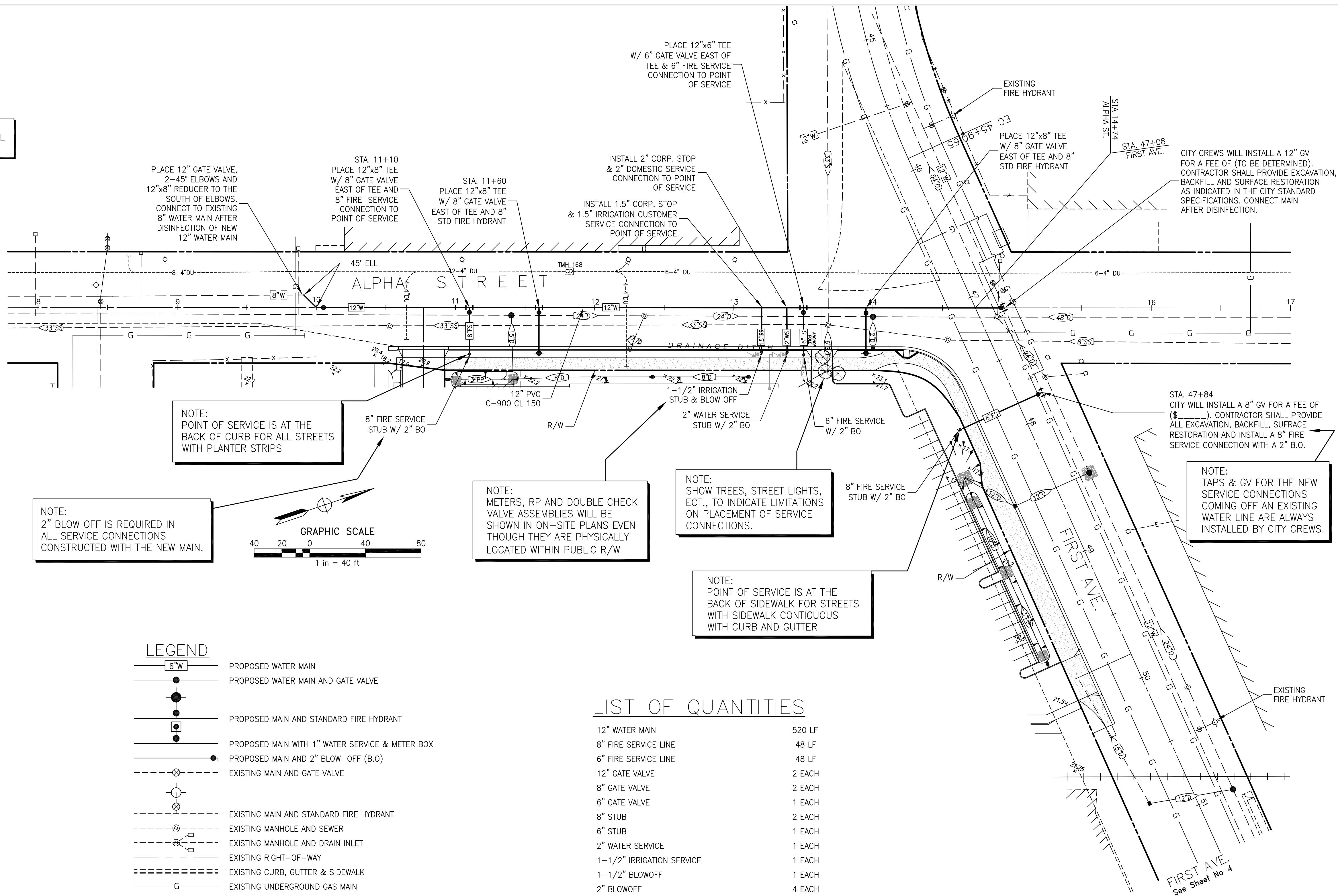


# SAMPLE OFF SITE PLAN #1 WATER MAIN EXTENSION & WATER SERVICE CONNECTIONS

NOTE:  
MANDATORY GENERAL  
WATER NOTES

## GENERAL WATER NOTES:

- WATER MAINS, FITTINGS, GATE VALVES, FIRE HYDRANTS, AND WATER SERVICES SHALL CONFORM TO AND BE INSTALLED IN ACCORDANCE WITH THE CITY OF SACRAMENTO STANDARD SPECIFICATIONS DATED JUNE, 1989.
- THE CITY OF SACRAMENTO STANDARD DRAWINGS HAVE BEEN MODIFIED AND RENUMBERED. CONTRACTOR SHALL BE IN POSSESSION OF THE MOST CURRENT STANDARD WATER DRAWINGS PRIOR TO START OF CONSTRUCTION. FOR COPIES OF NEW STANDARD DRAWINGS AND NEW DRAWING NOS., E-MAIL CYEE@CITYOFSACRAMENTO.ORG.
- THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION SECTION OF THE CITY OF SACRAMENTO ENGINEERING DIVISION AT 808-8300 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK FOR CONSTRUCTION SURVEYS AND THE SCHEDULING OF CONSTRUCTION INSPECTION.
- PRIOR TO BEGINNING ANY EXCAVATION AND TO AVOID CONFLICTS, THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES IN THE AREA OF THE PROPOSED WORK. SUCH EXISTING UTILITIES SHALL INCLUDE, BUT NOT BE LIMITED TO, ELECTRICAL OR TELEPHONE CONDUITS AND CABLES, GAS LINES, WATER MAINS, SEWER AND DRAIN LINES, CABLE TV, ETC.
- A SOLID NO. 10 COPPER WIRE INSULATED WITH HIGH MOLECULAR WEIGHT POLYETHYLENE (HMWPE) (BLUE COLOR ONLY) LOCATING WIRE SHALL BE PLACED WITH ALL PIPES FOR WATER DISTRIBUTION REGARDLESS OF MATERIAL TYPE. SEE SDW-102.
- NOTIFY UNDERGROUND SERVICE ALERT (USA) A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING WORK. (CALL 1-800-642-2444).
- ASTERISK INDICATES CONFLICT WITH STREET LIGHT BASE. WATER SERVICE BOXES SHALL BE 3' CLEAR FROM STREET LIGHT BASE. SEE SDW-401 AND SDW-402.
- WATER SERVICES MAY BE PLACED IN THE SAME TRENCH WHEN ADJACENT TO EACH OTHER EXCEPT IF NOTED WITH AN ASTERISK. TRENCH WIDTH SHALL BE 24" AND WATER SERVICE SHALL BE 16" APART IF PLACED IN THE SAME TRENCH.
- SECTION 10-30(6L) AND SECTION 10-31(3) OF THE STANDARD SPECIFICATIONS SHALL BE AMENDED TO READ, "FIRE HYDRANTS AND VALVES SHALL TURN LEFT (COUNTERCLOCKWISE) TO OPEN" (NORTH OF AMERICAN RIVER ONLY).
- THE CONTRACTOR SHALL SCHEDULE ALL REQUESTS FOR CITY INSTALLED WATER SYSTEM TIE-IN CONNECTIONS OR TAPS, WATER MAIN SHUT DOWNS AND IRRIGATION TAPS WITH THE DEPARTMENT OF PUBLIC WORKS, TECHNICAL SERVICES SECTION. FOR SCHEDULING AND COORDINATION, CALL 808-8300 AT LEAST 14 WORKING DAYS IN ADVANCE.
- EXISTING WATER PIPE, VALVES, STANDPIPES, AND VALVE BOXES TO BE ABANDONED IN PLACE SHALL BE ABANDONED AS FOLLOWS: THE GATE VALVE SHALL BE LEFT IN THE CLOSED POSITION, AND THE STANDPIPE SHALL BE REMOVED WITH VOID FILLED WITH CLASS 2 AGGREGATE BASE OR PEA GRAVEL. OPEN ENDS OF EXISTING PIPE TO BE ABANDONED IN PLACE SHALL BE SEALED WITH TWO FEET OF CONCRETE.
- WITHOUT EXCEPTION, ALL OPENING AND CLOSING OF VALVES ON EXISTING WATER MAINS SHALL BE PERFORMED BY DEPARTMENT OF UTILITIES FIELD PERSONNEL.
- THE CONTRACTOR SHALL PAY ALL FEES FOR IRRIGATION TAPS, IRRIGATION METERS AND CITY INSTALLED WATER SYSTEM TIE-IN, METERS OR TAPS AT THE DEPARTMENT OF UTILITIES CUSTOMER SERVICE SECTION, 1395 35TH AVENUE. FOR ADDITIONAL INFORMATION CONCERNING FEES, CALL 264-5371. DEPARTMENT OF UTILITIES FIELD PERSONNEL SHALL NOT TAP MAINS OR PROVIDE OTHER SERVICE UNTIL ALL FEES HAVE BEEN PAID.
- ALL FEES ARE SUBJECT TO CHANGE. FOR CORRECT FEE INFORMATION, CALL 264-5371.
- EXISTING CITY FIRE HYDRANTS REMOVED OR REPLACED BY THE CONTRACTOR SHALL BE RETURNED TO THE DEPARTMENT OF UTILITIES FIELD OFFICE AT 5730 24TH ST, BUILDING 7.
- THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR PRESERVING ALL EXISTING MONUMENTS WHICH WILL BE DISTURBED OR REMOVED AS REQUIRED BY CONTRACTOR'S WORK. CONTRACTOR SHALL COORDINATE WITH ENGINEER/SURVEYOR PRIOR TO DISTURBANCE OF EXISTING MONUMENTS, AND SHALL RESET MONUMENTS OR PROVIDE PERMANENT WITNESS MONUMENTS AND FILE DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO BUSINESS AND PROFESSIONS CODE SECTION 8771.



NOTE:  
POINT OF SERVICE IS AT THE  
BACK OF CURB FOR ALL STREETS  
WITH PLANTER STRIPS

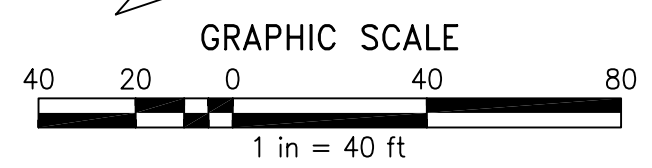
NOTE:  
2" BLOW OFF IS REQUIRED IN  
ALL SERVICE CONNECTIONS  
CONSTRUCTED WITH THE NEW MAIN.

NOTE:  
METERS, RP AND DOUBLE CHECK  
VALVE ASSEMBLIES WILL BE  
SHOWN IN ON-SITE PLANS EVEN  
THOUGH THEY ARE PHYSICALLY  
LOCATED WITHIN PUBLIC R/W

NOTE:  
SHOW TREES, STREET LIGHTS,  
ECT., TO INDICATE LIMITATIONS  
ON PLACEMENT OF SERVICE  
CONNECTIONS.

NOTE:  
POINT OF SERVICE IS AT THE  
BACK OF SIDEWALK FOR STREETS  
WITH SIDEWALK CONTIGUOUS  
WITH CURB AND GUTTER

NOTE:  
TAPS & GV FOR THE NEW  
SERVICE CONNECTIONS  
COMING OFF AN EXISTING  
WATER LINE ARE ALWAYS  
INSTALLED BY CITY CREWS.



LEGEND	
	PROPOSED WATER MAIN
	PROPOSED WATER MAIN AND GATE VALVE
	PROPOSED MAIN AND STANDARD FIRE HYDRANT
	PROPOSED MAIN WITH 1" WATER SERVICE & METER BOX
	PROPOSED MAIN AND 2" BLOW-OFF (B.O.)
	EXISTING MAIN AND GATE VALVE
	EXISTING MAIN AND STANDARD FIRE HYDRANT
	EXISTING MANHOLE AND SEWER
	EXISTING MANHOLE AND DRAIN INLET
	EXISTING RIGHT-OF-WAY
	EXISTING CURB, GUTTER & SIDEWALK
	EXISTING UNDERGROUND GAS MAIN
	EXISTING UNDERGROUND ELECTRICAL
	EXISTING PULLBOX AND STREET LIGHT

## LIST OF QUANTITIES

12" WATER MAIN	520 LF
8" FIRE SERVICE LINE	48 LF
6" FIRE SERVICE LINE	48 LF
12" GATE VALVE	2 EACH
8" GATE VALVE	2 EACH
6" GATE VALVE	1 EACH
8" STUB	2 EACH
6" STUB	1 EACH
2" WATER SERVICE	1 EACH
1-1/2" IRRIGATION SERVICE	1 EACH
1-1/2" BLOWOFF	1 EACH
2" BLOWOFF	4 EACH
8" FIRE HYDRANT	2 EACH

## NOTES:

- ALL DISTURBED IMPROVEMENTS SHALL BE REPLACED INKIND
- PAVEMENT REPLACEMENT SHALL BE 4" AC OVER 14" AB
- RESTRIPING SHALL BE PER CALTRANS LATEST EDITION AND CITY OF SACRAMENTO INSTRUCTIONS

## INDEX TO SHEETS

- W1 - WATER MAINS IN ALPHA ST.
- W2 - DETAILS



PROJECT NAME:  
DRAWING NO.:  
DATE:

REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCH MARK	ELEV. 0.00
DESCRIPTION: BM000-XOX	
BM Line 1	
BM Line 2	
BM Line 3	
BM Line 4	

FIELD BOOK	5678
SCALE:	ON ORIGINAL SCALE
H: 1"=40'	DRAWING ADJUST
V: N/A	SCALED DIMENSIONS
	IF THIS DOES NOT
	SCALE AT 1"

**CITY OF SACRAMENTO**  
DEPARTMENT OF UTILITIES

DRAWN BY: Technician	DESIGNED BY: Engr1	CHECKED BY: Engr2
DATE: DrawnDate	R.C.E. NO. 12345 DATE: Date?	R.C.E. NO. 12345 DATE: Date?

IMPROVEMENT PLANS FOR:

## 1234 ALPHA STREET SE CONER OF ALPHA STREET AND FIRST AVE.

PLANNING NO. P00-000	DWG. NO. W-1
PN: ZZ99	SHEET 5
WATER DWG NO. 51-0000	OF 25
GIS GRID NO. AA99	

PN: ZZ99 PROJECT TITLE HERE