

**Anthony Water
& Sanitation
District**

1155 N. Fourth Street 505. 882-3922
Mon - Fri 8:00am to 5:00pm Sat 8:00am to 12:00pm



**North American
Development Bank**

Anthony Water & Sanitation District North Wastewater Collection Project & Lift Station Improvements

May 11, 2023

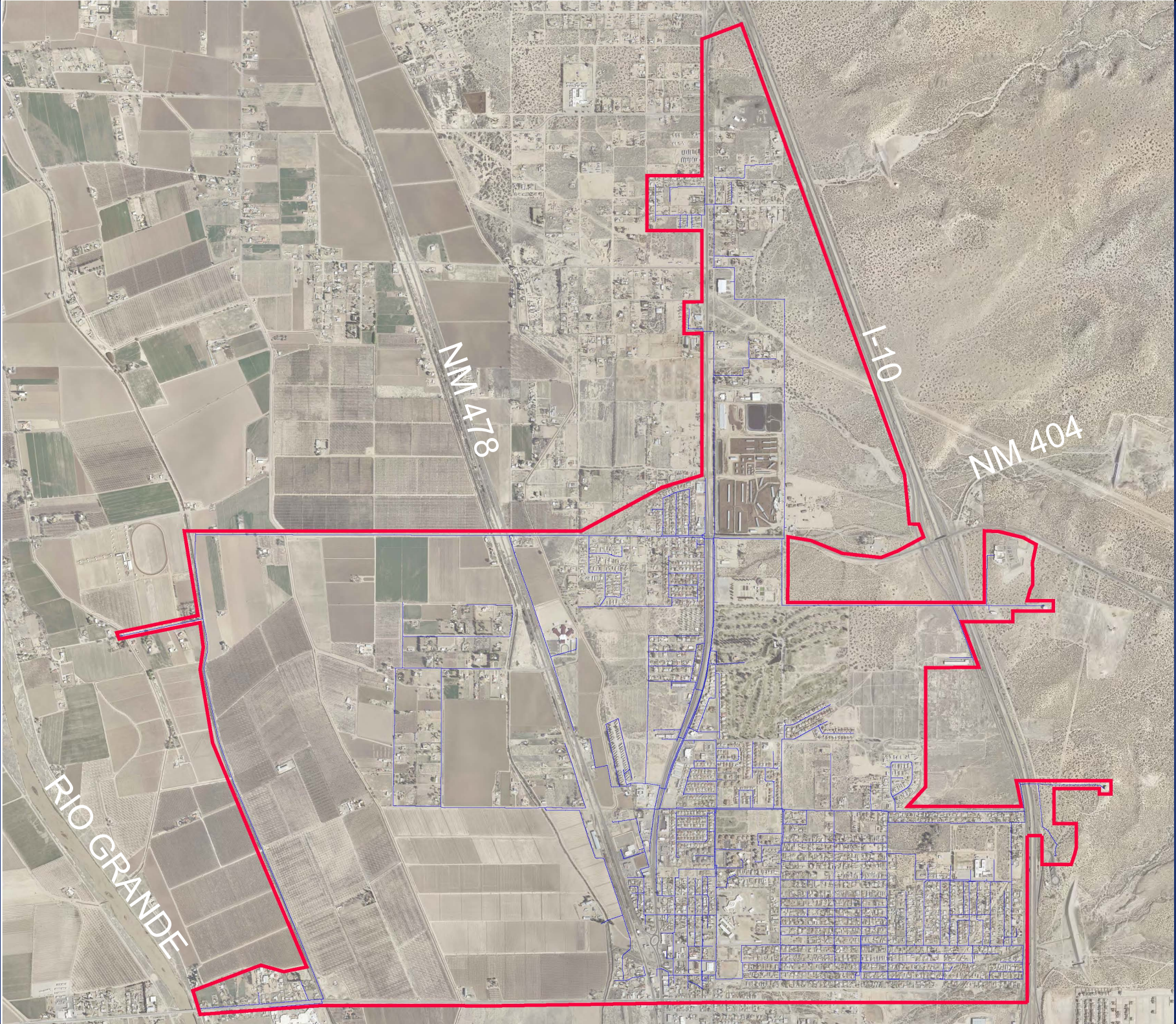
Agenda

- Introductions
- Project Overview
- Purpose & Need
- Sewer Line Route
- Lift Station Improvements
- Environmental Process
- Project Schedule
- Comments/Questions

AWSD History

Anthony Water and Sanitation District -- AWSD began in the early 1980's to provide sanitary sewer collection and treatment of wastewater and has been working to:

- To provide reliable long-term wastewater service to the residents of Anthony.
- To provide reliable wastewater collection and treatment for the community.
- AWSD is currently working on upgrading their treatment facility to improve quality and reliability of the system



RIO GRANDE

NM 478

I-10

NM 404

Project Overview

- Overall Project Goals

- Remove 3 lift Stations
- 4 miles of Gravity Sewer
- Approx. 140 new connections
- Protecting ground water by Removing Septic Systems from the area
- Lift Station Improvements, not completed in first phase

Purpose and Need

- Purpose:
 - Improve and expand the AWSD wastewater system to improve service and reliability
- Need:
 - Remove 3 lift stations from the system
 - Protect ground water
 - Provide sewer service in areas not currently served
 - Complete Lift Station Improvements

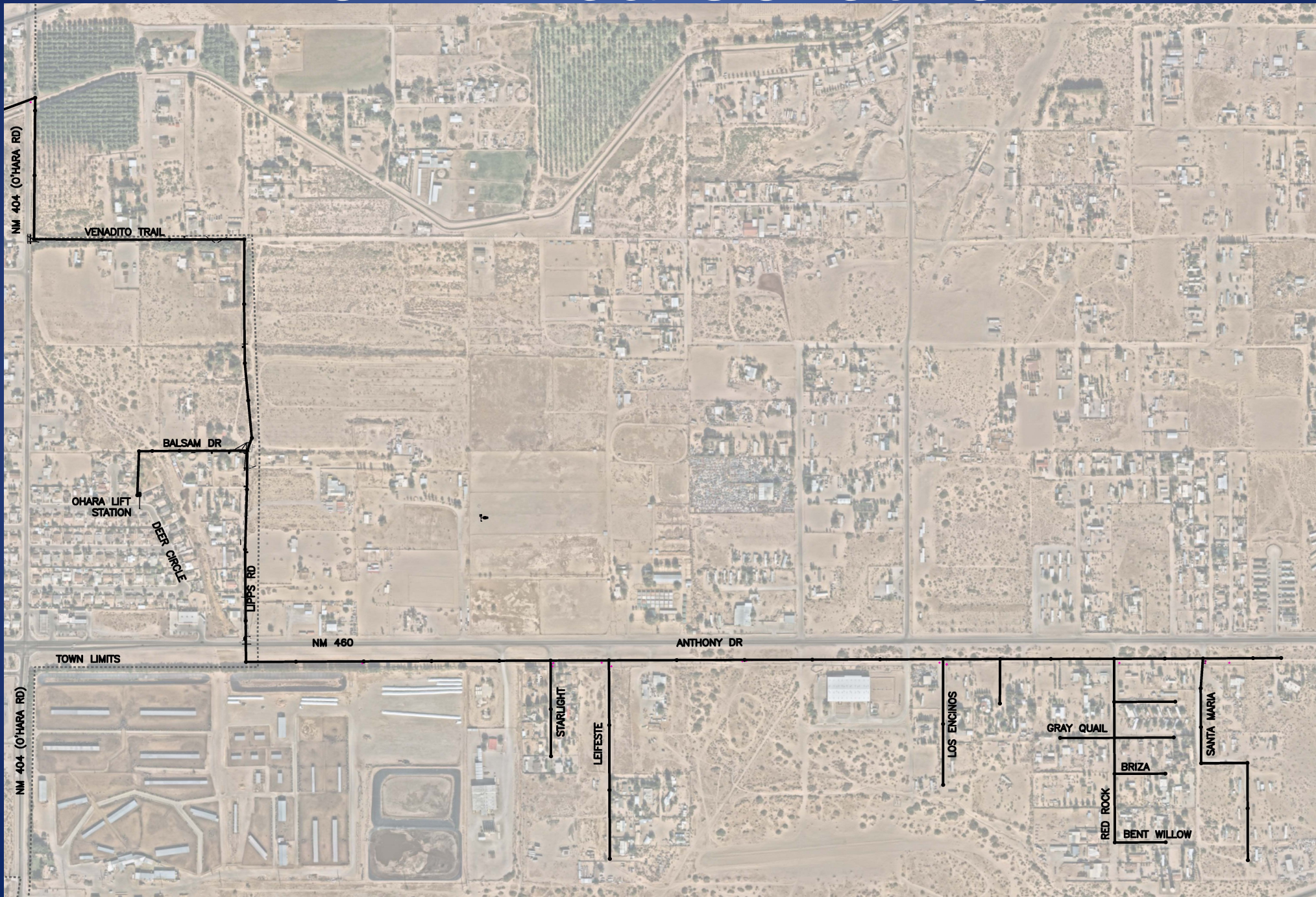
Sewer Line Route

- Beginning at the northern end of the service area
- Along NM 460 / Anthony Drive
- West on Lipps Road
- South on Venadito Trail
- West on Ohara Road
- South along the Anthony Lateral
- Connect Ohara, Bernio, and Crossett Lift Stations

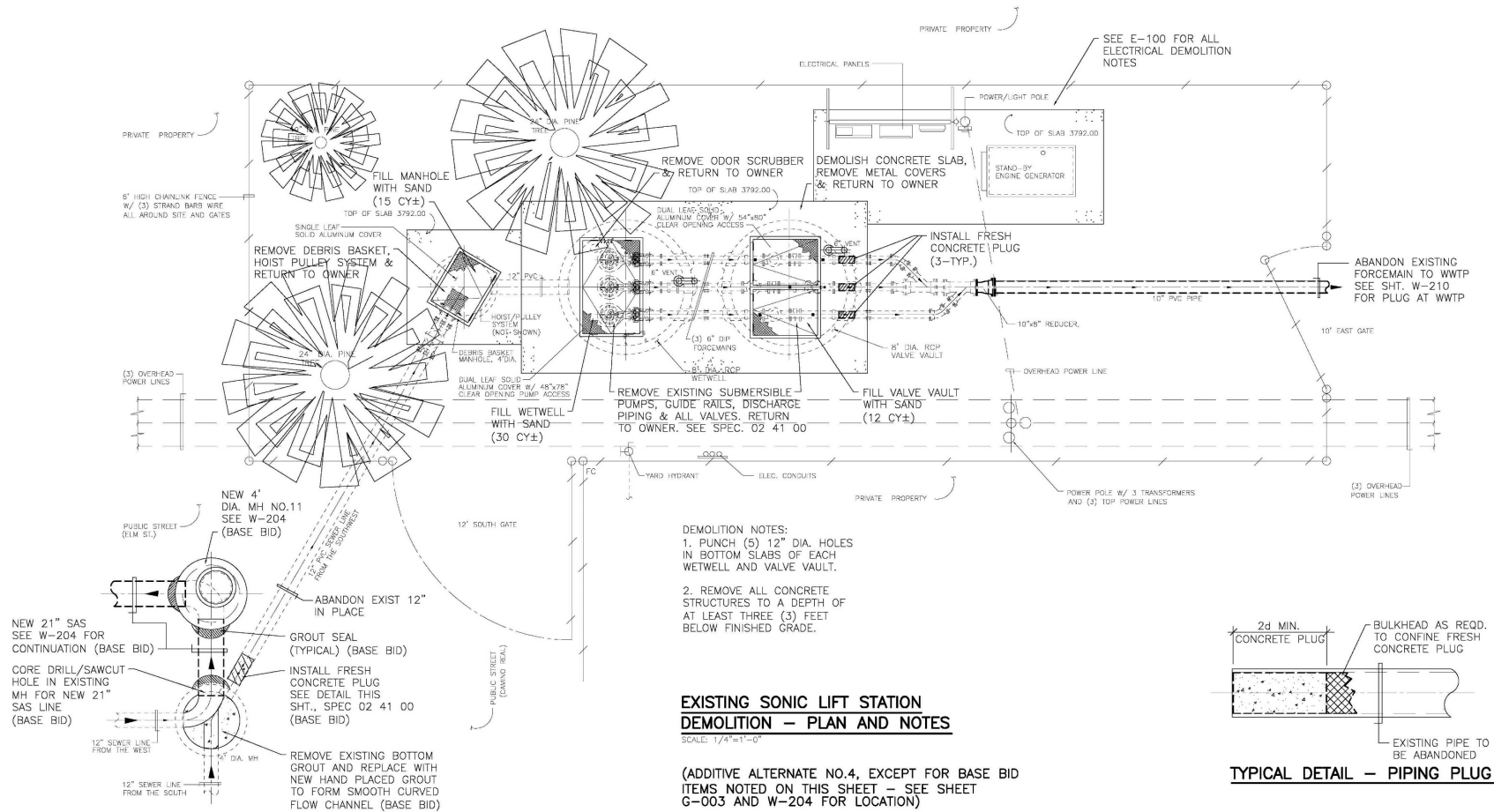
South and Connection to LS



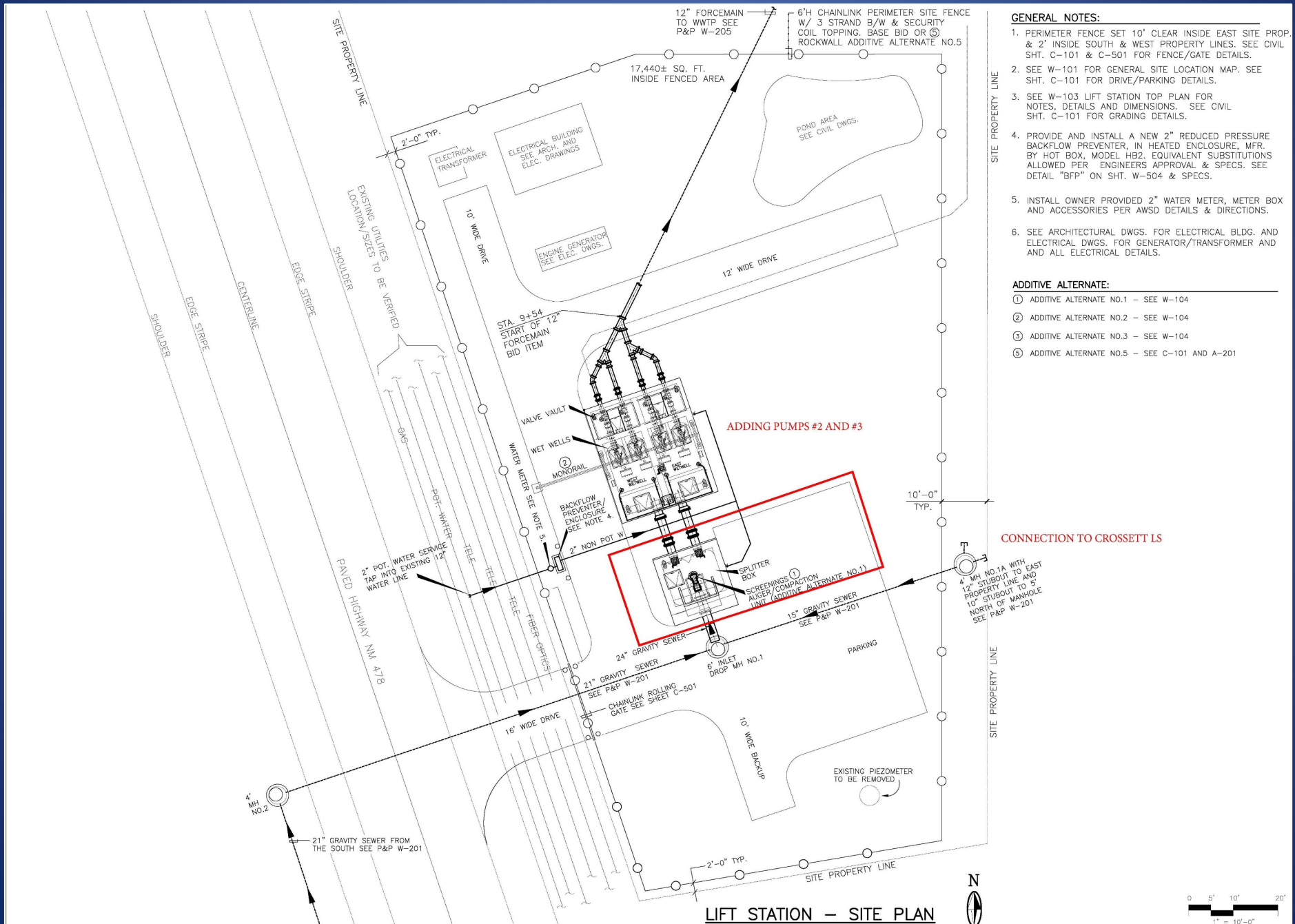
North Area Collection



Demolition of Existing LS



Lift Station Improvements



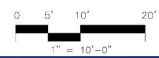
GENERAL NOTES:

- PERIMETER FENCE SET 10' CLEAR INSIDE EAST SITE PROP. & 2' INSIDE SOUTH & WEST PROPERTY LINES. SEE CIVIL SHT. C-101 & C-501 FOR FENCE/GATE DETAILS.
- SEE W-101 FOR GENERAL SITE LOCATION MAP. SEE SHT. C-101 FOR DRIVE/PARKING DETAILS.
- SEE W-103 LIFT STATION TOP PLAN FOR NOTES, DETAILS AND DIMENSIONS. SEE CIVIL SHT. C-101 FOR GRADING DETAILS.
- PROVIDE AND INSTALL A NEW 2" REDUCED PRESSURE BACKFLOW PREVENTER, IN HEATED ENCLOSURE, MFR. BY HOT BOX, MODEL HB2. EQUIVALENT SUBSTITUTIONS ALLOWED PER ENGINEERS APPROVAL & SPECS. SEE DETAIL "BFP" ON SHT. W-504 & SPECS.
- INSTALL OWNER PROVIDED 2" WATER METER, METER BOX AND ACCESSORIES PER AWS D DETAILS & DIRECTIONS.
- SEE ARCHITECTURAL DWGS. FOR ELECTRICAL BLDG. AND ELECTRICAL DWGS. FOR GENERATOR/TRANSFORMER AND ALL ELECTRICAL DETAILS.

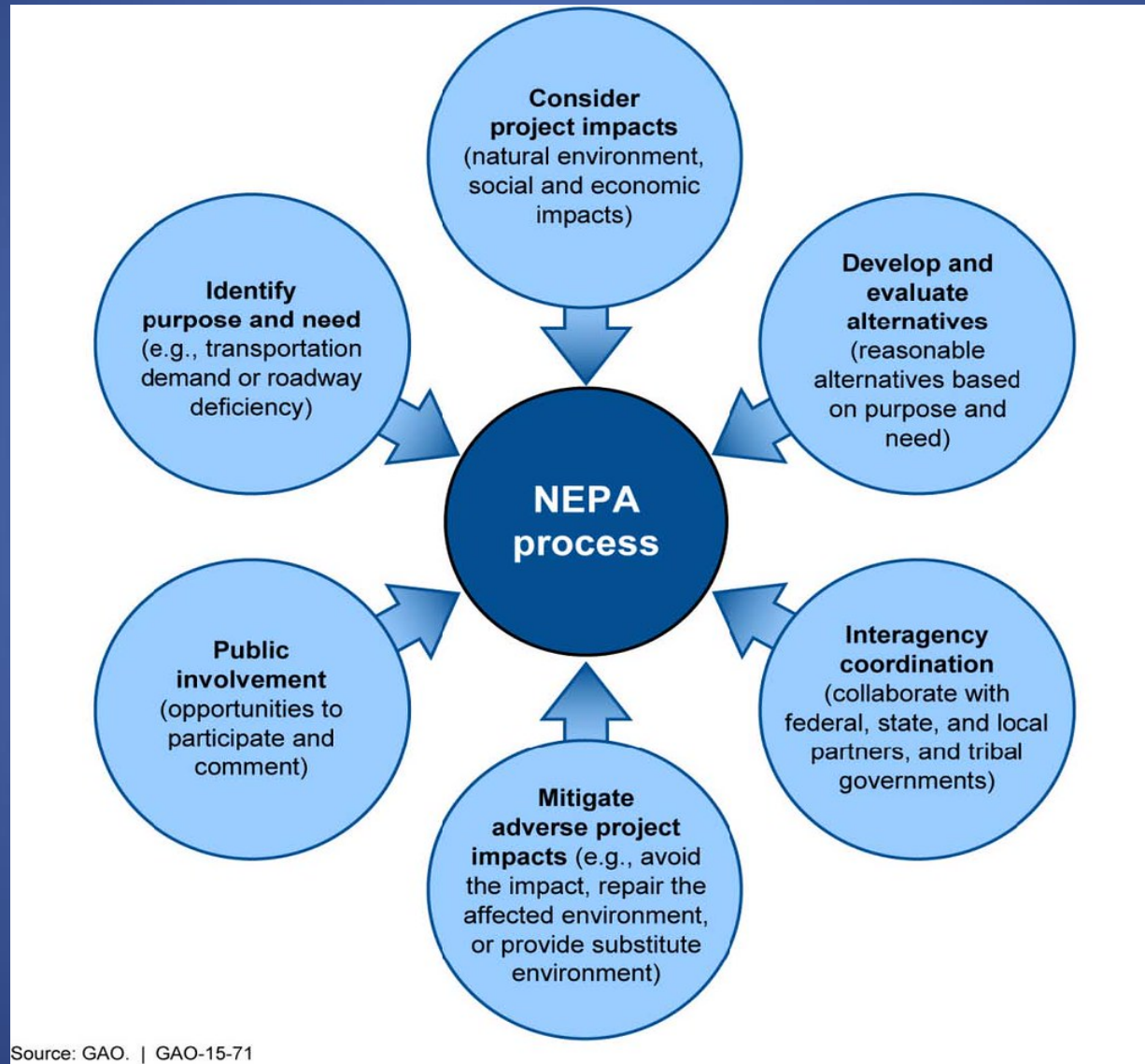
ADDITIVE ALTERNATE:

- ADDITIVE ALTERNATE NO. 1 - SEE W-104
- ADDITIVE ALTERNATE NO. 2 - SEE W-104
- ADDITIVE ALTERNATE NO. 3 - SEE W-104
- ADDITIVE ALTERNATE NO. 5 - SEE C-101 AND A-201

LIFT STATION - SITE PLAN



Environmental Review Process



Environmental Documentation—

- Cultural resource survey completed on May 3, 2023. Summary report under preparation with a recommendation of no effect.
- The project occurs entirely on previously disturbed land.
- Land use includes residential and agricultural uses. Segments of the pipeline will be installed within municipal road rights-of-way.
- The 2018 Environmental Information Document is currently being updated to account for the additional design elements.

Project documentation status

- Cultural Resources Report under preparation
- Environmental Information Document under preparation
- Public meeting: 11 May 2023
 - Email comments to: jrichards@epsilonsystems.com
Deadline for comments is 26 May 2023

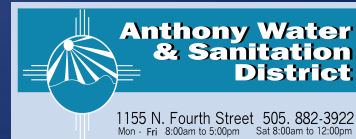
Project Financing:

- The NADB will analyze AWSD finances to determine AWSD's loan capacity and will base loan and grant funds based on the AWSD's ability to pay for the project.
- NADB requires that the project sponsors are financially self-sufficient and have adequate revenue to maintain its infrastructure
- AWSD will be seeking additional funds through the State of NM.

What's Next?

- Update NEPA Process – July 2023
- Update Final Design – July 2023
- Secure Funds – August 2023
- Complete NADB Certification – September 2023
- Construction Completion – 2024

Questions? Comments?



WE APPRECIATE YOUR TIME AND INPUT TO THIS
VERY IMPORTANT ENVIRONMENTAL
IMPROVEMENT PROJECT

Thank You!!