Palisade Sewer Transfer Project
Palisade – Clifton, Colorado

Subsurface Utility Engineering Report
Client Project Number 81-23-029

Prepared for:

Bret Guillory

May 2025

Subsurface Utility Engineering Report

Palisade Sewer Transfer Project
Palisade to Clifton

Engineer Certification

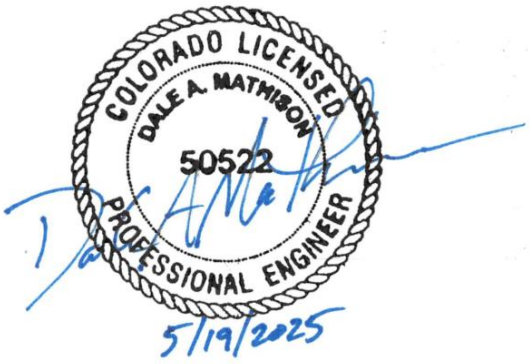
I hereby attest that this Subsurface Utility Engineering Report for the documentation of existing subsurface utilities for the Palisade Sewer Transfer Project was prepared by me, or under my direct supervision, in accordance with ASCE 38-22, the Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data.

May 19, 2025
Date

Dale A. Mathison
Registered Professional Engineer

State of Colorado No. 50522

(Affix Seal)



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Project Information

Client: J-U-B
Client Project Number: 81-23-029

Project Description: The project plans to design and construct a sewer transfer main from Palisade to Clifton. Currently Palisade's sewer processing facility is at capacity and cannot meet the needs of the growing community. This Transfer line will allow Palisade to convey its wastewater to Clifton, allowing the two entities to partner together to treat and dispose of the local wastewater for both communities. Figure 1 shows the project location.

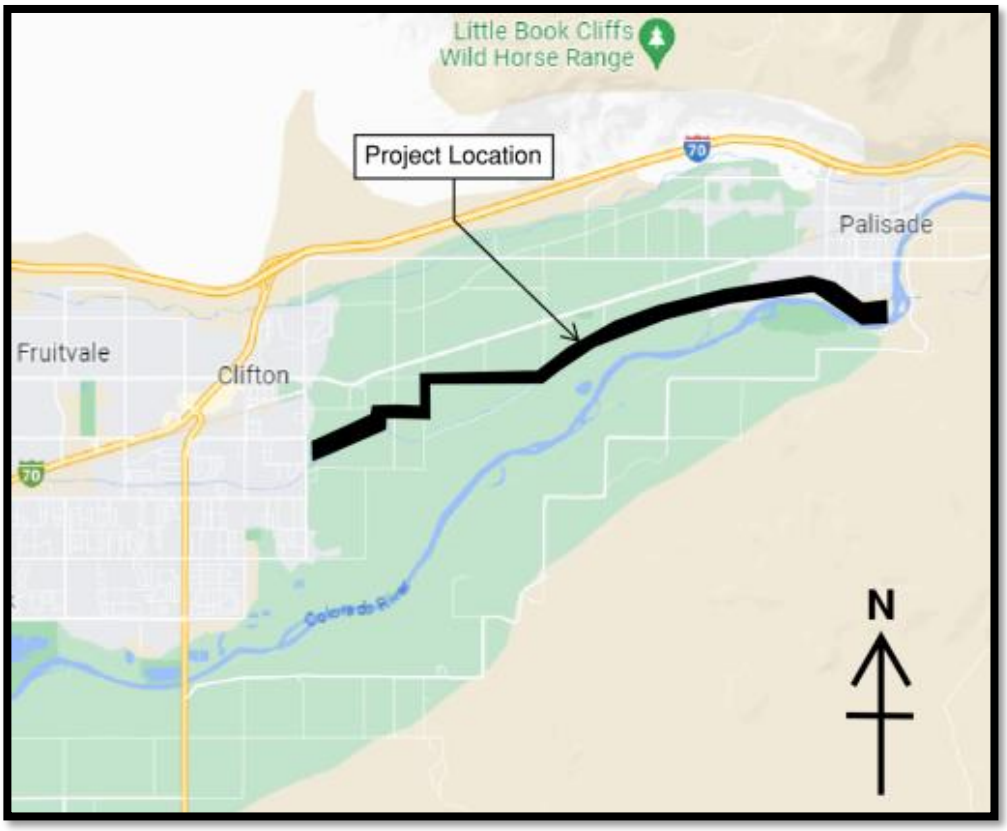


Figure 1. Project Location Map

Ayres is tasked with supporting this project by providing Subsurface Utility Engineering (SUE) services. This report supplements the SUE Plans and associated CADD files to document the subsurface utilities investigated within the project scope. The SUE investigation includes the area described here and depicted in Figure 2. SUE limits include from the Palisade Sewer Processing Plant west along the Grand Valley Canal to 35 Road and F Road. Continuing west along F road to 34 Road then south for quarter of a mile along F road. From that point the proposed alignment will head west approximately four tenths of a miles crossing 33 ¾ Road then head south one tenth of a mile to Grand Valley Canal. Finally, the scope will continue to the west along Grand Valley Canal another four tenths of a mile to where it ties into the existing Clifton sewer system.

Figure 2. SUE Extents

Subsurface Utility Engineering Investigation

The subsurface utility engineering investigation has been performed in accordance with ASCE 38-22 and in compliance with the Colorado law C.R.S. Title 9, Article 1.5 (aka SB18-167).

Subsurface Utility Engineering investigation aims to achieve quality level B designation or better for underground utilities. Utilities identified and labeled as quality level C and D are explained further in the report. A utility quality level is a professional opinion of the quality and reliability of utility information. It is a measure of the amount of uncertainty in the location of a utility. The four recognized quality levels range from Quality Level D (most uncertain) to Quality Level A (least uncertain).

1. Quality Level A (QLA) - Precise horizontal and vertical location of a utility, obtained by the actual exposure and subsequent measurement of the subsurface utility, usually at a specific point.

2. Quality Level B (QLB) - Information obtained through the application of appropriate surface geophysical methods to determine the existence and approximate horizontal position of a subsurface utility, also called designating. Designated utilities are surveyed and tied to project control. Professional judgement is used to correlate QLB designating with available QLA, QLC, and QLD information.

3. Quality Level C (QLC) - Information obtained by surveying and plotting visible above-ground utility features and by using professional judgment in correlating this information to quality level D information and any available QLB and QLA information.

4. Quality Level D (QLD) – Information derived from existing records or oral recollections.

Preliminary Investigation

Ayres submitted a Colorado 811 SUE utility request to determine the utility agencies/owners (UA/O's) within the SUE project limits. We requested available utility information from the project owner and design engineer. Utility owners were contacted during the utility investigation to answer questions about the provided utility records, as-builts, and maps. Documents obtained during the preliminary investigation were used to support the field efforts and develop the SUE plans.

Field Exploration

Daily field work was performed to investigate the subsurface utilities with adherence to safety guidelines, including daily safety briefings, personal protective equipment (PPE), traffic control, and standard industry practices.

Designating, QLB

Electronic Designating

Electromagnetic induction equipment was used to detect and designate electronically locatable utility infrastructure within the SUE scope of work. The electromagnetic induction equipment used was the Radio Detection 8100 (RD 8100) and Pipehorn Series 800. Located underground utilities were marked with pink paint/flags and labeled corresponding to the utility type to show the approximate horizontal position of the utilities.

Ground Penetrating Radar (GPR) equipment (SPX RD1000+) was not utilized on this project due to soil conditions. In substitute of GPR, the team utilized a passive and power sweep method along with a two-

man passive induction sweep in a grid pattern. Passive induction is the process of using the transmitter to induce a signal onto a target line where an access point is not available.

Utility features identified and marked on the ground surface within the limits of the SUE investigation through the designating (QLB) efforts were surveyed and used to develop the SUE plans. Table 1 and the following bulleted list summarizes the QLB work.

Table 1. QLB Investigation

Field Work	Performed by	Start Date	Finish Date
QLB designating	Ayres	09/06/2023	09/18/2023
QLB surveying	KAART	09/11/2023	10/12/2023

During the QLB investigation, the following items are noted.

- At the time of Ayres QLB investigation, there are a number of properties owners that have not given access to their property or ROW. Because of this any utilities marked in these areas are labeled as QLD as they were not able to be surveyed. These properties are shown on plan sheets SU6 through SU7 not including the ROW of 33 ¾ Road on SU6. Additional areas where access was not granted are shown on SU20 to SU21, SU 23 and SU24. These areas are shown on the plans with a blue hatched background.

- Xcel Energy:
    - At the Grand Valley Canal ditch crossing at 36 ¾ Road, there is an Xcel Gas main going north along 36 ¾ Road. This line is shown as QLD as the nearest connection point to this line was within one of the properties we have not received the right to enter at the time of QLB investigation.
    - Multiple high pressure gas lines are found throughout the project scope. Special attention will be needed in these areas. Coordination with Xcel will be key in following all requirements when within ten feet of any high-pressure lines.
    - The Xcel high pressure gas lines are called out as HP in the Utility Material legend for High Pressure. The gas lines are coated and wrapped steel lines.
    - There are multiple addresses where the gas services were unable to be designated, these addresses include 3482 & 3462 F Road, as well as 572 & 574 34 Road. These services are shown as QLD on the plans.

- Ute Water:
    - At the intersection of F Road and 35 Road there is an abandoned water main present according to QLD records. This line has been added as an approximate location based on records.
    - At the intersection of F Road and 34 Road, there is a sales meter between Ute Water and Clifton Water at the location of the 2 existing manholes on the south side of the intersection.

- Clifton Water:
    - Clifton Water has not responded to requests for maps. The majority of the Clifton Water mains are not electronically locatable along F Road as there is no tracer wire or means to designate. For this reason the main has been labelled as QLD. Ayres was able to designate most of the existing water services up to the main. Ayres utilized the information based on the end of information of each water service to depict the water main. There is also surface evidence of excavations on the water main that line up directly where the water services end. Because of this Ayres believes the water main is in the area shown.

    - After the QLB field investigation was performed, we received as-built records of some Clifton Water facilities along 34 Road. This information has been incorporated into the SUE plans.
    - Because limited records were received, the material and size of Clifton Water facilities is uncertain.
    - At the intersection of F Road and 34 Road there is evidence that work has been done on the existing water main. There are multiple valves that may be abandoned and in line of a possible abandoned water main.
    - The water main headed south along 34 Road has a tracer wire that allows this line to be designated and labelled as QLB.
    - The water was not found or able to be designated at two addresses within this scope: 3418 and 3444 F Road.

- Palisade Irrigation District:
    - Any irrigation lines labelled as QLD were marked by the company representative and surveyed. QLB labeled irrigation lines were electronically designated by Ayres.
    - Throughout the scope there are culverts where the utility owners are unknown. For this reason all storm and irrigation lines north of the Grand Valley Canal are labelled as Palisade Irrigation District per the existing district boundary maps.

- The Grand Valley Irrigation Company:
    - No maps were provided in response to the SUE 811 ticket and all lines shown on the plans were marked in the field.
    - After performing the QLB field investigation, we received some plans showing several Grand Valley Drainage District facilities. This information has been reflected in the SUE plans.
    - Throughout the project scope there are multiple irrigation and storm lines where the utility owner is unknown. Because of this, the existing lines south of the Grand Valley Canal are called out as Grand Valley Irrigation per the existing district boundary maps.

- Palisade Sewer Plant:
    - No records were received for this area. All utilities are designated using industry best practices.

- In the field owned by Alan Moore at 574 33 ¾ Road, there are multiple fiber optic marker posts in the field, and we do not have the right to enter to investigate. Per our observations and records, we believe there is no fiber running through this field. Markers may have been used to protect the existing above ground irrigation.

Locating (Vacuum Excavation), QLA

Ayres performed vacuum excavations on utilities identified by the client utilizing an air-vacuum excavator (Vacmaster System 4000), asphalt removal tools, and pneumatic/air tampers for backfill. Ayres provided temporary traffic control as needed to safely perform the vacuum excavations. Excavations were backfilled in compliance with local requirements.

The results of the investigation were marked in the field and documented on SUE test hole data sheets and included in Appendix A. The test hole (TH) sheets include the utility type, size, material, and depth of cover. Test hole locations were surveyed, and results are depicted on the SUE plans included in Appendix C.

Table 2.1 and the following bulleted list summarizes the QLA work during the first phase. JUB requested a second round of test holes to help assist the sewer design. Table 2.2 and the following bulleted list summarizes the second phase of QLA.

Table 2.1 QLA Investigation (Phase 1)

Field Work	Number of THs	Start Date	Finish Date
Test Hole Excavation	32	6/17/2024	6/29/2024

The following notes pertain to the QLA investigation.

- Test holes were backfilled with excavated material, compacted in lifts, and restored to client approved condition. Excavations in asphalt were saw-cut and repaired with permanent asphalt cold patch and epoxy sealed.
- TH 2 DNF. We cleared the test hole to 10' and performed a 4' sweep at that depth. The test hole was performed based on 811 locate marks and aligned with the approximate end of services into the main.
- TH 7 DNF - This waterline was added to the plans as QLD per record information. We cleared the hole to 6' and probed to 10' deep by 4’ wide. The test hole was performed based on 811 locate marks.
- TH 12 was removed from the list. This test hole is on a QLD waterline that has been added to the plans by record.
- TH 16 was on private property, and we were denied access by the homeowner.
- TH 19 was unable to be visually verified due to the high-water level. We believe the casing for the water line was probed at 10.3.
- TH 20, the surveyor captured top of pipe shots where the utility is exposed at ground level
- TH 24, DNF—The south end of the pipe is exposed and can be surveyed. The manhole at the north end is buried at the "T" junction. We attempted to line up the manhole and exposed pipe for a test hole and did not find (DNF) it. We could attempt this again, however; there is no guarantee we'd be able to daylight this storm pipe. We suggest digging up the buried manhole to capture the invert on the north end and exposed pipe to the south.
- TH 27, DNF - Cleared hole to 10' deep by 4’ wide and probed due to high water level. Line may have been probed at 10’ if the material at the ditch crossing continues along line. Xcel standby could not confirm if the possibly-probed item was HP gas without visual confirmation.

Table 3.2 QLA Investigation (Phase 2)

Field Work	Number of THs	Start Date	Finish Date
Test Hole Excavation	11	1-29-25	2-7-25

The following notes pertain to the second phase of the QLA investigation.

- Test holes were backfilled with excavated material, compacted in lifts, and restored to client approved condition. Excavations in asphalt were saw-cut and repaired with permanent asphalt cold patch and epoxy sealed.
- At TH 27, later 44 & 45, Ayres SUE field lead, Kasey Hayes, originally thought that the gas line was too deep to pothole at the point of crossing with the proposed sewer. Therefore, we needed to pothole each bend. After further investigation on the phase 2 site visit, Kasey found that the gas line is shallower than originally thought. This allowed us to daylight the southern bend, bottom, and the point of crossing in the middle of the slope. The northern bend closest to the canal wasn’t exposed because we exposed and documented the potential conflict location.
- TH 16, previously not completed due to no access, was completed on our phase 2 trip with homeowner oversight.

Subsurface Utility Engineering Plans

SUE plans were developed for this project using the QLD, QLB, and QLA utility information. Utility records provided by utility agencies/owners were compared to the designating and locating information collected through this SUE investigation. Professional judgement was used to depict the horizontal location of existing underground utilities within the SUE project limits.

Some subsurface utilities are identified as QLC and QLD for the reasons noted below.

- When utility records provided by the UA/O or client were not able to be identified in the field through designating efforts, were not found in nearby horizontal locations, or could not be confirmed to be at another location, the utility was shown and labeled as QLD.

- Gravity storm and sanitary sewer lines were surveyed at manholes and inlet and outfall locations. Pipe inverts at these manholes were measured down from the surface, but the pipe itself was not able to be detected from the surface. For pipe segments between two surveyed features (i.e., manhole, drain inlet), the utility segment is noted as QLC. Otherwise, it is noted as QLD.

- If a utility was designated and marked on the surface but was not surveyed, it was noted as QLD.

- Other utilities labeled QLC or QLD are described above in the Electronic Designating section of the report.

Professional engineering judgement was applied to this subsurface utility investigation when determining the horizontal location and alignment of underground utilities. Using existing utility information, standard designating practices and locating techniques, and general utility system understanding, professional judgement was applied to determine a reasonable and likely underground utility layout at locations within the scope of the SUE investigation.

It is critical for construction contractors and utility owners to understand the scope and limitations of this subsurface utility investigation and to adhere to the applicable utility damage prevention statutes, policies, and/or procedures during excavation.

Appendix A

Test Hole Data Sheets

AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 1

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLB

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 1.25" **SIZE EXPECTED:** 1.25"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

(ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV Co PROPOSED:

FORM CHECKED BY: HannahS

FORM BY: LukeL ASSISTED BY: HannahS

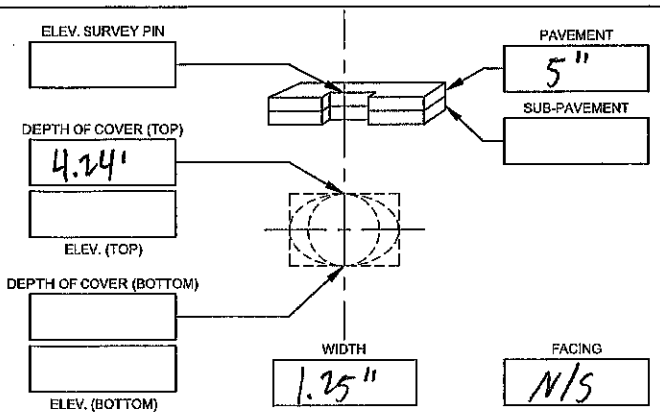
NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

INSTALLED: (PK) HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



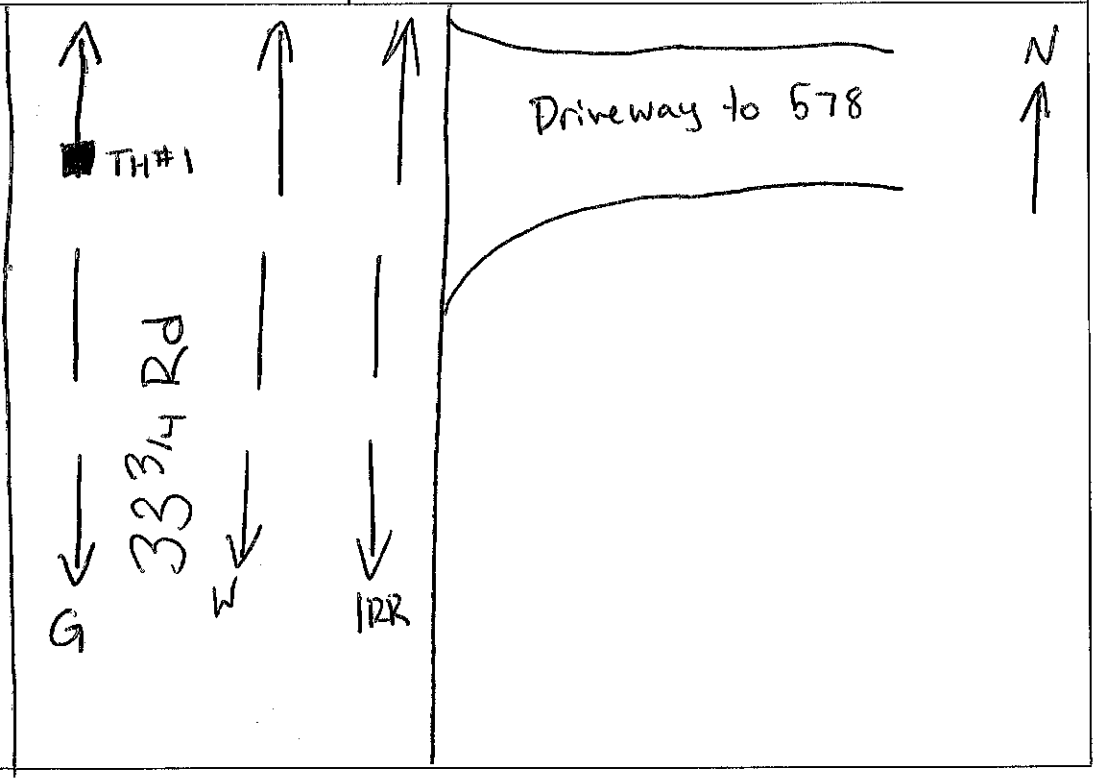
NOTES:

Xcel Energy

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 2

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH-POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: **SIZE EXPECTED:**

UTILITY CONDITION: GOOD FAIR POOR (N/A)

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SUC0 PROPOSED:

FORM BY: Luke L FORM CHECKED BY: HannahS

ASSISTED BY: Hannah S

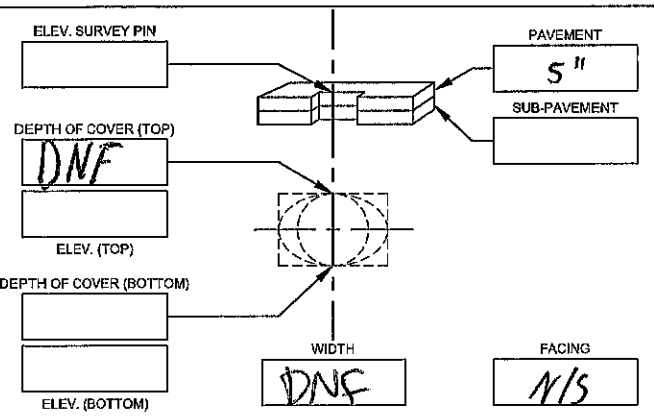
NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



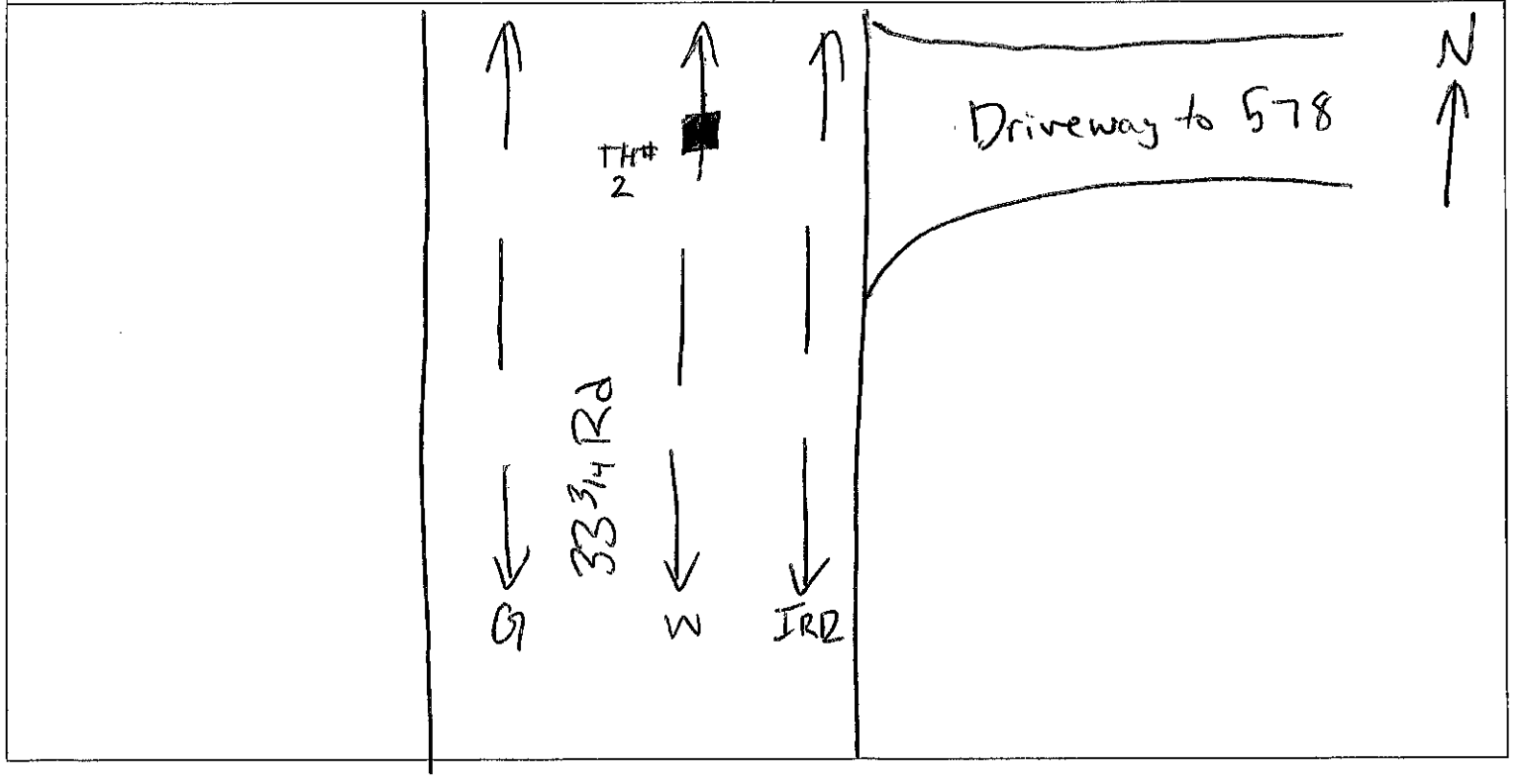
NOTES:

Dug on locate and QLB marks
Dug 10' x 4' deep,
Probed to 11'. Could not locate.
Clifton Water District

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 3

PROJECT NAME: Palisade - Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION)

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION) D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 12" **SIZE EXPECTED:** 12"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SUC0 PROPOSED: FORM CHECKED BY: HannahS

FORM BY: Luke L ASSISTED BY: HannahS

NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

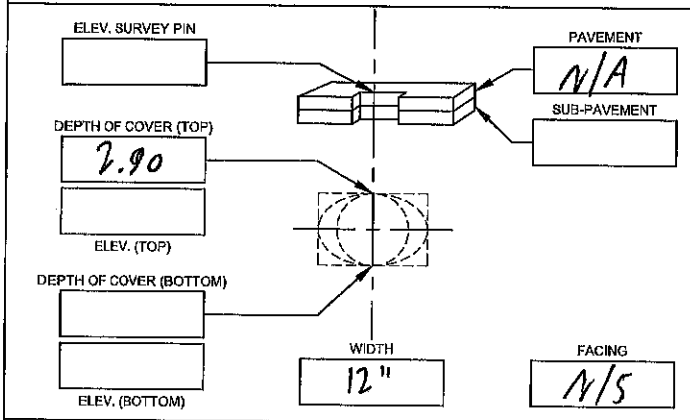
AT: CROWN EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

NOTES:

Palisade Irrigation District



SURVEY INFORMATION:

GIVEN ELEVATION:

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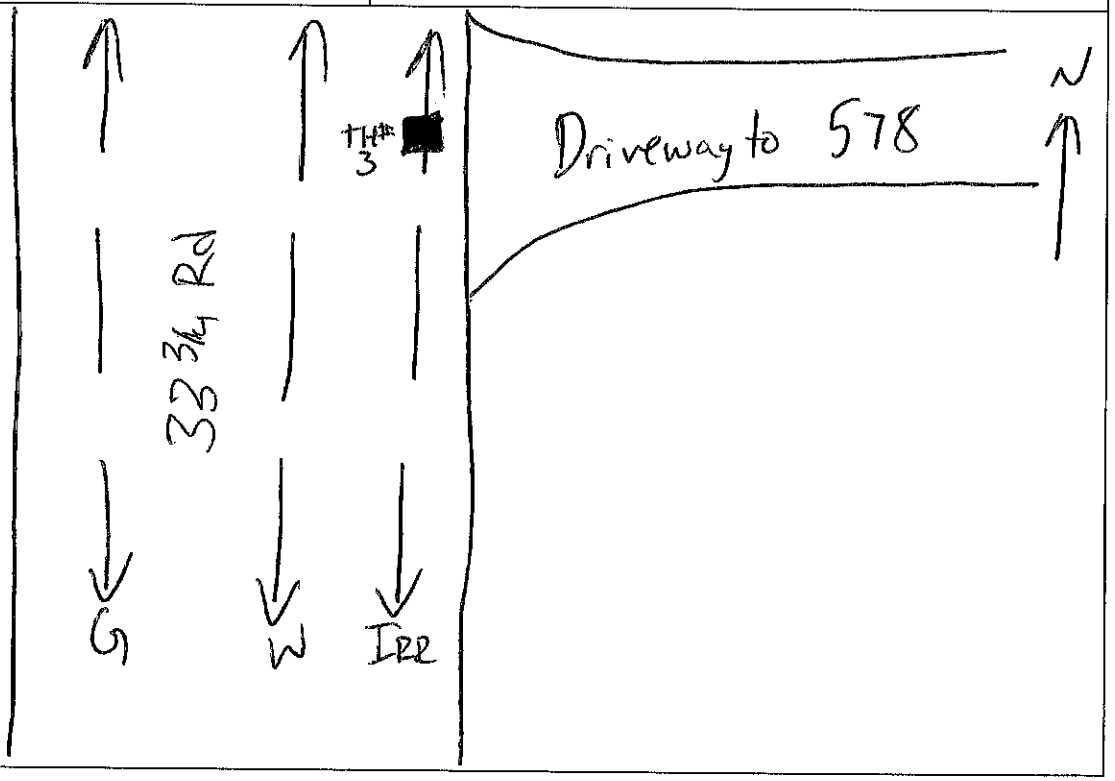


AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19
TEST HOLE #: 4

PROJECT NAME: Palisade-Clifton Sewer Transfer
AGENCY PROJECT NO. **PHASE/TASK:** QLA
LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) AC

SIZE AS FOUND: 16" **SIZE EXPECTED:** 16"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

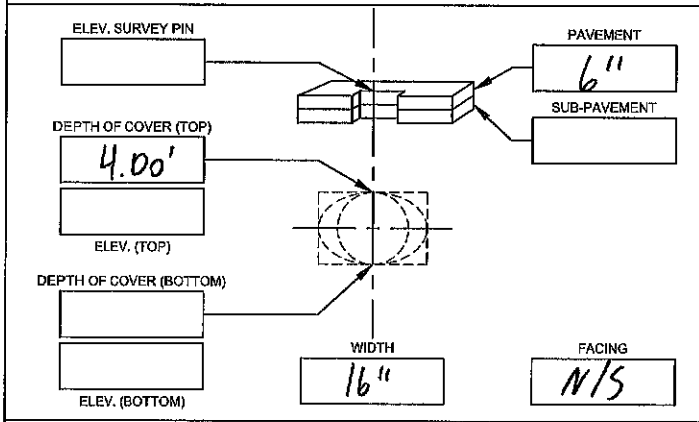
PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU8
PROPOSED:
FORM CHECKED BY: HannahS
FORM BY: LukeL
ASSISTED BY: HannahS
NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

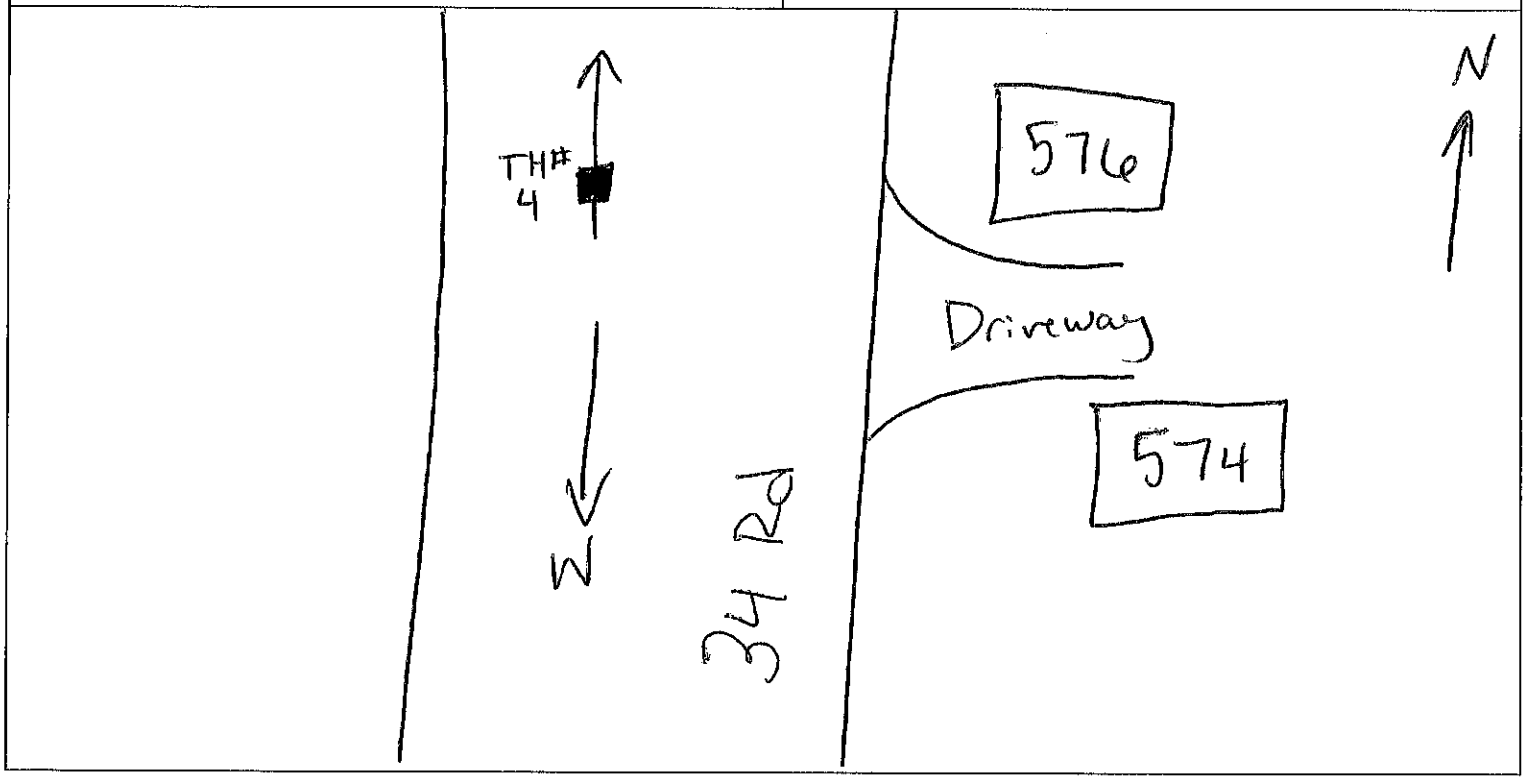
INSTALLED: (PK) HUB STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:
JOB MEASUREMENT TYPE: TENTHS



NOTES:
Clifton Water District.
Water line in middle of road.

SURVEY INFORMATION:
GIVEN ELEVATION:
STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-47/7.19

TEST HOLE # 5

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

PAVEMENT TYPE:
(ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) AC

SHEET NO.: SV8 PROPOSED:

FORM CHECKED BY: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

SIZE AS FOUND: 16" **SIZE EXPECTED:** 16"

NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

UTILITY CONDITION: (GOOD) FAIR POOR N/A

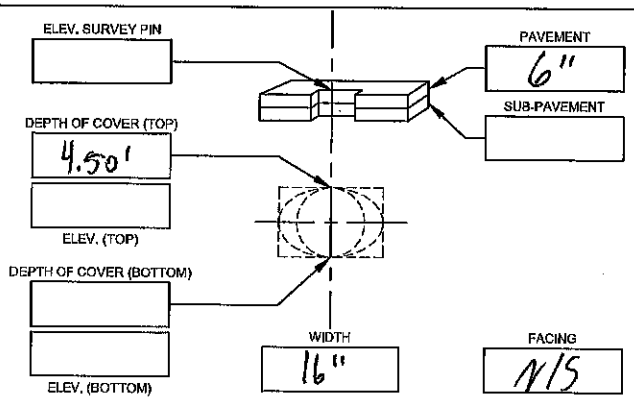
INSTALLED: (PK) HUB STEEL PIN CHISX CHIS BOX

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

AT: CROWN EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

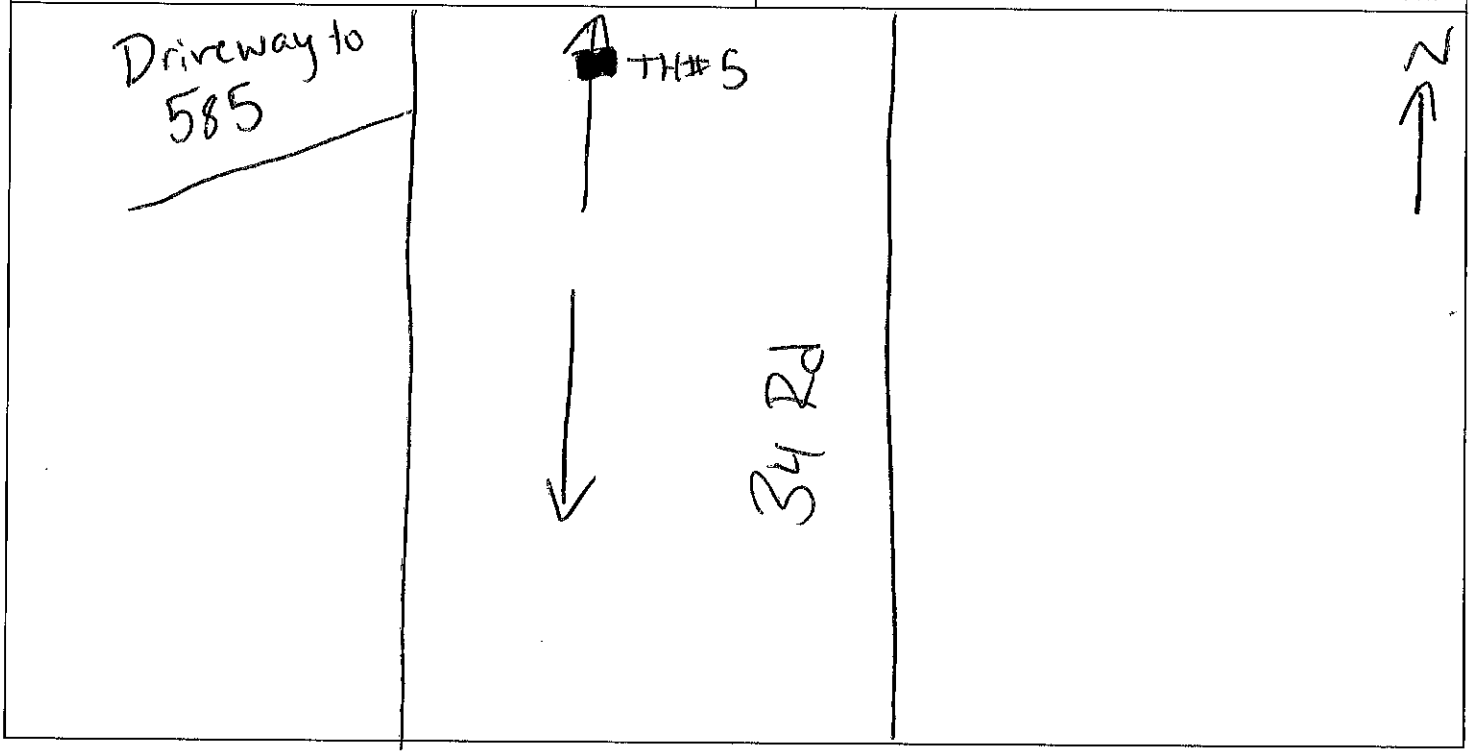


NOTES: Clifton Water District.

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 6

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) AC

SIZE AS FOUND: 16" **SIZE EXPECTED:** 16"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV9 PROPOSED: FORM CHECKED BY: HannahS

FORM BY: Luke L ASSISTED BY: HannahS

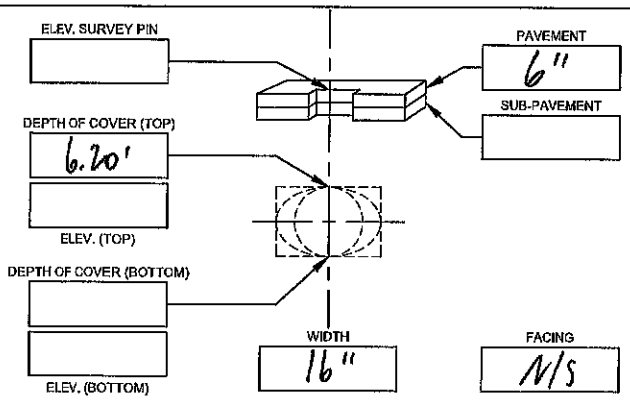
NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

INSTALLED: (PIN) HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



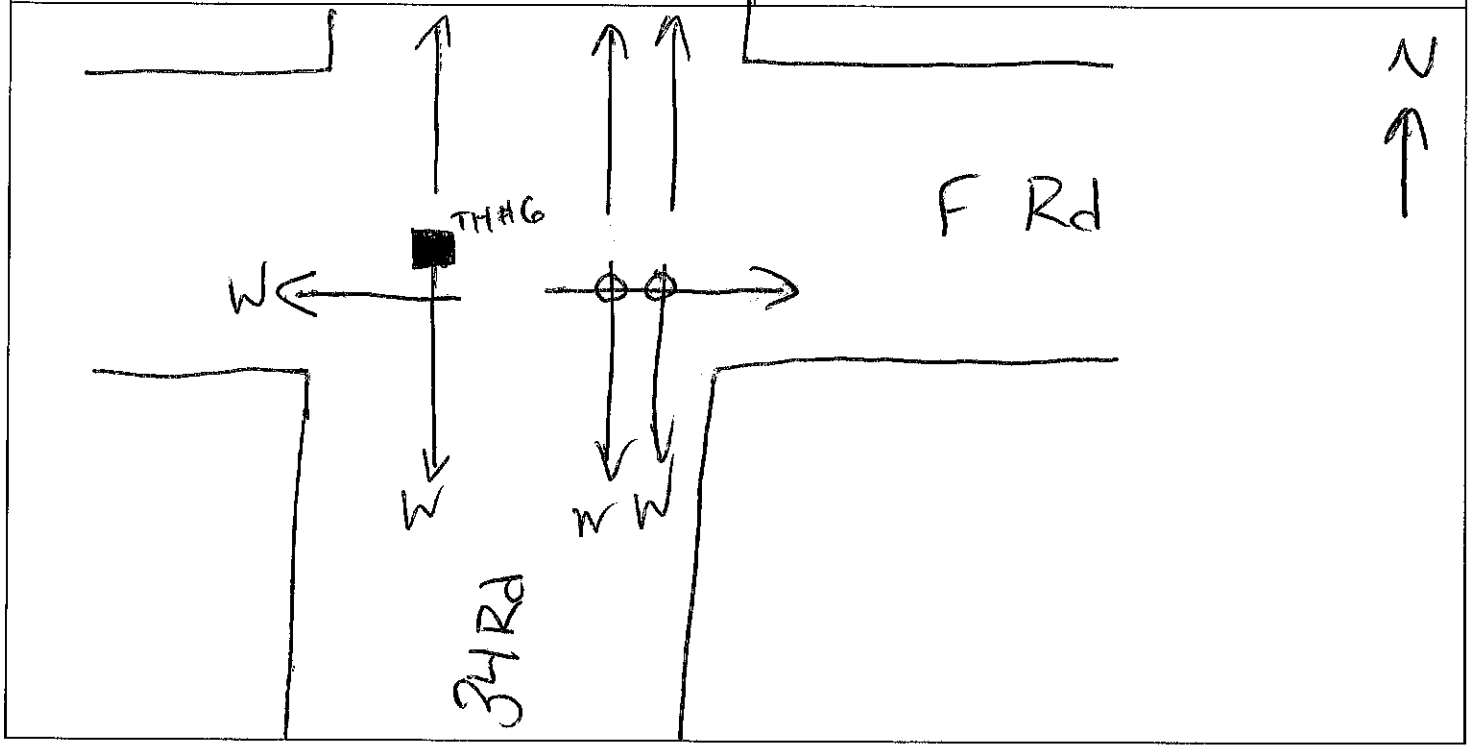
NOTES:

Clifton Water District

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 7

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: **SIZE EXPECTED:**

UTILITY CONDITION: GOOD FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK N/A

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: GOOD (FAIR) POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU9

PROPOSED:

FORM CHECKED BY: Hannah S

FORM BY: Luke L

ASSISTED BY: Hannah S

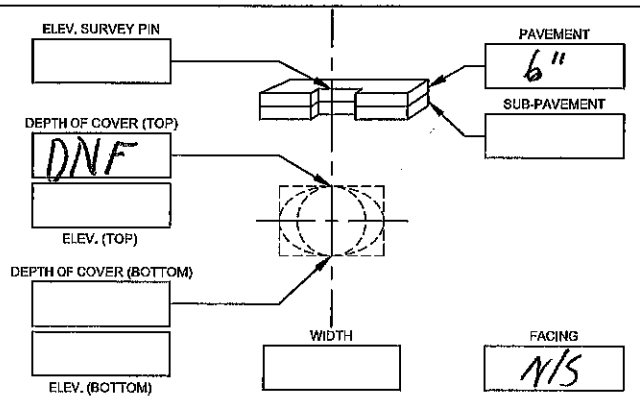
NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



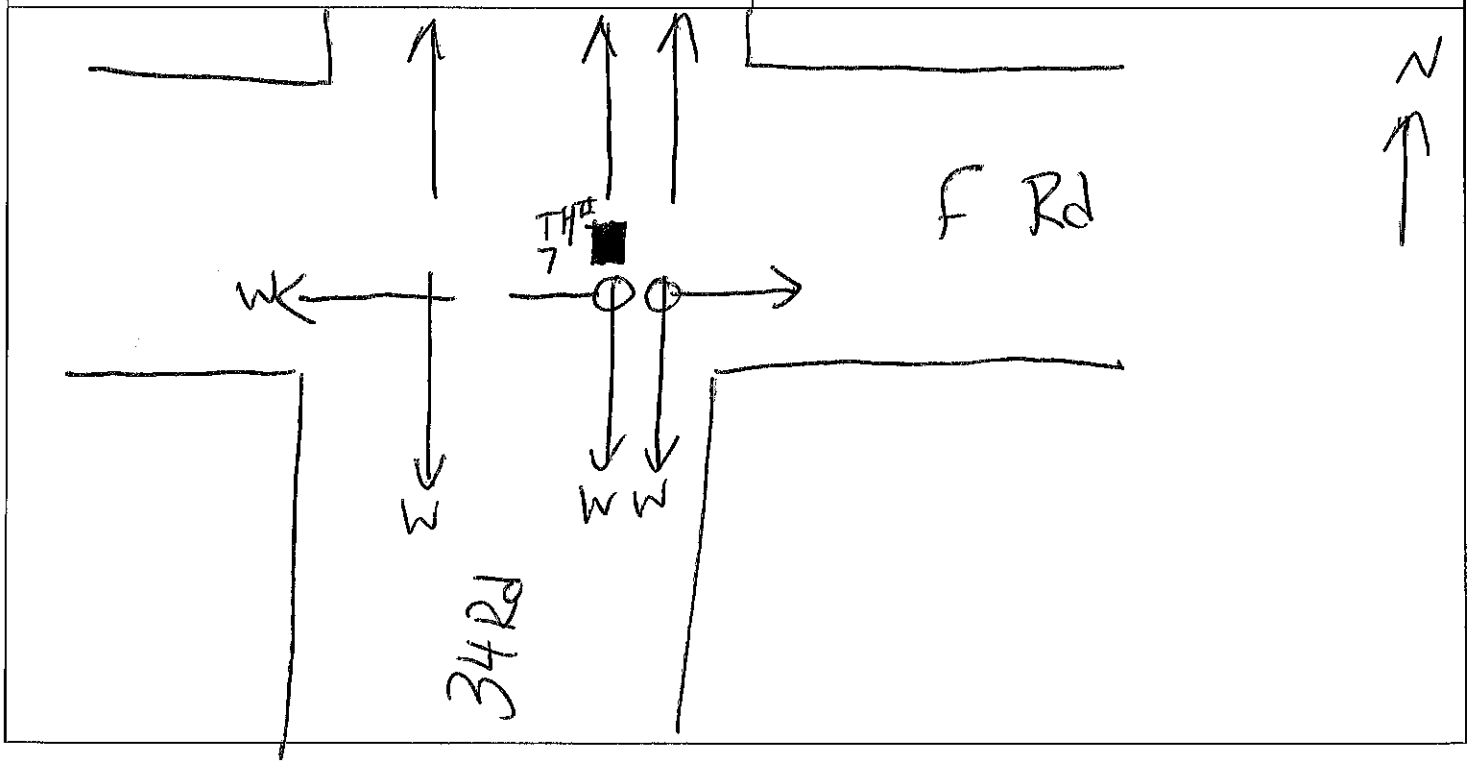
NOTES:

Unable to verify and Amd Clifton Water District

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-47/7.19

TEST HOLE # 8

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: GOOD (FAIR) POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU9 PROPOSED: FORM CHECKED BY: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/27/2024 TIME:

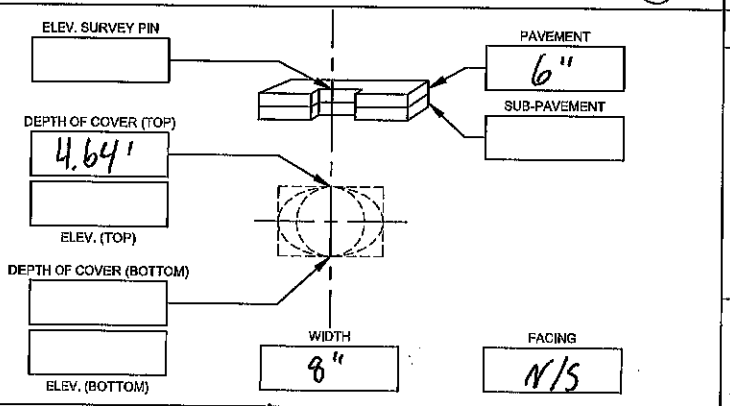
INSTALLED: (PK) HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

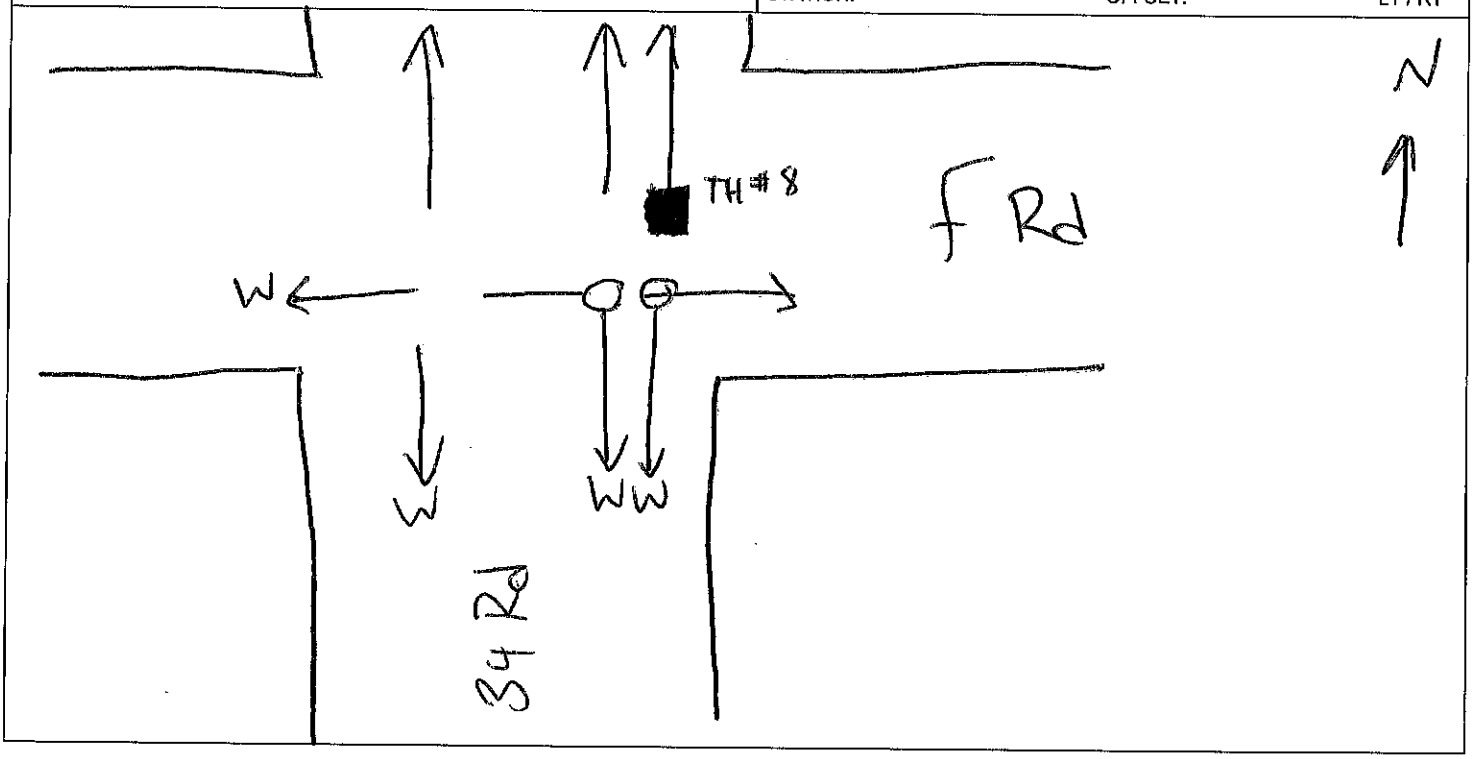
NOTES: Clifton Water District



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 9

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** 02A

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP (corrugated) PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR N/A

SOIL CONDITIONS: HARD SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV 10 PROPOSED: FORM CHECKED BY: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

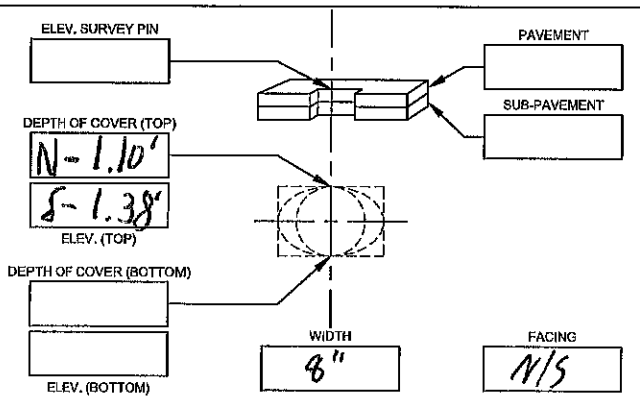
NUMBER OF HOLES: 0 DATE: 6/26/2024 TIME:

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

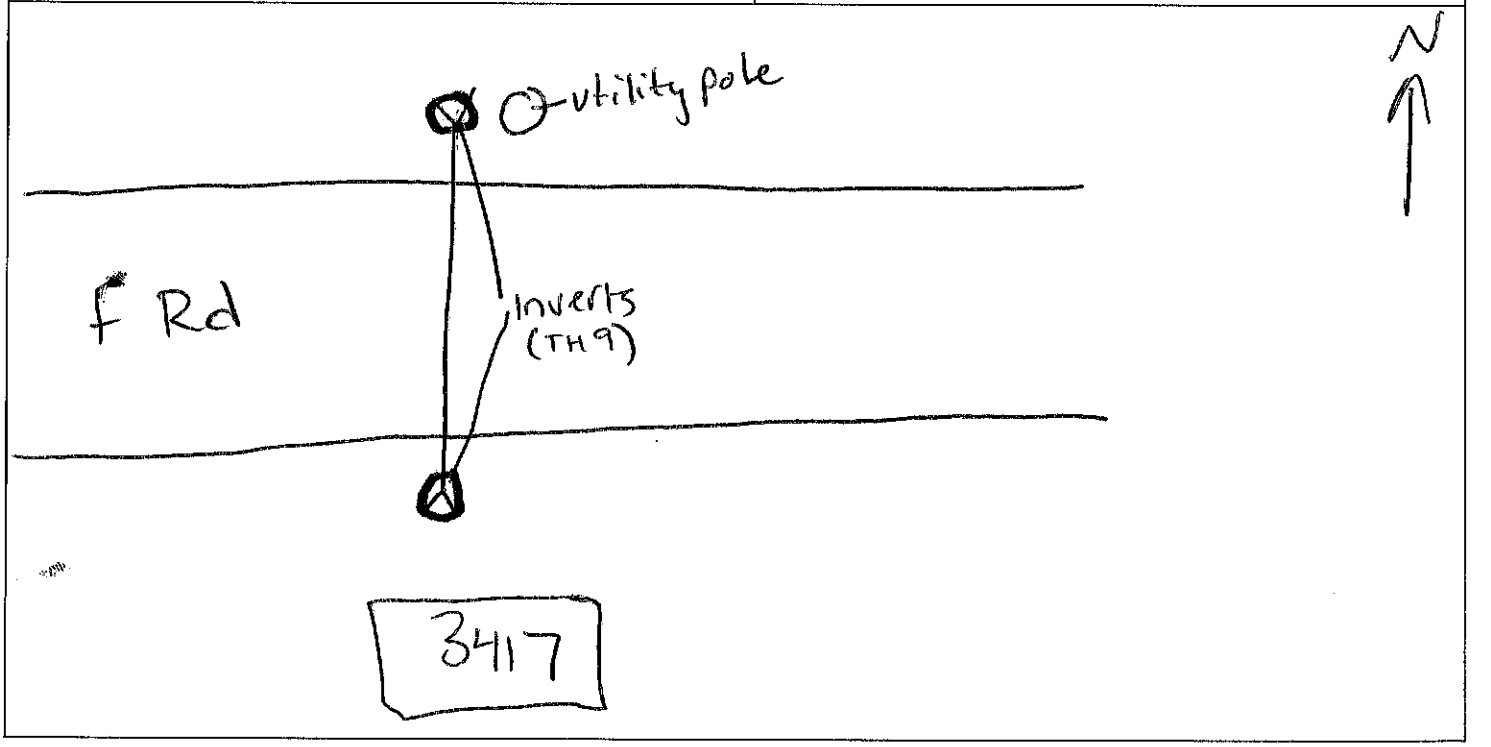


NOTES: measured exposed pipe north and south of F Rd.
North - 1.10' depth from asphalt
South - 1.38' depth from asphalt
Town of Palisade

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 10A

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** 01 LA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION)

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION) D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 10" **SIZE EXPECTED:** 10"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU 12 PROPOSED:

FORM CHECKED BY: HannahS

FORM BY: Luke L ASSISTED BY: HannahS

NUMBER OF HOLES: 1 DATE: 6/25/2024 TIME:

INSTALLED: (PK) HUB STEEL PIN CHISX CHIS BOX

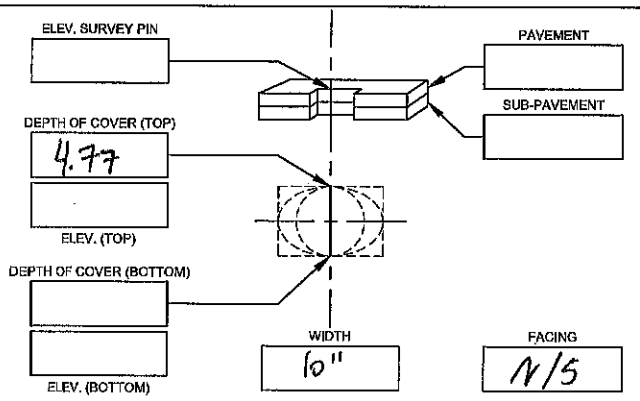
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

NOTES:

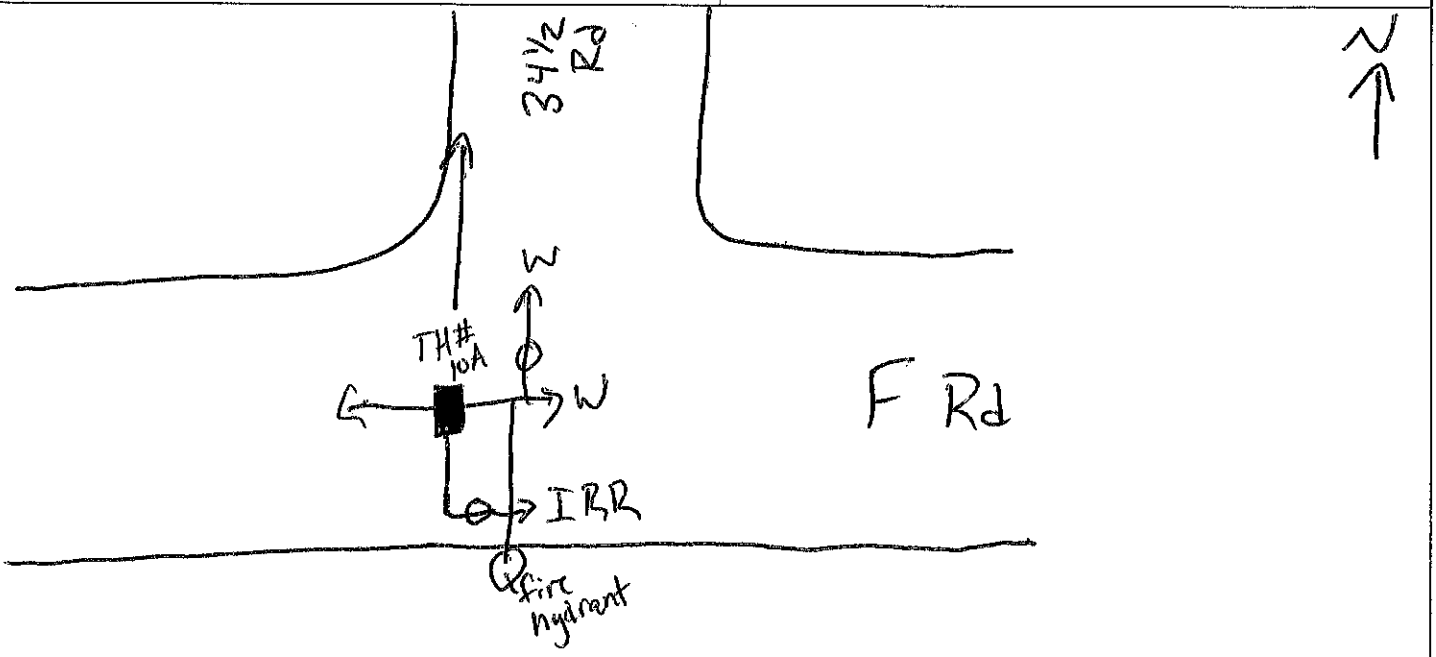
Palisade Irrigation District



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-47/7.19

TEST HOLE # 10B

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC (UNK) TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC (UNK) TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 4" **SIZE EXPECTED:** 4"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU 12 PROPOSED: FORM CHECKED BY: HannahS

FORM BY: Luke L ASSISTED BY: HannahS

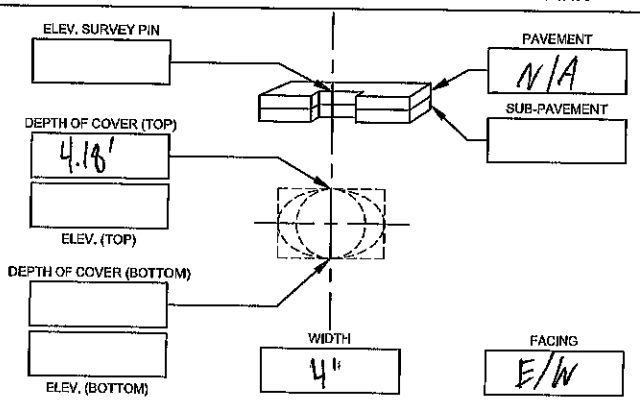
NUMBER OF HOLES: 1 DATE: 6/25/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



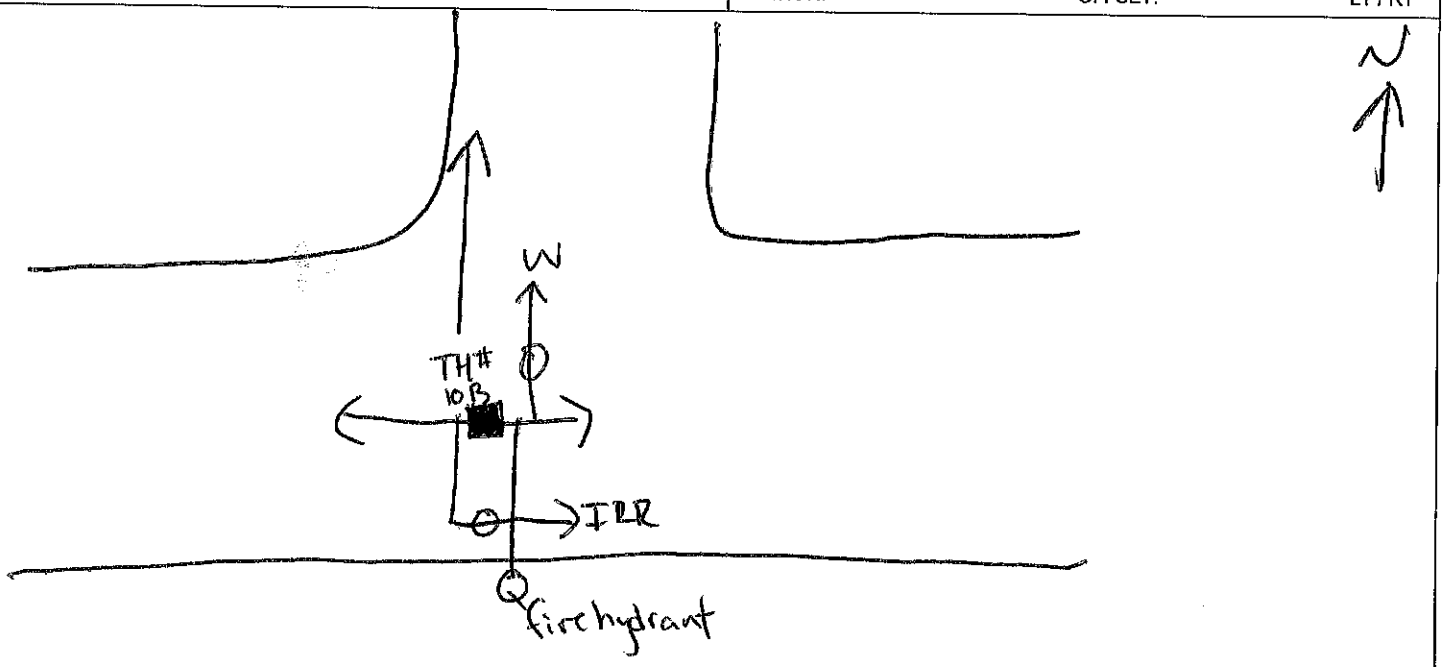
NOTES:

Unknown
Possiby Water (records & Clifton say 3" PVC)

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 11A

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV 15 PROPOSED:

FORM CHECKED BY: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

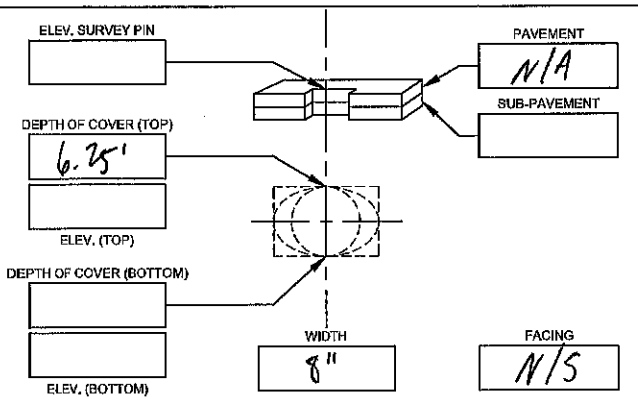
NUMBER OF HOLES: 1 DATE: 6/29/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



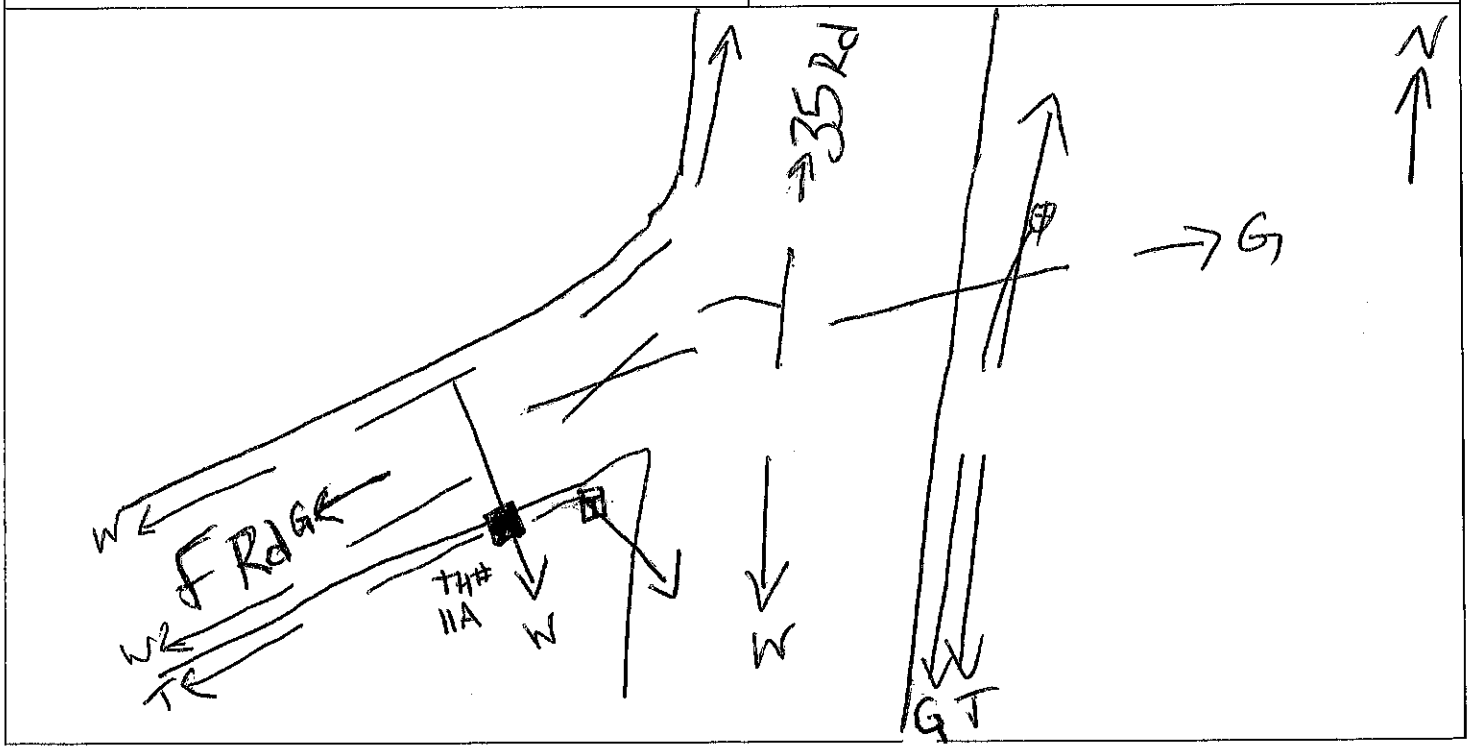
NOTES:

Ute water

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 11B

PROJECT NAME: Dalkade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): JUB Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN
FORCEMAIN CATV WATER (TELE) FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN
FORCE MAIN CATV WATER (TELE) FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR (D.B. CABLE) UNK. OTHER

SIZE AS FOUND: 1" **SIZE EXPECTED:** 1"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV15 PROPOSED:
FORM CHECKED BY: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

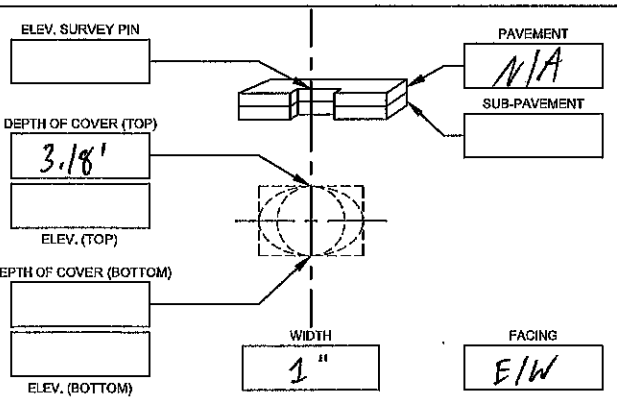
NUMBER OF HOLES: 1 DATE: 6/29/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

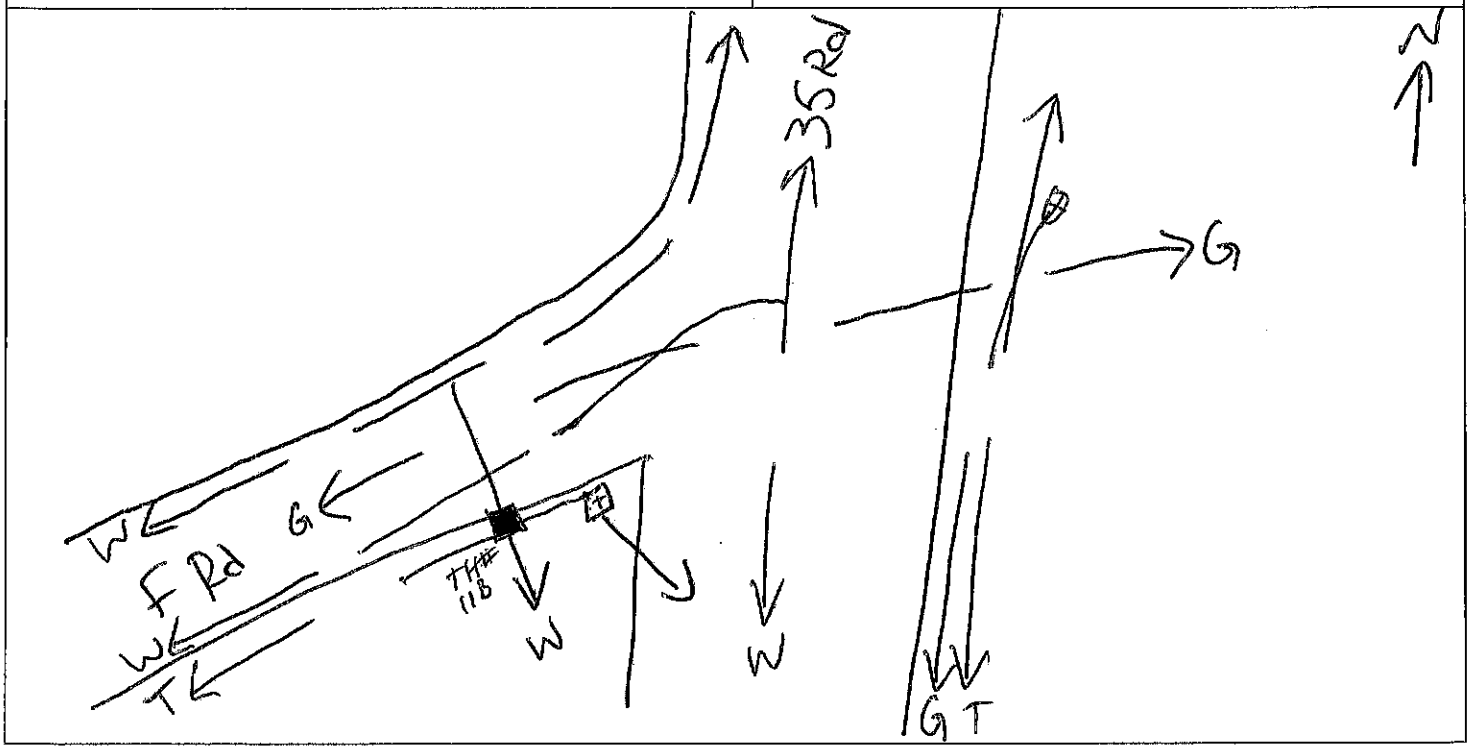
NOTES:
CenturyLink



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 11C

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** OLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC (UNK.) TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC (UNK.) TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) PE

SIZE AS FOUND: 4" **SIZE EXPECTED:** 4"

UTILITY CONDITION: GOOD FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV15 PROPOSED: Hannah S

FORM CHECKED BY:

FORM BY: Luke L ASSISTED BY: Hannah S

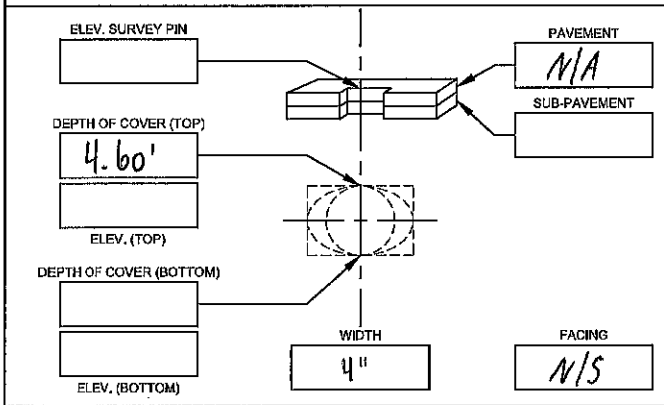
NUMBER OF HOLES: 1 DATE: 6/29/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



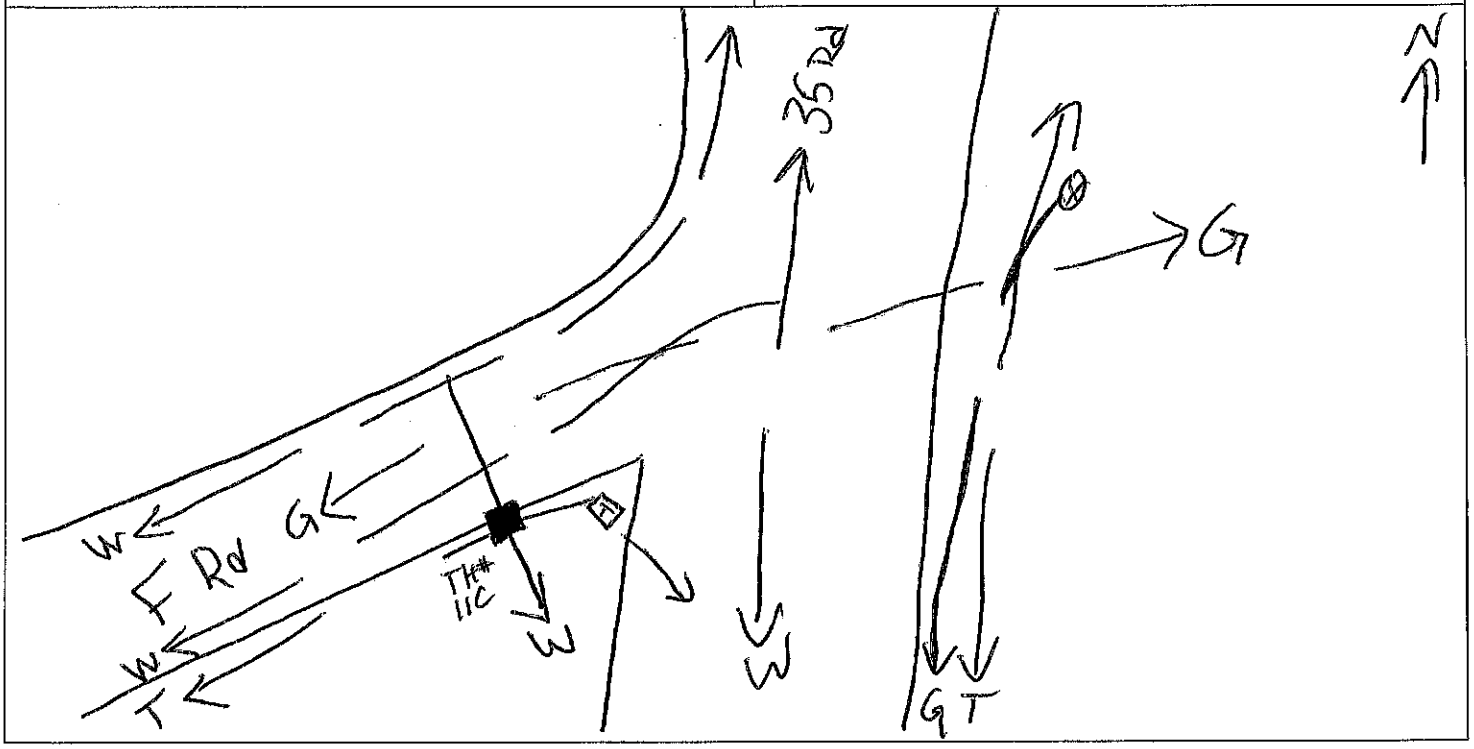
NOTES:

Unknown

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 13A

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 1.25" **SIZE EXPECTED:** 1.25"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV15 PROPOSED: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

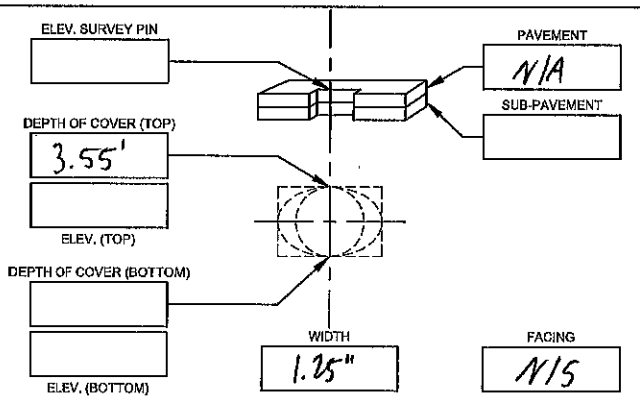
NUMBER OF HOLES: 1 DATE: 6/24/2024 TIME:

INSTALLED: PK (PLUG) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



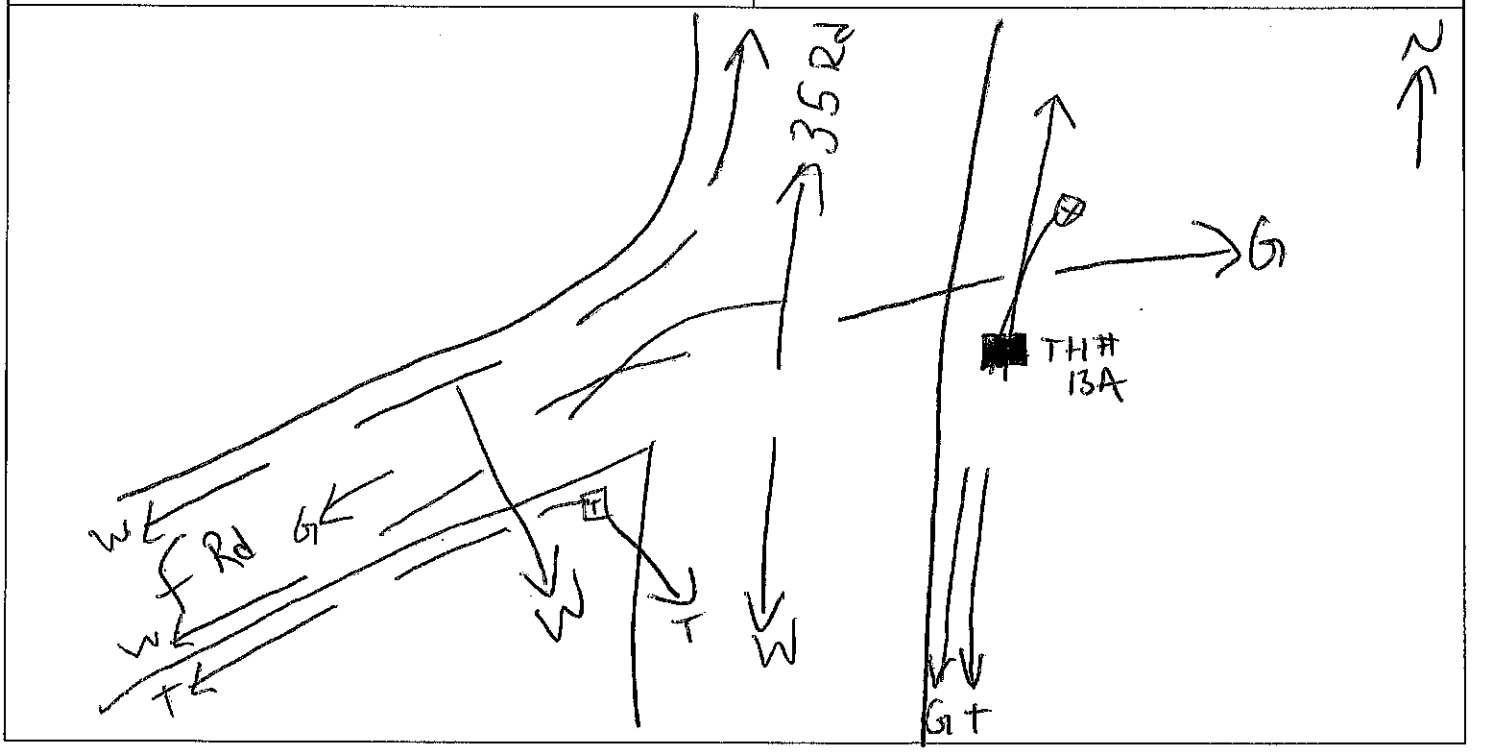
NOTES:

Xcel Energy

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 13B

PROJECT NAME: Palisade Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** OLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN
FORCEMAIN CATV WATER (TELE) FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN
FORCE MAIN CATV WATER (TELE) FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) Tele

SIZE AS FOUND: 1" **SIZE EXPECTED:** 1"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV15 PROPOSED:
FORM CHECKED BY: Hannah S

FORM BY: Lukel ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/24/2024 TIME:

INSTALLED: PK (PUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

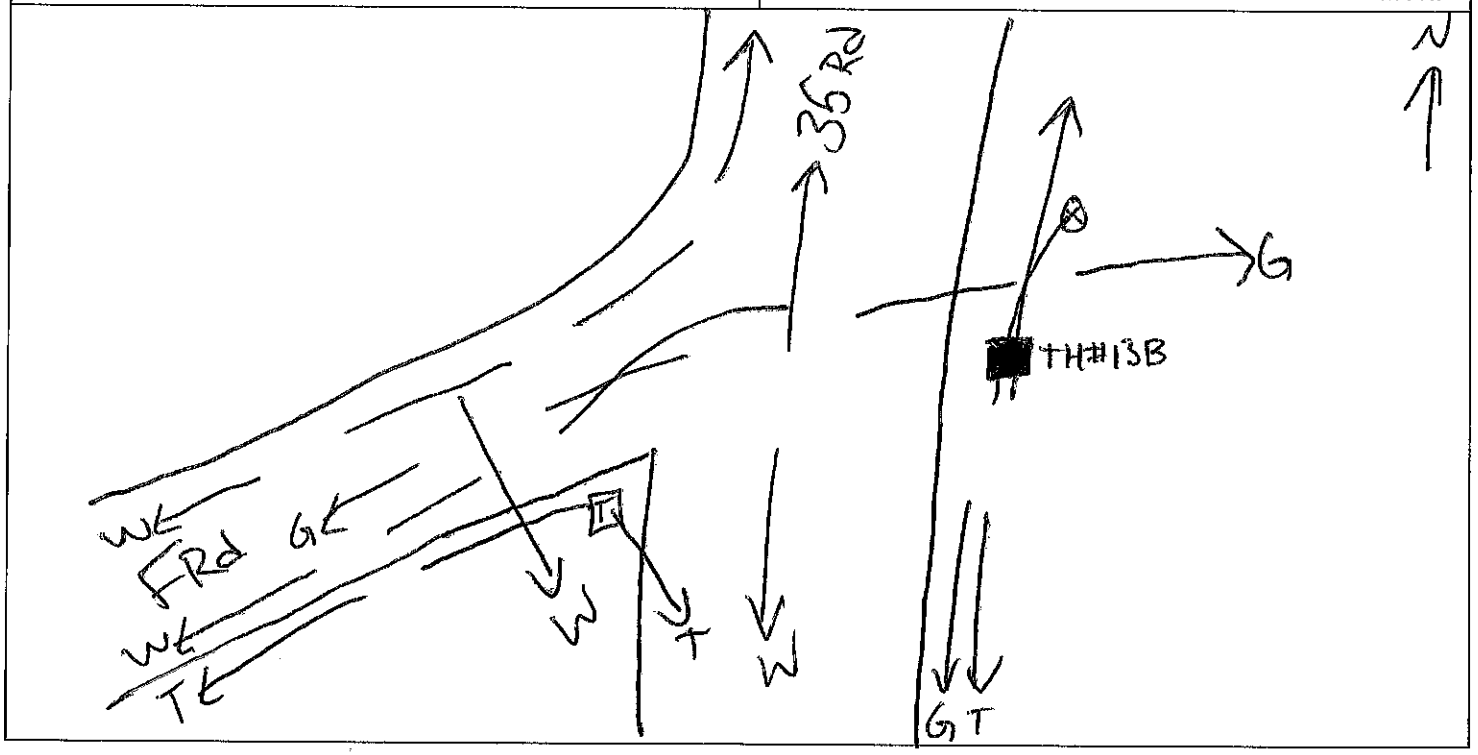
JOB MEASUREMENT TYPE: TENTHS

NOTES:
Century Link / Lumen

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 14

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** 01 LA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 4" **SIZE EXPECTED:** 4"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV15 PROPOSED: Hannah S

FORM CHECKED BY:

FORM BY: LukeL ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/24/2024 TIME:

INSTALLED: PK (TUBE) STEEL PIN CHISX CHIS BOX

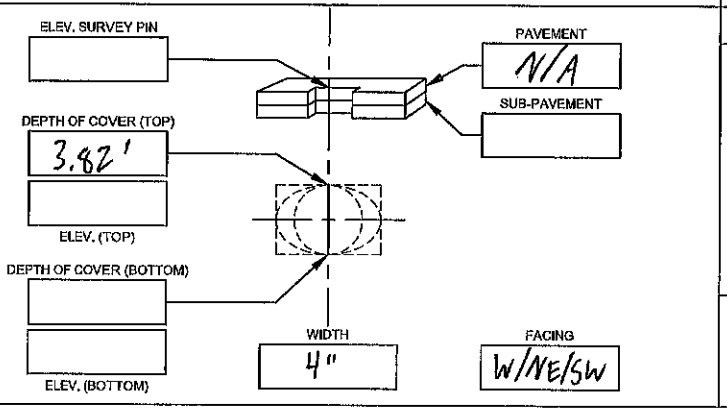
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

NOTES:

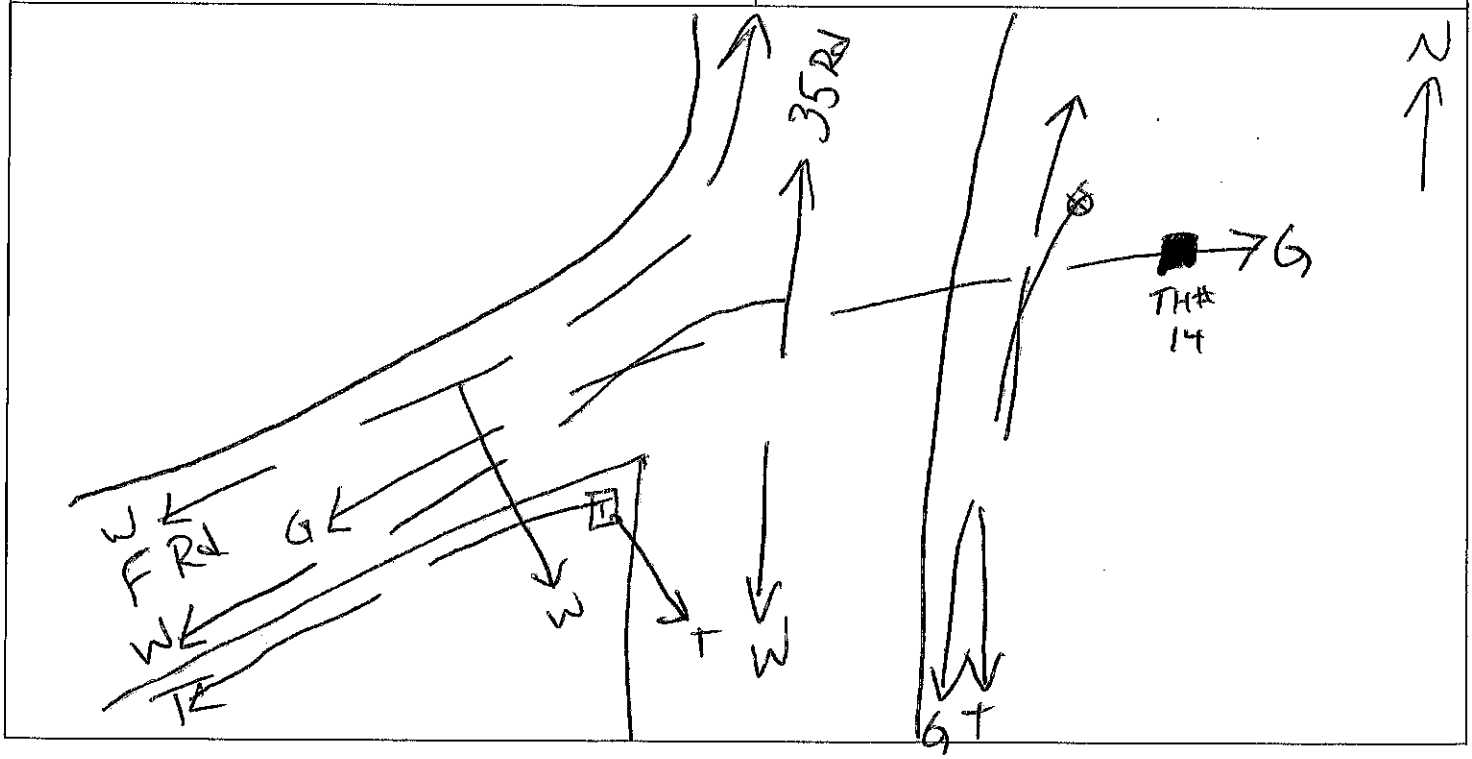
Xcel Energy



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 15A

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY (ROCK) DIRT SOLID-ROCK

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SHEET NO.: SV19 PROPOSED:
FORM CHECKED BY: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

SIZE AS FOUND: 2" **SIZE EXPECTED:** 2"

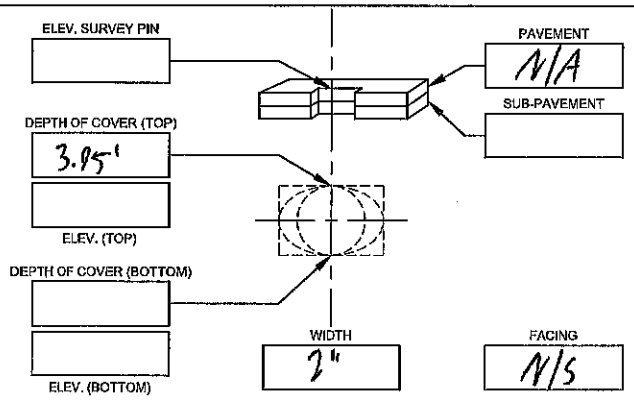
NUMBER OF HOLES: 1 DATE: 6/25/2024 TIME:

UTILITY CONDITION: (GOOD) FAIR POOR N/A

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

SURVEY PIN LOCATED BY:



JOB MEASUREMENT TYPE: TENTHS

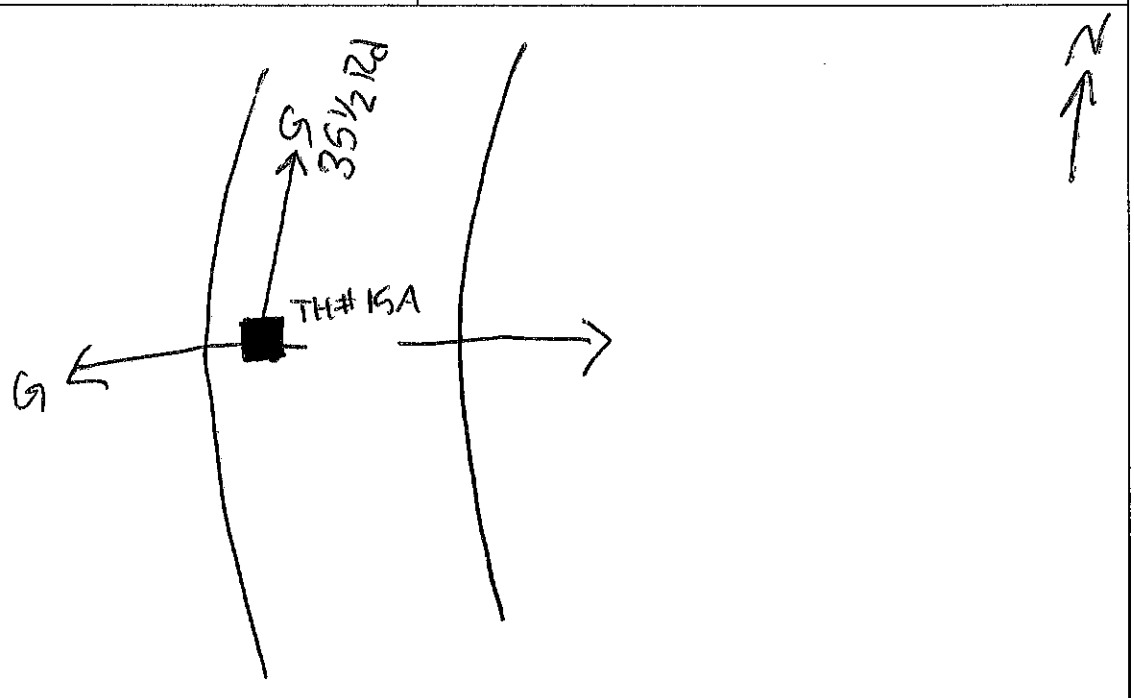
NOTES:

Cap on top of pipe. Xcel Energy.

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 15B

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 4" **SIZE EXPECTED:** 4"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU 19 PROPOSED:

FORM CHECKED BY: Hannah S

FORM BY: Luke L ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/25/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

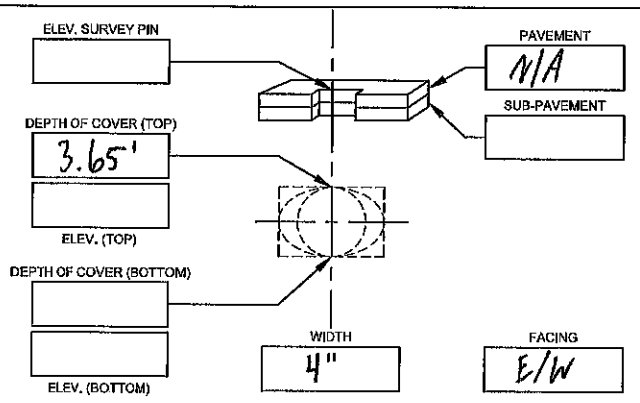
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

NOTES:

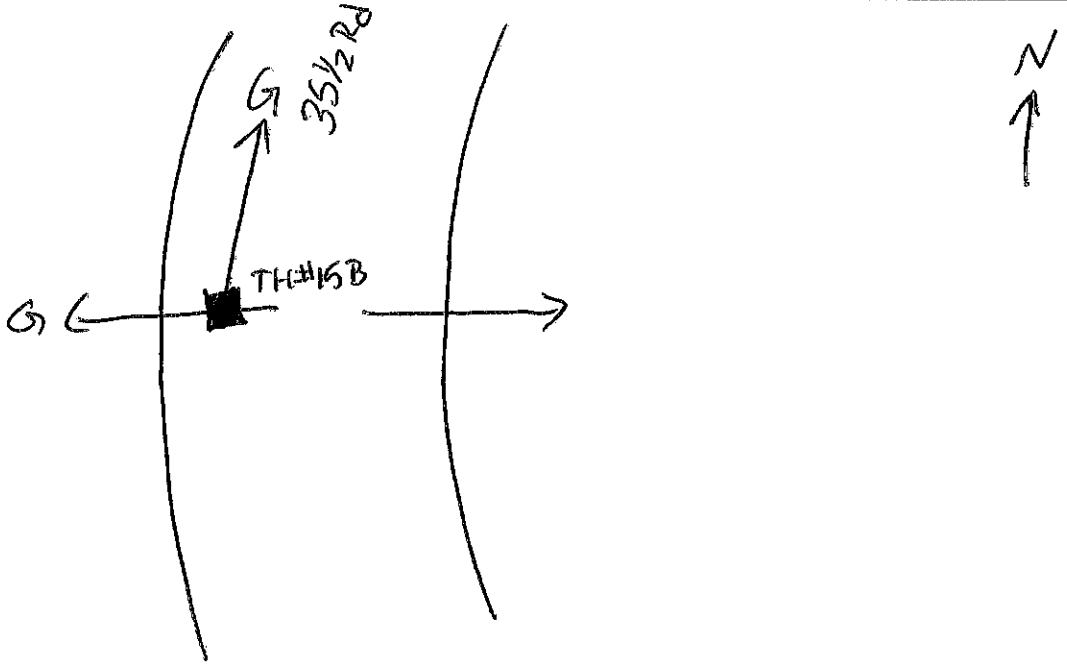
Xcel Energy



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 17

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) PE

SIZE AS FOUND: 1.5" **SIZE EXPECTED:** 1.5"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV24 PROPOSED:
FORM CHECKED BY: HannahS

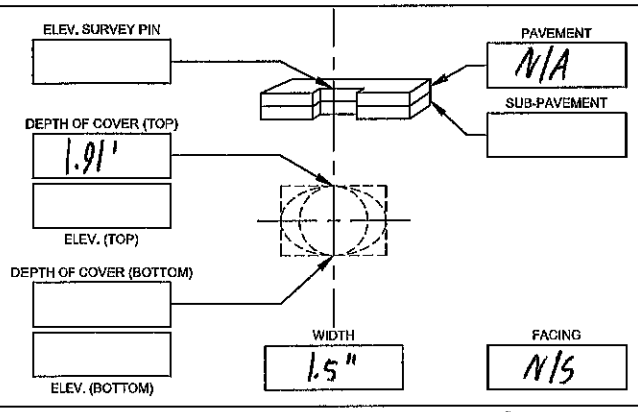
FORM BY: Luke L ASSISTED BY: HannahS

NUMBER OF HOLES: 1 DATE: 6/21/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

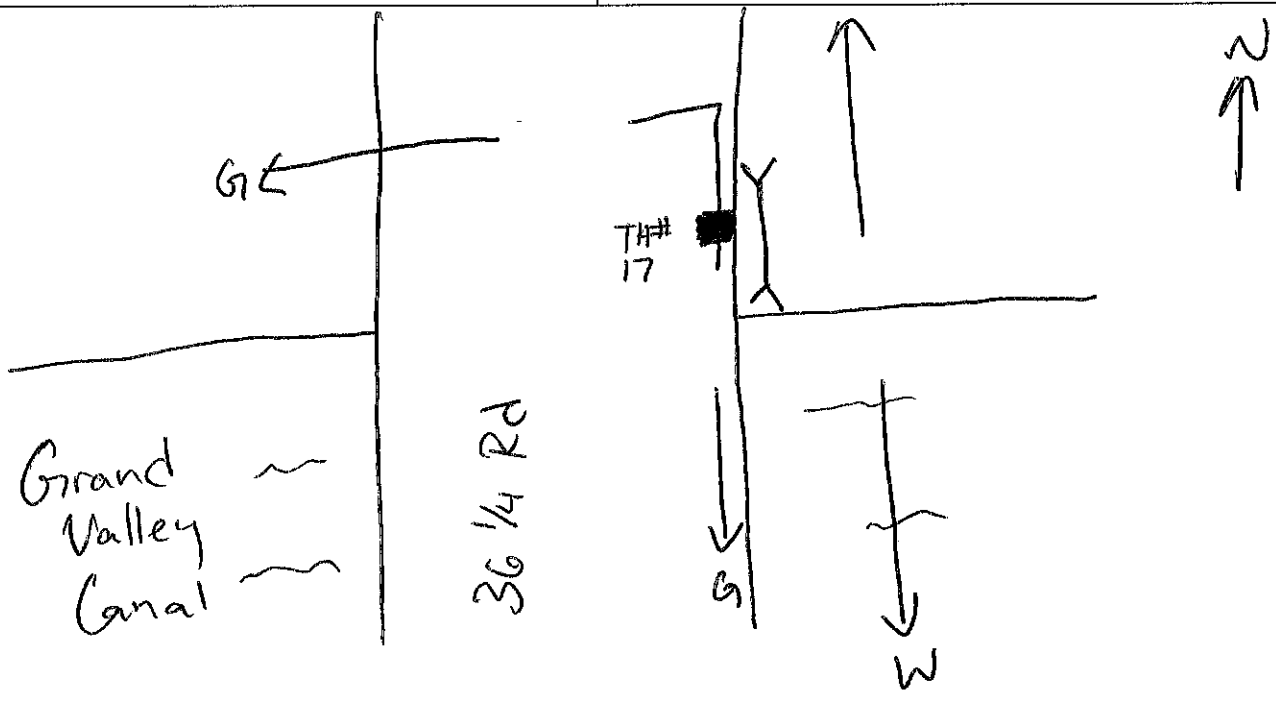


NOTES:
Xcel Energy

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 18

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** 01A

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP (Corrugated) RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: GOOD FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK N/A

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU 24 PROPOSED: HannahS

FORM CHECKED BY:

FORM BY: LukeL ASSISTED BY: HannahS

NUMBER OF HOLES: 1 DATE: 6/21/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

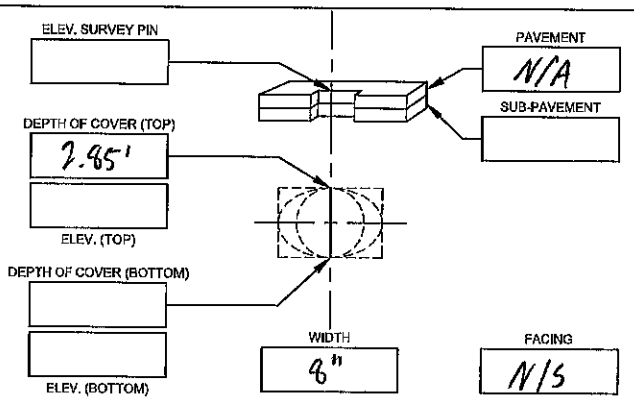
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

NOTES:

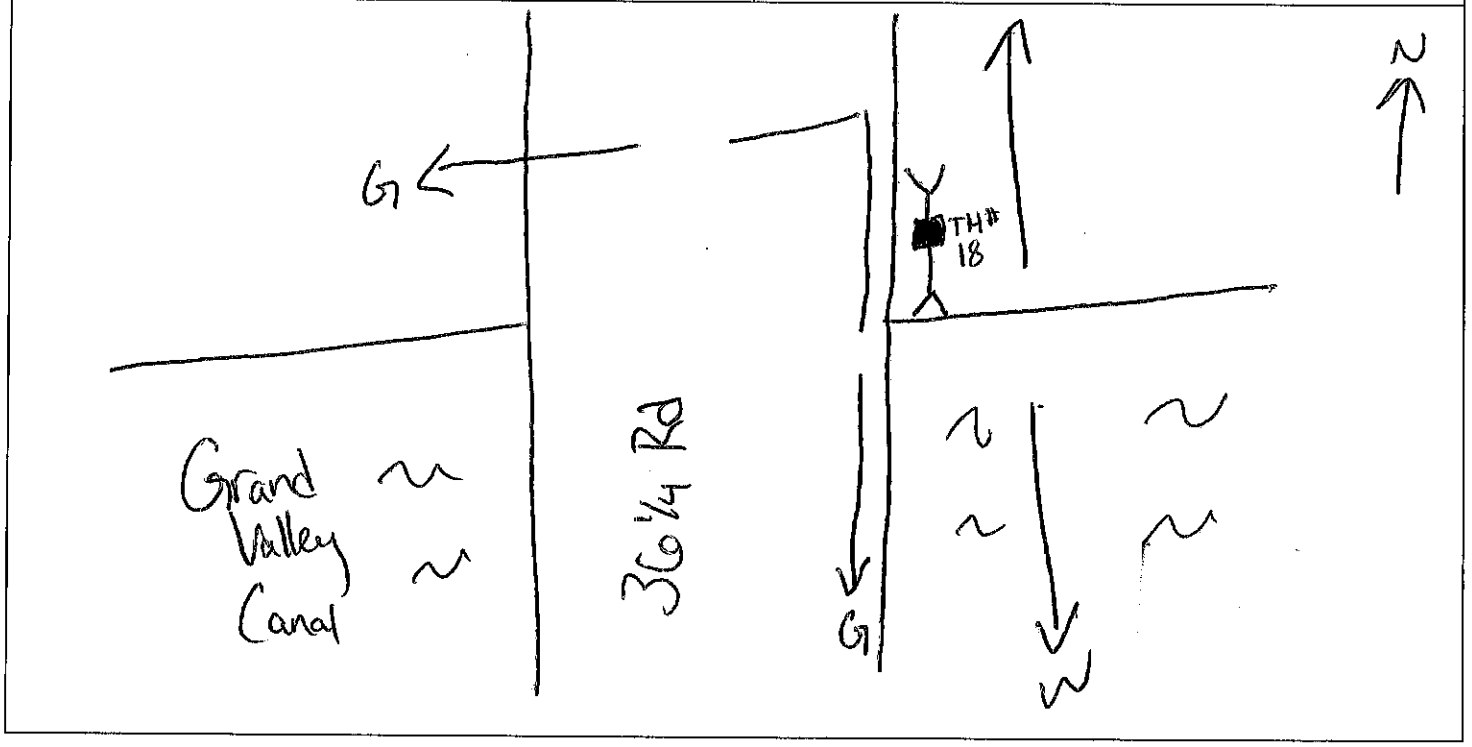
Palisade Irrigation District



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 19

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV (WATER) TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

steel casing

SIZE AS FOUND: N/A **SIZE EXPECTED:** N/A

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU24 PROPOSED:

FORM CHECKED BY: Hannah S

FORM BY: Lukel ASSISTED BY: Hannah S

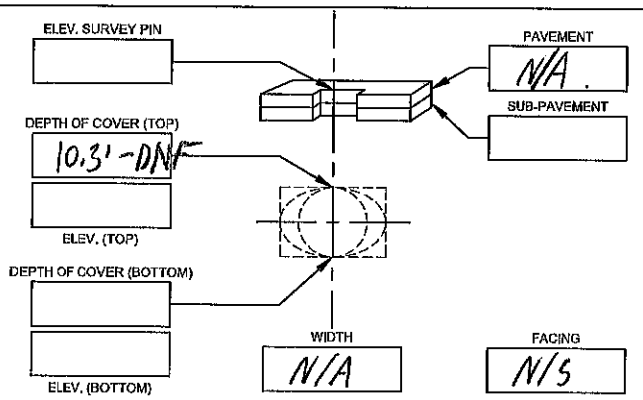
NUMBER OF HOLES: 1 DATE: 6/21/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



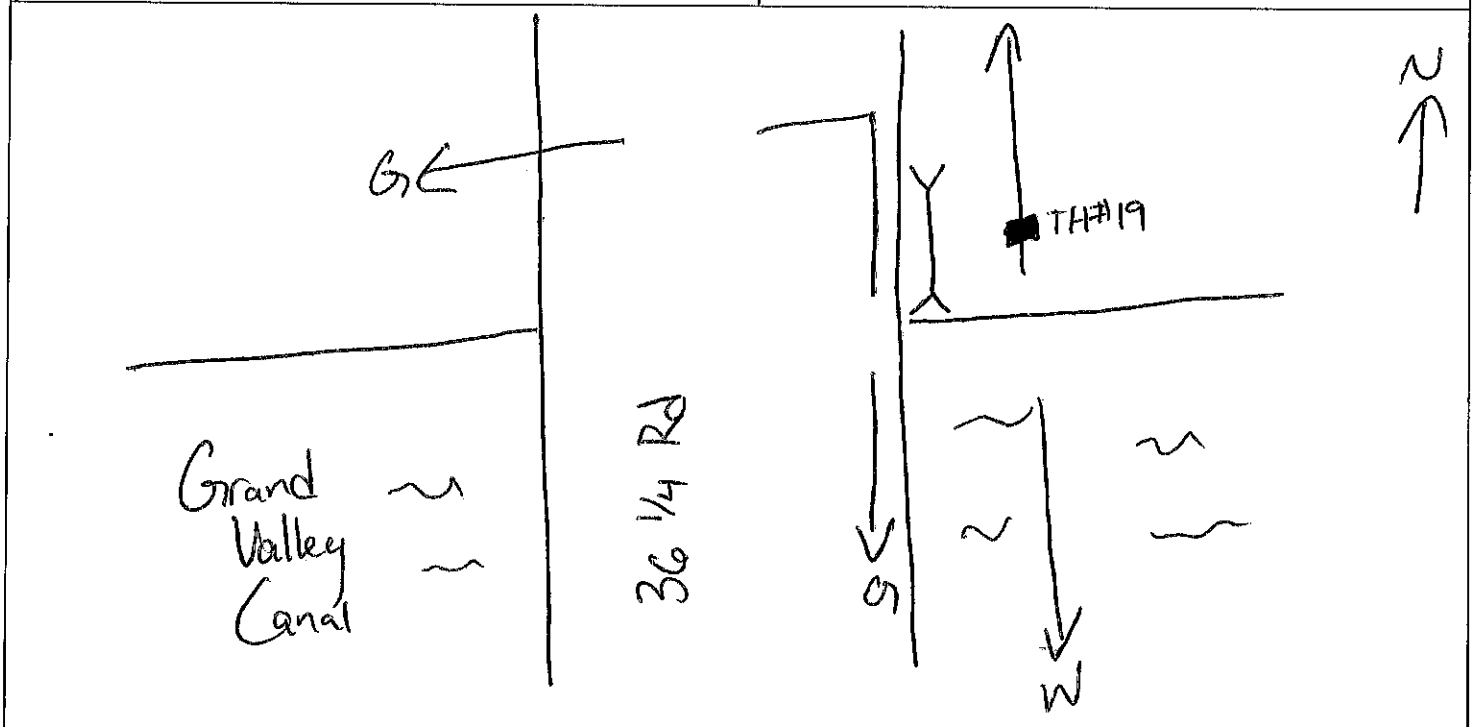
NOTES:

Ute Water
Dug 10' and DNF water

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 20

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** 2LA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP (RCP) PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 48" **SIZE EXPECTED:** 48"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV24 PROPOSED: Hannah S
FORM CHECKED BY:

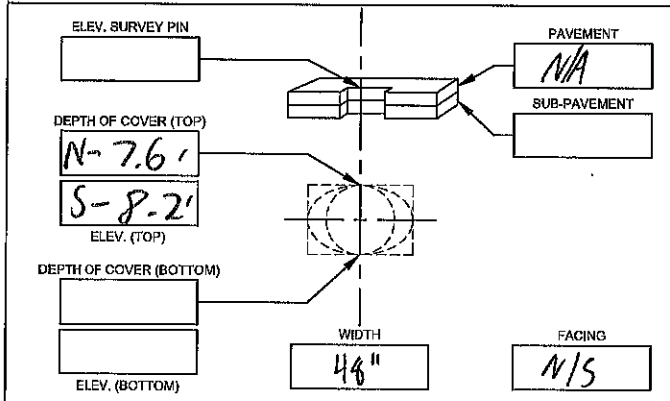
FORM BY: Luke L ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/21/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

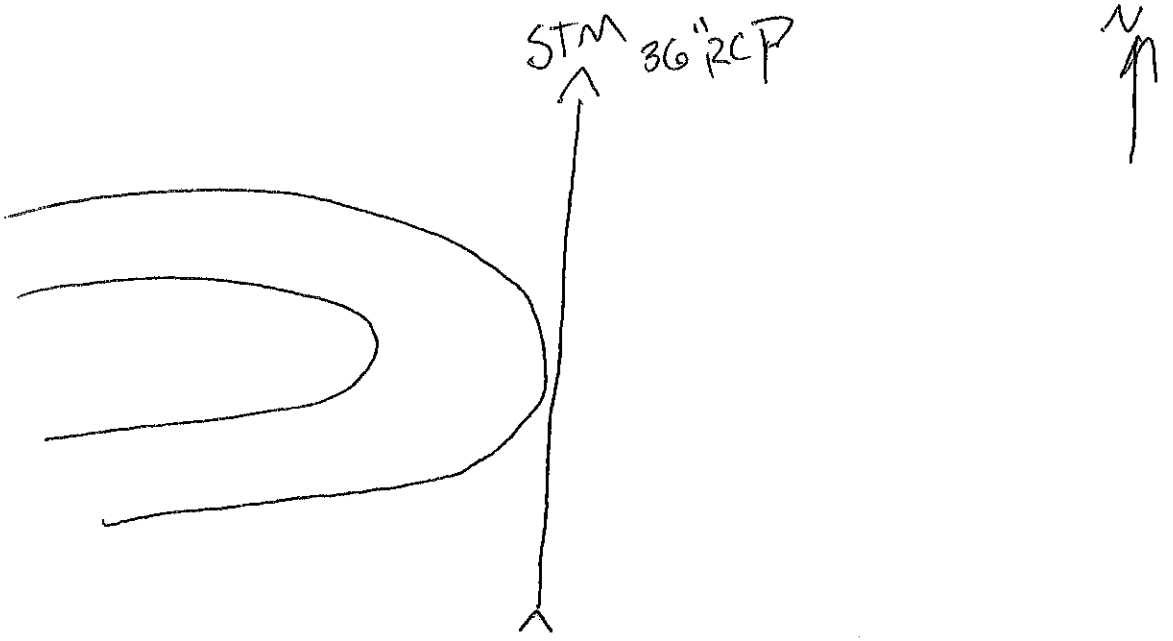


NOTES: Inverted north and south openings
North - 7.6' depth
South - 8.2' depth

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 21

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** 01A

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV25 PROPOSED:

FORM CHECKED BY: HannahS

FORM BY: Luke L ASSISTED BY: HannahS

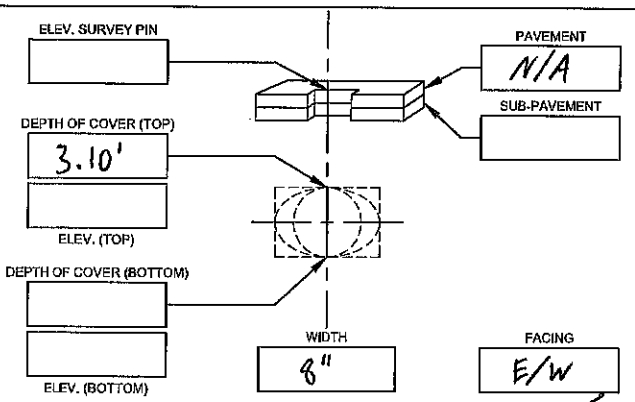
NUMBER OF HOLES: 1 DATE: 6/19/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



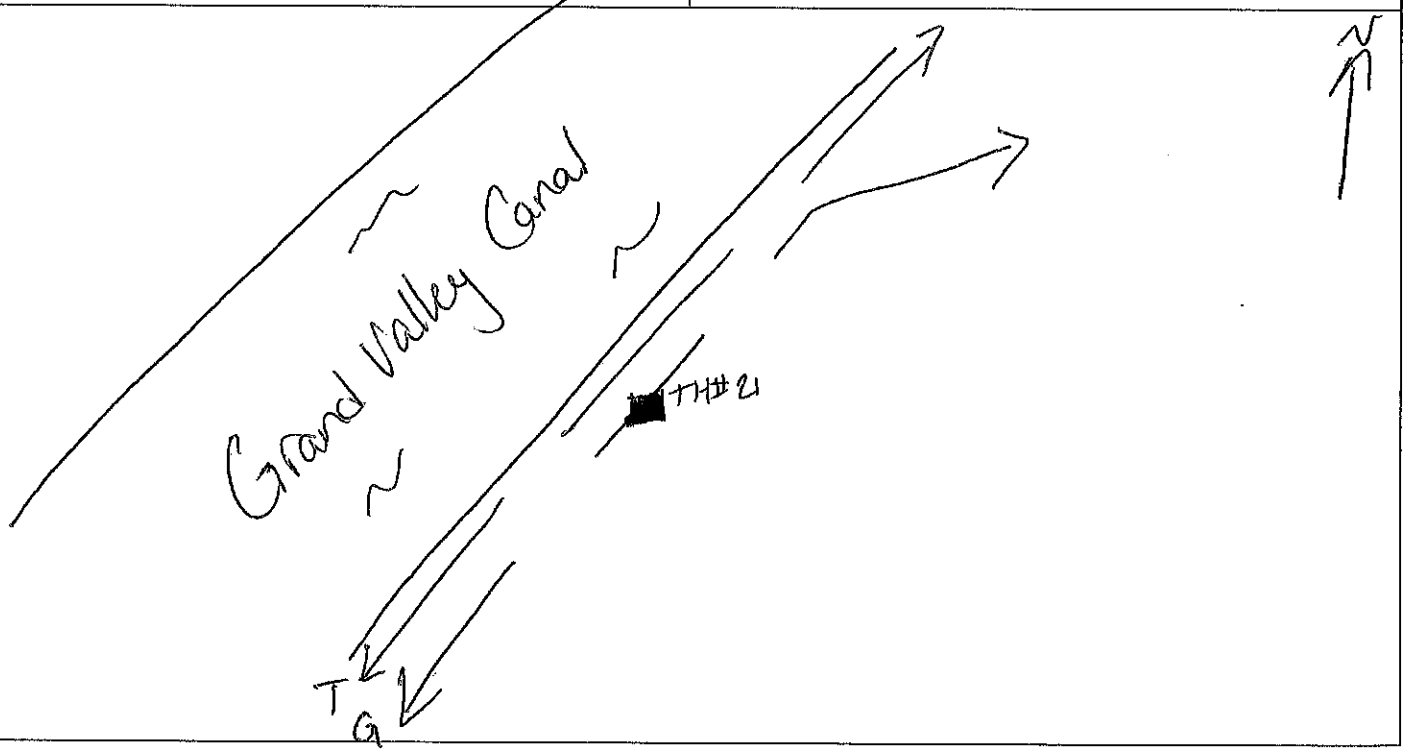
NOTES:

Xcel Energy

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 22

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) PE

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV26 PROPOSED: Hannah S
FORM CHECKED BY:

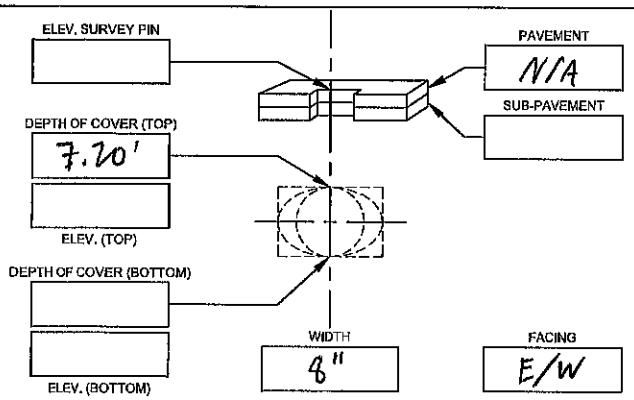
FORM BY: Luke L ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/20/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

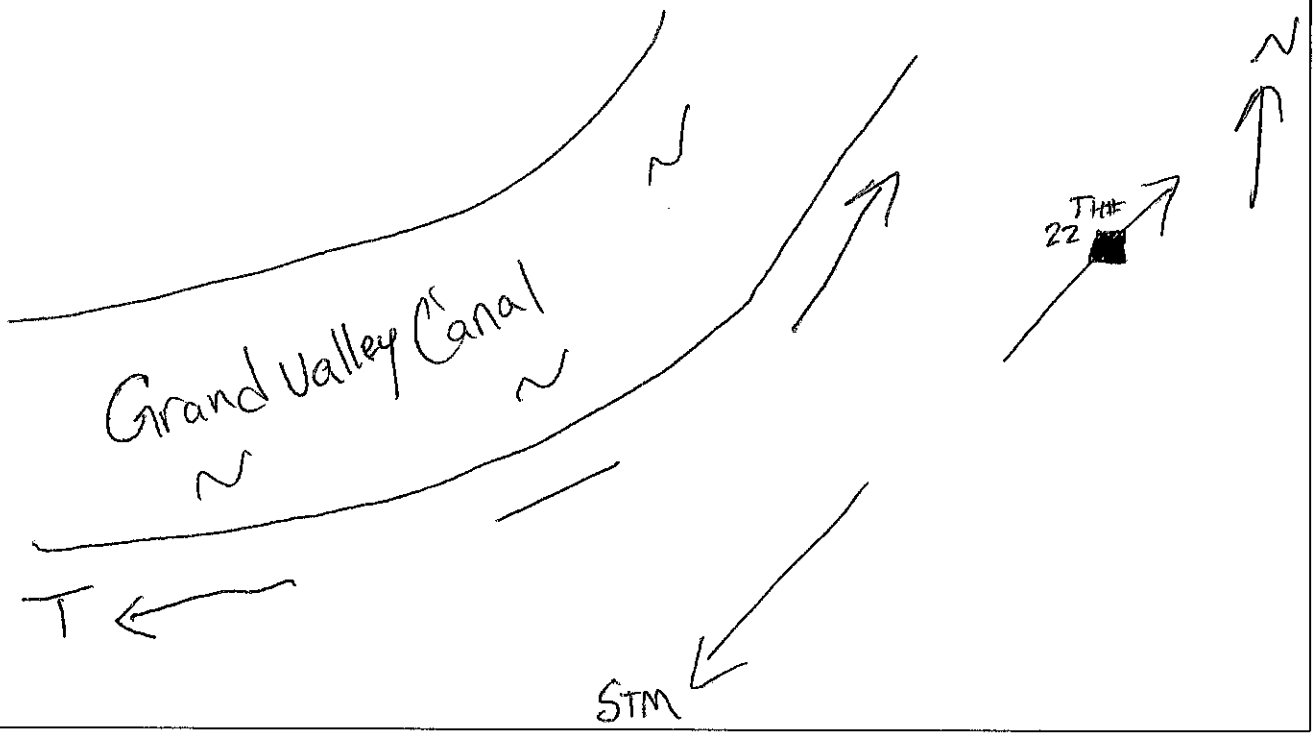


NOTES:
Grand Valley Drainage District

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 23

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK DIRT (GRASS) SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV27 PROPOSED: Hannah S
FORM CHECKED BY:

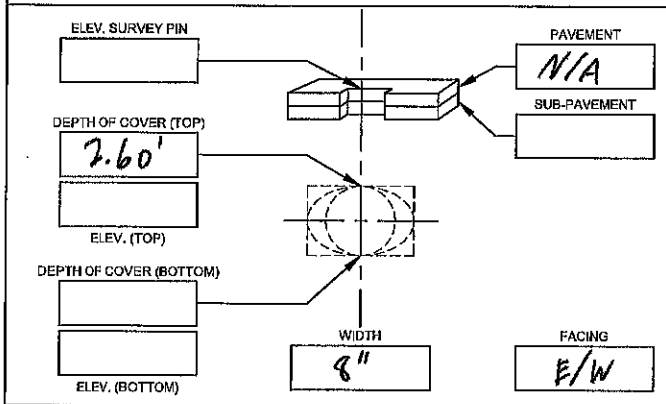
FORM BY: Luke L ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/19/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

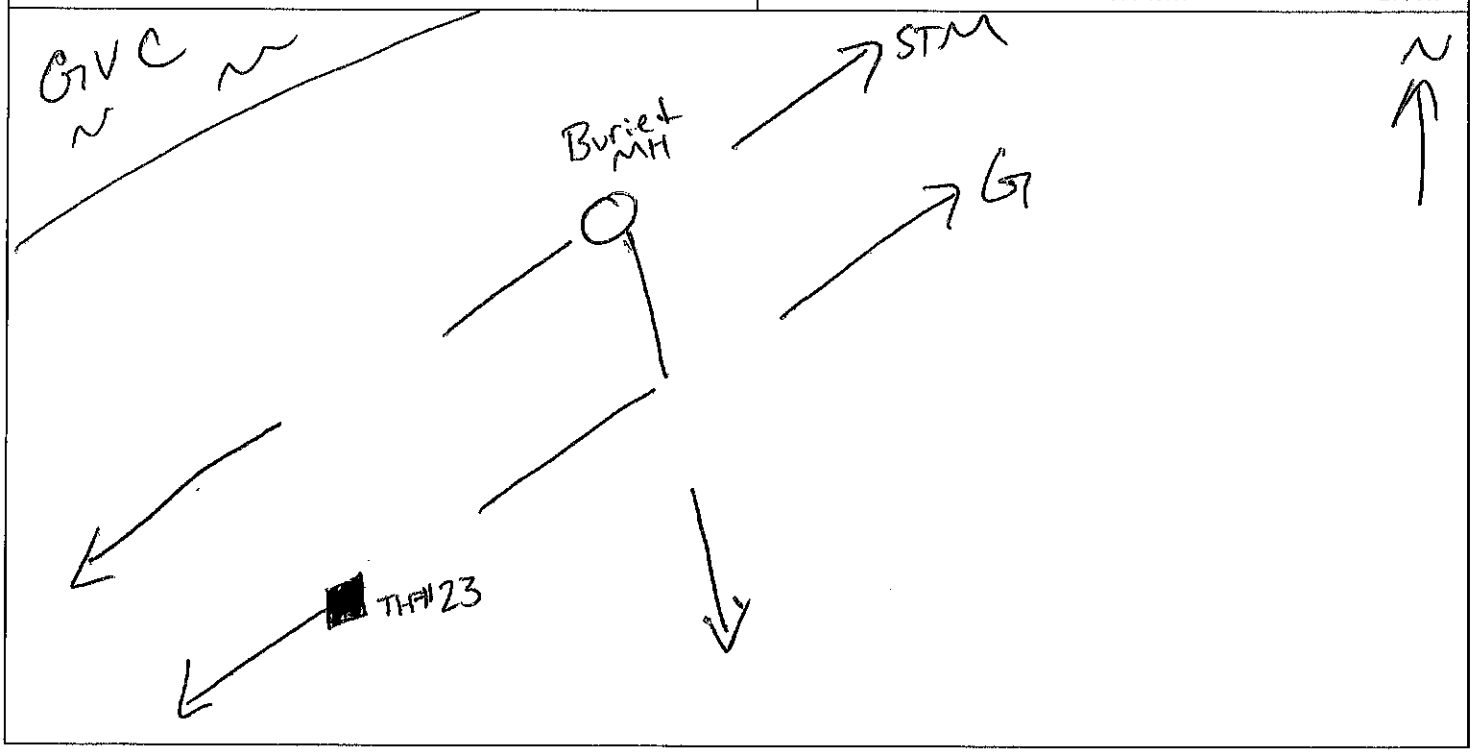
SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES:
Xcel Energy

SURVEY INFORMATION:
GIVEN ELEVATION:
STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 24

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** SLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: **SIZE EXPECTED:** 15"

UTILITY CONDITION: GOOD FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK DIRT (GRASS) SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR N/A

SOIL CONDITIONS: HARD SOFT WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU 27 PROPOSED: Hannah S

FORM BY: LukeL ASSISTED BY: Hannah S

FORM CHECKED BY:

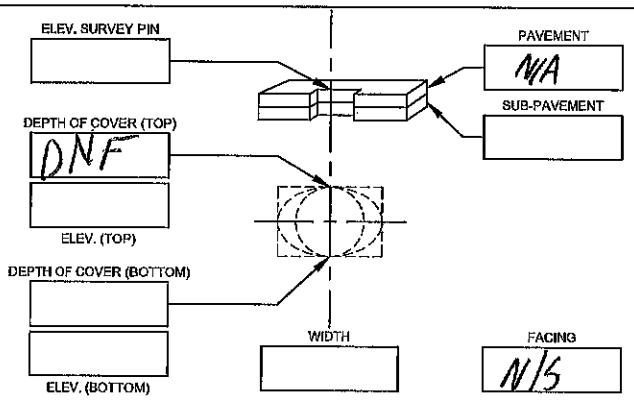
NUMBER OF HOLES: 1 DATE: 6/28/2024 TIME:

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



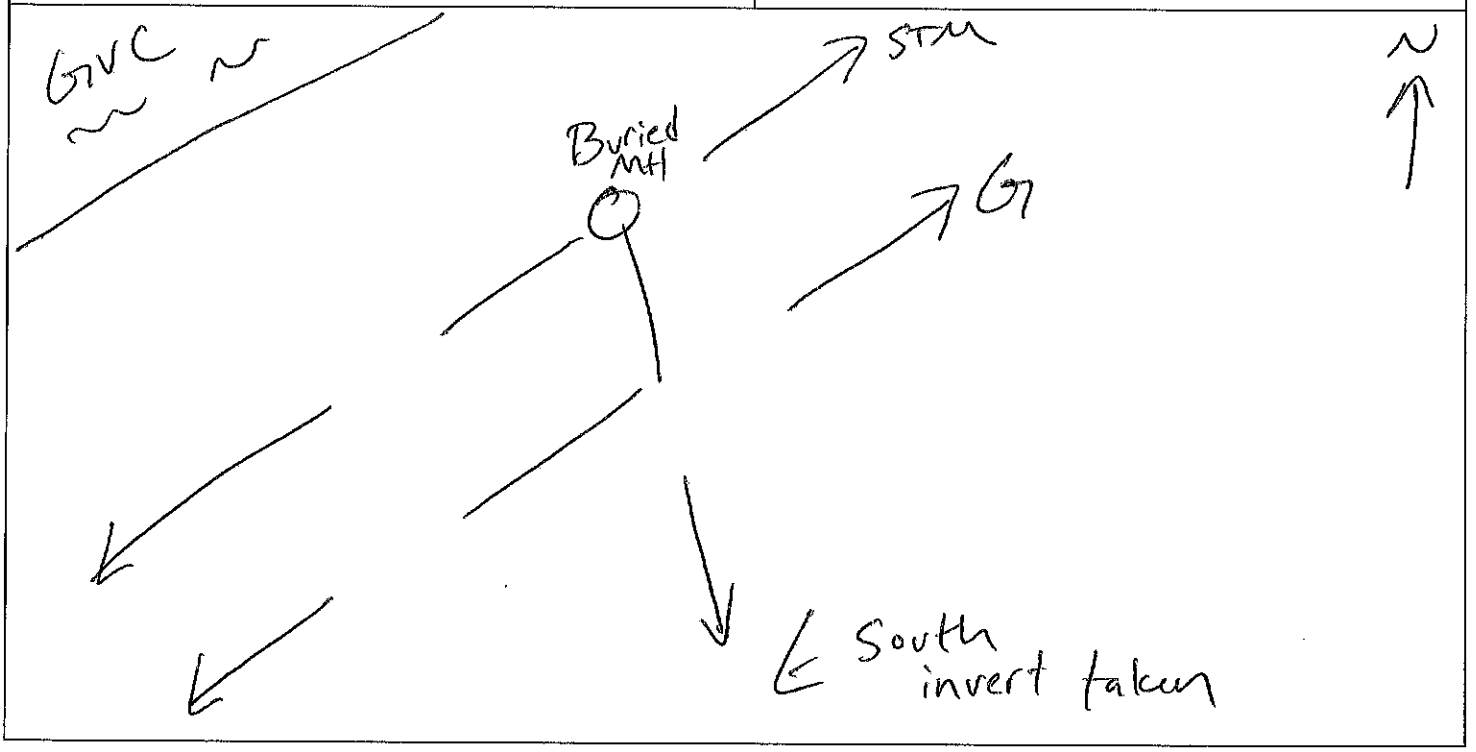
NOTES:

Inverts taking from each direction.
South end inverted
NMH buried.

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 25

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK DIRT (GRASS) SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT (WET) MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU28 PROPOSED:
FORM CHECKED BY: HannahS

FORM BY: Luke L ASSISTED BY: HannahS

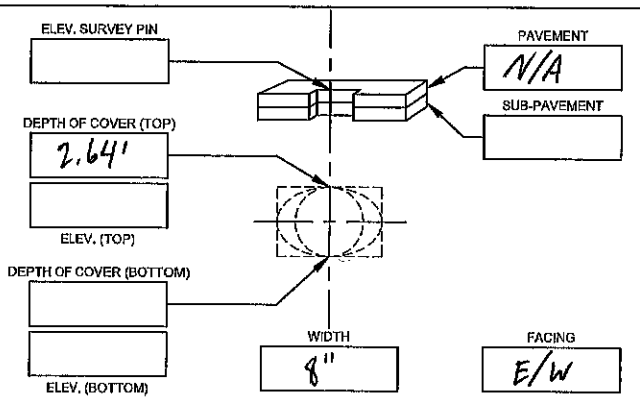
NUMBER OF HOLES: 1 DATE: 6/19/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

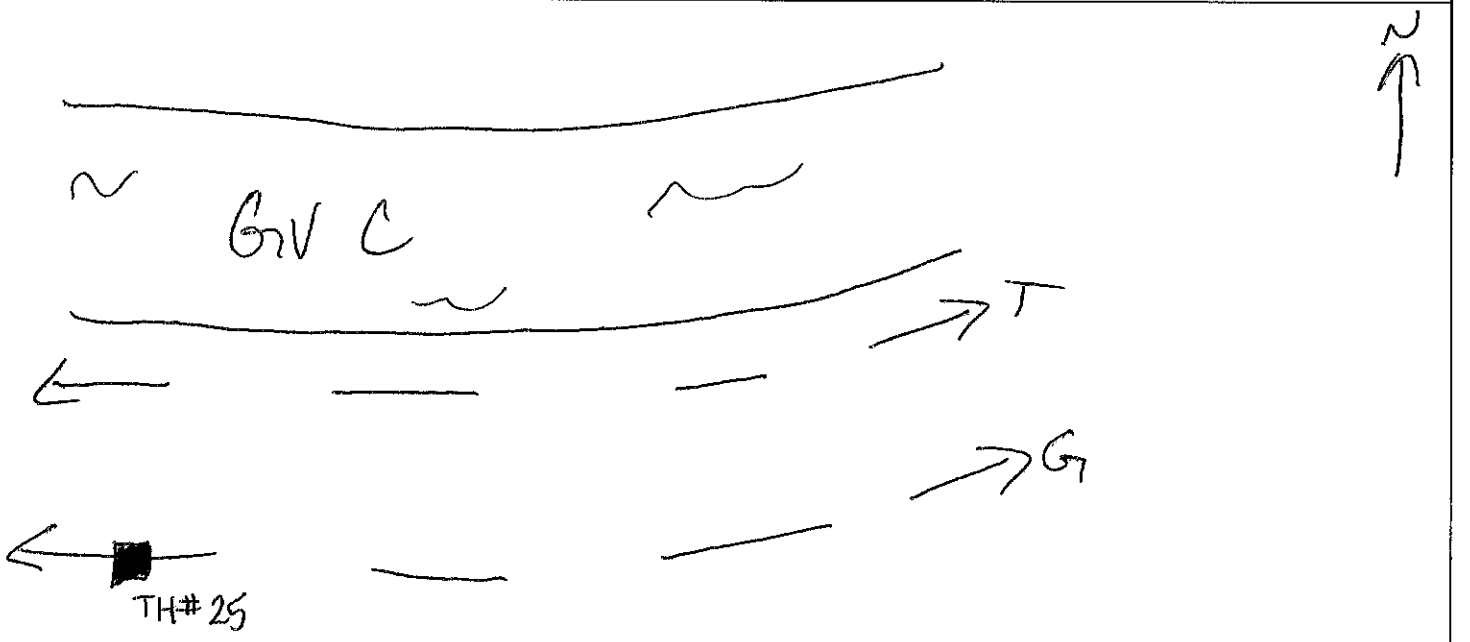
NOTES:
Xcel Energy



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 26

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: GOOD FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR N/A

SOIL CONDITIONS: HARD SOFT WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU29 PROPOSED: Hannah S
FORM CHECKED BY:

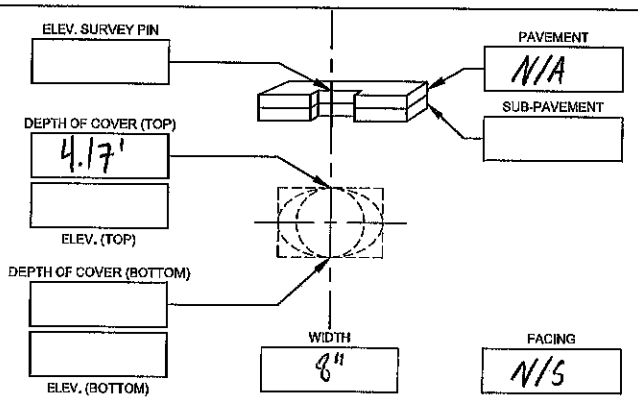
FORM BY: Luke L ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/18/2024 TIME:

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

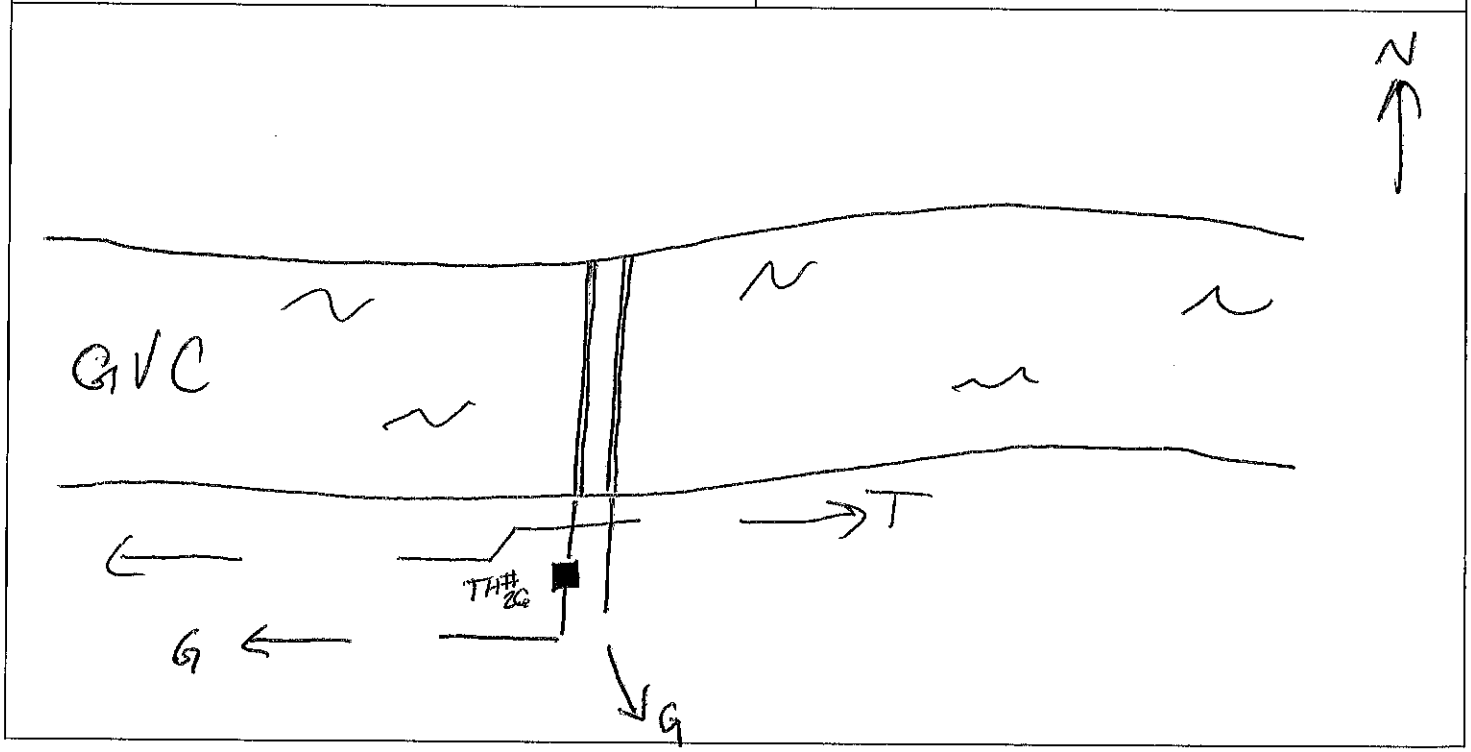


NOTES:
Xcel Energy

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 27

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: DNF **SIZE EXPECTED:** 6"

UTILITY CONDITION: GOOD FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT (WET) MOIST DRY ROOTS
SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU29 PROPOSED: Hannah S
FORM CHECKED BY:

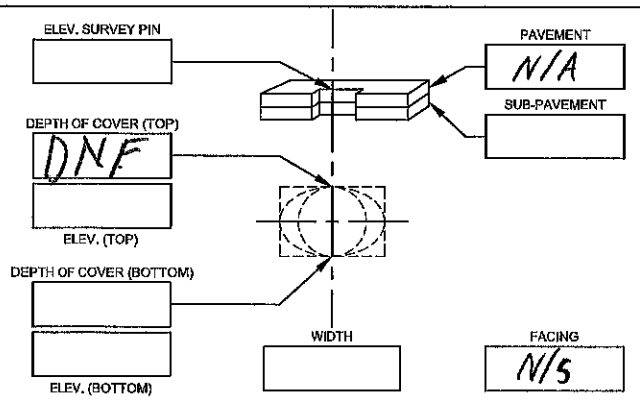
FORM BY: Luke L ASSISTED BY: Hannah S

NUMBER OF HOLES: 1 DATE: 6/19/2024 TIME:

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

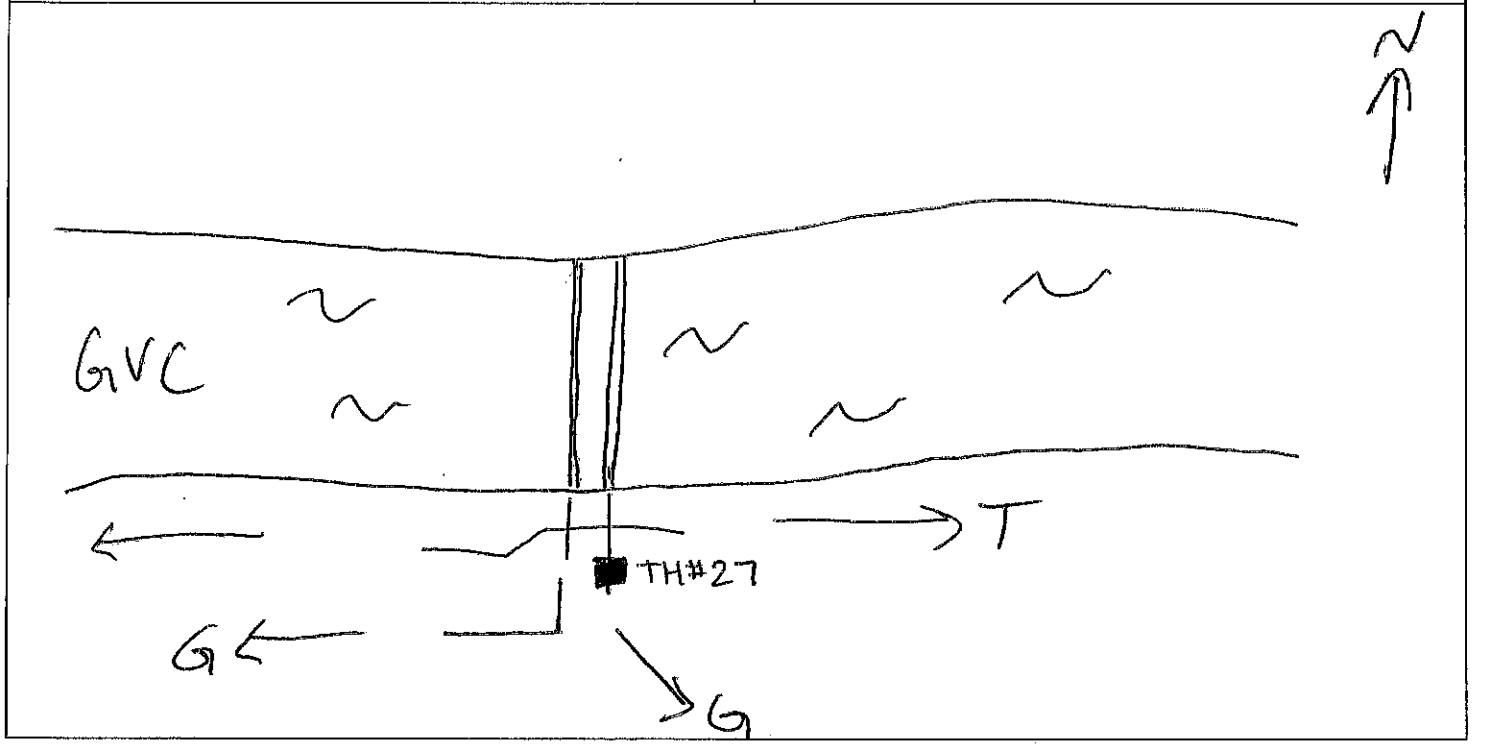
SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES:
High pressure gas, water entering and filling hole, rocks throughout. Xcel standby needs to visualize line.

SURVEY INFORMATION:
GIVEN ELEVATION:
STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 28

PROJECT NAME: Parkade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: FO GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) PE

SIZE AS FOUND: 1.25" **SIZE EXPECTED:** 1.25"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU31 PROPOSED: HannahS

FORM CHECKED BY:

FORM BY: LukeL ASSISTED BY: HannahS

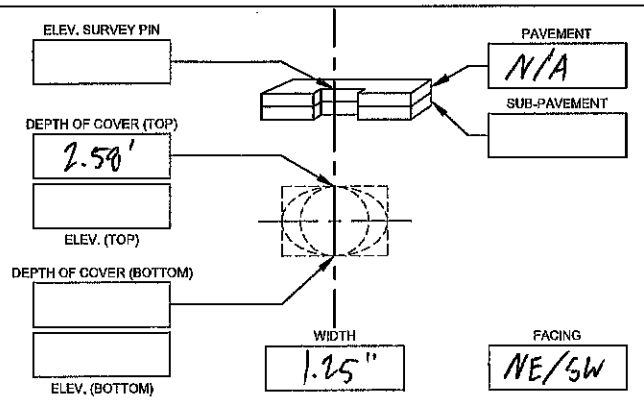
NUMBER OF HOLES: 1 DATE: 6/18/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES:

Clearnetworx

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT

AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 29

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER (TELE) FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER (TELE) FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) PE

SIZE AS FOUND: 2" **SIZE EXPECTED:** 2"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV31 PROPOSED: HannahS

FORM CHECKED BY:

FORM BY: Luke L ASSISTED BY: HannahS

NUMBER OF HOLES: 1 DATE: 6/18/2024 TIME:

INSTALLED: PK (NUP) STEEL PIN CHISX CHIS BOX

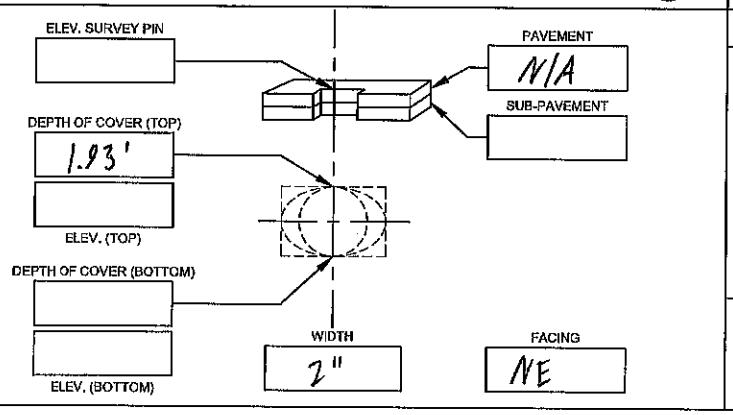
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

NOTES:

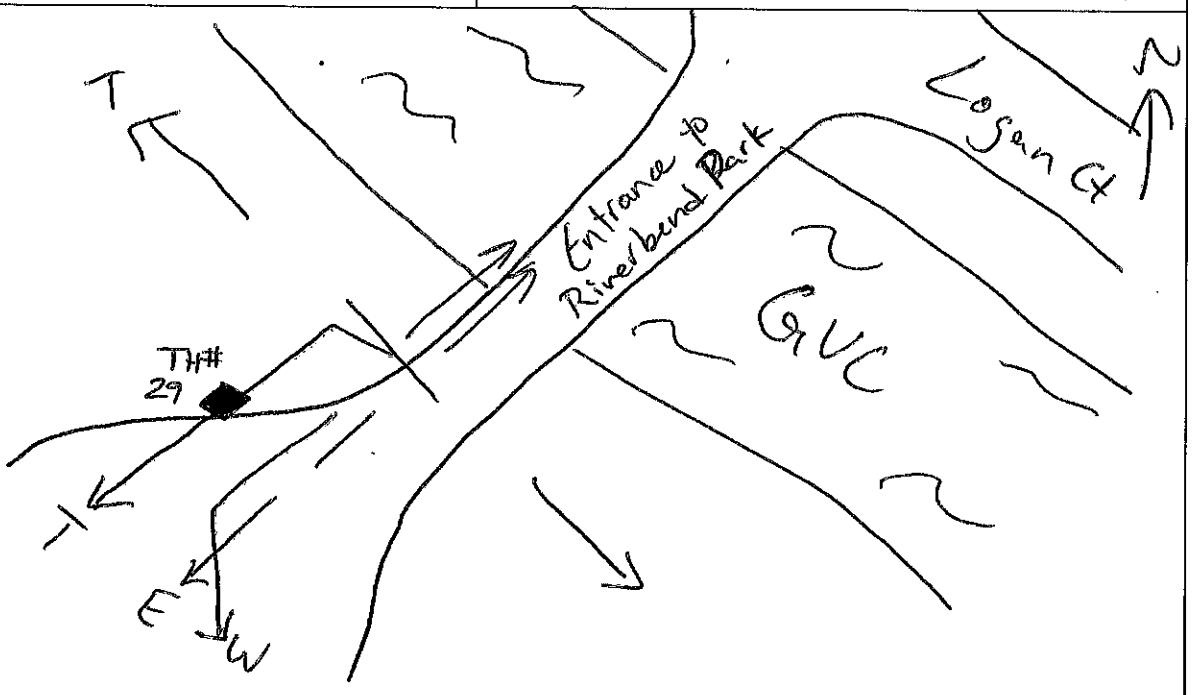
CenturyLink/Lumen



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 30

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC (ELECTRIC) UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC (ELECTRIC) UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. (OTHER) PE

SIZE AS FOUND: 2" **SIZE EXPECTED:** 2"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU31 PROPOSED:

FORM BY: Luke L FORM CHECKED BY: Hannah S

ASSISTED BY: Hannah S

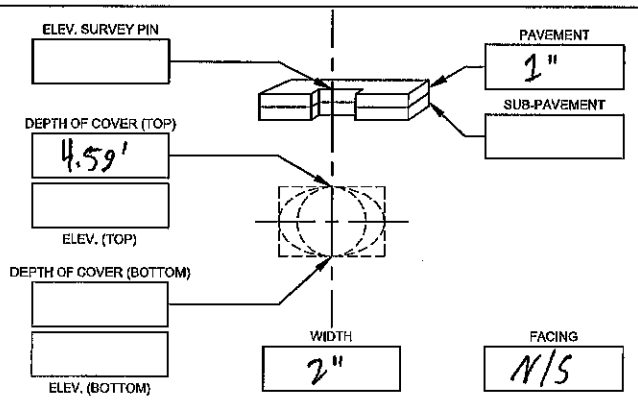
NUMBER OF HOLES: 1 DATE: 6/18/2024 TIME:

INSTALLED: (PK) HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



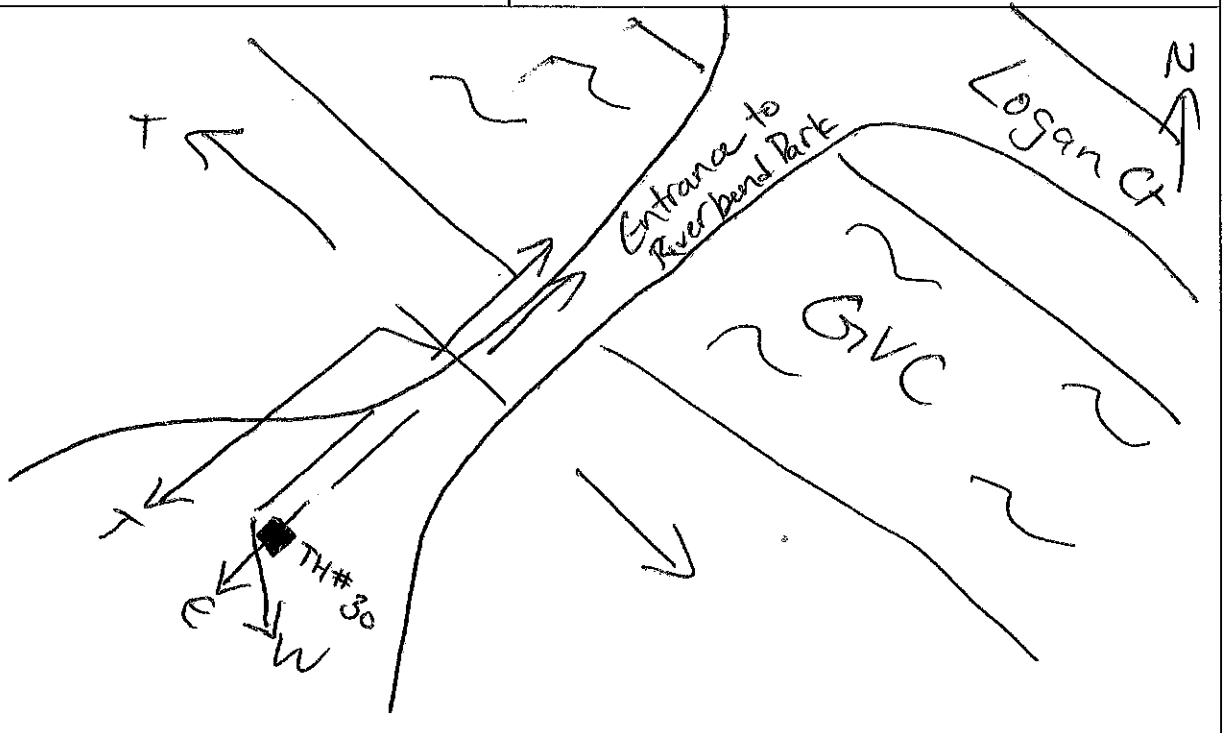
NOTES:

Xcel Energy

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 31

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** QA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN
FORCEMAIN CATV (WATER) TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN
FORCE MAIN CATV (WATER) TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 2" **SIZE EXPECTED:** 2"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:
(ASPHALT) CONCRETE ASPHALT OVER CONCRETE
BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: GOOD (FAIR) POOR N/A

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY (ROOTS)
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV31 PROPOSED: HannahS
FORM CHECKED BY:

FORM BY: Luke L ASSISTED BY: HannahS

NUMBER OF HOLES: 1 DATE: 6/18/2024 TIME:

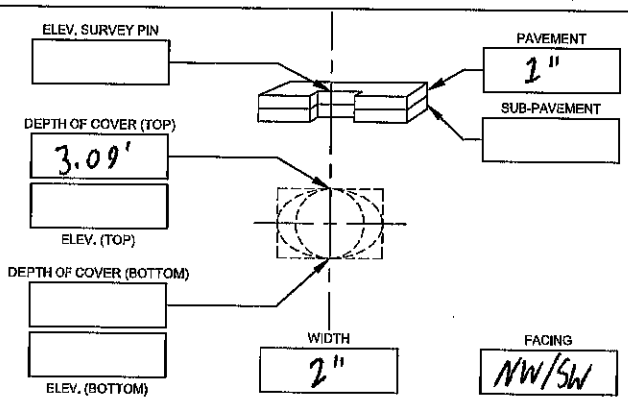
INSTALLED: (PK) HUB STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

NOTES:

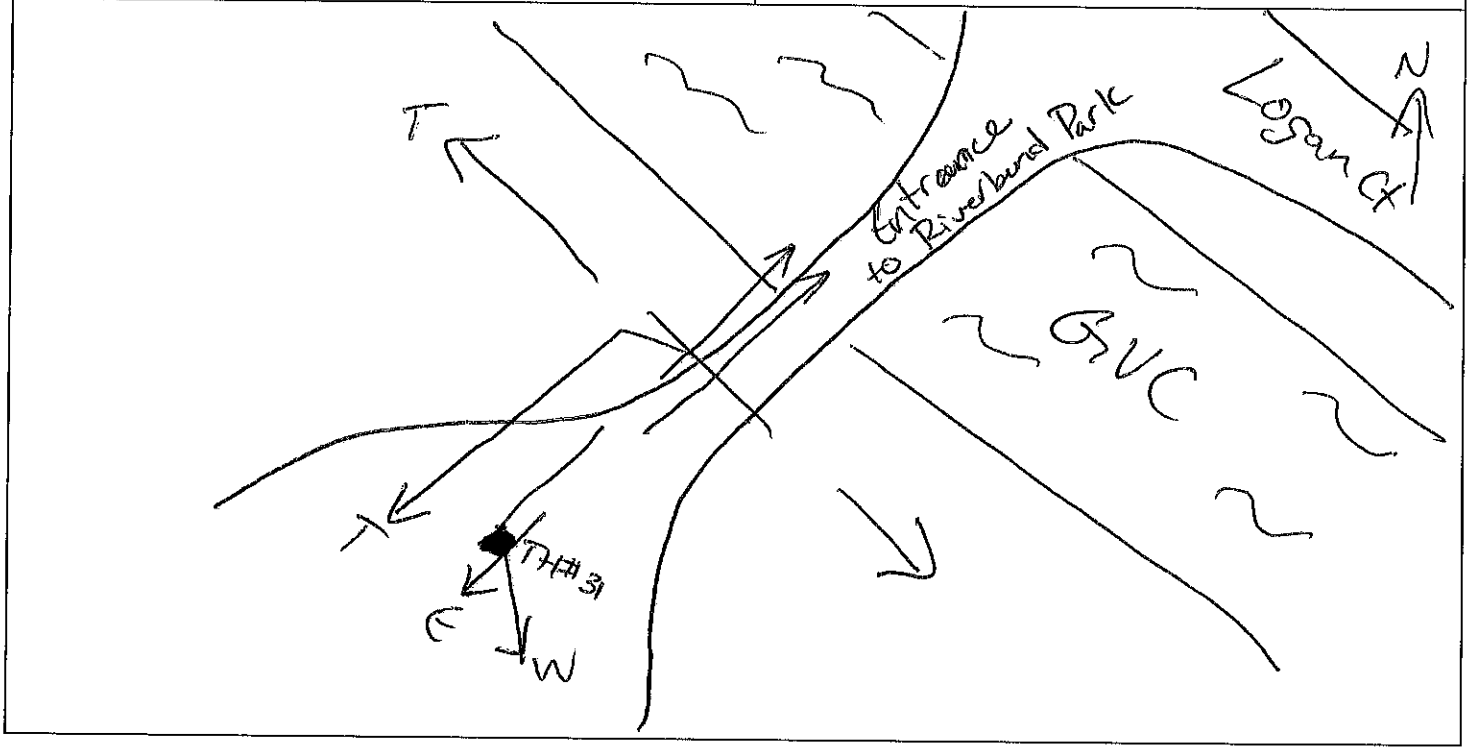
Town of Palisade



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 32

PROJECT NAME: Palisade-Clifton Sewer Transfer

AGENCY PROJECT NO. **PHASE/TASK:** 2LA

LOCATED REQUESTED BY (CLIENT): J-U-B Engineers

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC (ELECTRIC) UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC (ELECTRIC) UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR (D.B. CABLE) UNK. OTHER

SIZE AS FOUND: **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE PINK (N/A)

PAVEMENT TYPE:

ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK DIRT (GRASS) SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY (ROCK) SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV32 PROPOSED:

FORM CHECKED BY: HannahS

FORM BY: Luke L ASSISTED BY: HannahS

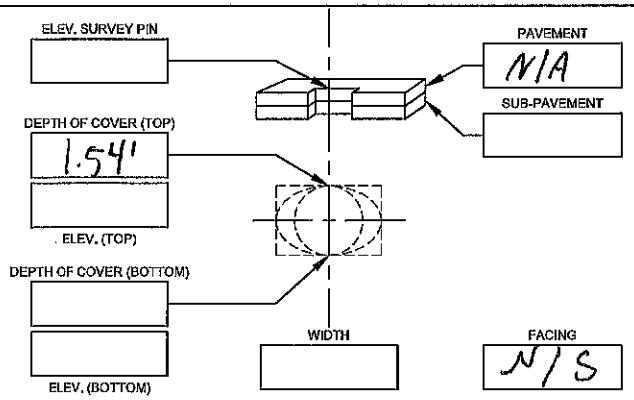
NUMBER OF HOLES: 1 DATE: 6/6/2024 TIME:

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES:

Town of Palisade
3 cables @ 1/4"
4 cables @ 1/2"
bundled

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 33

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 6" **SIZE EXPECTED:** 6"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV3 PROPOSED:

FORM BY: COLTAN K. FORM CHECKED BY: ASSISTED BY: KASEY H.

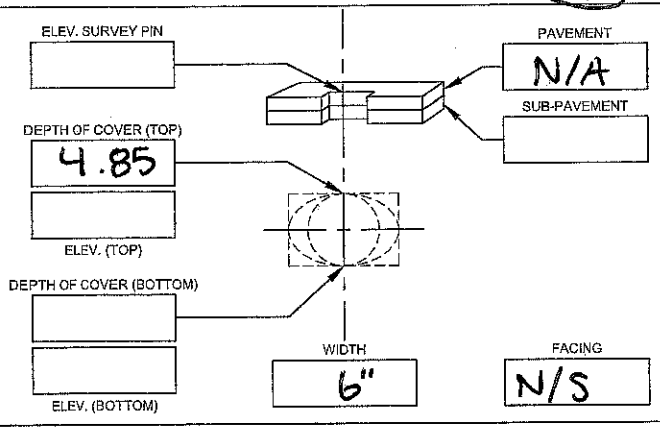
NUMBER OF HOLES: 1 DATE: 2-4-25 TIME: 1300

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: (CROWN) EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES: UTILITY OWNER

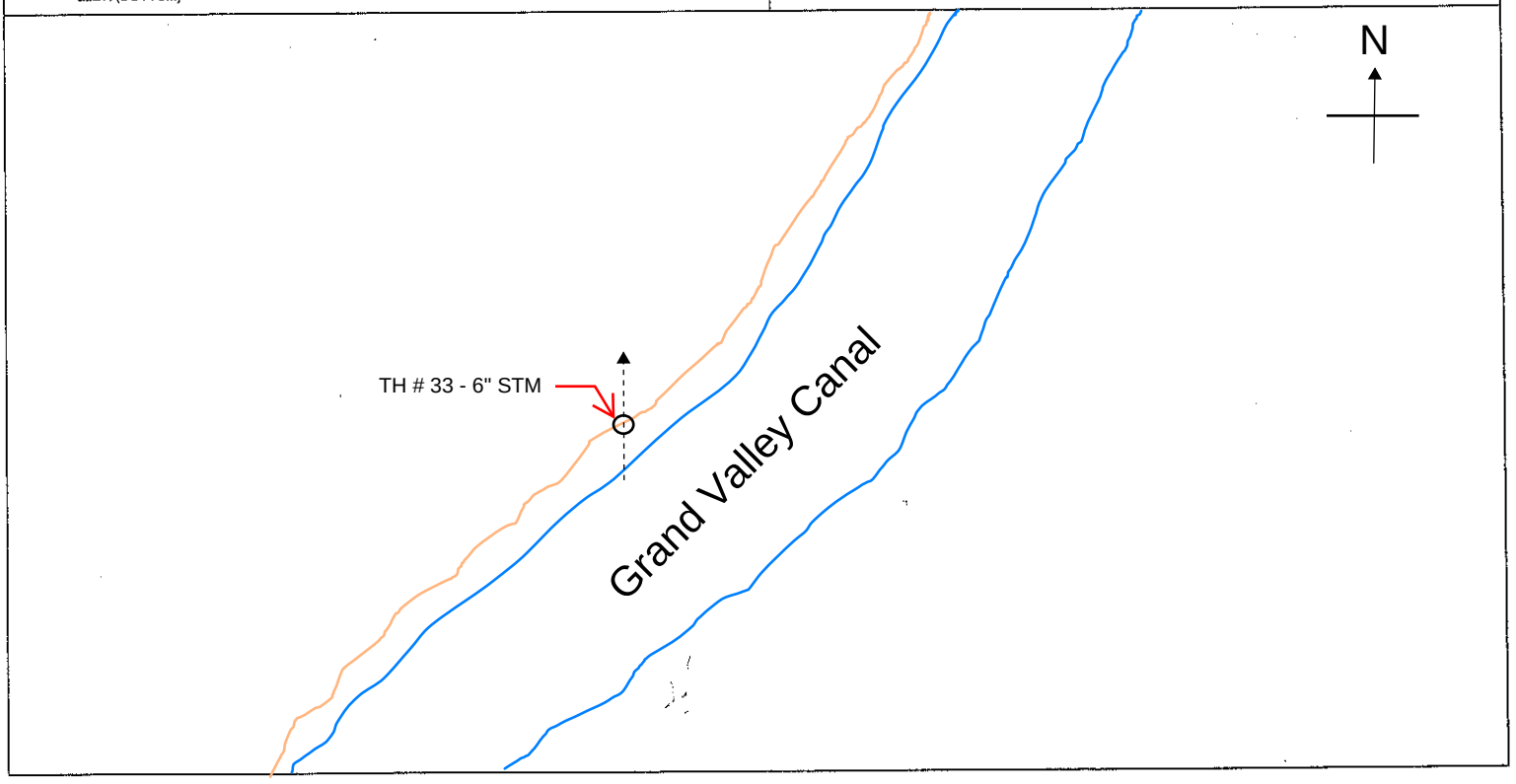
GRAND VALLEY DRAINAGE DISTRICT

(970) 242-4343

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 34

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE (PINK) N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU4 PROPOSED:
FORM CHECKED BY:

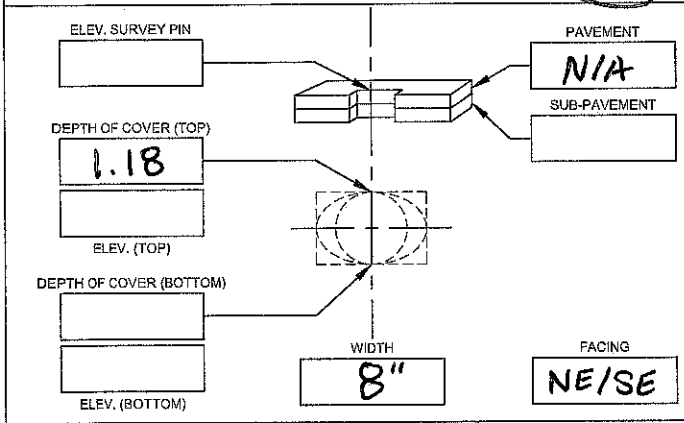
FORM BY: COLTAN K. ASSISTED BY: KASEY H.

NUMBER OF HOLES: 1 DATE: 2-4-25 TIME: 1415

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: (CROWN) EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

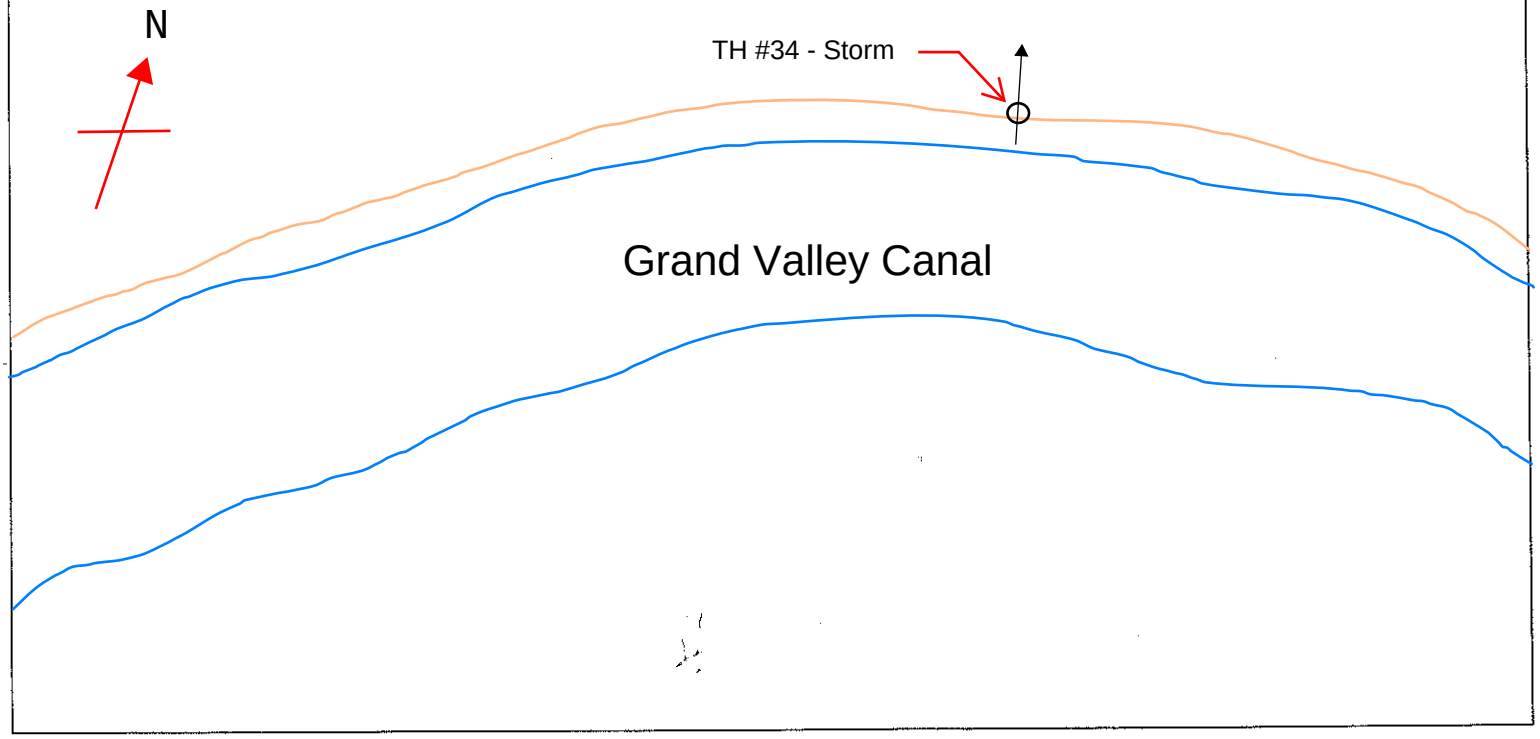


NOTES: UTILITY OWNER
GRAND VALLEY DRAINAGE DISTRICT
(970) 242-4343

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 35

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 PHASE/TASK: QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I (STEEL) WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:** 8"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: (ASPHALT) CONCRETE ASPHALT OVER CONCRETE BRICK DIRT GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU 15 PROPOSED:

FORM CHECKED BY:

FORM BY: COLTAN K. ASSISTED BY: KASEY H.

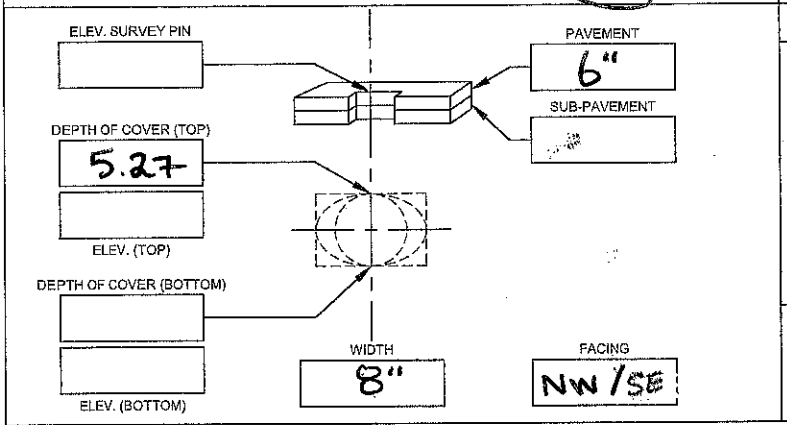
NUMBER OF HOLES: 1 DATE: 2-5-25 TIME: 1100

INSTALLED: (PK) HUB STEEL (PIN) SX CHIS BOX

AT: (CROWN) EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

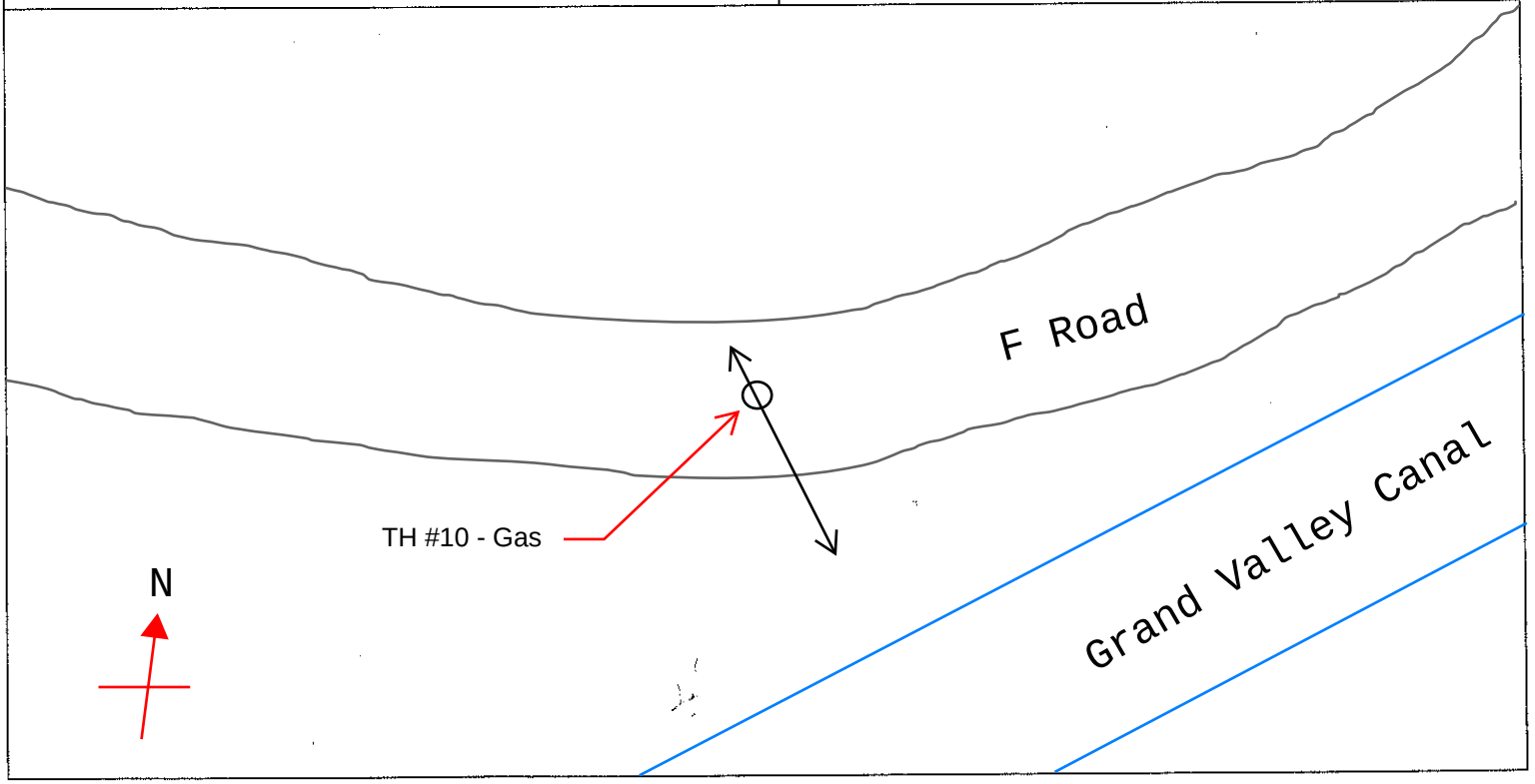


NOTES: UTILITY OWNER
XCEL ENERGY (303) 987-8893
HIGH PRESSURE *

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 36

PROJECT NAME: PALISADE - CLIFTON 3. TRANSFER

AGENCY PROJECT NO. B1-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.V.B

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL (WRAP-STEEL) COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 4" **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK DIRT (GRASS) SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV21 PROPOSED:

FORM CHECKED BY:

FORM BY: COLTAN K. ASSISTED BY: KASEY H.

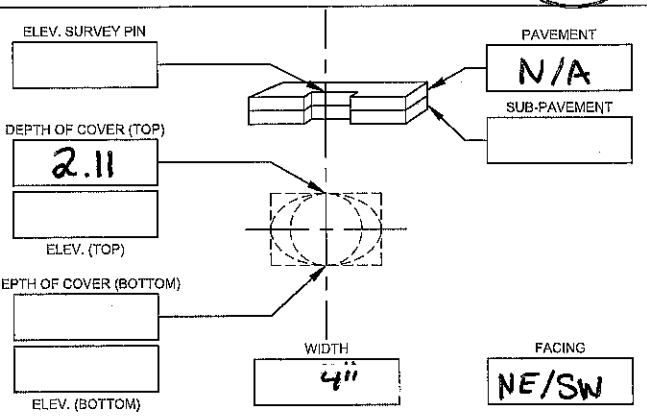
NUMBER OF HOLES: 1 DATE: 1-28-25 TIME: 1030

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES: UTILITY OWNER

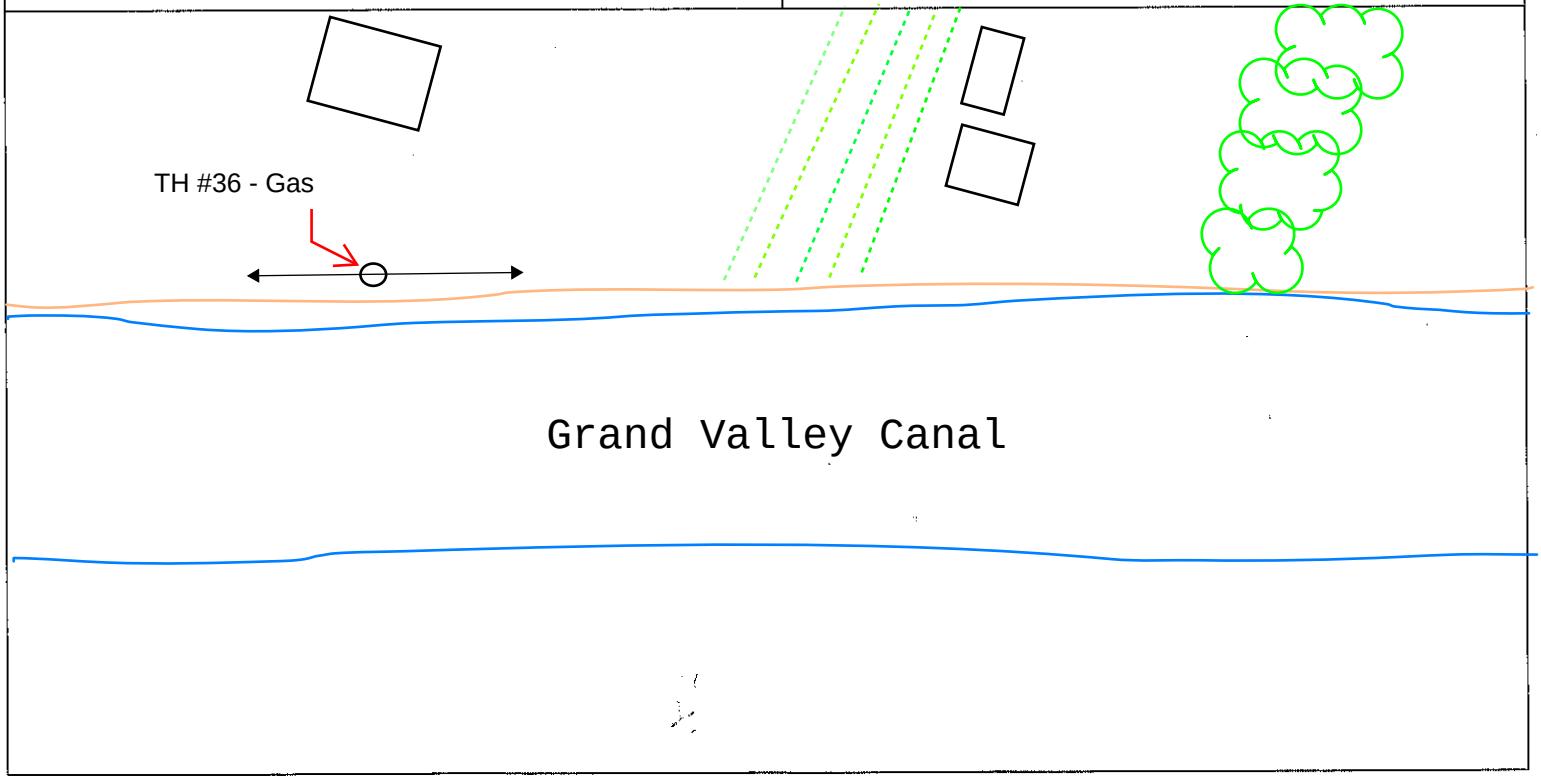
XCEL ENERGY (800) 628-2121

* NO MARKER WAS LEFT PER J.U.B'S REQUEST, WAS SURVEYED AFTER EXPOSED.

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 37

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP (RCP) PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 18" **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE (PINK) N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU21 PROPOSED:
FORM CHECKED BY:

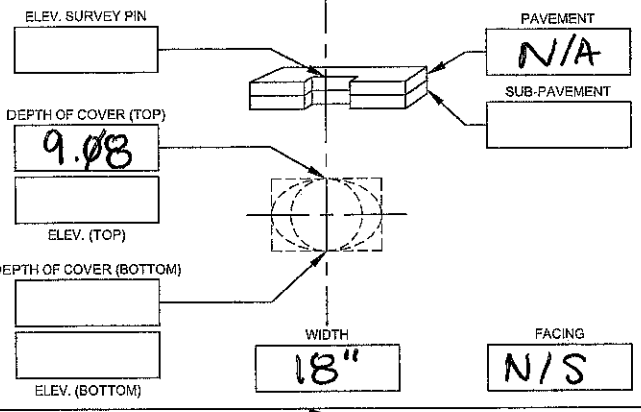
FORM BY: COLTAN K. ASSISTED BY: KASEY H.

NUMBER OF HOLES: 1 DATE: 2-12-25 TIME: 1200

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

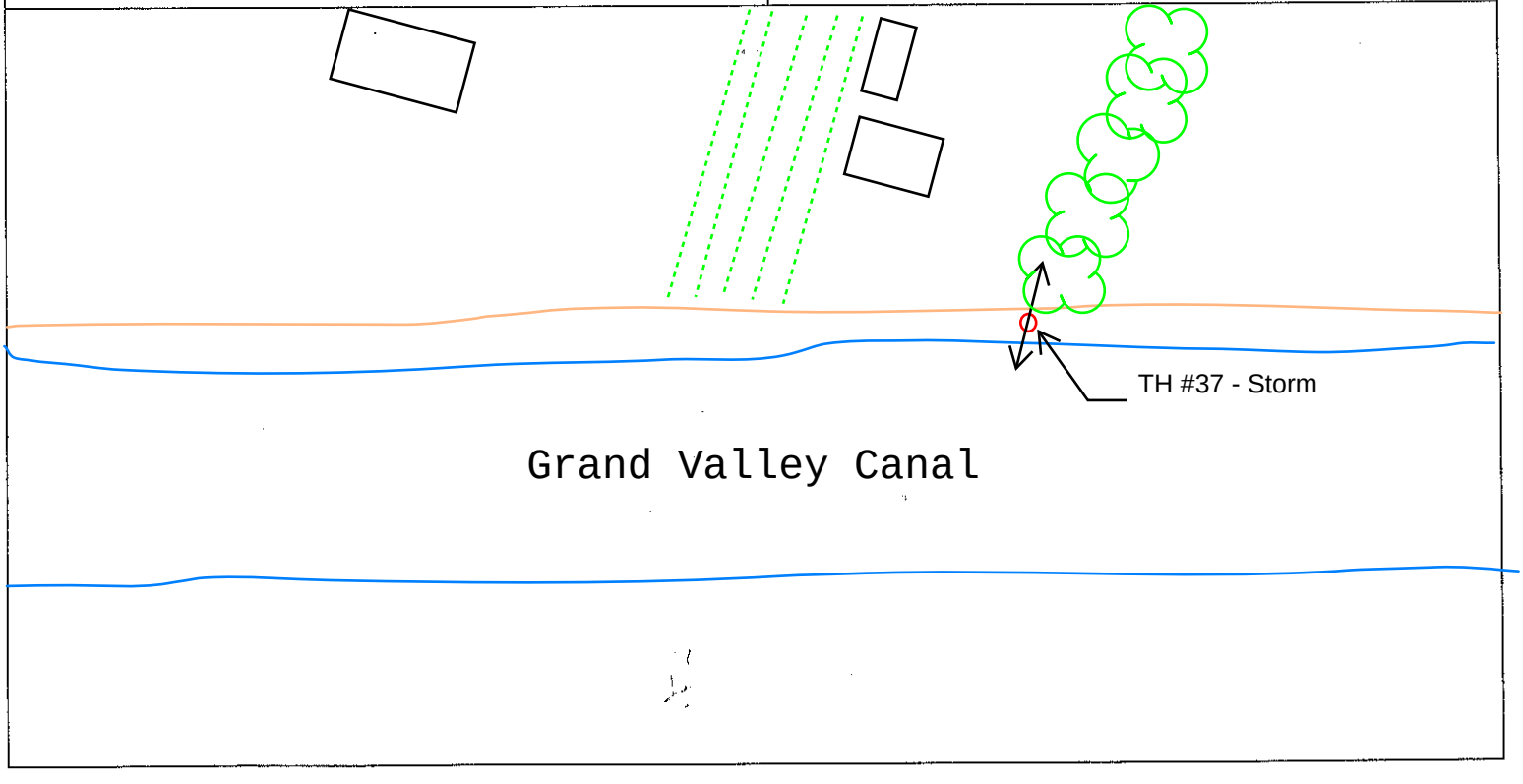
SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES: UTILITY OWNER
GRAND VALLEY DRAINAGE DISTRICT
(970) 242-4343
SURVEYED WHILE EXPOSED, NO MARKER LEFT PER J.U.B'S REQUEST. *

SURVEY INFORMATION:
GIVEN ELEVATION:
STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 38

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: GAS FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION)

LOCATED UTILITY: GAS FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION) D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: DNF **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE (PINK) N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS
SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV24 PROPOSED:
FORM CHECKED BY:

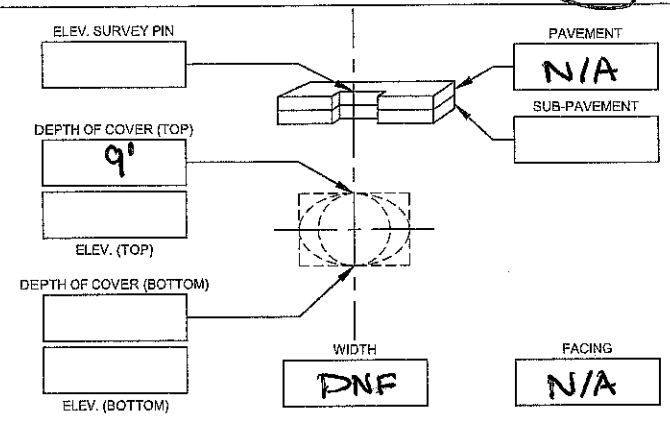
FORM BY: COLTAN K. ASSISTED BY: KASEY H.

NUMBER OF HOLES: 1 DATE: 2-4-25 TIME: 1200

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX
AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



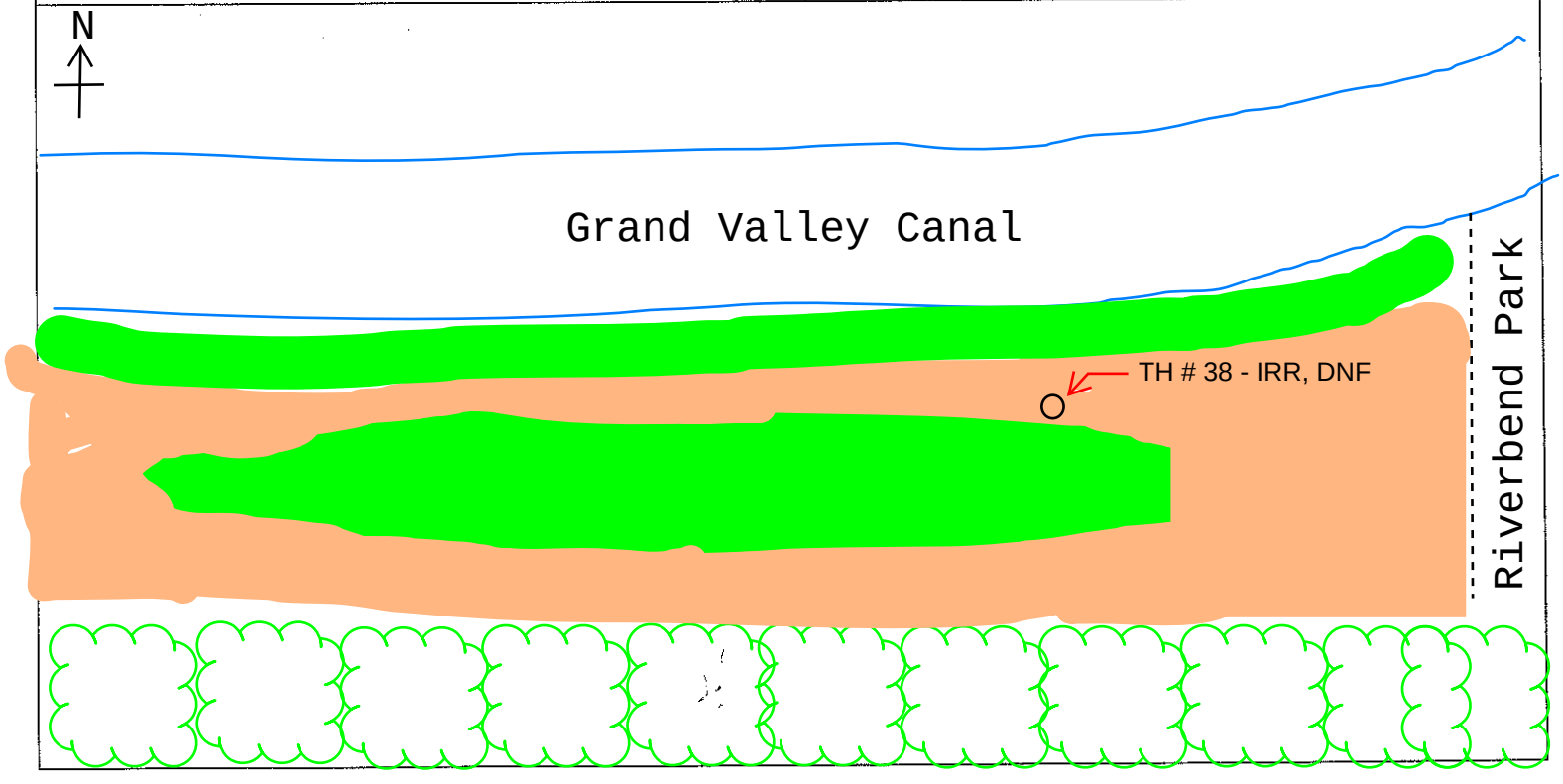
NOTES:

*DNF, PROBED TO 9' ENCOUNTERED GROUND WATER AS WELL AS ROCKBED

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 39

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: GAS FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION)

LOCATED UTILITY: GAS FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION) D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: DNF **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SV PROPOSED:

FORM CHECKED BY:

FORM BY: COLTAN K. ASSISTED BY: KASEY H.

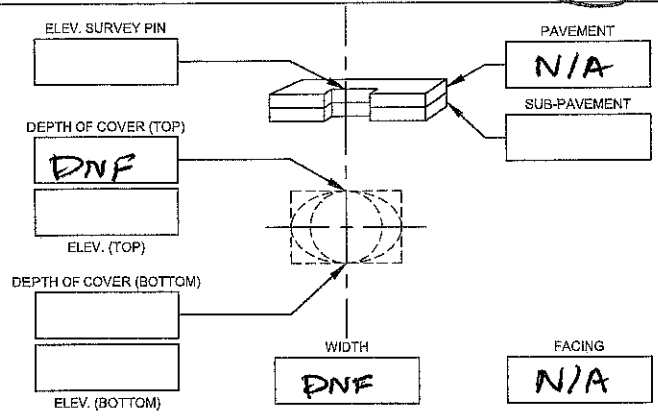
NUMBER OF HOLES: 1 DATE: TIME:

INSTALLED: PK HUB STEEL PIN CHISX CHIS BOX

AT: CROWN EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



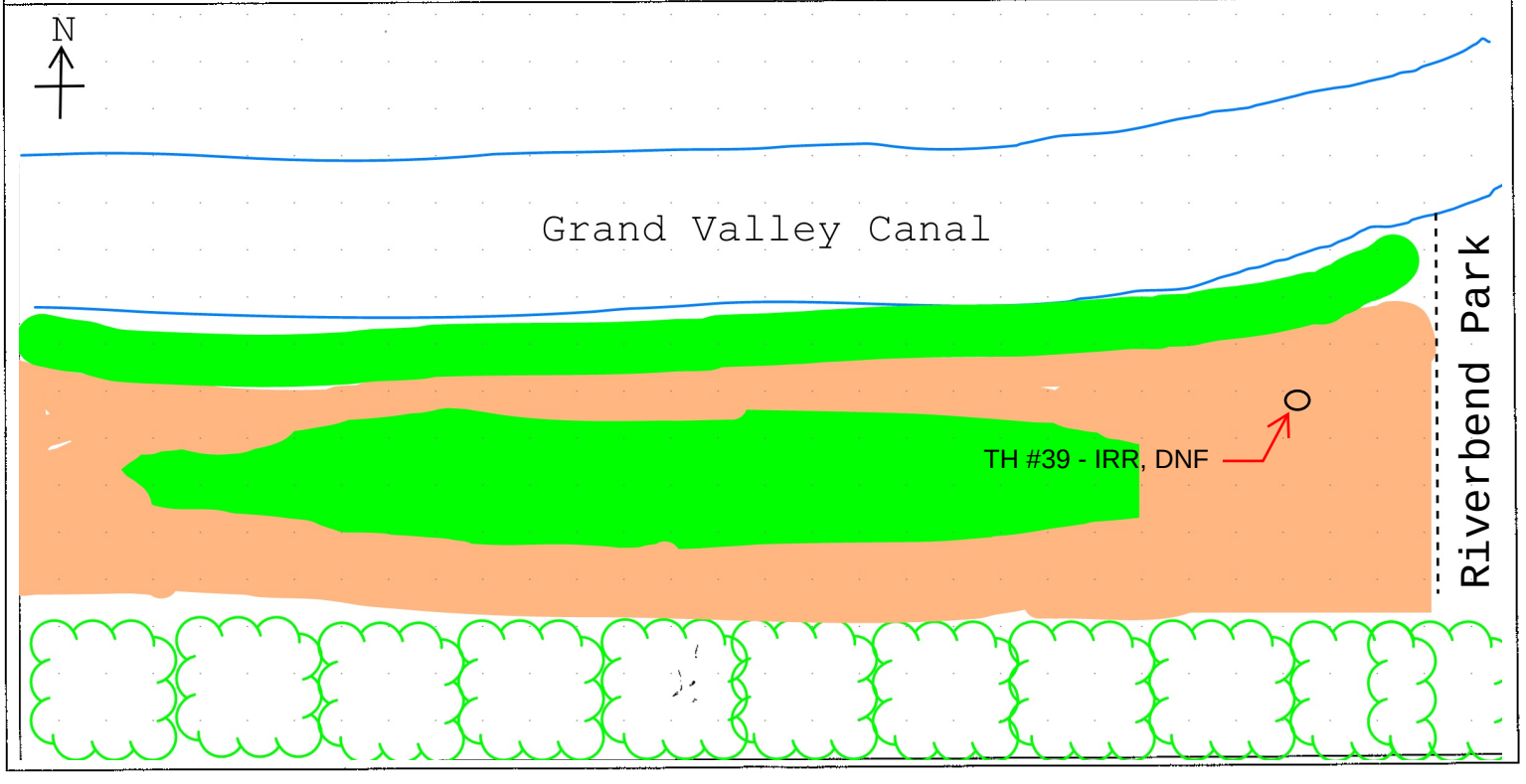
NOTES:

* DNF, IRRIGATION TIES DIRECTLY INTO STORM @ CROSSING

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 40

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 PHASE/TASK: QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP (RCP) PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 36" **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU24 PROPOSED:

FORM BY: COLTAN K. FORM CHECKED BY:

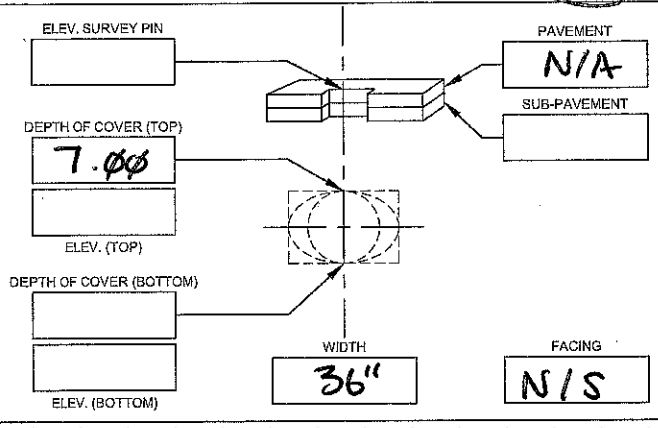
ASSISTED BY: KASEY H.

NUMBER OF HOLES: 1 DATE: 1-31-25 TIME: 1200

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX AT: (CROWN) EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES: UTILITY OWNER

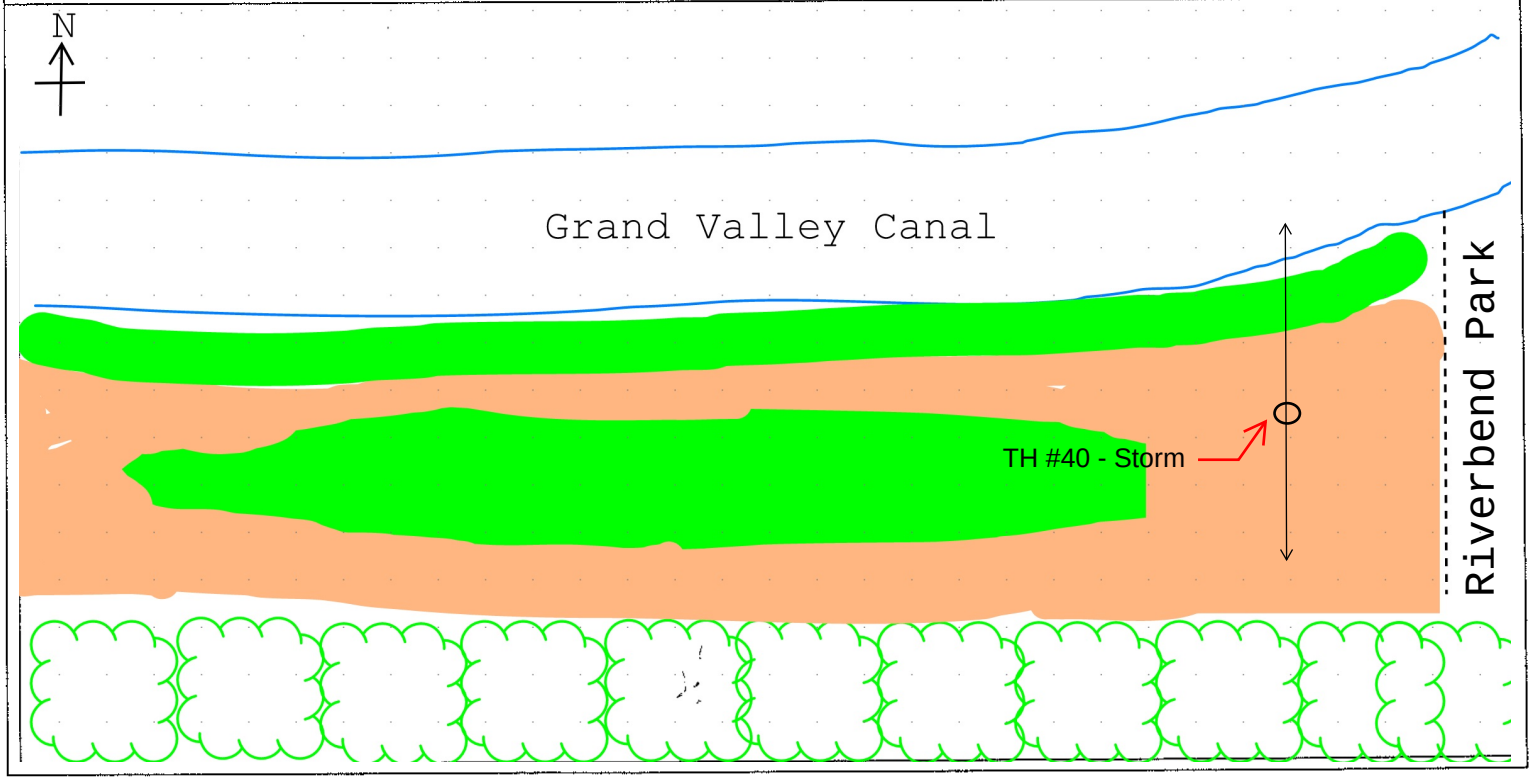
GRAND VALLEY DRAINAGE DISTRICT

(970) 242-4343

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 41

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 PHASE/TASK: QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL (WRAP-STEEL) COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC FUSION BOND GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 8" **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: (HARD) SOFT WET MOIST DRY ROOTS SAND CLAY (ROCK) DIRT SOLID-ROCK

SHEET NO.: SU24 PROPOSED:

FORM CHECKED BY:

FORM BY: COLTAN K. ASSISTED BY: KASEY H.

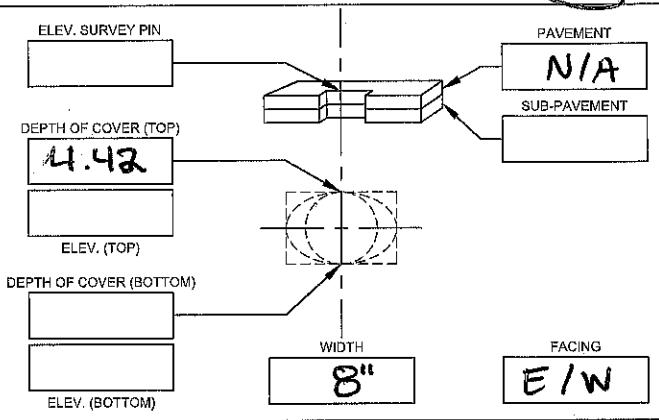
NUMBER OF HOLES: 1 DATE: 1-31-25 TIME: 1400

INSTALLED: PK' (HUB) STEEL PIN CHISX CHIS BOX

AT: (CROWN) EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

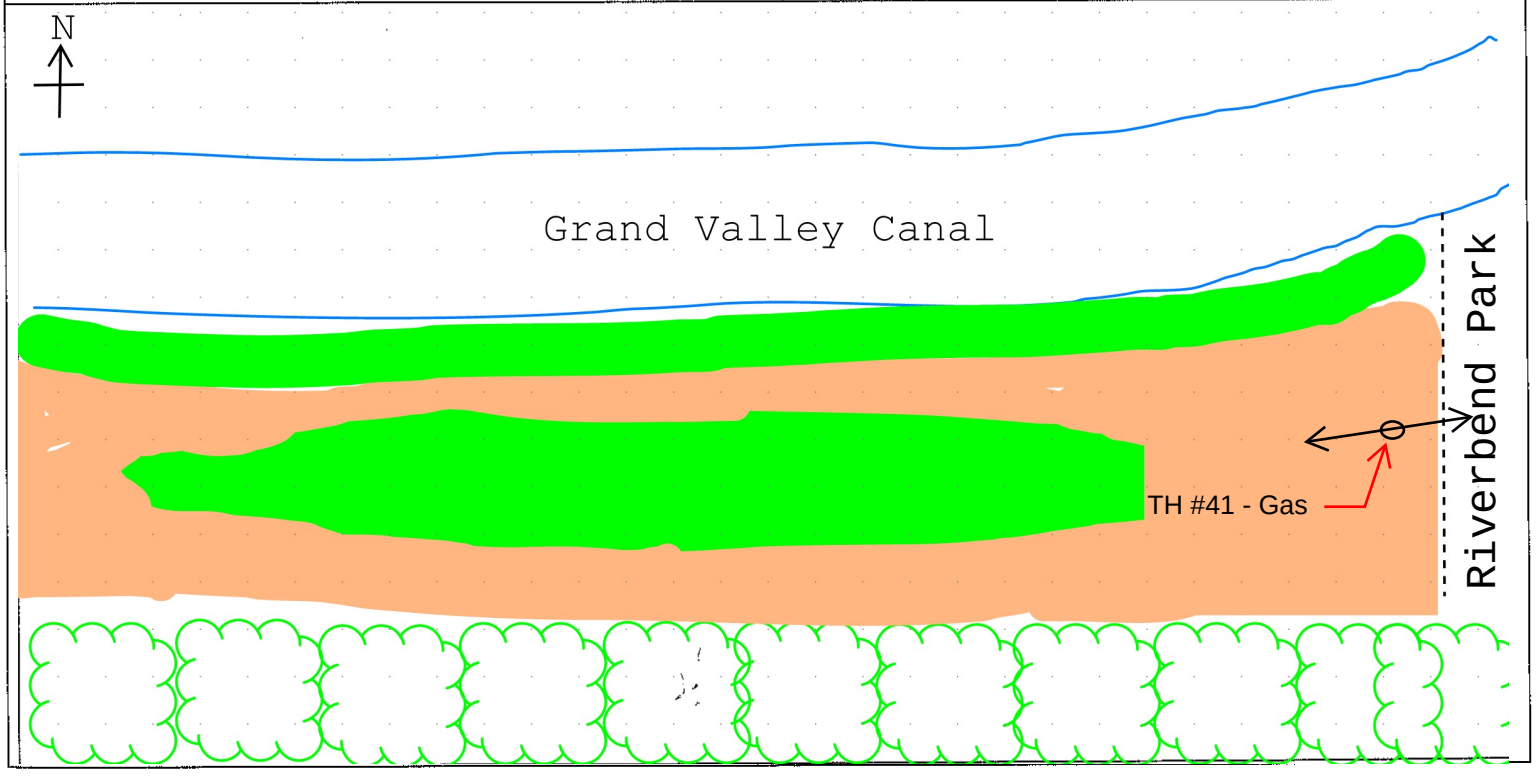


NOTES: UTILITY OWNER
XCEL ENERGY (303)907-8093
* HIGH PRESSURE

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 43

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: GAS FUEL LINE (STORM) SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: GAS FUEL LINE (STORM) SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND
GALV. SMOOTH POUR (ROUGH POUR) D.B. CABLE UNK. OTHER

SIZE AS FOUND: 5' **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE (PINK) N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: (GOOD) FAIR POOR N/A

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU29 PROPOSED:
FORM CHECKED BY:

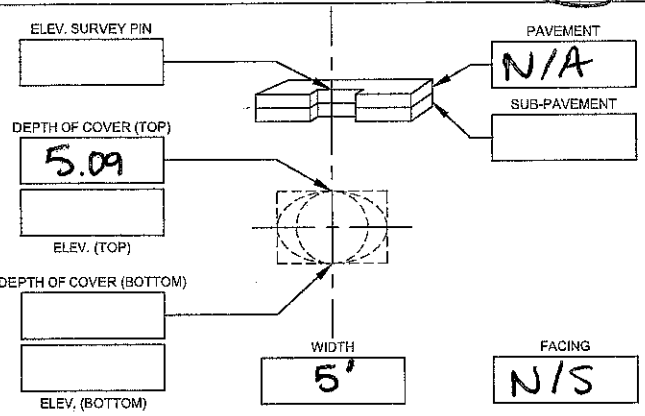
FORM BY: COLTAN K. ASSISTED BY: KASEY H.

NUMBER OF HOLES: 1 DATE: 2-3-25 TIME: 1100

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: (CROWN) EDGE OF UTILITY: N E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



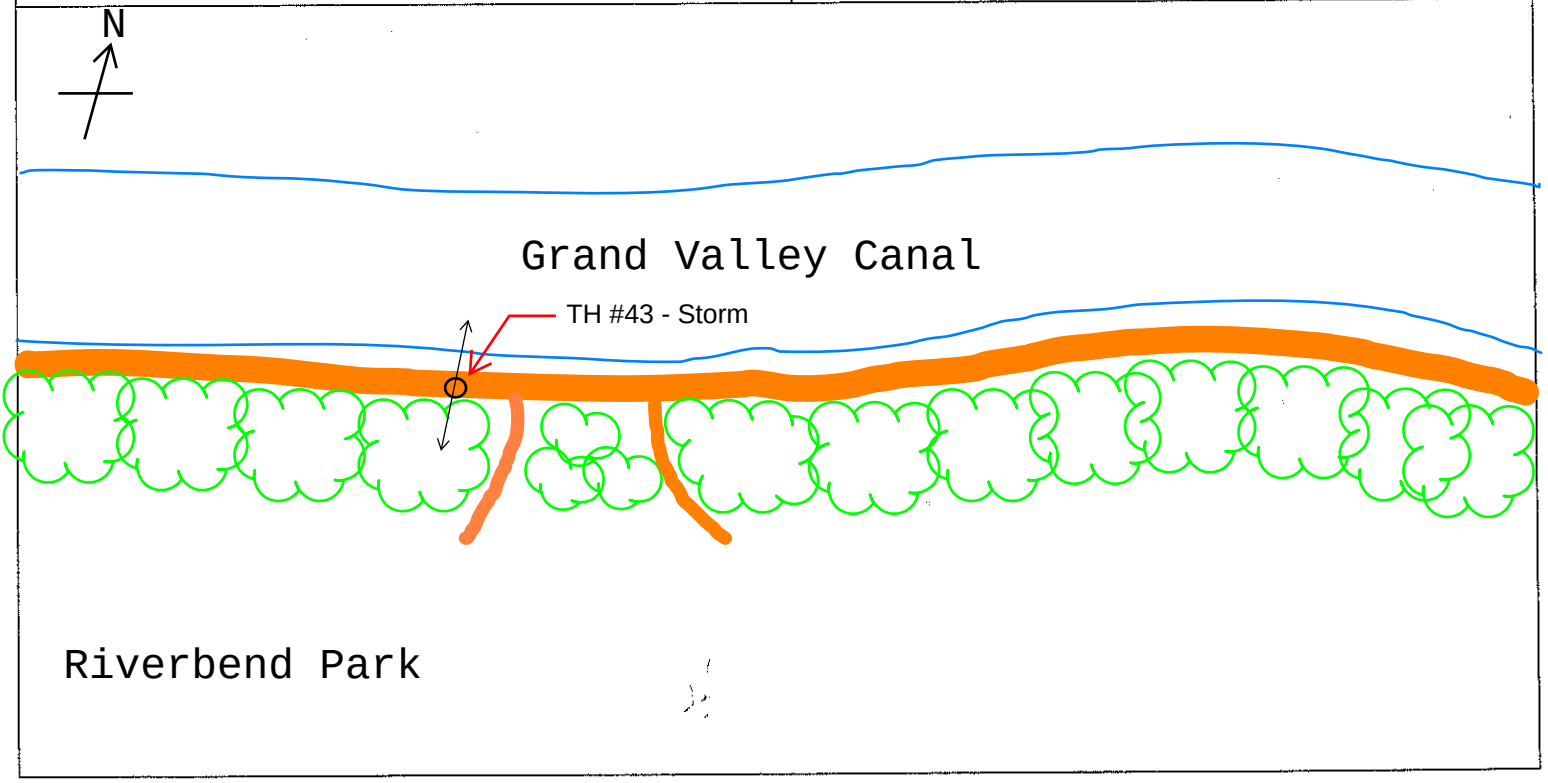
NOTES: UTILITY OWNER

GRAND VALLEY DRAINAGE DISTRICT
(970) 242-4343
OUTLET WAS LOCATED TO THE SOUTH APPROX 200FT, ≈12" PVC ENCASSED IN CONCRETE WHICH WAS FOUND TO BE 5' IN WIDTH.

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



AYRES

VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 44

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 PHASE/TASK: QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC (FUSION BOND) GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 6" **SIZE EXPECTED:** 6"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU 29 PROPOSED:

FORM CHECKED BY:

FORM BY: COLTAN K. ASSISTED BY: KASEY H.

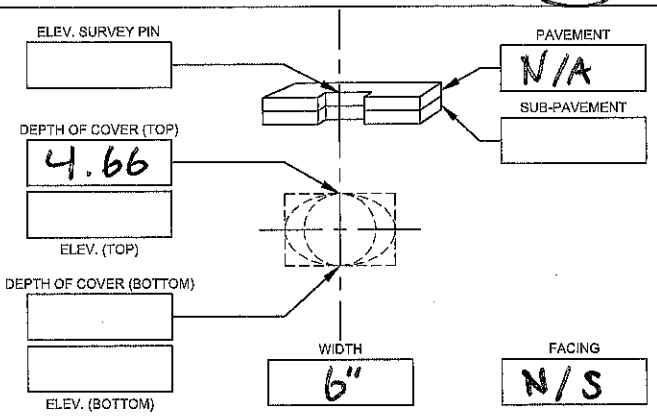
NUMBER OF HOLES: 1 DATE: 1/30/25 TIME: 0930

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX

AT: (CROWN) EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

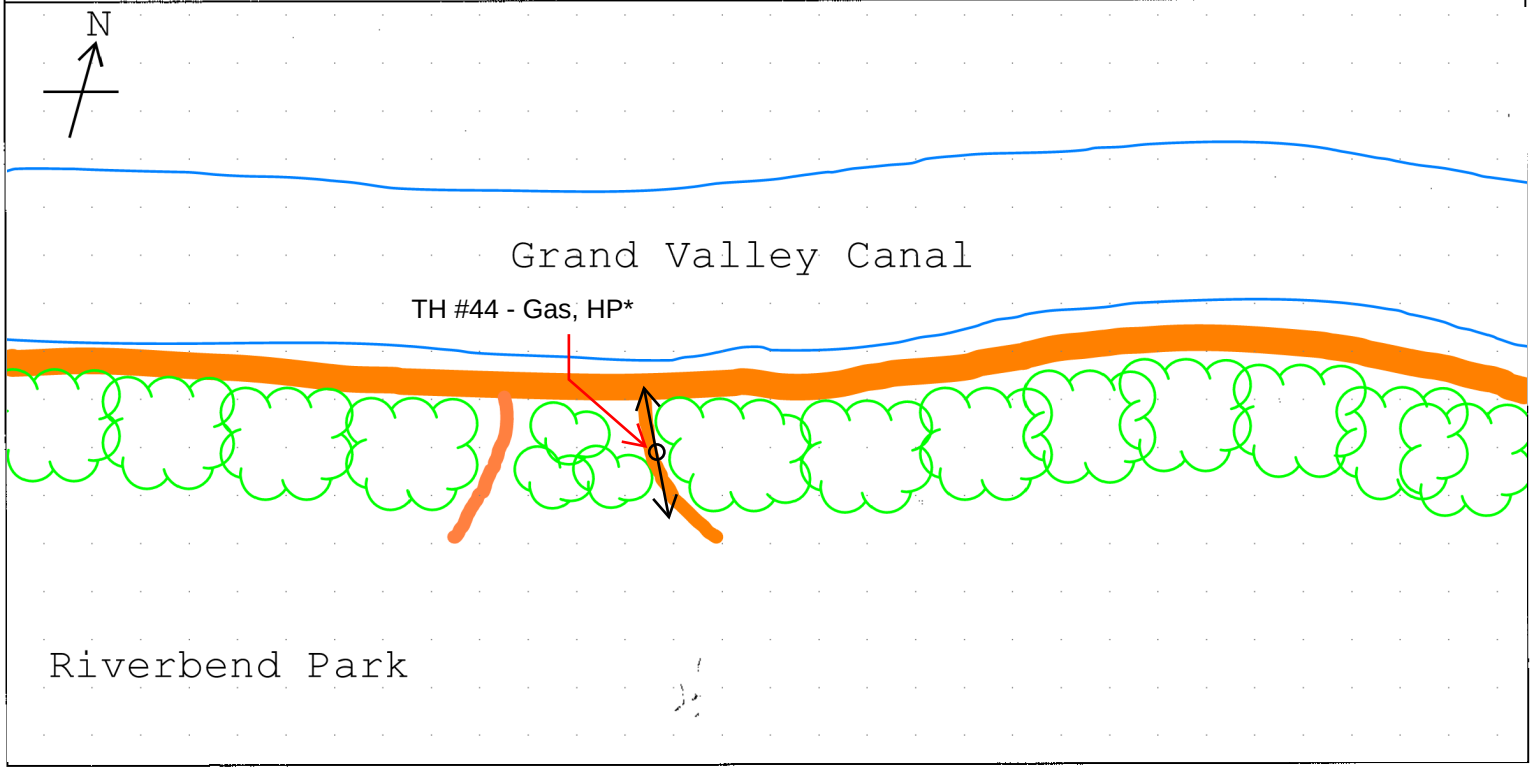


NOTES: UTILITY OWNER - HIGH PRESSURE* XCEL ENERGY (303)907-8093

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE # 45

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER **AGENCY PROJECT NO.** 81-23-829 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.U.B

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK. TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM IRRIGATION D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER TILE PLASTIC TERRA COTTA ACP RCP PVC (FUSION BOND) GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 6" **SIZE EXPECTED:** 6"

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN ORANGE WHITE (PINK) N/A

PAVEMENT TYPE: ASPHALT CONCRETE ASPHALT OVER CONCRETE BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SU29 PROPOSED: FORM CHECKED BY:

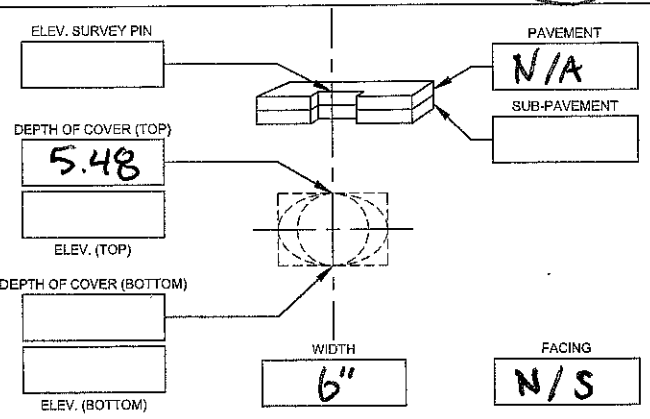
FORM BY: COLTAN K. ASSISTED BY: KASEY H.

NUMBER OF HOLES: 1 DATE: 1/30/25 TIME: 1100

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX AT: (CROWN) EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS



NOTES: UTILITY OWNER

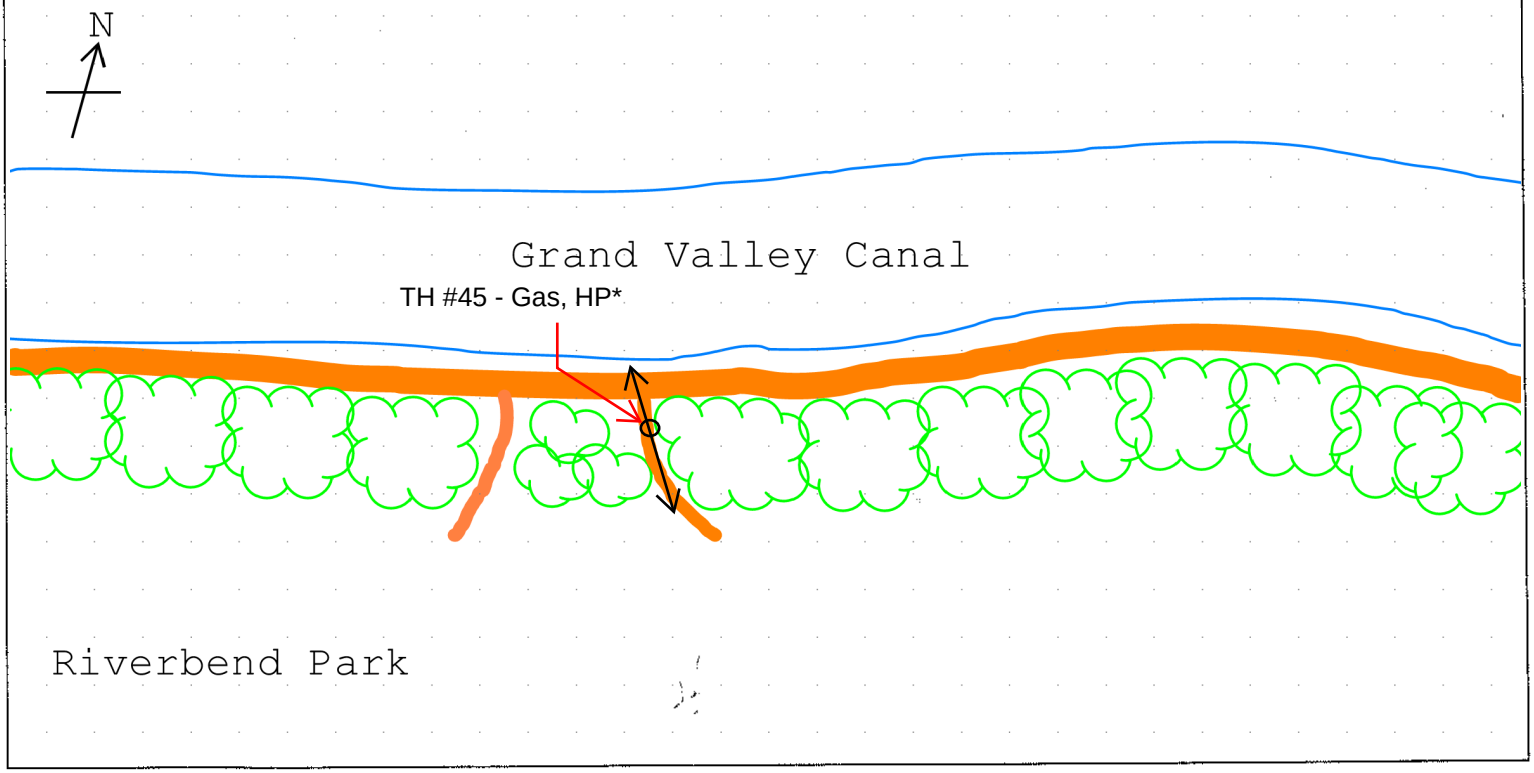
XCEL ENERGY (303) 907-8093

HIGH PRESSURE *

SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



VACUUM TEST HOLE REPORT

AYRES JOB NO.: 36-4717.19

TEST HOLE #: 46

PROJECT NAME: PALISADE - CLIFTON S. TRANSFER

AGENCY PROJECT NO. 81-23-029 **PHASE/TASK:** QLA

LOCATED REQUESTED BY (CLIENT): J.V.B

REQUESTED LOCATE: (GAS) FUEL LINE STORM SAN
FORCEMAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION)

LOCATED UTILITY: (GAS) FUEL LINE STORM SAN
FORCE MAIN CATV WATER TELE FOC ELECTRIC UNK.
TRAFF-SIG. ST-LIGHTS DUCT-SYSTEM (IRRIGATION) D.B. CABLE

MATERIAL AS FOUND: D/I C/I STEEL WRAP-STEEL COPPER
TILE PLASTIC TERRA COTTA ACP RCP (PVC) FUSION BOND
GALV. SMOOTH POUR ROUGH POUR D.B. CABLE UNK. OTHER

SIZE AS FOUND: 6" **SIZE EXPECTED:**

UTILITY CONDITION: (GOOD) FAIR POOR N/A

RIBBON INSTALLED: BLUE YELLOW RED GREEN
ORANGE WHITE (PINK) N/A

PAVEMENT TYPE:
ASPHALT CONCRETE ASPHALT OVER CONCRETE
BRICK (DIRT) GRASS SIDEWALK

PAVEMENT CONDITION: GOOD FAIR POOR (N/A)

SOIL CONDITIONS: HARD (SOFT) WET MOIST DRY ROOTS
SAND CLAY ROCK DIRT SOLID-ROCK

SHEET NO.: SV 32 PROPOSED:
FORM CHECKED BY:

FORM BY: COLTAN K. ASSISTED BY: KASEY H.

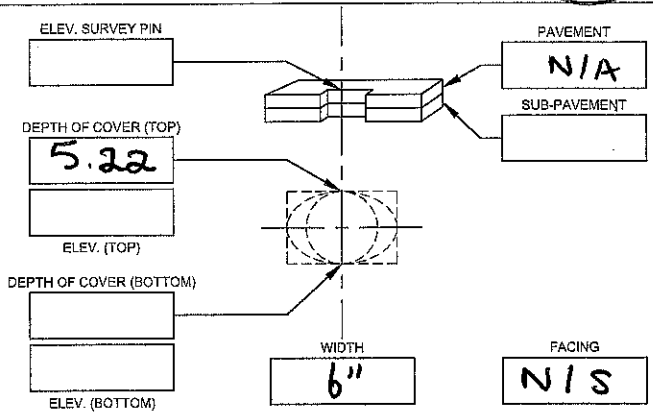
NUMBER OF HOLES: 1 DATE: 1-29-25 TIME: 1300

INSTALLED: PK (HUB) STEEL PIN CHISX CHIS BOX
AT: (CROWN) EDGE OF UTILITY: (N) E W S

SURVEY PIN LOCATED BY:

JOB MEASUREMENT TYPE: TENTHS

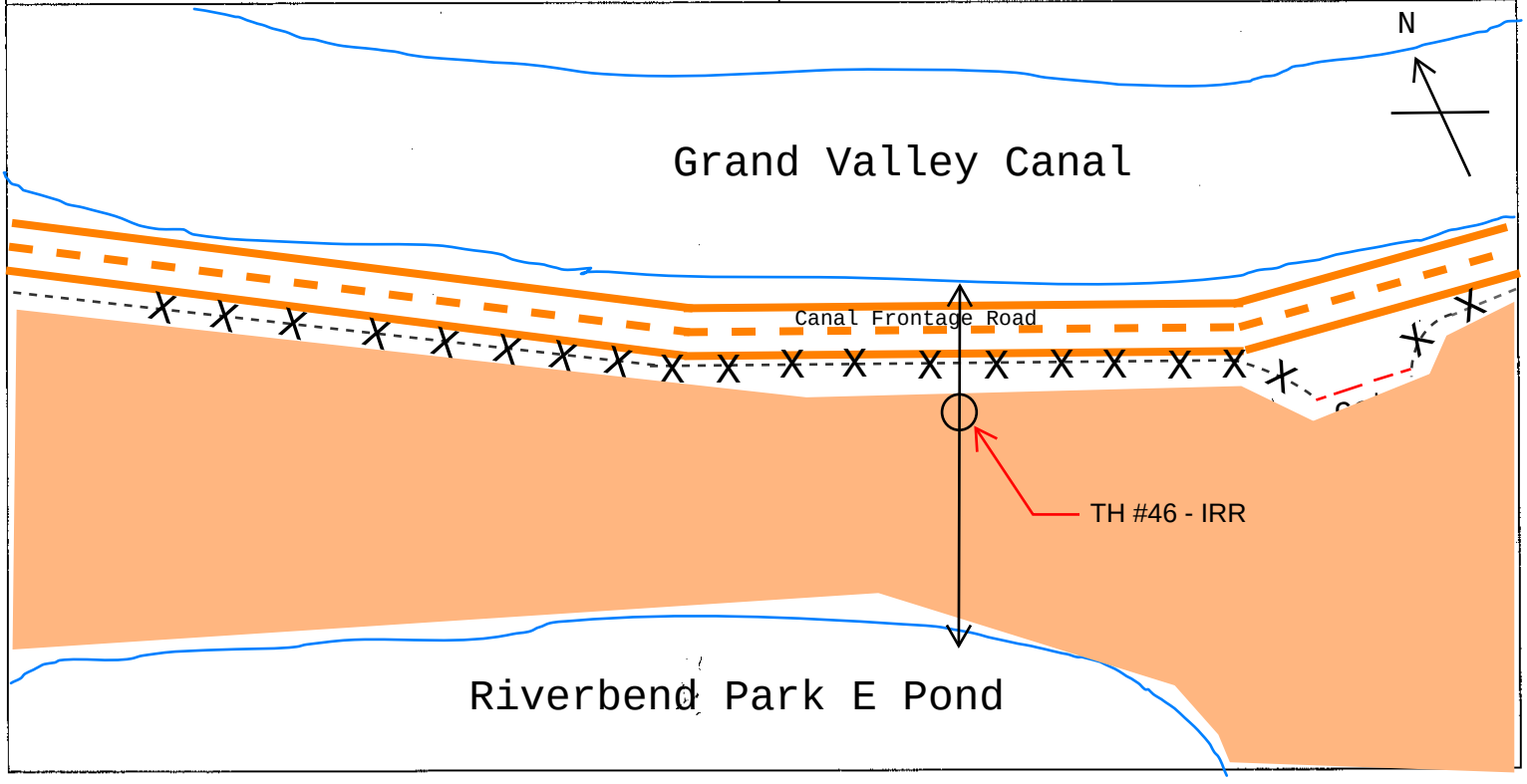
NOTES: UTILITY OWNER
PALISADE IRRIGATION DISTRICT (970) 640-9481



SURVEY INFORMATION:

GIVEN ELEVATION:

STATION: OFFSET: LT / RT



Appendix B

Quality Level D, Utility Records

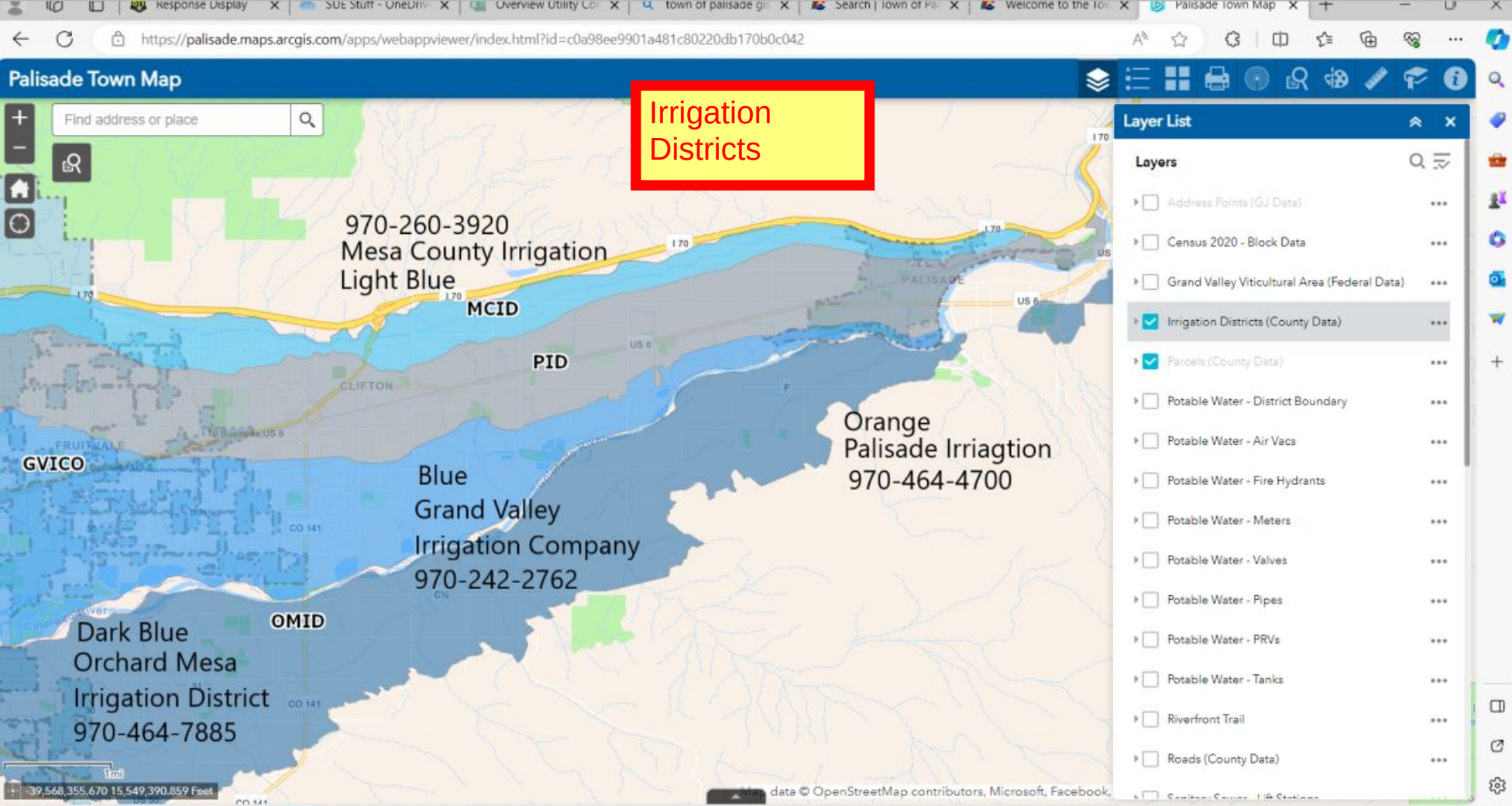
AYRES
Ingenuity, Integrity, and Intelligence.

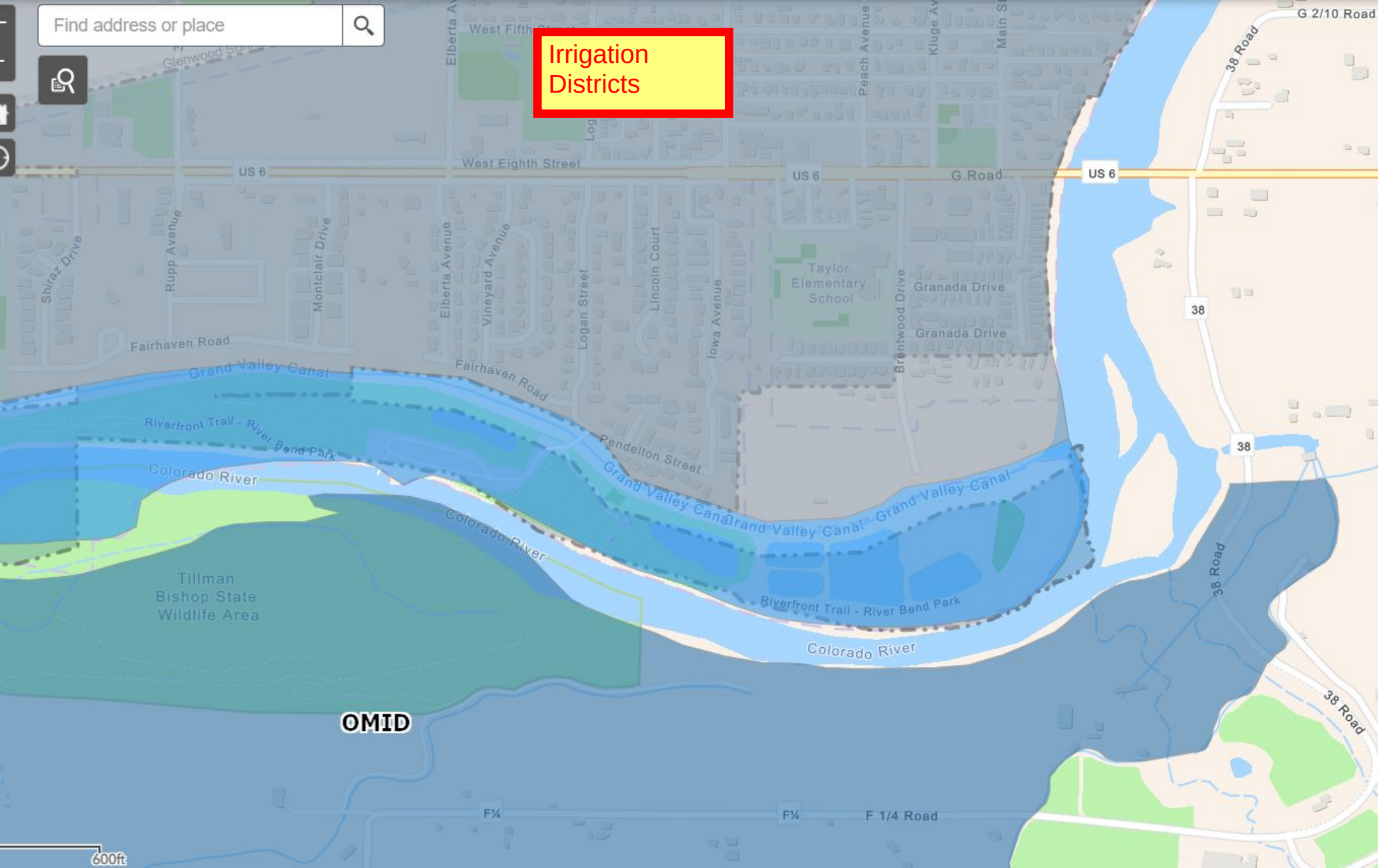
Palisade Sewer Transfer Project QLD - Utilities and Contact

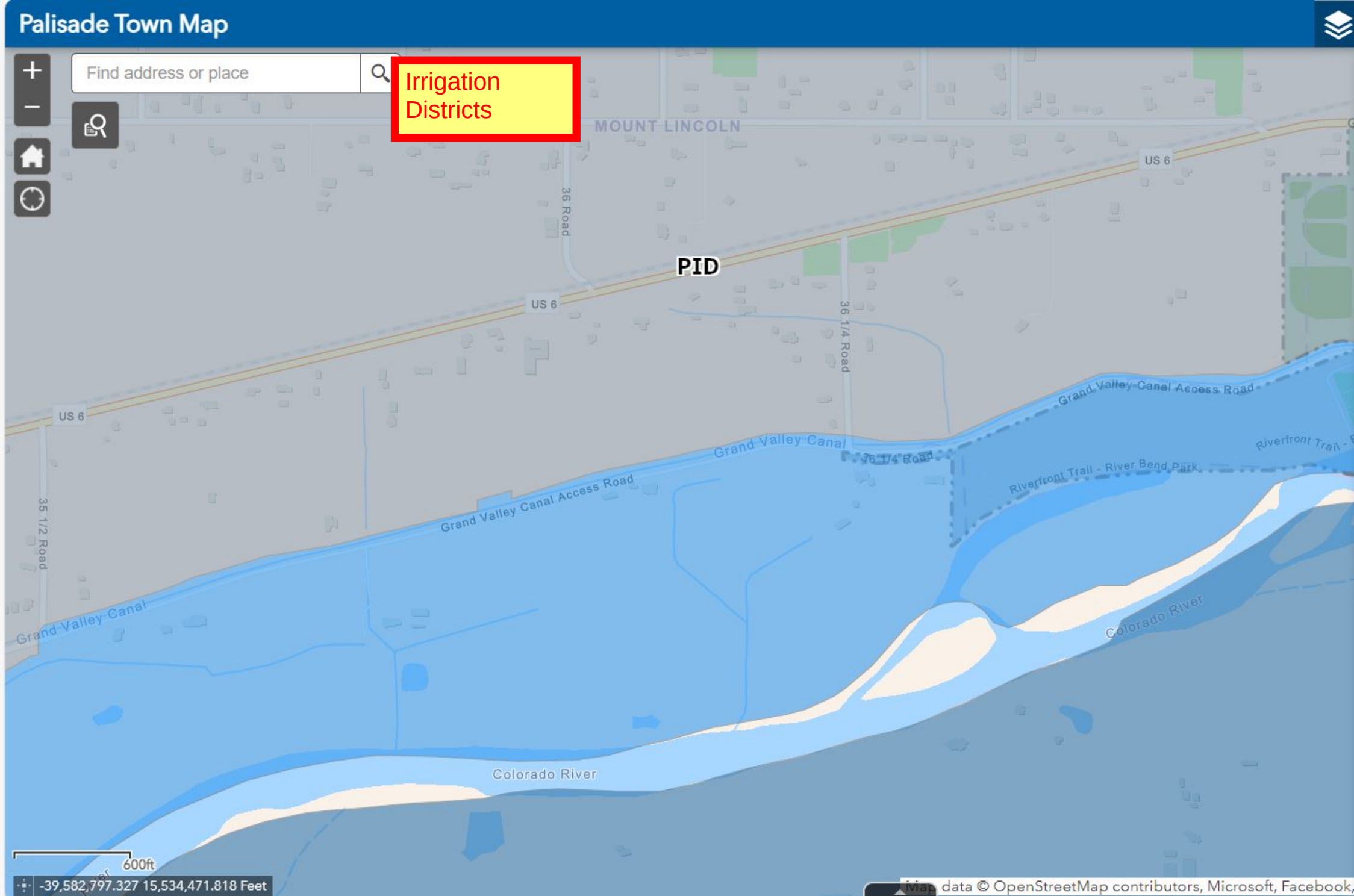
UTILITY CONTACT INFORMATION

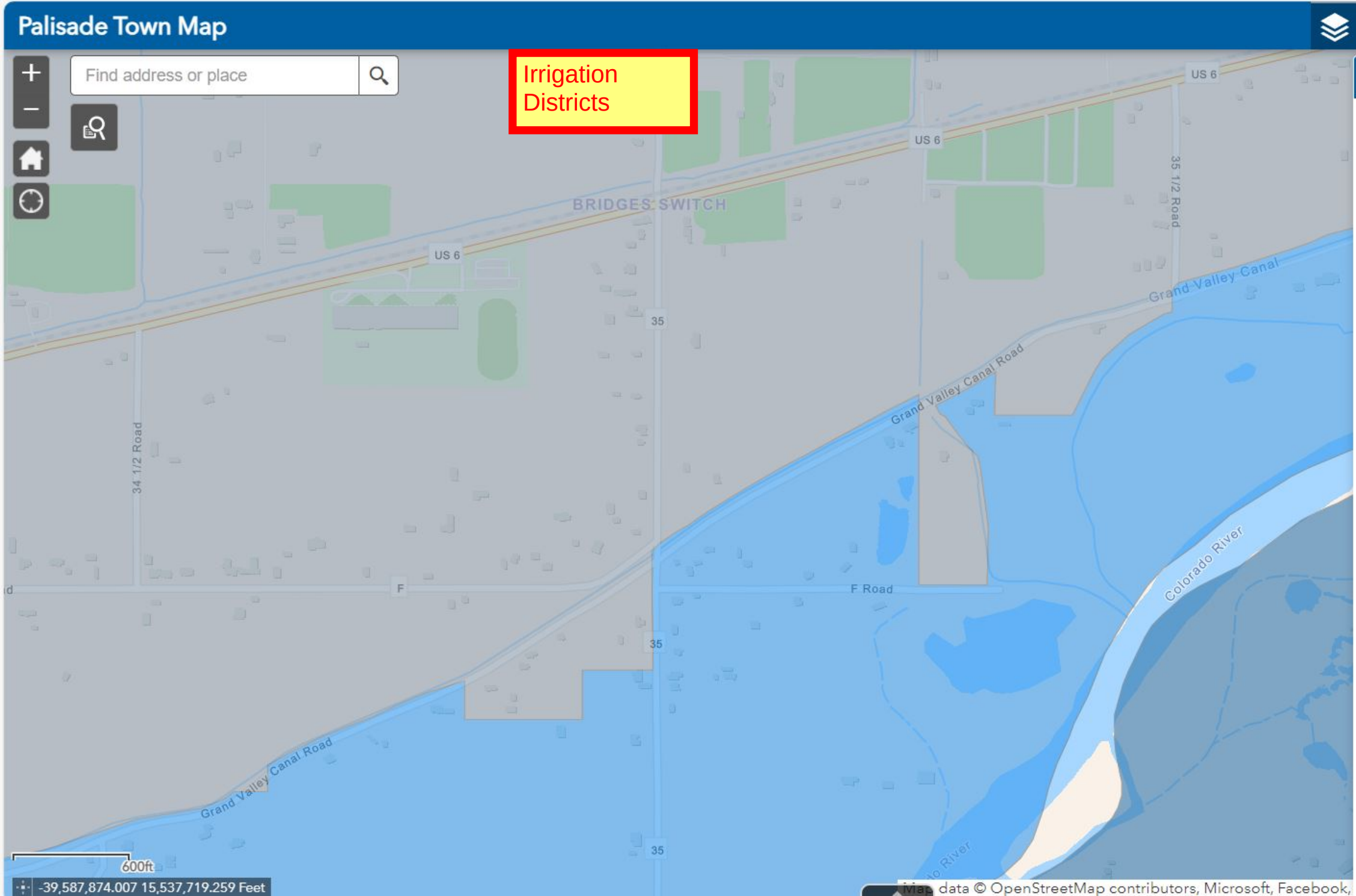
UTILITY OWNER	UTILITY TYPE	NAME/ PHONE / EMAIL
Palisade Irrigation District	Irrigation	Dan Crabtree 970-640-9481 dan.crabtree.pe@gmail.com
Unite Private Networks	Fiber	Sam Vohsen 816-814-9768 upngis@upnfiber.com
Xcel Energy	Gas and Electric	Builders Call Line 800-628-2121 builders.call.line@xcelenergy.com
Xcel Energy	High Pressure Gas	Paul Heald 303-907-8093 paul.r.heald@xcelenergy.com
UTE Water Conservancy District	Water	Jeremy Lyon 970-256-2869 jlyon@utewater.org
Clifton Water District	Water	Jake L. 970-434-7328
Clifton Sanitation District	Wastewater	Tyler Brumback 970.434.7422 tbrumback@cliftonsanitation.com
Century Link/Lumen	Fiber and Telephone	Engineering 303-260-4929 Chris.Johnson5@lumen.com
Town Of Palisade	Water and Sewer	Fred Miller 970-261-2385
Grand Valley Irrigation District	Irrigation and Drainage	970-242-2762
Spectrum (not Comcast)	Cable TV	

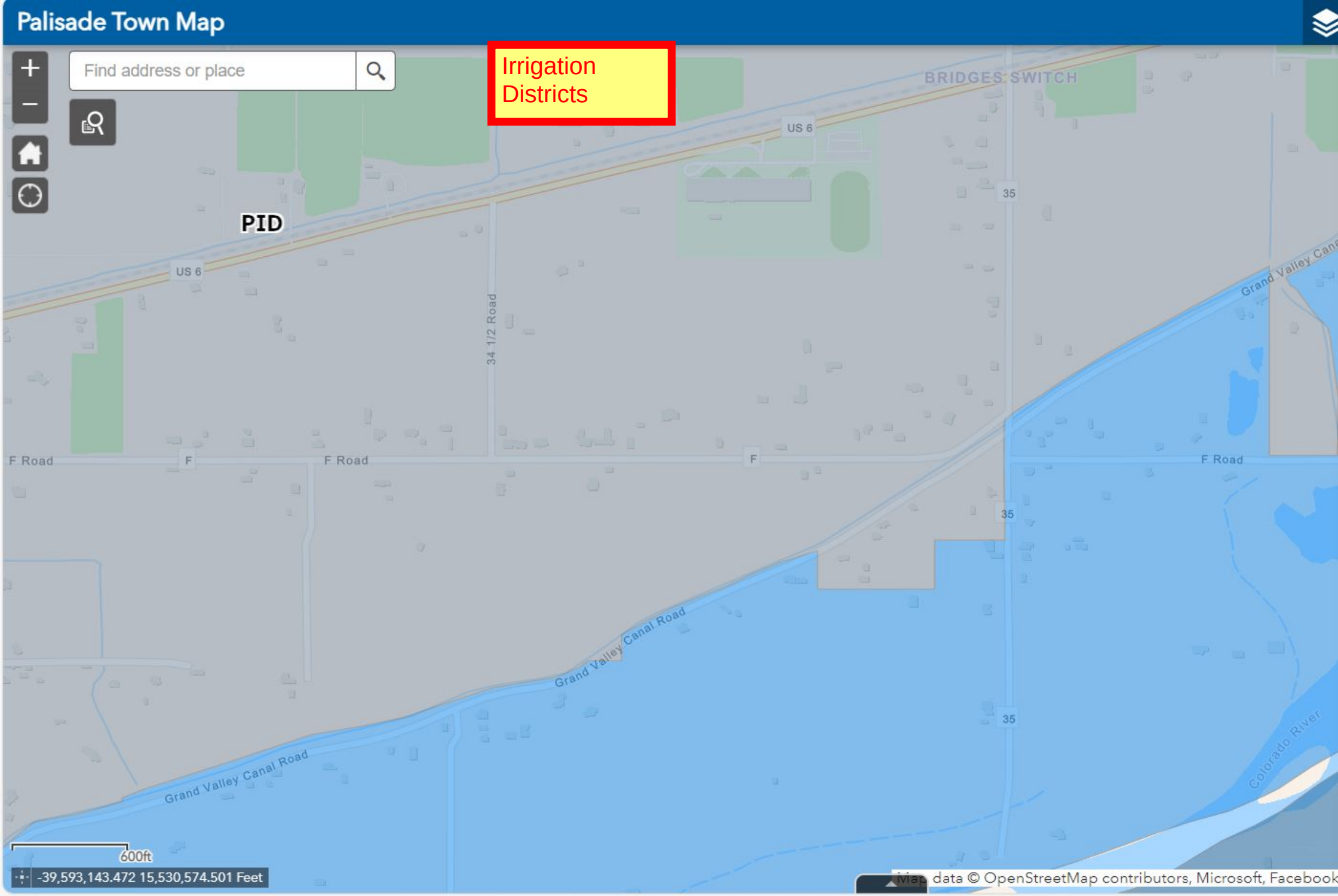
QLD Records on Following Pages

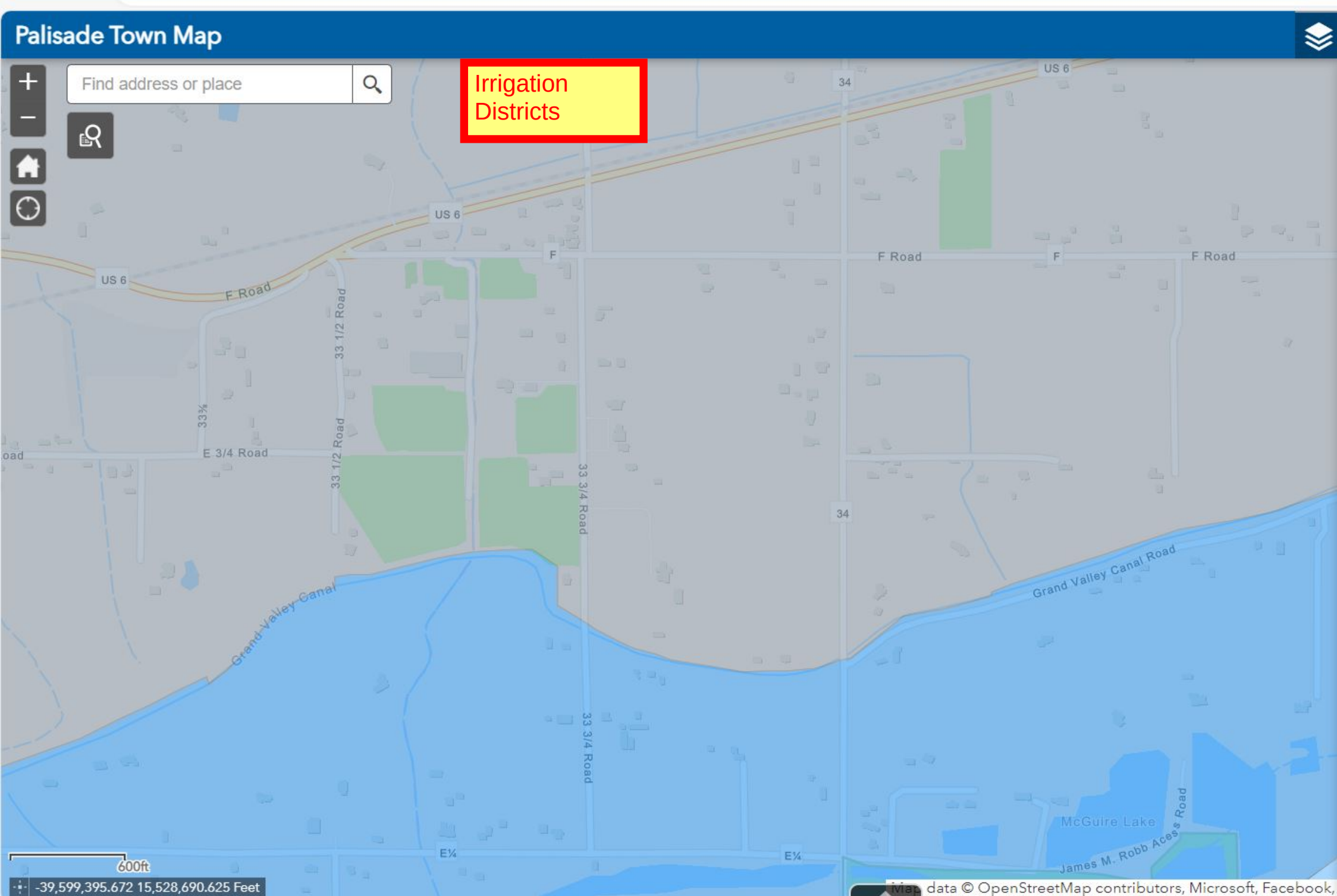

Palisade Town Map
https://palisade.maps.arcgis.com/apps/webappviewer/index.html?id=c0a98ee9901a481c80220db170b0c042
Irrigation Districts
Find address or place
970-260-3920
Mesa County Irrigation
Light Blue
MCID
PID
GVICO
Blue
Grand Valley
Irrigation Company
970-242-2762
Orange
Palisade Irriagtion
970-464-4700
OMID
Dark Blue
Orchard Mesa
Irrigation District
970-464-7885
Layer List
Layers
Address Points (GJ Data)
Census 2020 - Block Data
Grand Valley Viticultural Area (Federal Data)
Irrigation Districts (County Data)
Parcels (County Data)
Potable Water - District Boundary
Potable Water - Air Vacs
Potable Water - Fire Hydrants
Potable Water - Meters
Potable Water - Valves
Potable Water - Pipes
Potable Water - PRVs
Potable Water - Tanks
Riverfront Trail
Roads (County Data)
-39,568,355.670 15,549,390.859 Feet
Map data © OpenStreetMap contributors, Microsoft, Facebook,
10:39 PM

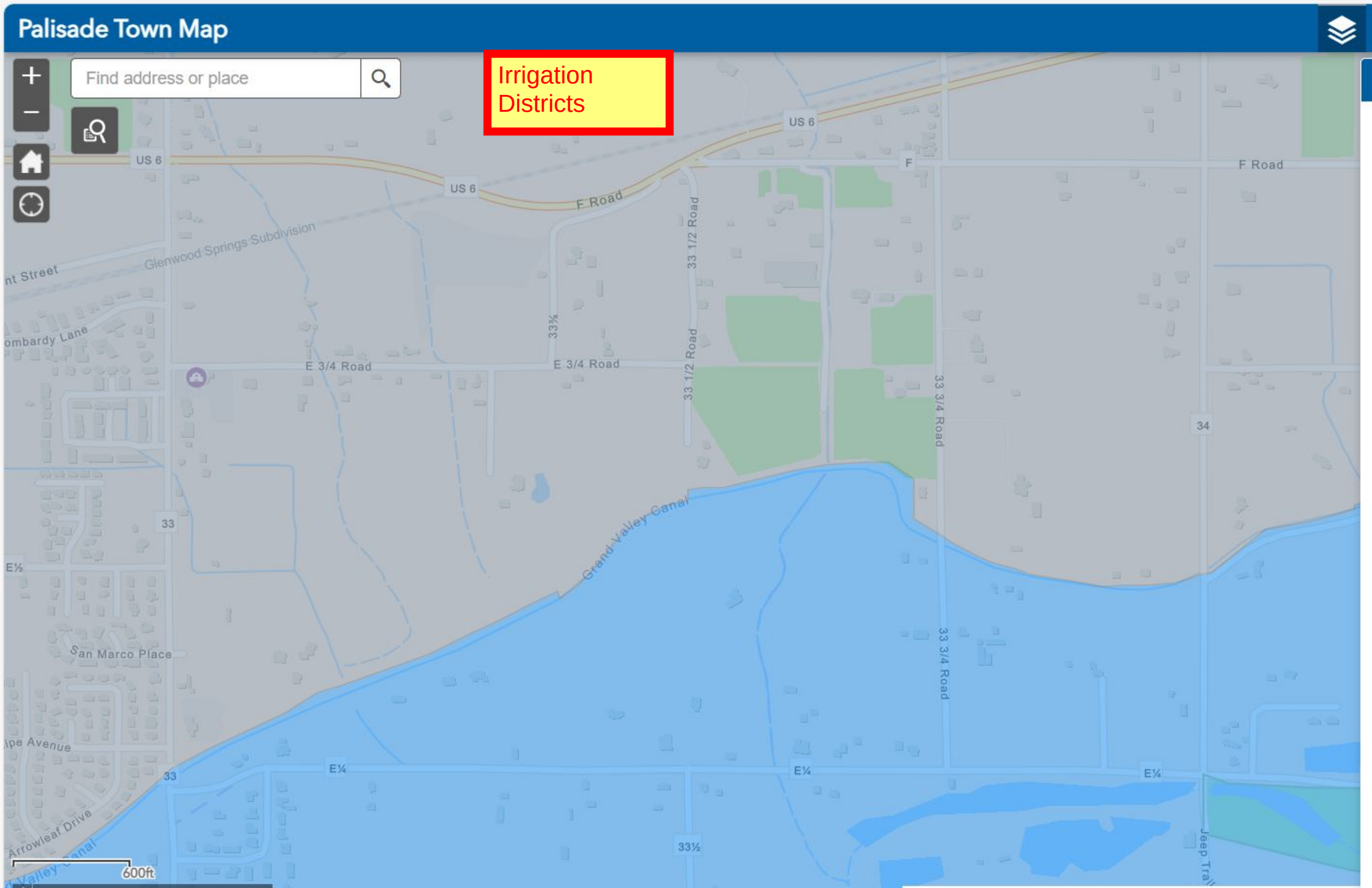

Find address or place
Irrigation Districts
West Eighth Street
US 6
G Road
G 2/10 Road
38 Road
38
Fairhaven Road
Grand Valley Canal
Riverfront Trail - River Bend Park
Colorado River
Pendelton Street
Taylor Elementary School
Granada Drive
Tillman Bishop State Wildlife Area
OMID
F 1/4 Road
Shiraz Drive
Rupp Avenue
Monticlair Drive
Elberta Avenue
Vineyard Avenue
Logan Street
Lincoln Court
Iowa Avenue
Brentwood Drive
Peach Avenue
Kluge Ave
Main St
600ft


Palisade Town Map
Find address or place
Irrigation Districts
PID
MOUNT LINCOLN
US 6
US 6
US 6
36 Road
36 1/4 Road
35 1/2 Road
Grand Valley Canal Access Road
Grand Valley Canal
Grand Valley Canal
Grand Valley Canal Access Road
Riverfront Trail - River Bend Park
Riverfront Trail
Colorado River
Colorado River
600ft
-39,582,797.327 15,534,471.818 Feet
Map data © OpenStreetMap contributors, Microsoft, Facebook,


Palisade Town Map
Find address or place
Irrigation Districts
US 6
BRIDGES SWITCH
35 1/2 Road
Grand Valley Canal
Grand Valley Canal Road
34 1/2 Road
F
F Road
35
Colorado River
600ft
-39,587,874.007 15,537,719.259 Feet
Map data © OpenStreetMap contributors, Microsoft, Facebook,


Palisade Town Map
Find address or place
Irrigation Districts
PID
BRIDGES SWITCH
US 6
US 6
35
34 1/2 Road
F Road
F
F Road
F
F Road
35
35
Grand Valley Canal Road
Grand Valley Canal Road
Grand Valley Cana
Colorado River
600ft
-39,593,143.472 15,530,574.501 Feet
Map data © OpenStreetMap contributors, Microsoft, Facebook


Palisade Town Map
Find address or place
Irrigation Districts
US 6
34
F
F Road
33 1/2 Road
33¾
E 3/4 Road
33 3/4 Road
Grand Valley Canal
Grand Valley Canal Road
McGuire Lake
James M. Robb Aces Road
E¼
600ft
-39,599,395.672 15,528,690.625 Feet
Map data © OpenStreetMap contributors, Microsoft, Facebook,


Palisade Town Map
Find address or place
Irrigation Districts
US 6
F Road
33 1/2 Road
Glenwood Springs Subdivision
E 3/4 Road
33¾
33 3/4 Road
34
33
Grand Valley Canal
San Marco Place
E½
E¼
33½
600ft

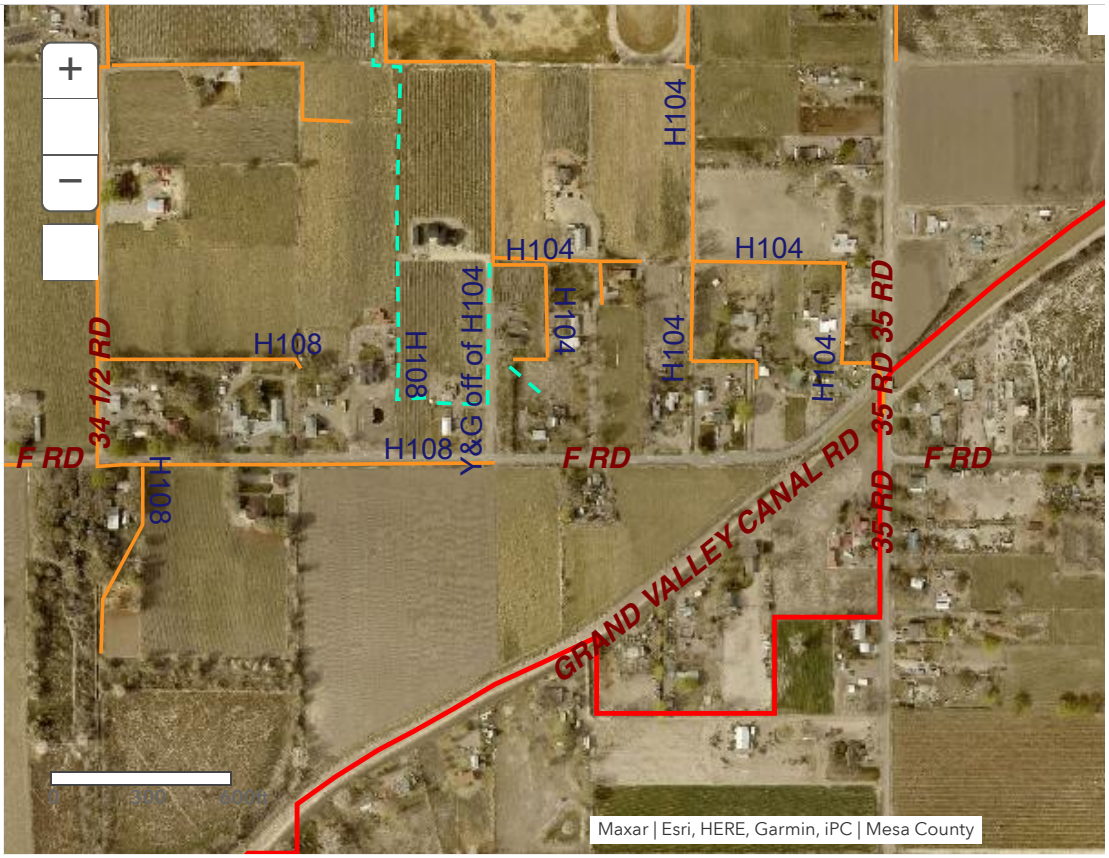
Home PID Drain Open in Map Viewer New Map Dan

Edit | Analysis | Find address or place

Contents

- Structures LateralsGV
- PID Delivery Main
- DrainWaypoints
- PID Maint Other 2020
- PID Boundary
- Airphoto 2022
- City County 2020
- Imagery with Labels

Trust Center . Contact Esri . Report Abuse .



PID Drain 35 Palisade Irrigation facilities are orange. Known Private are dashed green.

Home PID Drain Open in Map Viewer New Map Dan

Edit | Analysis | Find address or place

Contents

- Structures LateralsGV
- PID Delivery Main
- DrainWaypoints
- PID Maint Other 2020
- PID Boundary
- Airphoto 2022
- City County 2020
- Imagery with Labels

. Trust Center . Contact Esri . Report Abuse .

PID Drain 34.5 Palisade Irrigation facilities are orange. Known Private are dashed green.

Home PID Drain Open in Map Viewer New Map Dan

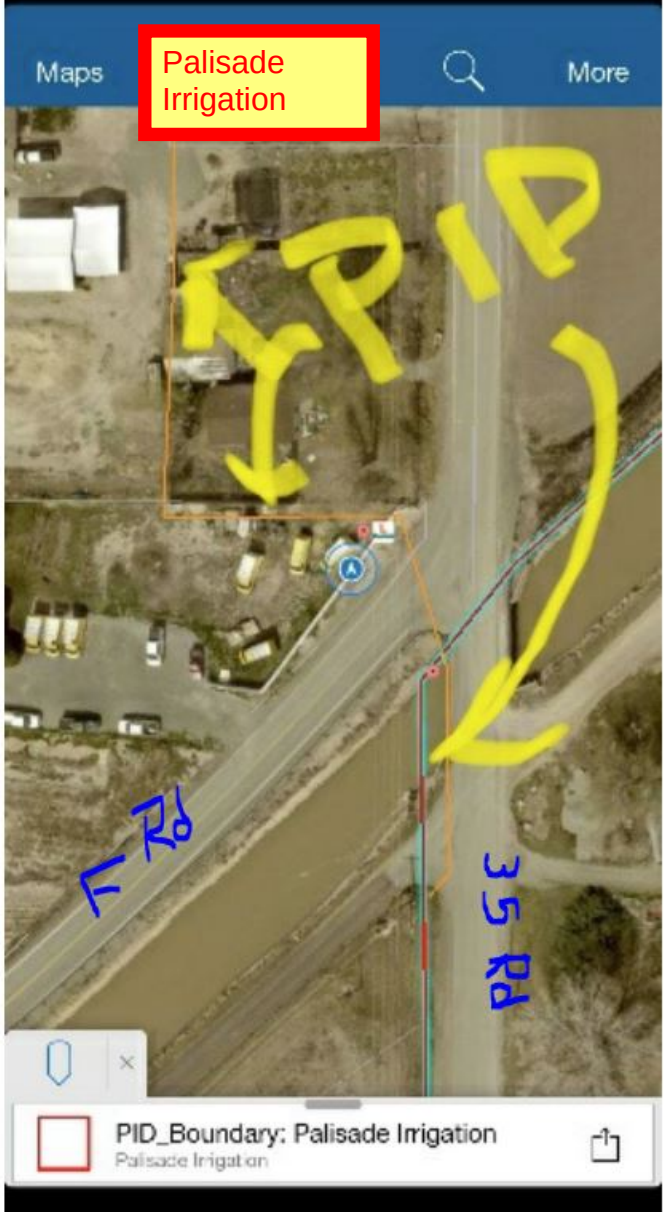
Edit | Analysis | Find address or place

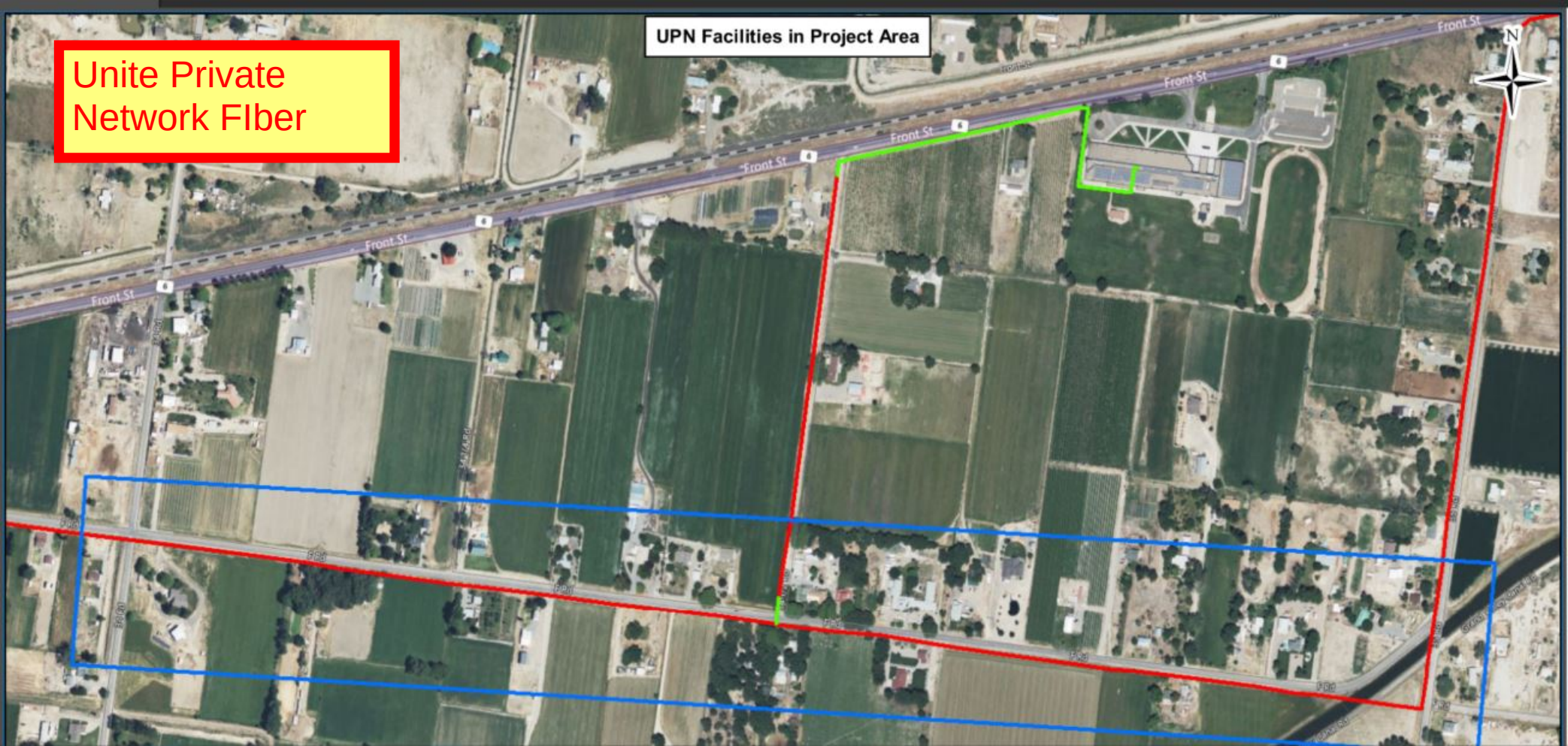
Contents

- Structures LateralsGV
- PID Delivery Main
- DrainWaypoints
- PID Maint Other 2020
- PID Boundary
- Airphoto 2022
- City County 2020
- Imagery with Labels

. Trust Center . Contact Esri . Report Abuse .

PID Drain 34
Palisade Irrigation facilities are orange.
Known Private are dashed green.


Maps
Palisade Irrigation
More
PID
PID
35 Rd
PID_Boundary: Palisade Irrigation
Palisade Irrigation


Unite Private Network FIber
UPN Facilities in Project Area
Front St
N

Xcel Electric
33.75 Rd and East
E 3/4 RD
33 3/4 RD
3316
3314
3318
3320
3324
3305
3315
3319
3321
3325
3327
3331
3335
3333
3337
3342
3352
3351
573
571
545
543
544
542
536
538
567
3348 1/2
3332
3334
3344
3346
3350
3348
3362
3360
3312
25A 50B 72 77
50A 69 73
25A 69 65
25A 68 59
10A 70 54
25A 70 48
10K 362
10K 4926
25A 62 48
50A 60 59
25C 73 28
15A 67 27
25A 55 29
10K 4535
10K 1928
50A 957 325
15K 7720
50A 200 970
25B 478 709
37.5C 43 27
50A 569 338
50C 067 362
50C 041 111
50B 33 75
50B 239 224
25B 31 41
234802 N.O.
234 802
L1
L2
L3
L4
L3 B1
Xcel Energy

1167470
08/30/2023

Xcel Electric
34 Rd 2

15A
91
09

65K
35

25A
91
87

CLIF1662W

BCA

6 CU

A

NW 7 2E

60

3393

3399

3401

89
12

4 AS B

34 RD

15A
84
05

595

6 CUWD B

585

582

25C
77
90

581

579

2 AS B

25C
72
90

577

576

10C
68
90

574

572

572

574 1/4

Xcel Energy®

Scale: 1" equals 50'

1167470
08/30/2023

Xcel Electric
34 Rd

3401
612
612
609
3404
3393
3399
3401
3405
595
585
582

25A
16
92

15A
13
92

65K
35

15A
91
09

25A
91
87

89
12

15A
84
05

25C
77
90

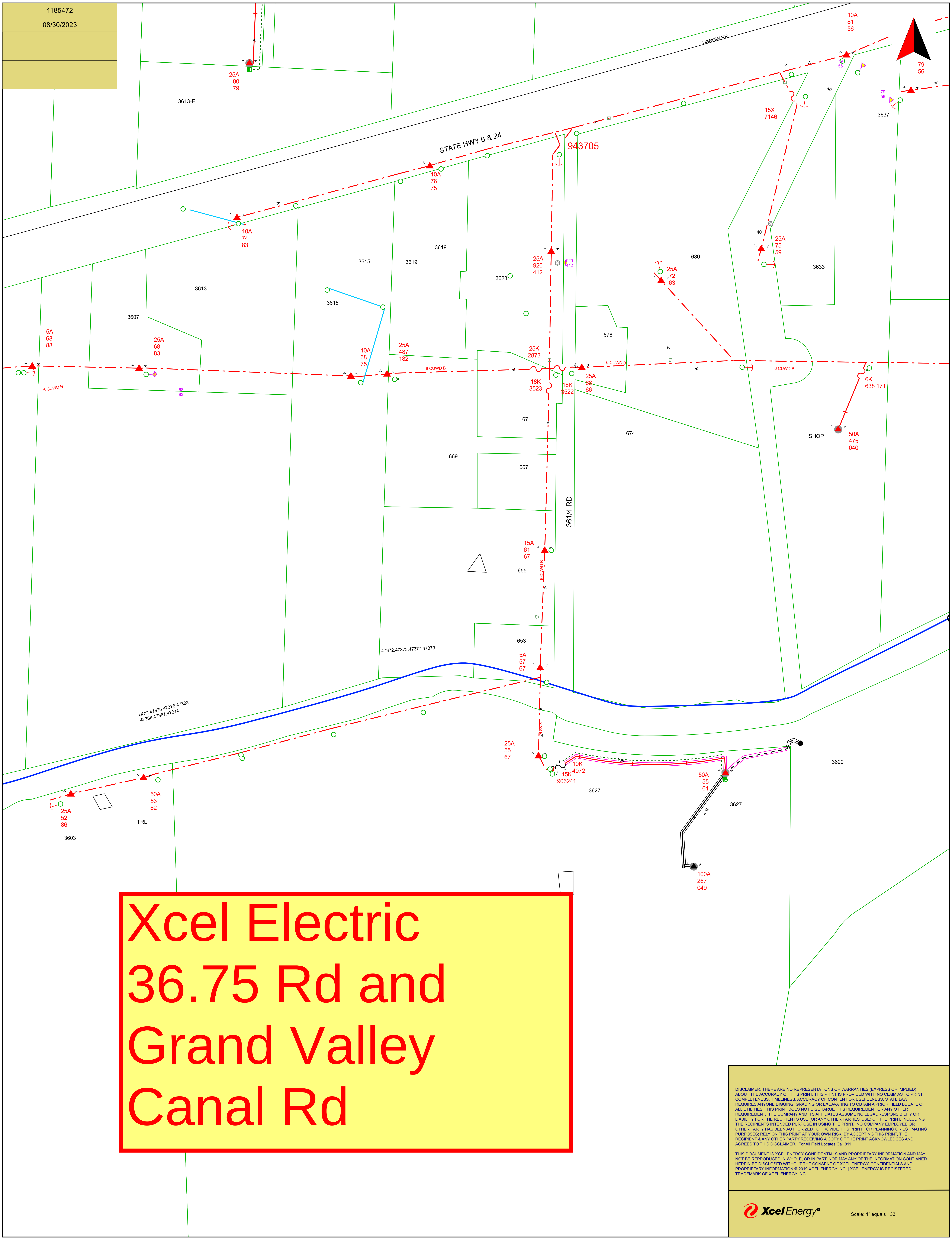
6 CU B
4 AS B
BCA
CLIF1662W
6 CUWD B
34 RD
60
NW 7 2E

Xcel Energy®

Scale: 1" equals 50'

1185472

08/30/2023

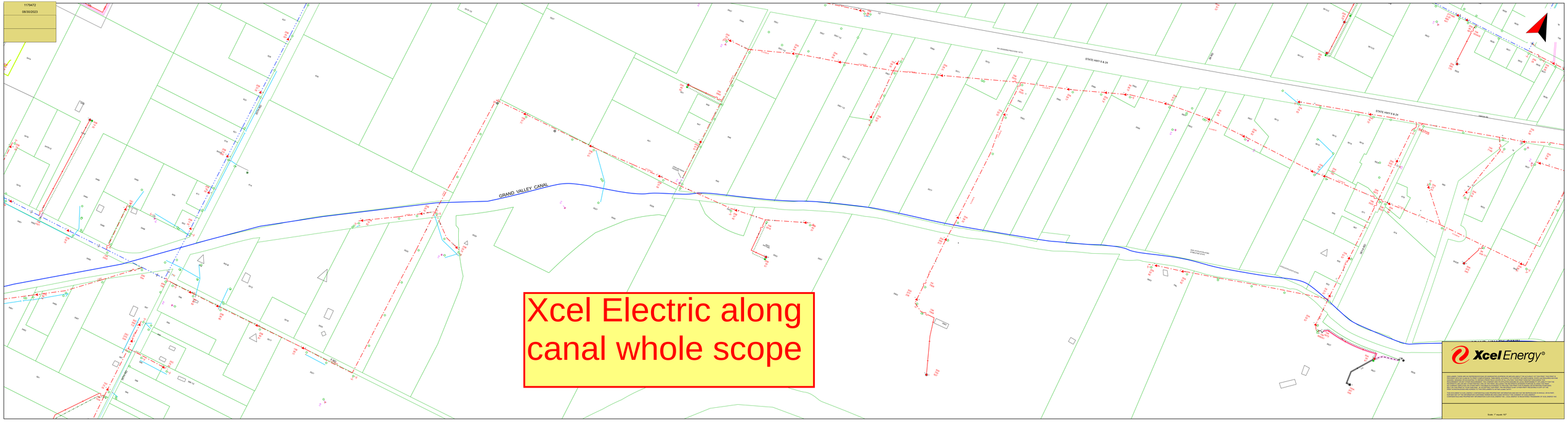

STATE HWY 6 & 24
D&RGW RR
361/4 RD
943705
3613-E
3613
3607
3615
3619
3623
671
669
667
655
653
674
678
680
3633
3637
SHOP
3603
TRL
3627
3629
6 CUWD B
2 AL
40'
47372,47373,47377,47379
DOC 47375,47376,47383
47366,47367,47374
25A 80 79
10A 76 75
10A 74 83
10A 81 56
79 56
15X 7146
25A 75 59
25A 920 412
25A 72 63
5A 68 88
25A 68 83
10A 68 75
25A 487 182
25K 2873
18K 3523
18K 3522
25A 68 66
6K 638 171
50A 475 040
15A 61 67
5A 57 67
25A 55 67
10K 4072
15K 906241
50A 55 61
100A 267 049
50A 53 82
25A 52 86

Xcel Electric
36.75 Rd and
Grand Valley
Canal Rd

Xcel Energy®

Scale: 1" equals 133'


1165472
08/30/2023
GRAND VALLEY CANAL
Xcel Electric along canal whole scope 1
Xcel Energy


1179472
08/30/2023
GRAND VALLEY CANAL
STATE HWY 6 & 24
Xcel Electric along canal whole scope
Xcel Energy®


1179472
08/30/2023
Xcel Electric F rd and 35
35TH RD
GRAND VALLEY CANAL RD
3475
3485
3480
3482
3476
34781/2
3478
3486
3484
3488
3490
3498
3481
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15B
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25A
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15A
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2 AS B
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112
25C
070
534
6 CUWD B
25C
75
89
10C
72
04
10K
1534
15C
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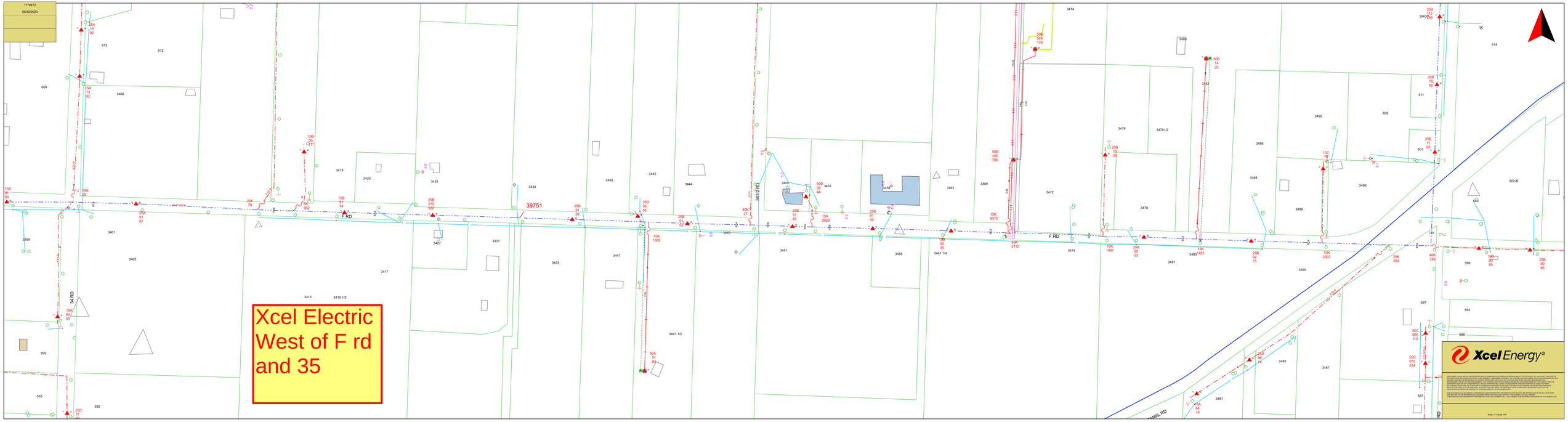
50C
70
08
25K
6261
CUWD B
CLIF1662W
2 AS B
Xcel Energy
Scale: 1" equals 100'

1167470
08/30/2023

Xcel Energy

Scale: 1" equals 83'


1170472
08/30/2023
Xcel Electric
West of F rd
and 35
39751
F RD
34 RD
Xcel Energy®
Scale: 1" equals 100'

Xcel Energy

Scale: 1" equals 83'

1167470

08/30/2023

Xcel Gas 34 Rd 2

2" PE

NW 7
1S 2E

60

4" S W

56

1 1/4" S W

3393

E
12
N

3399

W
1
N

3401

N 5'
1 E
5405

271

E 3'
23 E
N

34 RD

1 1/4" S W

595

S 4'
3 S
E

585

N 1'
2 N
E

582

S
1
W

581

S 1'
3 S
E

579

S 4'
3 S
E

1 1/4" S W

577

S
3
E

N 20'
9 N
W

W
16
N

576

3/4" PE

1 1/4" PE

3

N
13
W

574

574 1/4

572

572

S 6'
15 S
E

N
16
W

1 1/4" PE

Xcel Energy®

Scale: 1" equals 50'

1167470

08/30/2023

Xcel Gas
34 Rd

2" PE

51

3401

W2N

5'
E

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302

322

612

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1
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5
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2'
S

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E

6'
S

609

3404

2" PE

NW 1S 7 2E

4" S W

60

56

1 1/4" S W

3393

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12
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3399

W
1
N

3401

N
1
E

5'
E

3405

271

E
23
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3'
E

34 RD

1 1/4" S W

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1'
N

582

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Xcel Energy®

Scale: 1" equals 50'

1185472

08/30/2023

D&RGW RR

STATE HWY 6 & 24

361/4 RD

1 1/4" S W

1 1/4" PE

1 1/4" S FBE

3/4" S W

4" S W

DOC 47375,47376,47383
47366,47367,47374

47372,47373,47377,47379

3613-E

3673

3637

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3623

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3613

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680

678

671

674

669

667

655

653

3629

3627

3603

SHOP

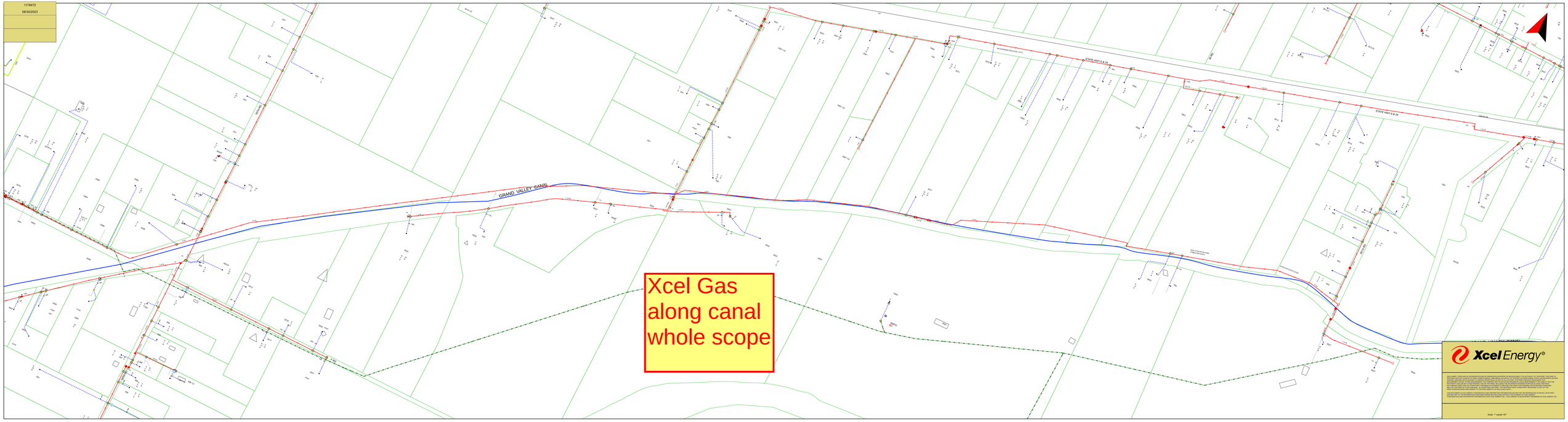
TRL

Xcel Gas 36.75 Rd and Grand Valley Canal Rd

Xcel Energy®

Scale: 1" equals 133'

1185472
08/30/2023
STATE HWY 6 & 24
GRAND VALLEY CANAL
CABERNET CT
SHIRAZ DR
GOLD DUST LN
RUPP AVE
NECTARINE ST
SUMMERSET ST
REDHAVEN ST
MONTCLAIR DR
FARHAVEN RD
RODEO DR
Xcel Gas along canal whole scope 1
Xcel Energy®


1179472
08/30/2023
GRAND VALLEY CANAL
STATE HWY 6 & 24
Xcel Gas
along canal
whole scope
Xcel Energy®

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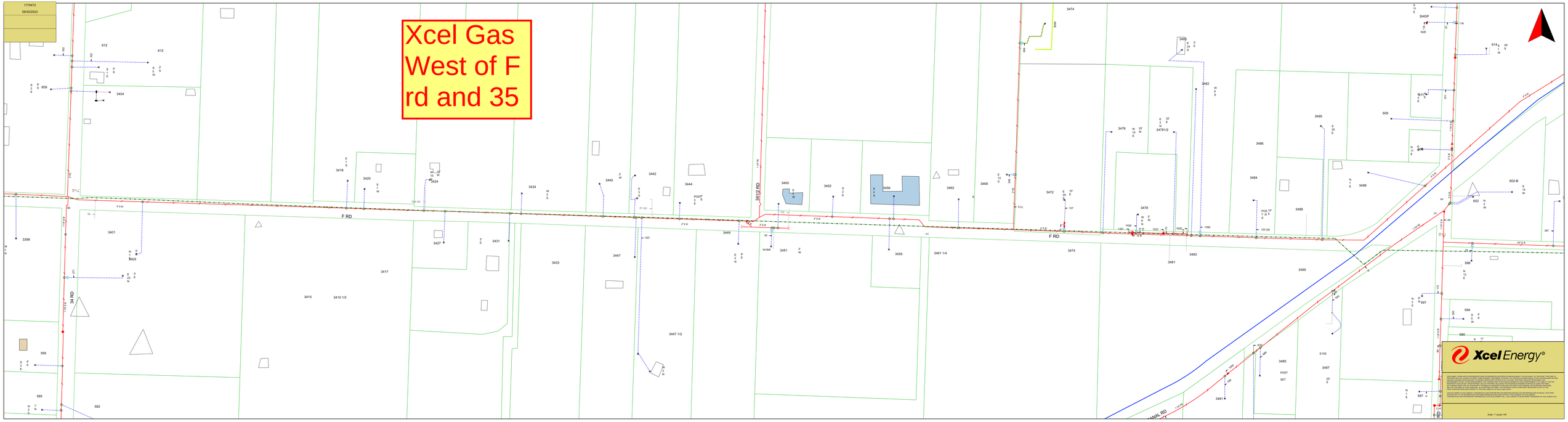
1170472
08/30/2023
Xcel Gas
West of F
rd and 35
F RD
34 RD
3412 RD
Xcel Energy®

1167470

08/30/2023

33 3/4 RD

34 R

1 1/4" S W

589

590 1/2

595

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573

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571

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3351

S 10 E 4' S

S ON POST

S 22 W 3' S

N 20 W 8' N

W 13 S

S 3 E 4' S

N 2 E 1' N

S 1 W

S 3 E 1' S

N 5 W 1' N

S 3 E 4' S

S 3 E

N 9 W 20' N

W 16 N

3/4" PE

1 1/4" PE

N 13 W

S 15 E 6' S

N 15 E 4' N

1544

S1W

8' S

N 6 W

N 2 E 7' N

S 12 W

1" B

605

C

Xcel Gas

Xcel Energy®

Scale: 1" equals 83'

1185474

09/05/2023

STATE HWY 6 & 24

D&RGW RR

361/4 RD

SHOP

3603 3607 3613 3615 3619 3623 3627 3629 3633 3637

669 671 674 678 680 667 655 653

1 1/4" PE 1 1/4" S W 1 1/4" S FBE 3/4" S W 4" S W

DOC 47375,47376,47383
47366,47367,47374

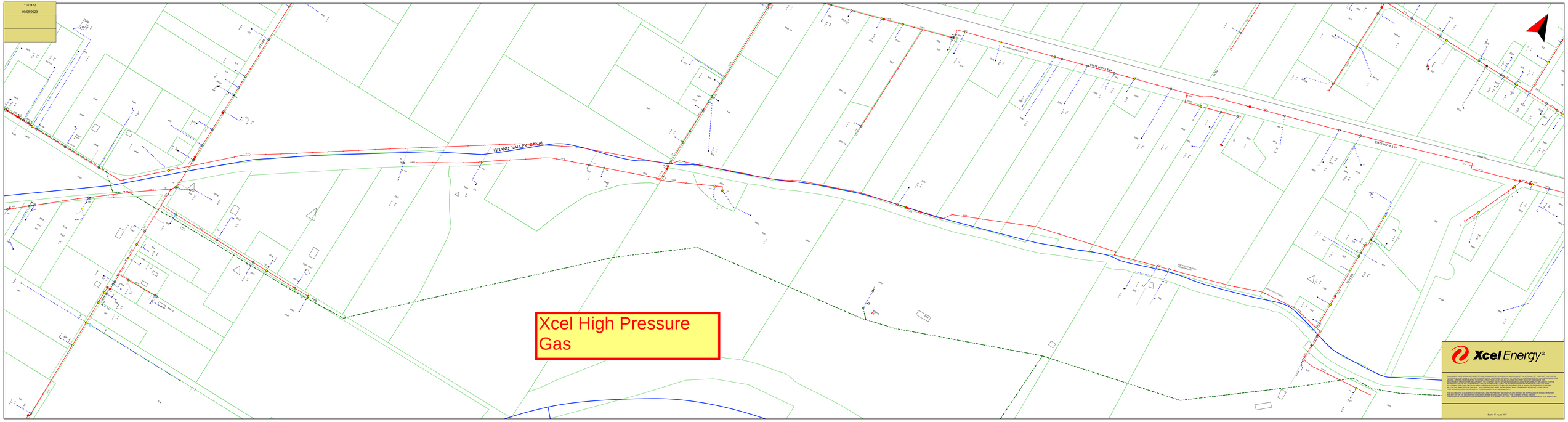
47372,47373,47377,47379

TRL

Xcel High Pressure Gas

Xcel Energy®

Scale: 1" equals 133'


1182472
09/05/2023
GRAND VALLEY CANAL
STATE HWY 6 & 24
Xcel High Pressure Gas
Xcel Energy®

1173470

09/05/2023

High Pressure Gas 34 Rd

S 6' S 609
3 S
E

S 5' S
1 S
E

S 2' S
5 S
W

3404

2" PE

NW 7
1S 2E

60

4" S W

56

1 1/4" S W

E
12
N

3399

W
1
N

3401

N 5' E
1 S
E

3405

271

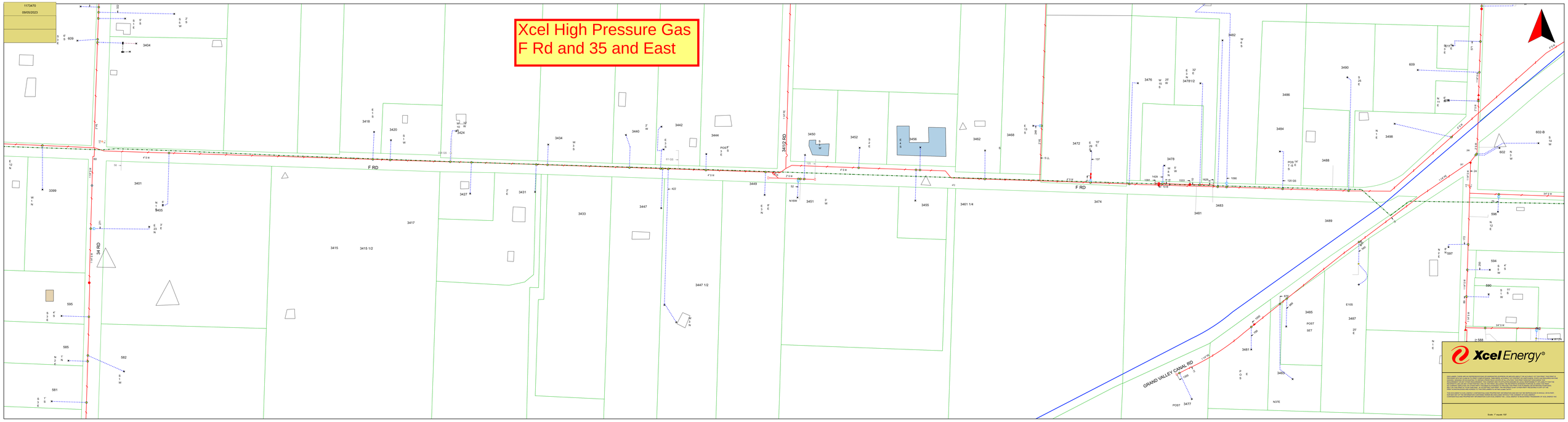
E 3' E
23 S
N

34 RD

1 1/4" S W

Xcel Energy®

Scale: 1" equals 50'


1173470
09/05/2023
Xcel High Pressure Gas
F Rd and 35 and East
F RD
34 RD
3417 RD
GRAND VALLEY CANAL RD
Xcel Energy®
Scale: 1" equals 100'

1182472

09/05/2023

Xcel High Pressure Gas F Rd and 35

35TH RD

GRAND VALLEY CANAL RD

SHOP

POST SET

POST

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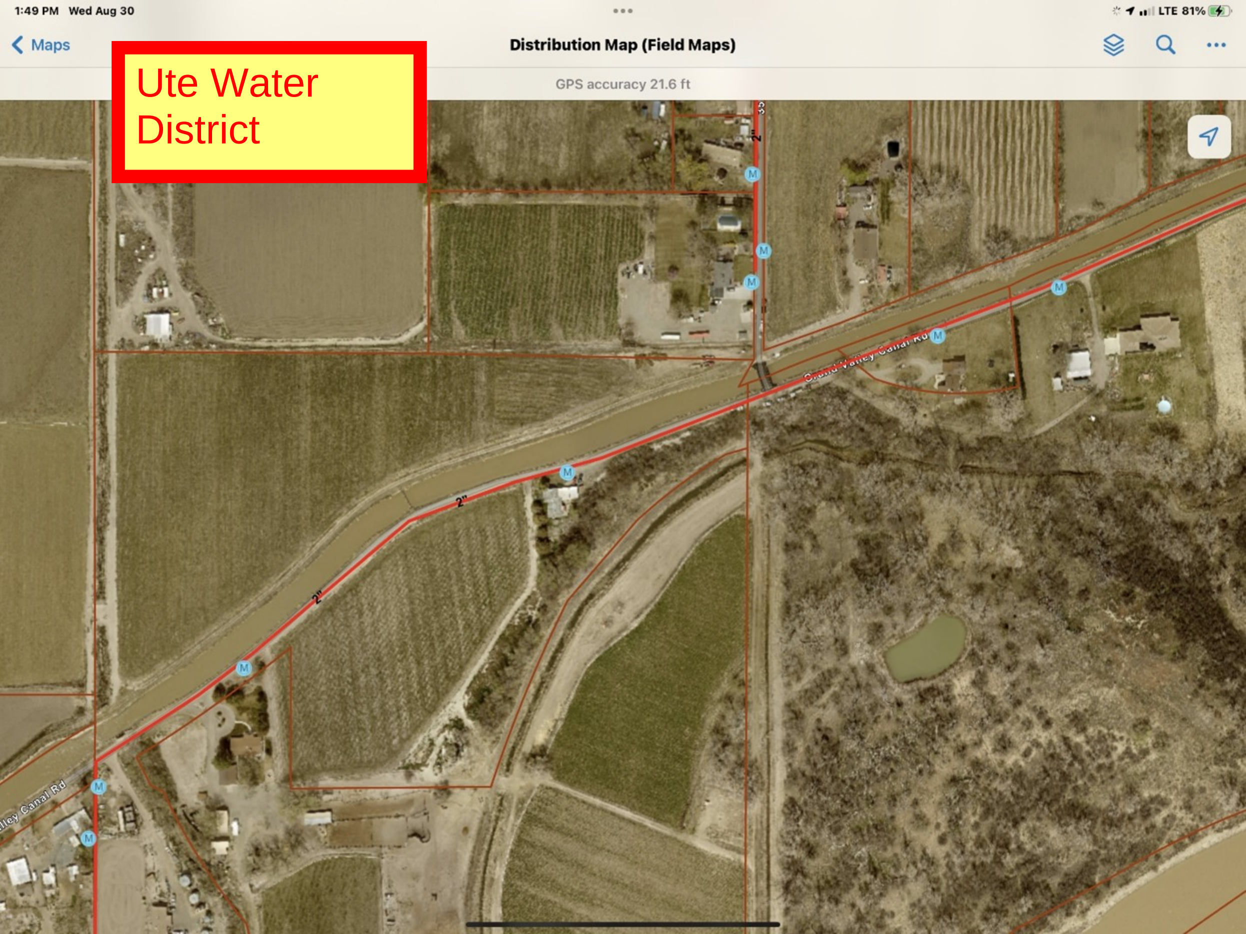
Xcel Energy®

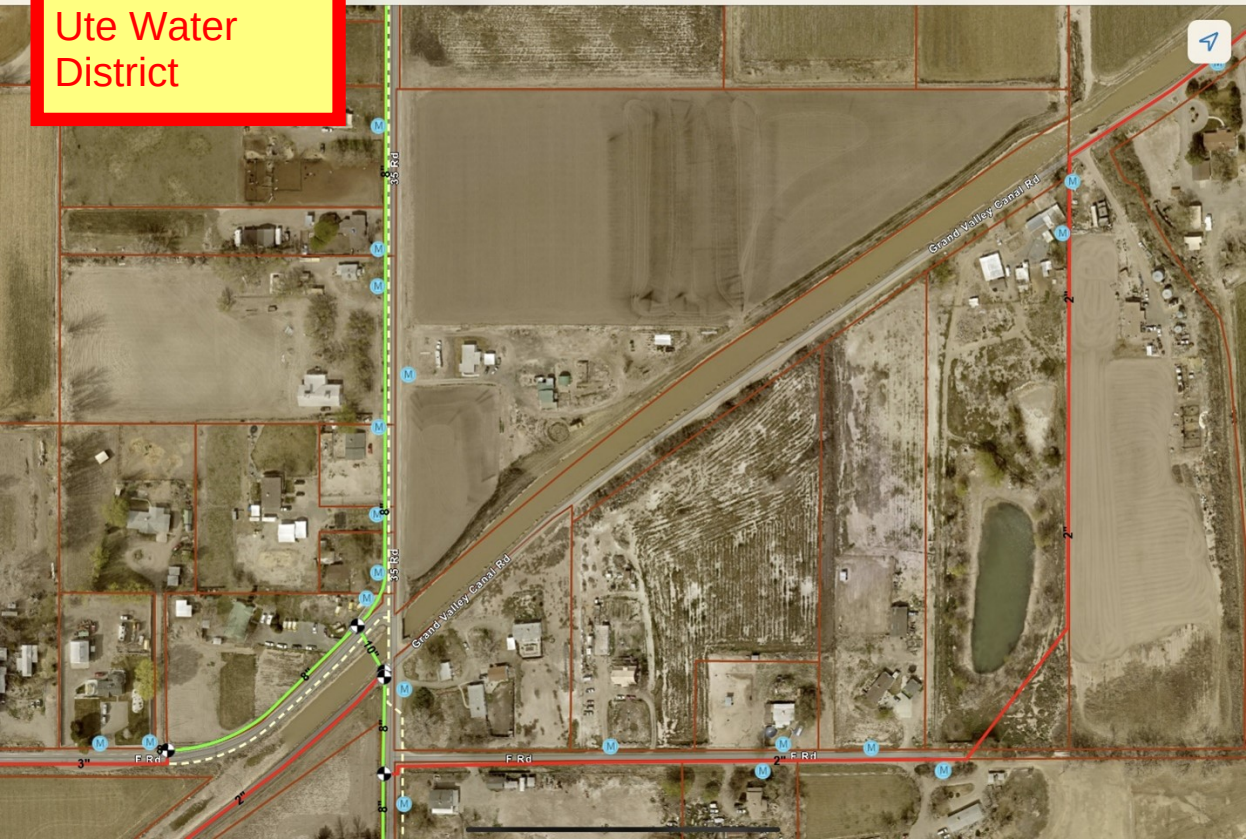
Scale: 1" equals 150'


2148142
09/05/2023
STATE HWY 6 & 24
GRAND VALLEY CANAL
FARHAVEN RD
NECTARINE ST
RODEO DR
BRENTWOOD DR
Xcel High Pressure Gas
Xcel Energy®


Ute Water District
36 1/4 Rd
2"
Grand Valley Canal Rd



1:49 PM Wed Aug 30
LTE 81%
Maps
Distribution Map (Field Maps)
GPS accuracy 21.6 ft
Ute Water District
2"
2"
2"
M
Canal Rd


Ute Water District
Grand Valley Canal Rd
Grand Valley Canal Rd
35 Rd
35 Rd
F Rd
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F Rd
10"
8"
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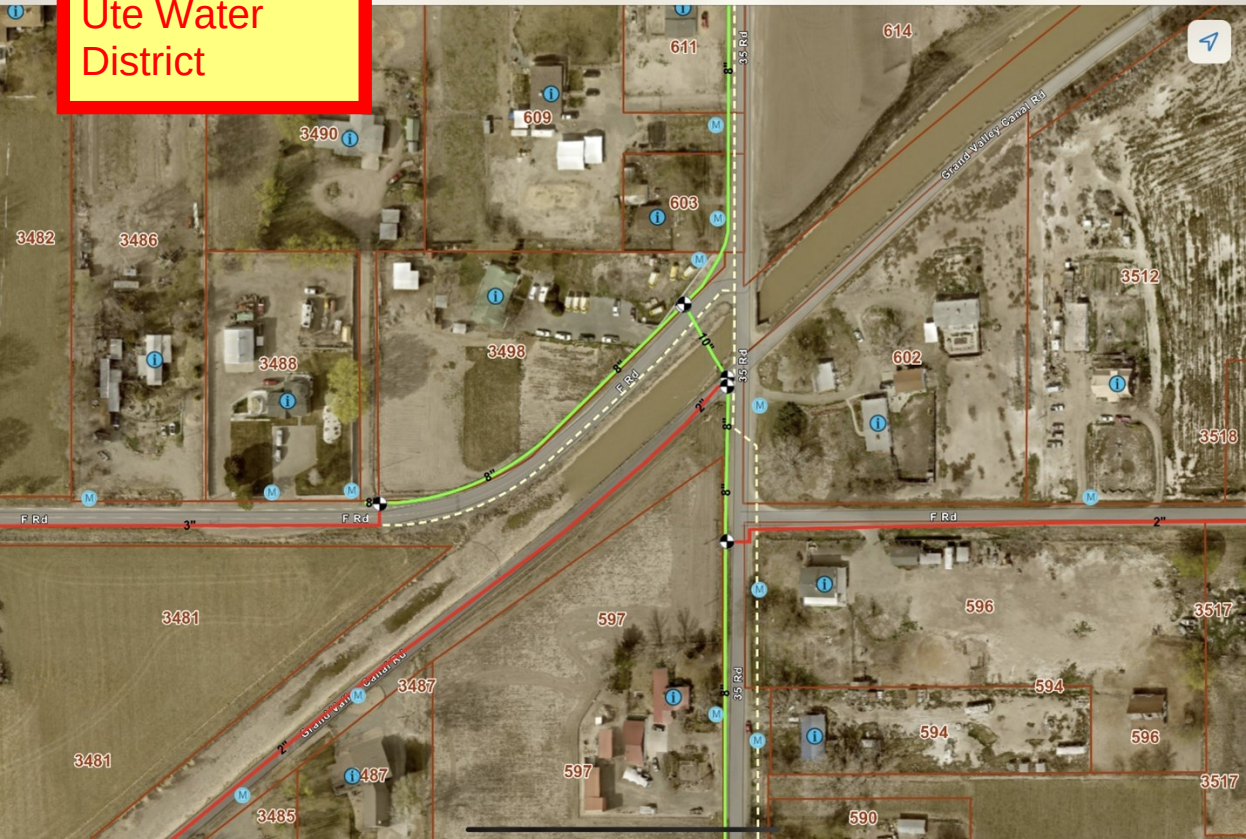
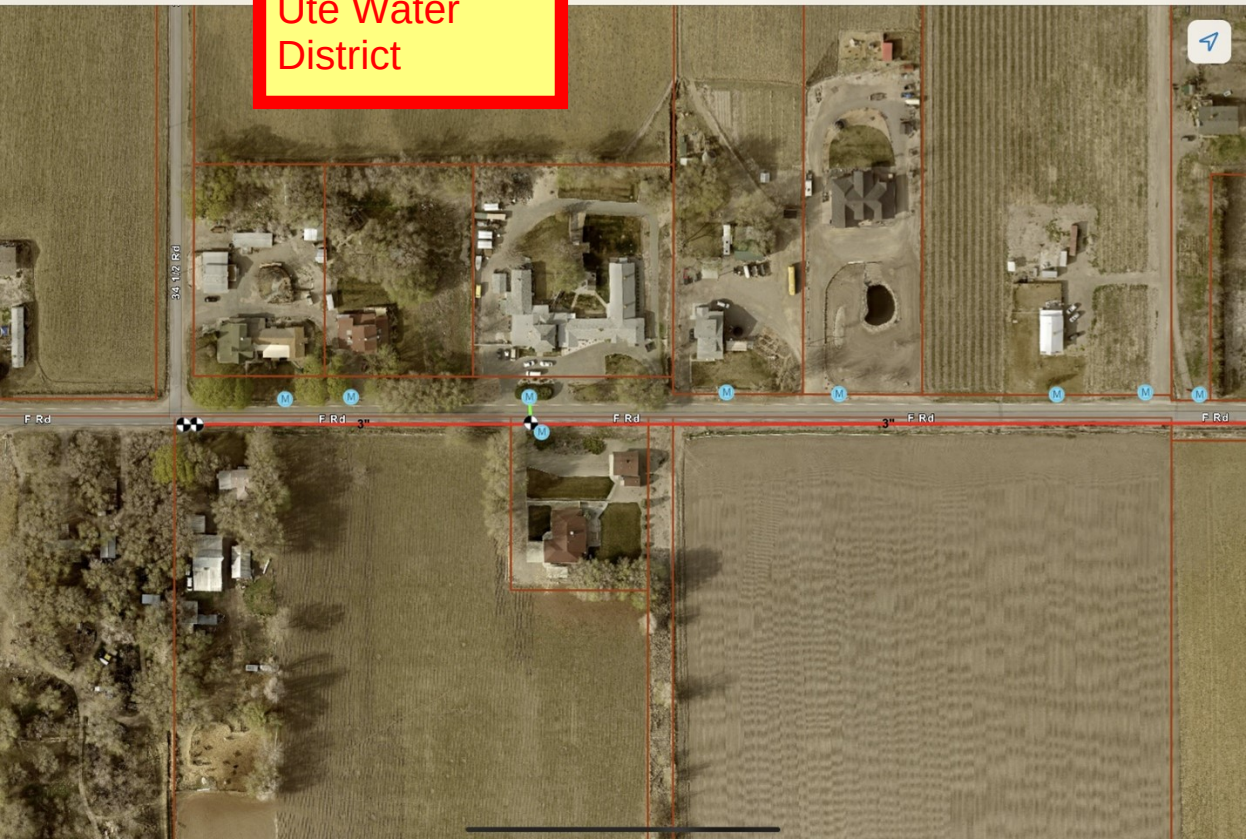
2"

Ute Water District




Front St
Grand Valley Canal Rd
Grand Valley Canal Rd
Ute Water District

PS accuracy 22.5 ft



https://emap.mesacounty.us/viewer/?_gl=1*5lyfyz*_ga*NjUxNjE3NTI4LjE2OTMzMzg0ODA.*_ga_0FBKKPHEZV*MTY5NTMzMjkxNC40LjEuMTY5NTMzMjkxOS4w...

Layers | Basemap | Legend | Measure | Query | Bookmark | Print | Help | Districts and City Limits | Search By...

Map ›

Water

- Clifton Water District
- Mesa Water and Sanitation District
- Ute Water Conservancy District

City Limits

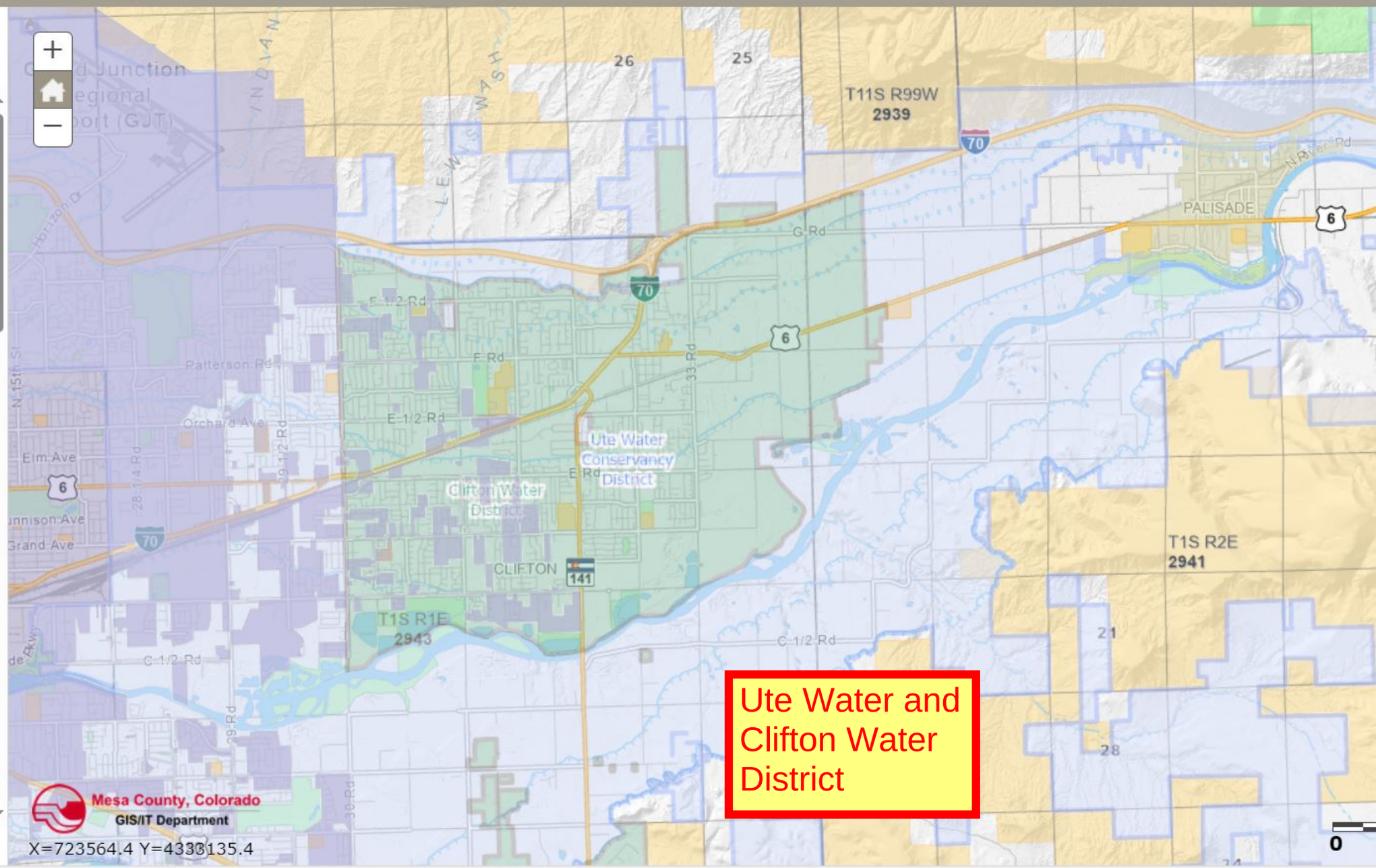
- City of Fruita
- City of Grand Junction
- Town of Collbran
- Town of De Beque
- Town of Palisade

Basemap Layers

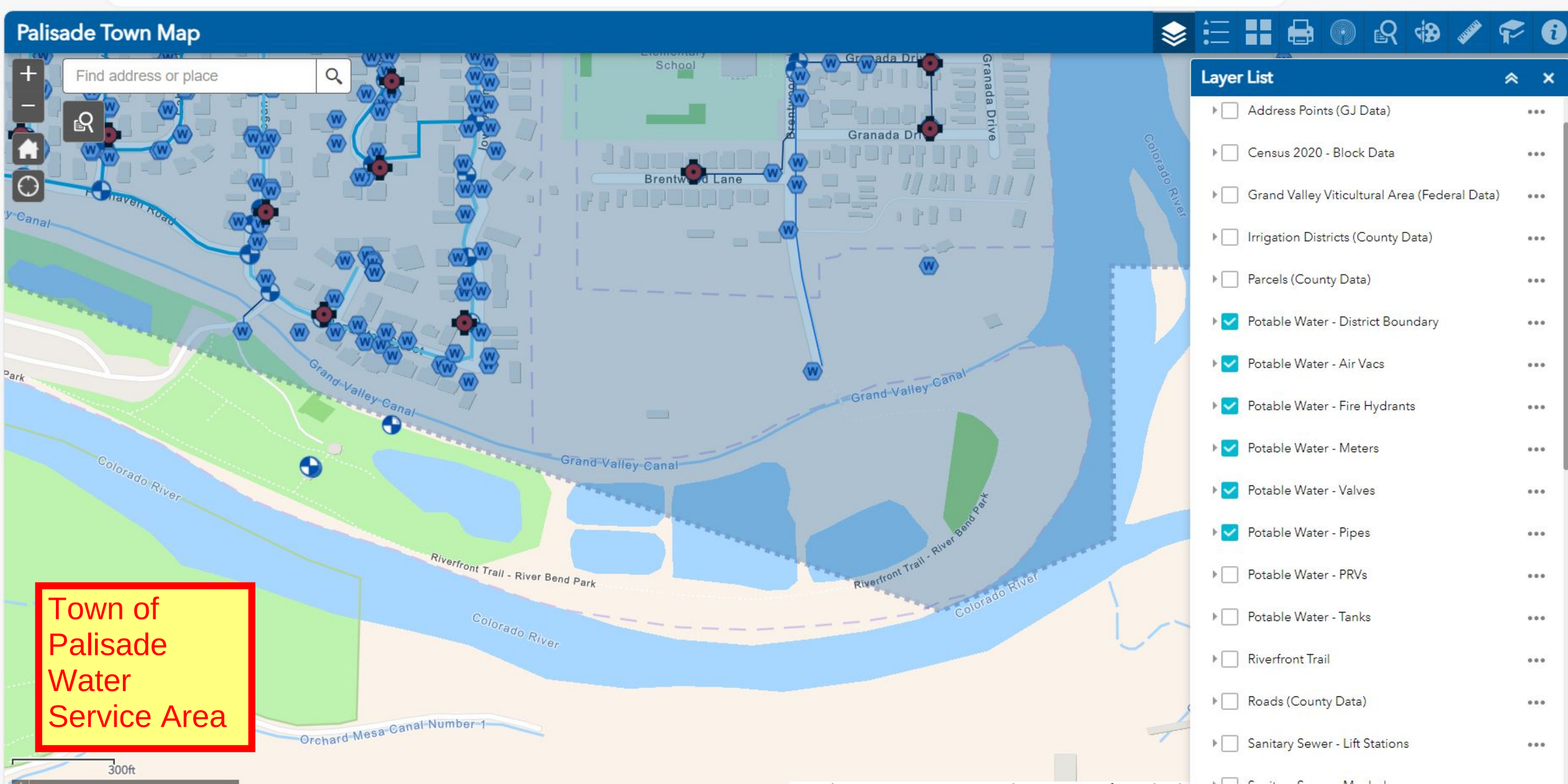
Public Buildings

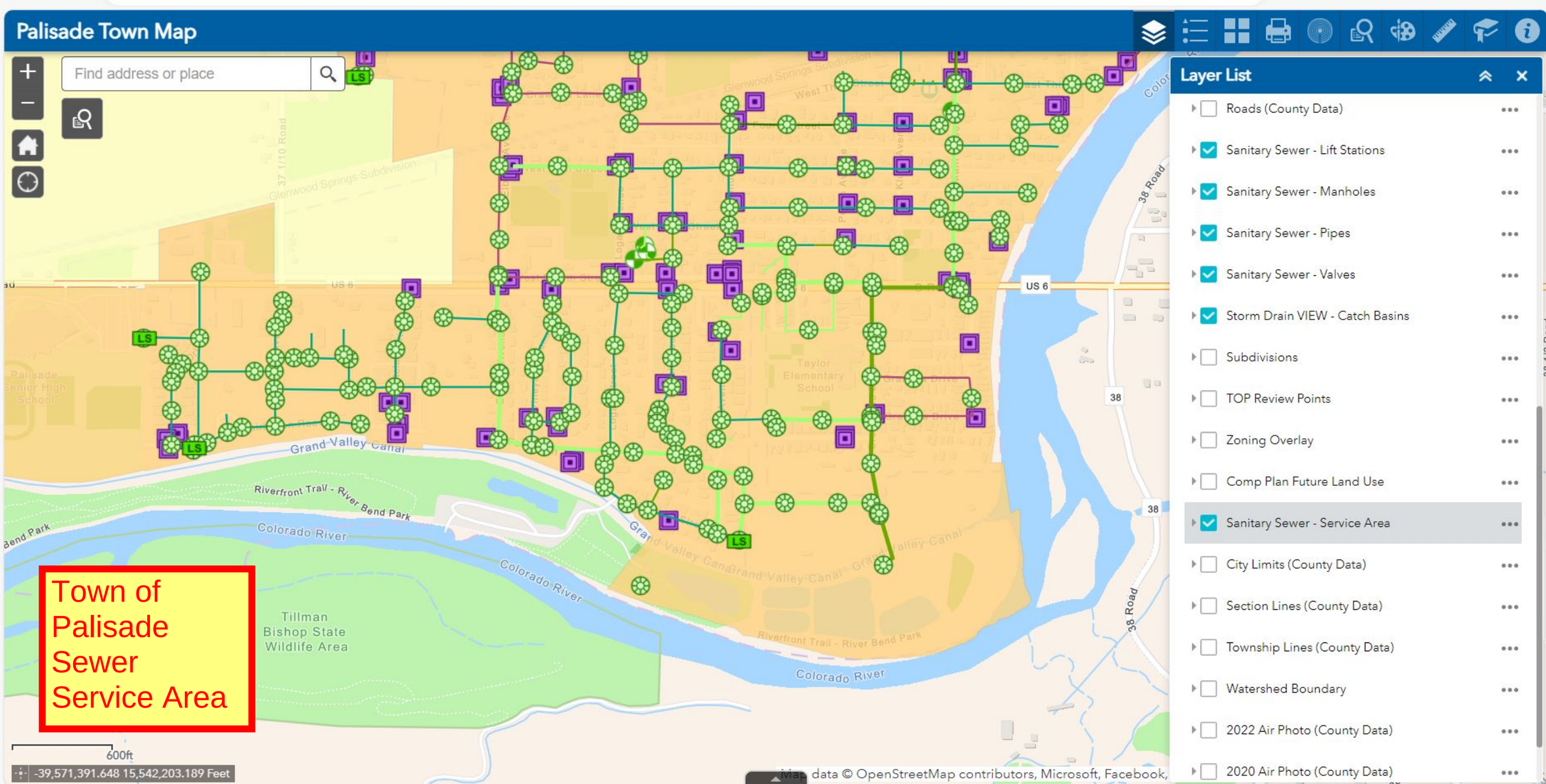
Airports and Airstrips

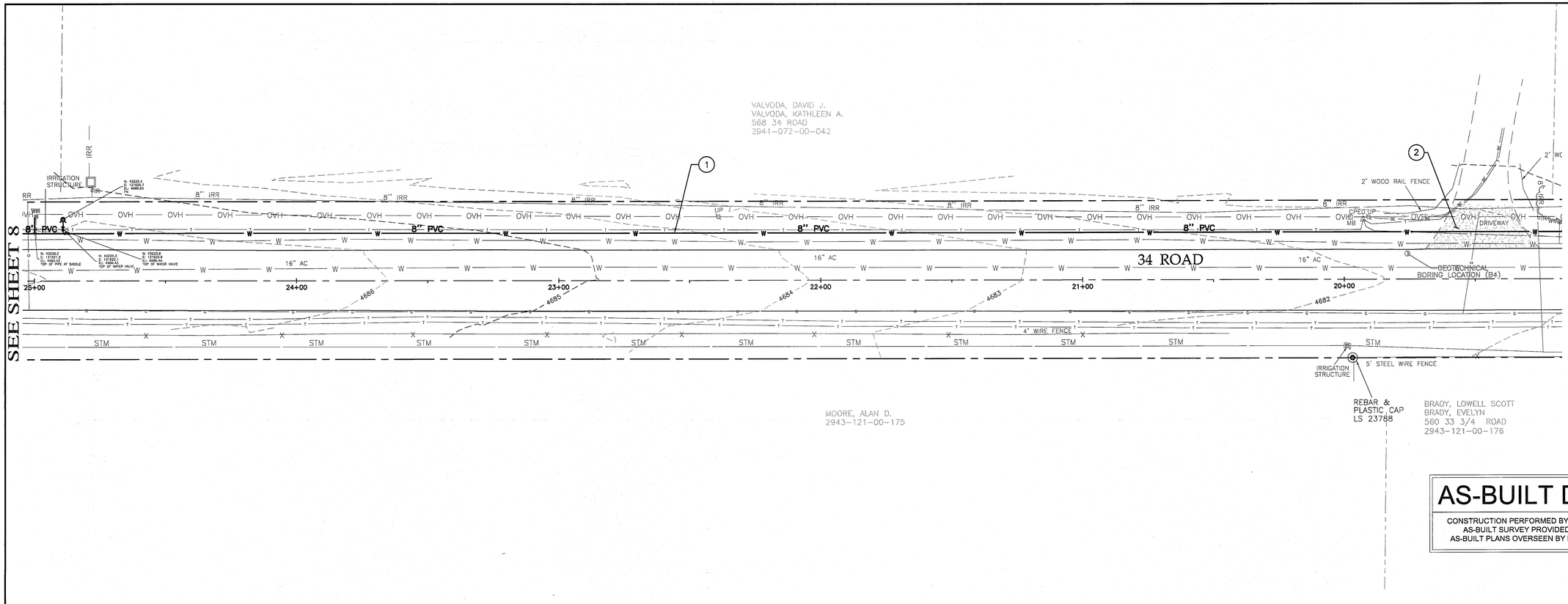
Roads



Ute Water and Clifton Water District

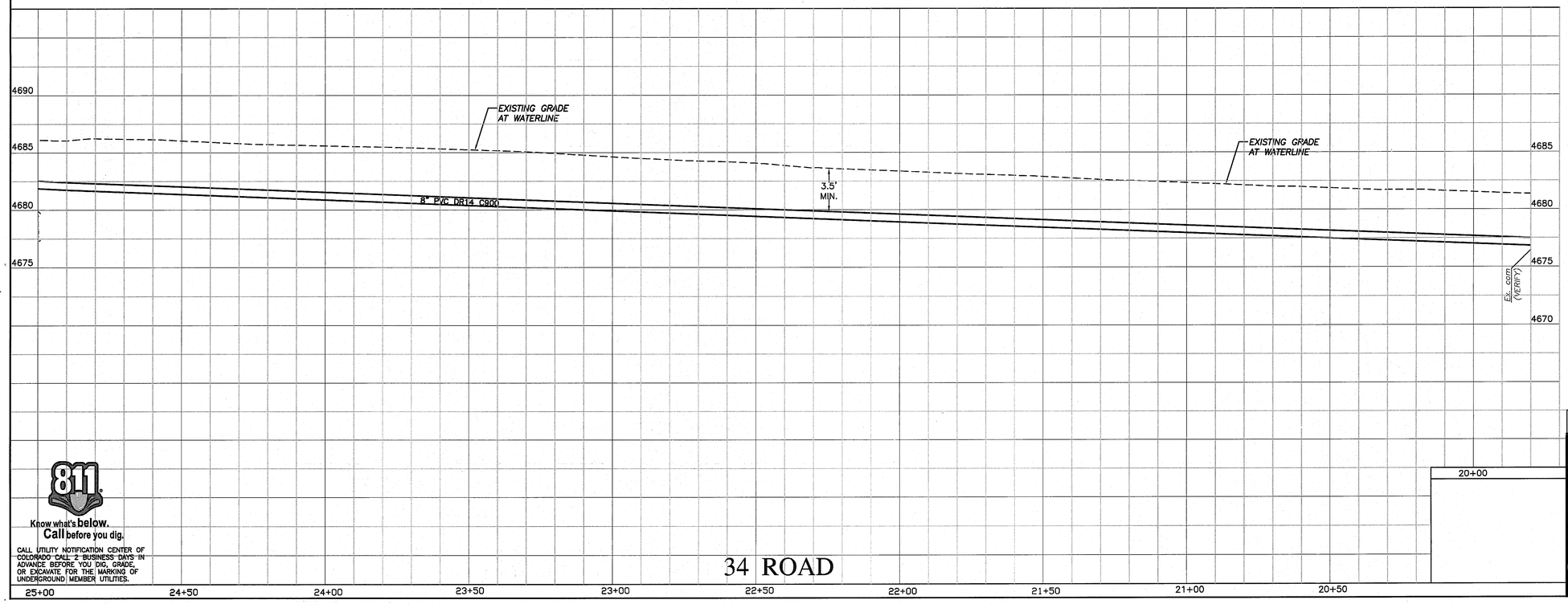

Palisade Town Map
Find address or place
Layer List
Address Points (GJ Data)
Census 2020 - Block Data
Grand Valley Viticultural Area (Federal Data)
Irrigation Districts (County Data)
Parcels (County Data)
Potable Water - District Boundary
Potable Water - Air Vacs
Potable Water - Fire Hydrants
Potable Water - Meters
Potable Water - Valves
Potable Water - Pipes
Potable Water - PRVs
Potable Water - Tanks
Riverfront Trail
Roads (County Data)
Sanitary Sewer - Lift Stations
Granada Drive
Brentwood Lane
Grand Valley Canal
Colorado River
Riverfront Trail - River Bend Park
Orchard Mesa Canal Number 1
300ft
Town of Palisade Water Service Area


Palisade Town Map
Find address or place
Layer List
Roads (County Data)
Sanitary Sewer - Lift Stations
Sanitary Sewer - Manholes
Sanitary Sewer - Pipes
Sanitary Sewer - Valves
Storm Drain VIEW - Catch Basins
Subdivisions
TOP Review Points
Zoning Overlay
Comp Plan Future Land Use
Sanitary Sewer - Service Area
City Limits (County Data)
Section Lines (County Data)
Township Lines (County Data)
Watershed Boundary
2022 Air Photo (County Data)
2020 Air Photo (County Data)
Town of Palisade Sewer Service Area
US 6
38
38 Road
LS
Grand Valley Canal
Riverfront Trail - River Bend Park
Colorado River
Tillman Bishop State Wildlife Area
Glenwood Springs Subdivision
Taylor Elementary School
Palisade Senior High School
600ft
-39,571,391.648 15,542,203.189 Feet
data © OpenStreetMap contributors, Microsoft, Facebook,



AS-BUILT DRAWING

CONSTRUCTION PERFORMED BY EAGLES NEST CONTRACTING
AS-BUILT SURVEY PROVIDED BY POLARIS SURVEYING
AS-BUILT PLANS OVERSEEN BY BRET GUILLORY, P.E. - C.W.D.



CONSTRUCTION NOTES

1. INSTALL 8" PVC C900 WITH TRACER WIRE ACCORDING TO CLIFTON WATER DISTRICT STANDARDS AND SPECIFICATION 103.
2. COORDINATE CONSTRUCTION OF WATERLINE ACROSS DRIVEWAY WITH PROPERTY OWNER.

811 Know what's below. Call before you dig.

CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

Rolland Consulting Engineers, LLC
405 Ridges Blvd. Suite A
Grand Junction, CO 81507
Voice: (970) 243-8300
Fax: (970) 241-1273
www.rcegj.com

34 ROAD
E 1/4 ROAD TO F ROAD
WATER LINE REPLACEMENT
STATION 20+00 TO STATION 25+00

Drawn	Designed	Checked	Proj#	Rv:	Sheet
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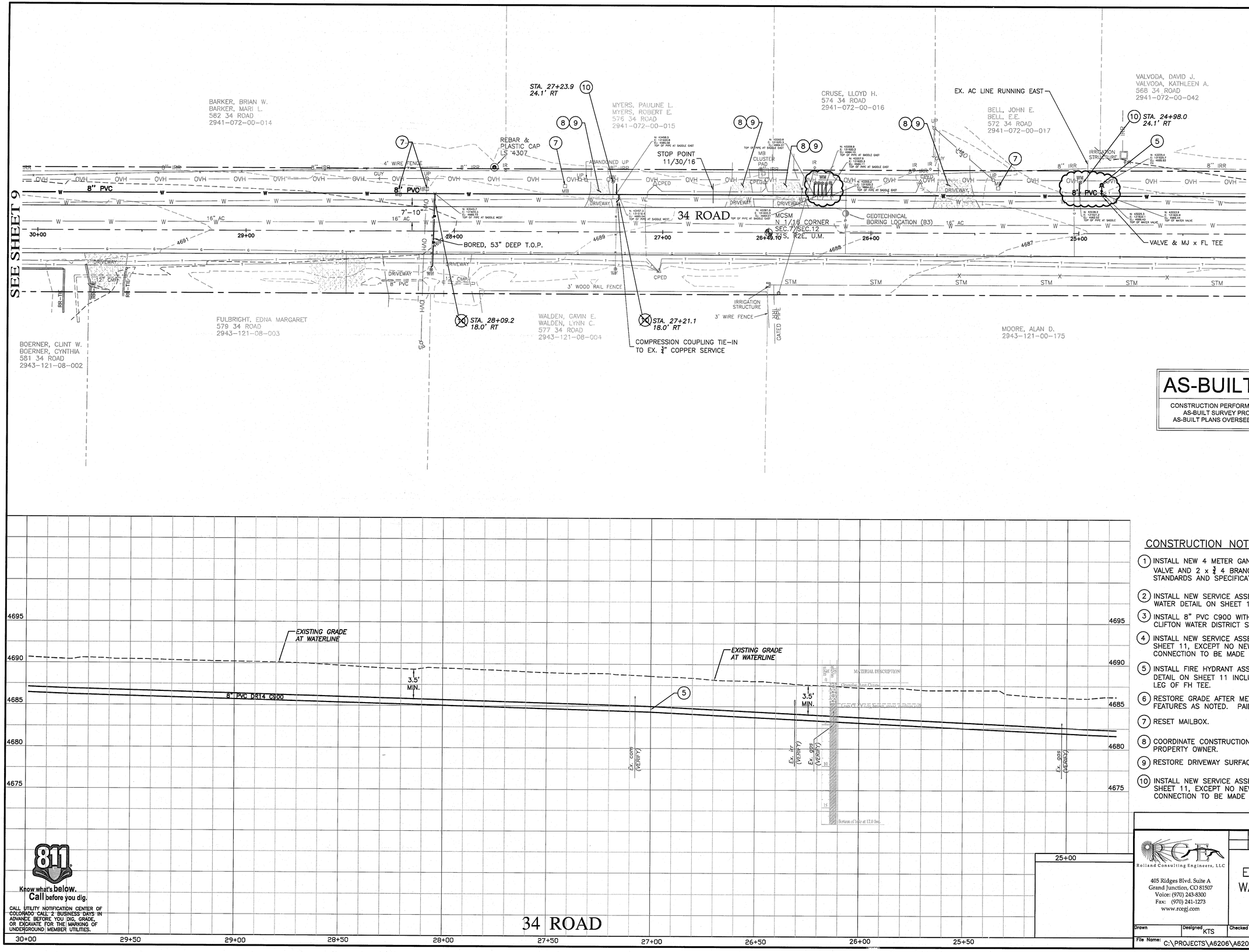
File Name: C:\PROJECTS\A6206\A6206BASE.DWG/PP5			Date 7/22/16		Of 12



CONSTRUCTION NOTES

1. INSTALL NEW 4 METER GANG BOX INCLUDING 2" TAP SADDLE, 2" GATE VALVE AND 2 x ¾ 4 BRANCH WYE ACCORDING TO CLIFTON WATER STANDARDS AND SPECIFICATIONS.
2. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL ON SHEET 11.
3. INSTALL 8" PVC C900 WITH TRACER WIRE ACCORDING TO CLIFTON WATER DISTRICT STANDARDS AND SPECIFICATION 103.
4. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL SHEET 11, EXCEPT NO NEW METER OR METER PIT IS REQUIRED. CONNECTION TO BE MADE ON STREET SIDE OF EXISTING METER.
5. INSTALL FIRE HYDRANT ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL ON SHEET 11 INCLUDING 8" FLxMJ GATE VALVE ON SOUTH LEG OF FH TEE.
6. RESTORE GRADE AFTER METER INSTALLATION AND RESET LANDSCAPE FEATURES AS NOTED. PAID UNDER RESET LANDSCAPE.
7. RESET MAILBOX.
8. COORDINATE CONSTRUCTION OF WATERLINE ACROSS DRIVEWAY WITH PROPERTY OWNER.
9. RESTORE DRIVEWAY SURFACE. SEE DETAIL SHEET 2.
10. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL SHEET 11, EXCEPT NO NEW METER OR METER PIT IS REQUIRED. CONNECTION TO BE MADE ON STREET SIDE OF EXISTING METER.

AS-BUILT DRAWING

CONSTRUCTION PERFORMED BY EAGLES NEST CONTRACTING
AS-BUILT SURVEY PROVIDED BY POLARIS SURVEYING
AS-BUILT PLANS OVERSEEN BY BRET GUILLORY, P.E. - C.W.D.

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Grand Junction, CO 81507
Voice: (970) 243-8300
Fax: (970) 241-1273
www.rcegj.com

34 ROAD
E 1/4 ROAD TO F ROAD
WATER LINE REPLACEMENT
STATION 25+00 TO STATION 30+00

Drawn	Designed	Checked	Proj#	Rv:	Sheet
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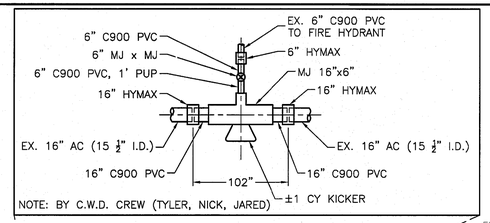
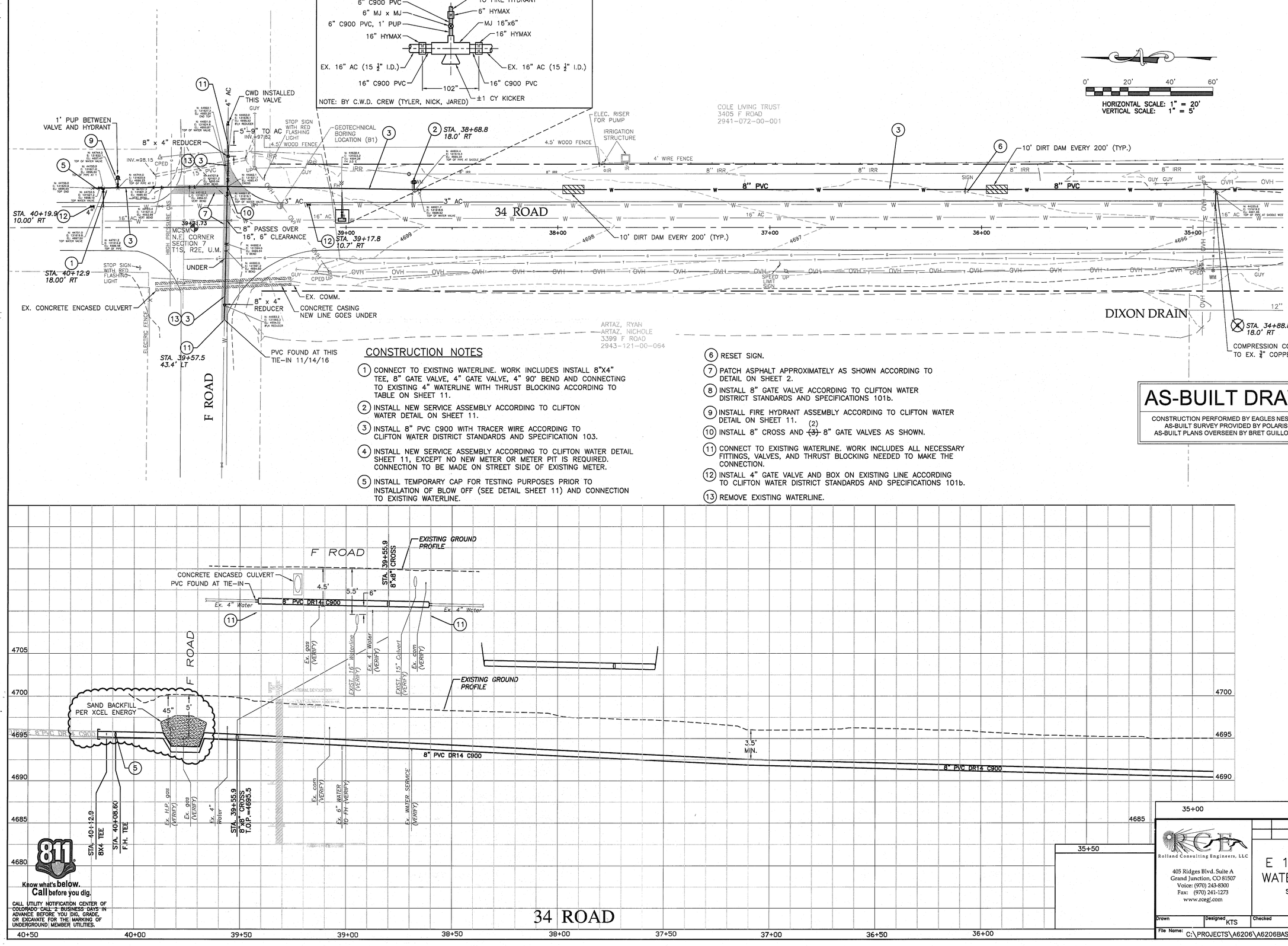
File Name: C:\PROJECTS\A6206\A6206BASE.DWG/PP6			Date 7/22/16		Of 12





CONSTRUCTION NOTES

1. CONNECT TO EXISTING WATERLINE. WORK INCLUDES INSTALL 8"X4" TEE, 8" GATE VALVE, 4" GATE VALVE, 4" 90° BEND AND CONNECTING TO EXISTING 4" WATERLINE WITH THRUST BLOCKING ACCORDING TO TABLE ON SHEET 11.
2. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL ON SHEET 11.
3. INSTALL 8" PVC C900 WITH TRACER WIRE ACCORDING TO CLIFTON WATER DISTRICT STANDARDS AND SPECIFICATION 103.
4. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL SHEET 11, EXCEPT NO NEW METER OR METER PIT IS REQUIRED. CONNECTION TO BE MADE ON STREET SIDE OF EXISTING METER.
5. INSTALL TEMPORARY CAP FOR TESTING PURPOSES PRIOR TO INSTALLATION OF BLOW OFF (SEE DETAIL SHEET 11) AND CONNECTION TO EXISTING WATERLINE.
6. RESET SIGN.
7. PATCH ASPHALT APPROXIMATELY AS SHOWN ACCORDING TO DETAIL ON SHEET 2.
8. INSTALL 8" GATE VALVE ACCORDING TO CLIFTON WATER DISTRICT STANDARDS AND SPECIFICATIONS 101b.
9. INSTALL FIRE HYDRANT ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL ON SHEET 11.
10. INSTALL 8" CROSS AND ~~(3)~~ (2) 8" GATE VALVES AS SHOWN.
11. CONNECT TO EXISTING WATERLINE. WORK INCLUDES ALL NECESSARY FITTINGS, VALVES, AND THRUST BLOCKING NEEDED TO MAKE THE CONNECTION.
12. INSTALL 4" GATE VALVE AND BOX ON EXISTING LINE ACCORDING TO CLIFTON WATER DISTRICT STANDARDS AND SPECIFICATIONS 101b.
13. REMOVE EXISTING WATERLINE.

AS-BUILT DRAWING

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34 ROAD
E 1/4 ROAD TO F ROAD WATER LINE REPLACEMENT
STATION 35+00 TO STATION 40+00

Drawn	Designed	Checked	Proj#	Rv:	Sheet
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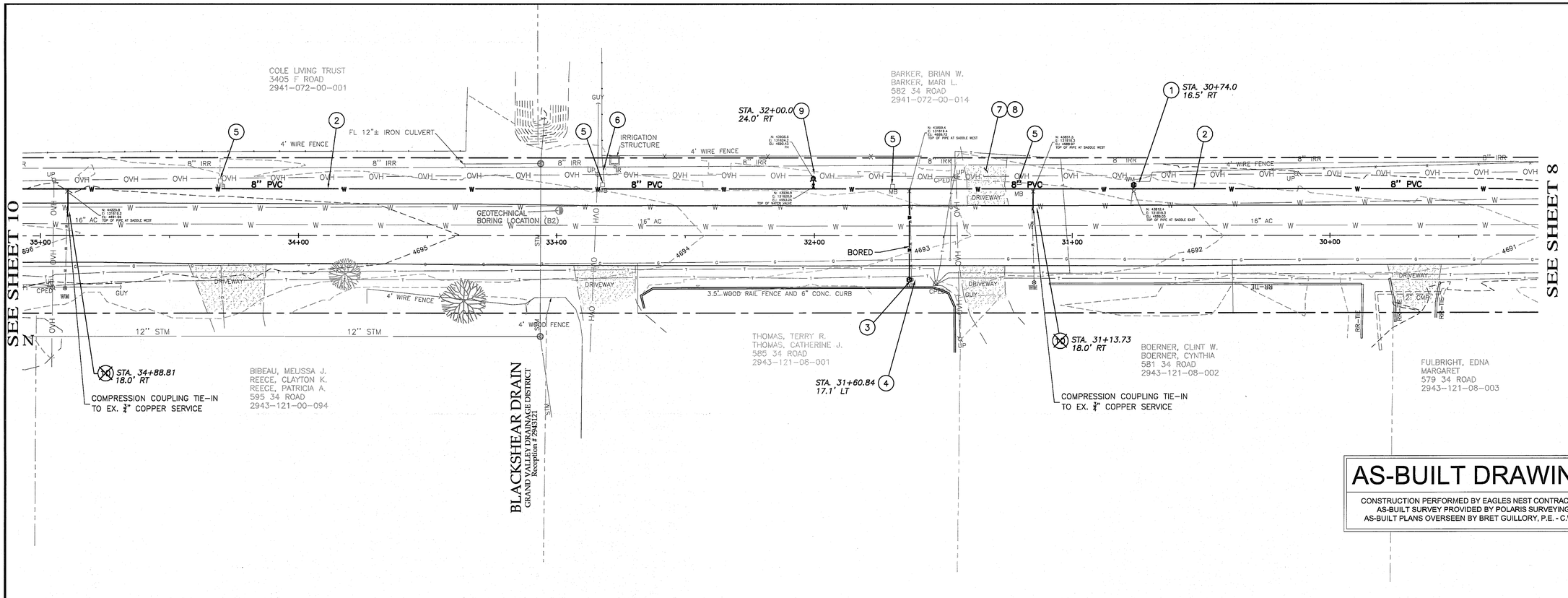
File Name: C:\PROJECTS\A6206\A6206BASE.DWG/PP8			Date 7/22/16		Of 12

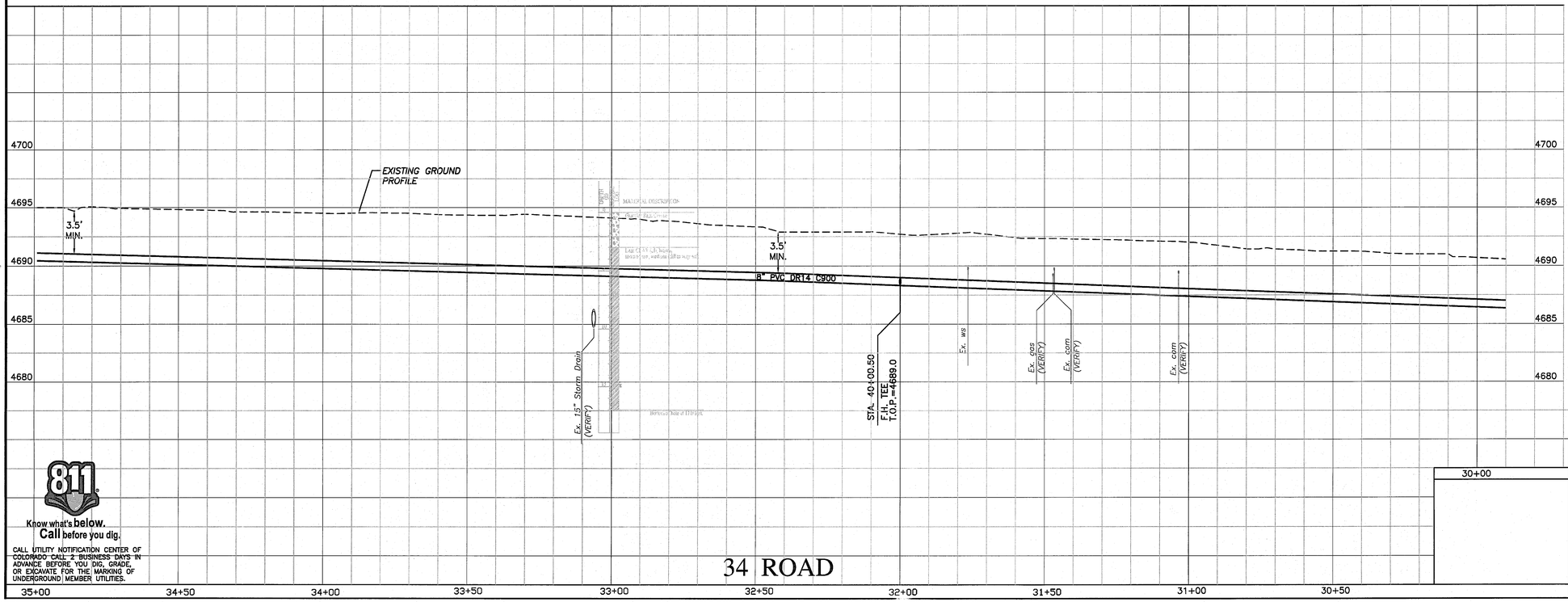


0' 20' 40' 60'

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

AS-BUILT DRAWING

CONSTRUCTION PERFORMED BY EAGLES NEST CONTRACTING
AS-BUILT SURVEY PROVIDED BY POLARIS SURVEYING
AS-BUILT PLANS OVERSEEN BY BRET GUILLORY, P.E. - C.W.D.



CONSTRUCTION NOTES

1. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL ON SHEET 11.
2. INSTALL 8" PVC C900 WITH TRACER WIRE ACCORDING TO CLIFTON WATER DISTRICT STANDARDS AND SPECIFICATION 103.
3. RESTORE GRADE AFTER METER INSTALLATION AND RESET LANDSCAPE FEATURES AS NOTED. PAID UNDER RESET LANDSCAPE.
4. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL SHEET 10. WORK INCLUDES EXTENDING SERVICE ACROSS 34 ROAD BY MEANS OF DIRECTIONAL BORE OR OTHER APPROVED METHODS.
5. RESET MAILBOX.
6. RESET FENCE.
7. COORDINATE CONSTRUCTION OF WATERLINE ACROSS DRIVEWAY WITH PROPERTY OWNER.
8. RESTORE DRIVEWAY SURFACE. SEE DETAIL SHEET 2.
9. INSTALL FIRE HYDRANT ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL ON SHEET 11.
10. INSTALL NEW SERVICE ASSEMBLY ACCORDING TO CLIFTON WATER DETAIL SHEET 11, EXCEPT NO NEW METER OR METER PIT IS REQUIRED. CONNECTION TO BE MADE ON STREET SIDE OF EXISTING METER.

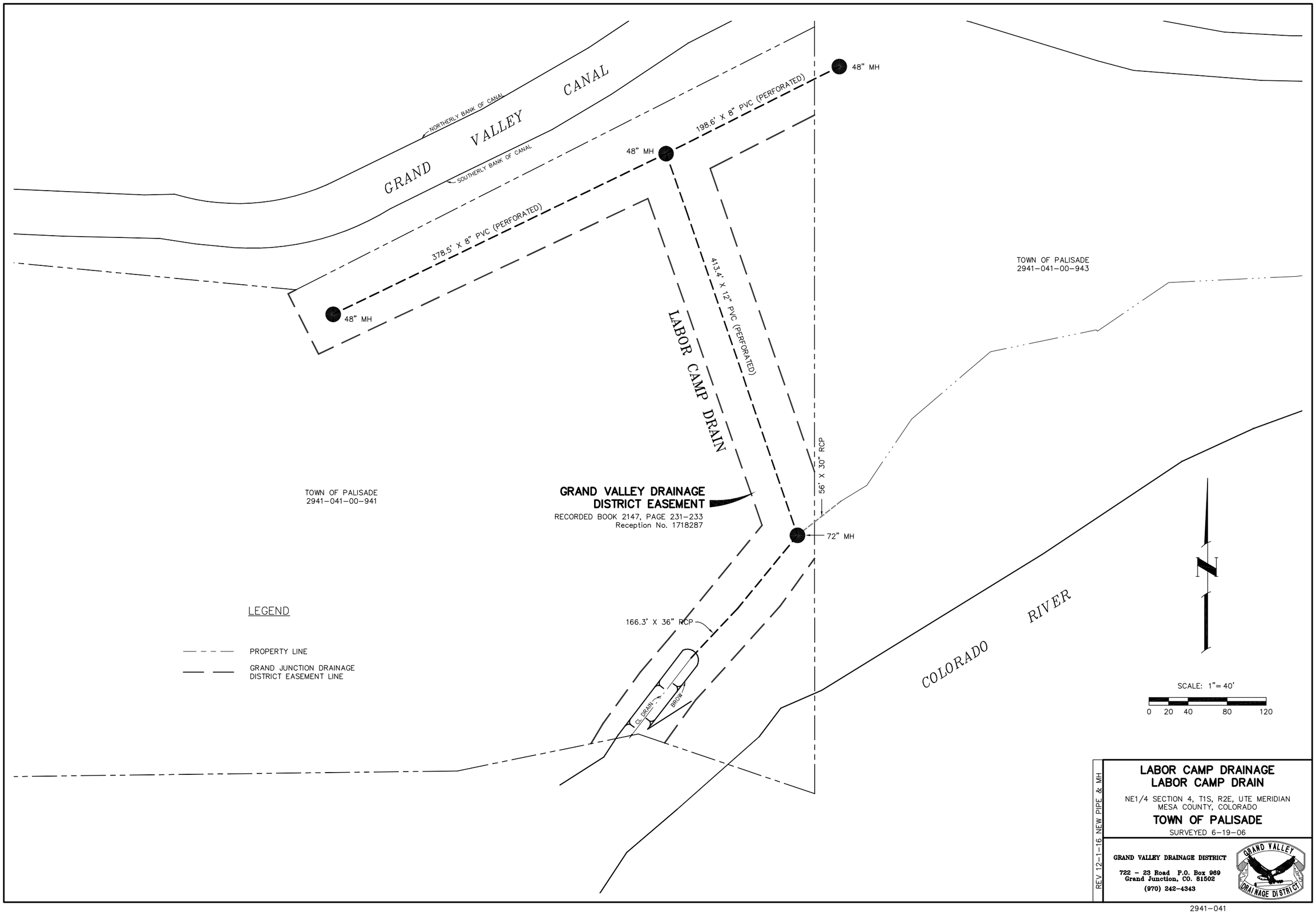
811 Know what's below. Call before you dig.

CALL UTILITY NOTIFICATION CENTER OF COLORADO CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

Rolland Consulting Engineers, LLC
405 Ridges Blvd. Suite A
Grand Junction, CO 81507
Voice: (970) 243-8300
Fax: (970) 241-1273
www.rcegj.com

34 ROAD
E 1/4 ROAD TO F ROAD
WATER LINE REPLACEMENT
STATION 30+00 TO STATION 35+00

Drawn	Designed	Checked	Proj#	Rv:	Sheet
	KTS		A6206		9
File Name: C:\PROJECTS\A6206\A6206BASE.DWG/PP7			Date 7/22/16		Of 12



REV 12-1-16 NEW PIPE & MH

LABOR CAMP DRAINAGE
LABOR CAMP DRAIN

NE1/4 SECTION 4, T1S, R2E, UTE MERIDIAN
MESA COUNTY, COLORADO

TOWN OF PALISADE

SURVEYED 6-19-06

GRAND VALLEY DRAINAGE DISTRICT

722 - 23 Road P.O. Box 969
Grand Junction, CO. 81502
(970) 242-4343

2941-041

SEE Miller\Miller\Miller.dwg

WEST MILLER DRAIN

10" PVC

GRAND VALLEY DRAINAGE DISTRICT EASEMENT
RECEPTION NO 3064495

3583 GRAND VALLEY CANAL RD
2941-054-00-048

NW CORNER
SE1/4
SECTION 5
T1S, R2E, U.M.
MCSM S388

Grand Valley Main Line Canal

EDGE GRAVEL ROAD

3571 FRONT ST
2941-051-00-061

3577 HIGHWAY 6 AND 24
2941-051-00-103

10" TRANS

SEE SHEET 3

CONC PAD FOR IRR PUMPS & SUMPS

TWO 26" X 8" PVC

MANHOLE (HOT SPOT)
FIELD VERIFY

347.8'x18" RCP

232.8' X 18" RCP

392'x18" RCP

PRIVATE DRIVE

380.5'x18" RCP

EDGE GRAVEL ROAD

12" PVC\IRON\HDPE

12" PVC

8" PVC

GRAND VALLEY DRAINAGE DISTRICT EASEMENT
RECORDED BOOK 627, PAGE 48
Reception No. 619998

36" MANHOLE
RIM 4678.31
FL N 4668.21
FL S 4668.17

24"x12" TRANS

WHITEHEAD DRAIN

36" MANHOLE
RIM 4682.27

36" MANHOLE
RIM 4685.50
FL 4676.36

3583 FRONT ST
2941-051-00-031

SEE SHEET 1

SOUTH WHITEHEAD DRAIN

3583 GRAND VALLEY CANAL RD
2941-054-00-048

GRAND VALLEY DRAINAGE DISTRICT EASEMENT
RECORDED BOOK 758, PAGE 52-53
Reception No. 745372

GRAND VALLEY CANAL

NE CORNER
SE1/4
SECTION 5
T1S, R2E, U.M.
MCSM S389

SCALE: 1"= 50'

0 25 50 100 150

LEGEND

- MESA COUNTY SURVEY MONUMENT
- GRAND VALLEY DRAINAGE DISTRICT EASEMENT LINE
- SECTION LINE
- ℄ OF DITCH
- BROW OF DITCH
- PROPERTY LINES PER MESA COUNTY PARCEL MAP

SHEET 2

WHITEHEAD DRAINAGE
WHITEHEAD DRAIN

E1/2 SECTION 5, T1S, R2E, Ute Meridian
MESA COUNTY, COLORADO

LOCATION

NEW DWG 5/15/08

REV 6-5-23 WEST MILLER DRAIN ESMT
Survyd Ditch & MHs 06/8/10 ZLC
Revised 26 June 2009 ZLC

GRAND VALLEY DRAINAGE DISTRICT
722 - 23 Road P.O. Box 969
Grand Junction, CO. 81502
(970) 242-4343

2941-05

"F" ROAD

TRAVIS ELLIOTT
RACHEL BURMEISTER
3405 F ROAD
2941-072-00-001

MANHOLE 12" NRCP

32'x12" PVC

18'x15" NRCP BROW

8" CLA

65.7'x15" NRCP

MANHOLE

BROW

℄ DRAIN

BROW

BROW

1322.56'

34 ROAD

FD117

BRIAN & MARI BARKER
582 34 ROAD
2941-072-00-014

BLACKSHEAR DRAIN

(PREVIOUS OWNER)
HAROLD L. KOCH

DALE KOCH
3415 F ROAD
2941-072-00-002

℄ DRAIN

N00°02'04"E

GRAND VALLEY DRAINAGE DISTRICT EASEMENT
RECORDED BOOK 1949, PAGES 644-645
Reception No. 1626025

BROW

S00°02'00"E

PAULINE L MYERS
576 34 RD
2941-072-00-015

LEGEND

- MESA COUNTY SURVEY MONUMENT
- GRAND VALLEY DRAINAGE DISTRICT EASEMENT LINE
- SECTION LINE
- PROPERTY LINES PER MESA COUNTY PARCEL MAP

EDGE GRAVEL DRIVE

18" RCP

N

SCALE: 1"= 40'

0 20 40 80 120

SEE SHEET 1

SHEET 2

BLACKSHEAR DRAINAGE
BLACKSHEAR DRAIN

NW1/4 NW1/4 SECTION 7, T1S R2E, Ute Meridian
MESA COUNTY, COLORADO

KOCH

SURVEYED 8/5/92

GRAND VALLEY DRAINAGE DISTRICT
722 - 23 Road P.O. Box 969
Grand Junction, CO. 81502
(970) 242-4343

2941-072

Appendix C

Subsurface Utility Engineering Plans

(Attached Separately)