#### Task Order #5 Allied 360 Construction LLC AGR 24-04a

Date Prepared: September 5, 2025

**Project Title:** Los Arboles Lift Station Improvements

**Job Cost #**: WC7713

Task Order Project Manager: Casey Aumack

Phone: (505) 709-7309

**Department: Prepared by DPU** 

Vendor Contact: Patrick Hererra, Phone: (505) 470-5779

**Scope of Work:** In this project, the contractor will complete work at 2 Lift stations, Los Arboles and North Road. At Los Arboles, the contractor will replace and improve the sewer lift station's existing mechanical and electrical infrastructure. Mechanically, this will require the replacement of existing valves, pumps, piping, and connections inside the drywell. Pumps and valves are furnished by the County. Electrically, replace existing controls, electrical infrastructure, lights, sump pump, exhaust fans, and receptacles, install new conduit to control boxes and wet well level floats, and remove defunct control box above ground and in dry well. Additional external Electrical work including Placement and connect of new transformer, running secondary lines to control panel, and assisting DPU linemen in the removal of old transformers and installation of splice box. At North Road, the contractor will move electrical switches up to the top of the Dry well for immediate access before entering the well and repainting the drywell interior.

Attachments: Construction drawings and quote dated September 5, 2025.

Start Work Date: September 18, 2025

Complete Work By: December 15, 2025

Base Total Cost: (not to exceed amount): \$ 263,737.47

GRT: \$ 18,626.45

**Final Estimate: \$ 282,363.92** 

Current Task Order Value	\$ 263,737.47	Less GRT
Estimated Value of all task orders to date, including this task order:	\$ 640,140.07	Less GRT
Remaining Contract Value:	\$ 6,359,859.93	Less GRT

Contractor	Date	
Casey Aumack (Task Order PM)	Date	
DPU Utilities Manager	Date	



#### **Proposed**

No. 09052025

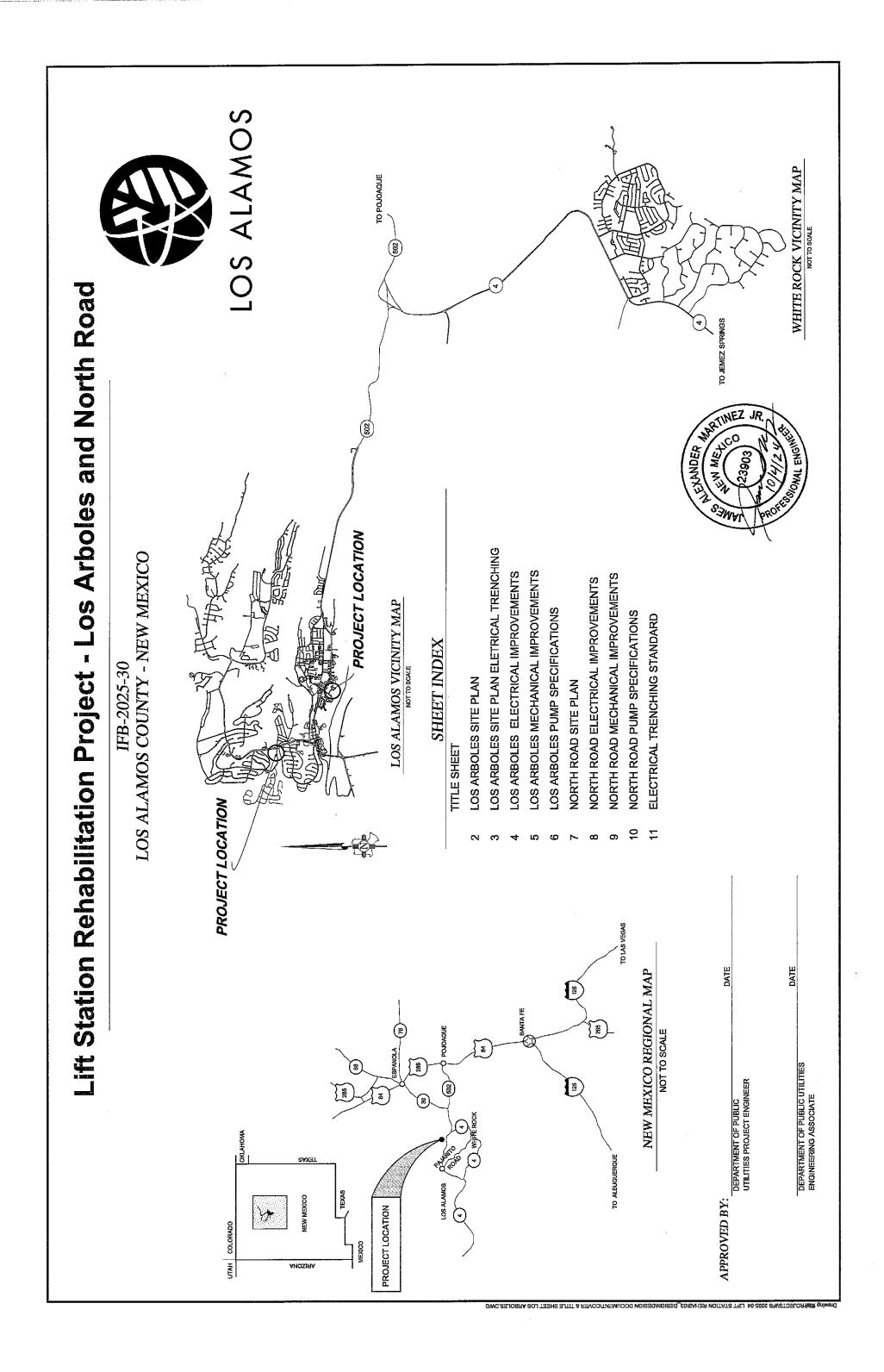
Date: 09/05/2025

Phone: 505-470-5779

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#### Work to be performed at:

To: Los Alamos County	Los ArbolesLift
Attention: Casey	Station Los Alamos,
Aumack	NM
,	AGR24-04a
Listed below is our best estimate for the performance of the equipment basis. We believe the total is adequate to comple	
equipment ousis. We serieve the total is adequate to comple	the task as described.
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Line Item 135- (\$95.00/hr x 480 hrs)	\$46,968.00
Line Item 136- (\$67.98.00×3 employees x \$203.94×480 hr	\$91,891.00
Materials (JCH) filler & Flex bolts gaskets miss miscellan	eous idem need \$34,857.55
Line Item 183- ( $$154.50.x\ 2 = 309 \times 160 hrs$ )	\$49,400.00
Materials electrical	\$33,963.00
Line Item 7 - 4 days x \$1,664.48	\$06,657.92
Note: excludes materials LA INC & Gorand Ele	
Note: excludes materials LA INC & Gorand Ele	
Subtotal	\$263,737.47
NMGRT, 7.0625%	\$18,626.45
Proposed Total	\$282,363.92



(505) 662-8333 FAX: (505) 662-8005 FOS ALAMOS, NEW MEXICO 87544 1000 CENTRAL AVE., SUITE 130 **UTILITIES** DEPARTMENT OF PUBLIC **OF LOS ALAMOS** INCORPORATED COUNTY

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# LIFT STATION IMPROVEMENTS

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**LOS ARBOLES** 

PCALE:	
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APPROVED	
NWAAD	

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REVISION DESCRIPTION

- DESIGNED BA:
- $\exists \vdash \exists \land$ LOCATION GENERAL NOTES EXISTING SPRINKLER IRRIGATION SYSTEM PIPING UNKNOWN, SPRINKLER HEADS NEAR BUILDINGS. HOA TO LOCATE
  - ROOTS TREE AROUND HAND DIGGING REQUIRED
- Q R CONDITIONS EXISTING  $\bigcirc$ PING RETURN LANDSCA

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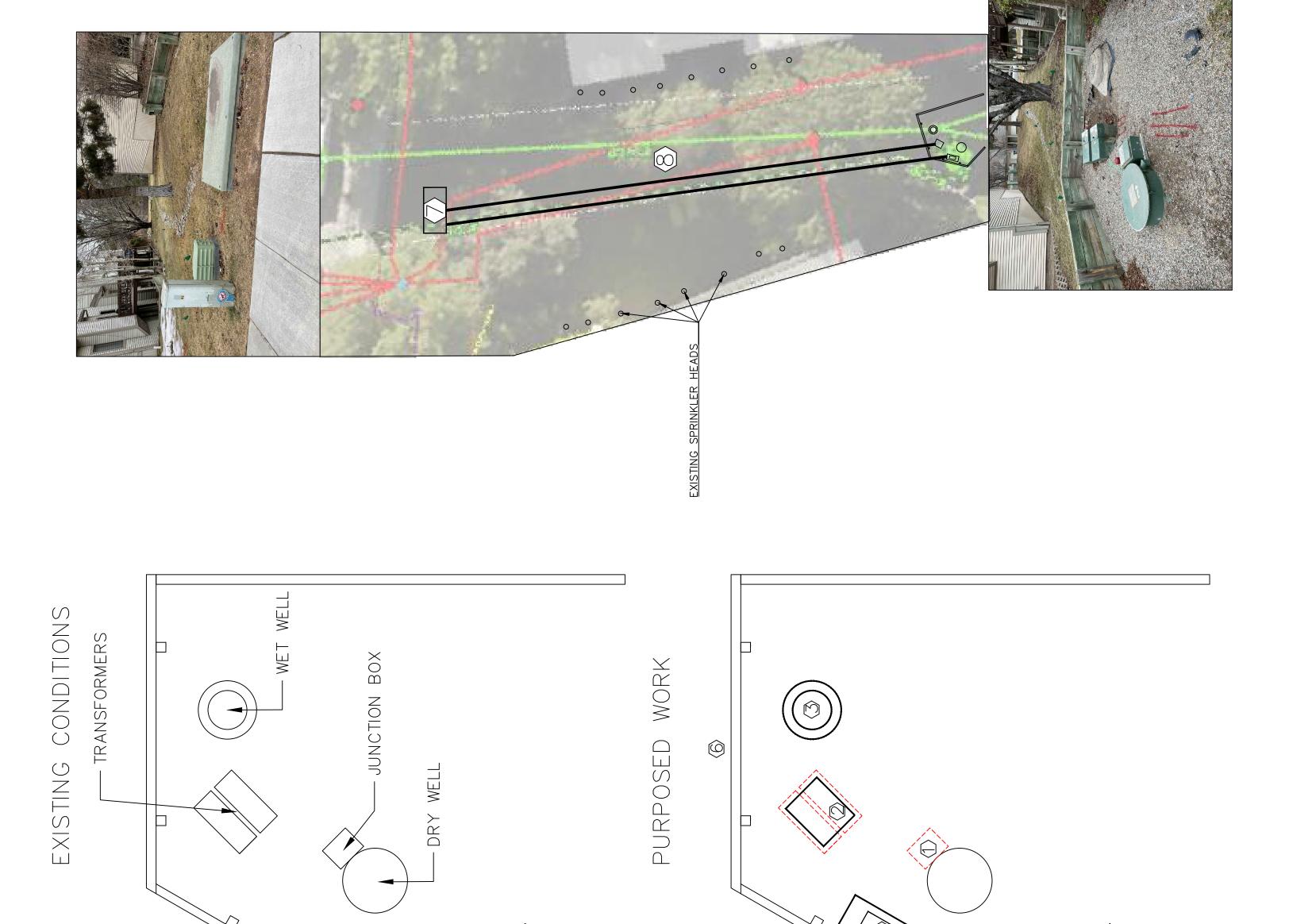
<u>Retaining wali</u>

BETTER

- $\exists \exists \exists \exists$ 0 LAC LINEMEN TO INSTALL TRANSFORMER AND REMOVAL EXISTING TRANSFORMER, CONTRACTOR TO COORDINATE LINEMEN FOR ALL ELECTRICAL INSTALLATIONS
- -PASS , CONTRACTOR MUST MANUALLY BY: FROM WET WELL OUTAGE, H PUMP F S SEWAGE O MAIN WITH DURING FORCE N

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- FROM WALL WELL KEYED NOTES TION BOX REFINISH DRY JUNCTION REMOVE EXISTING WELDING MARKS
- AND EXISTING TRANSFORMER BOXES AN PER STANDARDS IN COORDINATION CONTRACTOR TO EXCAVATING INSTALL NEW FLUSH BOX AS WITH DPU LINEMEN
- EXISTING . REPLACE AND LID D COVER. 4' RING AND CONCRETE C ,4 BROKEN 4 WITH NEW EXISTING AND LID REMOVE COLLAR  $\bigcirc$
- ROUTE NEW CONDUIT INTO PAD PAD 5'X2' CONCRETE INSTALL  $\bigoplus$
- AS DETAILED ON SHEET PANEL NEW CONTROL INSTALL
- TIMBER BEAMS AS NEEDED FOR ACCESS AND TING CONDITIONS AT COMPLETION OF WORK EXISTING TO EXIST REMOVE E 6
- TRANSFORMER AS BY DPU LINEMAN E PAD FOR NEW ELECTRICAL TRANSFORMER BE INSTALLED 2A FOR DETAILS NSTALL CONCRETE PER STANDARDS, TREFER TO SHEET 2
- NEL AND NEW FLUSH BOX, AND 9FT 4" CONDUIT NG JBOX TO NEW TRANSFORMER. OWNER TO PROVIDE LINEMEN TO PULL THE CABLES ON PRIMARIES AND TO SECONDARIES. REFER TO SHEET 2A FOR DETAILS ,4 CONTROL PANEL FROM EXISTING JE WIRING, DPU LINE CONTRACTOR TO 2-90FT INSTALL  $\bigotimes$



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OF LOS ALAMOS

INCORPORATED COUNTY

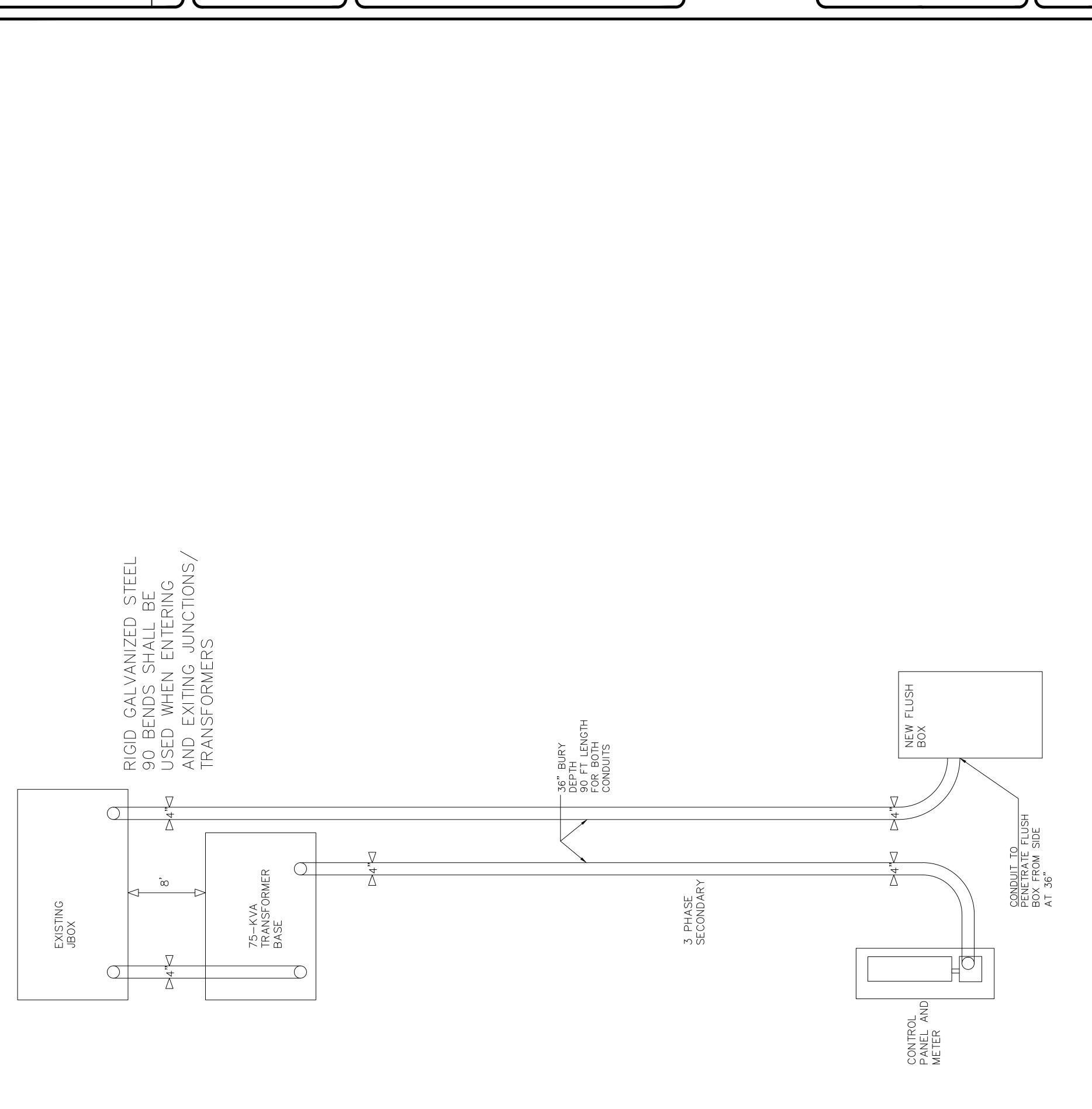
SOMAJA SOJ

SITE PLAN (ELECTRICAL TRENCHING) LIFT STATION IMPROVEMENTS

**LOS ARBOLES** 

SCALE: :3TAQ APPROVED BY: :Y8 NWA90

3 7 ON REVISION DESCRIPTION DESIGNED BA:



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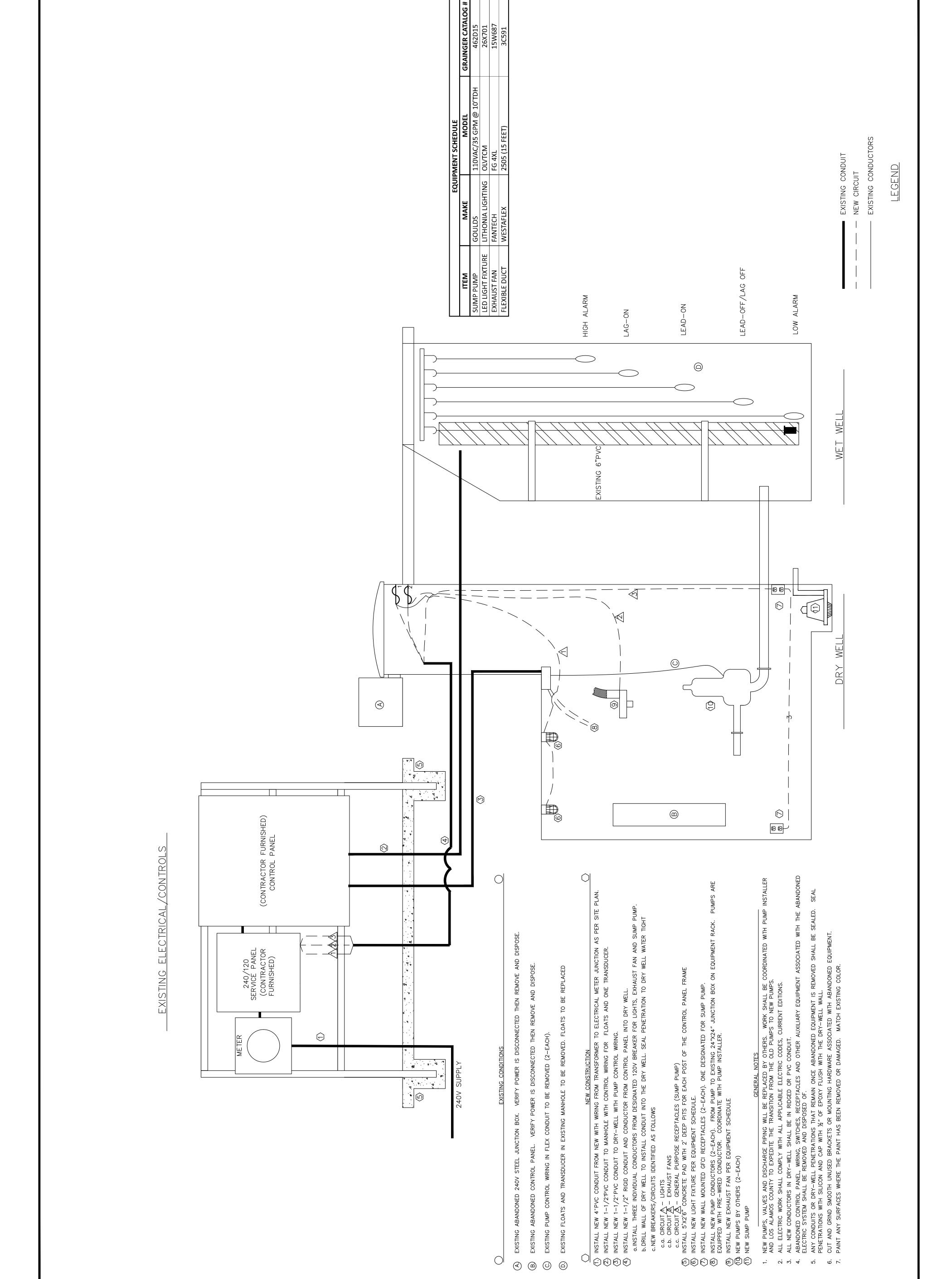
INCORPORATED COUNTY

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### ELECTRICAL IMPROVEMENTS

#### LIFT STATION IMPROVEMENTS **LOS ARBOLES**

G SCALE: abla:3TAQ 3 7 APPROVED BY: :YB NWAAQ ON REVISION DESCRIPTION DESIGNED BA:

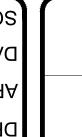


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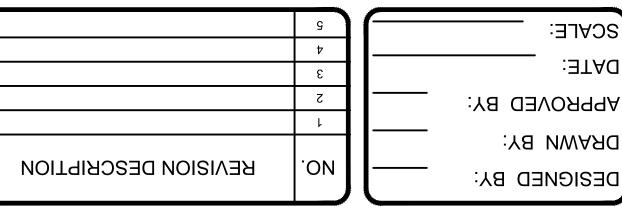
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## LIFT STATION IMPROVEMENTS

**FOS ARBOLES** 



SCALE: :3TAQ APPROVED BY: DRAWN BY:





PIPE DISCHARGE

TOP VIEW

OUTLET 90° BEND(OWNER FURNISHED)

SIDE

KEYED NOTES

IRON AWWA C110 DUCTILE FITTINGS

FIELD BE SHALL AND FITTINGS PIPE

THOROUGHLY CLEANED BH STATION INTERIOR SHALL B FLOOR PRESSURE WASHED. LIFT AND

FLOOR SHALL BE REPAINTED WITH NON-SKID EPOXYPAINT: PRIMER AND TWO COATS OF EPOXYPAINT. MATCH EXISTING COLOR

x FL CHECK VALVE(OWNER FURNISHED)

FL x FL PLUG VALVE(OWNER FURNISHED)

MEGA FLANGE(OWNER FURNISHED)

x PE DIP SPOOL

ALL PENETRATIONS WHICH REMAIN UNUSED SHALL BE CUT AND PLUGGED NEATLY FLUSH WITH THE DRY WELL WALL. PLUG CONDUITS/PIPES WITH SILICON AND PLACE A 0.5 IN THICK HARD SET EPOXY CAP FLUSH WITH WALL

4" FL x FL PLUG VALVE(OWNER FURNISHED)

NEW PUMP(OWNER FURNISHED)

x FL 45° BEND

FLANGE(OWNER FURNISHED)

x 3" FL x FL REDUCER

4" FL x PE DIP SPOOL

ALL AREAS WHERE COATING IS REMOVED OR SCUFFED AS A PART OF THE DEMOLITION SHALL BE REPAINTED. MATCH EXISTING COLOR

REMOVE AND DISPOSE OF ALL PIPING, FITTINGS, VALVES, CONTROL PANEL AND ELECTRICAL CONDUIT/WIRE BEING REPLACED

TO FLOOR

STAND/ ADJUSTABLE HEIGHT/ WELDED

4" MJ SOLID SLEEVE W/MEGALUGS

REWELD EXISTING LID HINGE TO USABLE STATE

PUMPS,

CONTRACTOR SHALL COORDINATE INSTALLATION OF NEW PUMPS WITH DPU GWS OPERATIONS, WHO WILL SUPPORT WITH VACTOR WHILE PUMPS ARE DISABLED

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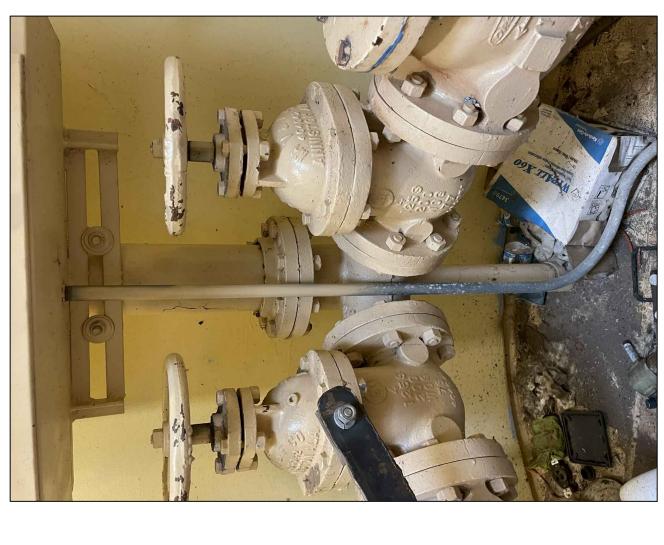
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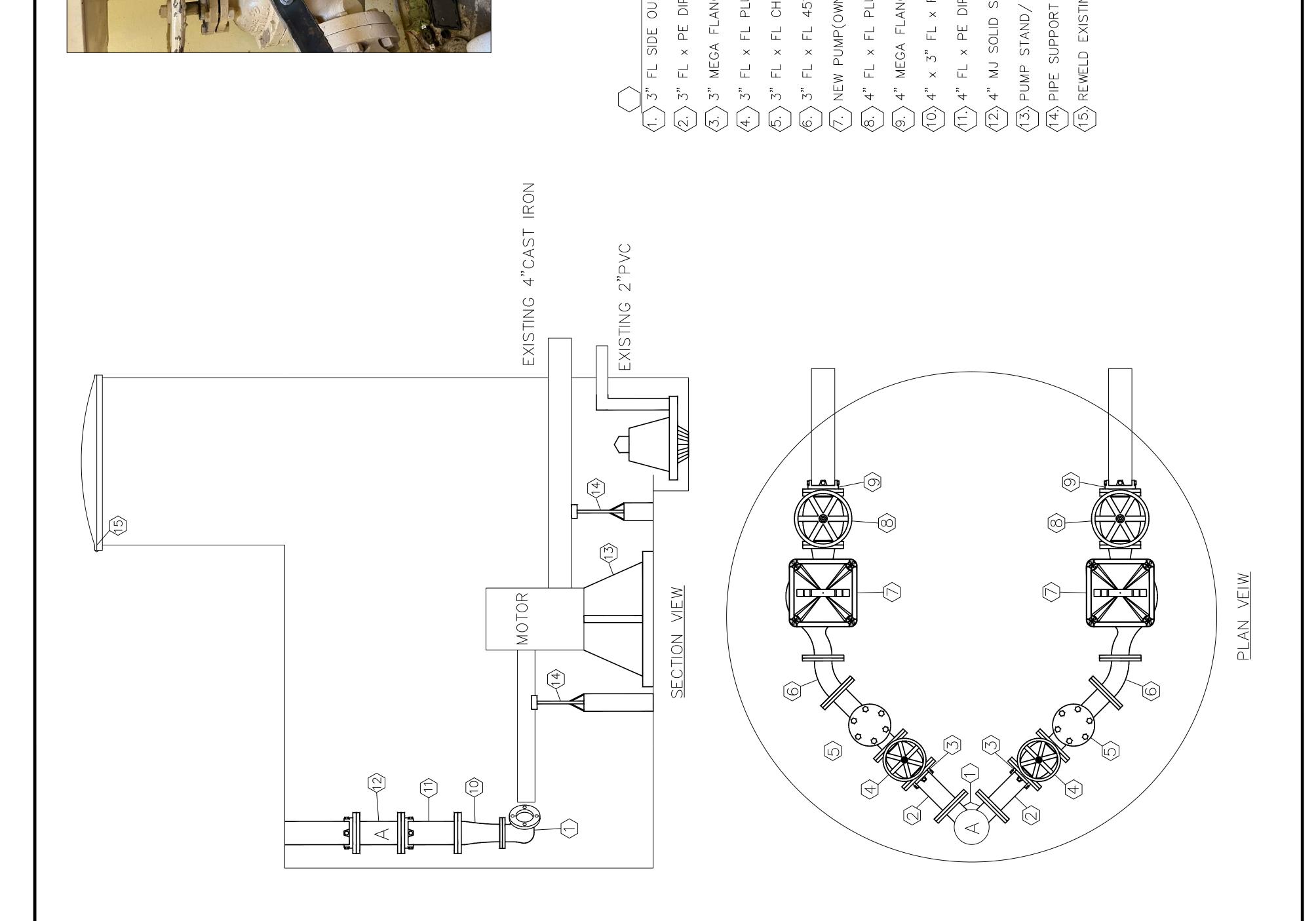
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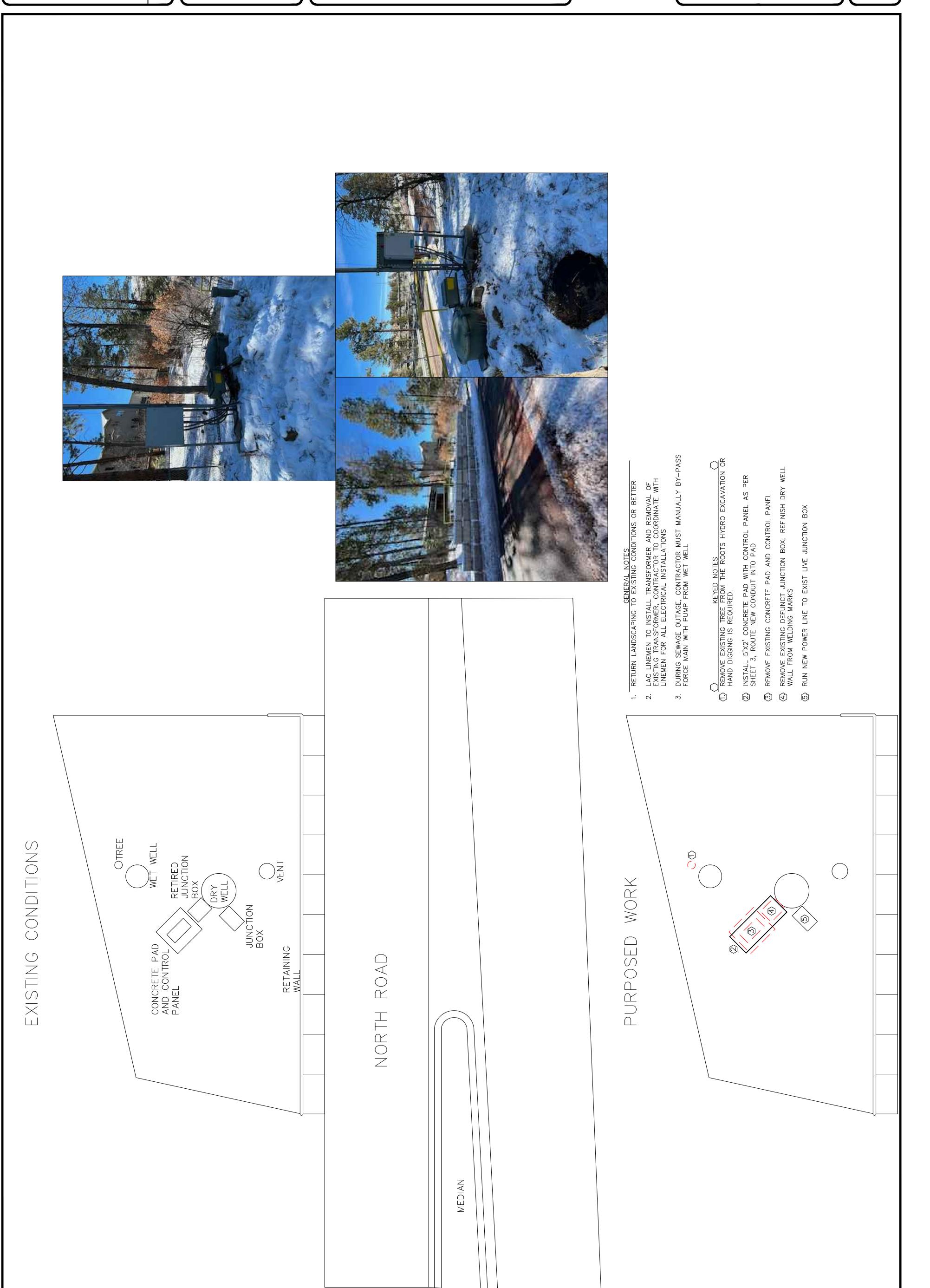
LIFT STATION IMPROVEMENTS

SITE PLAN :3TAQ APPROVED BY: :Y8 NWAAQ **LOS ARBOLES** DESIGNED BA:

:BJADS

ON

REVISION DESCRIPTION



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(505) 662-8333 FAX: (505) 662-8005 **UTILITIES** 

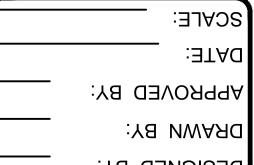
**LOS ALAMOS, NEW MEXICO 87544** 1000 CENTRAL AVE., SUITE 130 DEPARTMENT OF PUBLIC **OF LOS ALAMOS** 

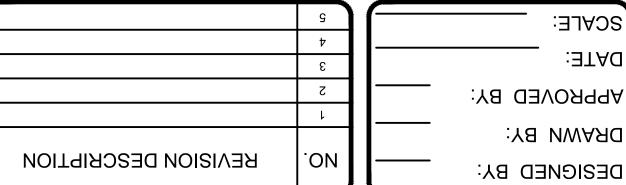
INCORPORATED COUNTY

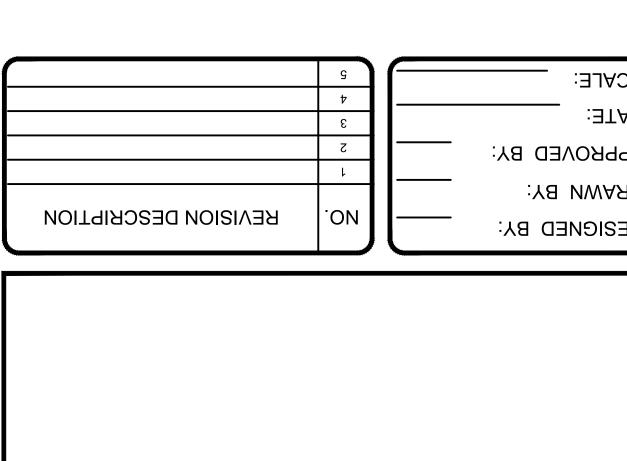
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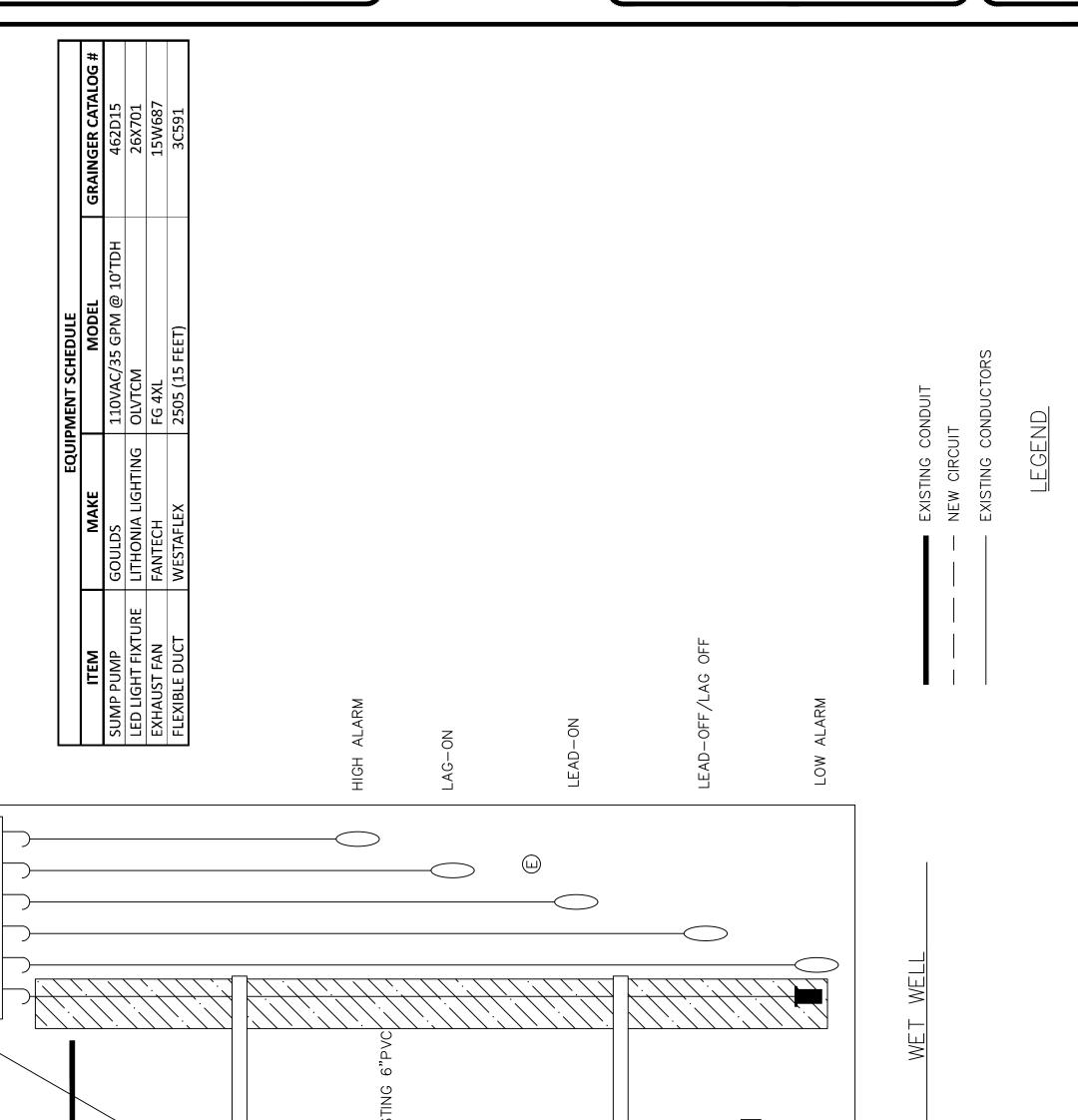
## **ELECTRICAL IMPROVEMENTS**

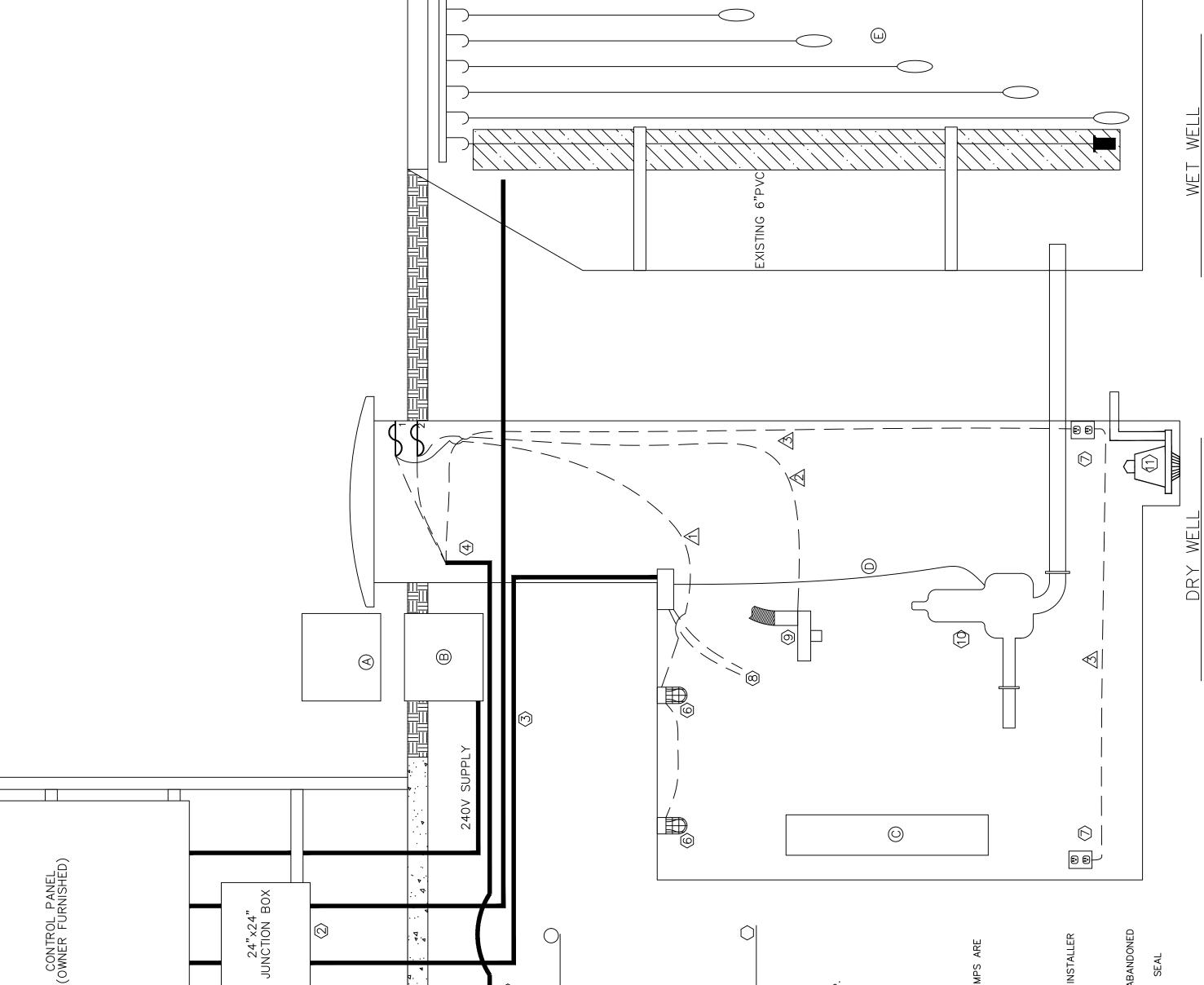
#### LIFT STATION IMPROVEMENTS **LOS ARBOLES**











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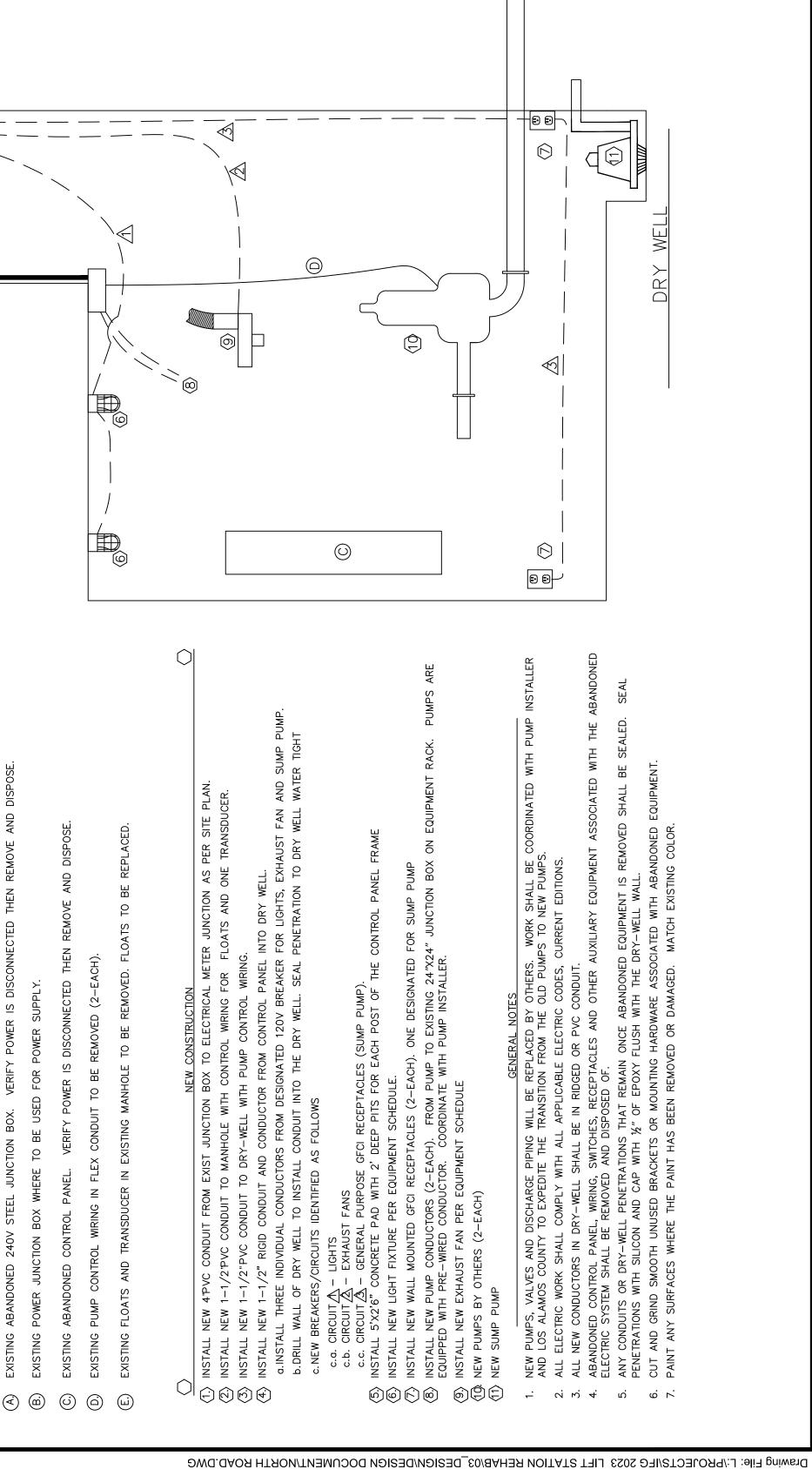
/CONTROLS

ELECTRICAL

EXISTING

240/120 SERVICE PANEL

(CONTRACTOR FURNISHED)



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**LOS ARBOLES** 

:3TAQ APPROVED BY: DRAWN BY:

SCALE:

DESIGNED BA:

PIPE DISCHARGE

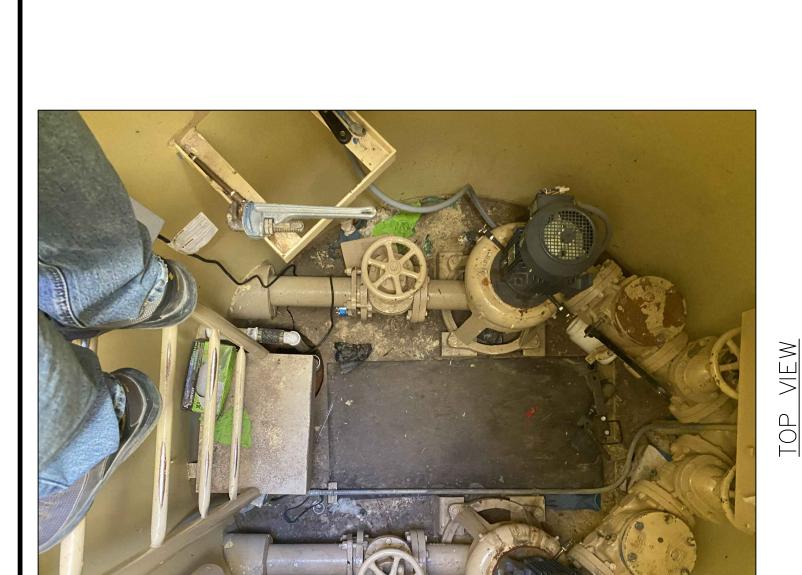


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ON

REVISION DESCRIPTION



SIDE OUTLET 90° BEND(OWNER FURNISHED)

MEGA FLANGE(OWNER FURNISHED) SPOOL × PE DIP

x FL CHECK VALVE(OWNER FURNISHED) FL x FL PLUG VALVE(OWNER FURNISHED) (J) (<del>4</del>)

4" FL x FL PLUG VALVE(OWNER FURNISHED)  $\langle 7. \rangle$  NEW PUMP(OWNER FURNISHED) × FL 45° BEND (w)

4" MEGA FLANGE(OWNER FURNISHED) x 3" FL x FL REDUCER (10<u>)</u> 6

SOLID SLEEVE W/MEGALUGS 4" FL x PE DIP SPOOL (12;)

(13.) PUMP STAND/ ADJUSTABLE HEIGHT/ WELDED TO FLOOR (14.) PIPE SUPPORT

(15.) REWELD EXISTING LID HINGE TO USABLE STATE

ANSI FLANGES

COATED FIELD C110 DUCTILE IRON FITTINGS SHALL BE AWWA AND FITTINGS PIPE ALL

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THOROUGHLY CLEANED FLOOR SHALL BE REPAINTED WITH NON-SKID EPOXYPAINT: PRIMER AND TWO COATS OF EPOXYPAINT. MATCH EXISTING COLOR BE STATION INTERIOR SHALL B FLOOR PRESSURE WASHED. LIFT AND W. 4. 5

N UNUSED SHALL BE
H WITH THE DRY WELL
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CAP FLUSH WITH ALL PENETRATIONS WHICH REMAIN UNCUT AND PLUGGED NEATLY FLUSH WWALL. PLUG CONDUITS/PIPES WITH SA 0.5 IN THICK HARD SET EPOXY CAWALL 6

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4"CAST IRON 2"PVC EXISTING EXISTING VEIW MOTOR PLAN SECTION