

# ENGINEERING COMMITTEE

Project Presentations

# CIP PROJECTS IN DESIGN OR COMPLETED DESIGN

Hunters Raw Water – Hunters Treatment Plant, 90% (FEMA, NEPA Environmental Review)

Arnold Wastewater Treatment Plant, 100% Design (SRF Funding Application, Environmental)

A-B Transmission Pipeline, 100% Design, Bid

La Contenta Wastewater Treatment Plant, Bilac and UV Improvement (Preliminary Planning)

Jenny Lind Clearwell Tank 2, (Preliminary Design, Budget)

Copper B-C Pipeline, Phase 2 and Interconnect

## **Developer Projects:**

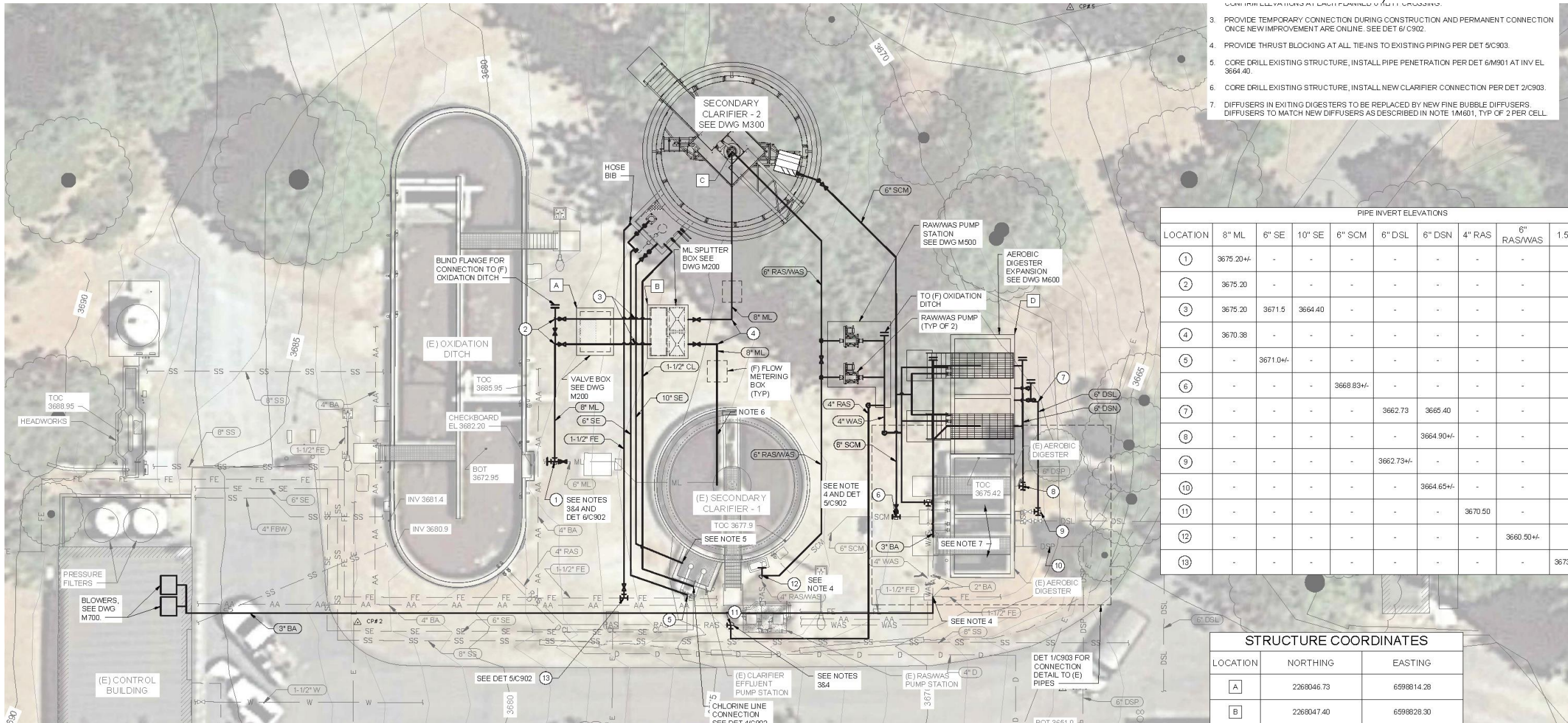
LGI Homes: Sewer Lift Station/Force Main Improvements

Copper Town Square: Reed Turnpike PS, Sewer Force Main on Little John

Jenny Lind Elementary: Force Main/Lift Stations



# HUNTERS RAW WATER INTAKE



3. PROVIDE TEMPORARY CONNECTION DURING CONSTRUCTION AND PERMANENT CONNECTION ONCE NEW IMPROVEMENT ARE ONLINE. SEE DET 6/C902.
4. PROVIDE THRUST BLOCKING AT ALL TIE-INS TO EXISTING PIPING PER DET 5/C903.
5. CORE DRILL EXISTING STRUCTURE, INSTALL PIPE PENETRATION PER DET 6/M901 AT INV EL 3664.40.
6. CORE DRILL EXISTING STRUCTURE, INSTALL NEW CLARIFIER CONNECTION PER DET 2/C903.
7. DIFFUSERS IN EXITING DIGESTERS TO BE REPLACED BY NEW FINE BUBBLE DIFFUSERS. DIFFUSERS TO MATCH NEW DIFFUSERS AS DESCRIBED IN NOTE 1/M601, TYP OF 2 PER CELL.

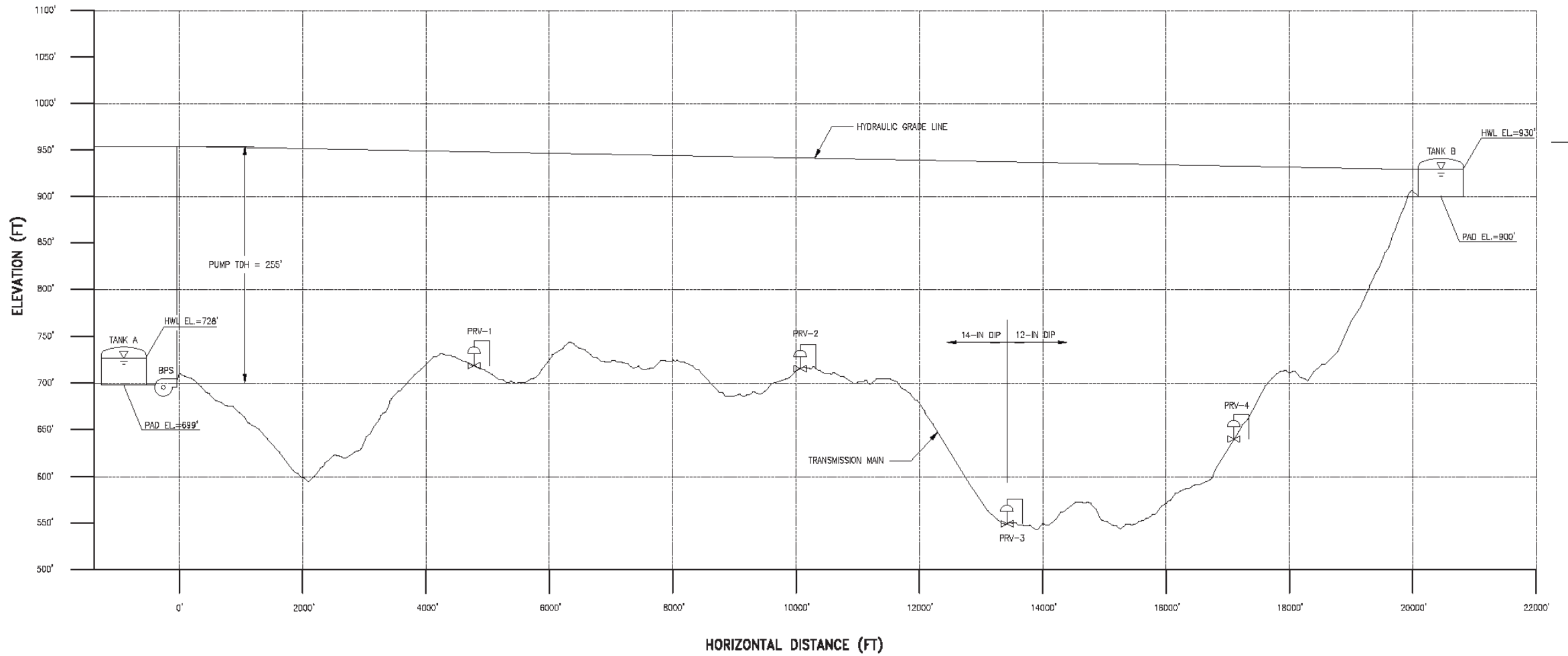
PIPE INVERT ELEVATIONS

LOCATION	8" ML	6" SE	10" SE	6" SCM	6" DSL	6" DSN	4" RAS	6" RAS/WAS	1.5
①	3675.20+/-	-	-	-	-	-	-	-	-
②	3675.20	-	-	-	-	-	-	-	-
③	3675.20	3671.5	3664.40	-	-	-	-	-	-
④	3670.38	-	-	-	-	-	-	-	-
⑤	-	3671.0+/-	-	-	-	-	-	-	-
⑥	-	-	-	3668.83+/-	-	-	-	-	-
⑦	-	-	-	-	3662.73	3665.40	-	-	-
⑧	-	-	-	-	-	3664.90+/-	-	-	-
⑨	-	-	-	-	3662.73+/-	-	-	-	-
⑩	-	-	-	-	-	3664.65+/-	-	-	-
⑪	-	-	-	-	-	-	3670.50	-	-
⑫	-	-	-	-	-	-	-	3660.50+/-	-
⑬	-	-	-	-	-	-	-	-	3670

STRUCTURE COORDINATES

LOCATION	NORTHING	EASTING
A	2268046.73	6598814.28
B	2268047.40	6598828.30

# ARNOLD WASTEWATER TREATMENT PLANT



PRV DOWNSTREAM SETTINGS	
PRV-1	66 PSI
PRV-2	64 PSI
PRV-3	102 PSI
PRV-4	57 PSI

# JENNY LIND TANK A-B TRANSMISSION PIPELINE



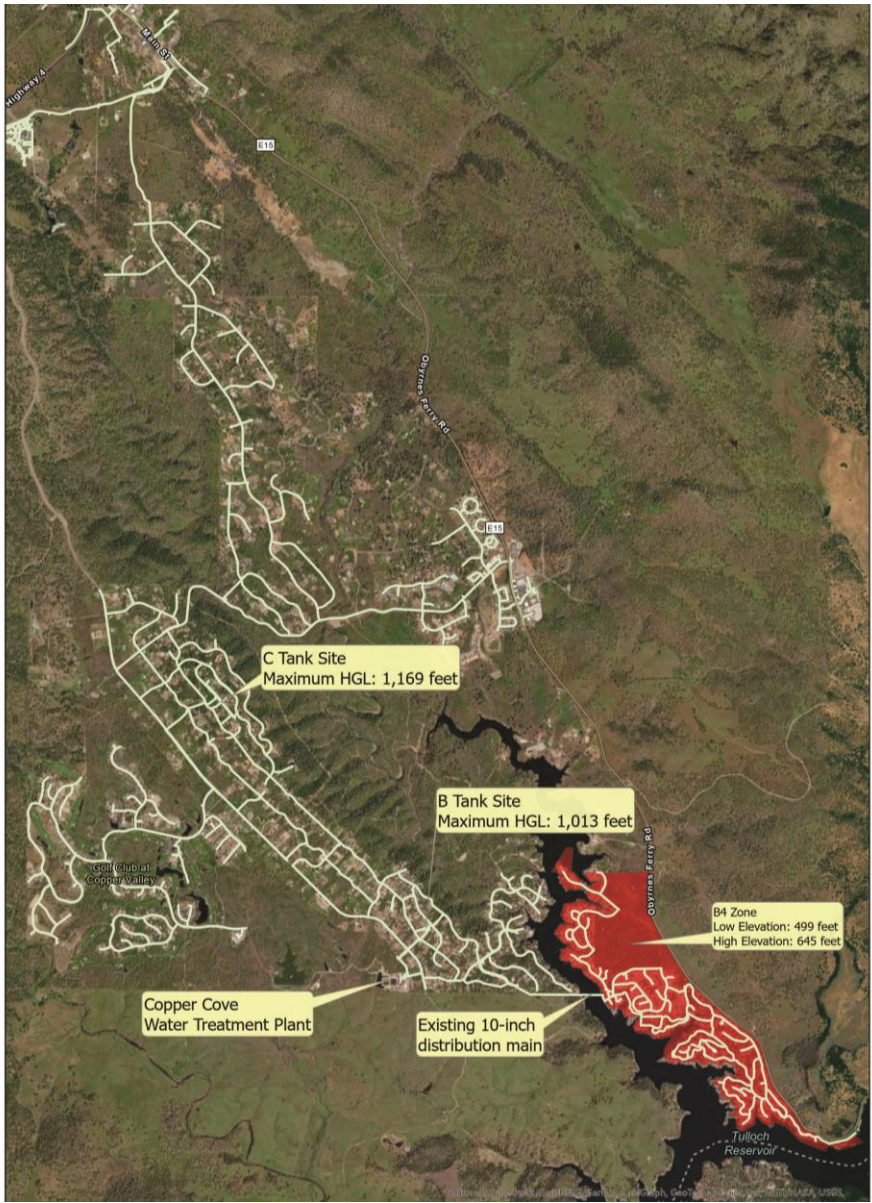
# LA CONTENTA WASTEWATER TREATMENT PLANT BIOLAC AND UV IMPROVEMENT PROJECT

PRESENTATION TITLE



# JENNY LIND WATER TREATMENT CLEARWELL #2

PRESENTATION TITLE



# B-C TRANSMISSION MAIN/EMERGENCY INTERCONNECT

PRESENTATION TITLE



# CIP PROJECTS IN CONSTRUCTION

Westpoint Wilseyville Consolidation (Ongoing through next Season)

Westpoint Water Treatment Plant (Nearing Completion)

Copper Cove Lift Station Project (Ongoing through next Season)

AMI Project (Substantially Complete)

Redwood Tanks/Larkspur Tank (Substantially Complete, Final Completion 11/15)

Forest Meadows UV (Substantially Complete, Electricians Finishing Testing)

Copper Cove Tanks (WTP Clearwell and B Tanks (Pre-Construction Meeting)

Maintenance Building (Finalizing)



# WEST POINT WILSEYVILLE CONSOLIDATION

PRESENTATION TITLE



# WEST POINT WILSEYVILLE CONSOLIDATION

PRESENTATION TITLE



# COPPER COVE LIFT STATION PROJECT – LS 18

PRESENTATION TITLE



# WEST POINT WATER TREATMENT PLANT - FILTER

PRESENTATION TITLE



# COPPER COVE LIFT STATION PROJECT – LS 15

PRESENTATION TITLE



# COPPER COVE LIFT STATION PROJECT – LS 15

PRESENTATION TITLE



# COPPER COVE LIFT STATION PROJECT – FORCEMAIN

PRESENTATION TITLE





# REDWOOD TANK REPLACEMENT – TANK 13 FLUME CT.

PRESENTATION TITLE



# REDWOOD TANK REPLACEMENT – BIG TREES 8

PRESENTATION TITLE



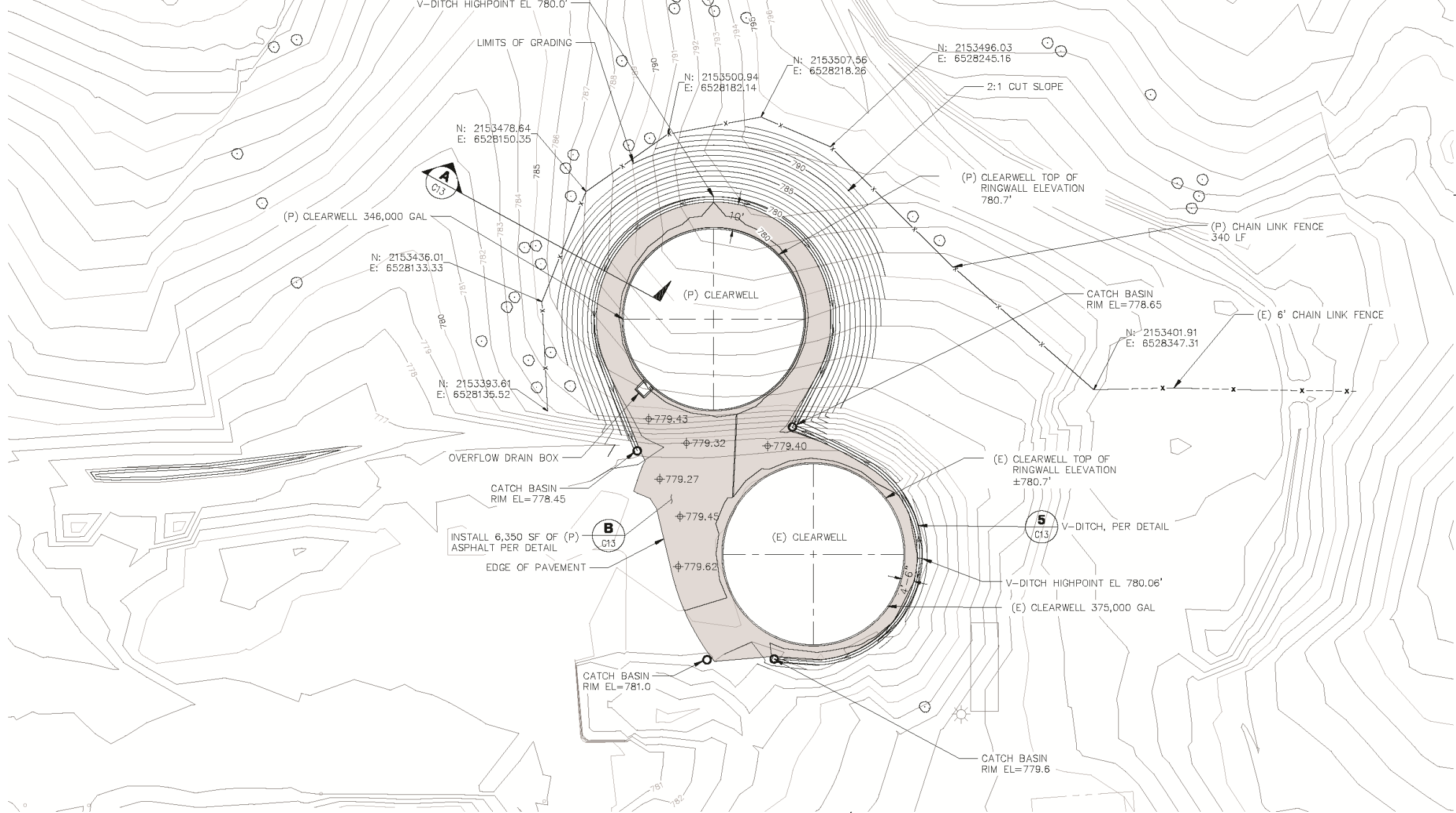
# TANK REPLACEMENT – LARKSPUR TANK

PRESENTATION TITLE

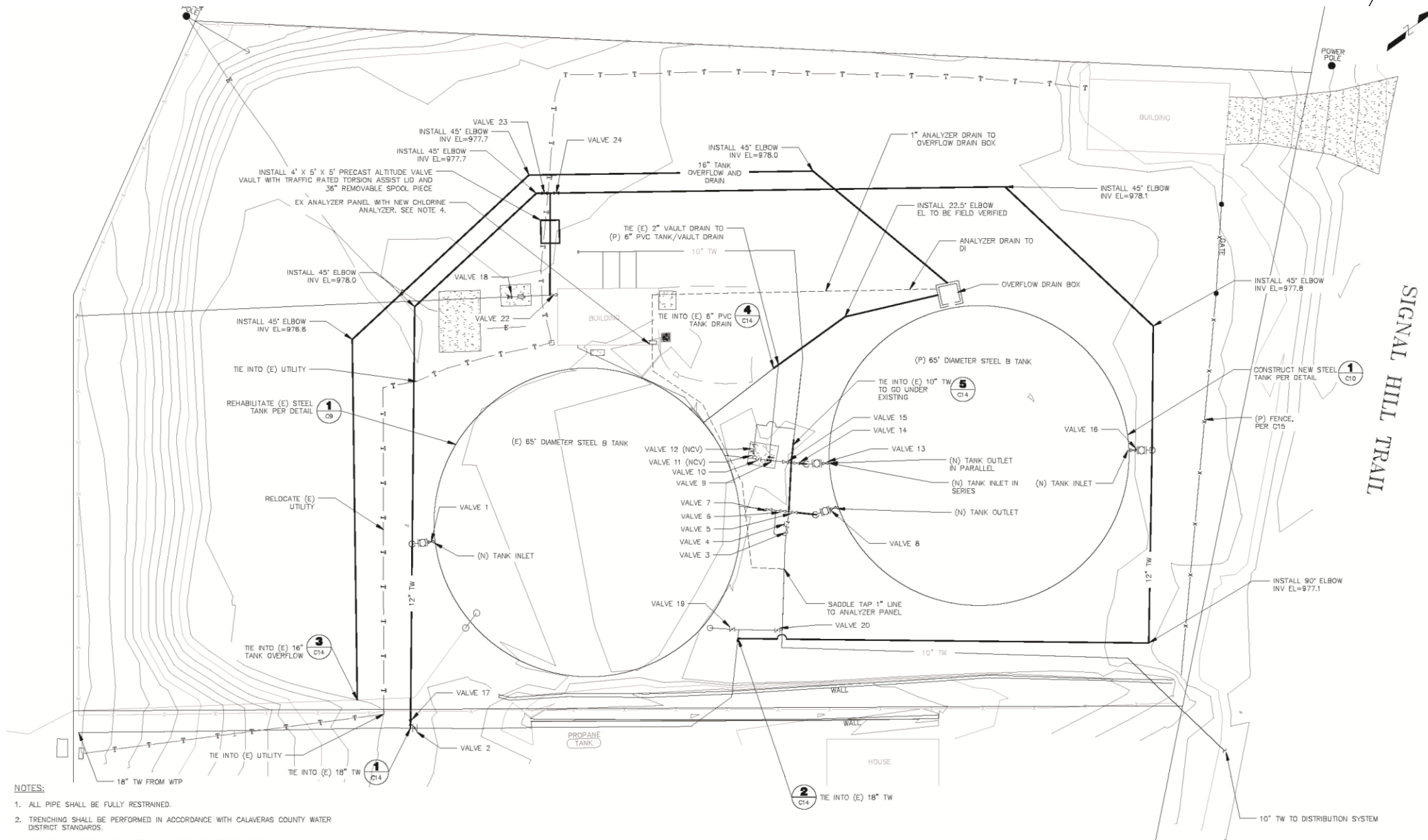


# FOREST MEADOWS WASTEWATER- UV CHANNEL

PRESENTATION TITLE



# NEW CLEARWELL AT COPPER WATER TREATMENT PLANT



**NOTES:**

1. ALL PIPE SHALL BE FULLY RESTRAINED.
2. TRENCHING SHALL BE PERFORMED IN ACCORDANCE WITH CALAVERAS COUNTY WATER DISTRICT STANDARDS.

# NEW "B TANK" IN COPPEROPOLIS

# WATER RESOURCES

ENGINEERING DEPARTMENT AND WATER RESOURCES

ENGINEERING PARTICIPATED IN FERC AND DSOD DAM INSPECTIONS

STARTING INVOLVEMENT IN FERC RE-LICENSE PROCESS



# FERC DAM AND HYDROELECTRIC INSPECTIONS

PRESENTATION TITLE