrmann/E. Pascual

- Attachments:
1. Location Map (Figure 1)
 2. Site Photographs (Figures 2a- 2c)
 3. Construction Plan
 4. Biological Resources Memo
 5. Archaeological Resources Memo

[illegible]

Figure 2a: Guy Street Improvement Project Site Photos



Photo 1. View facing southeast towards street barricade at upper portion of paper street; ornamental plantings (date palm and peppertree) at top of terraced landscaping.
(Photo Coordinates: 32.745547, -117.181314)



Photo 2. View facing northwest at Guy Street from street barricade at upper portion of paper street. (Photo Coordinates: 32.745562, -117.181306)

Figure 2b: Guy Street Improvement Project Site Photos



Photo 3. View facing west towards terraced landscaping at lower portion of paper street from corner of adjacent residence at 1772 Guy Street. (Photo Coordinates: 32.745513, -117.181034)



Photo 4. View facing southeast towards Keating Street from lower portion of paper street. (Photo Coordinates: 32.745415, -117.181079)

Figure 2c: Guy Street Improvement Project Site Photos



Photo 5. View facing north at Staging Area proposed at northeastern end of Keating Street; paved area currently used by adjacent residences for parking adjacent to non-native grassland.
(Photo Coordinates: 32.747207, -117.178978)



Photo 6. View facing southwest from Staging Area proposed at northeastern end of Keating Street.
(Photo Coordinates: 32.747177, -117.178993)

GUY STREET STORM DRAIN

Attachment 4

CONTRACTOR'S RESPONSIBILITIES

PURSUANT TO SECTION 4216 OF THE GOVERNMENT CODE, AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION, YOU MUST CONTACT THE REGIONAL NOTIFICATION CENTER (E.G. UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA) AND OBTAIN AN INQUIRY IDENTIFICATION NUMBER.

NOTIFY SDG&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SDG&E UNDERGROUND HIGH VOLTAGE TRANSMISSION POWER LINES. (I.E., 69 KV & HIGHER)

LOCATE AND RECONNECT ALL SEWER LATERALS. LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. LATERAL RECORDS ARE AVAILABLE TO THE CONTRACTOR AT THE WATER DEPARTMENT, 2797 CAMINITO CHOLLAS. LOCATE THE IMPROVEMENTS THAT WILL BE AFFECTED BY LATERAL REPLACEMENTS.

EXCAVATE AROUND WATER METER BOX (CITY PROPERTY SIDE) TO DETERMINE IN ADVANCE, THE SIZE OF EACH SERVICE BEFORE TAPPING MAIN.

CITY FORCES, WHEN SPECIFIED OR SHOWN ON THE PLANS, WILL MAKE PERMANENT CUTS & PLUGS AND CONNECTIONS.

KEEP EXISTING MAINS IN SERVICE IN LIEU OF HIGH-LINING, UNLESS OTHERWISE SPECIFIED SHOWN ON PLANS.

THE LOCATIONS OF EXISTING BUILDINGS AS SHOWN ON THE PLAN ARE APPROXIMATE.

STORM DRAIN INLETS SHALL REMAIN FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.

UNLESS OTHERWISE NOTED AS PREVIOUSLY POTHOLED (PH), ELEVATIONS SHOWN ON THE PROFILE FOR EXISTING UTILITIES ARE BASED ON A SEARCH OF THE AVAILABLE RECORD INFORMATION ONLY AND ARE SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THE CITY DOES NOT GUARANTEE THAT IT HAS REVIEWED ALL AVAILABLE DATA. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES EITHER SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ACCORDANCE WITH THE SPECIFICATIONS SECTION 5-UTILITIES.

EXISTING UTILITY CROSSING AS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE NOT REPRESENTATIVE OF ACTUAL LENGTH AND LOCATION OF CONFLICT AREAS. SEE PLAN VIEW.

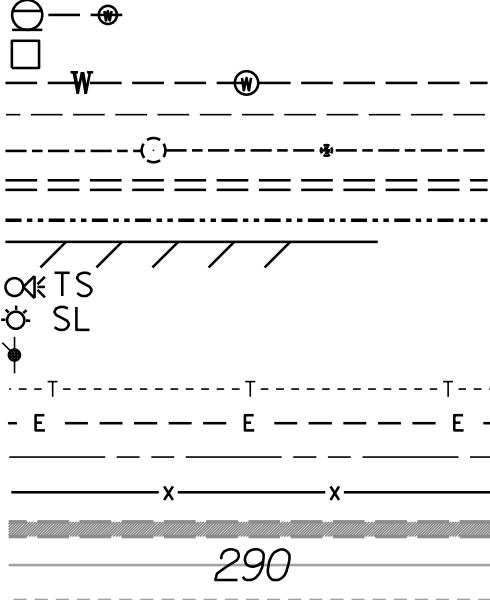
ALL ADVANCE METERING INFRASTRUCTURE (AMI) DEVICES ATTACHED TO THE WATER METER OR LOCATED IN OR NEAR WATER METER BOXES, COFFINS, OR VAULTS SHALL BE PROTECTED AT ALL TIMES IN ACCORDANCE WITH THE CONTRACT DOCUMENT.

ABBREVIATIONS

ABS	ACRYLONITRILE BUTADIENE STYRENE	IE	INVERT ELEVATION	TW	TOP OF WALL
AC	ASPHALT CONCRETE	LF	LINEAR FEET	TYP	TYPICAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	LT	LEFT	W/	WITH
BRG	BEARING	L	LENGTH	VC	VITRIFIED CLAY
BWFS	BACK OF WALL FINISHED SURFACE	MAX	MAXIMUM	VERT.	VERTICAL
C.O.	CLEANOUT	MIN	MINIMUM	WTR	WATER
CFS	CUBIC FOOT PER SECOND	N/A	NOT AVAILABLE		
C	CENTER LINE	NO.	NUMBER		
COND	CONDUIT	O.C.	ON-CENTER		
CMP	CORRUGATED METAL PIPE	PVC	POLYVINYL CHLORIDE		
DWG	DRAWING	PROP	PROPOSED		
EL, ELEV	ELEVATION	R	RADIUS		
ELEC	ELECTRIC	RCP	REINFORCED CONCRETE PIPE		
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	RT	RIGHT		
EX	EXISTING	R/W	RIGHT-OF-WAY		
FG	FINISH GRADE	SD	STORM DRAIN		
FL	FLOWLINE	SDRSD	SAN DIEGO REGIONAL STANDARD DRAWING		
FPS	FEET PER SECOND	ST	STREET		
FWFS	FRONT OF WALL FINISHED SURFACE	S/W	SIDEWALK		
GAL	GALLON	TW	TOP OF WALL		
HORIZ.	HORIZONTAL	STA	STATION		
GI	GREEN INFRASTRUCTURE	SWR	SEWER		
		TEL	TELEPHONE		

EXISTING STRUCTURES

- EX FIRE HYDRANT
- EX WATER METER
- EX WATER MAIN & VALVES
- EX EASEMENT
- EX SEWER MAIN & MANHOLES
- EX STORM DRAINS
- EX CENTERLINE
- EX PAVEMENT (PROFILE)
- EX TRAFFIC SIGNAL
- EX STREET LIGHT
- EX UTILITY POLE
- EX TELEPHONE
- EX ELECTRIC
- EX GAS MAIN
- EX FENCE
- EX RETAINING WALL
- EX MAJOR CONTOUR
- EX MINOR CONTOUR
- EX CURB INLET
- EX STORM DRAIN CLEANOUT
- EX CURB RAMP
- EX VEGETATION LINE (STEEP SLOPES)
- EX TREES AND BRUSH

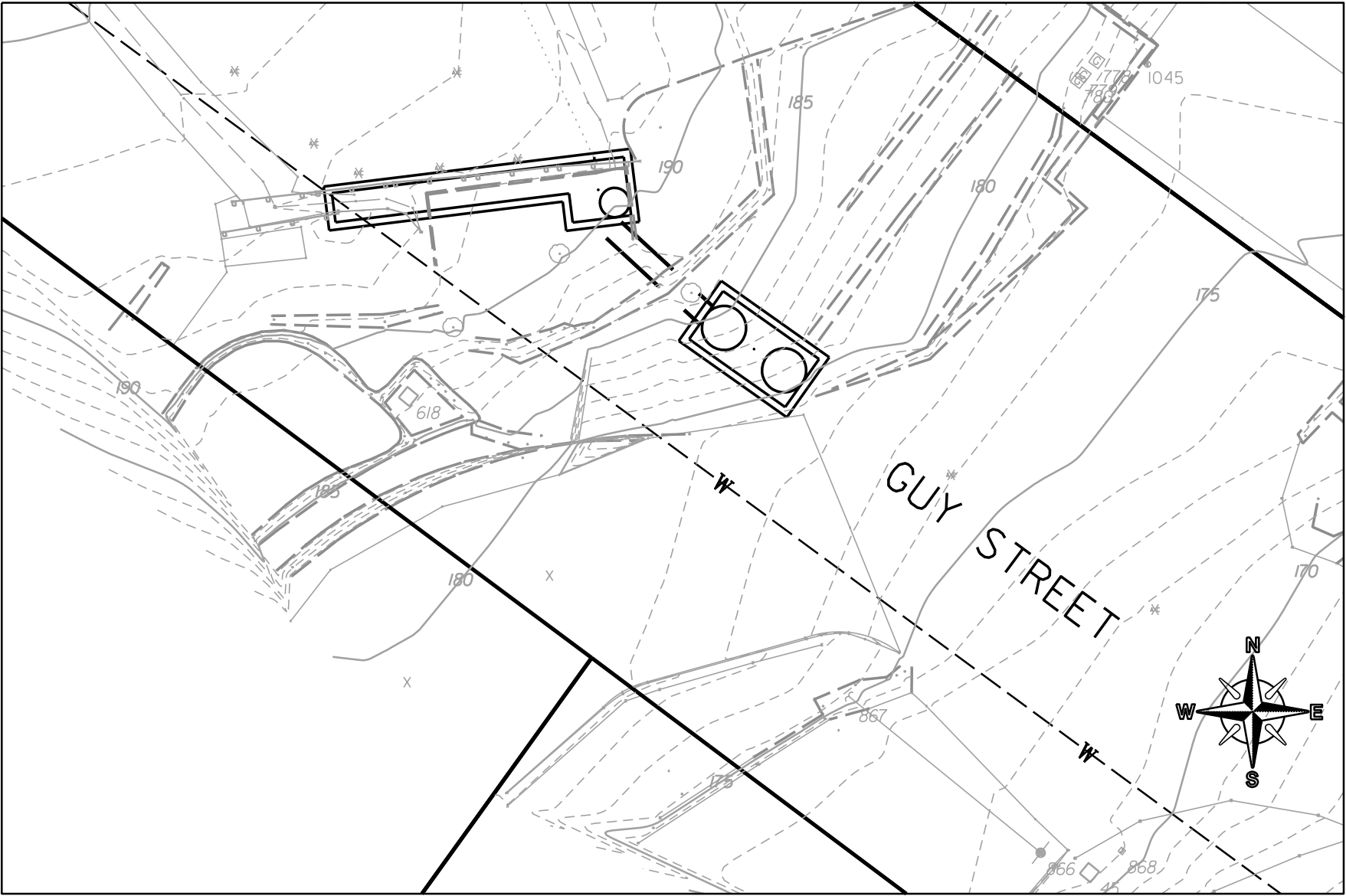


DISCIPLINE CODE

- G GENERAL
- C CIVIL

CONSTRUCTION STORM WATER PROTECTION NOTES

1. TOTAL SITE DISTURBANCE AREA (ACRES) 0.50
HYDROLOGIC UNIT/ WATERSHED 908
HYDROLOGIC SUBAREA 908.21
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
☒ WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
☐ SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT ORDER 2009-0009-DWO AS AMENDED BY ORDER 2010-0014-DWO AND 2012-0006-DWO
TRADITIONAL: RISK LEVEL ☒ ☐ ☐
LUP: RISK TYPE ☒ ☐ ☐
3. CONSTRUCTION SITE PRIORITY
☐ ASBS ☐ HIGH ☐ MEDIUM ☒ LOW



KEY MAP
NO SCALE

MONUMENTATION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SURVEY MONUMENTS AND/OR VERTICAL CONTROL BENCHMARKS WHICH ARE DISTURBED OR DESTROYED BY CONSTRUCTION. A LICENSED LAND SURVEYOR OR LICENSED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING IN THE STATE OF CALIFORNIA SHALL FIELD LOCATE, REFERENCE, AND/OR PRESERVE ALL HISTORICAL OR CONTROLLING MONUMENTS PRIOR ANY EARTHWORK, DEMOLITION OR SURFACE IMPROVEMENTS. IF DESTROYED, A LICENSED LAND SURVEYOR SHALL REPLACE SUCH MONUMENT(S) WITH APPROPRIATE MONUMENTS. WHEN SETTING SURVEY MONUMENTS USED FOR RE-ESTABLISHMENT OF THE DISTURBED CONTROLLING SURVEY MONUMENTS AS REQUIRED BY SECTIONS 6730.2 AND 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA, A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE, SHALL BE FILLED WITH THE COUNTY SURVEYOR, IF ANY VERTICAL CONTROL IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF REPLACING AND VERTICAL CONTROL BENCHMARKS DESTROYED BY THE CONSTRUCTION.

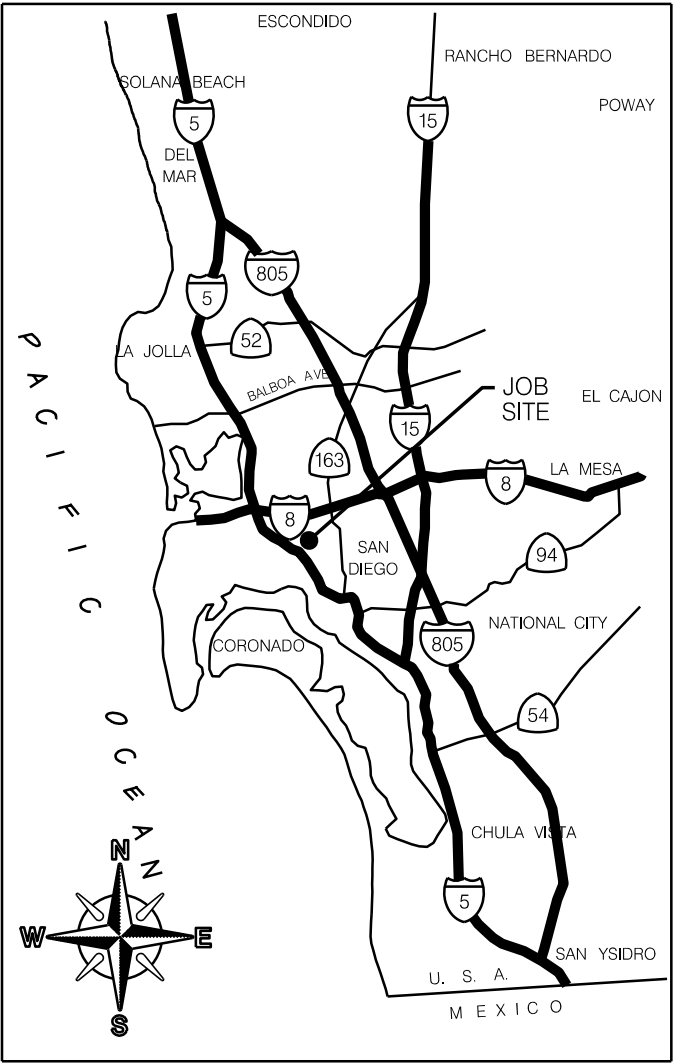
FIELD DATA

BASIS OF BEARINGS/COORDINATES:
THE BASIS OF BEARINGS AND COORDINATES FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83) ZONE 6, NAD83 (EPOCH 1991.35) BASED UPON THE GRID BEARING BETWEEN STATION 1039 AND STATION 17 PER ROS NO. 14492, AND IS DETERMINED BY VRS CELLULAR GPS RTK MEASUREMENTS TAKEN ON JULY 2, 2018. GRID BEARING STATION 1039 TO STATION 17: N 46° 37' 19" E

BASIS OF ELEVATIONS:
THE BENCHMARK FOR THIS SURVEY IS THE WESTERLY BRASS PLUG AT THE INTERSECTION OF PUTERBAUGH STREET AND PRINGLE STREET, ELEVATION: 32.324, MSL, BASED ON NGVD 29 FEET DATUM AS SHOWN IN THE CITY OF SAN DIEGO BENCHMARK BOOK

SCOPE OF WORK

CONSTRUCTION OF STORM DRAIN IMPROVEMENTS. THE IMPROVEMENTS INCLUDE THE DEMOLITION OF EXISTING PAVING, WALLS, TREES, VEGETATION, RETAINING WALLS, AS WELL AS CONSTRUCTION OF STORM DRAINS, STORM DRAIN INLET, STORM DRAIN CLEANOUTS, GUARD POST AND BARRICADE, RETAINING WALLS, PAVING, AND THE GRADING OF EXISTING SLOPE.



VICINITY MAP
NOT TO SCALE

LEGEND

IMPROVEMENTS	REFERENCE	SYMBOL
STORM DRAIN PIPE	D-61, SDD-110	=====
STORM DRAIN CLEANOUT (MODIFIED TYPE A-8)	D-9, D-61, M-3, SDD-114, SEE DETAIL ON SHT 3	=====
ASPHALT CONC PAVING		=====
CURB INLET (TYPE B2)	M-1, SDD-116, SDD-102, SDD-114, SDG-110	=====
EASEMENT	DRAINAGE DESIGN MANUAL, TABLE 4-2	=====
DAYLIGHT LINE		=====
WORK AREA		=====
LANDSCAPE		=====
CURB AND GUTTER (MOD. 8" TYPE G)	SDG-151	=====
CONSTRUCTION ACCESS ROUTE		=====
GUARD POST BARRICADE	SDRSD M-9	=====

DEVELOPMENT SUMMARY

1. PROJECT DESCRIPTION
THE GUY STREET STORM DRAIN PROJECT WILL CONSIST OF:
- CONSTRUCTION OF STORM DRAIN IMPROVEMENTS
- CONSTRUCTION OF STORM DRAIN INLET AND MODIFIED CLEANOUT
- CONSTRUCTION OF RETAINING WALLS
- CONSTRUCTION OF CURB AND GUTTER
- DEMOLITION OF EXISTING WALLS
- REMOVAL AND REPLACEMENT OF AC AND CONCRETE PAVEMENT
- REMOVAL OF EXISTING TREES AND VEGETATION
2. PROJECT TEAM
RICK ENGINEERING COMPANY, (619) 291- 0707
3. OWNER'S NAME AND ADDRESS
SAN DIEGO, CA
4. PROPERTY INFORMATION
5. TYPE OF CONSTRUCTION
N/A (PUBLIC WORKS PROJECT)
6. GROSS SITE AREA X.X ACRES
FLOOR AREA RATIO: N/A
7. EXISTING AND PROPOSED USES
STORM DRAIN EASEMENT WITHIN RESIDENTIAL AND OPEN SPACE PARCELS
8. LANDSCAPE AREA: REVEGETATION OF APPROXIMATELY X.X ACRES

WORK TO BE DONE

THE PUBLIC IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE CONSTRUCTED ACCORDING TO THE FOLLOWING STANDARD SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO

STANDARD SPECIFICATIONS

DOCUMENT NO.	DESCRIPTION
PWP101019-01	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2018 EDITION
PWP101019-02	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WHITEBOOK), 2018 EDITION
PWP101019-04	CITYWIDE COMPUTER AIDED DESIGN AND DRAFTING (CADD) STANDARDS, 2018 EDITION
PWP103019-07	CALIFORNIA DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (REVISION 3), 2014 EDITION
PWP103019-05	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD SPECIFICATIONS, 2018 EDITION

STANDARD DRAWINGS

DOCUMENT NO.	DESCRIPTION
PWP101019-03	CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2018
PWP101019-06	CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S. CUSTOMARY STANDARD PLANS, 2018 EDITION

RICK

ENGINEERING COMPANY

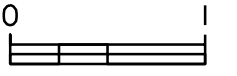
San Diego

5620 FIARIS ROAD
SAN DIEGO, CA 92110
619-291-0707
(FAX) 619-291-4165

rickengineering.com
Riverside - Orange - Sacramento - San Luis Obispo - Phoenix - Tucson - Denver

CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING



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

The City of

SAN DIEGO

Public Works

G-1

PLANS FOR THE CONSTRUCTION OF
GUY STREET STORM DRAIN
COVER SHEET

SPEC. NO.		CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 1 OF 5 SHEETS				WBS X-XXXX/ X-XXXX	
		APPROVED: FOR CITY ENGINEER _____ DATE _____ PRINT NAME _____ RCE# _____				SUBMITTED BY: XXXXXXXX PROJECT MANAGER _____	
						CHECKED BY: XXXXXXXX PROJECT ENGINEER _____	
		DESCRIPTION		BY	APPROVED	DATE	FILMED
		ORIGINAL		REC			
CONTRACTOR _____				DATE STARTED _____		XXXXX-01-D	
INSPECTOR _____				DATE COMPLETED _____			

- DEMOLITION NOTES
- ① SAWCUT LINE
 - ② REMOVE EXISTING VEGETATION
 - ③ PROTECT EX CURB
 - ④ REMOVE EXISTING AC PAVEMENT
 - ⑤ PROTECT EX WATER MAIN IN PLACE
 - ⑥ PROTECT EXISTING FENCE IN PLACE
 - ⑦ PROTECT EXISTING RETAINING WALL IN PLACE
 - ⑧ REMOVE EXISTING TREE
 - ⑨ PROTECT EXISTING AC PAVEMENT
 - ⑩ PROTECT EXISTING DRIVEWAY IN PLACE
 - ⑪ REMOVE AND RELOCATE EXISTING GUARD POST BARRICADE
 - ⑫ PROTECT EXISTING CONCRETE PAVEMENT PAD
 - ⑬ REMOVE EXISTING RETAINING WALL
 - ⑭ PROTECT EXISTING WATER METER IN PLACE
 - ⑮ PROTECT EX CONCRETE SPILLWAY
 - ⑯ PROTECT EXISTING GAS METER
 - ⑰ REMOVE EXISTING AC BERM
 - ⑱ REMOVE EXISTING WOOD DECKING

REMOVE WOOD DECKING.....

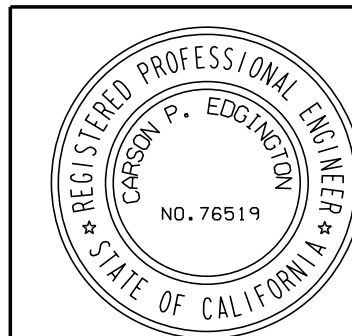
PAVEMENT REMOVAL LIMITS.....

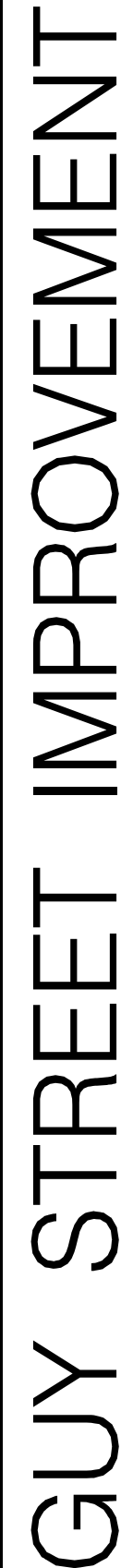
NOTE: DEMO LIMITS DO NOT INCLUDE EXISTING WALL FOOTING EXTENTS. CONTRACTOR TO REPLACE PAVEMENT WHERE FOOTING IS REMOVED

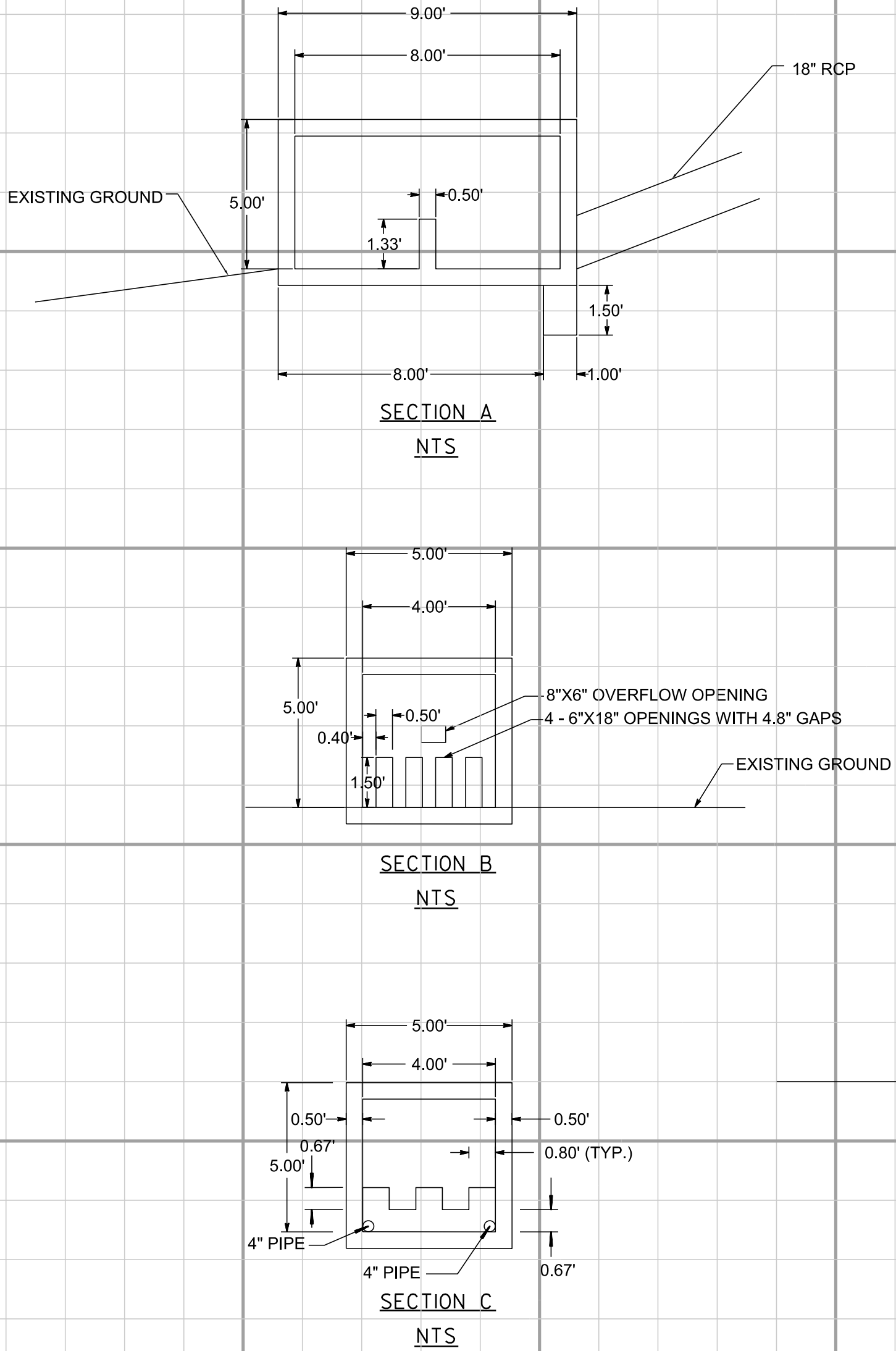
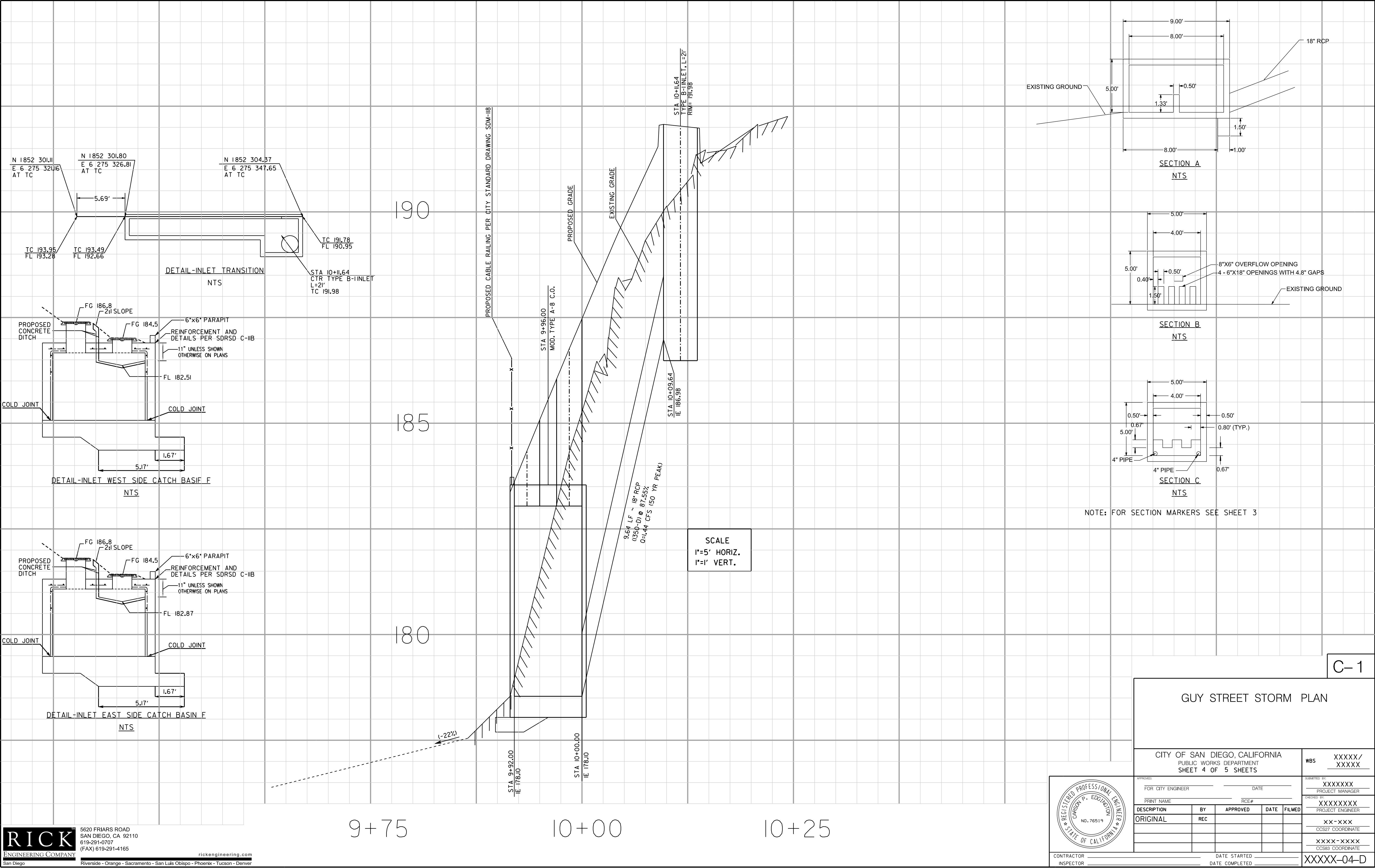


GRAPHIC SCALE 1"= 5'

GUY STREET STORM DRAIN DEMOLITION PLAN	
STATION TO STATION	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 2 OF 5 SHEETS	
WBS	B-XXXX/ B-XXXX
APPROVED: FOR CITY ENGINEER	DATE
PRINT NAME	RCE#
DESCRIPTION	BY
ORIGINAL	REC
APPROVED	DATE
FILMED	
SUBMITTED BY: XXXXXX PROJECT MANAGER	
CHECKED BY: XXXXXX PROJECT ENGINEER	
XXXXXX CCS27 COORDINATE	
XXXXXX CCS83 COORDINATE	
XXXXX-02-D	
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED







NOTE: FOR SECTION MARKERS SEE SHEET 3

C-1

GUY STREET STORM PLAN

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 4 OF 5 SHEETS

WBS XXXXX/
XXXXX

APPROVED: _____ DATE _____
FOR CITY ENGINEER PROJECT MANAGER
PRINT NAME RCE#

SUBMITTED BY: XXXXXXXX
PROJECT MANAGER
CHECKED BY: XXXXXXXX
PROJECT ENGINEER

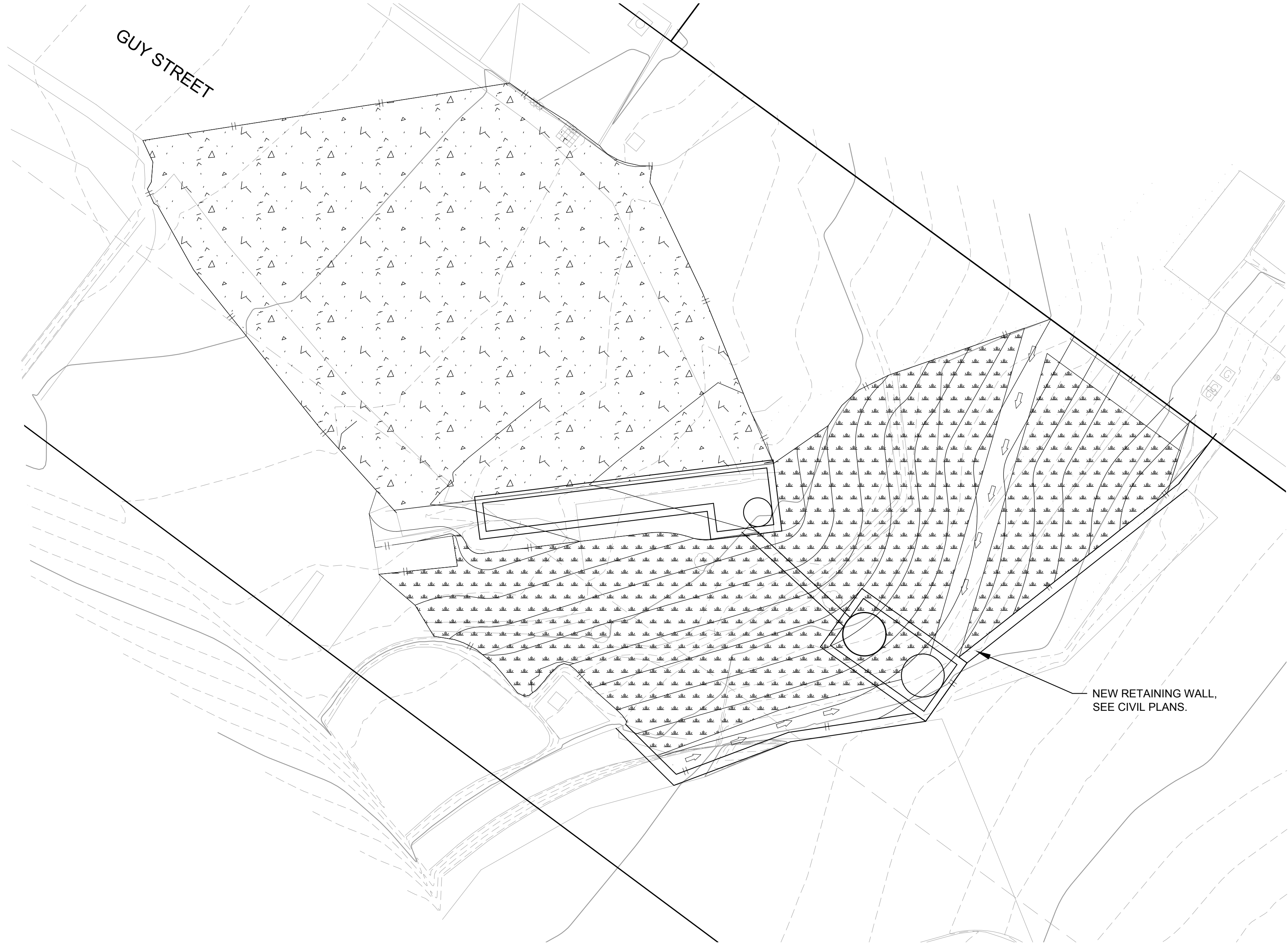
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	REC			

XXXX-XXXX
CCS27 COORDINATE
XXXX-XXXX
CCS83 COORDINATE



CONTRACTOR _____ DATE STARTED _____
INSPECTOR _____ DATE COMPLETED _____

XXXXX-04-D



LANDSCAPE PLANTING NOTES

- FINAL LOCATION OF ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- ALL SHRUB AREAS SHALL RECEIVE (3) INCHES OF DARK, SHREDDED BARK MULCH.
- SHRUBS SHALL NOT BE PLACED WITHIN ONE FOOT OF PAVING OR TWO FEET OF IRRIGATION HEADS TYP.
- THE PLANTING PLAN IS DIAGRAMMATIC. ALL PLANT LOCATIONS ARE APPROXIMATE. PLANT SYMBOLS TAKE PRECEDENCE OVER PLANT QUANTITIES SPECIFIED.
- CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT 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 PLANTING AND AMENDING COMMENCES.
- PRIOR TO PLANTING ALL PLANTING AREAS SHALL BE THOROUGHLY SOAKED.
- PRIOR TO INSTALLATION OF PLANT MATERIAL, JUTE MESH SHALL BE APPLIED TO SLOPE PERPENDICULAR TO CONTOURS WITH JUTE MESH STAPLES AT 18" O.C.
- ALL SLOPE PLANTING SHALL BE HAND WATERED AND MAINTAINED BY ADJACENT PROPERTY OWNERS AS REQUIRED.
- FOR ALL VERTICAL AND HORIZONTAL CONTROL SEE CIVIL PLANS.

RICK

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rickengineering.com

Riverside - Orange - Sacramento - San Luis Obispo - Phoenix - Tucson - Denver

J-18187C

PLANT LEGEND

IRRIGATED HYDROSEED MIX #1 - IRRIGATED		
BOTANICAL / COMMON NAME	BULK Lbs/Acre	TOTAL FOR 0.02
BROMUS CORINATUS / CALIFORNIA BROME	2.0	0.04
CALYSTEGIA MACROSTEGIA / WILD MORNING GLORY	2.0	0.04
ERIOPHYLLUM CONFERTIFLORUM / GOLDEN YARROW	2.0	0.04
ESCHSCHOLZIA CALIFORNICA / CALIFORNIA POPPY	6.0	0.12
HELIANTHEMUM SCOPARIUM / COMMON ROCK ROSE	2.0	0.04
LASTHENIA CALIFORNICA / DWARF GOLDFIELDS	2.0	0.04
LUPINUS BICOLOR / PYGMY-LEAVED LUPINE	5.0	0.1
MIRABILIS LAEVIS / WISHBONE BUSH	2.0	0.04
STIPA (NASSELLA) PULCHRA	5.0	0.1
PLANTAGO ERECTA / CALIFORNIA PLANTAIN	5.0	0.1
TRIFOLIUM CILIOLATUM / TREE CLOVER	3.0	0.06
VULPIA (FESTUCA) MICROSTACHYS / THREE-WEEK FESCUE	5.0	0.1

HYDROSEED NOTES

Hydroseeding Slurry Mix:	
Product	Application Rate
Conwed 1000 Wood Fiber Mulch	1500 lbs/acre
HydroPost Premium Compost	1000 lbs/acre
Ecology Controls M-Binder/Tack	150 lbs/acre
Biosol Mix 7-2-3 Organic fertilizer	800 lbs/acre
AM 120 Mycorrhizal inoculum	60 lbs/acre

Available at S & S Seeds - ph. 805.684.0436 - www.ssseeds.com

San Diego Landscape Development Manual - Landscape Standards

4.4 HYDROSEEDING PROCEDURES

4.4-1 Seed mixes shall be specified by the pure live seed of each species.

4.4-2 Fiber mulch shall be applied at a minimum rate of 2,000 pounds per acre except when used in conjunction with straw mulch, when it shall be applied at a minimum rate of 400 pounds per acre.

4.4-3 A wetting agent consisting of 95 percent alkyl polyethylene glycol ether shall be applied as per manufactu'ers' recommendations.

4.4-4 Equipment used for the application of slurry shall have a built-in agitation system to suspend and homogeneously mix the slurry. The slurry mix shall be dyed green. The equipment must have a pump capable of applying slurry uniformly.

Note:
Graded, disturbed, or eroded areas to be treated with a Non-irrigated Hydroseed Mix shall receive an interim binder/tackifier as needed between April 2nd and August 31st for dust-control with subsequent application of hydroseed mix during the rainy season October 1st and April 1st.

4.5 MAINTENANCE REQUIREMENTS

4.5-1 Permanently irrigated slopes shall be maintained for a period of no less than 90 days.

4.5-1 Nonpermanently irrigated areas shall be maintained for a period not less than 25 months.

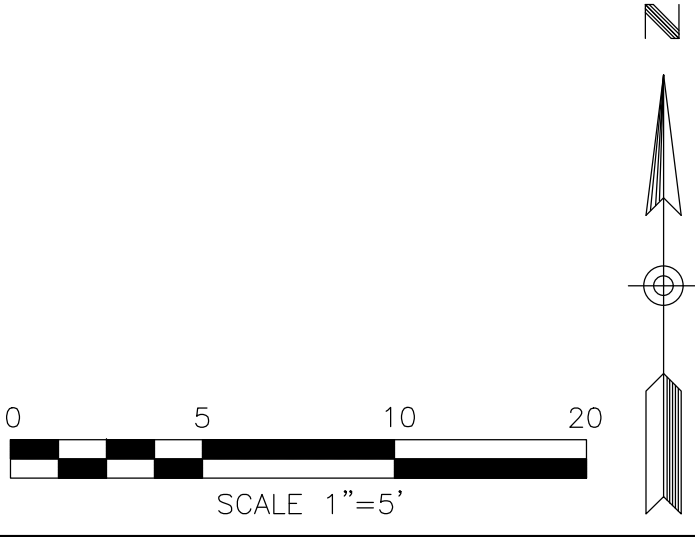
4.5-3 All revegetated areas shall be maintained by the Permittee until final approval by the City Manager. The maintenance period begins on the first day following acceptance and may be extended at the determination of the City Manager.

4.5-4 Prior to final approval, the City Manager may require corrective action including but not limited to, replanting, the provision or modification of irrigation systems, and repair of any soil erosion or slope slippage.

L-1

GUY STREET STORM DRAIN
LANDSCAPE PLANTING PLAN,
NOTES & DETAILS

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 5 OF 5 SHEETS		WBS B-XXXX/ B-XXXX			
APPROVED: FOR CITY ENGINEER _____ DATE _____ PRINT NAME _____ RCE# _____		SUBMITTED BY: XXXXXXXXXXXXX PROJECT MANAGER			
DESCRIPTION	BY	APPROVED	DATE	FILMED	CHECKED BY: XXXXXXXXXXXXX PROJECT ENGINEER
ORIGINAL	REC				XXXXXXXXXXXXX CCS27 COORDINATE
					XXXXXXXXXXXXX CCS83 COORDINATE
CONTRACTOR _____		DATE STARTED _____		XXXX-05-D	
INSPECTOR _____		DATE COMPLETED _____			



90% SUBMITTAL