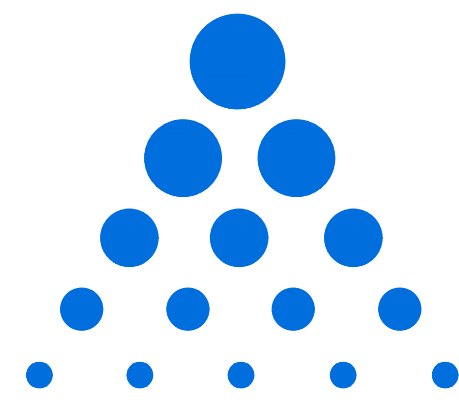


VICINITY MAP  
N.T.S.

**LEGEND**

BLOCK SYMBOL	DESCRIPTION
DS	DOMESTIC SERVICE
FH	FIRE HYDRANT
FS	FIRE SERVICE
IRR	IRRIGATION SERVICE
①2345	STREET ADDRESS
⑥	PROPOSED 6" FIRE HYDRANT
⑥	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)
E	EXISTING ELECTRIC
FO	EXISTING FIBER OPTIC
G	EXISTING GAS
OH	EXISTING OVERHEAD UTILITY
MWD	EXISTING MWD
OIL	EXISTING OIL
RCW	EXISTING RECLAIMED WATER
S	EXISTING SEWER
SD	EXISTING STORM DRAIN
SL	EXISTING STREET LIGHT
TEL	EXISTING TELEPHONE
TS	EXISTING TRAFFIC SIGNAL
TV	EXISTING CABLE/TELEVISION
UNK	EXISTING UNKNOWN UTILITY

ADD CONSULTANT LOGO



# Golden State Water Company

A Subsidiary of American States Water Company

CITY OF ARTESIA AND CULVER CITY REQUIRE ADDITIONAL NOTES

## TRACT XXXX PROJECT LOCATION 28-1" DS, 2-2" IRR, & 5-6" FH CITY OF XXXX, CALIFORNIA

**CITY OF SAN DIMAS  
GENERAL PUBLIC WORKS CONDITIONS FOR PERMIT NO. \_\_\_\_\_  
All Conditions Apply Unless Otherwise Noted**

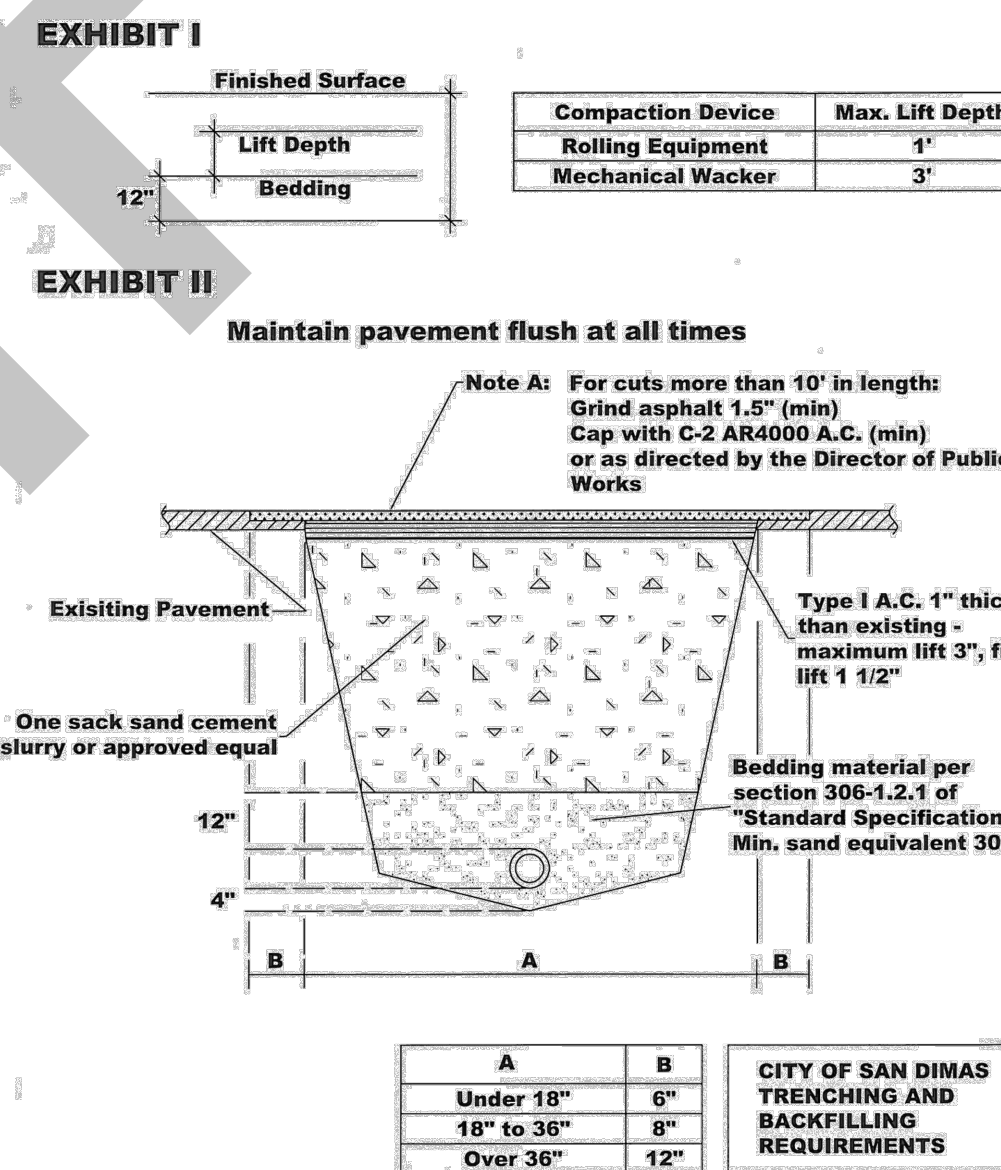
**THE PERMITTEE SHALL:**

- CALL the Public Works Department at (909) 394-6240 to schedule inspections and to notify us of the date work will start. A **MINIMUM 24-hour notice** required. Permit and permit conditions shall be available at the job site during construction.
- Provide construction warning signs and barricades for public safety according to the MUTCD - Manual of Uniform Traffic Control Devices with California Amendments.
- Post General Liability Insurance for \$2,000,000, naming the CITY OF SAN DIMAS as "ADDITIONAL INSURED," and Worker's Compensation Insurance, showing the City of San Dimas as "Certificate Holder."
- Possess a current State of California Contractors License (Class A or Class C) and City of San Dimas Business License.
- Deposit a \$100.00 barricade deposit to insure proper barricading. This deposit will be refunded approximately one month after the permit is finalized. (Not Applicable).
- Deposit a \$500.00 surety deposit (Cash or Performance Bond) to guarantee his work. This will be refunded one year after the permit is finalized by the City. (Not Applicable).
- Conduct, at their expense, \_\_\_\_\_ compaction tests, at locations determined by the City Engineer.
- Maintain Public right of way (streets, sidewalks, parkways,) free of construction debris. Clean up shall occur as often as necessary to prevent accumulation of debris.
- The construction site shall be maintained to control dust and drainage runoff in accordance with city regulations, **particularly N.P.D.E.S. requirements.**
- Repair all public property to its pre-construction condition prior to final inspection of the construction, and pay for any damage incurred as a result of the issuance of this permit.

**EXCAVATION CONDITIONS:**

- Pavement removals shall be done in accordance with Section 300-1.3 of the Standard Specifications for Public Works Construction, Current Edition.
- Temporary A.C. "cold mix" may be used but must be rolled flush with existing pavement. **Temporary A.C. must be maintained flush at all times, and replaced with permanent A.C. within thirty (30) days.**

**CITY OF SAN DIMAS  
TRENCH RESTORATION DETAIL**



**LIST OF DRAWINGS**

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

CONSULTANT INFORMATION  
DOING THE DESIGN

**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 7:00 AM TO 4:00 PM OR AS REQUIRED BY THE CITY OR COUNTY.
- 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 OR COUNTY.
- WORK SHALL CONFORM TO THE FOLLOWING THE CITY OR COUNTY 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 ON THE DRAWINGS 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 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 OR COUNTY.
- THE DEVELOPER OR HIS AUTHORIZED REPRESENTATIVE SHALL VERIFY THE LOCATIONS OF PROPOSED SERVICES IN THE FIELD AND COORDINATE WITH GSWC REPRESENTATIVE PRIOR TO INSTALLATION.



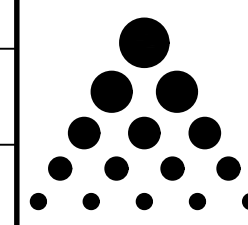
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THE CONTRACTOR, IN ADDITION TO COMPLYING WITH THE PROCEDURES OF UNDERGROUND SERVICE ALERT, IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT THE ABOVE AND BELOW GROUND STRUCTURES IN THE VICINITY OF THE PROJECT.

NO.	BY:	DATE:	REVISION	APPROVED DATE:

CONSULTANT  
ENGINEERS  
STAMP

BUDGET YEAR GROUP: 2016 53	SYSTEM MAP NO: SYS-NNN	DESIGN BY: NAME DATE: MM/DD/YYYY
THOMAS GUIDE PAGE COORD	SCALE: 1"=40'	PROCESSED TAX CODE NO.
DISTRICT: DISTRICT	AS-BUILT RECORDS BY: DATE:	FIELD CHECK & SERVICE SURVEY BY: DATE:
SYSTEM: SYSTEM	REVIEWED & APPROVED BY:	DATE: R.C.E. NO.

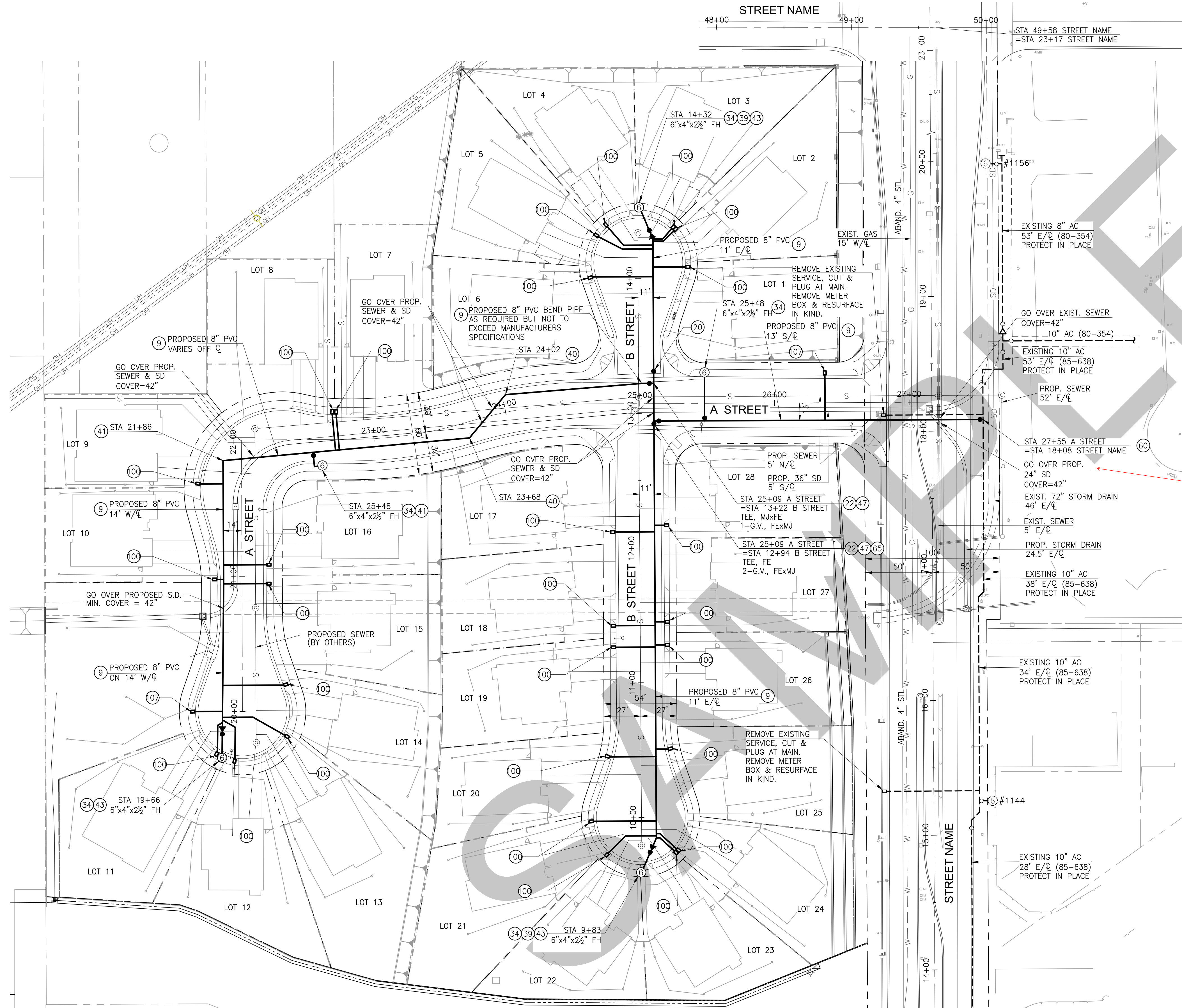


**Golden State Water Company**  
A Subsidiary of American States Water Company  
1920 WEST CORPORATE WAY, ANAHEIM, CA 92801  
PHONE: (714) 535-7711 FAX: (714) 535-8685

PROJECT TITLE:		PROJECT_TITLE
PROJECT_LOCATION		PROJECT_DESCRIPTION
PUBLIC JURISDICTION		T-1
JURISDICTION:	TITLE SHEET	SHEET NUMBER:
DWG NO:	FRANCHISE_NO	1 OF X SHEET(S)
DWG DESC:		W.O.
FRANCHISE NUMBER:		12345678

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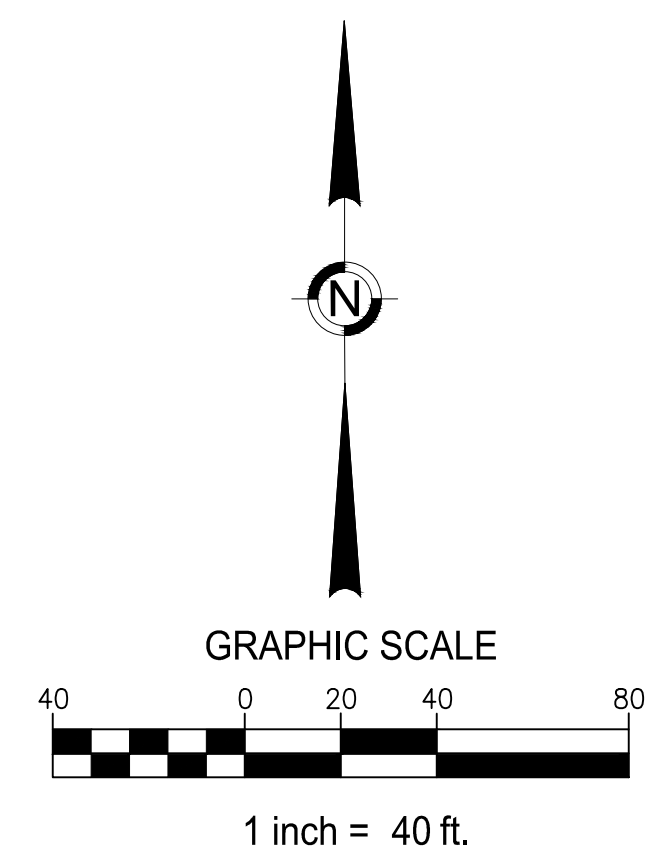


SHOW AND CALLOUT ALL EXISTING AND PROPOSED UTILITIES IN PUBLIC RIGHT OF WAY

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.

**CONSTRUCTION NOTES:**

- 9 INSTALL 8" P.V.C. PIPE PER GSWC STD. DWG. NO. P-3 AND GSWC SPECIFICATIONS.
- 20 INSTALL "MAIN SIZE" M.J. GATE VALVE WITH VALVE BOX TYPE 3 AND ANCHOR (IF APPLICABLE) TO GRADE PER GSWC STD. DWG. NOS. P-32 AND P-43.
- 22 INSTALL "MAIN SIZE" F.E. x M.J. GATE VALVE WITH VALVE BOX TYPE 3 AND ANCHOR (IF APPLICABLE) TO GRADE PER GSWC STD. DWG. NOS. P-32 AND P-43.
- 34 INSTALL STANDARD WET BARREL FIRE HYDRANT ASSEMBLY (SIZE AS SHOWN) PER GSWC STD. DWG. NO. P-8 WITH TRACER WIRE TERMINAL BOX.
- 39 INSTALL "MAIN SIZE" 22 1/2" D.I. BEND WITH THRUST BLOCK PER GSWC STD. DWG. NO. P-18.
- 40 INSTALL "MAIN SIZE" 45" D.I. BEND WITH THRUST BLOCK PER GSWC STD. DWG. NO. P-18.
- 41 INSTALL "MAIN SIZE" 90" D.I. BEND WITH THRUST BLOCK PER GSWC STD. DWG. NO. P-18.
- 43 INSTALL "MAIN SIZE" x 6" D.I. REDUCER WITH THRUST BLOCK PER GSWC STD. DWG. NO. P-18.
- 47 INSTALL "MAIN SIZE" D.I. TEE WITH THRUST BLOCK PER GSWC STD. DWG. NO. P-24.
- 60 INSTALL "MAIN SIZE" x 8" TAPPING SLEEVE WITH 8" F.E.xM.J. TAPPING VALVE AND THRUST BLOCK PER GSWC STD. DWG. NO. P-23.
- 65 INSTALL "MAIN SIZE" D.I. ADAPTER, F.E.xM.J.
- 100 INSTALL 1" DOMESTIC SERVICE WITH 8" METER PER GSWC STD. DWG. NO. P-25 AND P-26.
- 107 INSTALL 2" IRRIGATION SERVICE PER GSWC STD. DWG. NO. P-25, P-27 AND P-35A.



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DWG NO: P-1	PLAN	FRANCHISE NO: FRANCHISE_NO	12345678

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