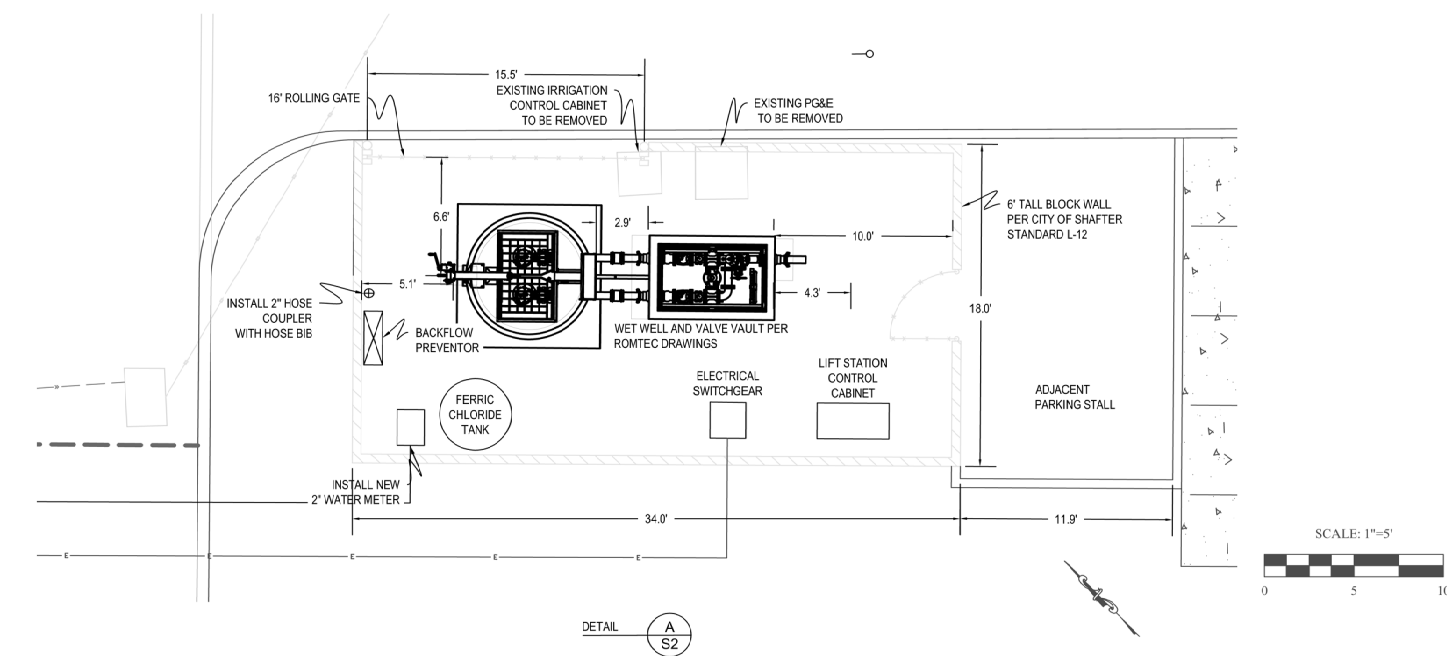
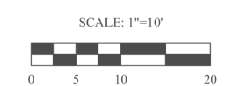
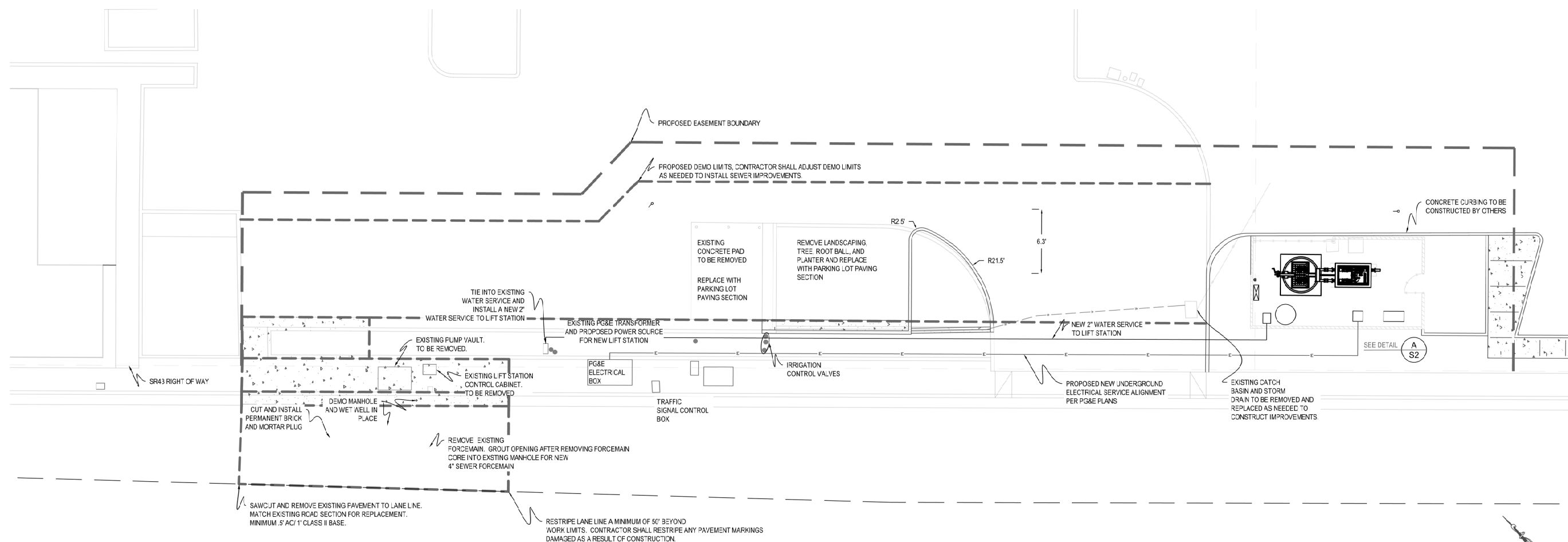


2.01 SITE LAYOUT



- NOTES:
- EXISTING PARKING LOT IMPROVEMENTS DEMOLISHED WITH CONSTRUCTION SHALL BE REPLACED. PARKING LOT SHALL BE 0.20" HMA OVER .33" CLASS II AB MIN.
  - EXISTING PRIVATE CONCRETE IMPROVEMENTS SHALL BE REPLACED TO ORIGINAL CONDITIONS. ALL CONCRETE FOR PRIVATE IMPROVEMENTS SHALL BE 5.5 SACK MIX OR EQUAL.
  - REPLACEMENT OF IMPROVEMENTS WITHIN CALTRANS ROW SHALL BE IN ACCORDANCE WITH CALTRANS STANDARDS.
  - CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING AND COMPLYING WITH A CALTRANS ENCROACHMENT PERMIT. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING ANY NEEDED INSPECTIONS WITH CALTRANS.

REV#	DATE	DESCRIPTION
1	6/6/2020	FOR DESIGN PURPOSES ONLY
2	7/27/2020	FOR DESIGN PURPOSES ONLY
3	5/24/2021	FOR DESIGN PURPOSES ONLY

ENGINEERING SERVICES DEPARTMENT  
 336 Pacific Avenue Shafter, CA 93263  
 Phone (661) 746-5002 Fax (661) 746-9125

CITY OF SHAFTER  
 CENTRAL VALLEY HWY  
 LIFT STATION UPGRADE  
 LIFT STATION SITEPLAN

FOR DESIGN PURPOSES ONLY

PLOTTED: 9/27/2021 1:14:58 PM

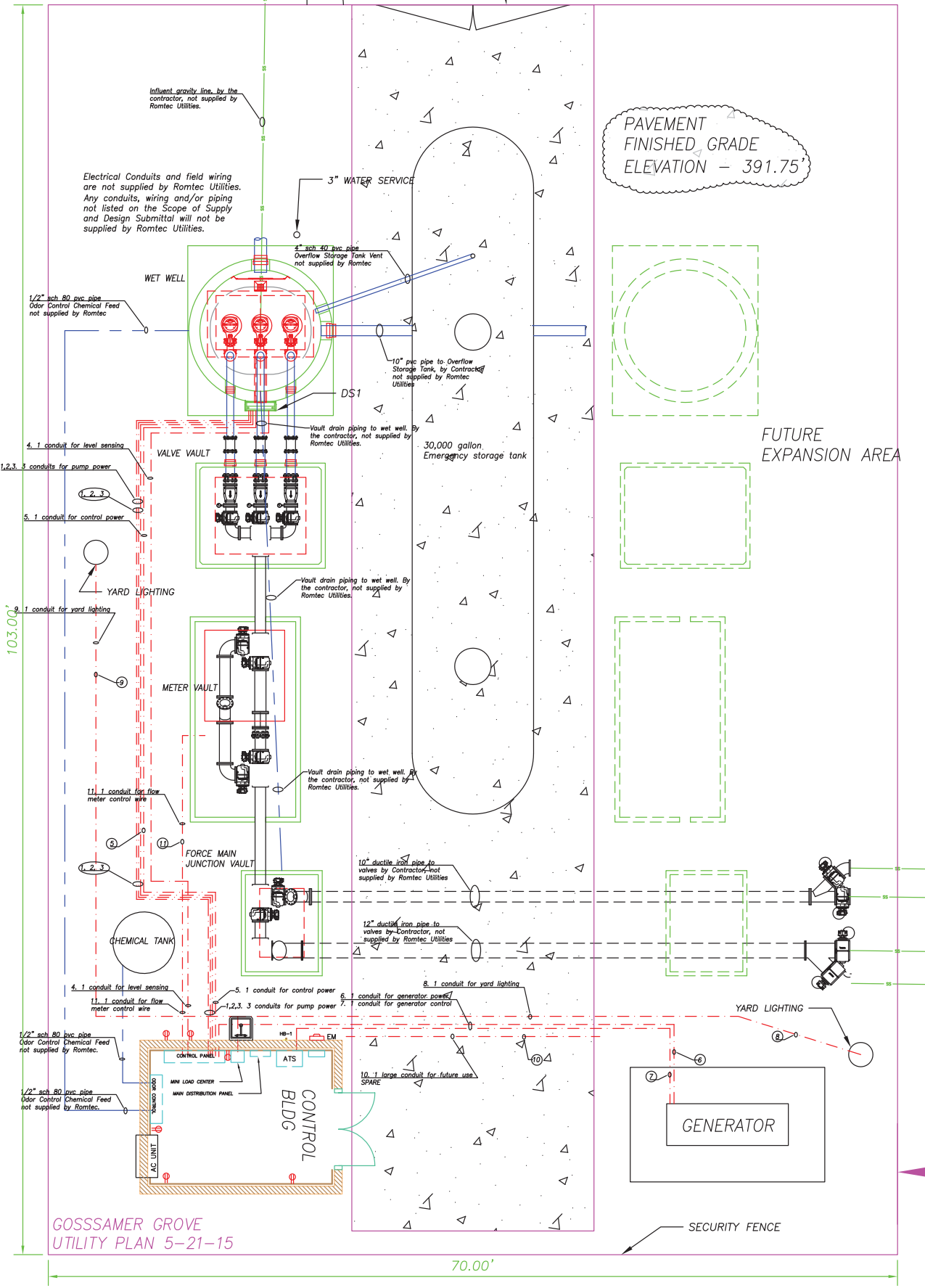
S

3' PEDESTRIAN ACCESS GATE.

16' DOUBLE SWING GATE

PAVEMENT FINISHED GRADE ELEVATION - 391.75'

Electrical Conduits and field wiring are not supplied by Romtec Utilities. Any conduits, wiring and/or piping not listed on the Scope of Supply and Design Submittal will not be supplied by Romtec Utilities.



GOSSAMER GROVE UTILITY PLAN 5-21-15

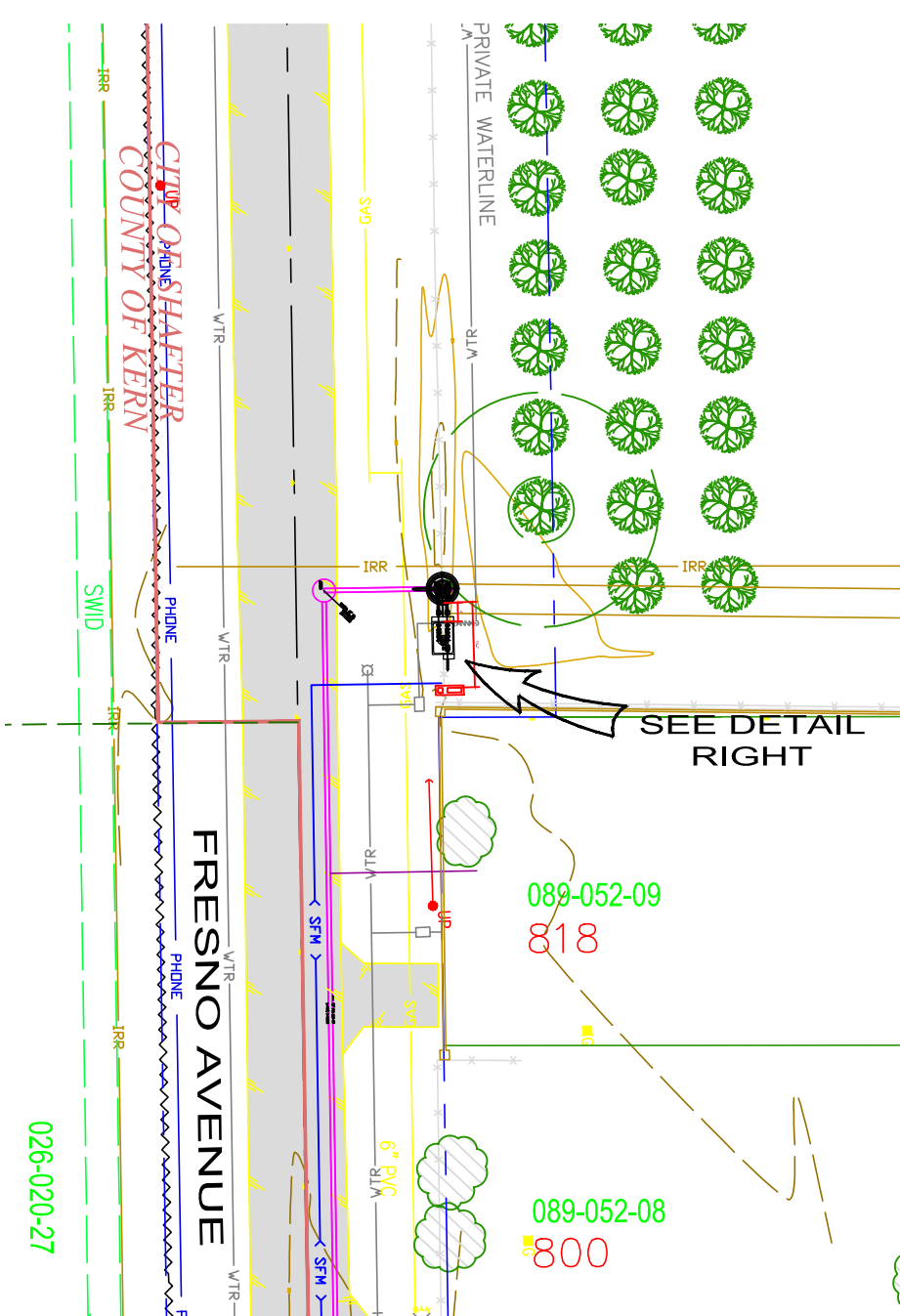
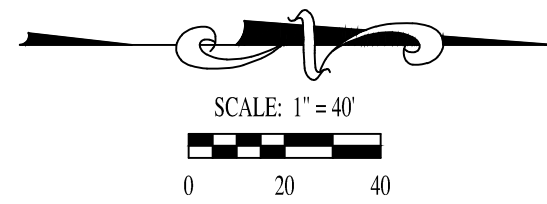
70.00'

GENERATOR

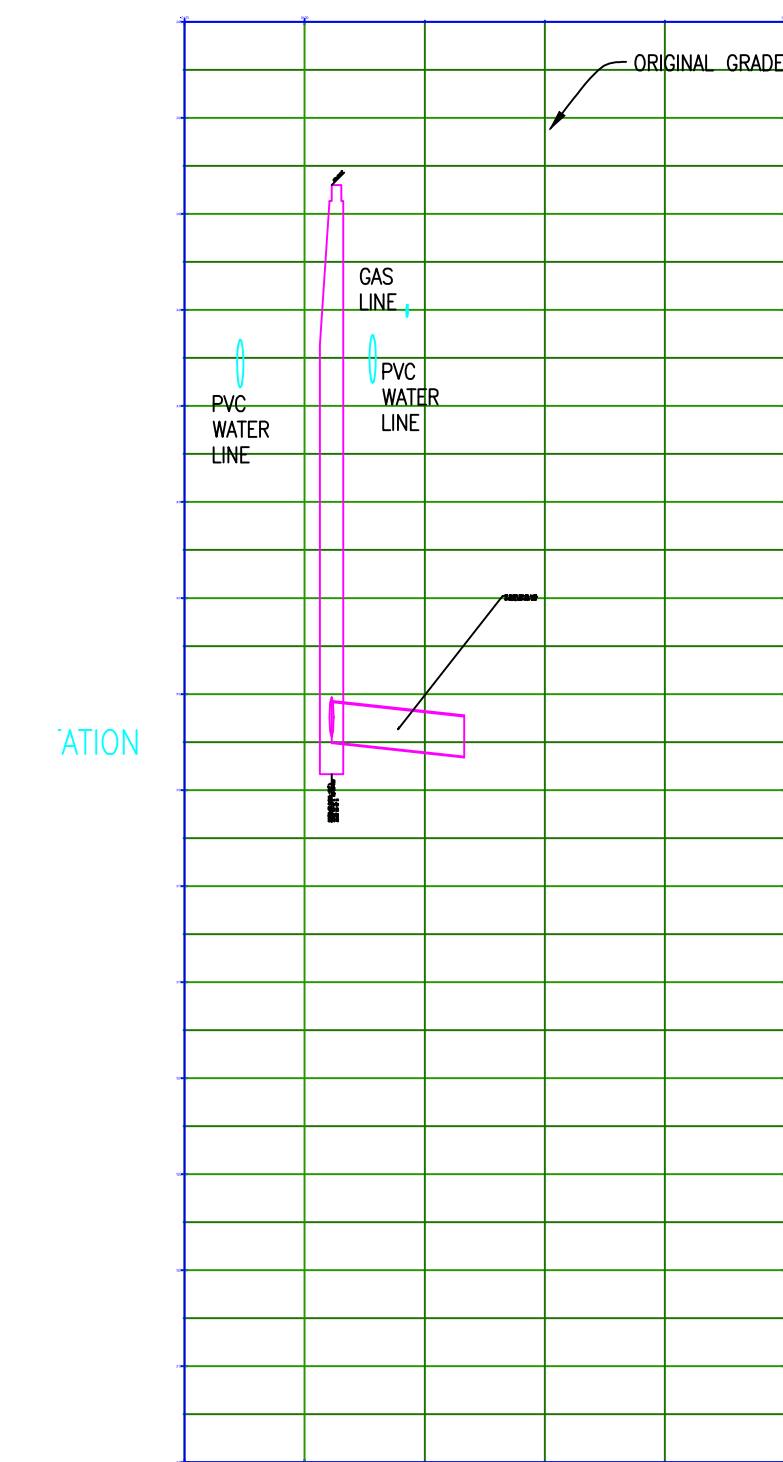
SECURITY FENCE

FUTURE EXPANSION AREA

103.00'



**SEWER TO LIFT STATION**  
STATIONING ALONG PROPERTY LINE AS SHOWN



**LEGEND**

	PROPOSED SEWER, MANHOLE, & CLEANOUT	089-052-21	ASSESSORS PARCEL NUMBER
	PROPOSED SEWER SERVICE	790 TULARE	PROPERTY ADDRESS
	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		
	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,	Q80=981 GPM	
	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 NOT 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.

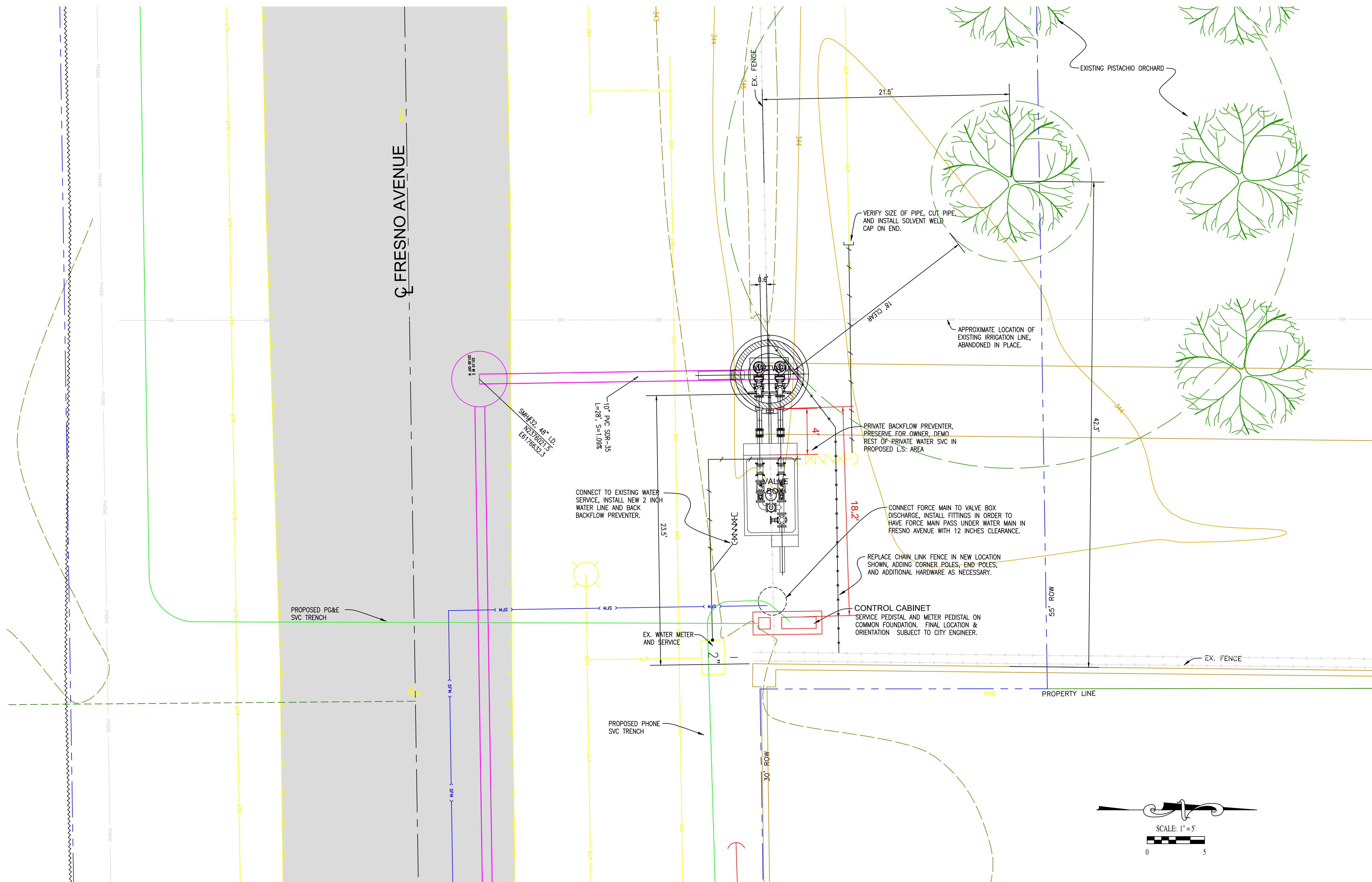
**VALVE BOX:** CONTRACTOR SHALL EXCAVATE SOIL AND INSTALL PREBUILT LIFT STATION VALVE BOX IN LOCATION SHOWN.

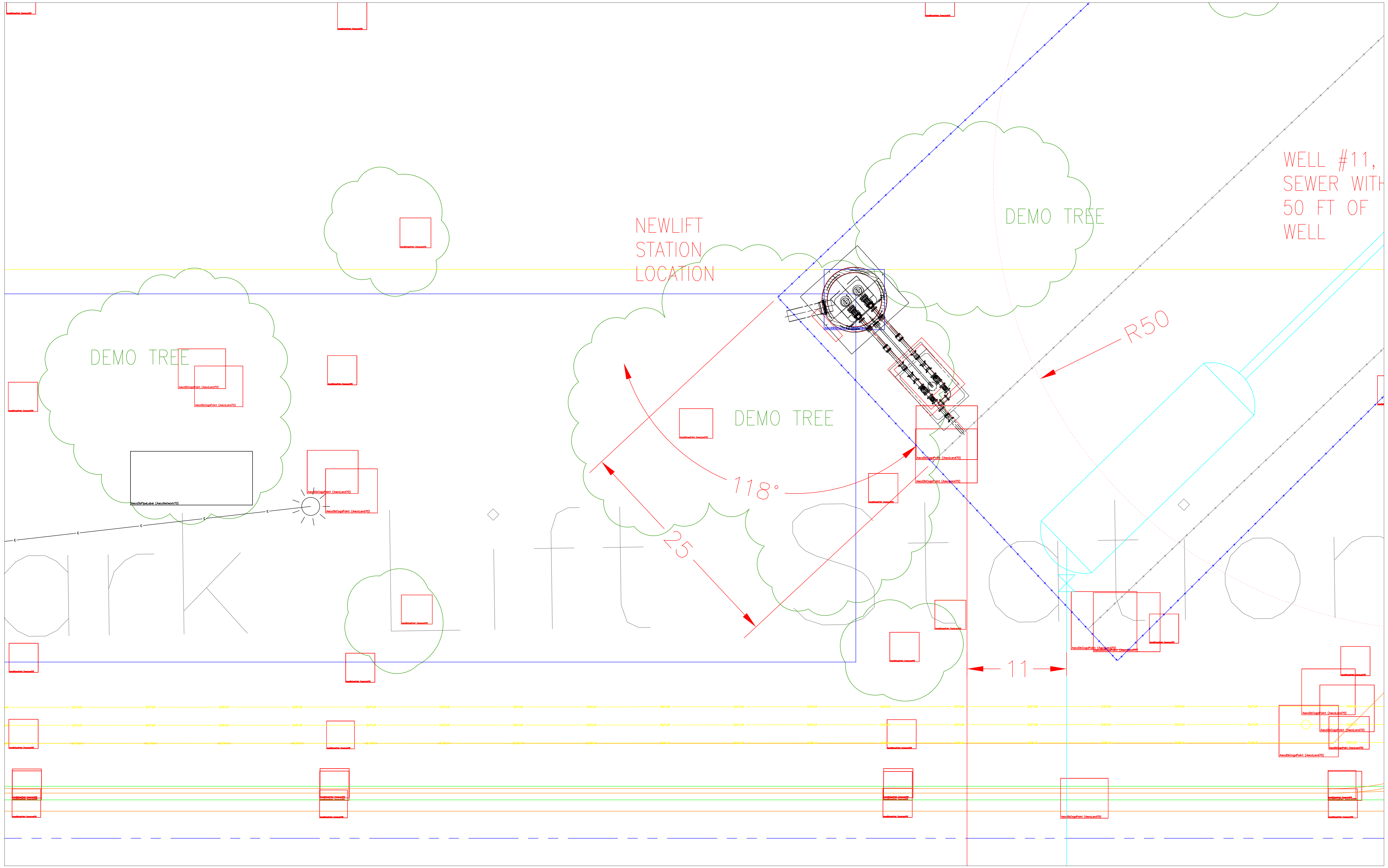
CONTRACTOR SHALL MAKE THE PIPELINE CONNECTIONS BETWEEN THE WETWELL AND THE VALVE BOX PRIOR TO BACKFILL.

**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.





NEWLIFT  
STATION  
LOCATION

DEMO TREE

WELL #11,  
SEWER WITH  
50 FT OF  
WELL

DEMO TREE

DEMO TREE

R50

118°

25

11

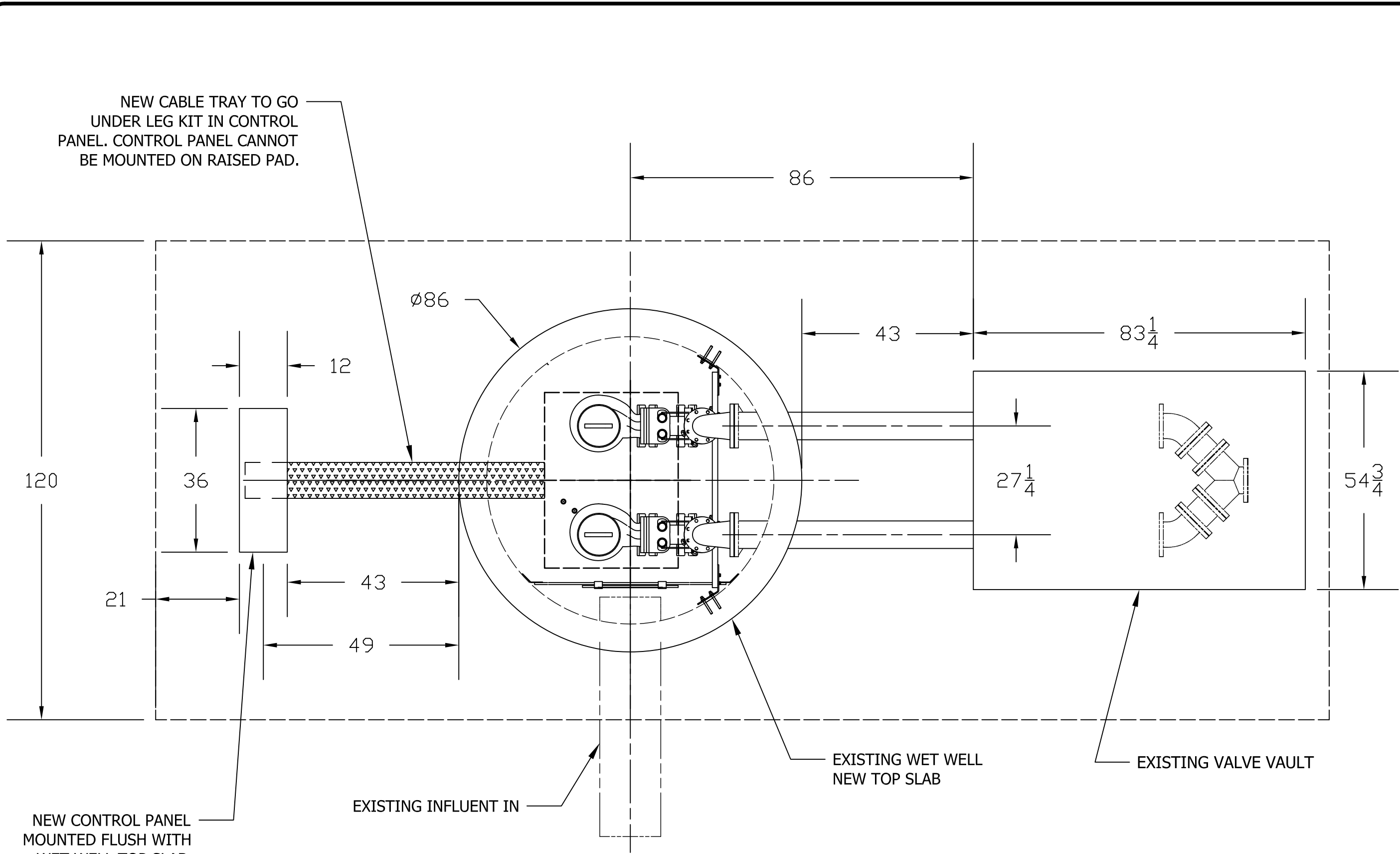
DRIVE

DPVR

Water Sewer

Boundary





NEW CABLE TRAY TO GO UNDER LEG KIT IN CONTROL PANEL. CONTROL PANEL CANNOT BE MOUNTED ON RAISED PAD.

120

36

21

43

49

Ø86

12

86

43

83 1/4

27 1/4

54 3/4

NEW CONTROL PANEL MOUNTED FLUSH WITH WET WELL TOP SLAB.

EXISTING INFLUENT IN

EXISTING WET WELL NEW TOP SLAB

EXISTING VALVE VAULT

REV	DESCRIPTION	DATE	APPROV
1	SITE PLAN LAYOUT	07/28/11	AD
	REVISION HISTORY		

DRAWING GEOMETRY CREATED AT 1:1 AND FIT TO THE SHEET. DO NOT SCALE THIS DRAWING

DSN - AD  
DRN - AD  
CKO - AD  
DATE - 7-28-11

COMPONENT DRAWING

**ROMTEC UTILITIES**  
18240 NORTH BANK ROAD  
ROSEBURG, OREGON 97470  
(541) 496-9678  
FAX (541) 496-0804

CITY OF SHAFTER  
KEVIN HARMON

MARK LIFT STATION  
SITE PLAN LAYOUT

SHEET  
1 OF 1

JOB NUMBER  
RMTC  
0000

SCALE - 1:24