



THE CITY OF SAN DIEGO

ADDENDUM TO MITIGATED NEGATIVE DECLARATION

Project No. 671682
Addendum to MND No. 255100
SCH No. 2011091045

SUBJECT: AC Water & Sewer Group 1034: The Project proposes to install new mains (open trenching and trenchless), replace in place, and abandon existing sewer and water mains. The proposed water improvements include installation of 7,039 linear feet (LF) of new water mains, replacement in place of 10,043 LF of existing water main, and abandonment of 9,948 LF of existing water main. Sewer improvements include installation of 1,660 LF of new sewer, replacement in place of 8,152 LF, pipe bursting 473 LF, rehabilitation of 2,324 LF, abandonment of 1,707 LF of existing sewer main, and installation of 35 replumbs. Easement vacations will be addressed once the replumbs will be installed and accepted. Additionally, 84 new manholes will be installed. The project would include installation of curb ramps, laterals, cleanouts, water meters, water boxes, slurry seal, rehabilitation of existing manholes and street resurfacing. The project is within the Coastal Zone in the Coastal Commission Permit Jurisdiction, Appealable Area, and Non-Appealable Area 2. The project is in the Peninsula and Ocean Beach Community Plan Areas in Council District 2. **APPLICANT:** City of San Diego Engineering & Capital Projects Department.

I. SUMMARY OF PROPOSED PROJECT

The Project proposes to install new mains (open trenching and trenchless), replace in place, and abandon existing sewer and water mains. The proposed water improvements include installation of 7,039 linear feet (LF) of new water mains, replacement in place of 10,043 LF of existing water main, and abandonment of 9,948 LF of existing water main. Sewer improvements include installation of 1,660 LF of new sewer, replacement in place of 8,152 LF, pipe bursting 473 LF, rehabilitation of 2,324 LF, abandonment of 1,707 LF of existing sewer main, and installation of 35 replumbs. Easement vacations will be addressed once the replumbs will be installed and accepted. Additionally, 84 new manholes will be installed, which require a 10'x 10' excavation area with depths ranging from 3' to 24'.

The project proposes to replace the existing water pipeline with 8" and 12" diameter pipes with depths ranging from 3' to 5' and install new 24" diameter pipes with depths ranging from 3' to 5'. The project proposes to replace the existing sewer pipeline with 8" and 10" diameter pipes with depths ranging from 3' to 15'. There will be new appurtenances

including valves, tees, crosses, and manholes. The staging area for the construction phase will be in a developed public right of way.

The project would also include installation of curb ramps, laterals, cleanouts, water meters, water boxes, slurry seal, as well as rehabilitation of existing manholes and street resurfacing.

More specific descriptions of construction methods are as follow:

Open Trenching: The open trench method of construction will be used for complete replacement and new pipeline for portions of the Project. Trenches are typically 3-5 feet wide and are dug with excavators and similar large construction equipment. All trenching work would occur within the public right-of-way and within City-owned easement.

Abandonment: Pipeline abandonment activities will have minimum surface/subsurface disturbance at both ends of the mains. Disturbance would be limited to removal of manholes and exposed pipe sections. All abandonment would occur within City-owned easements.

Potholing: Potholing will be used to verify utility crossings. These 'potholes' are made by using vacuum type equipment to open up small holes into the street or pavement.

Pipe bursting: The pipe bursting method of construction is a form of trenchless pipe installation. A launching pit and receiving pit are dug at either end of the pipe segment. A hydraulic or pneumatic expander head is pushed through the existing pipe breaking and expanding the walls. The new pipe is then pulled through taking place of the existing pipe. Generators are used to power the equipment used in a pipe bursting operation.

II. ENVIRONMENTAL SETTING

The AC Water & Sewer Group 1034 project is located in the Ocean Beach and Peninsula Community Plan Areas and within the Port of San Diego Jurisdiction, in Council District 2. Trenching and ground disturbance activities are primarily in developed Right of Way. A minor portion would affect ornamental vegetation that is not considered Environmentally Sensitive land (ESL) within paper streets and adjacent to developed residential and commercial property.

The project would affect the following streets: Catalina Boulevard, Varona Street, Liggett Drive, Santa Cruz Avenue, Catalina Place, North Harbor Drive, Kellogg Street, Perry Street, Noren Place, Qualtrough Street, San Elijo Street, Rogers Street and Easement, San Diocino Street Easement, Kona Way and Easement, Bessemer Path, Bessemer Street, Armada Terrace Easement, Golden Park Avenue, Rosecrans Street, San Antonio Place, Scott Street, Talbot Street, Upshur Street, Alexandria Drive, Savoy Circle, Niagara Avenue, Venice Street, Muir Avenue, Long Branch Avenue, Soto Street, Emerson Street, Fenelson Street, Garrison Street, and alleys. The project is within the Coastal Zone in the Coastal Commission Permit Jurisdiction, Appealable Area, and Non-Appealable Area 2. The project is not located within or adjacent to the Multi-Habitat Planning Area (MHPA).

See attached Mitigated Negative Declaration (MND) for the environmental setting for the overall Citywide Pipeline Projects.

III. SUMMARY OF ORIGINAL PROJECT

A Citywide Pipelines Projects MND No. 255100 was prepared by the City of San Diego's Development Services Department (DSD) and was certified by the City Council on November 30, 2011 (Resolution No. 307122), hereby referenced as Citywide Pipelines MND. The Citywide Pipelines MND provides for the inclusion of subsequent pipeline projects that are located within the public right-of-way and would not result in any direct impacts to sensitive biological resources. Pursuant to the City of San Diego's Municipal Code Section 128.0306 and Section 15164(c) of State CEQA Guidelines addenda to environmental documents are not required to be circulated for public review.

IV. ENVIRONMENTAL DETERMINATION

The City previously prepared and certified the Citywide Pipelines MND No. 255100 /SCH No. 2011091045. Based on all available information in light of the entire record, the analysis in this Addendum, and pursuant to Section 15162 of the State CEQA Guidelines, the City has determined the following:

- There are no substantial changes proposed in the project which will require major revisions of the previous environmental document due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
- Substantial changes have not occurred with respect to the circumstances under which the project is undertaken which will require major revisions of the previous environmental document due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
- There is no new information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental document was certified as complete or was adopted, shows any of the following:
 - a. The project will have one or more significant effects not discussed in the previous environmental document;
 - b. Significant effects previously examined will be substantially more severe than shown in the previous environmental document;
 - c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
 - d. Mitigation measures or alternatives which are considerably different from

those analyzed in the previous environmental would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

Based upon a review of the current project, none of the conditions described in Section 15162 calling for the preparation of a subsequent EIR or negative declaration have occurred. 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, this Addendum has been prepared in accordance with Section 15164 of the CEQA State Guidelines. Public review of this Addendum is not required per CEQA.

V. IMPACT ANALYSIS

The following includes the project-specific environmental review pursuant to the CEQA. The Citywide Pipelines MND determined the potential to impact Historical/Cultural Resources (Archaeology, Built Environment) and Land Use (MHPA). The analysis in this document evaluates the adequacy of the MND relative to the project.

Historical Resources (Archaeology)

Citywide Pipelines MND

The Citywide Pipelines MND concluded that pipeline projects located within the public right-of-way and city easements could result in significant environmental impacts relating to archaeological resources, and included mitigation to reduce impacts to archaeological resources to below a level of significance.

To reduce potential project impacts, to archaeological resources, to below a level of significance, excavation within previously undisturbed soil, for either new trench alignments or for replacement of pipelines within the same trench alignment occurring at a deeper depth than the previously existing pipeline, would be monitored by a qualified archaeologist or archaeological monitor and Native American monitor. Any significant archaeological resources encountered would be recovered and curated in accordance with the mitigation monitoring and Reporting Program (MMRP) detailed in Section V.

Project

City staff consulted with staff's qualified archaeologist regarding the potential for the project to impact historical resources. The project site is located in an area that is sensitive for the discovery of archaeological resources and the project will disturb previously undisturbed soil. Therefore, archaeological and Native American monitoring will be required for ground disturbance of undisturbed soil (i.e. new open trench and alignment, see Attachment 1). This monitoring will be included in the MMRP in the MND Addendum for the project. These measures are included in Section VI of this MND.

Historical Resources (Built Environment)

Citywide Pipelines MND

The Citywide Pipelines MND concluded that pipeline projects located within the public right-of-way and city easements could result in significant environmental impacts relating to historical resources. Projects located in a historical district must incorporate mitigation to reduce impacts to the historical district to below a level of significance. This mitigation measure does not apply because the project is not in a historic designated district.

The purpose and intent of the *Historical Resources Regulations of the Land Development Code (Chapter 14, Division 3, and Article 2)* is to protect, preserve and, where damaged, restore the historical resources of San Diego. The regulations apply to all proposed development within the City of San Diego when historical resources are present on the premises. A project that may cause a substantial adverse change in the significance of a historical resource may have a significant effect on the environment (Sections 15064.5(b) and 21084.1).

Project

The project is not located in a historical district and would not impact the significance of any historical resources eligible to be listed in the California Register of Historical Resources. Therefore, no impacts would occur to historical resources (built environment) as a result of the project and no mitigation is required.

Land Use

Citywide Pipelines MND

The Citywide Pipelines MND concluded that future pipeline projects would involve replacing and installing utility infrastructure located within proximity to the City's MHPA which is covered by the MSCP Subarea Plan. No conflicts are anticipated because implementation of the MHPA Land Use Adjacency Guidelines would be required for any project located within 100 feet from the MHPA. Measures to reduce potential indirect impacts to the City's MHPA have been included in the MMRP contained within Section V of the Citywide Pipelines MND. With mitigation incorporated, impacts would be less than significant.

Project

The project would not conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect. The project is not within or adjacent to the MHPA. Thus, no impact to land use would occur.

Paleontological Resources

Citywide Pipelines Project MND

The Citywide Pipelines MND analyzed paleontological resources in relation to pipeline projects, which included mitigation to reduce impacts to paleontological resources to below a level of significance. The project area is underlain by geologic formations that, with respect to paleontological fossil resource potential, are assigned a moderate and high sensitivity ratings. Based on the sensitivity of the affected formations and proposed excavation depths exceeding 10 feet, construction of subsequent pipeline projects could result in potentially significant impacts to fossil resources.

To reduce potential impacts to below a level of significance, excavation within previously undisturbed formations at a depth of 10 or more feet, for either new trench alignments and/or for replacement of pipelines within the same trench alignment occurring at a deeper depth than the previously existing pipeline, would be monitored by a qualified paleontologist or paleontological monitor. Any significant paleontological resources encountered would be recovered and curated in accordance with the mitigation monitoring and Reporting Program (MMRP) detailed in Section V of the Citywide Pipelines MND.

Project

The project is located within Cabrillo Formation, sandstone, and Very old Paralic Deposits, undivided, with a moderate sensitivity for paleontological resources; and Old Paralic Deposits, Unit 6, with a high sensitivity for resources. Project excavation would exceed the City's significance thresholds of 1,000 cubic yards and 10 feet in depth. Therefore, Paleontological resources monitoring would be required under San Diego Municipal Code section 142.0151. With monitoring implemented, impacts to paleontological resources would be less than significant. No mitigation is required.

Summary

Based on the foregoing analysis and information, there is no evidence that the project would require a major change to the Mitigated Negative Declaration. The project would not result in any new significant impact, nor would a substantial increase in the severity of impacts from that described in the Mitigated Negative Declaration result.

VI. MITIGATION, MONITORING, AND REPORTING PROGRAM (MMRP) INCORPORATED INTO THE PROJECT

The following would apply to work in previously undisturbed soils (i.e. new trench and alignment).

Historical Resources (Archaeology)

I. Prior to Permit Issuance or Bid Opening/Bid Award

A. Entitlements Plan Check

1. Prior to permit issuance or Bid Opening/Bid Award, whichever is applicable, the Assistant Deputy Director (ADD) Environmental designee 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 ADD
 - 1. Prior to Bid Award, the applicant shall submit a letter of verification to Mitigation Monitoring Coordination (MMC) identifying the Principal Investigator (PI) for the project and the names of all persons involved in the archaeological monitoring program, as defined in the City of San Diego Historical Resources Guidelines (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 the applicant 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, the applicant 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 1/4 mile radius.
- B. PI Shall Attend Precon Meetings
 - 1. Prior to beginning any work that requires monitoring; the Applicant shall arrange a Precon Meeting that shall include the PI, Native American consultant/monitor (where Native American resources may be impacted), Construction Manager (CM) and/or Grading Contractor, Resident Engineer (RE), Building Inspector (BI), if appropriate, and MMC. 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, the Applicant shall schedule a focused Precon Meeting with MMC, the PI, RE, CM or BI, if appropriate, prior to the start of any work that requires monitoring.
 - 2. Acknowledgement of Responsibility for Curation (CIP or Other Public Projects)
The applicant 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 (CSVR). The CSVR'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 or BI, 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 Historical Resources Guidelines. 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 or BI 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 notified by the Commission, 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, 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.
 - 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, the applicant/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, or BI, as appropriate, a minimum of 24 hours before the work is to begin.

2. The RE, or BI, 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 Historical Resources Guidelines (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 Historical Resources Guidelines, 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 or BI, 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 or BI, as appropriate for donor signature with a copy submitted to MMC.
 4. The RE or BI, 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 or BI and MMC.
- D. Final Monitoring Report(s)
 1. The PI shall submit one copy of the approved Final Monitoring Report to the RE or BI 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.

VII. IMPACT SIGNIFICANCE

The MND identified that all impacts would be mitigated to below a level of significance through mitigation. This Addendum also identifies that all significant project impacts would be mitigated to below a level of significance, consistent with the previously certified MND.

VIII. CERTIFICATION

Copies of the addendum, the adopted MND, and the Mitigation Monitoring and Reporting Program, and associated project-specific technical appendices, if any, may be reviewed online at www.sandiego.gov/ceqa, or purchased for the cost of reproduction.



Jamie Kennedy, Senior Planner
Development Services Department

1/13/2022
Date of Final Report

Analyst: Jamie Kennedy

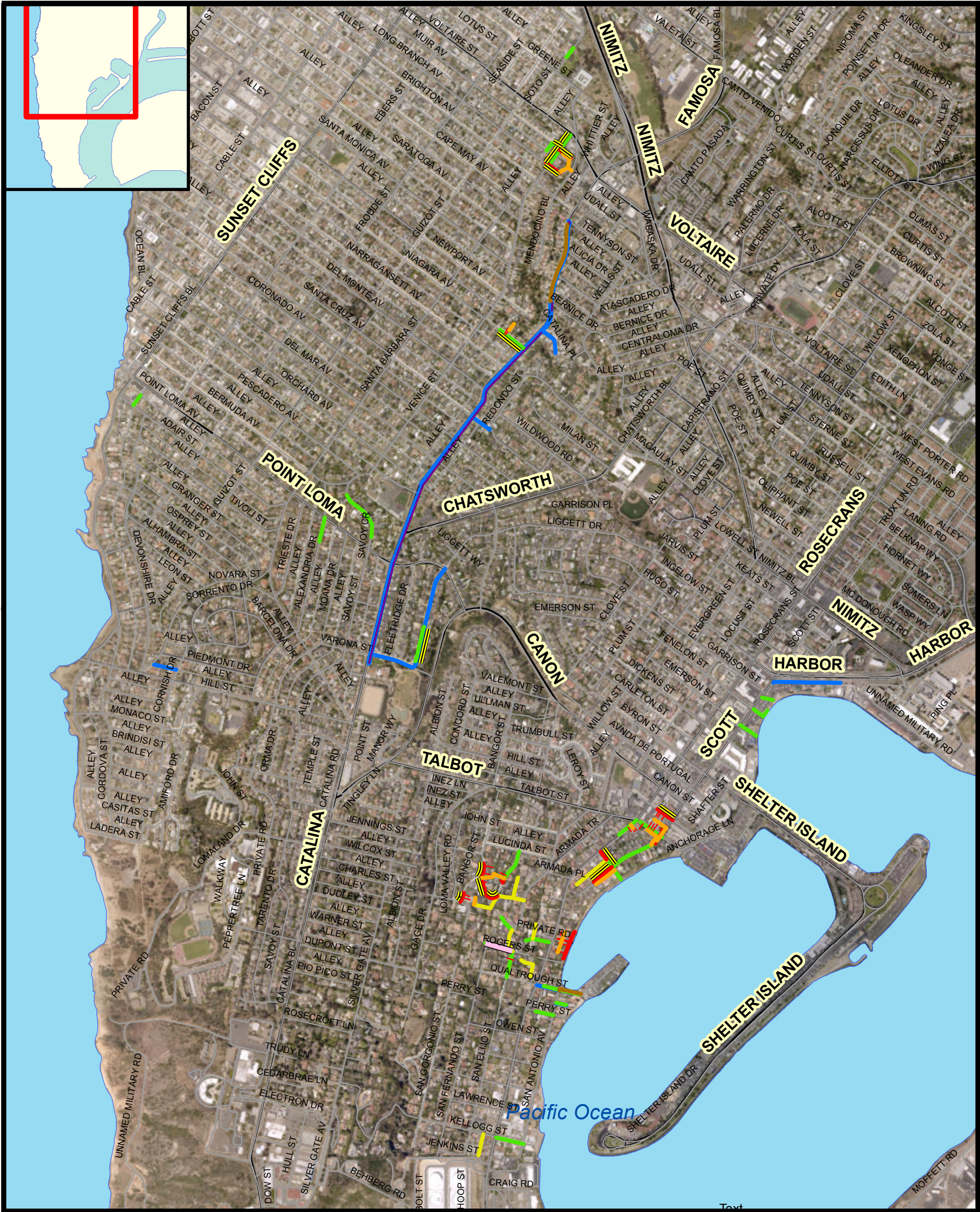
Attachments:

1. Location Map
2. Development Plans
3. Mitigated Negative Declaration No. 255100/SCH No. 2011091045

VIII. REFERENCES

City of San Diego

AC Water & Sewer Group 1034 100% Design Plans



AC Water & Sewer Group 1034

Legend

- Abandon Water
- Pipe Bursting
- NEW SEWER
- REPLUMBS
- REPLACE SEWER
- REHAB SEWER
- ABANDON SEWER
- NEW WATER
- REPLACE WATER
- SEWER PIPES DEEPER THAN 10ft



1 in = 1,250 ft



SENIOR ENGINEER
NICOLE SALEM
(619) 533-7443

PROJECT MANAGER
SANOUBAR AGHDAM
(619) 533-4607

PROJECT ENGINEER
WISSAM GARDNER
(619) 533-6605

SEWER & AC WATER GROUP 1034

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 SD&E AT LEAST 10 WORKING DAYS PRIOR TO EXCAVATING WITHIN 10' OF SD&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 402-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 (AM) 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 DOCUMENTS.
- ALL BURIED DUCTILE IRON PIPE AND FITTINGS SHALL BE COATED AND HOLIDAY FREE AS SPECIFIED IN THE WHITEBOOK. IF USING WAX TAPE, OVERLAP EXISTING METALLIC PIPING BY 12 INCHES ON EACH SIDE. IF ANY BURIED PIPE MATERIALS ARE TO BE CHANGED FROM NONMETALLIC TO METALLIC DURING THE CONSTRUCTION PHASE, THIS CHANGE MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY'S CORROSION ENGINEER.
- FOR COORDINATION OF THE SHUTDOWN OF MAINS, THE ASSIGNED INSPECTOR RESIDENT ENGINEER (RE), AND NOT THE CONTRACTOR, SHOULD CONTACT THE FOLLOWING:
TRANSMISSION MAINS (16 INCHES AND LARGER) - JESUS RAMOS (619-527-7438)
DISTRIBUTION MAINS (LESS THAN 16 INCHES) - FREDDY PORTER (619-527-7539)
WATER FACILITIES - TATYANA FIKHMAN (619-527-7465) AND JESUS RAMOS (619-527-7465) AND JESUS RAMOS (619-527-7438)
- CONNECTION JOINTS SHALL NOT BE INSTALLED ON THE PROPOSED WATER MAIN ABOVE, BELOW AND WITHIN 10' ON BOTH SIDES OF SEWER OR STORM DRAIN CROSSING.
- ALL BURIED DUCTILE IRON PIPE AND FITTINGS SHALL BE COATED AND HOLIDAY FREE AS SPECIFIED IN THE WHITEBOOK. IF USING WAX TAPE, OVERLAP EXISTING METALLIC PIPING BY 12 INCHES ON EACH SIDE. IF ANY BURIED PIPE MATERIALS ARE TO BE CHANGED FROM NONMETALLIC TO METALLIC DURING THE CONSTRUCTION PHASE, THIS CHANGE MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY'S CORROSION ENGINEER.

CONSTRUCTION STORM WATER PROTECTION NOTES

- TOTAL SITE DISTURBANCE AREA (ACRES) _____
HYDROLOGIC UNIT & WATERSHED _____
HYDROLOGIC SUBAREA NAME & NO. _____
- THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE
☐ MINOR WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
☐ WPCP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100
☐ SWPPP
THE PROJECT IS SUBJECT TO MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NO. R9-2013-0001 AS AMENDED BY R9-2015-0001 AND R9-2015-0100 AND CONSTRUCTION GENERAL PERMIT (CGP) ORDER 2009-0009-DWQ AS AMENDED BY ORDER 2010-0014-DWQ AND 2012-0006-DWQ
TRADITIONAL: RISK LEVEL 1 ☐ 2 ☐ 3
LUP: RISK TYPE 1 ☐ 2 ☐ 3
- CONSTRUCTION SITE PRIORITY
☐ ASBS ☐ HIGH ☐ MEDIUM ☐ LOW

PERMANENT STORM WATER BMP CATEGORY:

- ☐ PRIORITY DEVELOPMENT PROJECT
☐ STANDARD DEVELOPMENT PROJECT
☐ PDP EXEMPT
☐ NOT SUBJECT TO PERMANENT STORM WATER REQUIREMENTS

ABBREVIATIONS

ABAND	ABANDON	BC	BEGIN CURVE	LT	LEFT	RDCR	REDUCER
ABAND'D	ABANDONED	BFV	BUTTERFLY VALVE	MJ	MECHANICAL JOINT	RT	RIGHT
AC	ASBESTOS CEMENT PIPE/ ASPHALT CONCRETE	BK	BACK	MTS	SAN DIEGO METROPOLITAN TRANSIT SYSTEM	S	SURVEY LINE
ASPH	ASPHALT	BTWN	BETWEEN	EC	ENCASED BURIED	SD&AE	SAN DIEGO & ARIZONA EASTERN RAILROAD
AHD	AHEAD	BLDG	BUILDING	EL, ELEV	END CURVE	SDTI	SAN DIEGO TROLLEY INC.
ANG	ANGLE	CATV	CABLE TV	ELEC	ELEVATION	SO	STUB OUT
ASSY	ASSEMBLY	CL	CLASS	ELEC	ELECTRIC	S/O	SOUTH OF
AV	AIR VALVE	CI	CAST IRON PIPE	EX, EXIST	EXISTING	SWR	SEWER
AR/AV	AUTOMATIC COMBINATION AIR RELEASE & AIR VACUUM VALVE	C	CENTER LINE	E/O	EAST OF	TEL	TELEPHONE
		CONC	CONCRETE	F	FLANGE	UNK	UNKNOWN
		COND	CONDUIT	FH	FIRE HYDRANT	VC	VITRIFIED CLAY PIPE
		CONT	CONTINUED	FS	FIRE SERVICE	VERT	VERTICAL
		CONTR	CONTRACTOR	GV	GATE VALVE	WM	WATER METER
		DB	DIRECT BURIED	HDPE	HIGH-DENSITY POLYETHYLENE	WTR	WATER
		DI	DUCTILE IRON	HP	HIGH PRESSURE	W/O	WEST OF
		D/W	DRIVEWAY	IE	INVERT ELEVATION	XGUTTER	CROSS GUTTER
		DEF	DEFLECTION				

MTD	MULTIPLE TELEPHONE DUCT
N/O	NORTH OF
NOC	NOTICE OF COMPLETION
NTP	NOTICE TO PROCEED
OVHD	OVER HEAD
PVC	POLYVINYL CHLORIDE
POB	POINT OF BEGINNING
PCC	POINT OF COMPOUND CURVE
PC	POINT OF CURVE
POE	POINT OF END
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENT
PROP	PROPOSED

SDTI	SAN DIEGO TROLLEY INC.
SO	STUB OUT
S/O	SOUTH OF
SWR	SEWER
TEL	TELEPHONE
UNK	UNKNOWN
VC	VITRIFIED CLAY PIPE
VERT	VERTICAL
WM	WATER METER
WTR	WATER
W/O	WEST OF
XGUTTER	CROSS GUTTER

SHEET INDEX

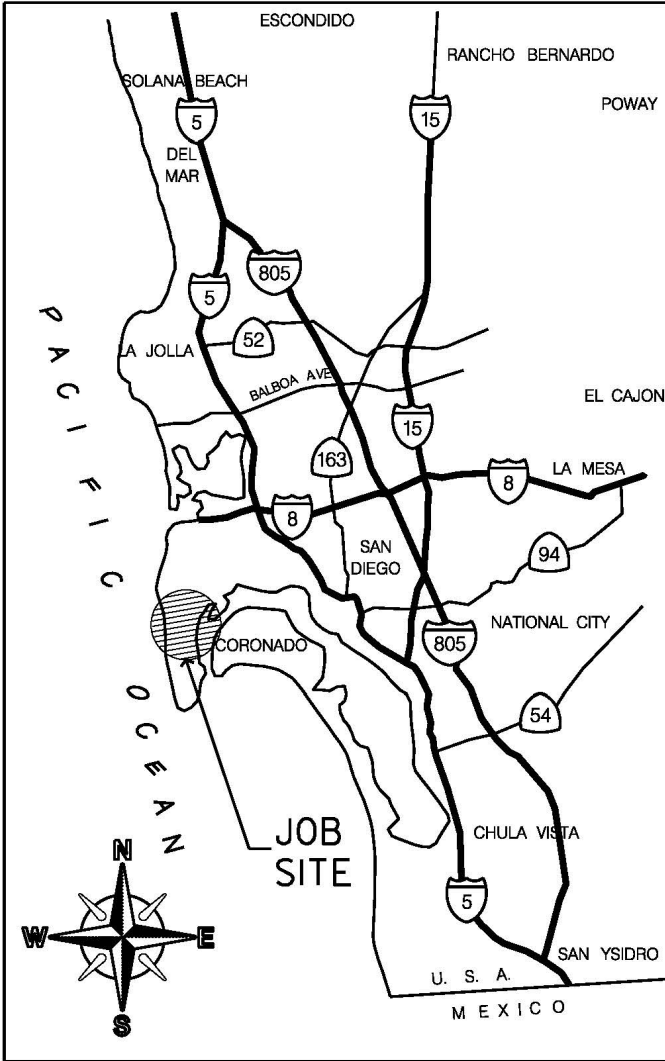
SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS	PIPE		LENGTH (FT)
				SIZE (IN)	MATERIAL	
1	G-1	COVER SHEET	COVER SHEET			
2	G-2	KEY MAP	WATER MAINS AND SEWER MAINS			
3	C-1	CATALINA BL	STA 1+00.00 TO STA 8+00.00	24"	--	700.00
4	C-2	CATALINA BL	STA 8+00.00 TO STA 15+50.00	24"	--	750.00
5	C-3	CATALINA BL	STA 15+50.00 TO STA 22+00.00	24"	--	650.00
6	C-4	CATALINA BL	STA 22+00.00 TO STA 28+50.00	24"	--	650.00
7	C-5	CATALINA BL	STA 28+50.00 TO STA 36+00.00	24"	--	750.00
8	C-6	CATALINA BL	STA 36+00.00 TO STA 42+50.00	24"	--	650.00
9	C-7	CATALINA BL	STA 42+50.00 TO STA 50+00.00	24"	--	750.00
10	C-8	CATALINA BL	STA 50+00.00 TO STA 57+00.00	24"	--	700.00
11	C-9	CATALINA BL	STA 57+00.00 TO STA 63+00.00	24"	--	600.00
12	C-10	CATALINA BL	STA 63+00.00 TO STA 68+66.00	24"	--	568.00
13	C-11	CATALINA BL	STA 1+00.00 TO STA 6+00.00	12"	--	700.00
14	C-12	CATALINA BL	STA 6+00.00 TO STA 13+00.00	12"	--	700.00
15	C-13	CATALINA BL	STA 13+00.00 TO STA 17+36.00	12"	--	436.00
16	C-14	CATALINA BL	STA 1+00.00 TO STA 7+00.00	8"	--	600.00
17	C-15	CATALINA BL	STA 7+00.00 TO STA 14+00.00	8"	--	700.00
18	C-16	CATALINA BL	STA 14+00.00 TO STA 21+50.00	8"	--	750.00
19	C-17	CATALINA BL	STA 21+50.00 TO STA 26+50.00	8"	--	500.00
20	C-18	CATALINA BL	STA 26+50.00 TO STA 31+65.00	8"	--	515.00
21	C-19	CATALINA BL	STA 31+65.00 TO STA 37+00.00	8"	--	535.00
22	C-20	CATALINA BL	STA 37+00.00 TO STA 42+80.00	8"	--	580.00
23	C-21	VARONA ST	STA 1+00.00 TO STA 8+00.00	8"	--	700.00
24	C-22	LIGGETT DR	STA 8+00.00 TO STA 14+00.00	8"	--	600.00
25	C-23	LIGGETT DR	STA 14+00.00 TO STA 20+89.00	8"	--	689.00
26	C-24	SANTA CRUZ AVE	STA 1+00.00 TO STA 3+90.00	8"	--	290.00
27	C-25	CATALINA PL	STA 1+00.00 TO STA 4+95.00	8"	--	395.00
28	C-26	N HARBOR DRIVE	STA 1+00.00 TO STA 6+00.00	12"	--	500.00
29	C-27	N HARBOR DRIVE	STA 6+00.00 TO STA 9+98.00	12"	--	398.00
30	C-28	ALLEY (NOVARA-CORNISH) NOREY PL	STA 1+00.00 TO STA 4+24.00	8"	--	324.00
31	C-29	QUAL TROUGH ST	STA 1+00.00 TO STA 2+32.00	8"	--	132.00
			STA 1+00.00 TO STA 7+41.00	8"	--	641.00
32	C-30	KELLOG ST AND EASEMENT	STA 1+00.00 TO STA 4+78.00	8"	--	378.00
33	C-31	PERRY ST AND NOREY PL	STA 1+00.00 TO STA 3+81.00	8"	--	281.00
34	C-32	QUAL TROUGH ST	STA 1+00.00 TO STA 2+35.00	8"	--	198.00
35	C-33	SAN ELIJO ST & ARMADA TERRACE	STA 1+00.00 TO STA 5+74.00	8"	--	135.00
36	C-34	ROGERS ST	STA 1+00.00 TO STA 6+73.00	8"	--	474.00
37	C-35	SAN DIONICIO ST EASEMENT AND ROGERS ST EASEMENT	STA 1+00.00 TO STA 4+48.00	8"	--	573.00
38	C-36	KONA WAY AND EASEMENT	STA 1+00.00 TO STA 2+53.00	15"	--	348.00
39	C-37	BESSEMER PATH AND ARMADA TERRACE EASEMENT	STA 1+00.00 TO STA 2+74.00	6"	--	153.00
40	C-38	GOLDEN PARK AVE AND EASEMENTS	STA 1+00.00 TO STA 4+30.00	8"	--	174.00
41	C-39	GOLDEN PARK AV AND BANGOR ST	STA 1+00.00 TO STA 2+96.00	8"	--	330.00
42	C-40	GOLDEN PARK AV AND ARMADA TERRACE EASEMENTS	STA 1+00.00 TO STA 3+79.00	6"	--	196.00
43	C-41	GOLDEN PARK AV AND BANGOR ST	STA 1+00.00 TO STA 3+08.00	8"	--	279.00
44	C-42	BESSEMER ST	STA 1+00.00 TO STA 6+00.00	8"	--	208.00
45	C-43	ROSECRANS ST	STA 1+00.00 TO STA 6+00.00	8"	--	500.00
46	C-44	ROSECRANS ST	STA 1+00.00 TO STA 10+41.00	8"	--	441.00
47	C-45	SAN ANTONIO PL AND SCOTT ST	STA 1+00.00 TO STA 5+07.00	6"	--	407.00
48	C-46	SCOTT ST	STA 1+00.00 TO STA 3+77.00	6"	--	277.00
49	C-47	TALBOT ST AND UPSHUR ST	STA 1+00.00 TO STA 5+32.00	8"	--	432.00
50	C-48	LIGGETT DR	STA 1+00.00 TO STA 2+19.00	8"	--	119.00
51	C-49	ALEXANDRIA DR AND GARRISON ST	STA 1+00.00 TO STA 2+19.00	8"	--	119.00
52	C-50	SAVOY CIR	STA 1+00.00 TO STA 6+01.00	6"	--	501.00
53	C-51	NIAGARA AVE	STA 1+00.00 TO STA 3+83.00	8"	--	283.00
54	C-52	SOTO ST AND FENELON ST	STA 1+00.00 TO STA 7+00.00	8"	--	600.00
55	C-53	ADAIR ALLEY AND EMERSON ST	STA 7+00.00 TO STA 13+20.00	8"	--	620.00
56	C-54	VENICE ST	STA 1+00.00 TO STA 4+42.00	8"	--	342.00
57	C-55	MUIR AVE AND ALLEY	STA 1+00.00 TO STA 3+18.00	8"	--	218.00
58	C-56	LONG BRANCH AVE AND MUIR AVE	STA 1+00.00 TO STA 6+04.00	8"	--	504.00
59-63	C-57/C-61	REPLUMB DETAILS	STA 1+00.00 TO STA 4+45.00	8"	--	345.00
64-66	C-62/C-64	SURVEY MONUMENT SHEET	STA 1+00.00 TO STA 2+43.00	8"	--	143.00
67	C-65	CITY FORCES	STA 1+00.00 TO STA 7+90.00	8"	--	690.00
68	C-66	ABANDONMENT	STA 1+00.00 TO STA 4+89.00	8"	--	389.00
69-70	C-67/C-68	STREET RESURFACING	STA 1+00.00 TO STA 3+58.00	8"	--	258.00
71-72	C-69/C-70	CURB RAMP LOCATION	STA 1+00.00 TO STA 3+34.00	8"	--	234.00
		WATER POLLUTION CONTROL PLAN	STA 1+00.00 TO STA 2+54.00	10"	--	154.00
		TRAFFIC CONTROL PLANS	STA 1+00.00 TO STA 3+45.00	8"	--	245.00
			STA 1+00.00 TO STA 6+09.00	8"	--	509.00
			STA 1+00.00 TO STA 4+07.00	8"	--	307.00
			STA 1+00.00 TO STA 3+23.00	8"	--	223.00
			STA 1+00.00 TO STA 2+87.00	8"	--	187.00
				TOTAL WATER		17253.00
				TOTAL SEWER		13053.00

DISCIPLINE CODE

- G GENERAL
C CIVIL
T TRAFFIC CONTROL

WORK TO BE DONE

CONSTRUCTION OF SEWER AND AC WATER GROUP 1034 CONSISTS OF THE INSTALLATION OF 7,039 LF OF NEW WATER MAIN, REPLACEMENT OF 10,043 LF OF AC AND CCL, INCLUDING ASSOCIATED WATER SERVICES, FIRE HYDRANTS, AND APPURTENANCES. ABANDONMENT OF 9,948 LF OF EXISTING WATER MAINS. IT ALSO INCLUDES INSTALLATION OF 1,660 LF OF NEW SEWER, REPLACEMENT IN PLACE OF 8,152 LF OF CP AND VC SEWER MAIN AND PIPE BURSTING OF 473 LF. REHABILITATION OF 2,324 LF OF VC AND ABANDONMENT OF 1,707 LF OF EXISTING VC, INCLUDING ASSOCIATED SEWER LATERALS, AND MANHOLES AND 35 REPLUMBS WILL BE INSTALLED.



VICINITY MAP
NOT TO SCALE

EXISTING STRUCTURES

EX WATER MAIN & VALVES	---
EX WATER METER	---
EX FIRE HYDRANT	---
EX SEWER MAIN & MANHOLES	---
EX DRAINS	---
EX AC PAVEMENT (PROFILE)	---
EX CONCRETE PAVEMENT (PROFILE)	---
EX GROUND LINE (PROFILE)	---
EX TRAFFIC SIGNAL	---
EX STREET LIGHT	---
GAS MAIN	---
ELEC. COND., TEL. COND., CATV	---
RAILROAD, TROLLEY TRACKS	---

FIELD DATA

TOPOGRAPHY SOURCE: BASE ON FIELD PERFORMED BY CITY OF SAN DIEGO DIVISION 12-07-2017 TOWILL FILE NO. 15101-110 (SITES: 1, 2, 3, 4, 5, 6 AND 7).
BENCHMARK: NEBP KELLOGG AND SAN GORGONIO (PT# 50) Elev. 123.654 MSL. Based on NGVD 29 FEET AS SHOWN IN THE CITY OF SAN DIEGO BENCH BOOK.
FIELD NOTES: C-1 1017 SITE 1, DAVIS, 08/18/2016, 202-1698 HARBOR DRIVE PIPELINE, 11/18/2009, A. DAVIS, 202-1695, WBS: 5-00019
BASIS OF BEARING / COORDINATES: GPS POINT ELEVATION 10.78, 1844844.17-6271176.83
STREETS REQUIRING 12' TRENCH CAP: CATALINA BL, N HARBOR DR, ROSECRANS ST, SAN ANTONIO AVE.

AS-BUILT INFORMATION	
MATERIALS	MANUFACTURER
PIPE CL 235 (WATER)	-
PIPE SDR 35 (SEWER)	-
GATE VALVES	-
FIRE HYDRANTS	-
SEWER MANHOLES	-
REHABILITATE SEWER MANHOLES	-
REHABILITATE SEWER MAIN	-

CONSULTANT	
COMPANY NAME	
COMPANY ADDRESS	
COMPANY PHONE NUMBER	
COMPANY EMAIL	
DATE OF SIGNING	

IMPROVEMENTS

- TRENCH RESURFACING
SEWER MAIN
SEWER MANHOLE/PVC LINED
REHAB. EX. SEWER MANHOLE
SEWER MAIN REHAB.
4' SEWER LATERAL WITH C.O. UNLESS OTHERWISE SPECIFIED

REFERENCE

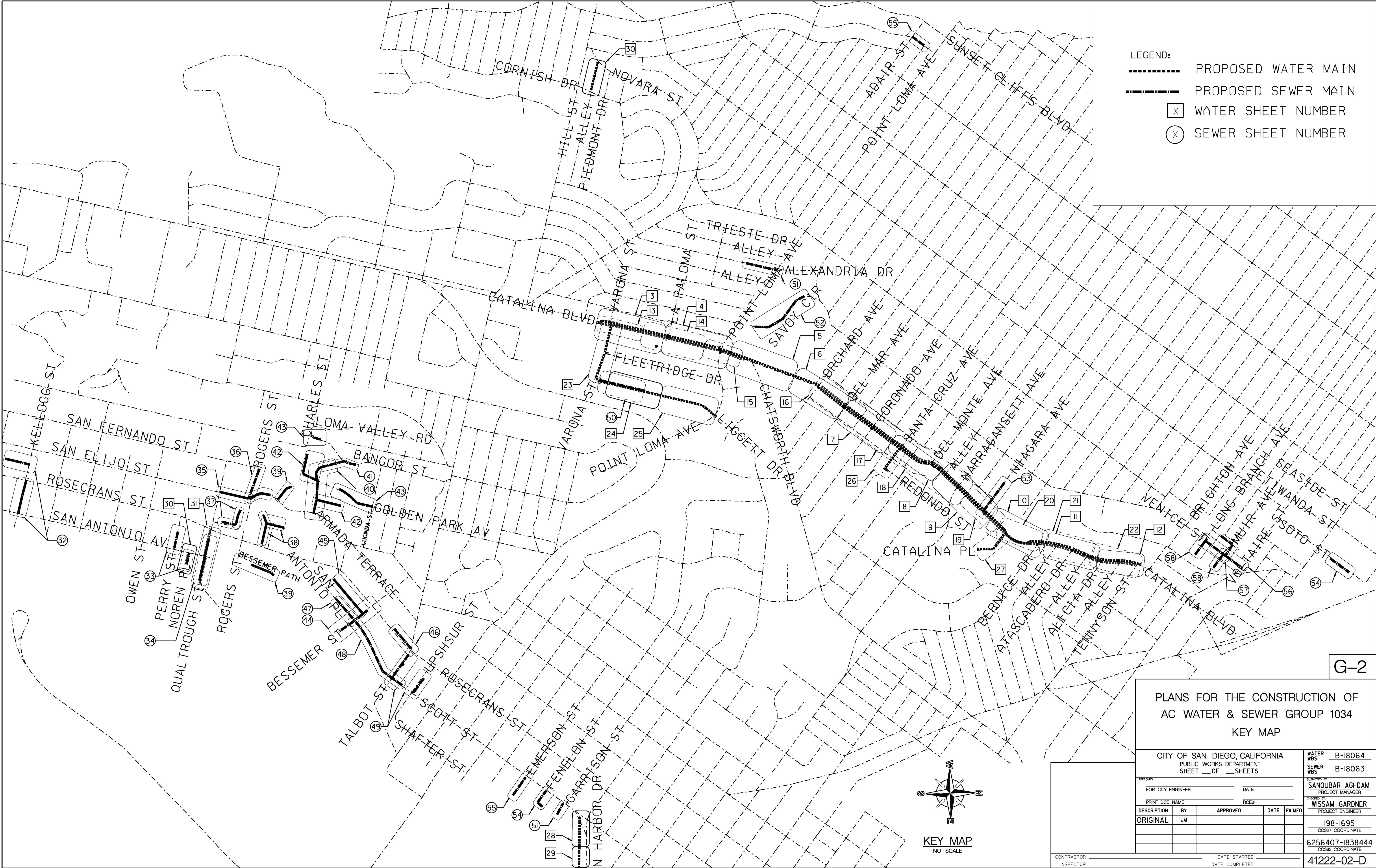
- SDG-107, SDG-108
SDS-101, SDS-110 (TYPE C)
SEE PLANS & SPECS
SEE PLANS & SPECS
SDS-102, SDS-103, SDS-104, SDS-105, SDS-110 (TYPE C), SDS-118
SDS-102, SDS-103, SDS-104, SDS-105, SDS-110 (TYPE C), SDS-118

SYMBOL

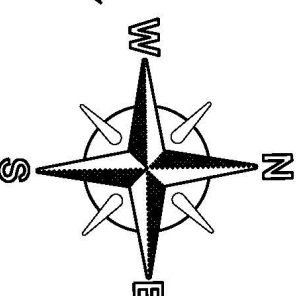
- REPLUMB SEWER LATERAL WITH C.O.
SEWER LATERAL CONNECTION
REHAB SEWER LATERAL (LINED) WITH C.O.
SERVICE LATERAL CONNECTION TO REHABILITATED SEWER
SEWER PUMP INCLUDING REPLUMB SEWER LATERAL WITH C.O.
TUNNEL SEWER REPLUMB LATERAL WITH C.O.
CONCRETE PROTECTION FOR EXIST SEWER PIPE
PIPE SUPPORT FOR UNDERCUT AC WATER MAIN
CONCRETE ENCASEMENT
ABANDON EX MANHOLE
SLURRY FILL ABANDONED SEWER MAIN
CUTTING AND PLUGGING ABANDONED WATER MAIN
SURVEY MONUMENT
WATER MAIN & APPURTENANCES
VALVES WITH CAPS AND WELLS
FIRE SERVICE CONNECTION & ASSEMBLY
6" FIRE HYDRANT ASSEMBLY & MARKER 2-PORT UNLESS SPECIFIED AS 3-PORT
1" WATER SERVICE UNLESS OTHERWISE SPECIFIED
WATER SERVICE TRANSFER
BLOW-OFF ASSEMBLY
AIR & VACUUM VALVE
HIGHLINING BY CONTRACTOR
FOR ADDITIONAL SYMBOLS SEE RESURFACING, CURB RAMP AND TRAFFIC CONTROL SHEETS.

PLANS FOR THE CONSTRUCTION OF AC WATER & SEWER GROUP 1034 COVER SHEET

SPEC. NO.	XXXX	CITY OF SAN DIEGO, CALIFORNIA ENGINEERING & CAPITAL PROJECTS DEPARTMENT SHEET XX OF YY SHEETS	WATER WBS B-18064 SEWER WBS B-18063
APPROVED	FOR CITY ENGINEER	DATE	SUBMITTED BY SANOUBAR AGHDAM PROJECT MANAGER
PRINT DGE NAME	BY	APPROVED	CHECKED BY WISSAM GARDNER PROJECT ENGINEER
DESCRIPTION	ORIGINAL	DATE	SEE EACH SHEET CCS27 COORDINATE
			SEE EACH SHEET CCS83 COORDINATE
CONTRACTOR		NTP DATE	41222-01-D
INSPECTOR		NOC DATE	



- LEGEND:
- PROPOSED WATER MAIN
 - PROPOSED SEWER MAIN
 - [X] WATER SHEET NUMBER
 - (X) SEWER SHEET NUMBER



KEY MAP
NO SCALE

PLANS FOR THE CONSTRUCTION OF
AC WATER & SEWER GROUP 1034
KEY MAP

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET ___ OF ___ SHEETS				WATER WBS B-18064 SEWER WBS B-18063	
APPROVED FOR CITY ENGINEER _____ DATE _____				SUBMITTED BY SANOUBAR AGHDAM PROJECT MANAGER	
PRINT DCE NAME _____ RCE# _____				CHECKED BY WISSAM GARDNER PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED	
ORIGINAL	JM				
CONTRACTOR _____				DATE STARTED _____	
INSPECTOR _____				DATE COMPLETED _____	
				6256407-1838444 CCSB3 COORDINATE	
				41222-02-D	

SEWER & AC WATER GROUP 1034

G-2