

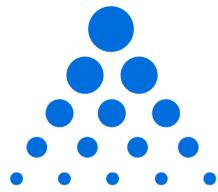


VICINITY MAP
N.T.S.

LEGEND

BLOCK SYMBOL	DESCRIPTION
DS	DOMESTIC SERVICE
FH	FIRE HYDRANT
FS	FIRE SERVICE
IRR	IRRIGATION SERVICE
①	STREET ADDRESS
②	PROPOSED 6" FIRE HYDRANT
③	EXISTING 6" FIRE HYDRANT
④	EXISTING 4" FIRE HYDRANT
↑	AIR VACUUM RELEASE VALVE
— —	PROPOSED PIPE CAP
— —	EXISTING PIPE CAP
— —	PROPOSED COUPLING
— —	EXISTING COUPLING
●	PIPELINE FLUSH OUT
●	PROPOSED GATE VALVE
○	EXISTING GATE VALVE
→←	INVERT
○	EXISTING MANHOLE
▶	PROPOSED REDUCER
▷	EXISTING REDUCER
---	EASEMENT
---	GSWC PROPOSED WATER MAIN
---	GSWC EXISTING WATER MAIN
---E(AB)---	ABANDONED UTILITY (EX.: ELECTRIC)
---	EXISTING ELECTRIC
---	EXISTING FIBER OPTIC
---	EXISTING GAS
---	EXISTING OVERHEAD UTILITY
---	EXISTING MWD
---	EXISTING OIL
---	EXISTING RECLAIMED WATER
---	EXISTING SEWER
---	EXISTING STORM DRAIN
---	EXISTING STREET LIGHT
---	EXISTING TELEPHONE
---	EXISTING TRAFFIC SIGNAL
---	EXISTING CABLE/TELEVISION
---	EXISTING UNKNOWN UTILITY

ADD CONSULTANT
LOGO IF DESIGNED BY
CONSULTANT



Golden State Water Company

A Subsidiary of American States Water Company

PROJECT NAME PROJECT LOCATION 1-4" DS, 1-1" IRR., & 1-6" FS CULVER CITY, CALIFORNIA



INTEROFFICE MEMORANDUM

DATE: December 17, 2009
TO: Public Works Division Staff and Contractors
FROM: Charles D. Herbertson, Public Works Director/City Engineer
SUBJECT: Holiday Slowdown Policy
CC:

In order to promote vehicular and pedestrian access to the retail and commercial centers during the holiday season, the following Holiday Slowdown periods shall be observed in which work in the public right-of-way shall be prohibited:

A. Those commercial streets identified as Primary and Secondary Arteries in the City's Circulation Element of the General Plan.

- The week of Thanksgiving.
- Seven (7) calendar days prior to and including Christmas day.
- The week between Christmas day and New Years day.

B. Those residential streets identified as Local Streets and Neighborhood Feeders in the City's Circulation Element of the General Plan.

- The day before Thanksgiving through the Thanksgiving weekend.
- Christmas Eve, Christmas day, and the day after Christmas. If Christmas falls on a weekend, then work shall be prohibited on the Friday before Christmas and the Monday after Christmas.
- New Years Eve and New Years day. If New Years falls on a weekend, then work shall be prohibited on the Friday before New Years.

During the slowdown, each job site shall be maintained in a clean and safe manner.

Any deviation from the Holiday Slowdown shall be approved by the City Engineer.

Approved By: Charles D. Herbertson

City Engineer RCE 46658 Date 12/17/2009

9770 CULVER BOULEVARD CULVER CITY, CA 90232-0507

ASSET RETIREMENTS

NO.	DESCRIPTION	W.O./YEAR	ESTIMATED QUANTITY	UNIT	ACTUAL QUANTITY

LIST OF DRAWINGS

SHEET	DRAWING	DESCRIPTION
1	T-1	TITLE SHEET
2	P-1	PLAN

CITY OF ARTESIA AND CULVER CITY REQUIRE ADDITIONAL NOTES

CULVER CITY GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AND ANY AMENDMENTS THERETO, OTHER CITY STANDARDS, AND TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR/CITY ENGINEER.
- CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO THE START OF WORK.
- TRAFFIC CONTROL SHALL BE PER THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND TO THE SATISFACTION OF THE PUBLIC WORKS INSPECTOR.
- CONTRACTOR SHALL CALL FOR INSPECTION AT 310-253-5600 AT LEAST 48 HOURS IN ADVANCE. FAILURE TO SO NOTIFY IS CAUSE OF REVOCATION OF PERMIT.
- TEMPORARY NO PARKING SIGNS SHALL BE POSTED AT LEAST 48 HOURS IN ADVANCE PRIOR TO START OF WORK IN AREAS ONLY WHERE WORK IS BEING PERFORMED.
- ALL PAVEMENT STRIPING, LEGENDS, ETC. REMOVED AS PART OF CONSTRUCTION, SHALL BE REPLACED TO THE SATISFACTION OF THE CITY'S TRAFFIC MANAGER.
- THE APPLICANT SHALL BE RESPONSIBLE FOR THE EXPENSE AND REPAIR OR REPLACE ANY DAMAGE TO THE PUBLIC RIGHT-OF-WAY, TO INCLUDE EXISTING TRAFFIC LOOPS, SIGNAL, LIGHTING, ELECTRICAL SYSTEMS, AND UNDERGROUND INSTALLATIONS (WHETHER OR NOT PHYSICALLY MARKED OR SHOWN ON THE CONTRACT PLANS), DAMAGED CAUSED BY THE CONSTRUCTION OF THE PROPOSED WORK OR PROJECT. SUCH REPAIRS OR REPLACEMENT SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY ENGINEER.
- SIDEWALK RECONSTRUCTION/REPAIR SHALL BE FORMED FROM SCORE LINE TO SCORE LINE.
- WORK SHALL BE FROM 9:00 AM TO 3:00 PM WEEKDAYS ON MAJOR STREETS AND 8:00 AM TO 5:00PM WEEKDAYS ON LOCAL STREETS, UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
- PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE EVIDENCE OF HAVING A CULVER CITY BUSINESS TAX CERTIFICATE, \$1,000,000 WORKMAN'S COMPENSATION INSURANCE, AND COMPREHENSIVE GENERAL LIABILITY INSURANCE IN THE SUM OF \$2,000,000 AGGREGATE AND \$1,000,000 PER OCCURRENCE NAMING THE CITY AND ITS OFFICERS AND AGENTS AS ADDITIONAL INSURED.
- DIG ALERT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF EXCAVATION.
- FINAL TRENCH PAVING SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY'S PUBLIC WORKS INSPECTOR.
- THE PROJECT WORK AREA SHALL BE KEPT CLEAN, SAFE, AND SANITARY CONDITION. AT THE END OF EACH WORK DAY, THE PROJECT WORK AREA SHALL BE SWEEPED BY MANUAL OR MECHANICAL MEANS TO THE SATISFACTION OF THE CITY'S PUBLIC WORKS DIRECTOR/CITY ENGINEER, OR HIS/HER DESIGNEE.
- TO MINIMIZE INCONVENIENCE TO TRAFFIC AND THE PUBLIC IN GENERAL, THE CONTRACTOR SHALL SCHEDULE THE CONCRETE PLACEMENT AND/OR ROADWAY PAVEMENT TO BE COMPLETED NO LATER THAN TWO (2) DAYS AFTER THE REMOVAL OPERATIONS, UNLESS APPROVED BY PUBLIC WORKS INSPECTOR. SAFE AND ADEQUATE PEDESTRIAN AND VEHICULAR MOVEMENT AT AND AROUND ALL CONSTRUCTION SITES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES. APPROVED BARRIERS AND SIGNS (TRAFFIC FLAGGING PERSONNEL, IF NECESSARY) SHALL BE FURNISHED AND UTILIZED BY THE CONTRACTOR TO ENSURE PUBLIC SAFETY AT ALL TIMES.
- THE CONTRACTOR SHALL NOT DISCHARGE OR PERMIT TO BE DISCHARGED TO ANY STREET, STORM DRAIN, OF ANY APPURTENANCE THEREOF, ANY NON-RAIN WATER OR OTHER LIQUID FROM THE PROJECT SITE OF OPERATIONS PERTAINING TO THE PROJECT SITE, PER NPDES REGULATIONS AND CITY'S STORM WATER POLLUTION ORDINANCE SECTION 5.02.500 ET SEQ.
- CATCH BASINS WITHIN 50 FEET OF WORK AREA SHALL BE PROTECTED WITH PERMEABLE FABRIC AND SANDBAGS PRIOR TO COMMENCING WORK.
- STOCKPILING OF MATERIAL OR EQUIPMENT IN THE PUBLIC RIGHT-OF-WAY IS PROHIBITED UNLESS AUTHORIZED BY THE CITY'S PUBLIC WORKS DIRECTOR/CITY ENGINEER OR HIS/HER DESIGNEE.
- NO STAGING OF CONSTRUCTION MATERIALS OR CONSTRUCTION VEHICLES ALONG PUBLIC RIGHT-OF-WAY UNLESS AUTHORIZED BY THE CITY'S PUBLIC WORKS DIRECTOR/CITY ENGINEER OR HIS/HER DESIGNEE.
- CONSTRUCTION VEHICLES SHALL NOT BE PARKED OVER NIGHT OR DURING NON-OPERATIONAL HOURS ON THE PUBLIC RIGHT-OF-WAY.
- ALL TEMPORARY TRENCH PLATES SHALL BE FLUSH WITH ADJACENT STREET PAVEMENT AND SECURED TO THE SATISFACTION OF THE PUBLIC WORKS INSPECTOR.

GENERAL NOTES:

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE GOLDEN STATE WATER COMPANY (GSWC) STANDARD DRAWINGS AND SPECIFICATIONS.
- SHUT DOWN FOR TIE-INS SHALL BE SCHEDULED DURING NORMAL WORKING HOURS UNLESS MODIFIED BY THE PERMIT CONDITIONS, SPECIFICATIONS OR DRAWINGS.
- WORKING HOURS SHALL BE FROM 8:00 AM TO 5:00 PM OR AS REQUIRED BY THE CITY OF CULVER CITY.
- PRIOR TO THE ACCEPTANCE OF THE WATER SYSTEM BY GSWC, ONE SET OF "AS-BUILT" PLANS SHALL BE SUBMITTED TO GSWC BY THE CONTRACTOR. CONTRACTOR'S "AS-BUILT" SHALL PROVIDE A THREE-WAY TIEBACK DIMENSION FROM STATIONED OBJECTS, SUCH AS A FIRE HYDRANT, MANHOLE & DRAINAGE INLET TO EACH SERVICE, UNDERGROUND VALVE AND PIPE FITTING.
- TRENCHING, EXCAVATION, BEDDING, AND BACKFILL SHALL BE AS PER GSWC STANDARDS. PAVEMENT REPLACEMENT SHALL BE AS PER THE REQUIREMENTS OF THE CITY OF CULVER CITY.
- WORK SHALL CONFORM TO THE FOLLOWING THE CITY OF CULVER CITY STANDARDS AND DETAILS FOR ANY CONCRETE REPAIR WORK (CURB, GUTTER, SIDEWALK, ETC.).
- PROPOSED DUCTILE IRON PIPE FITTINGS SHALL BE MECHANICAL JOINT (MJ) UNLESS OTHERWISE NOTED ON DRAWINGS.
- ALL FITTINGS, VALVES AND EXPOSED METALLIC PARTS SHALL BE ENCASED WITH 8 MIL THICK POLYETHYLENE. POLYETHYLENE ENCASEMENT SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND AWWA STANDARD C105.
- THE CAPITAL PROGRAM ENGINEER SHALL BE NOTIFIED TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION TO SCHEDULE INSPECTION SERVICES. THE CAPITAL PROGRAM ENGINEER OR HIS DESIGNATED INSPECTOR OF RECORD SHALL BE NOTIFIED IMMEDIATELY OF ANY CONFLICTS WITH THE PUBLIC WATER SYSTEM DURING THE CONSTRUCTION OF THIS PROJECT.
- THE GOLDEN STATE WATER COMPANY IS A MEMBER OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF U.S.A. TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION BY CALLING THE TOLL-FREE NUMBER 811.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO MATCH PRE-CONSTRUCTION CONDITION OR BETTER AFTER COMPLETION OF THE PROJECT.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS, AND THE ACCURACY OR COMPLETENESS OF THE UTILITIES IS NOT GUARANTEED. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION, SO THAT ANY NECESSARY ADJUSTMENT CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. COMMENCEMENT OF WORK SHALL CONSTITUTE FULL ACCEPTANCE OF EXISTING SITE CONDITIONS. ANY DISCREPANCIES FOUND OR ANY DETAILS NOT SHOWN ON THE DRAWINGS SHALL BE RECORDED ON THE AS-BUILTS AND REPORTED TO THE ENGINEER. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURE TO PROTECT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION OF EXISTING WATER MAIN TIE-IN LOCATIONS TO VERIFY PIPE SIZE, TYPE & LOCATION BEFORE START OF CONSTRUCTION WORK AND SHALL HAVE ALL REQUIRED PIPE MATERIALS, VALVES & APPURTENANCES NEEDED FOR THE WORK.
- CONTRACTOR SHALL PROVIDE MINIMUM OF 5 WORKING DAYS OF ADVANCE NOTICE TO GSWC PRIOR TO PERFORMING THE PIPELINE TIE-IN WORK AND SHALL COORDINATE ITS CONSTRUCTION ACTIVITIES WITH GSWC STAFF.
- CONTRACTOR SHALL NOT BLOCK DRIVEWAYS AND MUST MAKE PROVISIONS TO ENSURE THAT HOMEOWNERS CAN ENTER AND EXIT THEIR DRIVEWAYS DURING CONSTRUCTION.
- EXISTING SERVICES SHALL NOT BE INTERRUPTED. ABANDONMENT OF OLD SERVICE SHALL BE DONE WHEN THE NEW PIPELINE IS IN SERVICE TO AVOID SERVICE INTERRUPTION.
- CONTRACTOR MUST MEET ALL CAL/OSHA AND CAL/EPA REQUIREMENTS, GSWC SPECIFICATION SECTION 6000, SUB SECTION 24E, AND AWWA WORK PRACTICES FOR ASBESTOS-CEMENT PIPE OPERATIONS. ALL REMOVED A.C. PIPE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS. CONTRACTOR SHALL PROVIDE THE GSWC INSPECTOR WITH PAPER CUSTODY TRAIL DOCUMENTATION OF DISPOSAL.
- CONTRACTOR SHALL REMOVE ALL USA MARKINGS AT THE COMPLETION OF THE PROJECT.
- EXISTING CONCRETE CROSS GUTTER TO BE PROTECTED IN PLACE. CONTRACTOR SHALL TUNNEL UNDER ALL CURBS AND GUTTERS AND PROVIDE SLURRY BACKFILL TO MAINTAIN INTEGRITY. ANY DAMAGED CONCRETE WORK INCLUDING BUT NOT LIMITED TO SIDEWALK, CURB & GUTTER, WHEEL CHAIR RAMP AND CROSS GUTTER SHALL BE REPLACED BY CONTRACTOR PER LOCAL JURISDICTION REQUIREMENTS.
- THE DEVELOPER SHALL INSTALL AN APPROVED REDUCED PRESSURE PRINCIPAL BACKFLOW ASSEMBLY (LEAD FREE) DOWNSTREAM FROM THE DOMESTIC AND/OR IRRIGATION SERVICE METER PER GSWC STD. DWG. NO. P-35A.
- THE DEVELOPER SHALL INSTALL AN APPROVED DOUBLE CHECK DETECTOR ASSEMBLY DOWNSTREAM FROM THE FIRE SERVICE LEAD PER GSWC STD. DWG. NO. P-35B.
- CONTRACTOR SHALL REPLACE DAMAGED TRAFFIC LOOPS AFFECTED BY THE PROJECT PER THE REQUIREMENTS OF THE CITY OF CULVER CITY.
- THE DEVELOPER OR HIS AUTHORIZED REPRESENTATIVE SHALL VERIFY THE LOCATIONS OF PROPOSED SERVICES IN THE FIELD AND COORDINATE WITH GSWC REPRESENTATIVE PRIOR TO INSTALLATION.



THIS PLAN WAS PREPARED BY THE STAFF OF GSWC ENGINEERING DESIGN. ENGINEERING DESIGN MADE A REASONABLE REVIEW OF AVAILABLE RECORDS AND A VISUAL INSPECTION OF THE PROJECT AREA TO COMPLETE THE INFORMATION GIVEN HEREON INCLUDING THE EXISTENCE AND LOCATION OF SUBSTRUCTURES AND UNDERGROUND UTILITY PIPES. HOWEVER GSWC DOES NOT WARRANTY THE INFORMATION GIVEN HEREON.

THE CONTRACTOR, IN ADDITION TO COMPLYING WITH THE PROCEDURES OF UNDERGROUND SERVICE ALERT, IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT THE ABOVE AND BELOW GROUND STRUCTURES IN THE VICINITY OF THE PROJECT.

NO.	BY:	DATE:	REVISION:	APPROVED DATE:

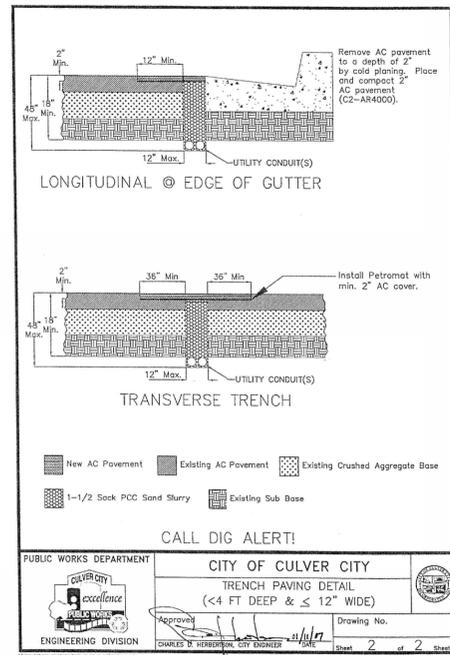
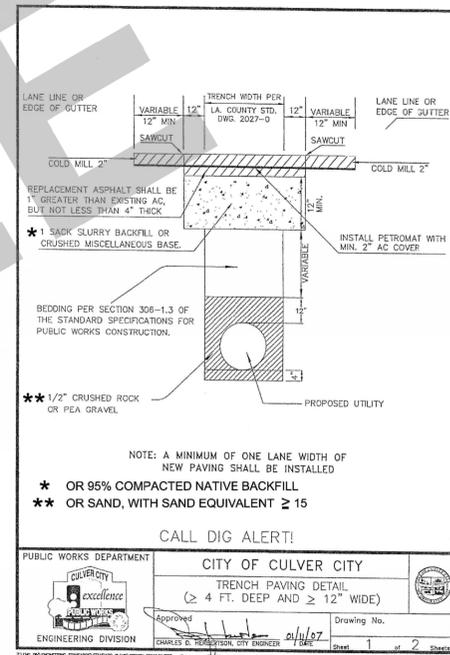
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THOMAS GUIDE PAGE COORD	SCALE: N.T.S. PROCESSED TAX CODE NO.	DESIGN BY: NAME DATE: MM/DD/YYYY
DISTRICT: CENTRAL	AS-BUILT RECORDS BY: NAME DATE: MM/DD/YYYY	FIELD CHECK & SERVICE SURVEY BY: NAME DATE: MM/DD/YYYY
SYSTEM: CULVER CITY	REVIEWED & APPROVED BY:	DATE: R.C.E. NO.

PROJECT TITLE: PROJECT_LOCATION	PROJECT TITLE: 1-4" DS, 1-1" IRR., & 1-6" FS
JURISDICTION: CULVER CITY	SHEET NUMBER: 1 OF 2 SHEET(S)
DWG NO: T-1	W.O. 236XXXXX
TITLE SHEET	FRANCHISE_NO

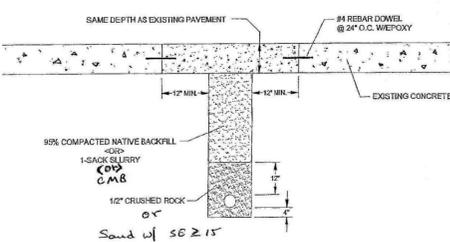
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SHOW AND CALLOUT ALL EXISTING AND PROPOSED UTILITIES IN PUBLIC RIGHT OF WAY

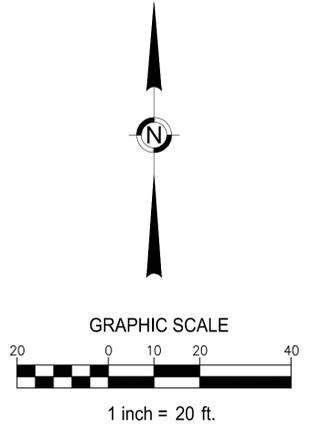
ALL PROPOSED AND EXISTING STORM DRAIN, SEWER, AND OIL LINES SHALL INCLUDE COVER. IF PROPOSED WATER IS REQUIRED TO GO UNDER, A DDW WAIVER WILL BE REQUIRED.



CITY OF CULVER CITY
TRENCH PAVING DETAIL FOR CONCRETE PAVEMENT



- CONSTRUCTION NOTES:**
- (58) INSTALL "MAIN SIZE" x 4" TAPPING SLEEVE WITH 4" F.E.x.M.J. TAPPING VALVE AND THRUST BLOCK PER GSWC STD. DWG. NO. P-23.
 - (103) INSTALL 1" IRRIGATION SERVICE PER GSWC STD. DWG. NO. P-25, P-26 AND P-35A.
 - (109) INSTALL 4" DOMESTIC SERVICE WITH 3" METER WITH BYPASS WITH VAULT AND TRAFFIC RATED LID PER GSWC STD. DWG. NO. P-30.
 - (121) ABANDON EXISTING SMALL SIZE DOMESTIC SERVICE AND REMOVE METER BOX PER SPECIFICATIONS.



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NO.	BY:	DATE:	REVISION	APPROVED BY:	DATE:

BUDGET YEAR	2018	SYSTEM MAP NO.	SYS - NNN
THOMAS GUIDE	PAGE COORD	SCALE:	1"=20'
DISTRICT:	CENTRAL	AS-BUILT RECORDS	BY: DATE:
SYSTEM:	CULVER CITY	REVIEWED & APPROVED BY:	DATE:

DRAWING PREPARED BY:	NAME	DATE:	MM/DD/YYYY
DESIGN BY:	NAME	DATE:	MM/DD/YYYY
FIELD CHECK & SERVICE SURVEY BY:	NAME	DATE:	MM/DD/YYYY
R.C.E. NO.			

Golden State Water Company

A Subsidiary of American States Water Company
1920 WEST CORPORATE WAY, ANAHEIM, CA 92801
PHONE: (714) 535-7711 FAX: (714) 535-8685

PROJECT TITLE:	PROJECT_LOCATION	14" DS, 1-1" IRR., & 1-6" FS
JURISDICTION:	CULVER CITY	
DWG NO.:	P-1	SHEET NUMBER: 2 OF 2 SHEET(S)
DWG DESC:	PLAN	W.O. 236XXXXX
FRANCHISE NUMBER:	FRANCHISE_NO	

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