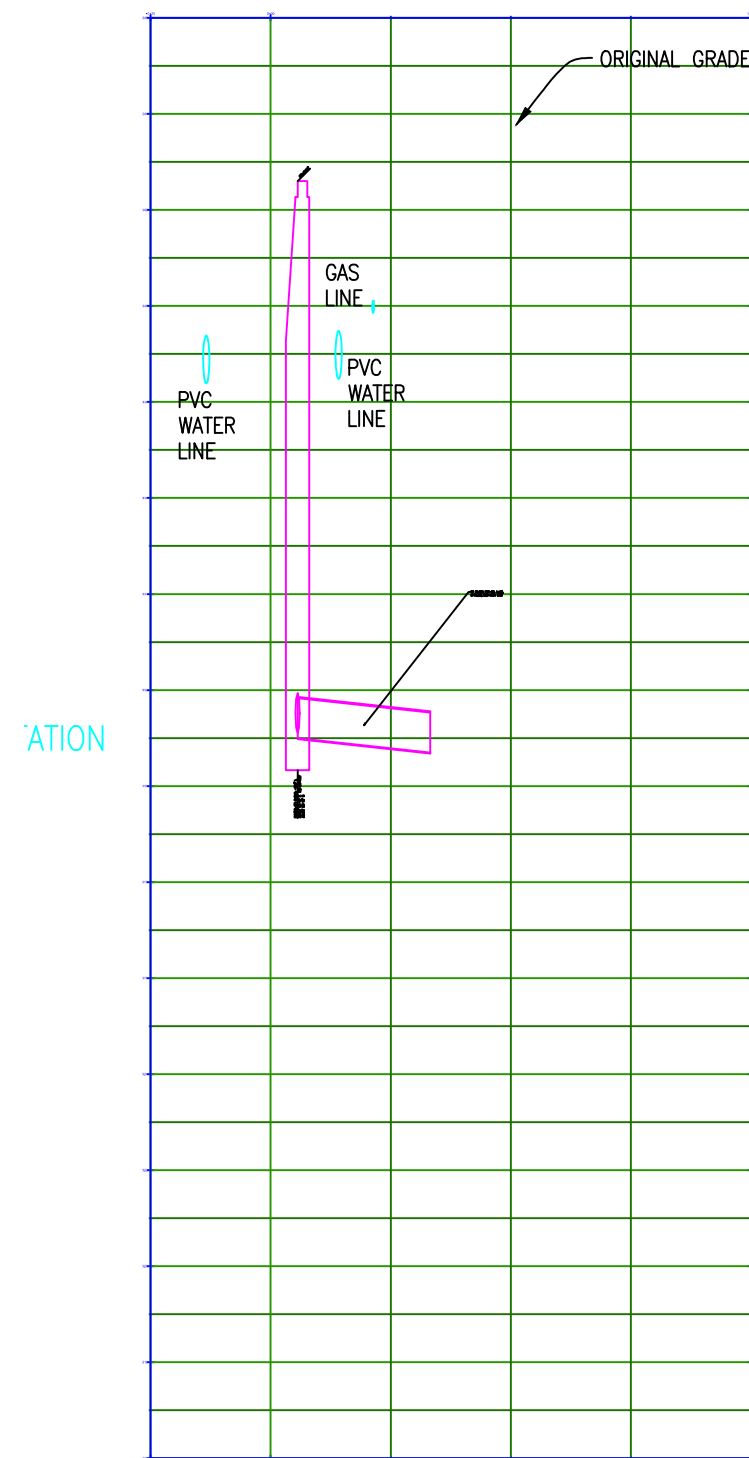


SEWER TO LIFT STATION
STATIONING ALONG PROPERTY LINE AS SHOWN



LEGEND

- PROPOSED SEWER, MANHOLE, & CLEANOUT
- PROPOSED SEWER SERVICE
- PROPOSED SEWER FORCE MAIN
- EXISTING SEWER & MANHOLE
- EXISTING STORM DRAIN & STRUCTURES
- EXISTING 60 IN ID SWID PIPE
- EXISTING GAS
- EXISTING PHONE
- EXISTING TELEVISION
- EXISTING FIBER OPTIC
- ABANDONED WATER LINE
- EXISTING IRRIGATION PIPE
- EXISTING EDGE OF CROP
- EXISTING FENCE LINE
- EXISTING CITY WATER LINES, VALVES, FITTINGS, HYDRANTS, AND SERVICES
- EXISTING PAVING IMPROVEMENTS
- CALTRANS RIGHT OF WAY
- CITY RIGHT OF WAY

089-052-21

790 TULARE

EXISTING GRADE CONTOURS

SOIL DATA BORE LOCATION

LOT DIMENSION REFERENCE

GAS MTR LOCATION

UTILITY POLE & GUY

TREE

Q80=981 GPM

F.V. RIM INV

BUILDING FOOTPRINT

ASSESSORS PARCEL NUMBER

PROPERTY ADDRESS

EXISTING GRADE CONTOURS

SOIL DATA BORE LOCATION

LOT DIMENSION REFERENCE

GAS MTR LOCATION

UTILITY POLE & GUY

TREE

CALCULATED FLOW RATE AT 80% DEPTH FOR DIAMETER & SLOPE SHOWN, MANNING'S n=.013,

FIELD VERIFY TOP OF MANHOLE OR CLEANOUT INVERT

BUILDING FOOTPRINT

LIFT STATION CONSTRUCTION NOTES:

NEW WATER SERVICE: THE EXISTING 2 INCH WATER SERVICE SHOWN IS FOR A PRIVATE RESIDENCE LOCATED WEST OF THIS LOCATION. CONTRACTOR WILL INSTALL A NEW 2 INCH SERVICE LOCATED WEST OF THIS LOCATION CLOSER TO THE RESIDENCE. CONTRACTOR WILL RELOCATE THE EXISTING BACKFLOW PREVENTER SHOWN TO THE NEW SERVICE LOCATION AND INSTALL IT. BACKFLOW PREVENTER SHALL BE TESTED PRIOR TO TURNING THE SERVICE ON. CITY WILL BE CONTACTED FOR INSPECTION. THE NEW SERVICE MUST BE OPERATIONAL PRIOR TO THE TERMINATION OF THE EXISTING WATER SERVICE.

LIFT STATION: CITY HAS ACQUIRED A PRE-PACKAGED LIFT STATION FOR THIS PROJECT. FULL DATA ON THE LIFT STATION IS AVAILABLE WITH THE CITY. CONTRACTOR IS TO PERFORM ALL WORK INCLUDING BUT NO LIMITED TO EXCAVATION AND BACKFILL, STACKING OR PREBUILT SECTIONS, CONNECTING PIPES, POURING OF FOUNDATIONS AND INSTALLING CONTROL PANEL AND METER PEDISTAL. ALL WORK SHALL CONFORM TO THE LIFT STATION MANUFACTURER'S INSTRUCTIONS AND CITY STANDARDS.

WETWELL: CONTRACTOR SHALL EXCAVATE SOIL AND STACK PREBUILT LIFT STATION SECTIONS AT LOCATION SHOWN. PREBUILT BASE SHALL BE PLACED ON A 12 INCH BED OF 3/4 INCH ROCK. CONTRACTOR SHALL PRESERVE ANY EXISTING ORCHARD TREES REMOVED FROM EXCAVATION AND PLANT BACK SAME WITH BACKFILL AT ORIGINAL LOCATIONS.

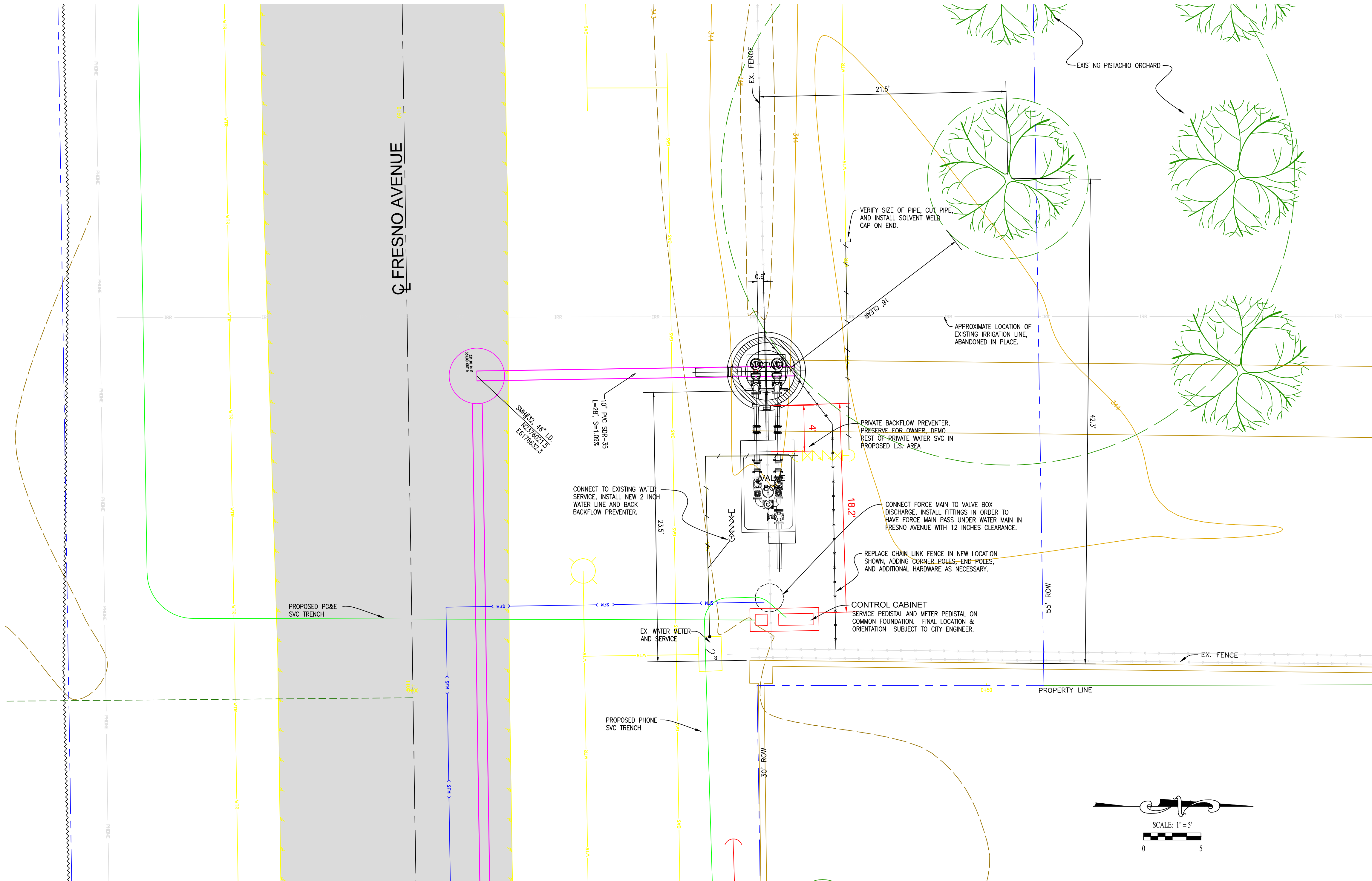
VALVE BOX: CONTRACTOR SHALL EXCAVATE SOIL AND INSTALL PREBUILT LIFT STATION VALVE BOX IN LOCATION SHOWN.

CONTRACTOR SHALL MAKE THE PIPELINE CONNECTIONS BETWEEN THE WETWELL AND THE VALVE BOX PRIOR TO BACKFILL.

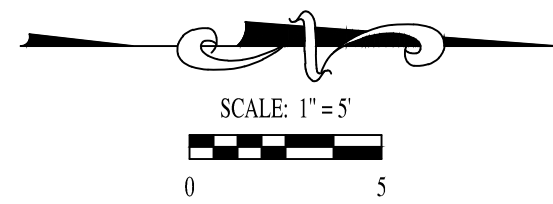
UTILITY SERVICES: PG&E ELECTRICAL, ATT PHONE SERVICES SHALL BE INSTALLED BY OTHERS.

WATER SERVICE: CONTRACTOR SHALL SET UP THE EXISTING WATER SERVICE SHOWN AS A WATER SERVICE FOR THE LIFT STATION. CONTRACTOR SHALL SUPPLY AND INSTALL A NEW BACKFLOW PREVENTER AND HAVE IT TESTED PRIOR TO TURNING THE SERVICE BACK ON.

BACKFILL COMPACTION: ALL BACKFILL AND COMPACTION FOR THE LIFT STATION, SEWER LINES, WATER LINES, ETC. SHALL BE COMPACTED TO 90% REL. MAX. IN MINIMUM 6 INCH LIFTS USING NATIVE MATERIALS.



FRESNO AVENUE LIFT STATION DETAIL



DATE	REVISIONS

ENGINEER:	KLH	MA	KLH
CHECKED BY:	MA	KLH	KLH
APPROVED BY:	KLH	KLH	KLH
DATE:	MAY 2010	KLH	KLH
JOB NO:	KLH	KLH	KLH
ACAD FILE:	KLH	KLH	KLH
NPUS SEWER PROJ:	KLH	KLH	KLH

ENGINEERING SERVICES DEPARTMENT

336 Pacific Avenue Shafter, CA 93263

Phone (661) 746-5002 Fax (661) 746-9125

P:\Engineering\BUS GENERAL\SHAFTEG\

2010 NORTH PARK NORTH SHAFTER

SEWER IMPROVEMENT PROJECT

LIFT STATION

SHEET

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