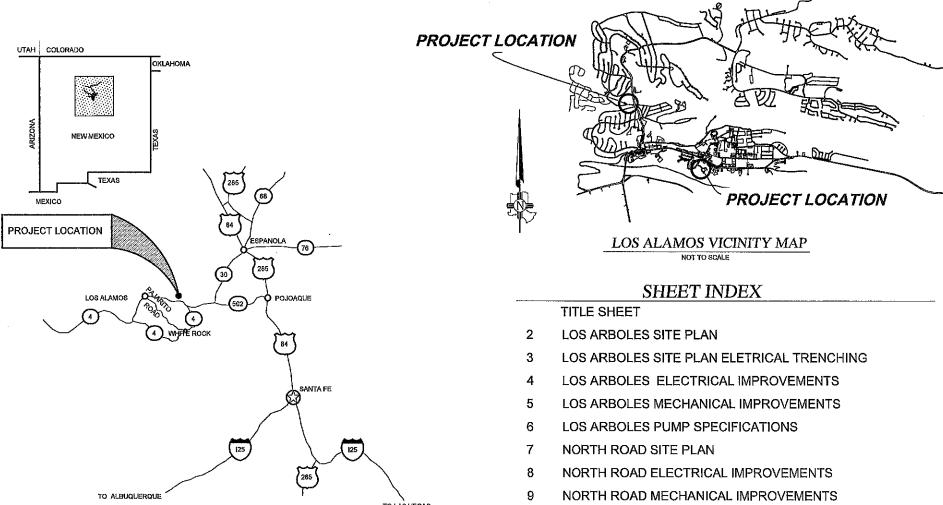
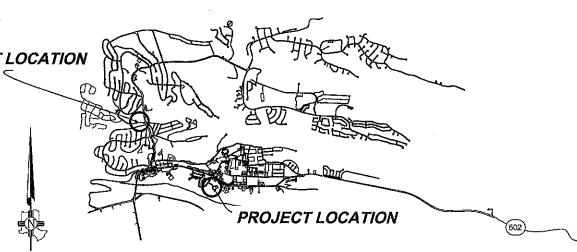
Lift Station Rehabilitation Project - Los Arboles and North Road

IFB-2025-04R LOS ALAMOS COUNTY - NEW MEXICO





- NORTH ROAD PUMP SPECIFICATIONS
- **ELECTRICAL TRENCHING STANDARD**

APPROVED BY:

DEBARTMENT OF PUBLIC UTILITIES PROJECT ENGINEER

NEW MEXICO REGIONAL MAP

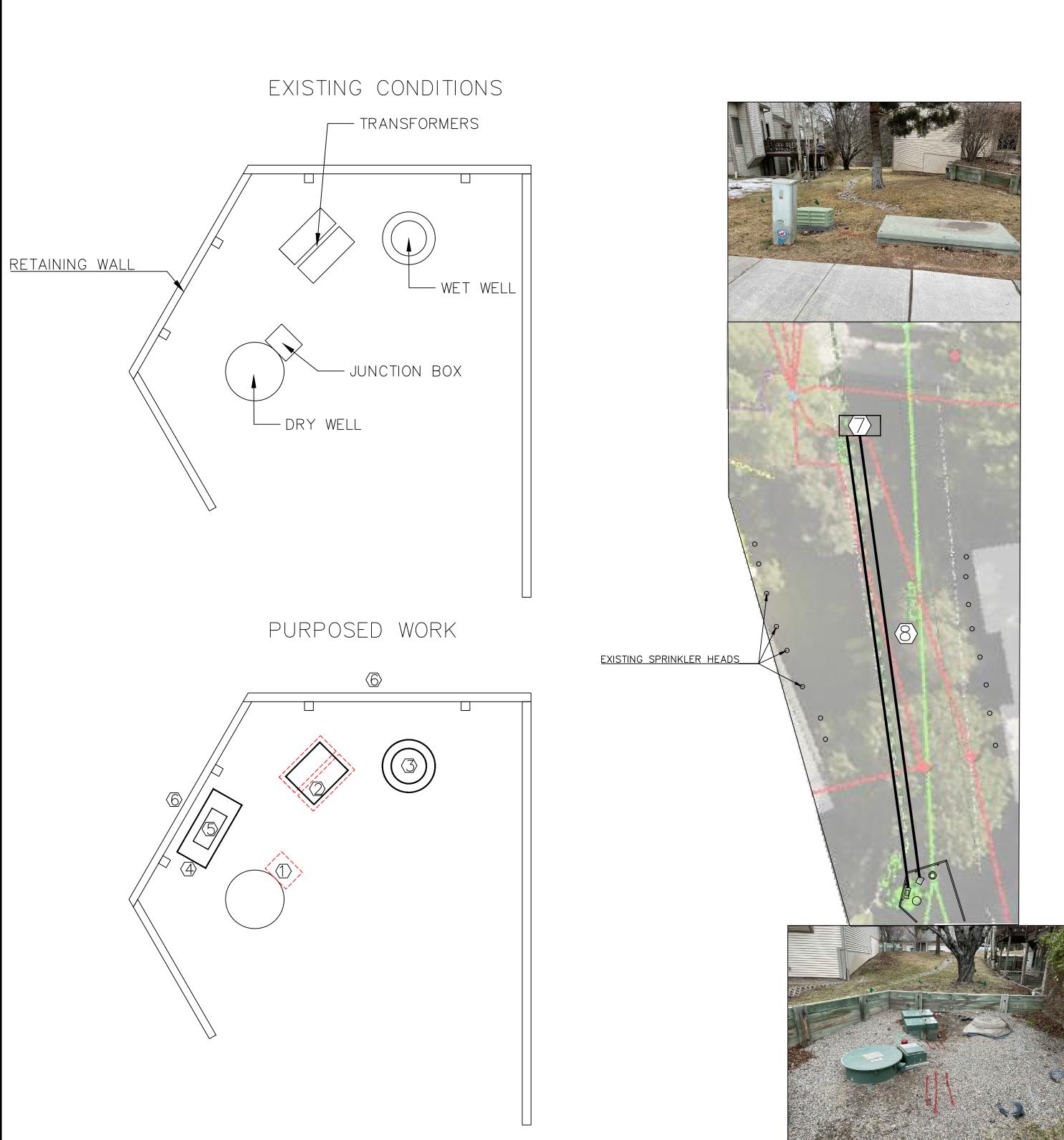
NOT TO SCALE

TO JEMEZ SPRINGS

LOS ALAMOS

TO POJOAQUE

WHITE ROCK VICINITY MAP



GENERAL NOTES

1. EXISTING SPRINKLER IRRIGATION SYSTEM PIPING LOCATION UNKNOWN, SPRINKLER HEADS NEAR BUILDINGS. COORDINATE WITH HOA TO LOCATE

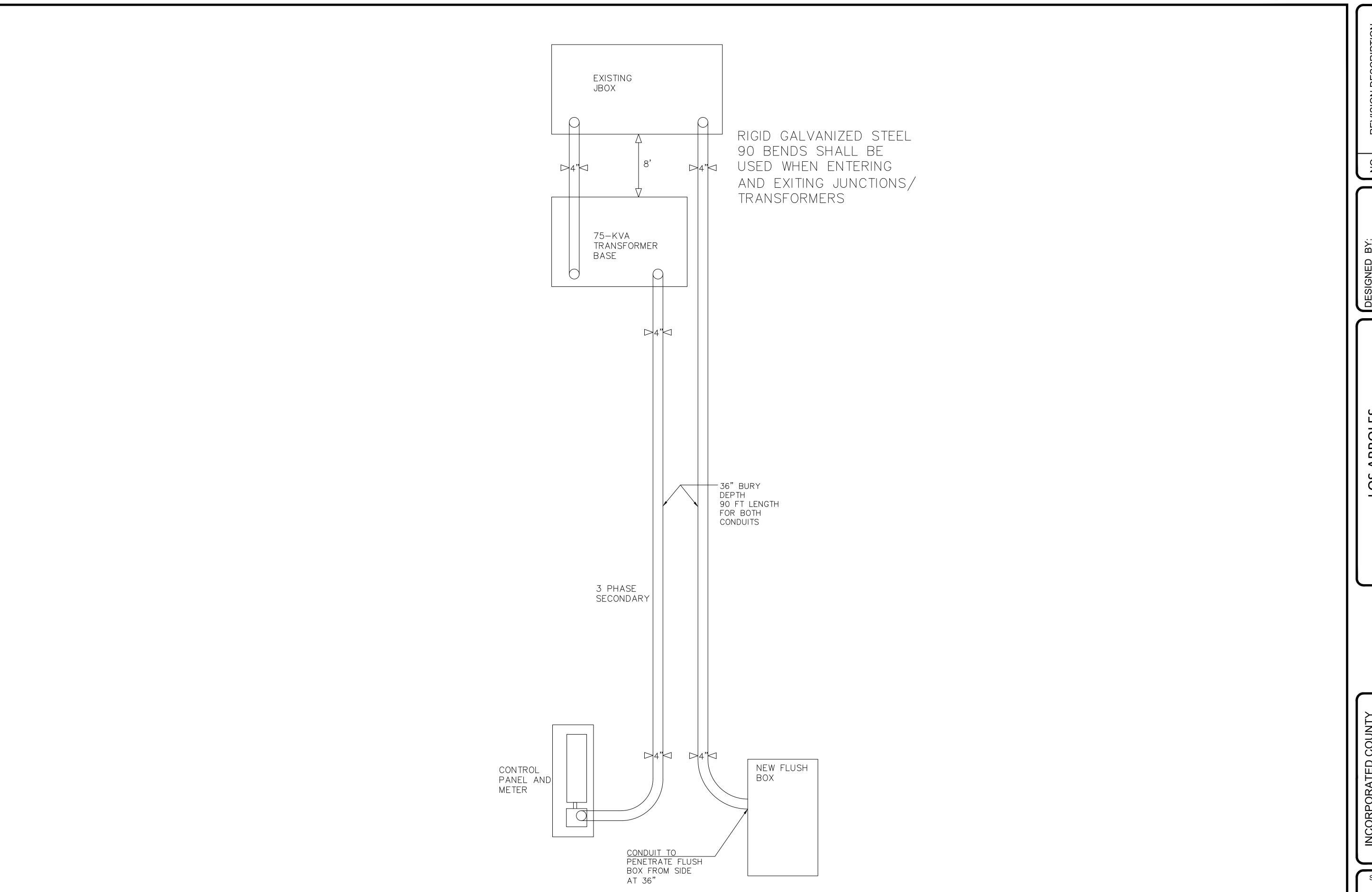
2. HAND DIGGING REQUIRED AROUND TREE ROOTS

WELDING MARKS

- 3. RETURN LANDSCAPING TO EXISTING CONDITIONS OR BETTER
- 4. LAC LINEMEN TO INSTALL TRANSFORMER AND REMOVAL OF EXISTING TRANSFORMER, CONTRACTOR TO COORDINATE WITH LINEMEN FOR ALL ELECTRICAL INSTALLATIONS
- 5. DURING SEWAGE OUTAGE, CONTRACTOR MUST MANUALLY BY-PASS FORCE MAIN WITH PUMP FROM WET WELL

KEYED NOTES (1.) REMOVE EXISTING JUNCTION BOX REFINISH DRY WELL WALL FROM

- (2) CONTRACTOR TO EXCAVATING EXISTING TRANSFORMER BOXES AND INSTALL NEW FLUSH BOX AS PER STANDARDS IN COORDINATION WITH DPU LINEMEN
- (3) REMOVE EXISTING BROKEN 4' RING AND COVER. REPLACE EXISTING COLLAR AND LID WITH NEW CONCRETE COLLAR AND LID
- (4) INSTALL 5'X2' CONCRETE PAD ROUTE NEW CONDUIT INTO PAD
- (5) INSTALL NEW CONTROL PANEL AS DETAILED ON SHEET 4
- (6) REMOVE EXISTING TIMBER BEAMS AS NEEDED FOR ACCESS AND REPLACE TO EXISTING CONDITIONS AT COMPLETION OF WORK
- $\langle 7 \rangle$ install concrete pad for New Electrical transformer as PER STANDARDS, TRANSFORMER BE INSTALLED BY DPU LINEMAN. REFER TO SHEET 2A FOR DETAILS
- (8) INSTALL 2-90FT 4" CONDUITS FROM TRANSFORMER TO NEW CONTROL PANEL AND NEW FLUSH BOX, AND 9FT 4" CONDUIT FROM EXISTING JBOX TO NEW TRANSFORMER. OWNER TO PROVIDE WIRING. DPU LINEMEN TO PULL THE CABLES ON PRIMARIES AND CONTRACTOR TO SECONDARIES. REFER TO SHEET 2A FOR DETAILS



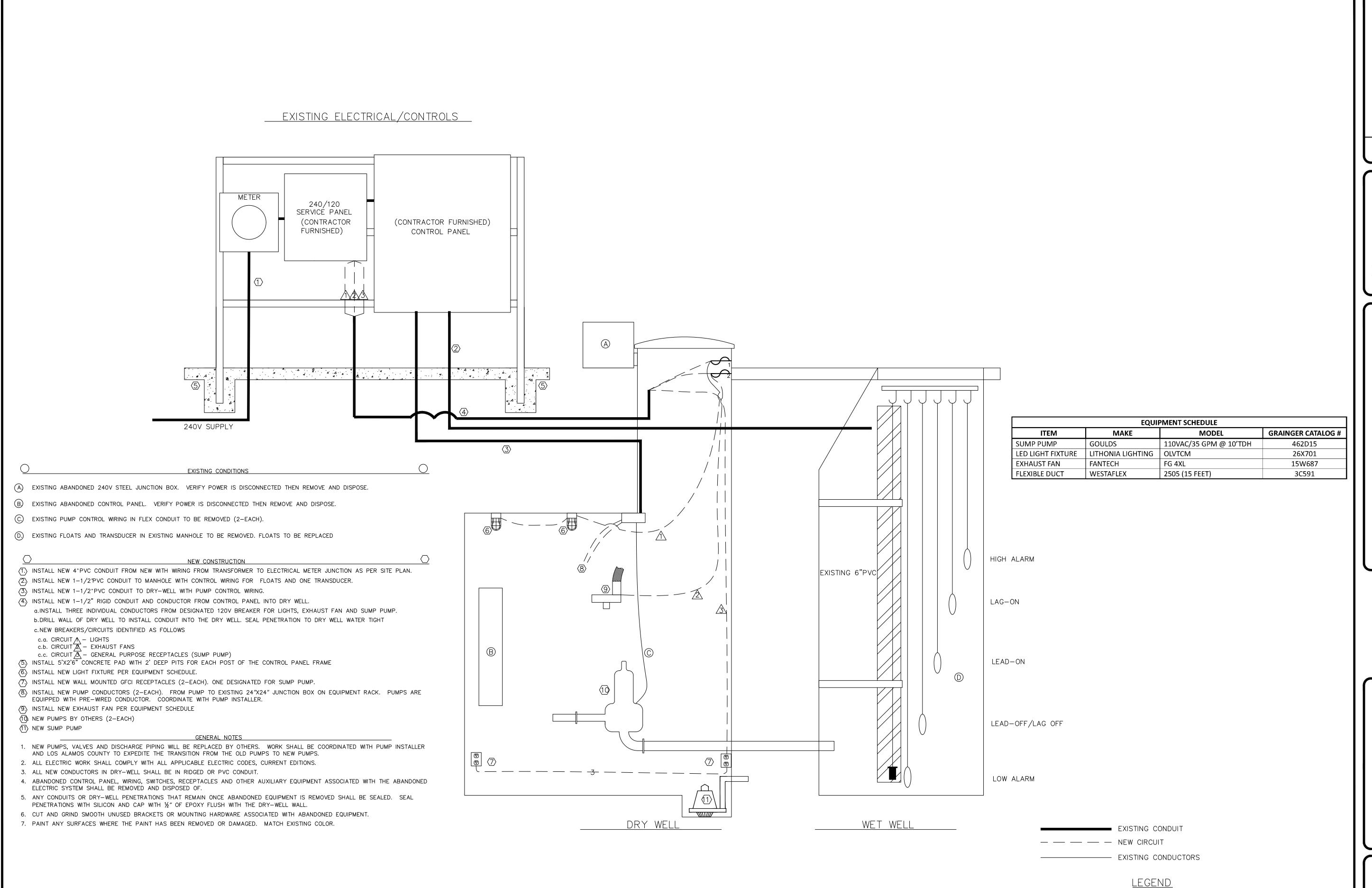
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NCORPORATED COUNTY
OF LOS ALAMOS
DEPARTMENT OF PUBLIC
UTILITIES
1000 CENTRAL AVE., SUITE 130

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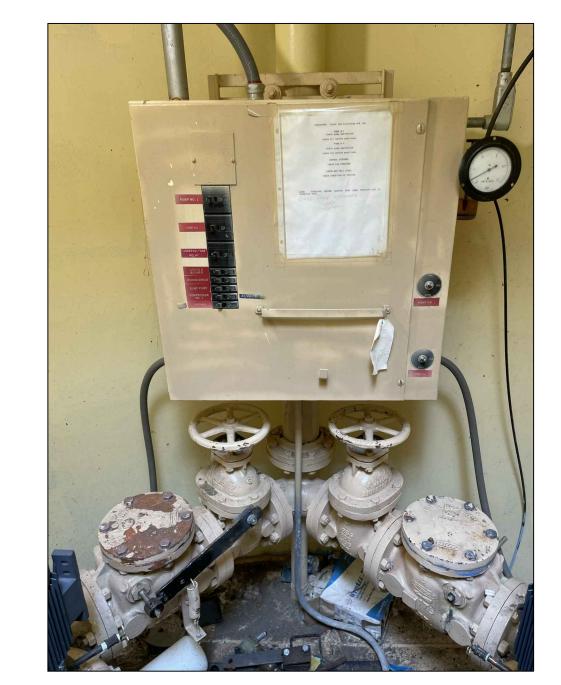
IMPROVEMENT

STATION IMPROVEMENTS

<u>PLAN VEIW</u>







<u>Discharge</u> pipe

 $\langle 2. \rangle$ 3" FL x PE DIP SPOOL

 $\langle \overline{3}. \rangle$ 3" MEGA FLANGE(OWNER FURNISHED)

 $\langle 4. \rangle$ 3" FL x FL PLUG VALVE(OWNER FURNISHED)

 $\langle 5. \rangle$ 3" FL x FL CHECK VALVE(OWNER FURNISHED)

 $\langle 6. \rangle$ 3" FL x FL 45° BEND

 $\langle 7. \rangle$ NEW PUMP(OWNER FURNISHED)

 $\langle 8. \rangle$ 4" FL x FL PLUG VALVE(OWNER FURNISHED)

 $\langle 9. \rangle$ 4" MEGA FLANGE(OWNER FURNISHED)

(10) 4" x 3" FL x FL REDUCER

 $\langle 11. \rangle$ 4" FL x PE DIP SPOOL

(12), 4" MJ SOLID SLEEVE W/MEGALUGS

(13) PUMP STAND/ ADJUSTABLE HEIGHT/ WELDED TO FLOOR

(14.) PIPE SUPPORT

(15.) REWELD EXISTING LID HINGE TO USABLE STATE

GENERAL NOTES

1. ALL FLANGES ANSI 125 OR ANSI 150

2. ALL FITTINGS AWWA C110 DUCTILE IRON

3. ALL PIPE AND FITTINGS SHALL BE FIELD COATED

4. LIFT STATION INTERIOR SHALL BE THOROUGHLY CLEANED

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

6. 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

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

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

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

NO. REVISION DESCRIPTION

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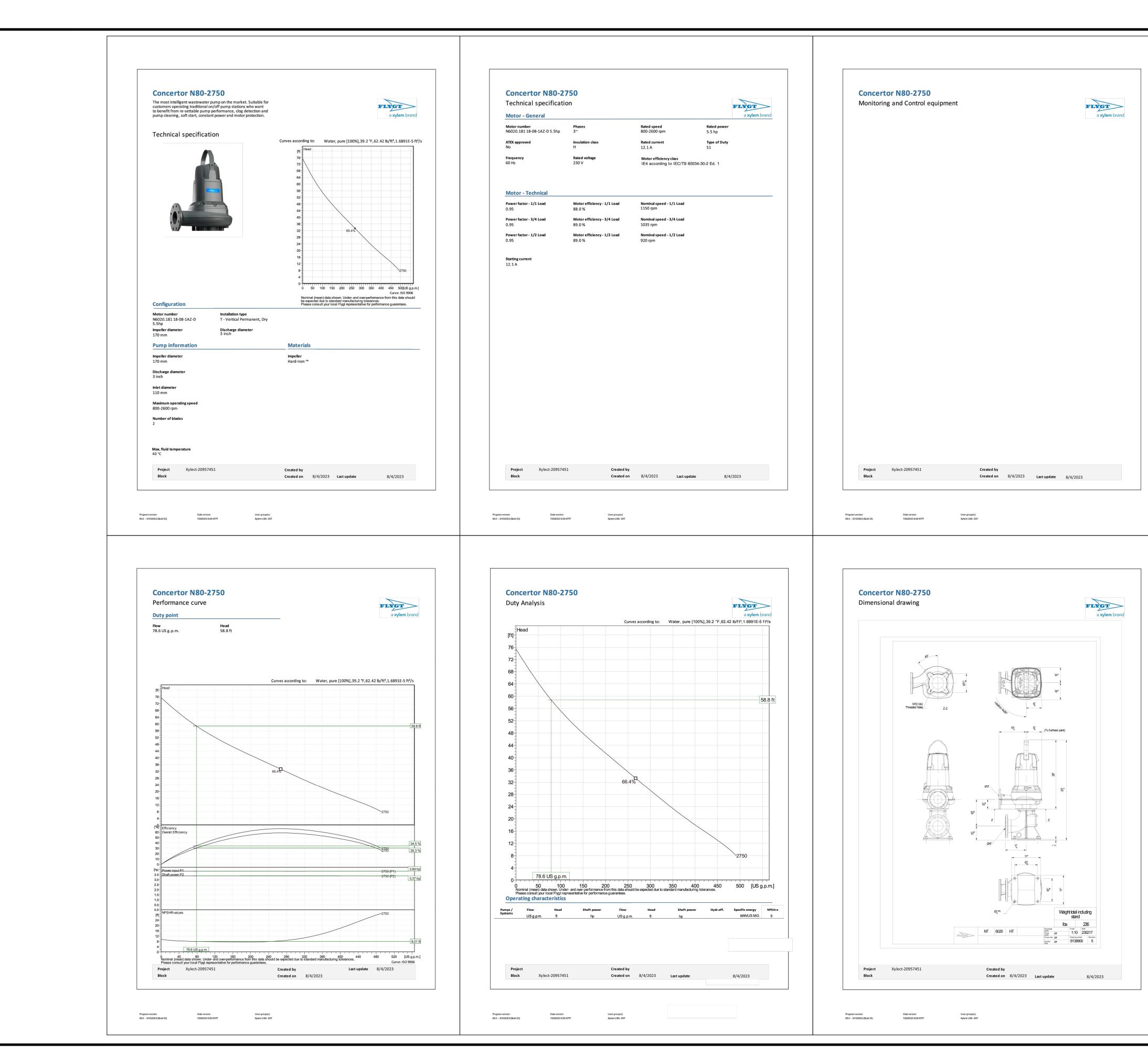
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DEPARTMENT OF PUBLIC

UTILITIES

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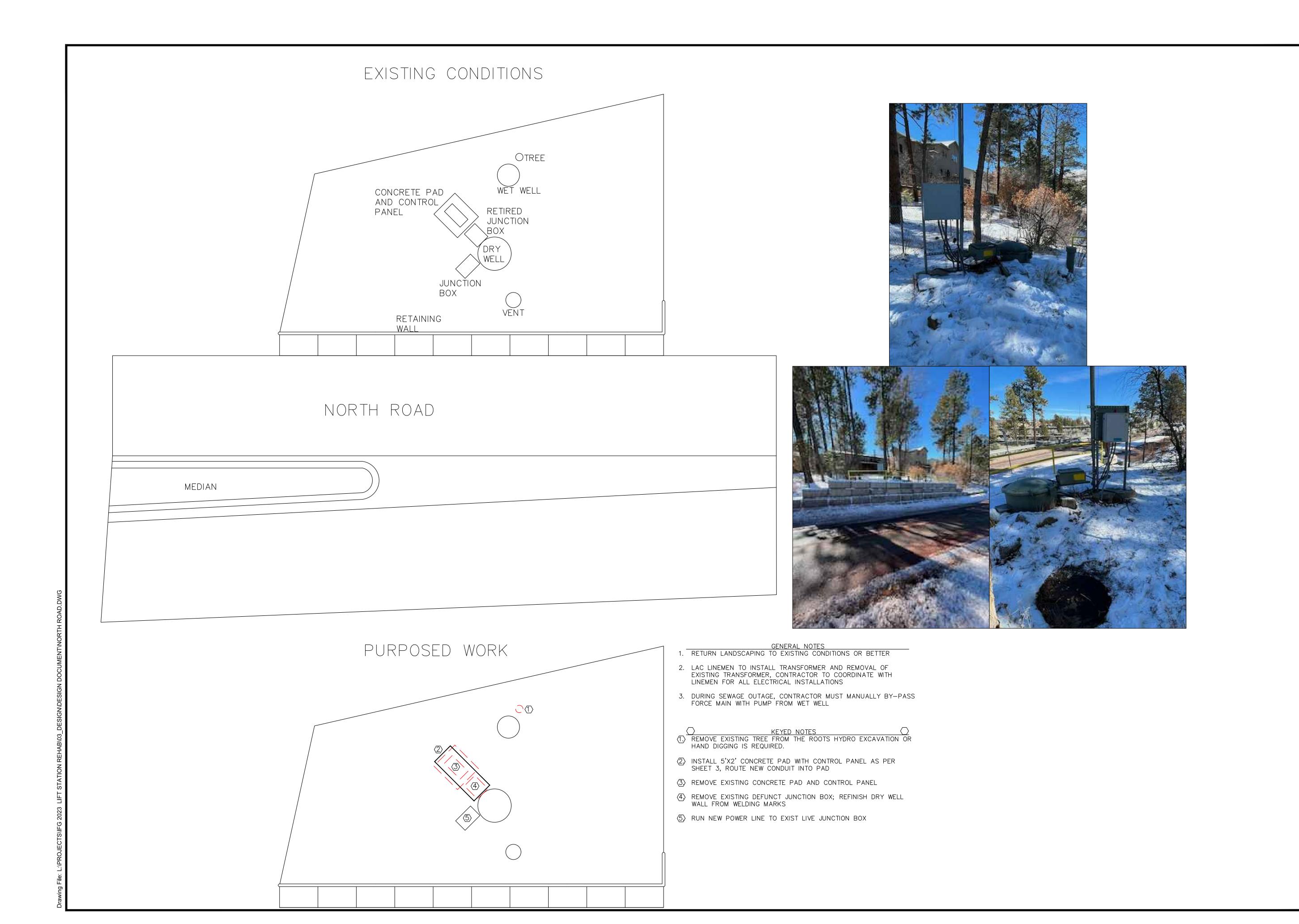
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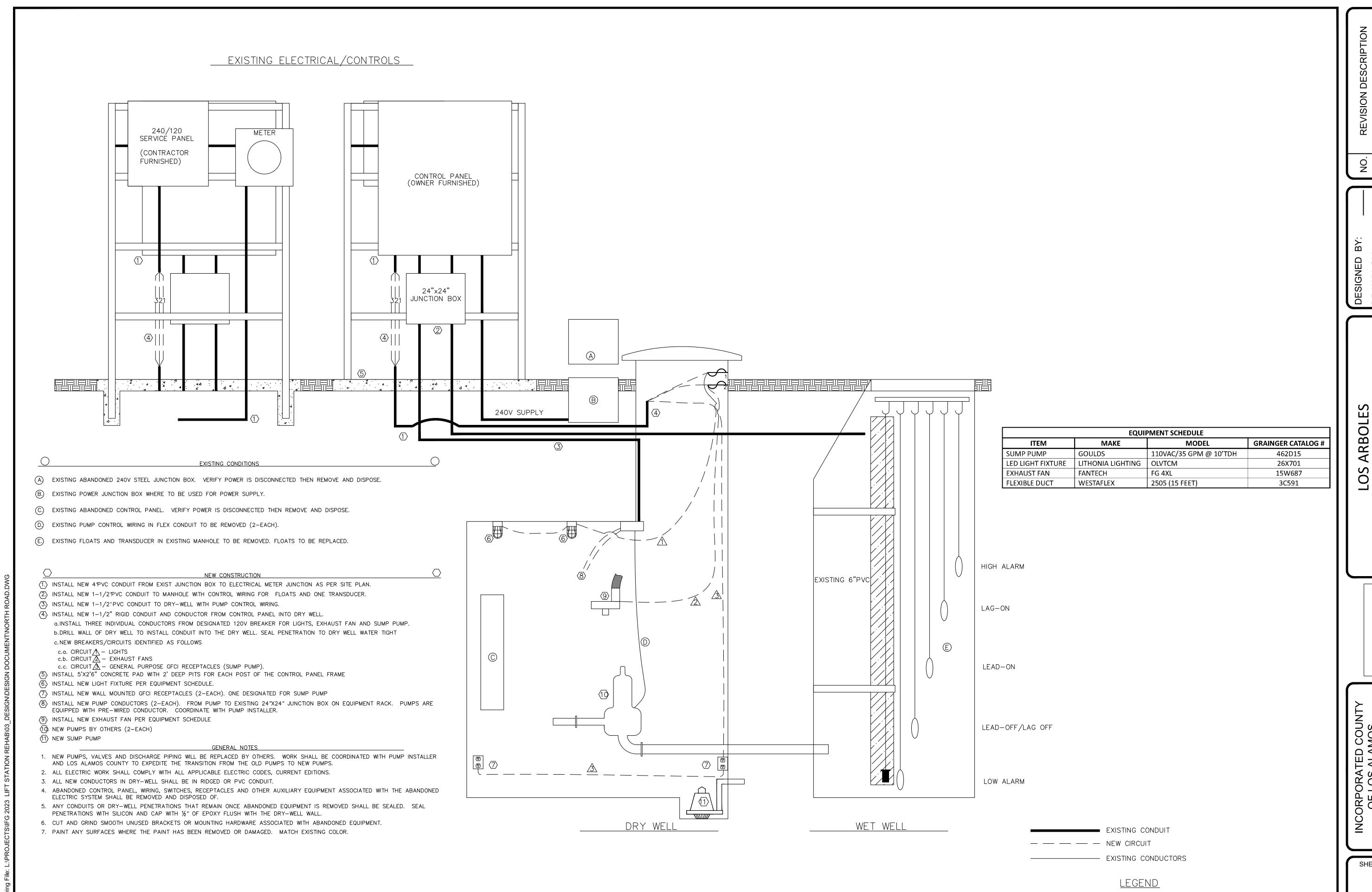
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DEPARTMENT OF PUBLIC

UTILITIES

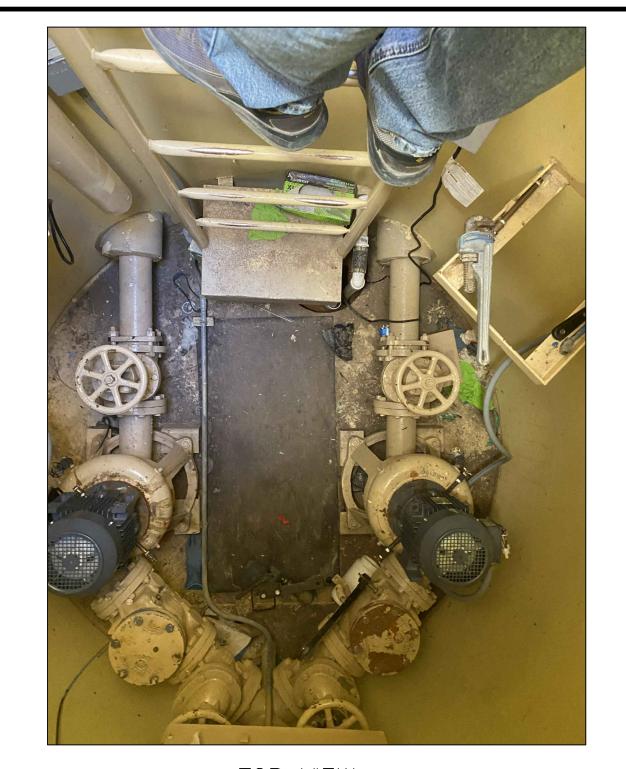
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IMPROVEMENTS

IMPROVEMENT

BY:







<u>DISCHARGE PIPE</u>

- <u>KEYED NOTES</u>
 (1.) 3" FL SIDE OUTLET 90° BEND(OWNER FURNISHED)
- $\langle 2. \rangle$ 3" FL x PE DIP SPOOL
- $\langle 3. \rangle$ 3" MEGA FLANGE(OWNER FURNISHED)
- 4. 3" FL x FL PLUG VALVE(OWNER FURNISHED)
- $\langle 5. \rangle$ 3" FL x FL CHECK VALVE(OWNER FURNISHED)
- $\langle 6. \rangle$ 3" FL x FL 45° BEND
- $\langle 7. \rangle$ NEW PUMP(OWNER FURNISHED)
- $\langle 8. \rangle$ 4" FL x FL PLUG VALVE(OWNER FURNISHED)
- $\langle 9. \rangle$ 4" MEGA FLANGE(OWNER FURNISHED)
- $\langle 10. \rangle$ 4" x 3" FL x FL REDUCER
- $\langle 11. \rangle$ 4" FL x PE DIP SPOOL
- (12) 4" MJ SOLID SLEEVE W/MEGALUGS
- (13) PUMP STAND/ ADJUSTABLE HEIGHT/ WELDED TO FLOOR
- (14) PIPE SUPPORT
- (15) REWELD EXISTING LID HINGE TO USABLE STATE

- GENERAL NOTES

 1. ALL FLANGES ANSI 125 OR ANSI 150
- 2. ALL FITTINGS AWWA C110 DUCTILE IRON
- 3. ALL PIPE AND FITTINGS SHALL BE FIELD COATED
- 4. LIFT STATION INTERIOR SHALL BE THOROUGHLY CLEANED AND FLOOR PRESSURE WASHED.
- 5. FLOOR SHALL BE REPAINTED WITH NON-SKID EPOXY PAINT: PRIMER AND TWO COATS OF EPOXY PAINT. MATCH EXISTING COLOR
- 6. 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
- 7. ALL AREAS WHERE COATING IS REMOVED OR SCUFFED AS A PART OF THE DEMOLITION SHALL BE REPAINTED. MATCH EXISTING COLOR
- 8. REMOVE AND DISPOSE OF ALL PIPING, FITTINGS, PUMPS, VALVES, CONTROL PANEL AND ELECTRICAL CONDUIT/WIRE BEING REPLACED
- 9. CONTRACTOR SHALL COORDINATE INSTALLATION OF NEW PUMPS WITH DPU GWS OPERATIONS, WHO WILL SUPPORT WITH VACTOR WHILE PUMPS ARE DISABLED

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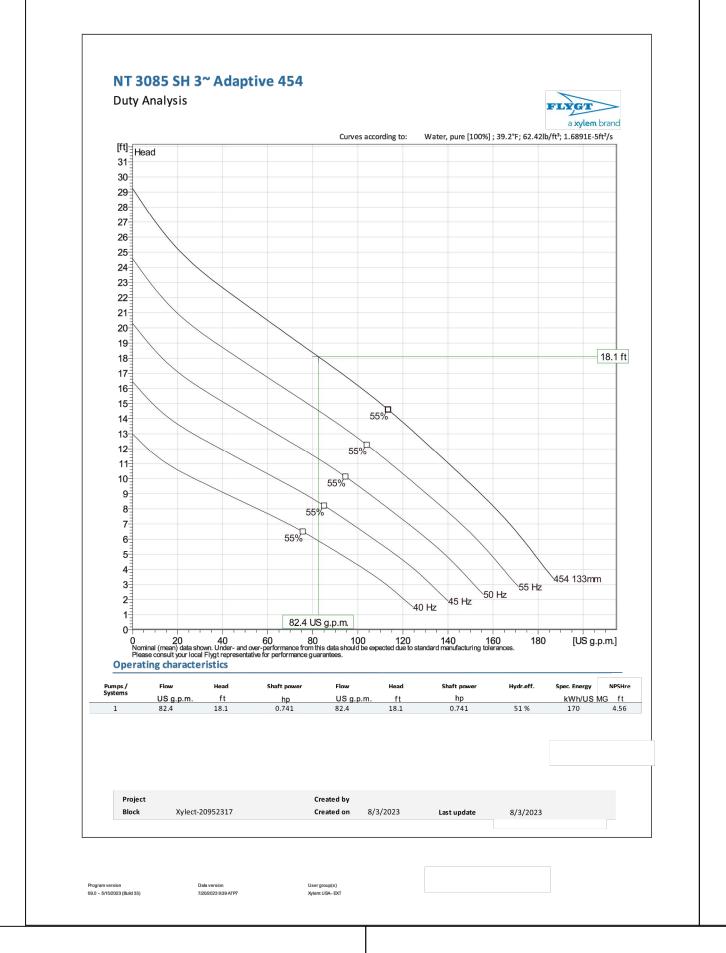
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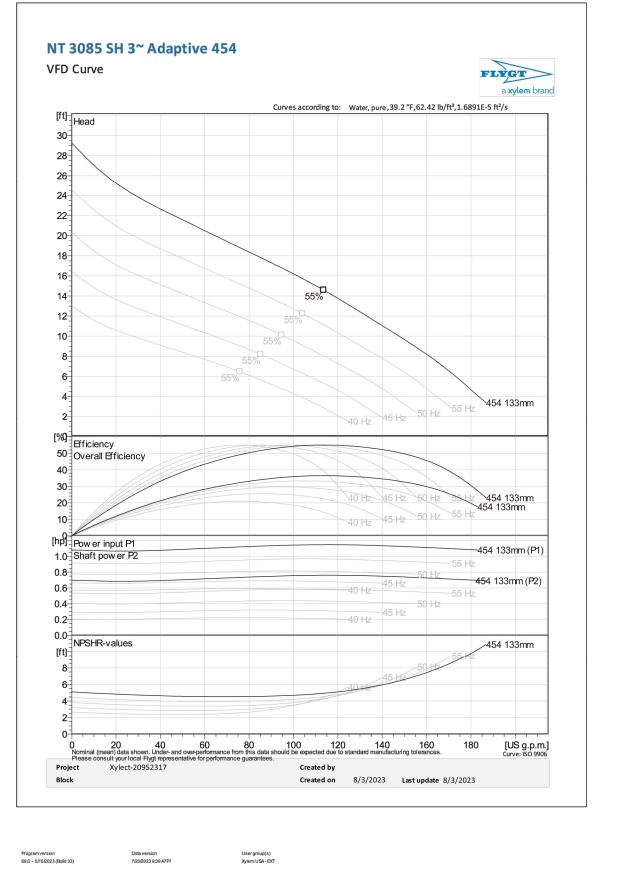
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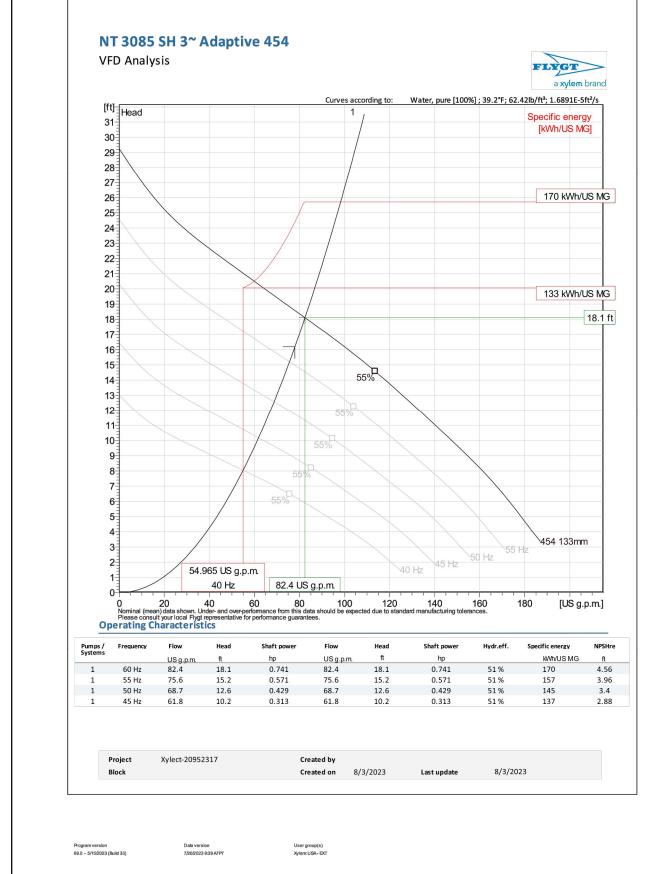
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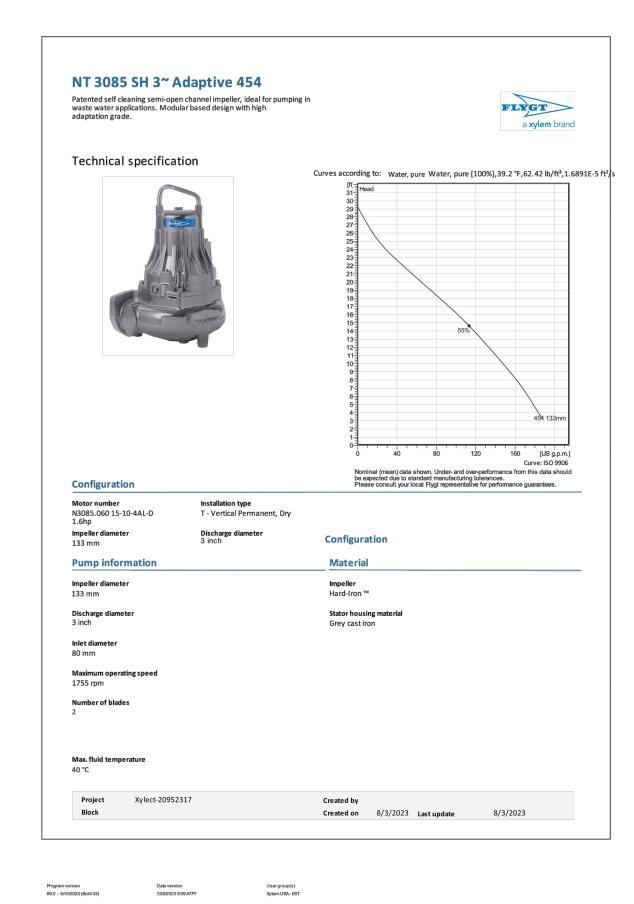
1000 CENTRAL AVE., SUITE 130

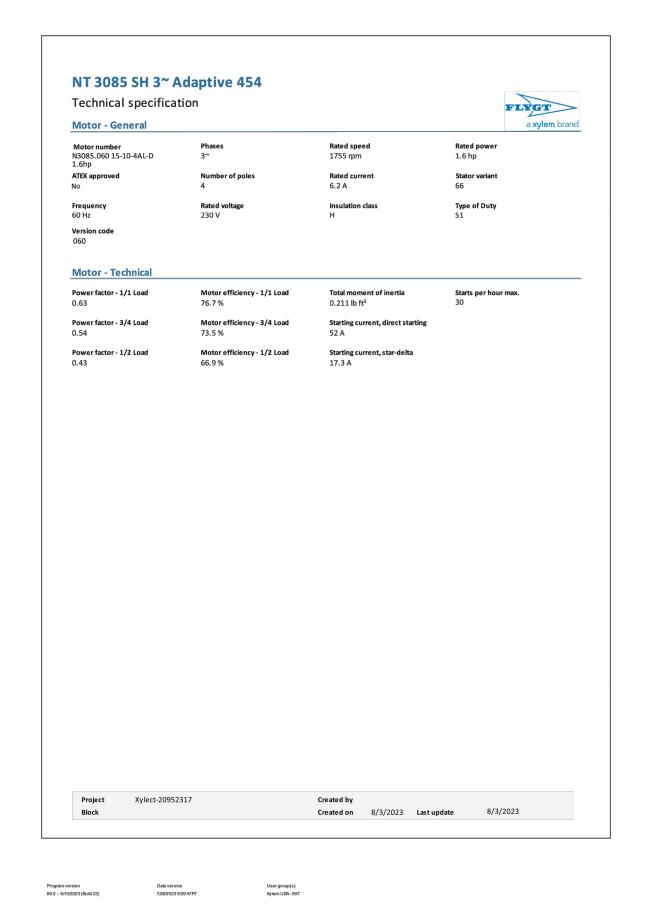
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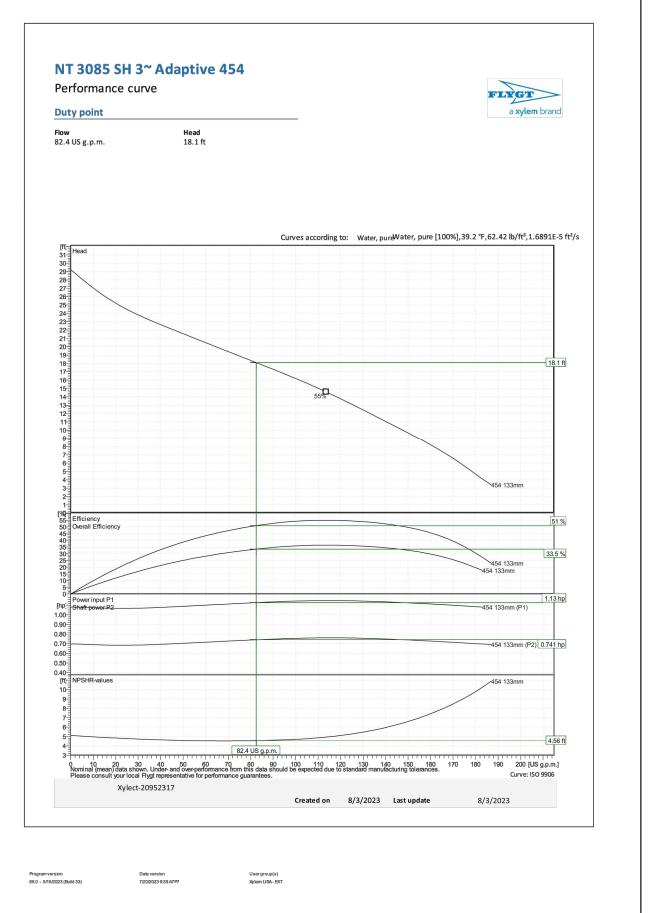


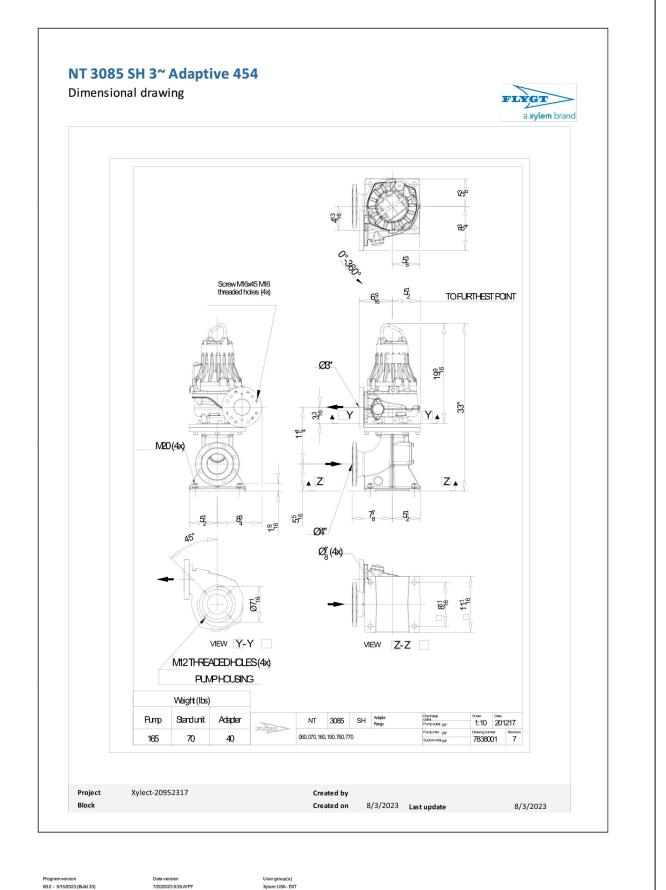












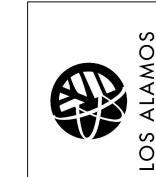


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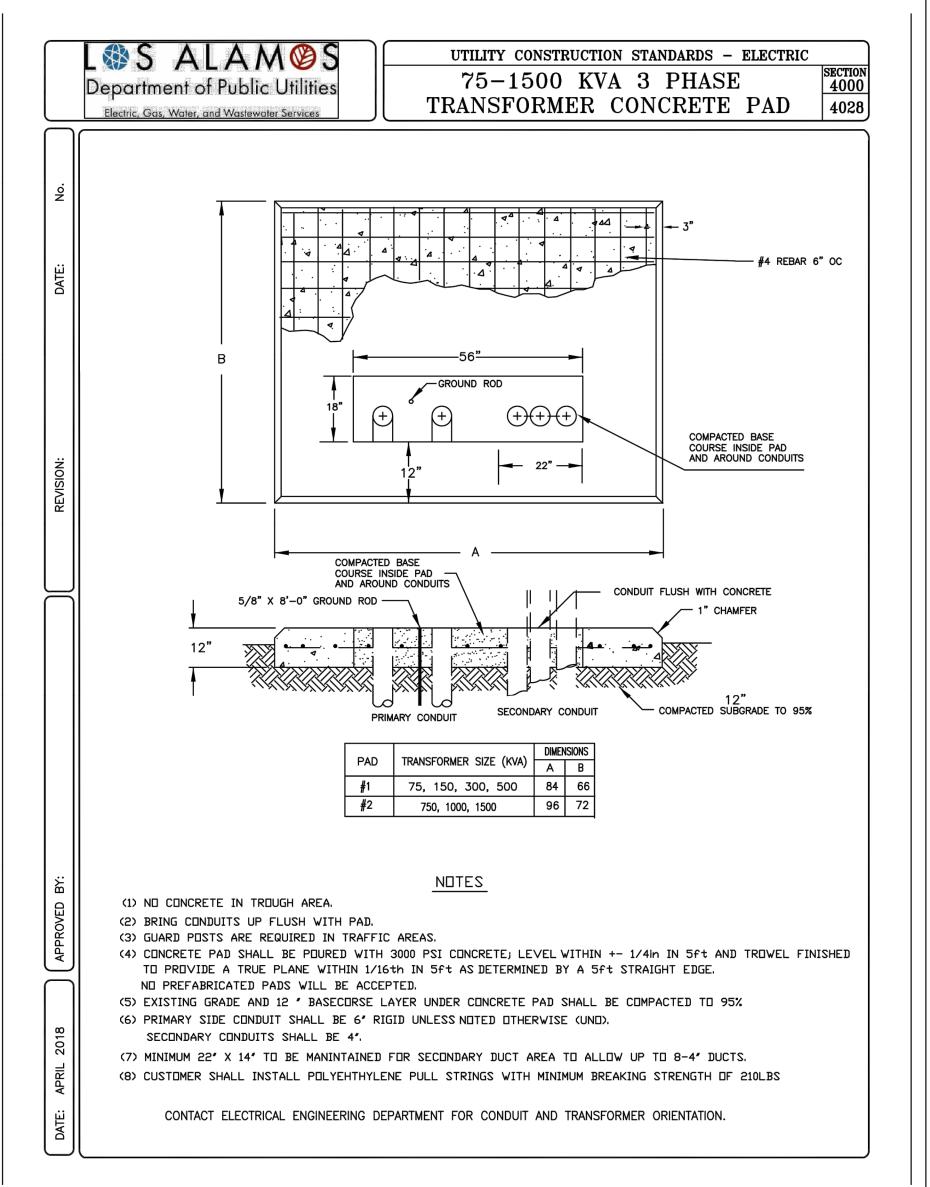
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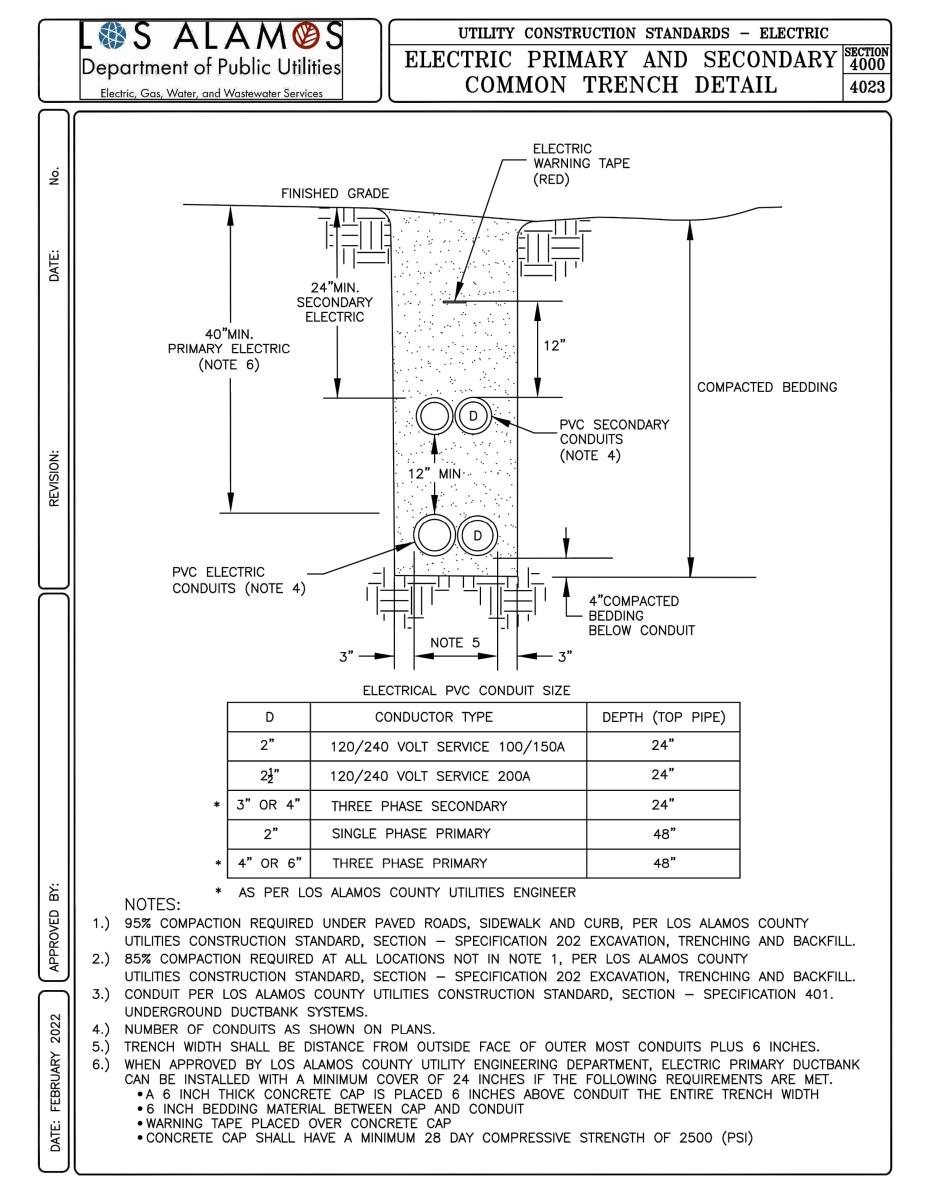
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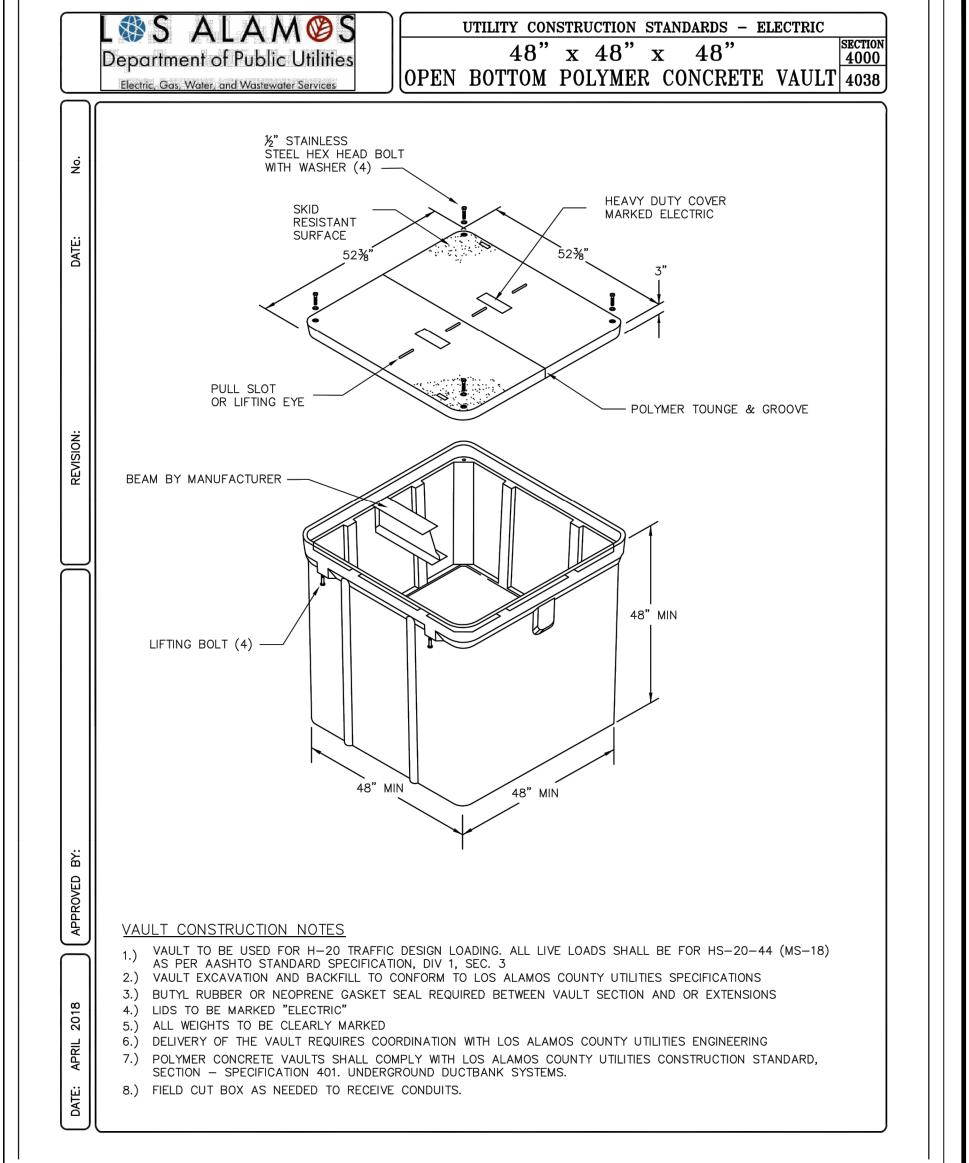
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DEPARTMENT OF PUBLIC
UTILITIES
1000 CENTRAL AVE., SUITE 130
LOS ALAMOS, NEW MEXICO 87544
(505) 662-8333 FAX: (505) 662-8005 INCORPORATED COUNTY OF LOS ALAMOS







LOS ARBOLES FT STATION IMPROVEMEN⁻

LOS ALAMOS

DEPARTMENT OF PUBLIC
UTILITIES
1000 CENTRAL AVE., SUITE 130
OS ALAMOS, NEW MEXICO 87544

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