



ANNUAL JOINT MEETING
NEBRASKA CAPITOL ENVIRONS COMMISSION
AND
NEBRASKA CAPITOL COMMISSION
AGENDA

Revised 11/12/2021

Thursday 18, 2021

Hearing Room 1507

10:00 a.m.

- 1. Call to Order..... Environs Commission Chair Johnson
2. Roll Call.....Capitol Commission Clerk, Noelle Pinneo
3. *Review / Approval of Minutes— December 10, 2020.....Capitol Commission Chair
4. Public Comment for Items Not Listed on the Agenda
5. New Business
A. Capitol Environs Commission Annual Report.....Collin Christopher
B. Capitol Commission Annual Report.....Robert Ripley
C. Other Business from the Commissions
6. Adjourn

Next Meeting Date: Tuesday, November 15, 2022

*Action Item

**Annual Joint Meeting of
The Nebraska Capitol Commission
And
The Nebraska Capitol Environs Commission**

**Meeting Minutes
December 10, 2020**

1. Call to Order

Governor Ricketts called to order the annual joint meeting of the Nebraska Capitol Commission and the Nebraska Capitol Environs Commission at 10:00 a.m. on December 10, 2020 in Hearing Room 1113, First Floor in the Nebraska State Capitol, Lincoln, Nebraska. Governor Ricketts acknowledged the posting of the Open Meetings Act at the entrance to the room.

2. Roll Call

Nebraska Capitol Commission Members

Present:

Governor Ricketts
Speaker Scheer
Chief Justice Heavican
Thomas Sanderson
Bob Ripley (Non-Voting)

Absent:

Katherine Ankerson
Trevor Jones
Doug Carey
Trent Loos

Nebraska Capitol Environs Commission Members:

Present:

Kile Johnson
Mary Campbell
Heidi Cuca
Karen Nalow
Collin Christopher (Non-Voting)

Absent:

Delonte Johnson
Ann Post
David Quade
Lynn Johnson (Non-Voting)

3. Review / Approval of the November 21, 2019 Meeting Minutes

Governor Ricketts asked if there was any discussion or corrections to the minutes. There being none, Governor Ricketts asked for a motion to approve the November 21, 2019 meeting minutes. Kile Johnson MOVED to approve the minutes. Speaker Scheer SECONDED the motion.

The Governor abstained from voting as he was not present at the November 21, 2019 meeting. The motion PASSED with a majority of the those voting (7 Ayes, 7 Absent, 1 Abstain).

4. Public Comment for Items Not Listed on the Agenda

There was no public comment.

5. New Business

A. Capitol Environs Commission Annual Report

Collin Christopher provided commission members with copies of the Capitol Environs draft annual report. He began his summary by noting that all seven Environs Commission members have remained the same over the past year and explained the addition of an ex-officio, non-voting member which is represented by the Capitol Administrator.

Mr. Christopher gave a brief review of the key projects from the year 2020:

- The commission approved a plan to demolish the existing house at 1515 F Street and build a new four-story structure with one dwelling unit per floor. Each unit will have a recessed balcony/porch that faces the Capitol.
- The City's LTU Department proposed a residential street rehab project for Lincoln Mall, 14th Street and Goodhue Boulevard which was not approved due to the City's plan to remove decorative paving. The City was asked to redesign and submit the proposal again.
- The commission recommended the rezoning of several city-owned J Street properties which lay groundwork for future redevelopment in the area.
- A law enforcement memorial has been approved to be placed in front of the Hall of Justice. The memorial will honor officers from the Lincoln Police Department and Lancaster County Sheriff's Office who have died in the line of duty.
- A remodel project was approved for Sky Park Manor which is listed on the National Register of Historic Places.
- The commission received a presentation for the Pershing block redevelopment project. The plan includes demolishing the existing Pershing Center and redeveloping the block to include a public library, wellness center, affordable housing, and a community greenspace.

At the request of Speaker Scheer, there was some discussion regarding how all the proposed components of the redevelopment of the Pershing block will fit within the one block space.

B. Capitol Commission Annual Report

Mr. Ripley expressed his gratitude to Roxanne Smith who writes, designs and prints the annual report for the Capitol Commission. He then gave a review of the programs and projects described in the report (attached) which include:

- The Office of the Capitol Commission response to the COVID-19 pandemic
- Building Conservation
- Maintenance and Preventative Maintenance
- Capitol Custodial
- Capitol Tours and Special Events
- Capitol Collections
- Grounds Maintenance

Ms. Campbell inquired about revenue generated from the rental of space in the Capitol. Mr. Ripley explained the policy regarding special events in the Capitol stating that there is no fee. The organization holding an event must be a statewide organization and a non-profit. After those two criteria are met, the approval of an event depends on the availability of space with State events taking precedence.

At the request of Governor Ricketts there was some discussion regarding the cost of repairs to the building due to vandalism from summer demonstrations.

C. Other Business from the Commission

There was no previous business from the commission.

6. Adjourn

There being no further business Governor Ricketts asked for a motion to adjourn the meeting. Kile Johnson MOVED to adjourn the meeting. Speaker Scheer SECONDED the motion.

The motion PASSED with a unanimous vote of the members present (8 Ayes, 7 Absent).

The meeting was adjourned at 10:40 a.m.

APPROVAL OF MINUTES

Minutes prepared 12/29/2020

Noelle Pinneo, Clerk of the Capitol Commission
Office of the Capitol Commission

Minutes approved _____

DRAFT



DRAFT

Nebraska Capitol Environs Commission

2021 Annual Report





NEBRASKA CAPITOL ENVIRONS COMMISSION

COMMISSION MEMBERS

Kile Johnson, Chair
Karen Nalow
Mary Campbell
Heidi Cuca
Delonte Johnson
Ann Post
David Quade

EX OFFICIO MEMBERS

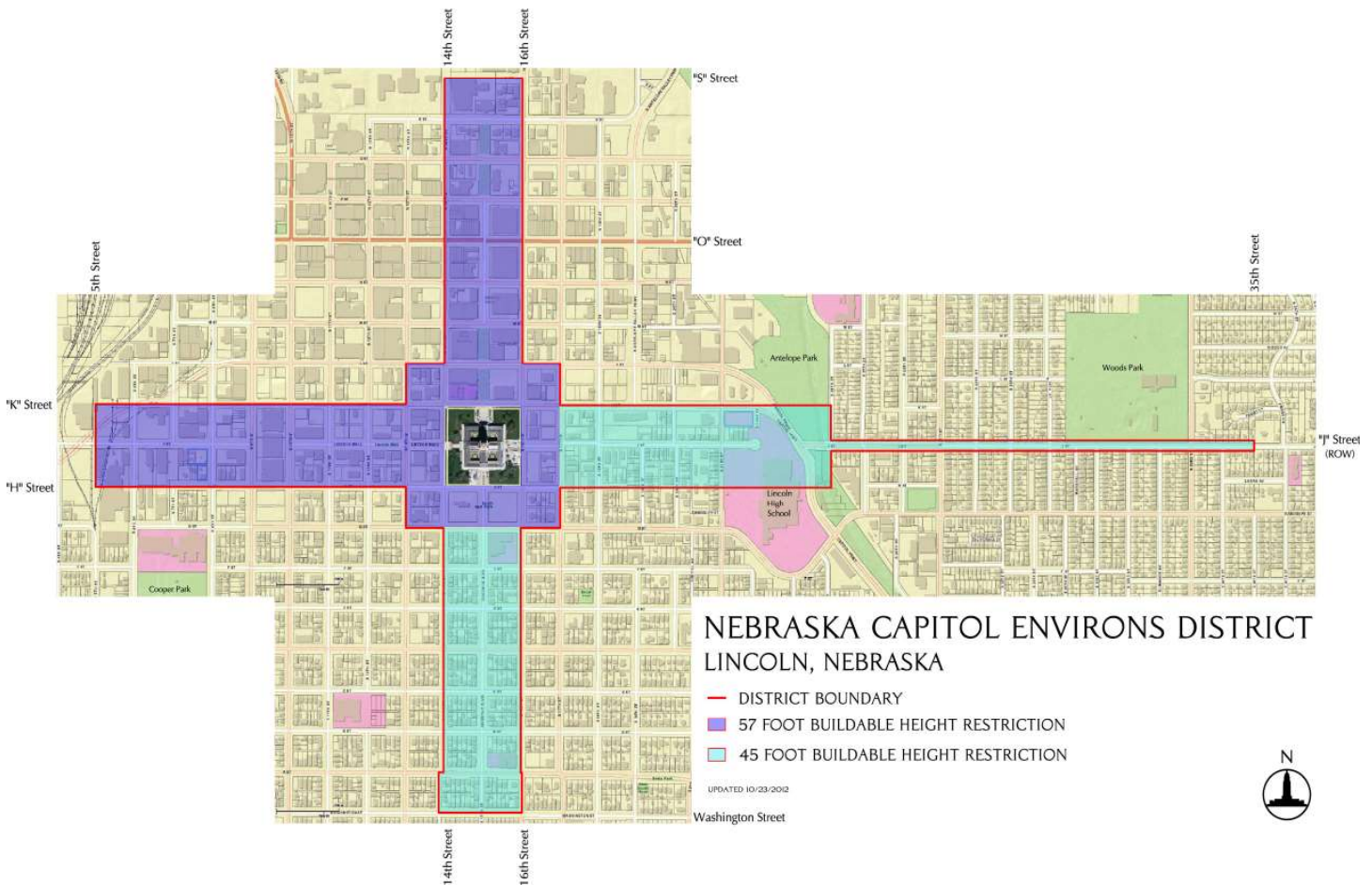
David Cary, Lincoln/Lancaster County Planning Department
Lynn Johnson, Lincoln Parks and Recreation
Michelle Potts, State Building Division, Nebraska Department of Administrative Services
Bob Ripley, Office of the Nebraska Capitol Commission

PLANNING DEPARTMENT STAFF

Collin Christopher
Teresa McKinstry

APPROVED

The Nebraska Capitol Environs Commission approved this Annual Report on TBD.



The Nebraska State Capitol, designed by architect Bertram Grosvenor Goodhue in 1920 and built for the people of Nebraska between 1922 and 1932, is a National Historic Landmark and an aesthetic and historic treasure of our state. The purposes of the Nebraska Capitol Environs Commission ("the Commission") are to maintain and enhance a dignified setting for the State Capitol, to encourage appropriate public and private improvements within the Capitol Environs District ("the District"), and to protect vistas to the Capitol which extend the impact and inspiration of the building throughout the city and the surrounding countryside.

Background

The Nebraska Capitol Environs Commission was established in 1988 to strengthen existing protections for the setting of Nebraska's landmark State Capitol. The Commission's voting membership of seven citizen volunteers includes five members appointed by the City of Lincoln and two appointed by the State of Nebraska.

In 2021, the Commission remained unchanged from the previous year, with Kile Johnson serving as chair, and Karen Nalow, Mary Campbell, Heidi Cuca, Delonte Johnson, Ann Post and David Quade continuing as members. The seven appointed citizen members are joined by four ex officio members – the Director of the Lincoln/Lancaster County Planning Department or their designee (David Cary), the Director of Lincoln

Parks and Recreation or their designee (Lynn Johnson), the Director of Nebraska Department of Administrative Services or their designee (Michelle Potts - State Building Division Director), and the Office of the Nebraska Capitol Commission's Capitol Administrator or their designee (Bob Ripley). Staffing is provided by the Lincoln/Lancaster County Planning Department, including planner Collin Christopher and administrative assistant Teresa McKinstry.

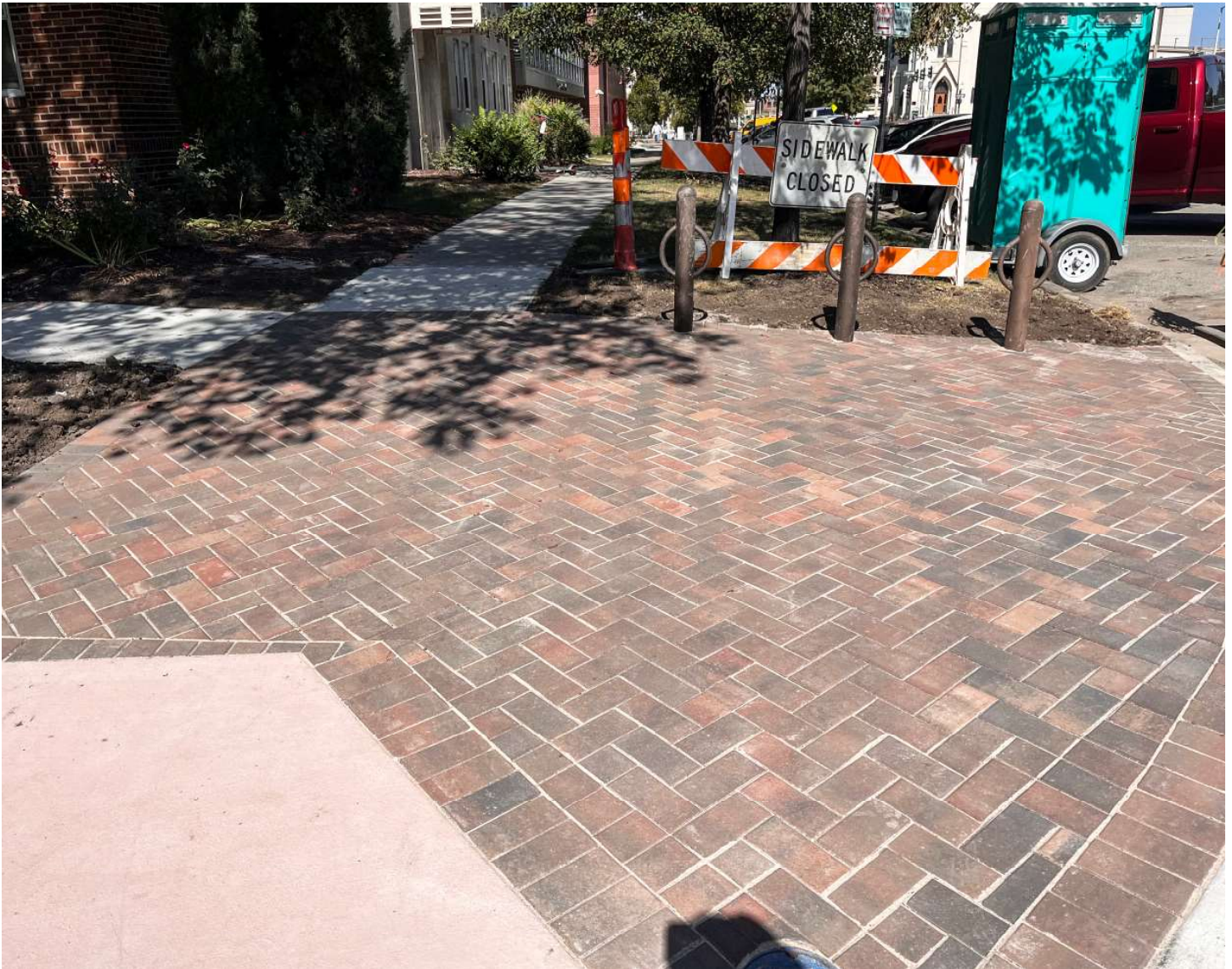
The Commission is required to meet at least quarterly by Section 27.56.060 of the Lincoln Municipal Code. The Commission met eight times in 2021.

Project Reviews

The Commission reviewed a number of interesting projects in the Capitol Environs District in 2021:

Residential Street Rehab Project - Kicking off the new year in January, the Commission reviewed and approved a residential street rehab project being proposed by the City's Transportation and Utilities Department for Lincoln Mall, 14th Street, and Goodhue Boulevard. The project had previously been reviewed by the Commission in June of 2020, at which time they directed LTU to revise their plans to preserve the decorative paving at the pedestrian nodes along Lincoln Mall. The revised plans presented in January did just that, and construction commenced in August and wrapped up in October.

Dr. Susan La Flesche Picotte Sculpture - In February and March, the Commission approved a plaque and portrait sculpture of Dr. Susan La Flesche Picotte to be located on the east side of the L to M block of Centennial Mall. Dr. La Flesche Picotte was a member of the Omaha Tribe, and the first Native American woman in America to become a doctor. She raised funds to build a hospital in Walt Hill, NE to provide medical services to Native Americans and other Nebraskans. The sculpture was funded through a private donation, and created by sculptor Benjamin Victor. Victor is also responsible for the "Standing Bear, Chief of the Ponca" sculpture on Centennial Mall. On October 11th, Lincoln celebrated Indigenous Peoples' Day with the unveiling of the sculpture.



As part of the residential street rehab project along Lincoln Mall, contractors restored the decorative paving nodes at each intersection back to their original design, per the direction of the Commission. The result is perfect example of how the Commission's oversight can positively impact the built environment within the Capitol Environs.



On October 11th, the Dr. Susan La Flesche Picotte sculpture was unveiled as part of the celebration of Indigenous Peoples' Day. The sculpture was created by Ben Victor, who is also the artist responsible for the Chief Standing Bear piece on Centennial Mall. The natural limestone pedestal that the sculpture stands on is meant to mimic a stone outcrop.

1526 K Street Plaque - March also saw the approval of a new pedestal and plaque in front of the DAS building at 1526 K Street. The building, which the State of Nebraska purchased from Assurity in 2007, is the home of "The Protecting Hand" sculpture. Located on the building's south façade above its entrance, the sculpture by artist Lawrence Tenney Stevens was completed and dedicated in 1955. The new plaque honoring the sculpture reads as follows:

The Protecting Hand sculpture, created by artist Lawrence Tenney Stevens, was dedicated on October 6, 1955 on the façade of the late Woodmen Accident and Life Company building located at 1526 K Street. The sculpture weighs in at roughly 200 tons and was sculpted out of the same Indiana limestone used to construct the Nebraska State Capitol. The artwork was sculpted to represent support of the family circle by nestling six family members into one palm.

In 2007 the building was purchased by the State of Nebraska and was later dedicated as the First Nebraska Administrative Building, to honor the First

Nebraska Infantry Regiment that fought heroically in the Civil War. This plaque was dedicated in 2021 with the support from Assurity Life Insurance.

2 Landmark Centre - In March and April, the Commission approved NEBCO's plans to demolish and redevelop a portion of the block bounded by Lincoln Mall, H Street, 11th Street and 12th Street. The plan for redevelopment is to construct an office building similar to NEBCO's two Landmark buildings on the north side of Lincoln Mall.

South of Downtown PUD - The Commission also provided an advisory review in April and May of the South of Downtown PUD and the associated O-1 text amendment. The PUD and the text amendment aim to provide added land use flexibility in the South of Downtown area, and the Commission had a great discussion that helped propel both efforts toward approval by the City Council.

McPhee Elementary Sign - A new sign in front of McPhee Elementary was approved by the Commission in May.



1320 Lincoln Mall - In August, the Commission approved exterior improvements at 1320 Lincoln Mall being proposed as part of a larger renovation of the office building.

1843 K Street Outdoor Play Area - Also in August, the Commission approved an outdoor play area at 1843 K Street designed to include art easels, musical instruments, seating, sandbox, child building materials, and plantings conducive to children's learning in an outdoor environment.

Pershing Center Demolition - In September, the City's Urban Development Department requested and received a certificate of appropriateness for the demolition of the Pershing Center on Centennial Mall. Plans for redevelopment of the block include a private development component consisting of affordable housing, a wellness center, and retail. It is anticipated that the Commission will be reviewing schematic designs for this portion of the block in early 2022.

Redevelopment plans also anticipate the construction of a new central library on the block, which will likely come forward for review in the summer of 2022.

Text Amendments

2021 also included another update to the Capitol Environs Design Standards. This change dates back to August of 2020, when the Commission approved a Law Enforcement Memorial in front of the Hall of Justice. While the Commission fully supported the proposal, they expressed a desire to have more definitive standards for monuments and memorials along Lincoln and Centennial Malls. Over the course of several meetings in 2021, the Commission discussed and ultimately recommended approval of the added standards. Those standards were sent to and approved by the City Council in September.

Looking Ahead

Looking ahead, the redevelopment picture for the Pershing block should start to come into focus in 2022, and the Commission will be asked to play a major role in pushing this catalyst project forward. Beyond Pershing, there are a handful of other significant redevelopment projects in the Capitol Environs District that are in the early planning stages. Each could serve to bring additional reinvestment and activity to the District.



Lincoln Mall saw examples of both public and private reinvestment in 2021, including the proposed rehab of the office building at 1320 Lincoln Mall.



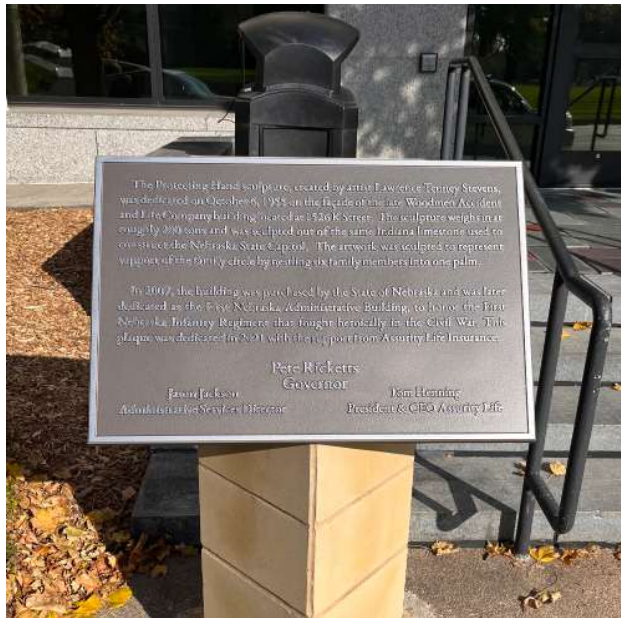
Construction Underway at 2 Landmark Centre on Lincoln Mall



Law Enforcement Memorial in Front of Hall of Justice (Approved in August 2020)



1526 K Street Plaque for "The Protecting Hand" Sculpture





NEBRASKA CAPITOL ENVIRONS COMMISSION

2021 ANNUAL REPORT



NEBRASKA CAPITOL ENVIRONS COMMISSION

The Nebraska Capitol Environs Commission will hold a meeting on **Thursday, November 18th, 2021**. The meeting will convene at **11:00 a.m.** in Hearing Room 1510 on the 1st Floor of the **Nebraska State Capitol**, 1445 K Street, Lincoln, Nebraska.

For more information, please contact the Lincoln/Lancaster County Planning Department at 402-441-7491.

AGENDA

November 18, 2021

1. Approval of meeting record of [September 24, 2021](#)

Public Hearing & Action

* [Memo](#) from Collin Christopher

2. Exterior work at [501 S 14th Street](#) (*State Building Division and the Office of the Chief Information Officer; UDR21091*)

Discussion

3. [LTU water main replacement projects](#) update
4. Staff updates & miscellaneous

Accommodation Notice

The City of Lincoln complies with Title VI of the Civil Rights Act of 1964 and Section 504 of the Rehabilitation Act of 1973 guidelines. Ensuring the public's access to and participation in public meetings is a priority for the City of Lincoln. In the event you are in need of a reasonable accommodation in order to attend or participate in a public meeting conducted by the City of Lincoln, please contact the Director of Equity and Diversity, Lincoln Commission on Human Rights, at 402-441-7624 as soon as possible before the scheduled meeting date in order to make your request.

<https://linclanc.sharepoint.com/sites/PlanningDept-Boards/Shared Documents/Boards/NCEC/Agendas/2021/111821.docx>

MEETING RECORD

Advanced public notice of the Nebraska Capitol Environs Commission meeting was posted on the County-City bulletin board and the Planning Department's website. In addition, a public notice was emailed to the Lincoln Journal Star for publication on Wednesday, September 15, 2021.

NAME OF GROUP: NEBRASKA CAPITOL ENVIRONS COMMISSION

DATE, TIME AND PLACE OF MEETING: Friday, September 24, 2021, 8:30 a.m., City Council Chambers, County-City Building, 555 S. 10th Street, Lincoln, Nebraska.

MEMBERS IN ATTENDANCE: Mary Campbell, Heidi Cuca, Delonte Johnson, Kile Johnson, Ann Post and Dennis Quade; Karen Nalow absent.

OTHERS IN ATTENDANCE: David Cary, Paul Barnes, Collin Christopher and Teresa McKinstry of the Planning Department; Bob Ripley and Matt Hansen with Nebraska Capitol Commission; Dan Marvin, Dallas McGee and Hallie Salem from Urban Development Dept.; Pat Leach from Lincoln City Libraries; J.J. Yost from Parks & Recreation; Ryan Reed from Nebraska State Historic Preservation Office; and other interested parties.

STATED PURPOSE OF MEETING: Nebraska Capitol Environs Commission Meeting

Chair Kile Johnson called the meeting to order and acknowledged the posting of the Open Meetings Act in the room.

K. Johnson then called for a motion approving the minutes of the regular meeting held August 27, 2021. Motion for approval made by Campbell, seconded by Cuca and carried 6-0: Campbell, Cuca, D. Johnson, K. Johnson, Post and Quade voting 'yes'; Nalow absent.

DEMOLITION AT 220 CENTENNIAL MALL

PUBLIC HEARING:

September 24, 2021

Members present: Campbell, Cuca, D. Johnson, K. Johnson, Post and Quade; Nalow absent.

Collin Christopher introduced the item by stating that the Pershing Center is not a historic landmark, but the site has a lot of history behind it. The topic of demolition Pershing was taken to Historic Preservation Commission last week for comment. Their comments were distributed

to Capitol Environs Commissioners. Staff also distributed a letter from the Preservation Association of Lincoln (PAL) and their correspondence with Mayor Leirion Gaylor Baird. Staff is here today from Urban Development and Lincoln City Libraries to provide the Commission background on the redevelopment process for the block. In addition, Ryan Reed from the Nebraska State Historic Preservation Office is also in attendance for today's meeting. He has been responsible for documenting the site.

Dan Marvin started the presentation by stating that he wanted to go over everything that has happened on the site in the last fifteen years. Looking back to the 2005 Downtown Master Plan, Dallas McGee said that Pershing was a major focus of that plan. It suggested that if the City built an arena someday, it should be built in the railyard. Marvin then stated that the Pershing Adaptive Reuse and Site (PARS) Study from 2009 looked at the building and its possible reuse. When they did surveys as part of that study, they found that 67 percent of stakeholders leaned toward not keeping the building. McGee showed a picture of the mural. He said there has been a lot of discussion about the mural and its condition. There is a lot of cracking when you look at it closely. Marvin stated that the mural is made of 763,000 pieces of tile in a 1.5-inch concrete bed with grout, set inside a steel channel frame. The PARS Study looked at a variety of options. They asked engineers years ago about the cost to remove the mural. It was estimated at around \$1.54 million, which would equate to roughly \$2 million in today's dollars. McGee stated that in 2012, the City received three proposals for reuse, none of which were accepted. Marvin stated that the City went through a master planning process for downtown again in 2018. The Pershing block was looked at. McGee noted that a key item of that plan was the identification of several catalyst projects. Marvin stated that the top five were the redevelopment of Pershing, enhancement of the 'O' Street streetscape, the development of greenways on 'M' Street and 11th Street, the creation of a local music district, and the realization of a public park in the South Haymarket. There have been ongoing discussions with city staff about all of these projects. McGee noted it was decided in 2020 to issue another invitation for redevelopment proposals for the Pershing block. White Lotus Group's proposal was selected from the submittals received. Marvin added that of all the proposals they received, none were reusing the building. All of them assumed the building would come down.

Bob Ripley inquired if that option was offered as a possibility. Marvin responded yes. Given the option, they received no proposals that would have kept the building.

McGee continued that a selection committee was formed and proposals were analyzed. Marvin stated that one element that led the group to believe that White Lotus Group was an appropriate choice was that their proposal most closely resembled one of the options suggested in the Downtown Master Plan. McGee showed the conceptual site plan proposed by White Lotus Group, and said that a part of the site will be developed for low and moderate income housing, approximately 100 units.

Pat Leach came forward. She wanted to stress that she appreciates being part of a public/private partnership. The library's interest in Pershing goes back a ways. In 2005, the library took interest in Pershing as a central library. They have continued with a variety of studies. In 2012, a Vision and Concepts study was completed which included a review of potential sites. At that time, Pershing rose to the top. The library submitted a proposal, but it was not accepted. In 2020, the library was included as a major portion of the site in the WLG proposal. They are working in cooperation with WLG for developing the library portion. The library board recently approved a contract with BVH Architecture to create a schematic design for the library. There is the potential for a bond vote next year to finance the project.

Marvin stated that they have a path forward. They have gone to Planning Commission and City Council with a plan amendment and change of zone. They held a discussion with Historic Preservation Commission regarding demolition of the building. They are working on a redevelopment agreement with WLG that they hope to take to City Council late this year or early next year. There is design work going on with the library and WLG. When they have design plans for the block's redevelopment, they will be back before this group and will invite comments and input on the design. Then they would like to be able to go to the voters and ask for a general obligation bond that would help build the library. From there, construction could happen pretty quickly.

Post inquired how long the applicant foresees this taking. Marvin has been negotiating with WLG for some time. They have scheduled in the ability to bring a redevelopment agreement to the City Council by late this year or early next year. They will build a low income housing project on the site. They are working with NIFA (Nebraska Investment Finance Authority) on tax credits. Leach is working on the design concurrently. Post wondered when the bond issue might happen. Marvin hopes that would be before the public next year. He thinks the timeline they are on doesn't eliminate the possibility of having the bond for a vote in 2022.

K. Johnson asked how this would change if the bond didn't pass. Marvin responded that question came up at Historic Preservation Commission. They have discussed a private sector project with defined property lines and a public sector project with defined property lines. The split is around 60/40. They would be forced to reexamine how a library might fit into the block's redevelopment if the bond failed.

Campbell wondered who bears the cost of demolition. Would this be a shared cost of the City and WLG? Marvin stated there have been discussions with the developer that the demo cost could be split 60/40. Campbell asked if there are any estimates of those costs. Marvin stated all they have at this point is an old estimate. Benesch is working to get an estimate of the asbestos removal cost. They are going to get an assessment of the most appropriate way to demolish the building. After that, they can go out and get bids. The previous estimate was around \$2 million. Campbell inquired if there is any cost today of the building sitting there empty. Marvin noted

there was substantial cost to keep the building running and maintained for a few years. The last concert there took place in August of 2014. It hasn't been actively used since then. He knows that City Council had been approving money to keep the building secure. Those costs were quite high. In 2012, it became apparent the building was not seeing an active interest in being reused. There was a decision to take a bare bones approach to maintenance. That has resulted in savings but a more rapid deterioration of the building. The roof is in bad shape and leaking. It is hard to justify maintenance costs for a building that there wasn't any interest in reusing. Campbell asked if there are any other issues with the building. Marvin doesn't believe there are any other issues. You need to sign a waiver and wear a hazmat suit just to go into the building. He can imagine some level of people parking over there, but he doesn't think that is an issue.

K. Johnson stated that PAL (Preservation Association of Lincoln) and the Historic Preservation Commission submitted information and comments regarding Pershing. They both wondered about retaining parts of the building for the future. Marvin stated that the Mayor's Environmental Task Force discussed ways to handle demolition going forward. There are stones on the building that in any kind of demolition we would try to reuse as much as possible. There would be efforts in that regard. He doesn't know if there is a lot of disagreement with the bullet points in the PAL letter. There have been efforts to recognize that this was a public space and significant site for many years. Their letter is thoughtful. K. Johnson asked if those things can be protected in the demolition contract. Marvin answered there are ways we can maintain some of the stone and reuse it in a way that informs the public that a building was there before so there is a historical context. He believes the Mayor's interest would be in designing a demolition contract that would ask the contractor to take stock of what is there and what could be done with reuse. K. Johnson believes the mosaic wall has been digitally recorded.

Post inquired about the term 'work force housing'. Marvin thinks the accurate answer is that WLG will be applying for a four percent tax credit for low-income housing. He believes there is also a state credit they would be eligible for. There is a range they have to average to. He believes the term 'work force' is someone who is making above 60 percent median income. Some people might be closer to 80 percent. When WLG presented their plan, they talked about the needs for people who live and work in the downtown area. Downtown shouldn't be exclusively for people making a higher income.

Post wondered if we get past the bond issue and it passes, what is envisioned for the current Bennet Martin Library. Leach believes the process would be to surplus the property if it was no longer being used. If the City deemed it of no use, it would be put on the market. Post believes this presents the same challenges as Pershing. Leach noted this is a smaller site and it is within the Capitol Environs District. She believes there might be an interest in the site. Marvin believes that for a good building like Bennet Martin, it is possible there could be interest in a residential use. There may be ways to see how it could be repurposed.

K. Johnson sees underground parking in the new proposal. He asked how many stalls are proposed. Marvin has looked at how parking would be allocated. He believes that under the library there could be about 50 stalls. They could potentially work with the developer and there might be another 50-100 that would be available outside the footprint of the City library, on-site on the lot. Eagle Garage was purchased by the City and just rehabbed. There are opportunities for people to park there one block away. A long term parking garage on 'M' Street is planned. Post believes there is no required parking in this district. Marvin confirmed\ . B-4 zoning has no required parking.

Quade understands there is proposed parking under the WLG portion and the library. If the bond doesn't pass, would the garage be built under the library portion? Marvin stated there is a desire to create separation between the two buildings. If there is a pedestrian walkway envisioned, they could create easements between the two. They want the two buildings to be separate.

Bob Ripley wants to comment based on observation and constructive criticism. He is supportive of the idea of reusing the Pershing site, and thinks it is a great place for a future library to be located. For the last five to seven years, he has attended meetings on and off on the topic. Pershing is a 65-year-old building, but he has trouble tearing down a building that has the same materials as the State Capitol. It has the same limestone. He thinks we are deluding ourselves if we think a lot of it can be reused other than a few blocks for a public space. He heard a demolition cost of \$2 million five years ago. Covid-19 has added to the cost of construction by a minimum of ten percent, most likely 20 percent or higher. Hazardous materials may be in the building but whether we reuse it or it is torn down, abatement must be done. That is a cost either way. He is not surprised that a building that hasn't been occupied since 2014 that he knows of, is having problems with the roof. A building without human occupancy degrades faster than a building that is occupied with human activity. He has an issue with a building that has a clear span of 120-150 feet. You pay an enormous premium to build a building that has a relatively open volume. That is an asset of this building. The building has considerable value in terms of a sustainable asset. The energy and carbon footprint is an asset we can build on from this point forward. He believes looking at an adaptive reuse is still a valid consideration. We must maintain a high edge wall to this facility fronting Centennial Mall. To have a parapet that is at least the height of the current building would maintain an edge along the mall. In the context of Centennial Mall, it is important that an edge be maintained that represents an urban site. Whatever we do on this site, he is delighted the library will be the core function. He wants this to be an asset to the Capitol Environs district. Scale, surface and maintaining the edge closure that Pershing provides are critical elements. Great architecture springs from a knowing and demanding client. If we don't give a development company a direction to reuse the building, it is easier to tear it down. The high schools are being redeveloped. They are being reused because they are so well built. He believes requiring a developer to consider redevelopment is the only way this would work. Unless we demand reuse, we won't get a consideration. He believes Pershing still has a life to live if we give it a chance.

K. Johnson asked if Ripley is critical of the WLG proposal. Ripley responded he hasn't seen enough of it. The rendering looks low to him. He doesn't have enough sense of it to give a good answer. He believes that the edge of the mall site needs a significant vertical plane and some mass to enclose that edge. Quade sees from the diagram that it steps back. Ripley would propose diminishing this step back. He believes this is an urban site that deserves an urban scale building. Christopher added that this is why there are design standards, and the developer will be required to follow those. On every side, the buildings on this site will go to the edge. He believes they intend to go as close to the 57 foot height as possible. Quade hasn't seen a follow up proposal from when this was first presented. He believes the edge along Centennial Mall is proposed for 25-30 feet. Post reminded the commission that this application is for demolition, not design.

ACTION:

Post moved approval of demolition work, seconded by Campbell.

Post stated that this building has set vacant since 2014. She appreciates the desire to reuse the building but at this point there isn't a market for that. If we wait, it could sit vacant for another 20 years. People can't go in the building without a hazmat suit. It is a hazard. She sees the plan from WLG and applauds them. It is still a little conceptual at this point, and some pieces may change. She believes it is in everyone's best interest to preserve some elements of Pershing if possible. She sees this as the best use to demolish the building and redevelop the site.

Campbell agrees with Post. She sees the reuse as a glorified status quo when what we are looking at is some exciting things going forward. This is an important revitalization step for downtown.

Cuca concurs with Post and Campbell. She agrees with Ripley's comments, but it is time to move forward.

D. Johnson and Quade agreed with all comments made by the Commissioners.

K. Johnson stated agreement with all previous comments made. He loves the mosaic but is afraid it has gone beyond repair.

Post wanted to thank Ripley for his comments. She believes these other items can be considered when the project is being designed.

K. Johnson believes it will be appropriate to take a hard look at the new design.

Motion for approval carried 6-0: Campbell, Cuca, D. Johnson, K. Johnson, Post and Quade voting 'yes'; Nalow absent.

OTHER:

Christopher noted that for the November and December meetings, we deviate from the usual schedule. The joint meeting with the Nebraska Capitol Commission is on November 18, 2021 at 10:00 a.m. in the State Capitol. He hopes to have the regular Nebraska Capitol Environs Commission meet at the State Capitol after the joint meeting. He also noted that the December meeting being on December 17, 2021 due to the Christmas holiday.

There being no further business, the meeting was adjourned at 9:30 a.m.

<https://linclanc.sharepoint.com/sites/PlanningDept-Boards/Shared Documents/Boards/NCEC/Minutes/2021/092421.docx>

To: **Nebraska Capitol Environs Commission**
From: Collin Christopher
Re: Agenda for November 18, 2021
Date: November 12, 2021

Item 2: Exterior Work at 501/505 S 14th Street

The State Building Division is requesting a certificate of appropriateness for the placement of an antenna on the roof of the state-owned building at 501 S 14th Street. What follows is background provided by the State, explaining the need for the antenna:

Around 2008, the Nebraska State Radio System was deployed with our partner NPPD. This started with 55 radio towers across the State in the VHF band, and dispatch console systems at six NSP Troop dispatch locations and three NPPD dispatch locations. Since that time, we have added an additional 10 radio sites and added numerous county and local console systems and users.

In 2018 the City of Lincoln joined the system, bringing with them three 800Mhz tower sites to cover the City and Lancaster County geographic areas. The 800Mhz sites provided in-building radio coverage throughout the City, including many interior locations of the Capitol Building, NSOB, 1536K, and other State building assets. NSP Capitol Security and Executive Protection Detail rely on this coverage daily for the performance of their duties.

The City of Lincoln recently announced that they will be divesting from the State Radio system as soon as early Q1 of 2022, and as a result the 800Mhz coverage in the City of Lincoln will no longer be available to State users, including the 800Mhz in-building coverage in many State buildings. Some areas will still be covered by the existing and overlapping VHF tower sites, but many buildings have spotty coverage using only this band.

The purpose of this proposed project is to create an 800Mhz radio site in the immediate area of the State buildings' geographic area to provide the in-building radio coverage vital to the State agencies that rely on it. Since the Radio System controller infrastructure is housed in the 501 Datacenter, it presents an opportunity to place a radio site topographically close to the controller, on a building with generator and UPS power, and at a place that provides required coverage, within a very attractive budget. The only real physical addition required is the placement of an antenna structure on the building roof.

To that end, we would like to add the proposed antenna equipment on the roof, mounted to the existing supporting structure for the air handling unit. Cabling from the antennas would traverse the roof to an existing roof penetration near the roof hatch and follow a chase to the basement where the actual radio transceiver equipment will be housed.

The building at 501 S 14th Street has been on the Capitol Environs Commission's radar over the years, given its prominent positioning on Capitol Square. In fact, the Design Standards specifically mention the building, as highlighted below:

Design Standard 11: Buildings on Capitol Square

The portion of the District facing the Capitol shall be maintained and improved as an area of top-quality but generally unobtrusive office, residential, and church buildings, with very well-designed and maintained landscape and streetscape elements. The area shall combine construction of first-class new buildings with the preservation of historic landmarks and scrupulous maintenance of all improvements.

Guideline 11.5:

Mechanical units, cooling towers, chimneys, fire towers, stage towers or scenery lofts, noncommercial radio towers or satellite "dishes," or water towers may be permitted atop buildings in the District (in excess of the 57-foot limit) provided they are set back at least fifteen feet from any face of the building, and are screened with permanent materials compatible with the materials of the principal facades of the building. **Addition of such screening on the State's building at 501 S. 14th St. is a goal of the Commission.**

While the addition of a radio antenna atop this building would appear to be allowed per Guideline 11.5, it must also be set back fifteen feet from the building façade and properly screened. ***The proposed antenna does appear to meet the setback requirement, but neither the existing mechanical equipment nor the proposed antenna are being screened per the guideline.***

It is worth noting that in May of this year, Scott Gatewood of DLR presented to the Commission the State's plans to remove visible rooftop equipment by modernizing the building's mechanical structure in the coming years. Given that discussion and the fact that this proposal appears to represent a step in the opposite direction, it may be worthwhile for the Commission to revisit this topic with the State to understand where the current timeline stands for these upgrades and how the proposed antenna would be impacted. It may also be of interest to the Commission to understand if the State has explored alternative locations for the proposed antenna and whether any of those alternatives are feasible.

Even if the Commission determined that the proposal does not meet the Design Standards, it could be argued that a certificate of "exception on grounds of hardship" can be issued if the Commission believes that the City's actions have created the unique circumstances that led to this proposal. Below is the language from Chapter 27 of the Lincoln Municipal Code, explaining when a such a certificate is appropriate.

27.56.120 Certificate; Approval or Denial.

Within forty-five days of the hearing, the Nebraska Capitol Environs Commission shall approve or deny the application. The Commission may:

- a. Issue a certificate of "appropriateness" after adopting a finding that the proposed work meets the Standards and would not unduly hinder the protection, enhancement, perpetuation, and use of the Capitol Environs District;
- b. **Issue a certificate of "exception on grounds of hardship" after adopting a finding that refusal to issue the certificate would create an extreme hardship on the applicant, and that the plight of the applicant is due to unique circumstances, and that the potential hardship is the result of the application of the ordinance and is not the result of any act or omission by the applicant;**
- c. Refuse to issue a certificate, after adopting a finding that the application is not consistent with the purpose of this ordinance and of the Standards, and does not meet any of the above criteria.

The Nebraska Capitol Environs Commission's decision must be accompanied by written findings of fact. No change shall be made in the application for any building permit or in plans for other regulated work after issuance of a certificate by the Commission or the Commission Chair without resubmittal of the application and approval in the same manner as provided above. (Ord. [20446](#) §15; February 13, 2017; prior Ord. [16698](#) §3; November 14, 1994).

All and all, this is a difficult proposal to consider, balancing the State's need to maintain radio coverage for their buildings within the Capitol Environs District with the expectation that rooftop equipment around Capitol Square not interfere with views to the Capitol. And though the proposed antenna may not significantly interfere with

views to the Capitol on its own, it does add to a collection of equipment on this particular rooftop that has previously been targeted by the Commission for better screening.

Recommended Finding/Action: Rather than offering a recommended action, staff recommends that the Commission thoroughly discuss with the State their process for selecting this location, anticipated timelines for future improvements on this rooftop, and other concerns that they may have before considering the appropriate action.

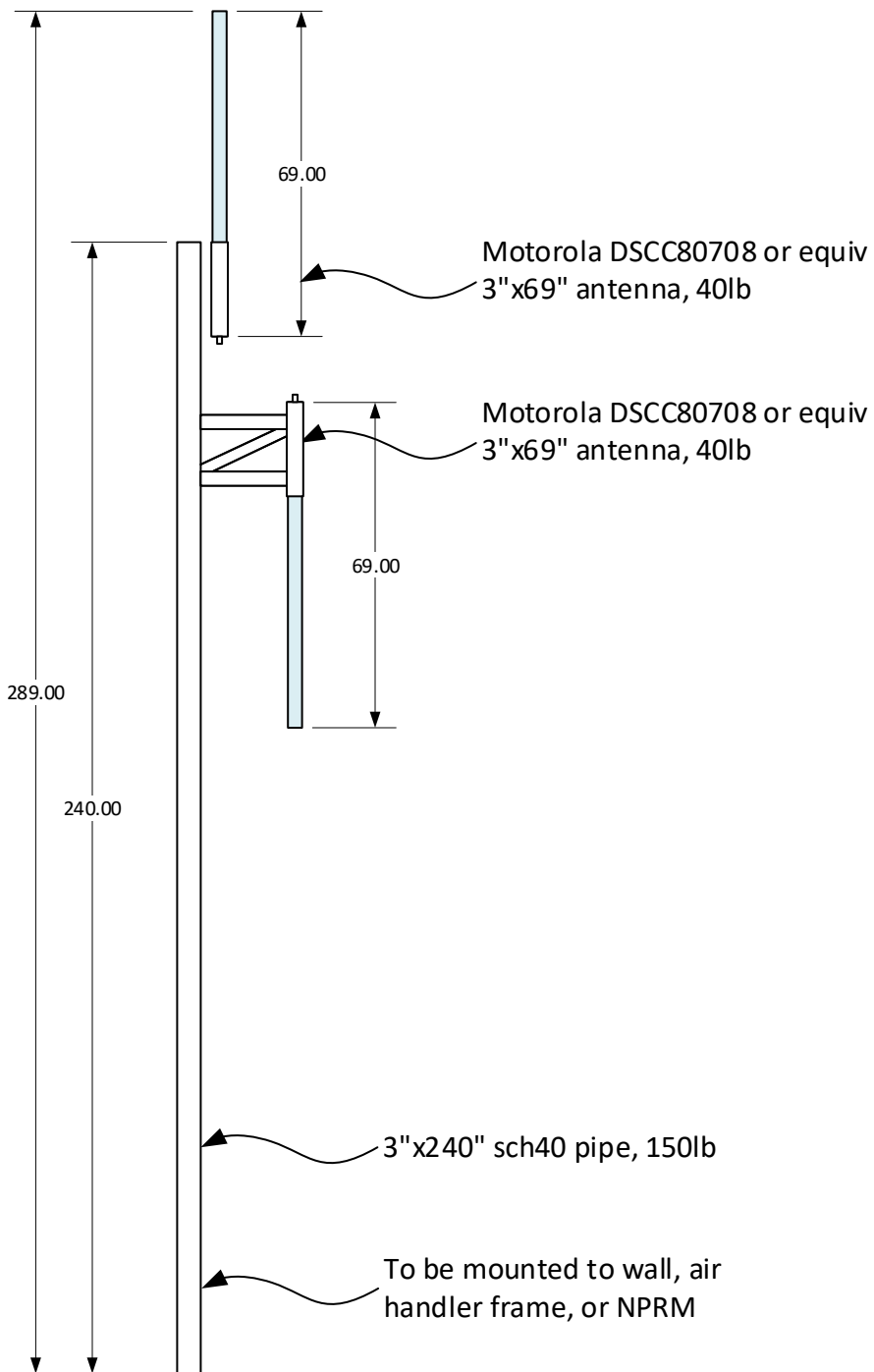


The above image offers a mocked-up look at the approximate location and scale of proposed antenna to be placed on the rooftop of 501 S 14th Street.

Item 3: LTU Water Main Replacement Projects Update

Lincoln Transportation and Utilities (LTU) is planning two water main replacement projects that will intersect the Capitol Environs District. LTU will be updating the Commission on each of these projects and their potential impacts on the District.

<https://linclanc.sharepoint.com/sites/PlanningDept-Boards/Shared Documents/Boards/NCEC/REPORTS/2021/11-November\2021novembermemo.docx>



CC807 Series

7/800 MHz Corporate Collinear Antennas

746-870 MHz



These industry leading PIM and PIP rated collinear arrays allow site operators to combine, with complete integrity, a large number of communications services into a single, low profile collinear antenna array.

The true corporate feed of these arrays maintains total pattern integrity over a very broad operating bandwidth, similar to that previously available only in exposed dipole configurations. This is now achieved in the preferred form factor of a fully enclosed fiberglass radome. The corporate collinears employ a unique corporate phasing system enabling precision control of the element placements ensuring phase purity resulting in exceptional bandwidth and electrical performance .

Gain is maximized and side lobes reduced dramatically. In a patent pending design approach the individual dipole elements including matching network are fabricated entirely of a flexible circuit board. The dipole elements are soldered to a brass support tube which is directly connected to the mounting tube and the lightning spike at the top of the antenna.

The result of this unique, incredibly strong design is:

- Peak Instantaneous Power rating (PIP) 25 kW
- Passive Intermodulation rating (PIM) -150 dBc
- High continuous power rating
- Extraordinary bandwidth characteristics with superior pattern control
- Field invertible (most models)



USA patent: 7,365,698

Australia patent: 2005904524

CC807 Series

7/800 MHz Corporate Collinear Antennas

746-870 MHz



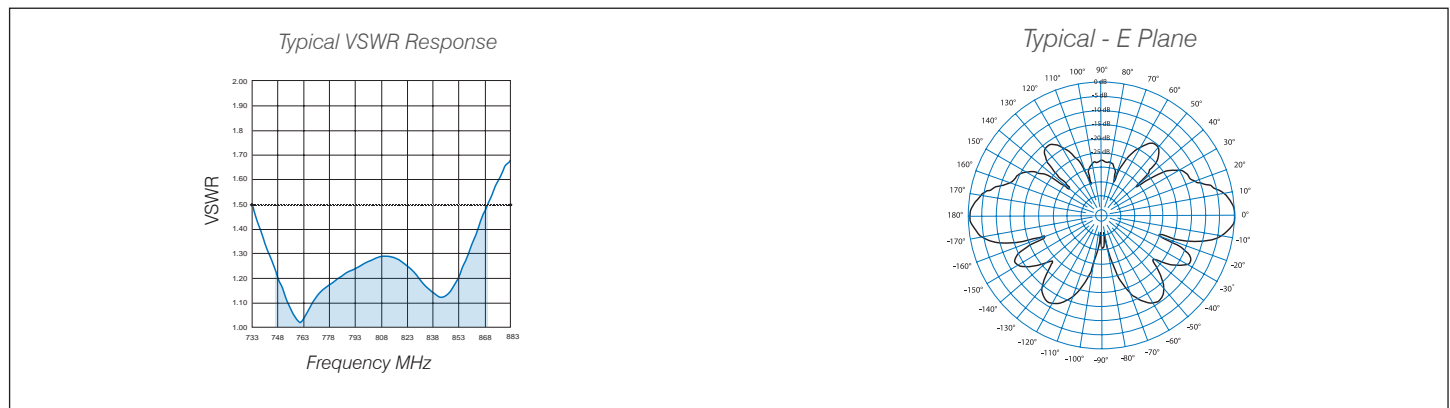
Electrical Specifications

Model Number	CC807-03	CC807-06	CC807-08	CC807-11
Nominal Gain <i>dBd</i> (<i>dBi</i>)	3 (5.1)	6 (8.1)	8 (10.1)	10.5 (12.6)
Frequency <i>MHz</i>	746 - 870			
Tuned Bandwidth <i>MHz</i>	124			
VSWR	<1.5 :1			
Nominal Impedance Ω	50			
Downtilt	N/A	0° Std - 5° (1)	0° Std - 5° (1)	0° Std - 5° (1)
Vertical Beamwidth°	28	17	9	4.5
Horizontal Beamwidth	Omni +/- 0.5dB			
Input Power <i>Watts</i>	250	500	500	500
Passive IM 3rd order (2x20W) <i>dBc</i>	-150			
Peak Instantaneous Power <i>kW</i>	25			

Mechanical Specifications

Model Number	CC807-03	CC807-06	CC807-08	CC807-11	
Construction	Composite fiberglass sky blue radome aluminum mounting tube				
Length <i>inches</i>	48	69	114	206	
Weight <i>lbs</i>	9	16	27	49	
Radome Diameter <i>inches</i>	3				
Shipping Weight <i>lbs</i>	18	25	40	88	
Shipping Dimensions <i>inches</i>	H	6			
	W	6			
	L	56	75	119	220
Termination	7/16" DIN fixed female				
Invertible Mounting	Yes (2)				
Suggested Clamps (not included)	UC1143				
Projected area <i>ft²</i>	No ice	0.9	1.4	2.5	4.9
	with ice	1.2	1.7	3.1	6.2
Lateral (Thrust) @ 100mph <i>lbs</i>	22	34	62	121	
Wind Gust Rating <i>mph</i>	>150				
Torque @ 100mph <i>ft-lbs</i>	15	54	205	761	

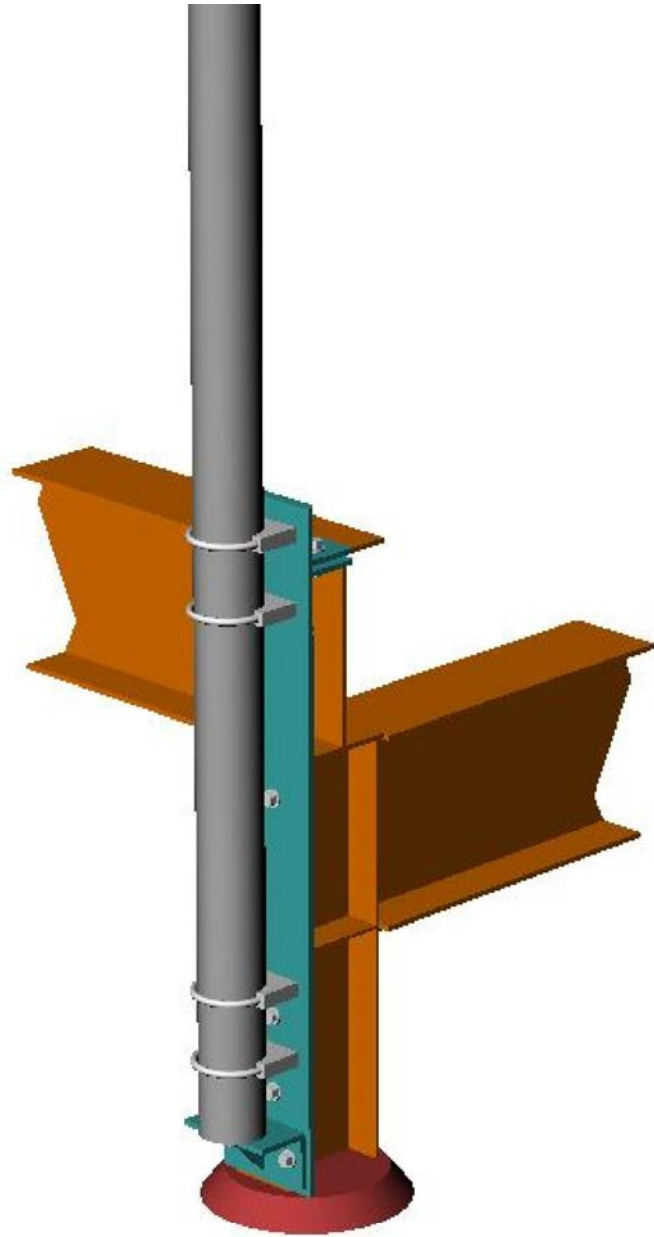
Note (1) Pre-set downtilt variations of 5 degrees are available in the following models CC807-08, CC807-11. Simply add -T5 at the end of the model being ordered. E.g. CC807-08-T5, CC807-11-T5
 (2) Downtilt versions can not be field inverted.



RFI
 2023 Case Parkway North
 Twinsburg, OH 44087
 Phone: 330 486 0706
 Fax: 330 486 0705

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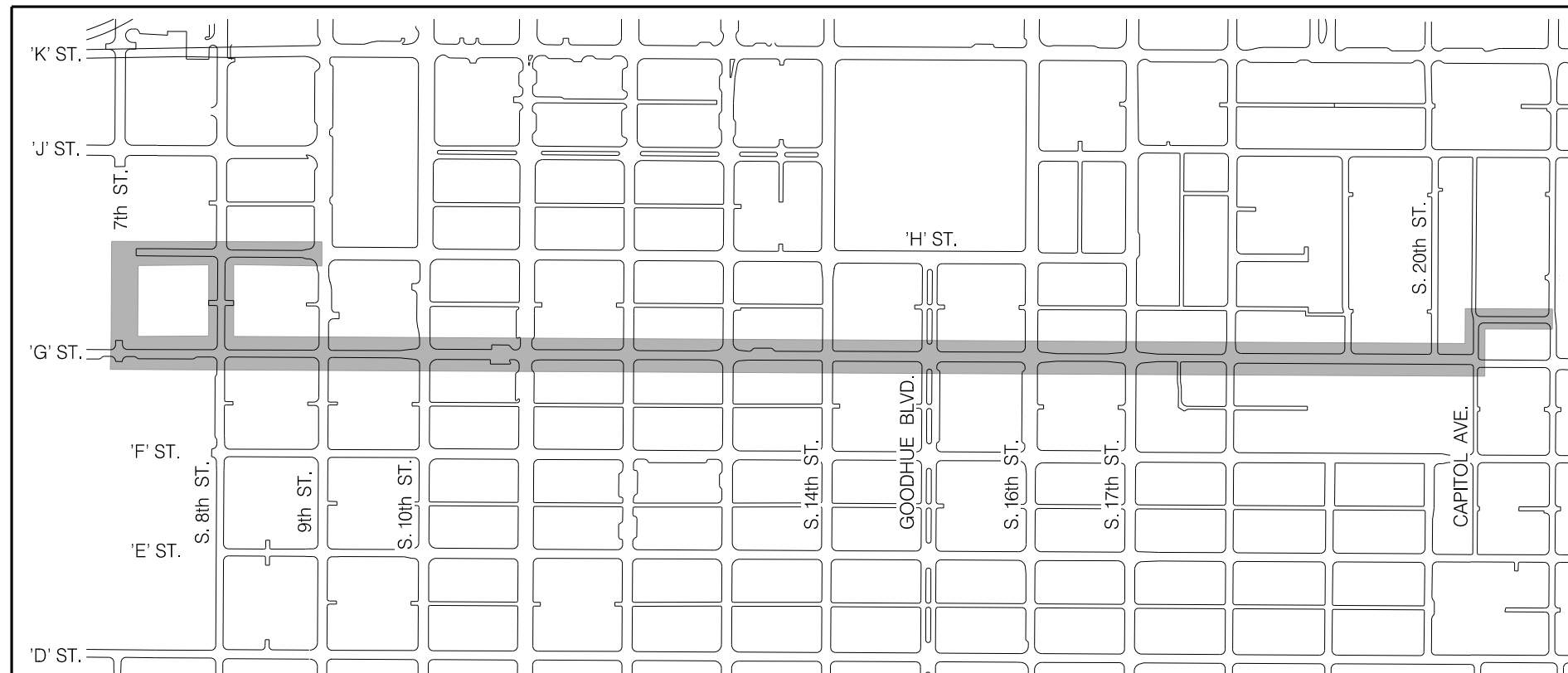
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	PROJECT NO.	SHEET NO.
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	Date: 9/20/2021	Drawn: JRD
	Horz. Scale: N.T.S.	Checked: CEA
		Approved: CEA

CITY OF LINCOLN, NE (2022)
 'G' ST; S. 7th ST. to CAPITOL AVE.
 'H' ST; S. 7th ST. to S. 9th ST.
 7th ST. & 8th ST; 'G' ST. to 'H' ST.

WATER MAIN REPLACEMENT PROJECT #702859

SHT NO.	SHEET INDEX
1	COVER
2	SUMMARY OF QUANTITIES AND GENERAL NOTES
3-4	HORIZONTAL AND VERTICAL CONTROL
5-27	WATER MAIN PLAN AND PROFILE
28	RIGHT-OF-WAY



PROJECT CONTACT

LINCOLN TRANSPORTATION AND UTILITIES
 PROJECT DELIVERY – DESIGN
 DESIGN ENGINEER
 949 WEST BOND ST; SUITE 200
 LINCOLN, NE 68521
 ATTN: CRAIG ALDRIDGE
 402-416-5349

LINCOLN TRANSPORTATION AND UTILITIES
 PROJECT DELIVERY – CONSTRUCTION
 CONSTRUCTION ENGINEER
 949 WEST BOND, SUITE 200
 LINCOLN, NE 68521
 ATTN: MARC ROSSO
 531-207-3244

LINCOLN TRANSPORTATION AND UTILITIES
 TRAFFIC ENGINEERING
 949 WEST BOND, SUITE 200.
 LINCOLN, NE 68521
 ATTN: DAN CARPENTER
 402-318-2080

LINCOLN TRANSPORTATION AND UTILITIES
 LINCOLN WATER SYSTEM
 SUPT. OF WATER DISTRIBUTION
 2021 N. 27TH ST.
 LINCOLN, NE 68503
 ATTN: DAVE BEYERSDORF
 402-441-5932

PRIOR TO CONSTRUCTION:

CALL : 1-800-331-5666 OR 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLEVISION AND CITY OF LINCOLN UTILITIES.

NOTE: EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION.



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 DGN: ..\General\702859.dwg

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	702859	3
Date: 9/20/2021	Drawn: JAD	
Horz. Scale: N.T.S.	Checked: CEA	
	Approved: CEA	

'H' ST. - PROJECT ☉

- ① P.O.B. STA. 100+00.00, ☉
N=202927.81, E=157551.75
- ② P.O.E. STA. 108+16.11, ☉
N=202923.79, E=158367.84

S. 7th ST. - PROJECT ☉

- ③ P.O.B. STA. 200+00.00, ☉
N=202527.37, E=157549.87
- ④ P.O.E. STA. 204+50.00, ☉
N=202977.36, E=157551.98

S. 8th ST. - PROJECT ☉

- ⑤ P.O.B. STA. 300+00.00, ☉
N=202525.43, E=157960.14
- ⑥ P.O.E. STA. 304+50.00, ☉
N=202975.43, E=157962.15

'G' ST. - PROJECT ☉

- ⑦ P.O.B. STA. 400+00.00, ☉
N=202527.50, E=157520.95

('G' ST. - PROJECT ☉ CONTINUED ON SHEET 4)

'H' ST. - 6" WATER MAIN

- ⑧ P.O.B. STA. 100+31.00, 15.69' LT.
N=202943.34, E=157582.82
- ⑨ P.I. STA. 100+50.31, 35.00' LT.
N=202962.56, E=157602.23
LINE DEFLECTS 45° 00' 00" RT.
- ⑩ P.I. STA. 107+52.64, 35.00' LT.
N=202959.10, E=158304.55
LINE DEFLECTS 90° 00' 00" RT.
- ⑪ P.I. STA. 107+52.64, 18.49' LT.
N=202942.58, E=158304.47
LINE DEFLECTS 90° 16' 57" LT.
- ⑫ P.O.E. STA. 107+56.04, 18.50' LT.
N=202942.58, E=158307.86

S. 7th ST. - 6" WATER MAIN

- ⑬ P.O.B. STA. 200+09.25, 31.00' RT.
N=202536.47, E=157580.91
- ⑭ P.O.E. STA. 204+16.12, 31.00' RT.
N=202943.34, E=157582.82

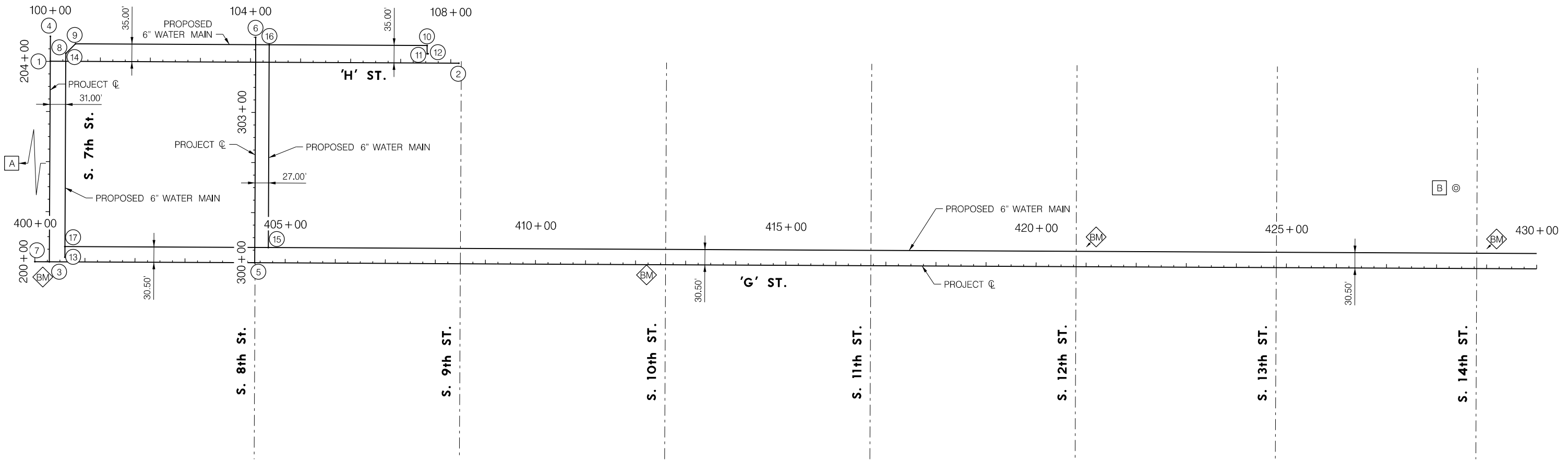
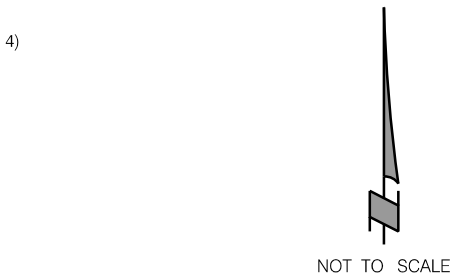
S. 8th ST. - 6" WATER MAIN

- ⑮ P.O.B. STA. 300+30.49, 27.00' RT.
N=202555.81, E=157987.28
- ⑯ P.O.E. STA. 304+35.34, 27.00' RT.
N=202960.65, E=157989.09

'G' ST. - 6" WATER MAIN

- ⑰ P.O.B. STA. 400+59.92, 30.50' LT.
N=202557.72, E=157581.01

('G' ST. - 6" WATER MAIN CONTINUED ON SHEET 4)



EXISTING MONUMENTS AND BENCHMARKS

A WEST 1/4 CORNER, SEC 26-T10N-R6E
 S. 1st STREET, SOUTH OF ROSA PARKS WAY
 N=202724.09
 E=155043.03
 ELEV=1149.1 (GPS)

B EAST 1/4 CORNER, SEC 26-T10N-R6E
 S. 14TH STREET, NORTH OF 'G' STREET
 N=202674.44
 E=160359.71
 ELEV=1186.0 (GPS)

BM S. 7th & 'G' ST.
 CHISELED SQUARE IN SW DRIVEWAY CURB
 N=202496.93
 E=157536.94
 ELEV=1161.51

BM S. 10th & 'G' ST.
 CHISELED SQUARE IN
 BACK OF CURB, SW-W RADIUS
 N=202501.20
 E=158742.40
 ELEV=1172.04

BM S. 12th & 'G' ST.
 CHISELED SQUARE IN
 BACK OF CURB, NE-N RADIUS
 N=202556.90
 E=159621.40
 ELEV=1177.13

BM S. 14th & 'G' ST.
 CHISELED SQUARE IN
 BACK OF CURB, NE-N RADIUS
 N=202552.90
 E=160421.30
 ELEV=1182.56



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	702859	4
Date: 9/20/2021	Drawn: JAD	
Horz. Scale: N.T.S.	Checked: CEA	
	Approved: CEA	

'G' ST. - PROJECT C

- ① P.I. STA. 454 + 74.70, 2.23' LT.
 N=202501.62, E=162996.02
 $\Delta = 33^\circ 35' 44''$
 R = 50.00'
 T = 15.09'
 L = 29.32'
 D = 114° 35' 30"
 P.C. STA. 454 + 60.04, C
 N=202501.77, E=162980.93
 P.R.C. STA. 454 + 89.36, C
 N=202493.13, E=163008.51
- ② P.I. STA. 455 + 04.32, 2.32' RT.
 N=202484.46, E=163021.26
 $\Delta = 34^\circ 17' 03''$
 R = 50.00'
 T = 15.42'
 L = 29.92'
 D = 114° 35' 30"
 P.R.C. STA. 454 + 89.36, C
 N=202493.13, E=163008.51
 P.T. STA. 455 + 19.28, C
 N=202484.49, E=163036.69
- ③ P.O.E. STA. 457 + 00.00, C
 N=202483.88, E=163217.41

CAPITOL AVE. - PROJECT C

- ④ P.O.B. STA. 500 + 00.00, C
 N=202493.13, E=163008.51
 - ⑤ P.O.E. STA. 501 + 96.73, C
 N=202689.86, E=163009.28
- RANDOLPH ST. - PROJECT C**
- ⑥ P.O.B. STA. 600 + 00.00, C
 N=202660.94, E=162990.98
 - ⑦ P.O.E. STA. 603 + 53.28, C
 N=202659.72, E=163344.25

'G' ST. - 6" WATER MAIN

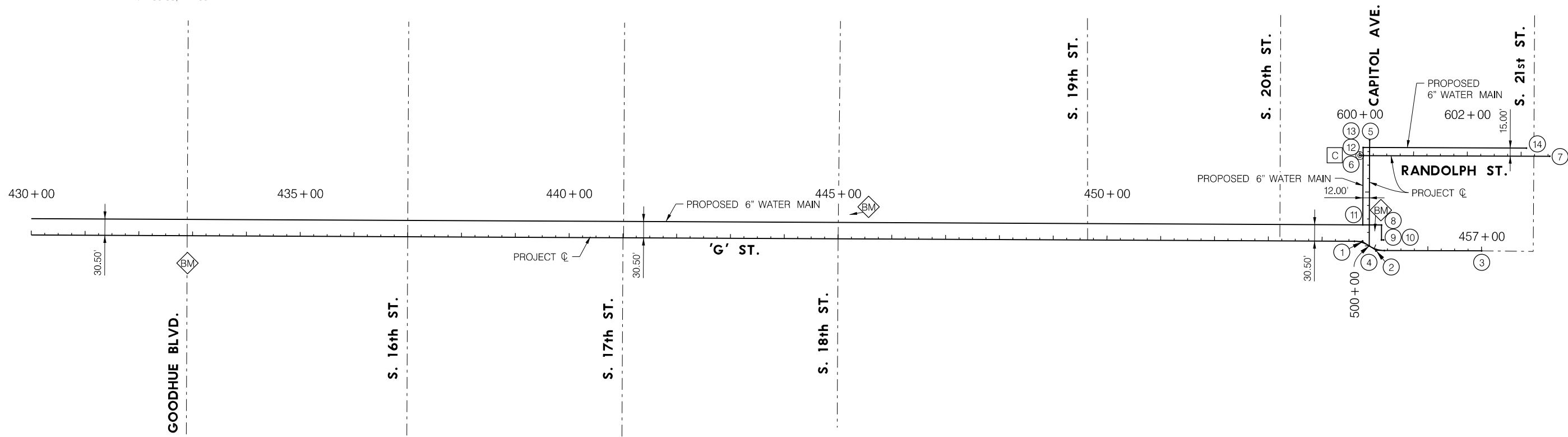
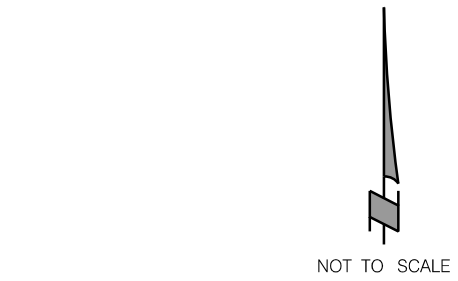
- ⑧ P.I. STA. 454 + 87.85, 45.13' LT.
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- ⑨ P.I. STA. 455 + 10.63, 19.26' LT.
 N=202504.20, E=163031.36
 LINE DEFLECTS 90° 11' 46" LT.
- ⑩ P.O.E. STA. 455 + 17.35, 19.69' LT.
 N=202504.20, E=163035.49

CAPITOL AVE. - 6" WATER MAIN

- ⑪ P.O.B. STA. 500 + 39.02, 12.00' LT.
 N=202532.20, E=162996.66
- ⑫ P.O.E. STA. 501 + 82.74, 12.00' LT.
 N=202675.92, E=162997.23

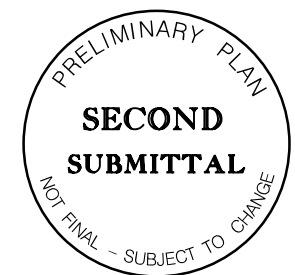
RANDOLPH ST. - 6" WATER MAIN

- ⑬ P.O.B. STA. 600 + 06.19, 15.00' LT.
 N=202675.92, E=162997.23
- ⑭ P.O.E. STA. 603 + 09.81, 15.00' LT.
 N=202674.87, E=163300.84



EXISTING MONUMENTS AND BENCHMARKS

- C** CENTER CORNER, SEC 25-T10N-R6E
 CAPITOL AVE. & RANDOLPH ST.
 N=202660.94
 E=162990.98
 ELEV=1167.15
- BM** GOODHUE BLVD. & 'G' ST.
 CHISELED SQUARE IN
 BACK OF CURB, SOUTH MEDIAN
 N=202461.20
 E=160810.80
 ELEV=1185.62
- BM** S. 18th & 'G' ST.
 CHISELED SQUARE IN
 BACK OF CURB, NE-N RADIUS
 N=202551.15
 E=162042.50
 ELEV=1181.78
- BM** CAPITOL AVE. & 'G' ST.
 CHISELED SQUARE IN
 BACK OF CURB, NE-N RADIUS
 N=202520.30
 E=163019.00
 ELEV=1167.98



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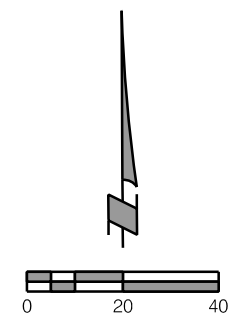
○ WATER MAIN					23.07004 - 23.07030
NO.	STATION TO STATION	SIDE	SIZE	LF	
1	100+31.00 - 105+00.00	LT.	6"	477	

○ DIRECTIONAL DRILLING FOR WATER MAIN					20.06106 - 20.06116
NO.	STATION TO STATION	SIDE	SIZE	LF	
2	100+34.19 - 100+48.33	LT.	6"	20	
3	101+09.51 - 104+29.51	LT.	6"	320	
4	104+47.04 - 105+00.00	LT.	6"	53	

○ RECONSTRUCT WATER SERVICE PIPE								23.11075 - 23.11901
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)	
5	711 'H' ST.	GALV/COP	1 EA.	0.75"		17		
6	721 'H' ST.	COPPER	1 EA.	0.75"		17		
7	729 'H' ST.	COPPER	1 EA.	1"		17		
8	740 'H' ST.	COPPER	1 EA.	1"	1	5		
9	800 'H' ST.	COPPER	1 EA.	1"	1	5		

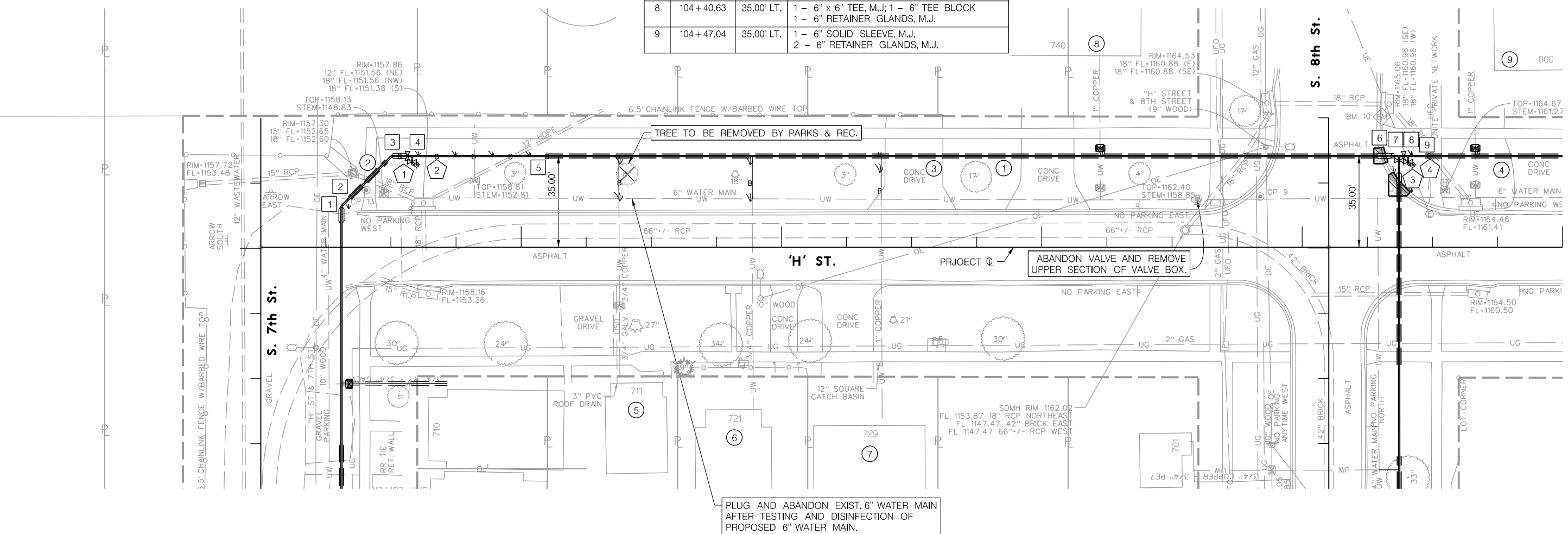
□ DUCTILE IRON WATER MAIN FITTINGS, M.J.				23.07070 - 23.08226
NO.	STATION	OFFSET	DESCRIPTION	
1	100+31.00	15.69' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" THRUST BLK 2 - 6" RETAINER GLANDS, M.J.	
2	100+34.19	18.88' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	
3	100+50.31	35.00' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" THRUST BLK 1 - 6" RETAINER GLANDS, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" OFFSET, 24" DROP, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12")	
4	100+51.31	35.00' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" RETAINER GLANDS, M.J.	
5	101+09.51	35.00' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	
6	104+29.51	35.00' LT.	1 - 6" OFFSET, 24" DROP, M.J. 2 - 6" RETAINER GLANDS, M.J.	
7	104+37.17	35.00' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.	
8	104+40.63	35.00' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" RETAINER GLANDS, M.J.	
9	104+47.04	35.00' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	

○ WATER VALVE AND/OR HYDRANT				23.08006 - 23.08400
NO.	STATION	OFFSET	DESCRIPTION	
1	100+56.37	35.00' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12")	
2	100+59.84	31.63' LT.	1 - HYDRANT, COMPLETE (TYPE II, L=6.5', LEFT) 1 - 6" ANCHORING ELBOW, M.J. 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18")	
3	104+38.90	35.00' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12")	
4	104+42.37	31.63' LT.	1 - HYDRANT, COMPLETE (TYPE II, L=5.5', LEFT) 1 - 6" HYDRANT EXTENSION 1 - 6" ANCHORING ELBOW, M.J. 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18")	



REMOVE & SALVAGE HYDRANT			23.04101
STATION	OFFSET	EA	
100+46.90	22.1' LT.	1	
104+54.70	24.6' LT.	1	

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.



▨ PAVEMENT AND SIDEWALK REMOVAL			1.04001
STATION TO STATION	SIDE	CY	
100+00.00 - 105+00.00	LT.	2	

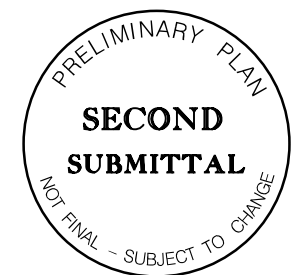
COMBINED CURB & GUTTER				4.09601
STATION TO STATION	SIDE	LF		
100+00.00 - 105+00.00	LT.	16		

CONCRETE BASE, LB-3500					5.07005 - 5.07008
STATION TO STATION	SIDE	THICK	SY		
100+00.00 - 105+00.00	LT.	6"	5		

B SEEDING, TYPE 'B'			30.07001 - 30.07004
STATION TO STATION	SIDE	AC	
100+00.00 - 105+00.00	LT.	0.02	

SAWING				1.05001 - 1.09001
STATION TO STATION	SIDE	TYPE	LF	
100+00.00 - 105+00.00	LT.	'A'	27	
100+00.00 - 105+00.00	LT.	'B'	9	

ASPHALTIC CONCRETE					06.06001 - 06.06004
STATION TO STATION	SIDE	TYPE	TON		
100+00.00 - 105+00.00	LT.	3	1		



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105+00 106+00 107+00 108+00

○ WATER MAIN 23.07004 - 23.07030				
NO.	STATION TO STATION	SIDE	SIZE	LF
1	105+00.00 - 107+54.64	LT.	6"	271

○ RECONSTRUCT WATER SERVICE PIPE 23.11075 - 23.11901							
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
3	810 'H' ST.	COPPER	1 EA.	1"	1	5	
4	822 'H' ST.	COPPER	1 EA.	1"	1	5	
5	826 'H' ST.	LEAD?	1 EA.	0.75"	1	30	1
6	633 S.9th ST.	COPPER	1 EA.	2"		4	
7	633 S.9th ST.	C.I.P.	1 EA.	4"		5	

□ DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226			
NO.	STATION	OFFSET	DESCRIPTION
1	107+52.64	35.00' LT.	1 - 6" x 90° BEND, M.J. 1 - 6" THRUST BLOCK 2 - 6" RETAINER GLANDS, M.J.
2	107+52.64	18.49' LT.	1 - 6" x 90° BEND, M.J. 1 - 6" THRUST BLOCK 2 - 6" RETAINER GLANDS, M.J. MEET EXISTING 8" x 6" REDUCER, M.J.
	107+54.64	18.49' LT.	1 - 6" RETAINER GLANDS, M.J.

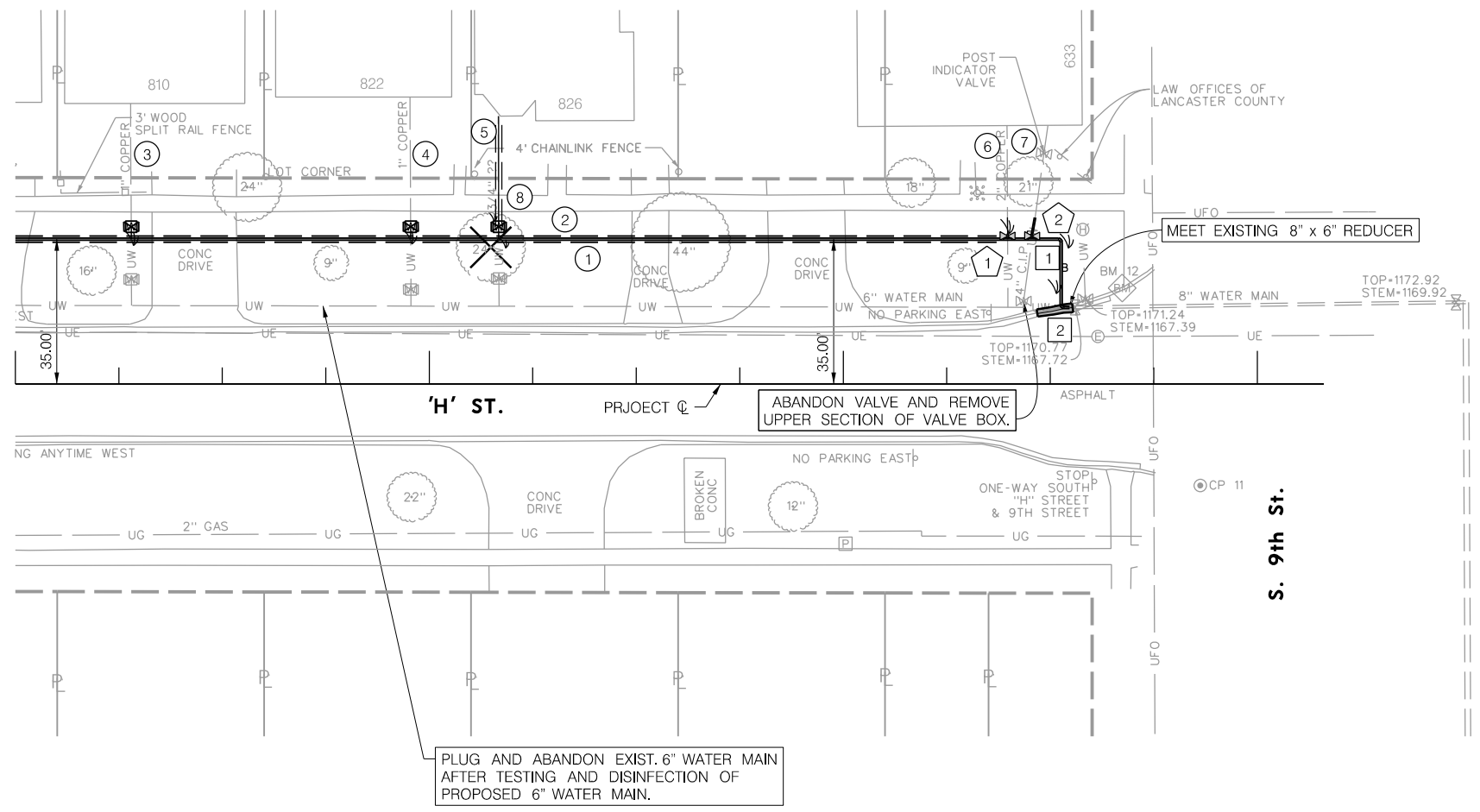
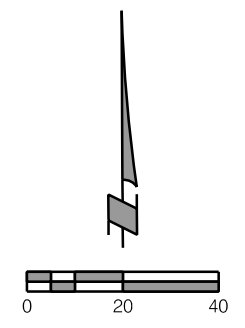
○ DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 - 20.06116				
NO.	STATION TO STATION	SIDE	SIZE	LF
2	105-00.00 - 107+37.04	LT.	6"	237

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

○ REMOVE WATER MAIN 23.04004 - 23.04036				
STATION TO STATION	SIDE	SIZE	LF	
107+50.64 - 107+54.64	LT.	6"	4	

○ BORING FOR WATER SERVICE PIPE 23.11475 - 23.11600				
NO.	STATION TO STATION	SIDE	SIZE	LF
8	106+16.78	LT.	0.75"	27

○ WATER VALVE AND/OR HYDRANT 23.08006 - 23.08400			
NO.	STATION	OFFSET	DESCRIPTION
1	107+39.70	35.00' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
2	107+45.63	35.00' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.



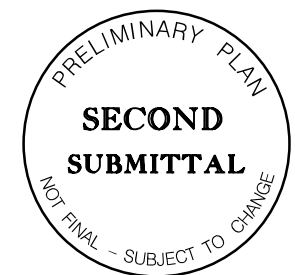
▨ PAVEMENT AND SIDEWALK REMOVAL 1.04001		
STATION TO STATION	SIDE	CY
105+00.00 - 108+00.00	LT.	1

TREE REMOVAL 02.02012 - 02.02036				
STATION TO STATION	SIDE	SIZE	EA	
106+14.85	LT.	24" to 35"	1	

B SEEDING, TYPE 'B' 30.07001 - 30.07004		
STATION TO STATION	SIDE	AC
105+00.00 - 108+00.00	LT.	0.01

SAWING 1.05001 - 1.09001			
STATION TO STATION	SIDE	TYPE	LF
105+00.00 - 108+00.00	LT.	'B'	13

COMBINED CURB & GUTTER 4.09601			
STATION TO STATION	SIDE	LF	
105+00.00 - 108+00.00	LT.	9	



200+00

201+00

202+00

203+00

204+00

23.07004 - 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	200+09.25 - 204+16.12	RT.	6"	407
2	400+53.22 - 400+63.22	LT.	20"	10

23.11075 - 23.11901

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
4	855 S. 8th St.	D.I.P.	1 EA.	6"		5	
5	855 S. 8th St.	D.I.P.	1 EA.	4"		6	
6	620 'G' ST.	COPPER	1 EA.	0.75"		5	
7	726 S. 7th St.	LEAD/GAL	1 EA.	0.75"	1	65	1
8	720 S. 7th St.	LEAD/GAL	1 EA.	0.75"	1	45	1
9	712 S. 7th St.	COPPER	1 EA.	0.75"			
10	710 S. 7th St.	?/GAL	1 EA.	0.75"	1	41	1

23.07070 - 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	200+08.42	31.00' RT.	1 - 20" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 2 - 20" DUAL PURPOSE SLEEVE, M.J. 6 - 20" RETAINER GLANDS, M.J.
2	200+15.64	31.00' RT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.
	200+17.56	31.00' RT.	1 - 6" x 4" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" RETAINER GLANDS, M.J.
3	200+24.00	31.00' RT.	1 - 6" OFFSET, 24" DROP, M.J. 2 - 6" RETAINER GLANDS, M.J.
4	200+30.50	31.00' RT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 2 - 6" RETAINER GLANDS, M.J.
5	200+34.50	31.00' RT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
6	204+10.73	31.00' RT.	1 - 6" OFFSET, 24" DROP, M.J. 2 - 6" RETAINER GLANDS, M.J.

20.06106 - 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
3	200+34.50 - 203+24.50	RT.	6"	290

23.04004 - 23.04036

STATION TO STATION	SIDE	SIZE	LF
400+53.22 - 400+63.22	LT.	20"	10

23.04101

STATION	OFFSET	EA
200+18.84	34.6' RT.	1

23.04122 - 23.04129

STATION	OFFSET	SIZE	TYPE	EA
200+12.02	27.9' RT.	6"	GATE VLV & BOX	1
400+56.89	8.4' LT.	20"x6"	TEE	1

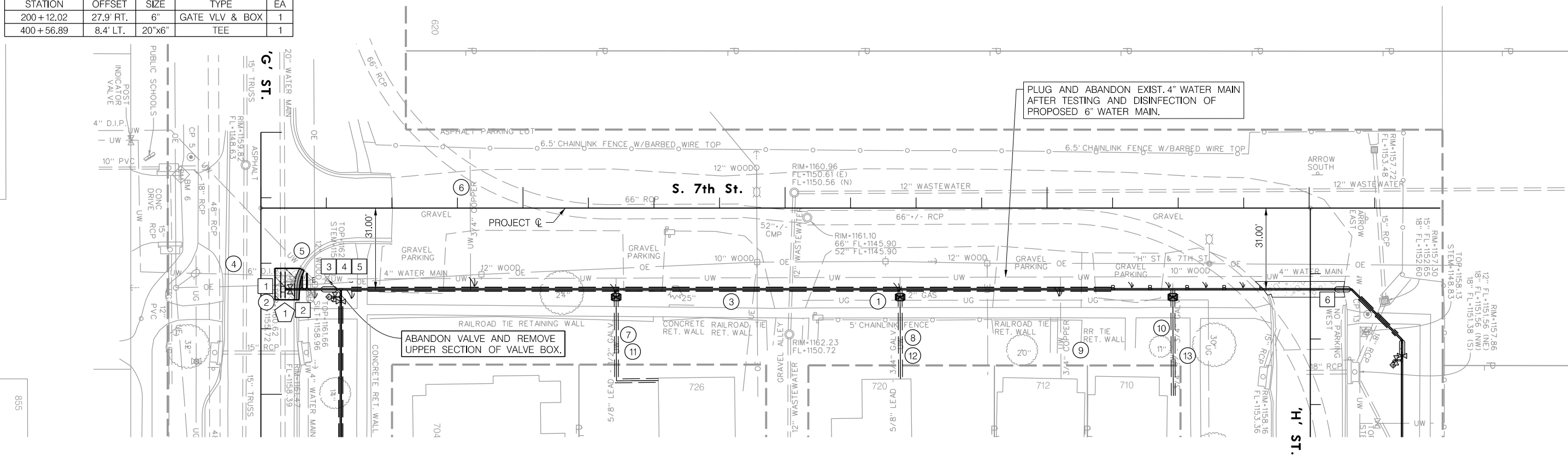
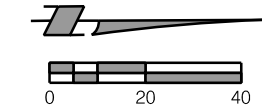
* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

23.11475 - 23.11600

NO.	STATION TO STATION	SIDE	SIZE	LF
11	201+35.54 - 201+51.70	RT.	0.75"	65
12	202+43.90	RT.	0.75"	45
13	203+47.95	RT.	0.75"	41

23.08006 - 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	200+11.15	31.00' RT.	1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.



1.04001

STATION TO STATION	SIDE	CY
200+00.00 - 204+25.00	RT.	3

4.09601

STATION TO STATION	SIDE	LF
200+00.00 - 204+25.00	RT.	12

9.03001

STATION TO STATION	SIDE	TON
203+79.39 - 204+13.68	RT.	3

1.05001 - 1.09001

STATION TO STATION	SIDE	TYPE	LF
200+00.00 - 204+25.00	RT.	'A'	29
200+00.00 - 204+25.00	RT.	'B'	4

5.07005 - 5.07008

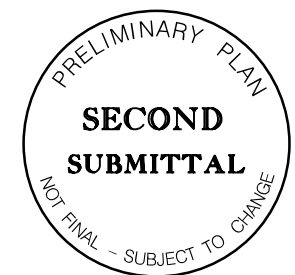
STATION TO STATION	SIDE	THICK	SY
200+00.00 - 204+25.00	RT.	6"	11

30.07001 - 30.07004

STATION TO STATION	SIDE	AC
200+00.00 - 204+25.00	RT.	0.02

06.06001 - 06.06004

STATION TO STATION	SIDE	TYPE	TON
200+00.00 - 204+25.00	RT.	3	2



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WATER MAIN					23.07004 - 23.07030
NO.	STATION TO STATION	SIDE	SIZE	LF	
1	300+30.49 - 304+35.34	RT.	6"	405	

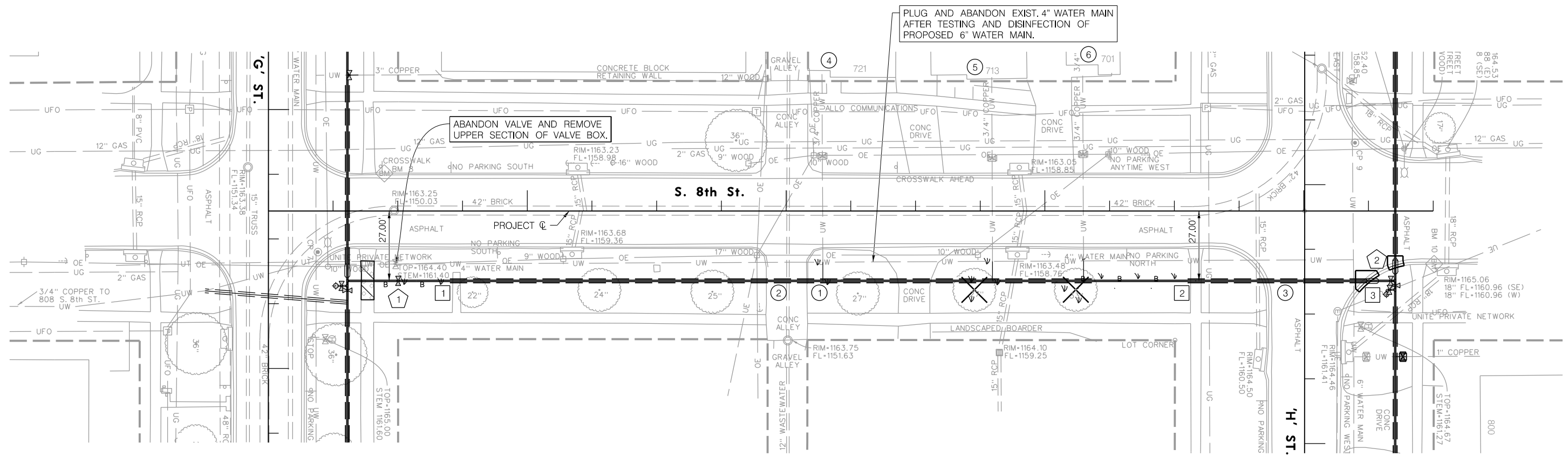
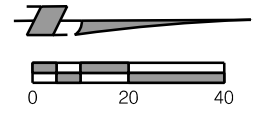
DIRECTIONAL DRILLING FOR WATER MAIN					20.06106 - 20.06116
NO.	STATION TO STATION	SIDE	SIZE	LF	
2	300+70.13 - 303+20.13	RT.	6"	250	
3	303+55.13 - 304+25.13	RT.	6"	70	

RECONSTRUCT WATER SERVICE PIPE								23.11075 - 23.11901
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)	
4	721 S. 8th ST.	COPPER	1 EA.	0.75"		9		
5	713 S. 8th ST.	COPPER	1 EA.	0.75"		9		
6	701 S. 8th ST.	COPPER	1 EA.	0.75"		9		

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DUCTILE IRON WATER MAIN FITTINGS, M.J.				23.07070 - 23.08226
NO.	STATION	OFFSET	DESCRIPTION	
1	300+70.13	27.00' RT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	
2	303+55.13	27.00' RT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	
3	304+25.13	27.00' RT.	1 - 6" OFFSET, 12" DROP, M.J. 2 - 6" RETAINER GLANDS, M.J.	

WATER VALVE AND/OR HYDRANT				23.08006 - 23.08400
NO.	STATION	OFFSET	DESCRIPTION	
1	300+50.11	27.00' RT.	1 - 6" GATE VALVE, M.J. 2 - 6" RETAINER GLANDS, M.J.	
1	304+33.61	27.00' RT.	1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.	



PAVEMENT AND SIDEWALK REMOVAL			1.04001
STATION TO STATION	SIDE	CY	
300+00.00 - 304+00.00	RT.	1	

TREE REMOVAL					02.02012 - 02.02036
STATION TO STATION	SIDE	SIZE	EA		
302+72.75 - 303+11.93	RT.	24" to 35"	2		

SEEDING, TYPE 'B'			30.07001 - 30.07004
STATION TO STATION	SIDE	AC	
300+00.00 - 304+00.00	RT.	0.02	

SAWING				1.05001 - 1.09001
STATION TO STATION	SIDE	TYPE	LF	
300+00.00 - 304+00.00	RT.	'C'	11	

CONCRETE SIDEWALK					4.09304
STATION TO STATION	SIDE	THICK	SF		
300+00.00 - 304+00.00	RT.	4"	75		



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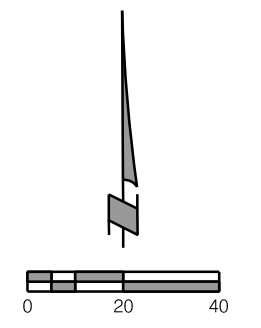
23.07004 - 23.07030				
NO.	STATION TO STATION	SIDE	SIZE	LF
1	400+59.92 - 405+00.00	LT.	6"	440

20.06106 - 20.06116				
NO.	STATION TO STATION	SIDE	SIZE	LF
2	400+66.37 - 403+26.37	LT.	6"	260
3	403+90.52 - 404+60.52	LT.	6"	70
4	404+77.24 - 405+00.00	LT.	6"	23

23.11075 - 23.11901							
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
5	704 'G' ST.	LEAD	1 EA.	0.75"	1	38	1
6	704 'G' ST.	LEAD	1 EA.	0.75"	1	45	1
7	710 'G' ST.	LEAD	1 EA.	0.75"	1	50	1
8	722 'G' ST.	COPPER	1 EA.	1"	1	4	
9	726 'G' ST.	COPPER	1 EA.	1"			
10	740 'G' ST.	COPPER	1 EA.	3"		4	
11	808 S. 8th ST.	COPPER	1 EA.	0.75"		56	

23.07070 - 23.08226			
NO.	STATION	OFFSET	DESCRIPTION
1	400+62.84	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=24") 1 - 6" ANCHORING COUPLING, M.J. (L=12")
2	403+90.52	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
3	404+60.52	30.50' LT.	1 - 6" OFFSET, 18" DROP, M.J. 2 - 6" RETAINER GLANDS, M.J.
4	404+66.19	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=12") 2 - 6" RETAINER GLANDS, M.J.
	404+68.11	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=12")
5	404+77.24	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.

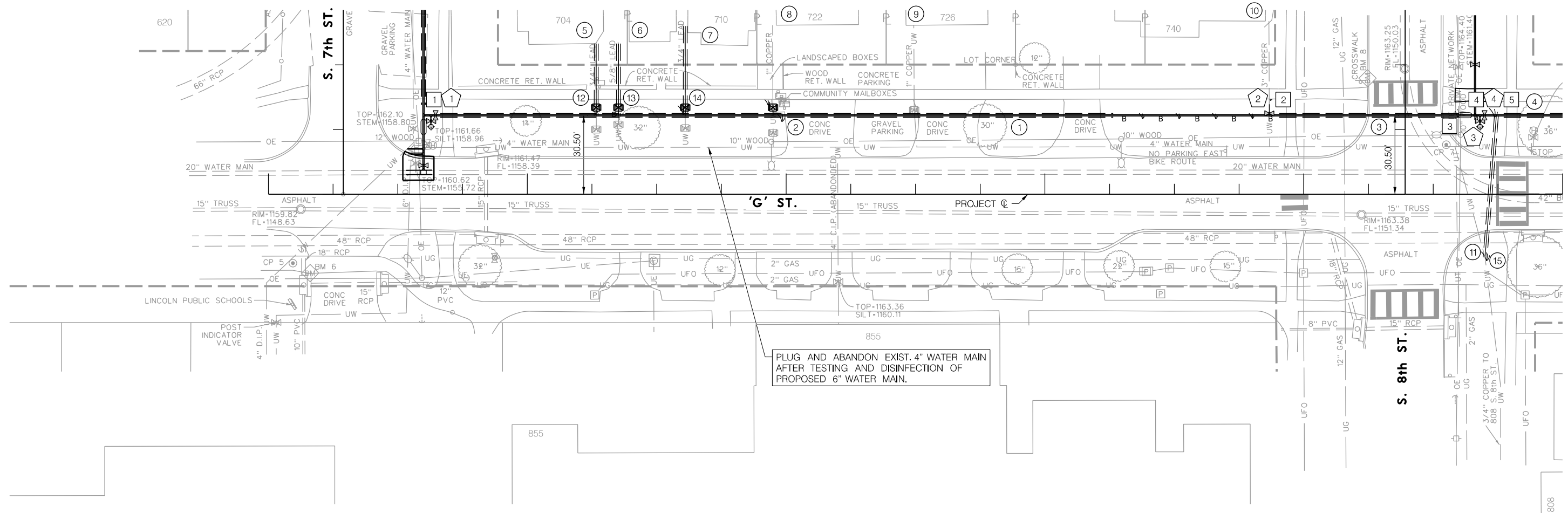
23.08006 - 23.08400			
NO.	STATION	OFFSET	DESCRIPTION
1	400+64.57	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.
2	403+86.70	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
3	404+68.11	26.06' LT.	1 - HYDRANT, COMPLETE (TYPE IV, L=5.5') 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18")
4	404+69.83	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.



23.04101		
STATION	OFFSET	EA
404+88.80	24.5' LT.	1

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23.11475 - 23.11600				
NO.	STATION TO STATION	SIDE	SIZE	LF
12	401+26.62	LT.	0.75"	38
13	401+35.24	LT.	0.75"	45
14	401+61.05	LT.	0.75"	50
15	404+72.24	LT.-RT.	0.75"	56



30.07001 - 30.07004		
STATION TO STATION	SIDE	AC
401+00.00 - 405+00.00	LT.	0.02



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405+00 406+00 407+00 408+00 409+00 410+00 411+00

WATER MAIN				
NO.	STATION TO STATION	SIDE	SIZE	LF
1	405+00.00 - 411+00.00	LT.	6"	600
2	408+81.16	LT.	16"	18

DIRECTIONAL DRILLING FOR WATER MAIN				
NO.	STATION TO STATION	SIDE	SIZE	LF
3	405+00.00 - 406+17.24	LT.	6"	117
4	406+56.91 - 408+76.91	LT.	6"	220
5	408+97.96 - 411+00.00	LT.	6"	202

REMOVE WATER MAIN				
STATION TO STATION	SIDE	SIZE	LF	
408+81.16	LT.	16"	18	

REMOVE FITTING				
STATION	OFFSET	SIZE	TYPE	EA
408+81.19	19.71' LT.	16"x6"	CROSS	1

REMOVE & SALVAGE HYDRANT		
STATION	OFFSET	EA
408+10.55	22.4' LT.	1

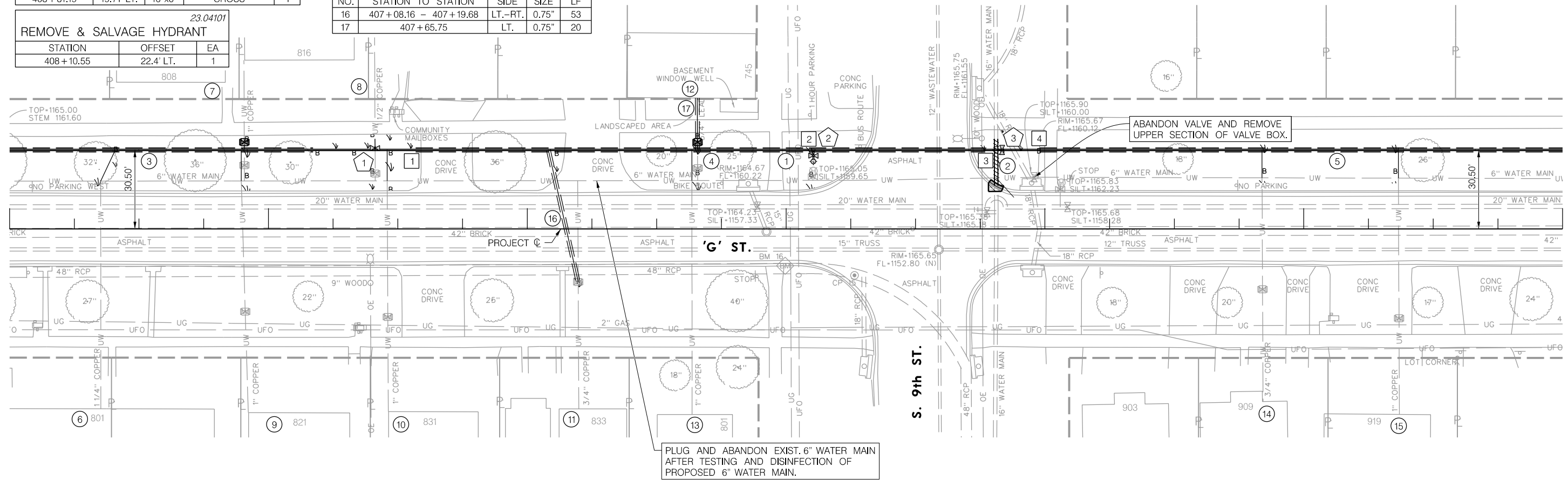
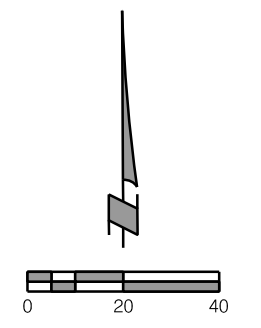
RECONSTRUCT WATER SERVICE PIPE							
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
6	801 'G' ST.	COPPER	1 EA.	1"		14	
7	808 'G' ST.	COPPER	1 EA.	1"	1	4	
8	816 'G' ST.	COPPER	1 EA.	1.50"		4	
9	821 'G' ST.	COPPER	1 EA.	1"		13	
10	831 'G' ST.	COPPER	1 EA.	1"		13	
11	833 'G' ST.	COPPER	1 EA.	0.75"		54	
12	745 S. 9th ST.	LEAD	1 EA.	0.75"	1	21	1
13	801 S. 9th ST.	COPPER	1 EA.	1"		13	
14	909 'G' ST.	COPPER	1 EA.	0.75"		12	
15	919 'G' ST.	COPPER	1 EA.	1"		12	

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE.
 CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM.
 (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE				
NO.	STATION TO STATION	SIDE	SIZE	LF
16	407+08.16 - 407+19.68	LT.-RT.	0.75"	53
17	407+65.75	LT.	0.75"	20

DUCTILE IRON WATER MAIN FITTINGS, M.J.			
NO.	STATION	OFFSET	DESCRIPTION
1	406+56.91	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
2	408+10.55	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" SOLID SLEEVE, M.J. 4 - 6" RETAINER GLANDS, M.J.
3	408+81.14	30.50' LT.	1 - 16" x 6" CROSS, M.J. 2 - 16" DUAL PURPOSE SLEEVE, M.J. 6 - 16" RETAINER GLANDS, M.J. 1 - 6" RETAINER GLANDS, M.J.
4	408+97.96	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.

WATER VALVE AND/OR HYDRANT			
NO.	STATION	OFFSET	DESCRIPTION
1	406+41.19	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
2	408+10.55	26.06' LT.	1 - HYDRANT, COMPLETE (TYPE IV, L=6.5) 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18")
3	408+83.45	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.



PAVEMENT AND SIDEWALK REMOVAL		
STATION TO STATION	SIDE	CY
405+00.00 - 411+00.00	LT.	1

COMBINED CURB & GUTTER		
STATION TO STATION	SIDE	LF
405+00.00 - 411+00.00	LT.	6

CONCRETE BASE, LB-3500			
STATION TO STATION	SIDE	THICK	SY
405+00.00 - 411+00.00	LT.	6"	1

SEEDING, TYPE 'B'		
STATION TO STATION	SIDE	AC
405+00.00 - 411+00.00	LT. & RT.	0.03

SAWING			
STATION TO STATION	SIDE	TYPE	LF
405+00.00 - 411+00.00	LT.	'A'	8
405+00.00 - 411+00.00	LT.	'B'	4

ASPHALTIC CONCRETE			
STATION TO STATION	SIDE	TYPE	TON
405+00.00 - 411+00.00	LT.	3	0.5



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417+00

418+00

419+00

420+00

421+00

422+00

423+00

WATER MAIN					
NO.	STATION TO STATION	SIDE	SIZE	LF	
23.07004 - 23.07030					
1	417+00.00 - 423+00.00	LT.	6"	600	
2	420+50.87 - 420+58.76	LT.	6"	11	
3	420+59.22	LT.	10"	12	

DIRECTIONAL DRILLING FOR WATER MAIN					
NO.	STATION TO STATION	SIDE	SIZE	LF	
20.06106 - 20.06116					
4	417+00.00 - 417+48.73	LT.	6"	49	
5	418+16.64 - 421+06.64	LT.	6"	290	
6	421+48.59 - 422+68.59	LT.	6"	120	
7	422+96.59 - 423+00.00	LT.	6"	3	

REMOVE WATER MAIN					
STATION TO STATION	SIDE	SIZE	LF		
23.04004 - 23.04036					
420+59.22	LT.	10"	12		

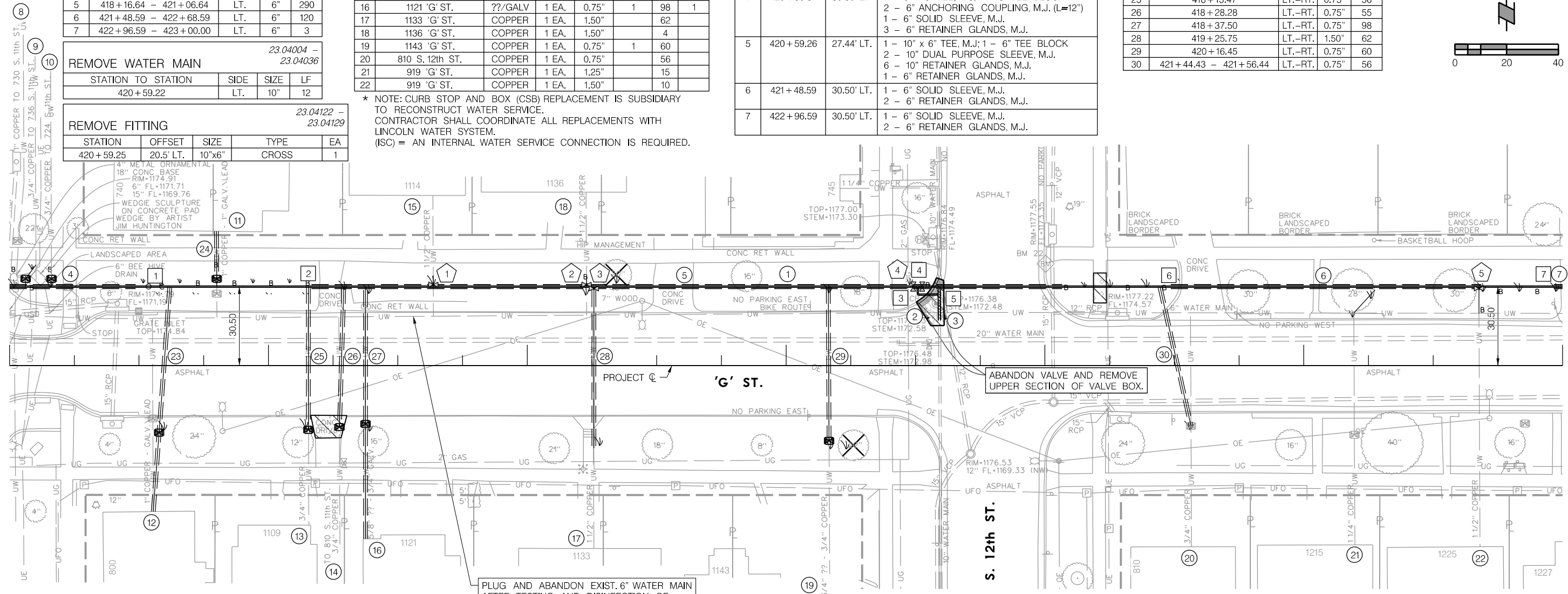
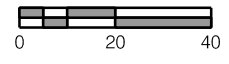
REMOVE FITTING					
STATION	OFFSET	SIZE	TYPE	EA	
23.04122 - 23.04129					
420+59.25	20.5' LT.	10"x6"	CROSS	1	

RECONSTRUCT WATER SERVICE PIPE								
NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)	
23.11075 - 23.11901								
8	730 S. 11th ST.	COPPER	1 EA.	1"				
9	736 S. 11th ST.	COPPER	1 EA.	0.75"	1	12		
10	724 S. 11th ST.	COPPER	1 EA.	0.75"	1	4		
11	740 S. 11th ST.	GLV/LEAD	1 EA.	1"	1	25	1	
12	800 S. 11th ST.	GLV/LEAD	1 EA.	1"	1	88	1	
13	1109 'G' ST.	COPPER	1 EA.	0.75"	1	56		
14	810 S. 11th ST.	COPPER	1 EA.	0.75"	1	55		
15	1114 'G' ST.	COPPER	1 EA.	1.50"		4		
16	1121 'G' ST.	??/GALV	1 EA.	0.75"	1	98	1	
17	1133 'G' ST.	COPPER	1 EA.	1.50"		62		
18	1136 'G' ST.	COPPER	1 EA.	1.50"		4		
19	1143 'G' ST.	COPPER	1 EA.	0.75"	1	60		
20	810 S. 12th ST.	COPPER	1 EA.	0.75"		56		
21	919 'G' ST.	COPPER	1 EA.	1.25"		15		
22	919 'G' ST.	COPPER	1 EA.	1.50"		10		

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

DUCTILE IRON WATER MAIN FITTINGS, M.J.			
NO.	STATION	OFFSET	DESCRIPTION
23.07070 - 23.08226			
1	417+53.73	30.50' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" THRUST BLK 2 - 6" RETAINER GLANDS, M.J.
2	417+58.96	30.50' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" GRAVITY BLK 2 - 6" RETAINER GLANDS, M.J.
3	420+50.87	27.35' LT.	1 - 6" x 90° BEND, M.J.; 1 - 6" THRUST BLK 2 - 6" RETAINER GLANDS, M.J.
4	420+50.87	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 2 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" SOLID SLEEVE, M.J. 3 - 6" RETAINER GLANDS, M.J.
5	420+59.26	27.44' LT.	1 - 10" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 2 - 10" DUAL PURPOSE SLEEVE, M.J. 6 - 10" RETAINER GLANDS, M.J. 1 - 6" RETAINER GLANDS, M.J.
6	421+48.59	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
7	422+96.59	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.

BORING FOR WATER SERVICE PIPE					
NO.	STATION TO STATION	SIDE	SIZE	LF	
23.11475 - 23.11600					
23	417+61.92 - 417+55.51	LT.-RT.	1"	88	
24	417+79.98	LT.	1"	20	
25	418+15.47	LT.-RT.	0.75"	56	
26	418+28.28	LT.-RT.	0.75"	55	
27	418+37.50	LT.-RT.	0.75"	98	
28	419+25.75	LT.-RT.	1.50"	62	
29	420+16.45	LT.-RT.	0.75"	60	
30	421+44.43 - 421+56.44	LT.-RT.	0.75"	56	



WATER VALVE AND/OR HYDRANT					
NO.	STATION	OFFSET	DESCRIPTION		
23.08006 - 23.08400					
1	418+63.70	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.		
2	419+22.91	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.		
3	419+25.75	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.		
4	420+49.14	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.		
	420+52.60	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.		
5	422+67.68	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.		

PAVEMENT AND SIDEWALK REMOVAL			
STATION TO STATION	SIDE	THICK	SY
1.04001			
417+00.00 - 423+00.00	LT.	6"	6

SAWING				
STATION TO STATION	SIDE	TYPE	LF	
1.05001 - 1.09001				
405+00.00 - 411+00.00	LT.	'A'	31	
405+00.00 - 411+00.00	LT.	'B'	31	
105+00.00 - 111+00.00	LT.	'C'	10	

TREE REMOVAL				
STATION TO STATION	SIDE	SIZE	EA	
02.02012 - 02.02036				
419+34.41 - 420+26.02	LT. & RT.	12" to 23"	2	

CONCRETE SIDEWALK				
STATION TO STATION	SIDE	THICK	SF	
4.09304				
411+00.00 - 417+00.00	LT.	4"	58	

CONCRETE DRIVEWAY				
STATION TO STATION	SIDE	THICK	SF	
4.09405 - 4.09406				
411+00.00 - 417+00.00	RT.	5"	104	

COMBINED CURB & GUTTER			
STATION TO STATION	SIDE	LF	
4.09601			
405+00.00 - 411+00.00	LT.	13	

CONCRETE BASE, LB-3500				
STATION TO STATION	SIDE	THICK	SY	
5.07005 - 5.07008				
405+00.00 - 411+00.00	LT.	6"	10	

ASPHALTIC CONCRETE				
STATION TO STATION	SIDE	TYPE	TON	
06.06001 - 06.06004				
405+00.00 - 411+00.00	LT.	3	2	

SEEDING, TYPE 'B'			
STATION TO STATION	SIDE	AC	
30.07001 - 30.07004			
405+00.00 - 411+00.00	LT. & RT.	0.05	



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429+00 430+00 431+00 432+00 433+00 434+00 435+00

WATER MAIN 23.07004 - 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	429+00.00 - 435+00.00	LT.	6"	600
2	429+07.68	LT.	12"	16

RECONSTRUCT WATER SERVICE PIPE 23.11075 - 23.11901

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
6	1411 'G' ST.	COPPER	1 EA.	1"		12	
7	1417 'G' ST.	COPPER	1 EA.	0.75"	1	12	
8	1425 'G' ST.	COPPER	1 EA.	1.50"		12	
9	1441 'G' ST.	COP/GALV	1 EA.	1"	1	50	1
10	801 GOODHUE BLVD.	??/GALV	1 EA.	0.75"	1	94	1
11	1502 'G' ST.	COPPER	1 EA.	1"		8	

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	429+07.88	17.44' LT.	1 - 12" DUAL PURPOSE SLEEVE, M.J. 2 - 12" RETAINER GLANDS, M.J.
	429+07.55	30.50' LT.	1 - 12" x 6" CROSS, M.J. 2 - 6" ANCHORING COUPLING, M.J. (L=12") 2 - 12" RETAINER GLANDS, M.J.
	429+07.47	33.43' LT.	1 - 12" DUAL PURPOSE SLEEVE, M.J. 2 - 12" RETAINER GLANDS, M.J.
2	429+11.34	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.
3	429+38.05	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
4	432+28.71	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.
5	432+32.79	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.

DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 - 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
3	429+00.00 - 429+03.18	LT.	6"	3
4	429+38.05 - 431+28.05	LT.	6"	190
5	432+32.79 - 435+00.00	LT.	6"	267

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 CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM.
 (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE 23.11475 - 23.11600

NO.	STATION TO STATION	SIDE	SIZE	LF
12	407+08.16 - 407+19.68	RT.	1"	39
13	407+65.75	LT.-RT.	0.75"	93

REMOVE WATER MAIN 23.04004 - 23.04036

STATION TO STATION	SIDE	SIZE	LF
429+07.68	LT.	12"	16

REMOVE FITTING 23.04122 - 23.04129

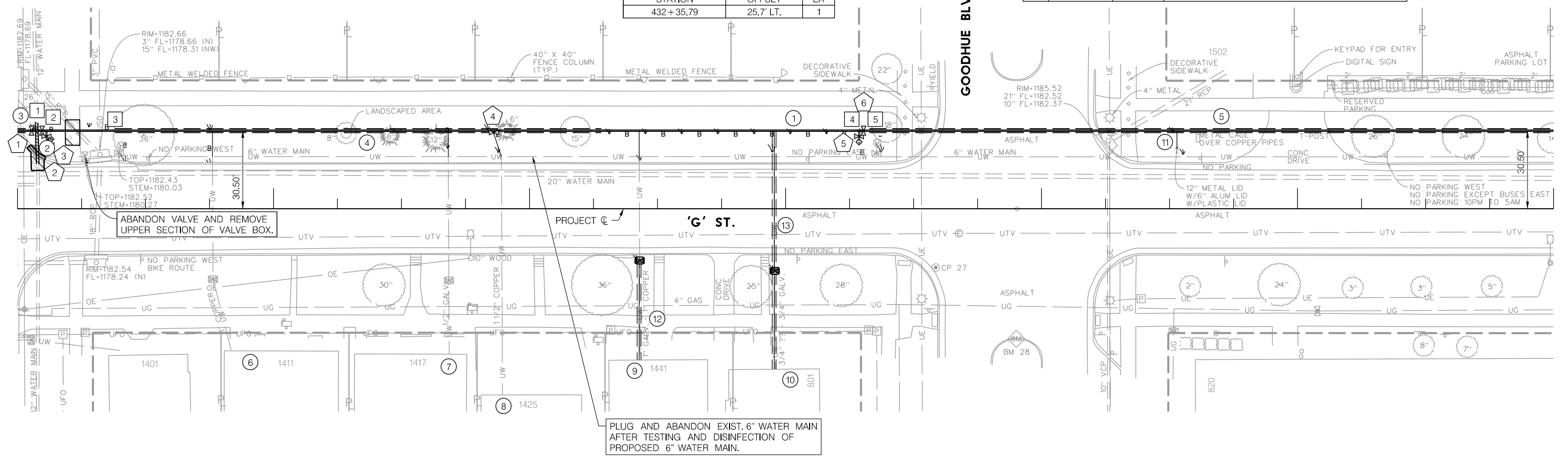
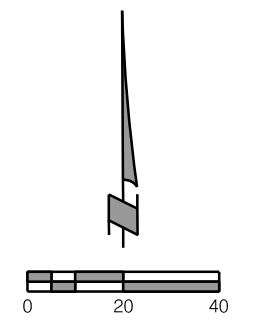
STATION	OFFSET	SIZE	TYPE	EA
429+07.81	20.4' LT.	12"x6"	CROSS	1

REMOVE & SALVAGE HYDRANT 23.04101

STATION	OFFSET	EA
432+35.79	25.7' LT.	1

WATER VALVE AND/OR HYDRANT 23.08006 - 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	429+05.49	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.
2	429+09.61	30.50' LT.	1 - 6" GATE VALVE, M.J.
3	429+13.08	27.13' LT.	1 - HYDRANT, COMPLETE (TYPE IV, L=6.5') 1 - 6" HYDRANT EXTENSION 1 - 6" ANCHORING ELBOW, M.J. 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18")
4	430+86.05	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
5	432+28.71	26.06' LT.	1 - HYDRANT, COMPLETE (TYPE IV, L=5.5') 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18")
6	429+05.49	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.



PAVEMENT AND SIDEWALK REMOVAL 1.04001

STATION TO STATION	SIDE	CY
429+00.00 - 435+00.00	LT.	2

CONCRETE SIDEWALK 4.09304

STATION TO STATION	SIDE	THICK	SF
429+00.00 - 435+00.00	LT.	4"	56

CONCRETE BASE, LB-3500 5.07005 - 5.07008

STATION TO STATION	SIDE	THICK	SY
429+00.00 - 435+00.00	LT.	6"	3

SEEDING, TYPE 'B' 30.07001 - 30.07004

STATION TO STATION	SIDE	AC
429+00.00 - 435+00.00	LT. & RT.	0.04

SAWING 1.05001 - 1.09001

STATION TO STATION	SIDE	TYPE	LF
429+00.00 - 435+00.00	LT.	'A'	16
429+00.00 - 435+00.00	LT.	'B'	6
429+00.00 - 435+00.00	LT.	'C'	12

COMBINED CURB & GUTTER 4.09601

STATION TO STATION	SIDE	LF
429+00.00 - 435+00.00	LT.	8

ASPHALTIC CONCRETE 06.06001 - 06.06004

STATION TO STATION	SIDE	TYPE	TON
429+00.00 - 435+00.00	LT.	3	0.5



435+00 436+00 437+00 438+00 439+00 440+00 441+00

WATER MAIN 23.07004 - 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	435+00.00 - 441+00.00	LT.	6"	600
2	436+61.81 - 436+77.88	LT.	6"	19

DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 - 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
3	435+00.00 - 436+12.79	LT.	6"	113
4	436+68.63 - 438+83.63	LT.	6"	215
5	439+31.90 - 441+00.00	LT.	6"	168

REMOVE WATER MAIN 23.04004 - 23.04036

STATION TO STATION	SIDE	SIZE	LF
436+66.76 - 436+77.88	LT.	6"	16

RECONSTRUCT WATER SERVICE PIPE 23.11075 - 23.11901

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
6	720 S. 16th ST.	COPPER	1 EA.	2"		4	
7	800 S. 16th ST.	COPPER	1 EA.	1"		12	
8	1615 'G' ST.	COPPER	1 EA.	0.75"		12	
9	1616 'G' ST.	LEAD/GLV	1 EA.	0.75"	1	55	1
10	1621 'G' ST.	COPPER	1 EA.	1.50"	1	55	
11	1625 'G' ST.	LEAD/GLV	1 EA.	0.75"	1	95	1
12	1630 'G' ST.	COPPER	1 EA.	1"		1	
13	1637 'G' ST.	LEAD/GLV	1 EA.	0.75"	1	105	1
14	1660 'G' ST.	COPPER	1 EA.	2"		4	
15	1660 'G' ST.	C.I.P.	1 EA.	4"		4	

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	436+61.81	27.66' LT.	1 - 6" x 90° BEND, M.J.; 1 - 6" THRUST BLK 2 - 6" RETAINER GLANDS, M.J.
2	436+61.81	30.50' LT.	1 - 6" x 6" CROSS, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12") 2 - 6" RETAINER GLANDS, M.J.
3	436+68.63	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
4	436+77.88	27.77' LT.	MEET EXISTING VALVE 1 - 6" RETAINER GLANDS, M.J.
5	437+53.30	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" SOLID SLEEVE, M.J. 4 - 6" RETAINER GLANDS, M.J.
6	439+31.90	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.

WATER VALVE AND/OR HYDRANT 23.08006 - 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	436+63.52	33.89' LT.	1 - HYDRANT, COMPLETE (TYPE I, L=5.5', LEFT) 1 - 6" ANCHORING ELBOW, M.J. 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.
2	436+63.54	30.50' LT.	1 - HYDRANT, COMPLETE (TYPE II, L=6.5', LEFT) 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING ELBOW, M.J.
3	437+56.66	28.75' LT.	1 - HYDRANT, COMPLETE (TYPE II, L=6.5', LEFT) 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING ELBOW, M.J.
4	438+39.89	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
5	438+59.62	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
6	439+66.05	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
7	440+10.53	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.

REMOVE & SALVAGE HYDRANT 23.04101

STATION	OFFSET	EA
436+64.82	32' LT.	1
437+49.80	29.1' LT.	1

BORING FOR WATER SERVICE PIPE 23.11475 - 23.11600

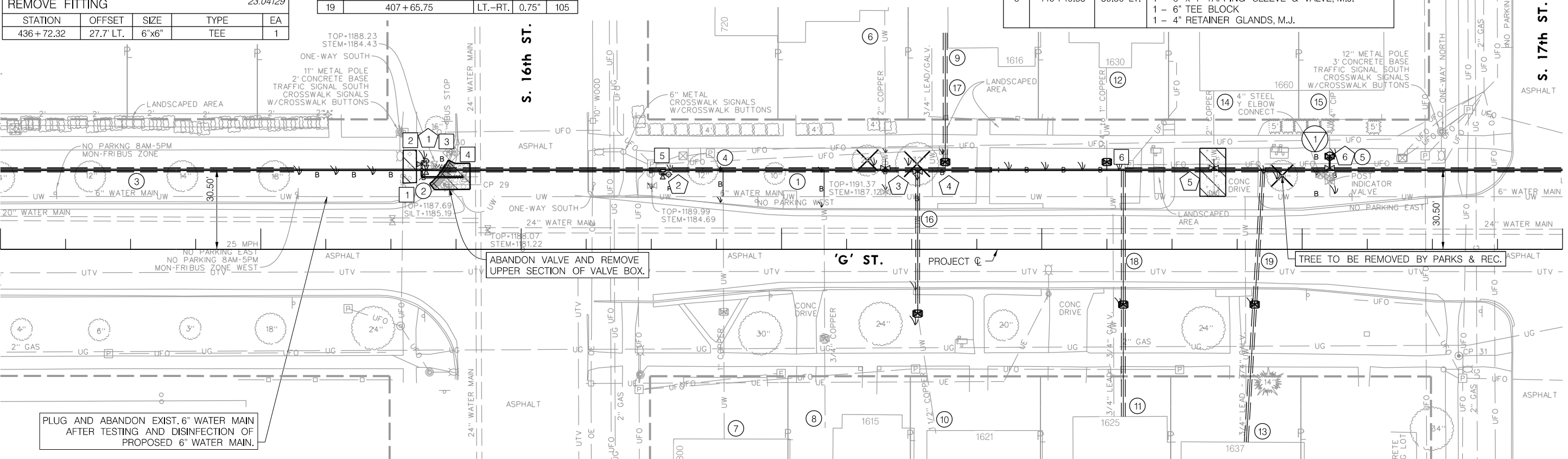
NO.	STATION TO STATION	SIDE	SIZE	LF
16	438+59.79 - 438+52.32	LT.-RT.	1.50"	55
17	438+62.87	LT.	0.75"	55
18	439+31.28	LT.-RT.	0.75"	95
19	407+65.75	LT.-RT.	0.75"	105

REMOVE & RESET WATER METER PIT 50.00001

NO.	EX. STATION-OFFSET	PROP. STATION-OFFSET	EA
1	440+10.40 - 28' LT.	440+10.54 - 35.75' LT.	1

REMOVE FITTING 23.04122 - 23.04129

STATION	OFFSET	SIZE	TYPE	EA
436+72.32	27.7' LT.	6"x6"	TEE	1



PAVEMENT AND SIDEWALK REMOVAL 1.04001

STATION TO STATION	SIDE	CY
435+00.00 - 441+00.00	LT.	7

CONCRETE SIDEWALK 4.09304

STATION TO STATION	SIDE	THICK	SF
435+00.00 - 441+00.00	LT.	4"	65

CONCRETE DRIVEWAY 4.09405 - 4.09406

STATION TO STATION	SIDE	THICK	SF
435+00.00 - 441+00.00	LT.	5"	184

CONCRETE BASE, LB-3500 5.07005 - 5.07008

STATION TO STATION	SIDE	THICK	SY
435+00.00 - 441+00.00	LT.	6"	10

SEEDING, TYPE 'B' 30.07001 - 30.07004

STATION TO STATION	SIDE	AC
435+00.00 - 441+00.00	LT. & RT.	0.04

SAWING 1.05001 - 1.09001

STATION TO STATION	SIDE	TYPE	LF
435+00.00 - 441+00.00	LT.	'A'	30
435+00.00 - 441+00.00	LT.	'B'	63
435+00.00 - 441+00.00	LT.	'C'	11

CONCRETE DRIVEWAY 4.09601

STATION TO STATION	SIDE	THICK	SF
435+00.00 - 441+00.00	LT.	5"	184

ASPHALTIC CONCRETE 06.06001 - 06.06004

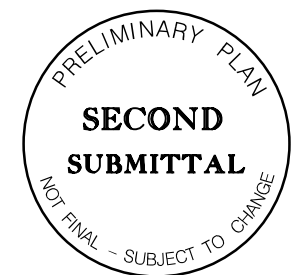
STATION TO STATION	SIDE	TYPE	TON
435+00.00 - 441+00.00	LT.	3	2

COMBINED CURB & GUTTER 4.09601

STATION TO STATION	SIDE	LF
435+00.00 - 441+00.00	LT.	12

TREE REMOVAL 02.02012 - 02.02036

STATION TO STATION	SIDE	SIZE	EA
438+32.99	LT.	12" to 23"	1
438+52.04	LT.	24" to 35"	1



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 USER: slcjd
 DATE: 9/17/2021
 DGN: ...Water Main\702859PW2.dgn

441+00 442+00 443+00 444+00 445+00 446+00 447+00

WATER MAIN 23.07004 - 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	441+00.00 - 447+00.00	LT.	6"	600
2	441+19.61	LT.	6"	15
3	444+79.92	LT.	12"	16
4	445+25.44	LT.	6"	4

RECONSTRUCT WATER SERVICE PIPE 23.11075 - 23.11901

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
9	740 S. 17th ST.	COPPER	1 EA.	1.50"		5	
10	740 S. 17th ST.	COPPER	1 EA.	2"		5	
11	1718 'G' ST.	COPPER	1 EA.	0.75"	1		
12	1730 'G' ST.	COPPER	1 EA.	1"			
13	1735 'G' ST.	LEAD/GLV	1 EA.	2"		85	
14	1738 'G' ST.	COPPER	1 EA.	2"	1	4	
15	800 S. 18th ST.	COPPER	1 EA.	0.75"		60	
16	1809 'G' ST.	COPPER	1 EA.	0.75"		53	
17	1812 'G' ST.	LEAD/GLV	1 EA.	0.75"	1	39	1
18	1820 'G' ST.	LEAD	1 EA.	0.75"	1	26	1
19	1821 'G' ST.	COPPER	1 EA.	1.25"		68	

DUCTILE IRON WATER MAIN FITTINGS, M.J. 23.07070 - 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	441+19.59	30.50' LT.	1 - 6" x 6" CROSS, M.J. 2 - 6" DUAL PURPOSE SLEEVE, M.J. 8 - 6" RETAINER GLANDS, M.J.
2	441+24.14	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
3	441+49.64	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" SOLID SLEEVE, M.J. 3 - 6" RETAINER GLANDS, M.J.
4	444+79.83	30.50' LT.	1 - 12" x 6" CROSS, M.J. 2 - 6" ANCHORING COUPLING, M.J. (L=12") 2 - 12" DUAL PURPOSE SLEEVE, M.J. 6 - 12" RETAINER GLANDS, M.J.
5	444+84.98	30.50' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" GRAVITY BLK 2 - 6" RETAINER GLANDS, M.J.
	444+88.48	30.50' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" THRUST BLK 2 - 6" RETAINER GLANDS, M.J.
6	445+19.32	30.50' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" THRUST BLK 2 - 6" RETAINER GLANDS, M.J.
	445+22.83	30.50' LT.	1 - 6" x 45° BEND, M.J.; 1 - 6" GRAVITY BLK 2 - 6" RETAINER GLANDS, M.J.
7	445+25.44	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.
	445+25.44	34.75' LT.	1 - 6" DUAL PURPOSE SLEEVE, M.J. 1 - 6" RETAINER GLANDS, M.J.
	445+29.36	30.50' LT.	1 - 6" x 6" TEE, M.J.; 1 - 6" TEE BLOCK 1 - 6" ANCHORING COUPLING, M.J. (L=36") 1 - 6" RETAINER GLANDS, M.J.
8	445+59.03	30.50' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.

DIRECTIONAL DRILLING FOR WATER MAIN 20.06106 - 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
5	441+00.00 - 441+16.90	LT.	6"	17
6	441+24.14 - 444+54.14	LT.	6"	330
7	444+88.90 - 445+18.90	LT.	6"	30
8	445+59.03 - 447+00.00	LT.	6"	141

REMOVE WATER MAIN 23.04004 - 23.04036

STATION TO STATION	SIDE	SIZE	LF
441+19.61	LT.	6"	15
444+79.92	LT.	12"	16
445+25.44	LT.	6"	6

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE. CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM. (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

BORING FOR WATER SERVICE PIPE 23.11475 - 23.11600

NO.	STATION TO STATION	SIDE	SIZE	LF
20	443+86.82	LT.-RT.	2"	85
21	445+96.00 - 446+01.61	LT.-RT.	0.75"	59
22	446+43.81	LT.	0.75"	39
23	446+46.87	LT.-RT.	0.75"	53
24	446+65.66	LT.-RT.	1.25"	68
25	446+79.33	LT.	0.75"	26

REMOVE & SALVAGE HYDRANT 23.04101

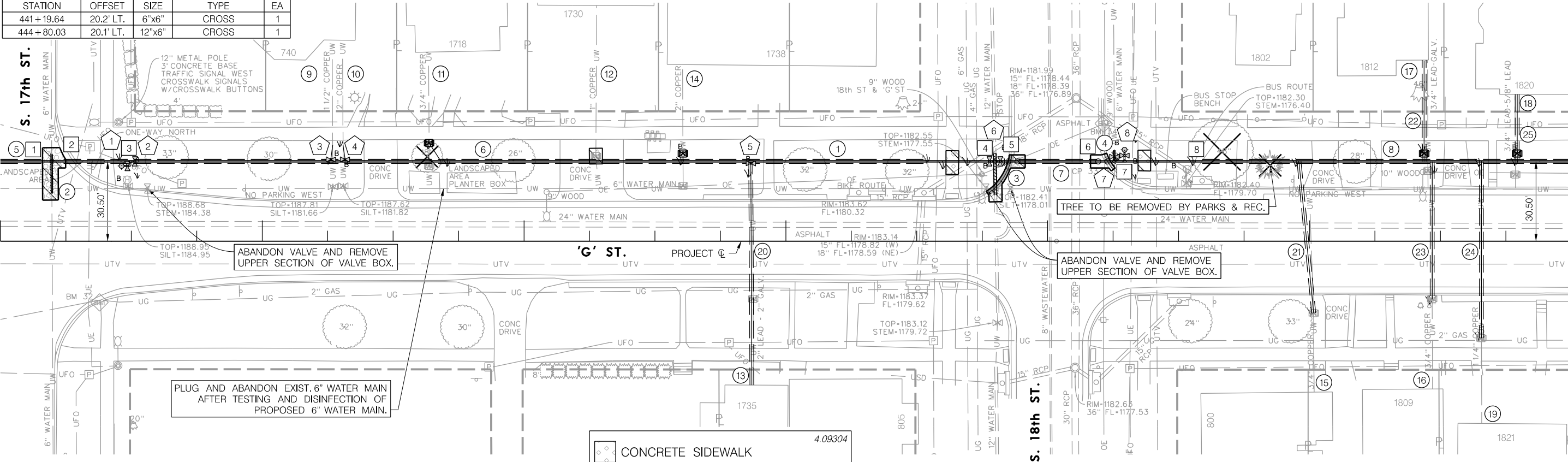
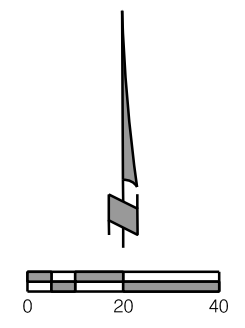
STATION	OFFSET	EA
441+48.44	23.5' LT.	1
445+53.27	27.5' LT.	1

REMOVE FITTING 23.04122 - 23.04129

STATION	OFFSET	SIZE	TYPE	EA
441+19.64	20.2' LT.	6"x6"	CROSS	1
444+80.03	20.1' LT.	12"x6"	CROSS	1

WATER VALVE AND/OR HYDRANT 23.08006 - 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	441+46.28	28.75' LT.	1 - HYDRANT, COMPLETE (TYPE II, L=5.5', RIGHT) 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING ELBOW, M.J.
2	441+51.37	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=12") 1 - 6" RETAINER GLANDS, M.J.
3	442+26.24	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
4	442+31.60	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
5	443+86.62	30.50' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
6	444+77.77	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.
	444+81.89	30.50' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.
7	445+25.44	32.23' LT.	1 - 6" GATE VALVE, M.J. 1 - 6" RETAINER GLANDS, M.J.
8	445+29.36	34.94' LT.	1 - HYDRANT, COMPLETE (TYPE IV, L=6.5') 1 - 6" ANCHORING COUPLING, M.J. (L=18") 1 - 6" GATE VALVE, M.J. 1 - 6" ANCHORING COUPLING, M.J. (L=18")



PAVEMENT AND SIDEWALK REMOVAL 1.04001

STATION TO STATION	SIDE	CY
441+00.00 - 447+00.00	LT.	9

TREE REMOVAL 02.02012 - 02.02036

STATION TO STATION	SIDE	SIZE	EA
438+32.99	LT.	12" to 23"	1
438+52.04	LT.	36" +	1

CONCRETE SIDEWALK 4.09304

STATION TO STATION	SIDE	THICK	SF
441+00.00 - 447+00.00	LT.	4"	83

CONCRETE DRIVEWAY 4.09405 - 4.09406

STATION TO STATION	SIDE	THICK	SF
441+00.00 - 447+00.00	LT.	5"	30

COMBINED CURB & GUTTER 4.09601

STATION TO STATION	SIDE	LF
441+00.00 - 447+00.00	LT.	24

CONCRETE BASE, LB-3500 5.07005 - 5.07008

STATION TO STATION	SIDE	THICK	SY
441+00.00 - 447+00.00	LT.	6"	24

ASPHALTIC CONCRETE 06.06001 - 06.06004

STATION TO STATION	SIDE	TYPE	TON
441+00.00 - 447+00.00	LT.	3	4

SEEDING, TYPE 'B' 30.07001 - 30.07004

STATION TO STATION	SIDE	AC
441+00.00 - 447+00.00	LT. & RT.	0.03



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600+00

NO.	STATION TO STATION	SIDE	SIZE	LF
1	501+00.00 - 501+82.74	LT.	6"	83
2	600+06.19 - 603+09.81	LT.	6"	303
3	603+09.82 - 603+11.54	LT.	8"	4
4	603+11.54 - 603+13.04	LT.	6"	2

601+00

NO.	ADDRESS	EXIST.	RECON.	SIZE	*CSB	LF	(ISC)
8	2020 'G' ST.	COPPER	1 EA.	2"		34	
9	2036 RANDPOLPH ST.	C.I.P.	1 EA.	3"		16	
10	739 S. 21st ST.	COPPER	1 EA.	0.75"			
11	745 S. 21st ST.	COPPER	1 EA.	1"		38	

602+00

NO.	STATION	OFFSET	DESCRIPTION
1	501+82.74	12.00' LT.	1 - 6" x 90° BEND, M.J.; 1 - 6" THRUST BLK 2 - 6" RETAINER GLANDS, M.J.
2	600+31.86	15.00' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
3	602+64.48	15.00' LT.	1 - 6" SOLID SLEEVE, M.J. 2 - 6" RETAINER GLANDS, M.J.
4	603+09.83	8.45' LT.	1 - 8" x 90° BEND, M.J.; 1 - 8" THRUST BLK 1 - 8" x 6" REDUCER, M.J. 1 - 6" DUAL PURPOSE SLEEVE, M.J. 1 - 8" DUAL PURPOSE SLEEVE, M.J. 3 - 6" RETAINER GLANDS, M.J. 5 - 8" RETAINER GLANDS, M.J.

603+00

NO.	STATION	OFFSET	DESCRIPTION
1	601+01.76	15.00' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
2	601+85.50	15.00' LT.	1 - 6" x 4" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 4" RETAINER GLANDS, M.J.
3	603+09.81	15.00' LT.	1 - 8" x 6" TAPPING SLEEVE & VALVE, M.J. 1 - 6" TEE BLOCK 1 - 6" RETAINER GLANDS, M.J.

20.06106 - 20.06116

NO.	STATION TO STATION	SIDE	SIZE	LF
5	501+00.00 - 501+54.27	LT.	6"	54
6	600+31.86 - 602+31.86	LT.	6"	200
7	602+64.48 - 603+04.48	LT.	6"	40

* NOTE: CURB STOP AND BOX (CSB) REPLACEMENT IS SUBSIDIARY TO RECONSTRUCT WATER SERVICE.
 CONTRACTOR SHALL COORDINATE ALL REPLACEMENTS WITH LINCOLN WATER SYSTEM.
 (ISC) = AN INTERNAL WATER SERVICE CONNECTION IS REQUIRED.

23.11475 - 23.11600

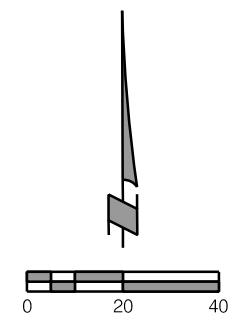
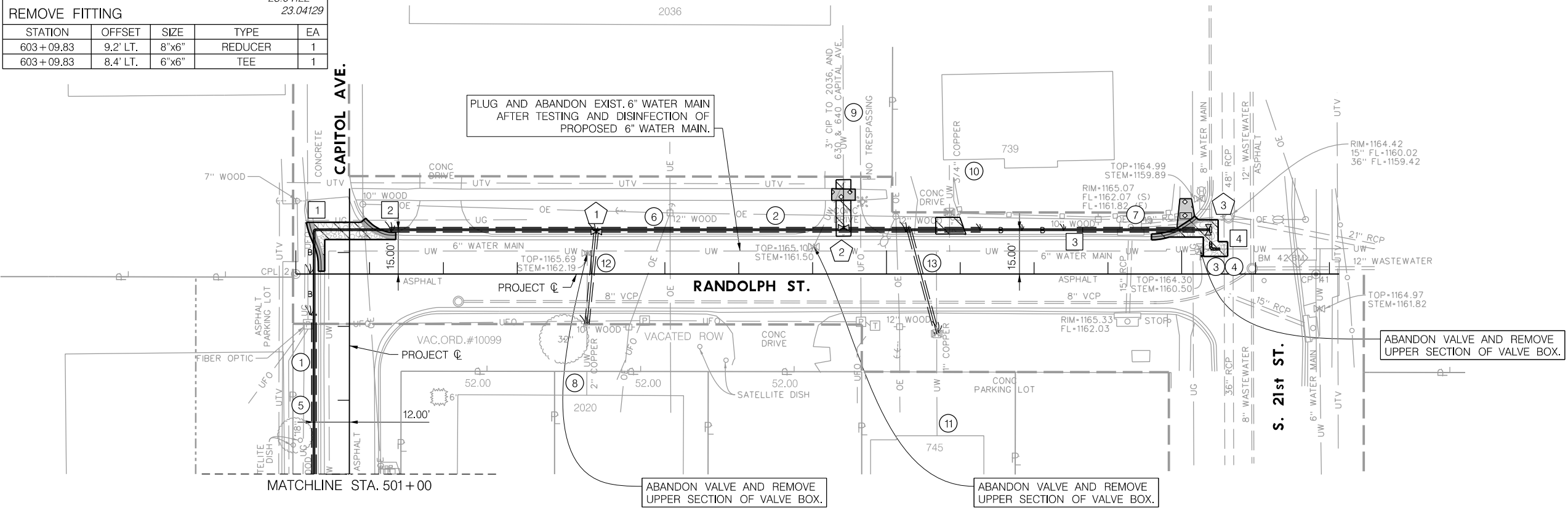
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12	601+01.76 - 600+98.62	LT.-RT.	2"	33
13	602+07.68 - 602+17.02	LT.-RT.	1"	37

23.04004 - 23.04036

STATION TO STATION	SIDE	SIZE	LF
603+09.83	LT.	8"	3
603+09.04 - 603+13.04	LT.	6"	4

23.04122 - 23.04129

STATION	OFFSET	SIZE	TYPE	EA
603+09.83	9.2' LT.	8"x6"	REDUCER	1
603+09.83	8.4' LT.	6"x6"	TEE	1



1.04001

STATION TO STATION	SIDE	CY
600+00.00 - 603+25.00	LT.	12

4.09305 - 4.09310

STATION TO STATION	SIDE	THICK	SF
600+00.00 - 603+25.00	LT.	5"	31
600+00.00 - 603+25.00	LT.	8"	41

4.09601

STATION TO STATION	SIDE	LF
600+00.00 - 603+25.00	LT.	45

5.07005 - 5.07008

STATION TO STATION	SIDE	THICK	SY
600+00.00 - 603+25.00	LT.	6"	26

30.07001 - 30.07004

STATION TO STATION	SIDE	AC
600+00.00 - 603+25.00	LT. & RT.	0.02

1.05001 - 1.09001

STATION TO STATION	SIDE	TYPE	LF
600+00.00 - 603+25.00	LT.	'A'	100
600+00.00 - 603+25.00	LT.	'B'	20
600+00.00 - 603+25.00	LT.	'C'	83

4.09405 - 4.09406

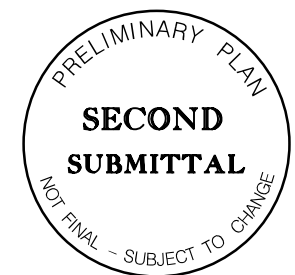
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600+00.00 - 603+25.00	LT.	5"	129

4.11001

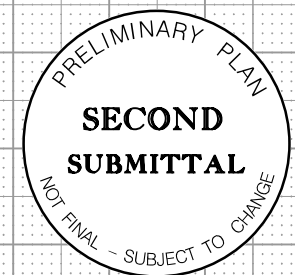
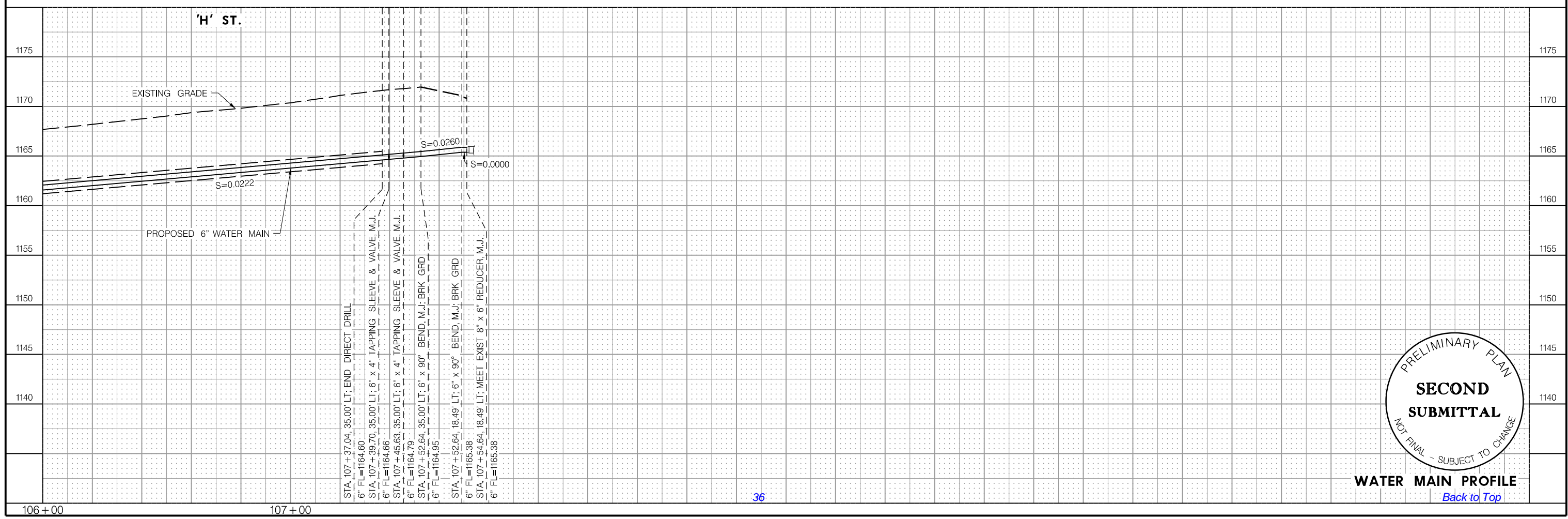
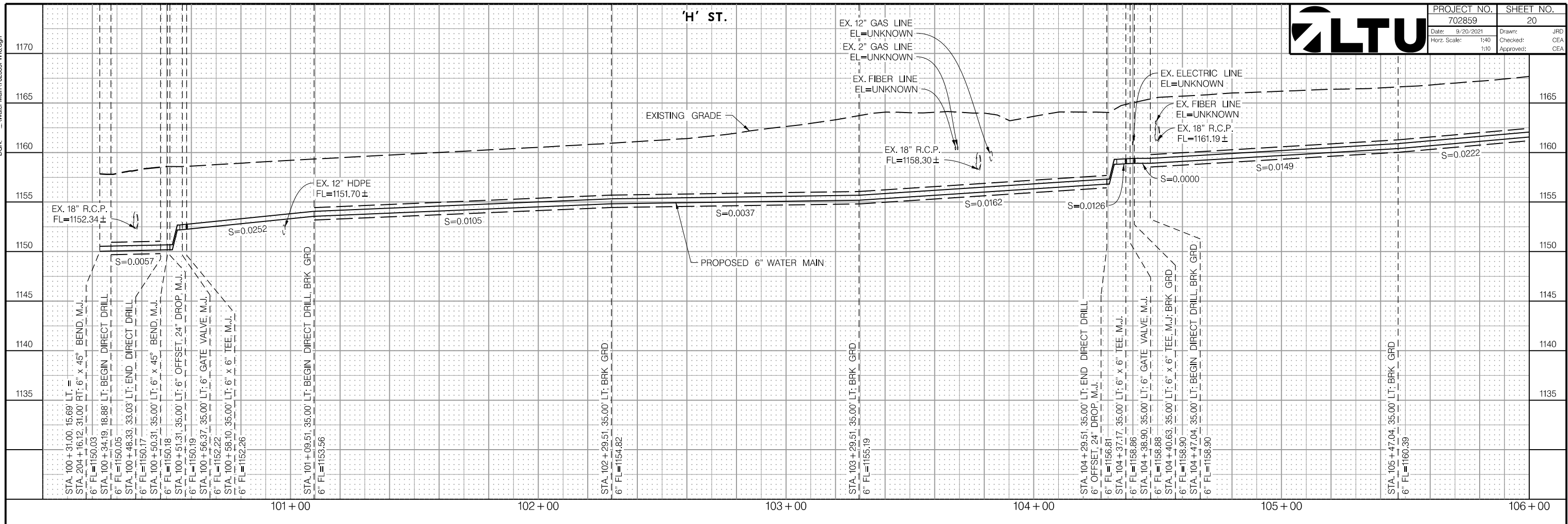
STATION TO STATION	SIDE	SF
600+00.00 - 603+25.00	LT.	8

06.06001 - 06.06004

STATION TO STATION	SIDE	TYPE	TON
600+00.00 - 603+25.00	LT.	3	4



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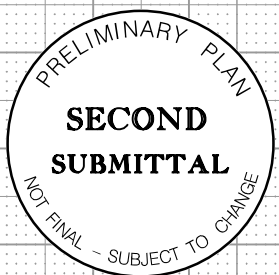
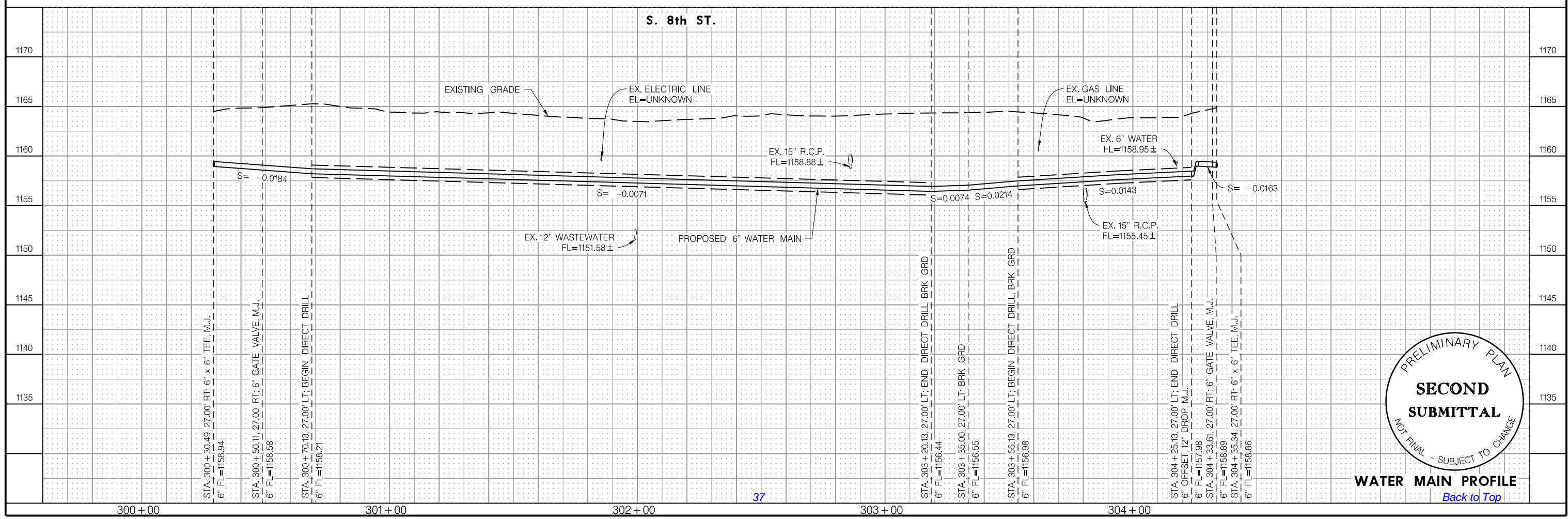
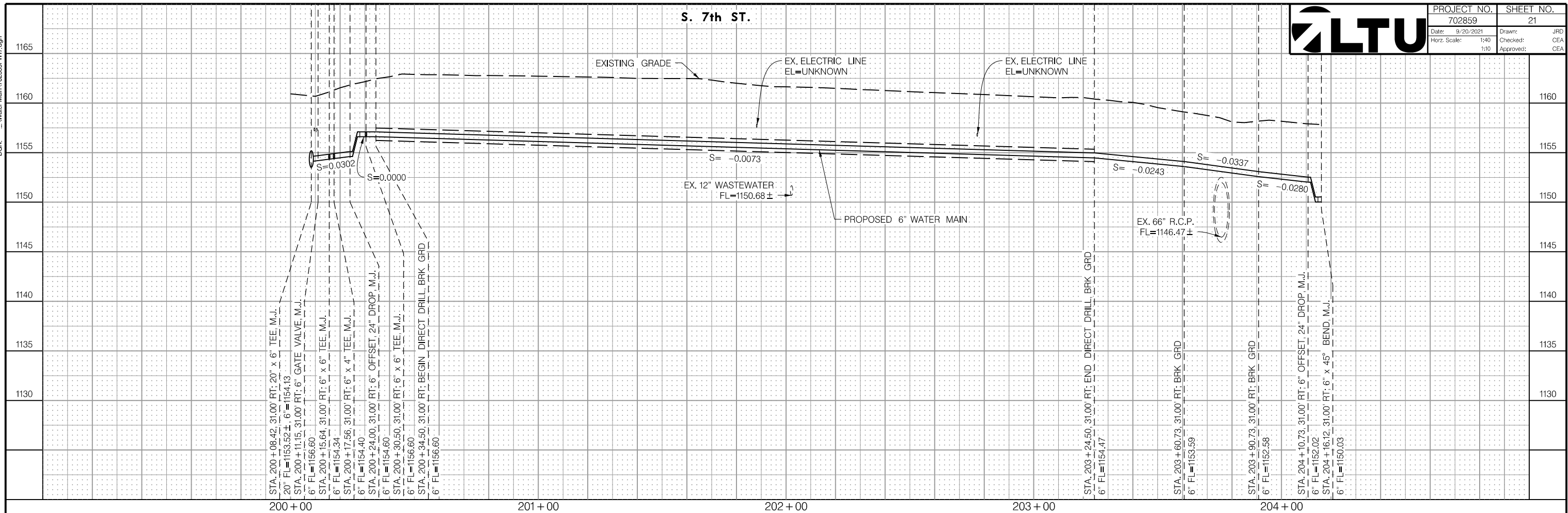


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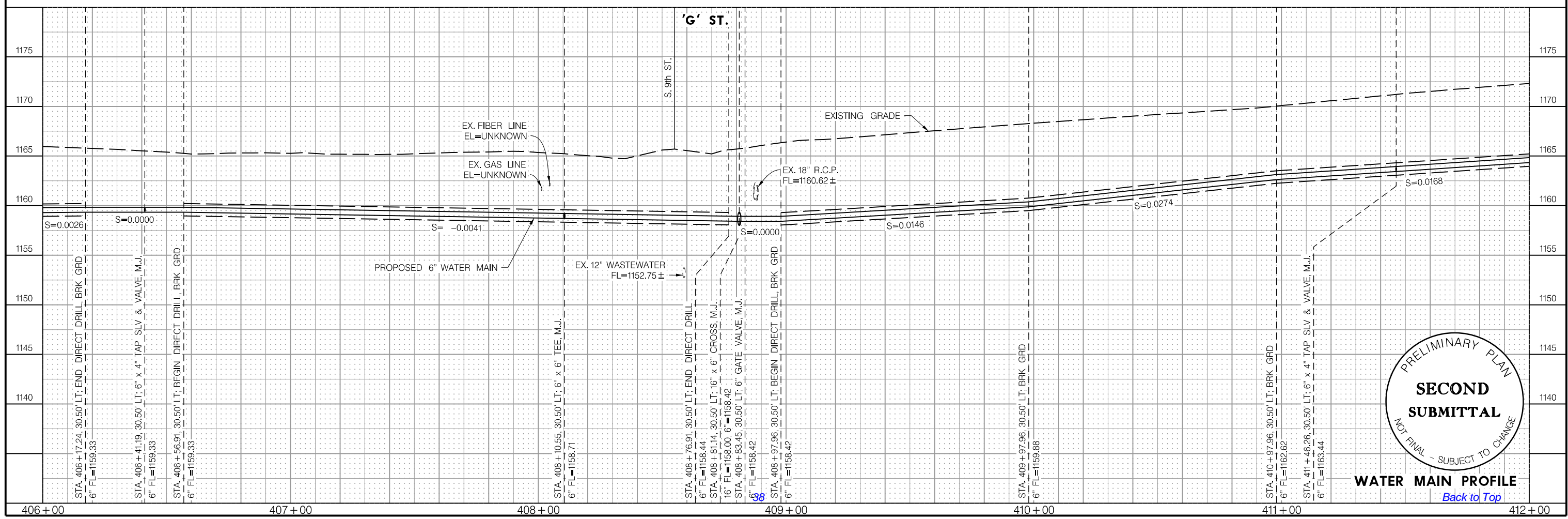
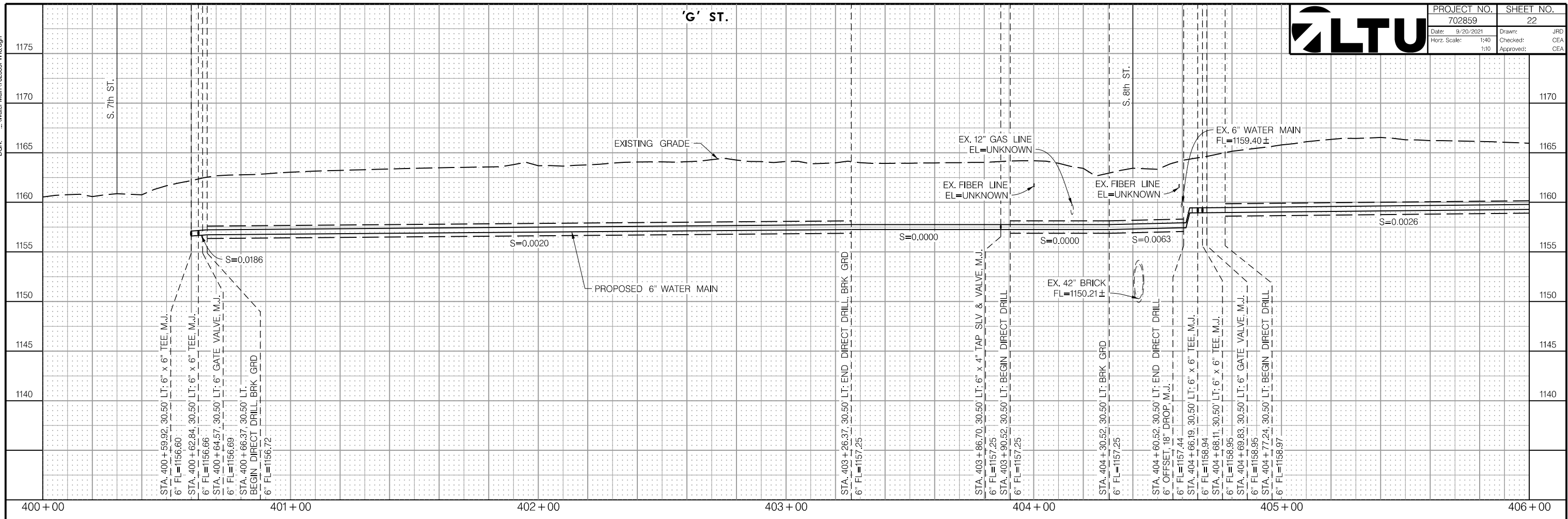


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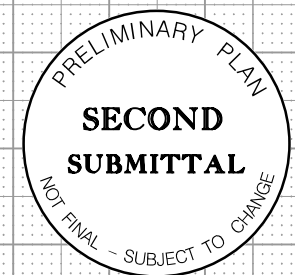
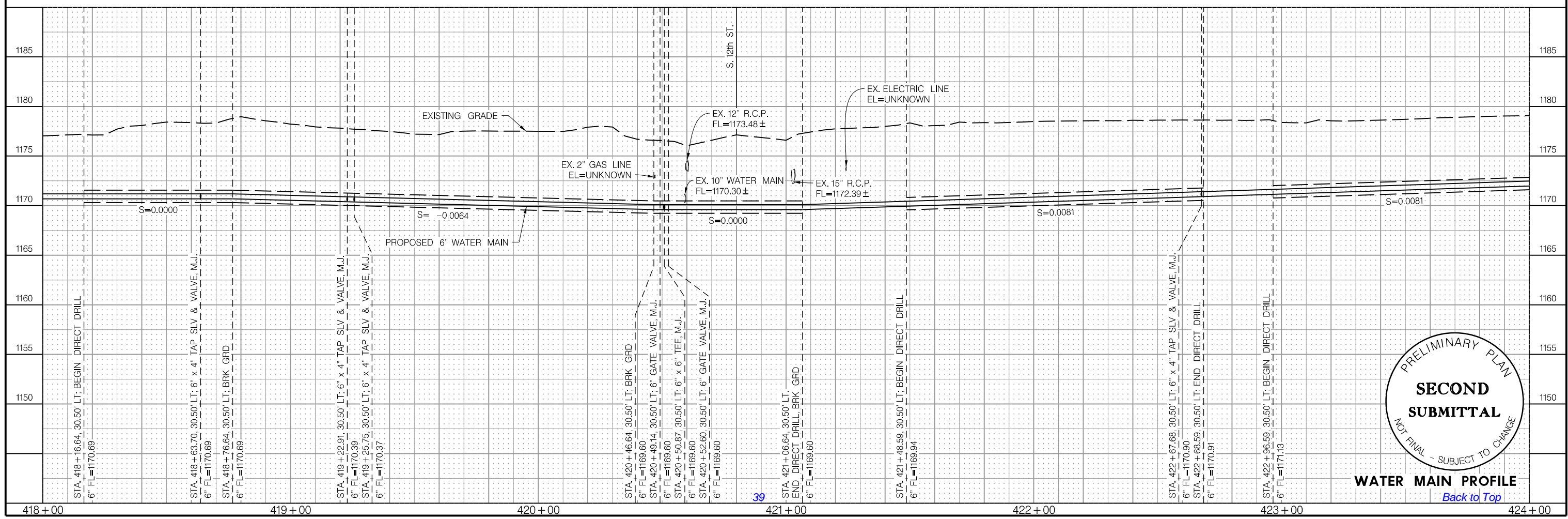
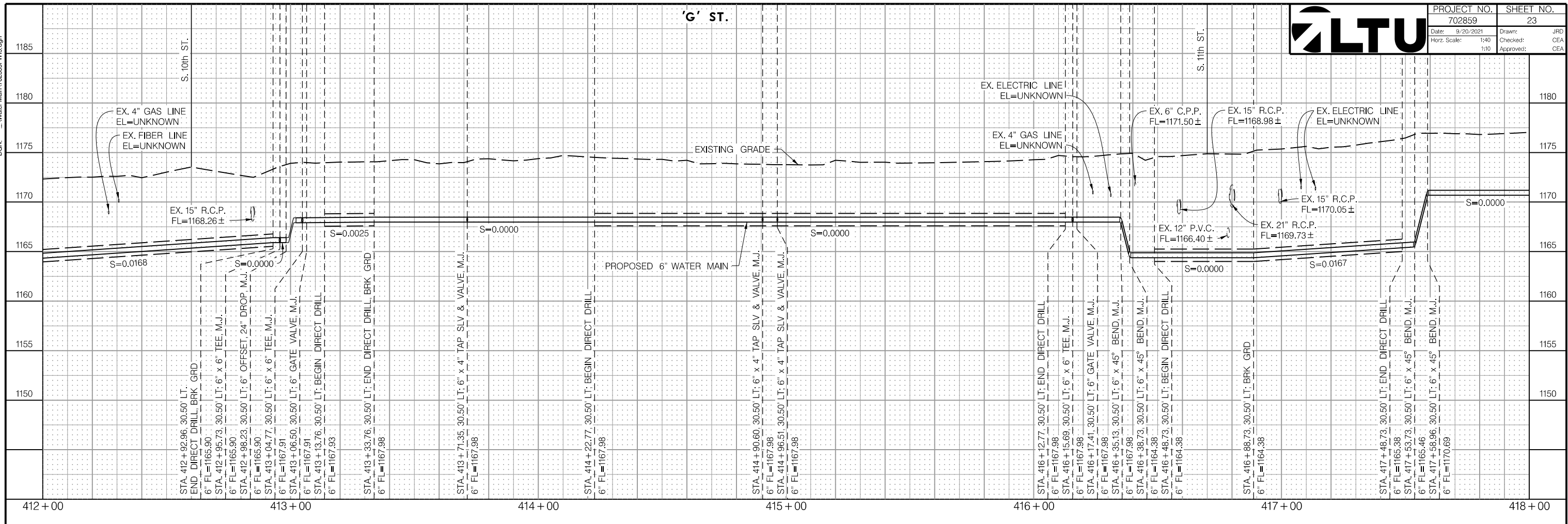
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PRELIMINARY PLAN
**SECOND
 SUBMITTAL**
 NOT FINAL - SUBJECT TO CHANGE

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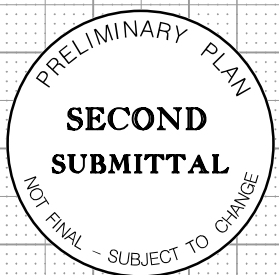
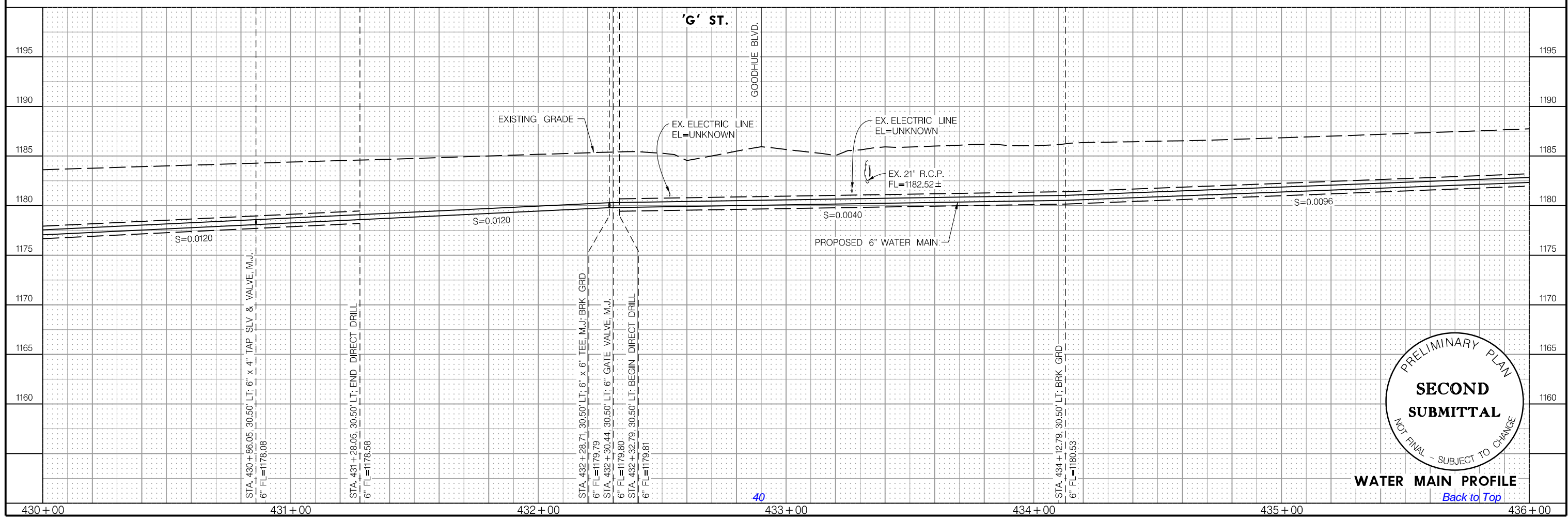
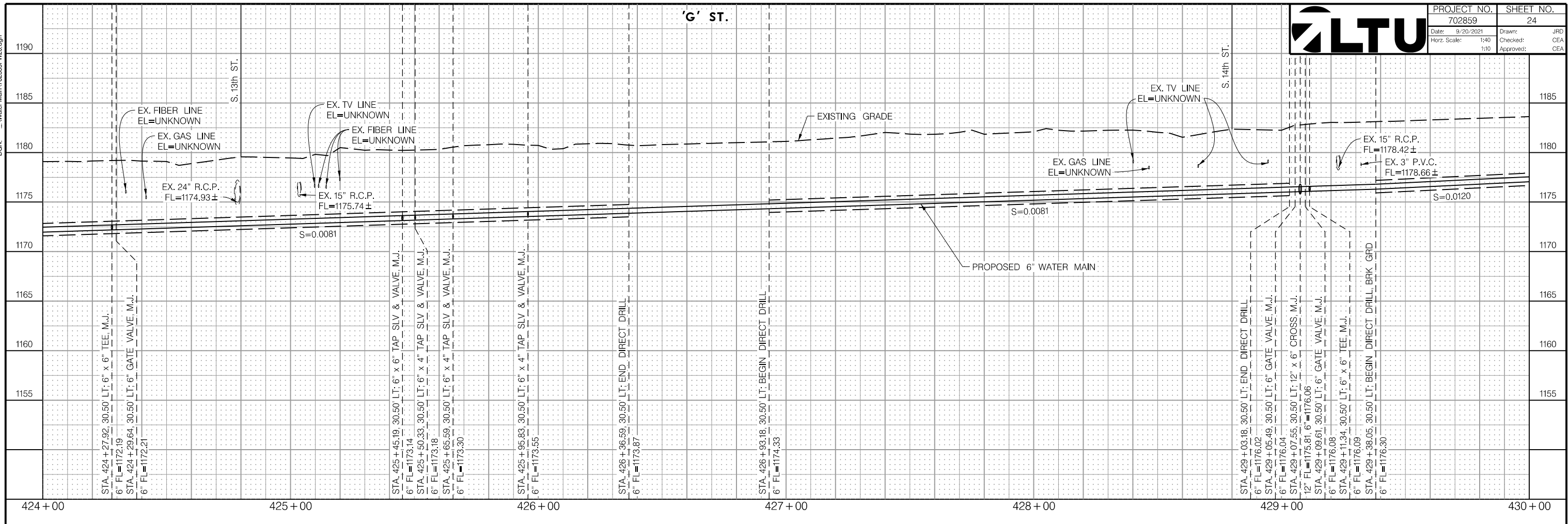


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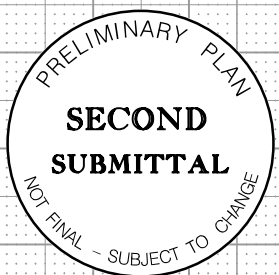
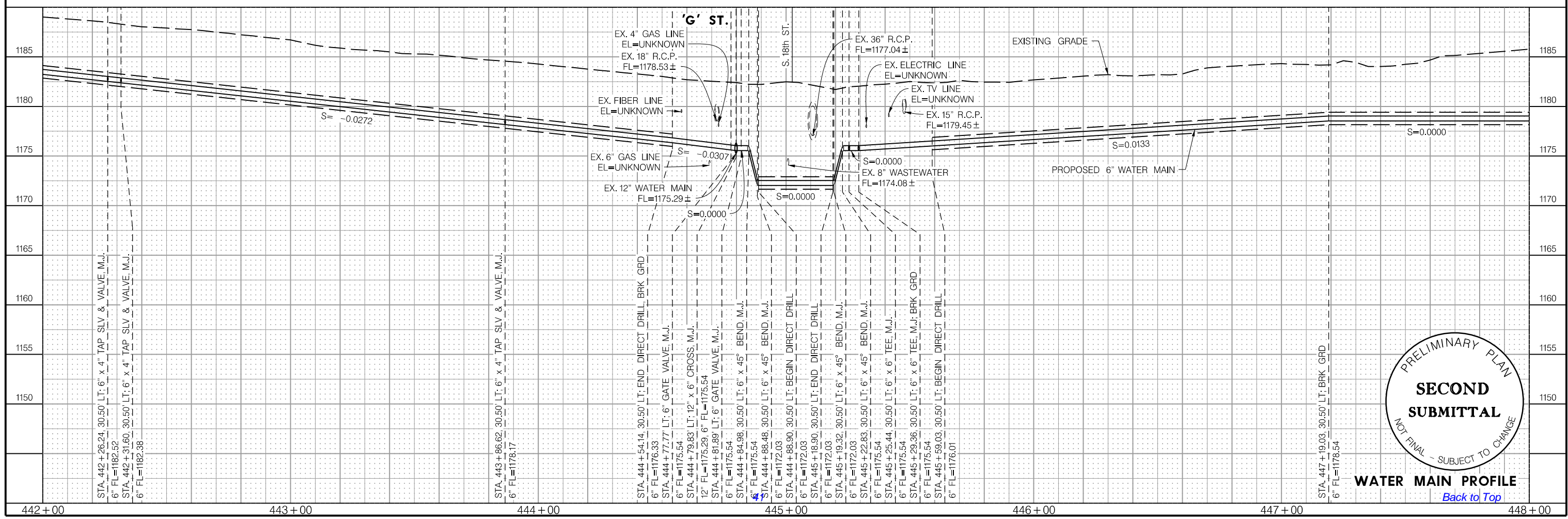
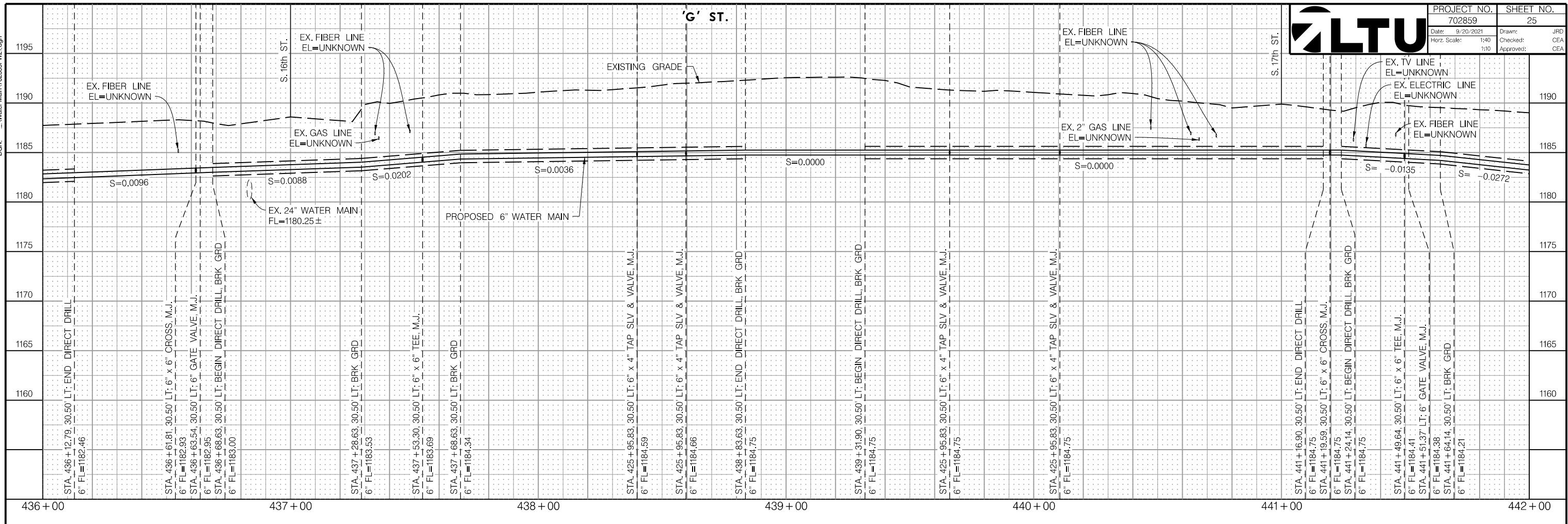


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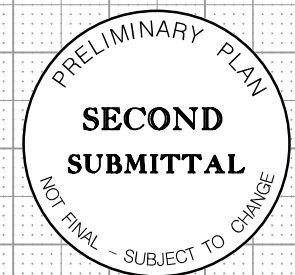
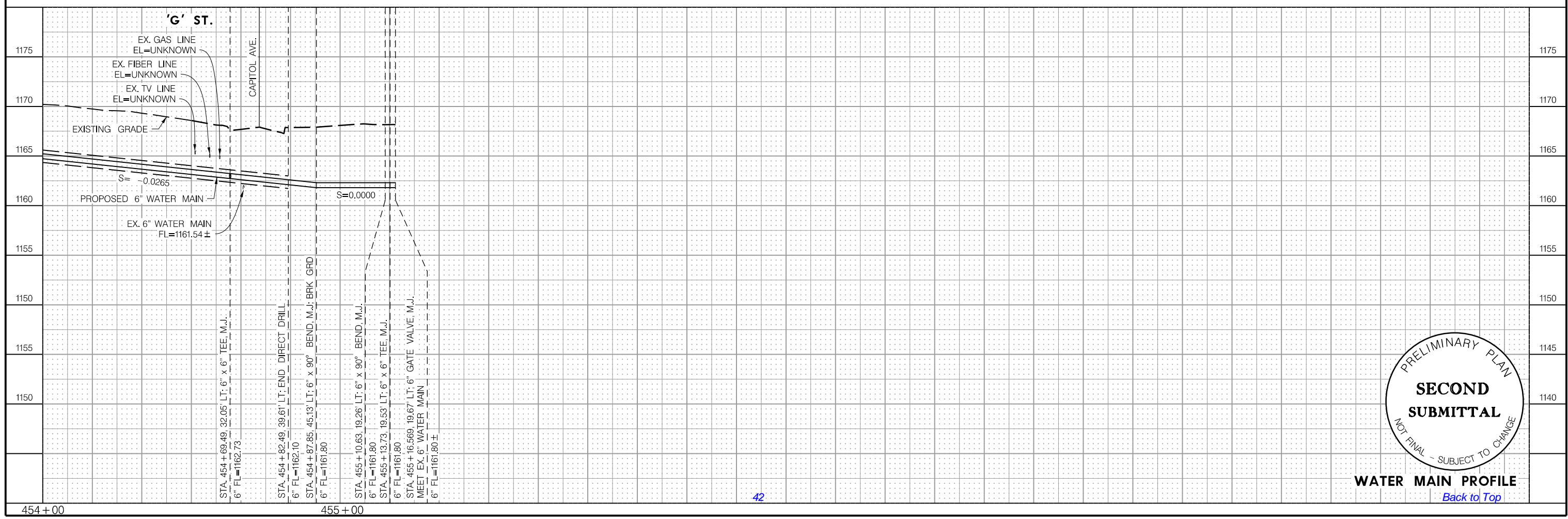
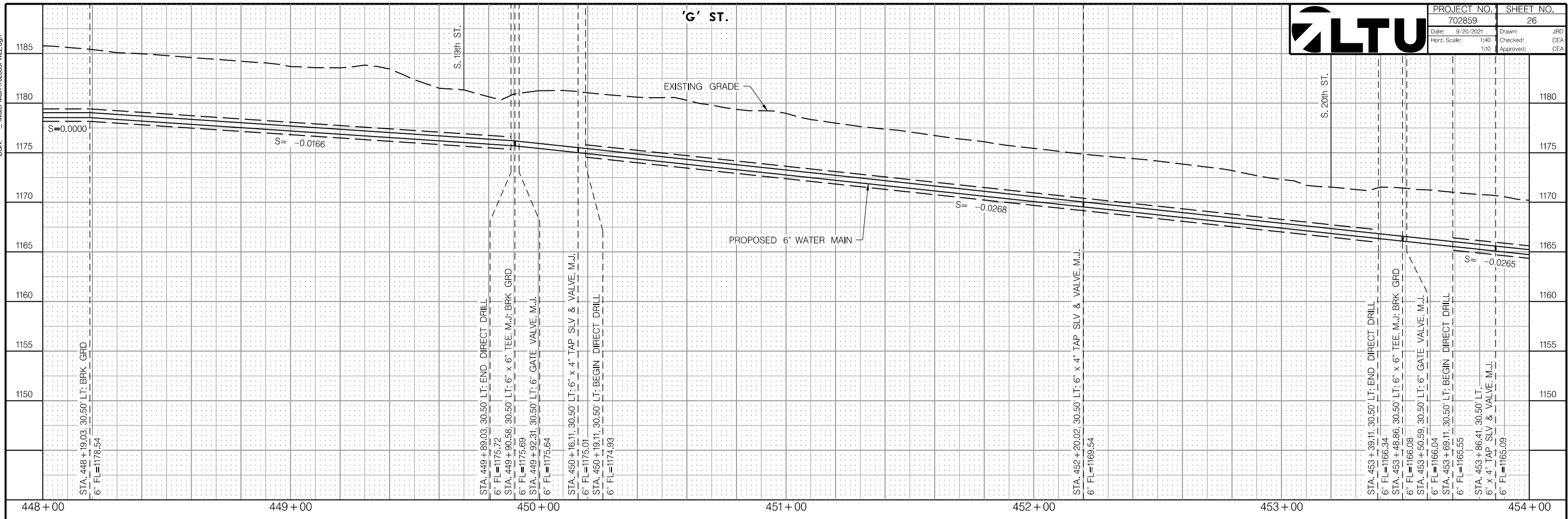
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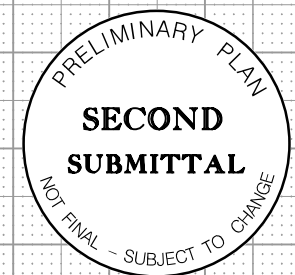
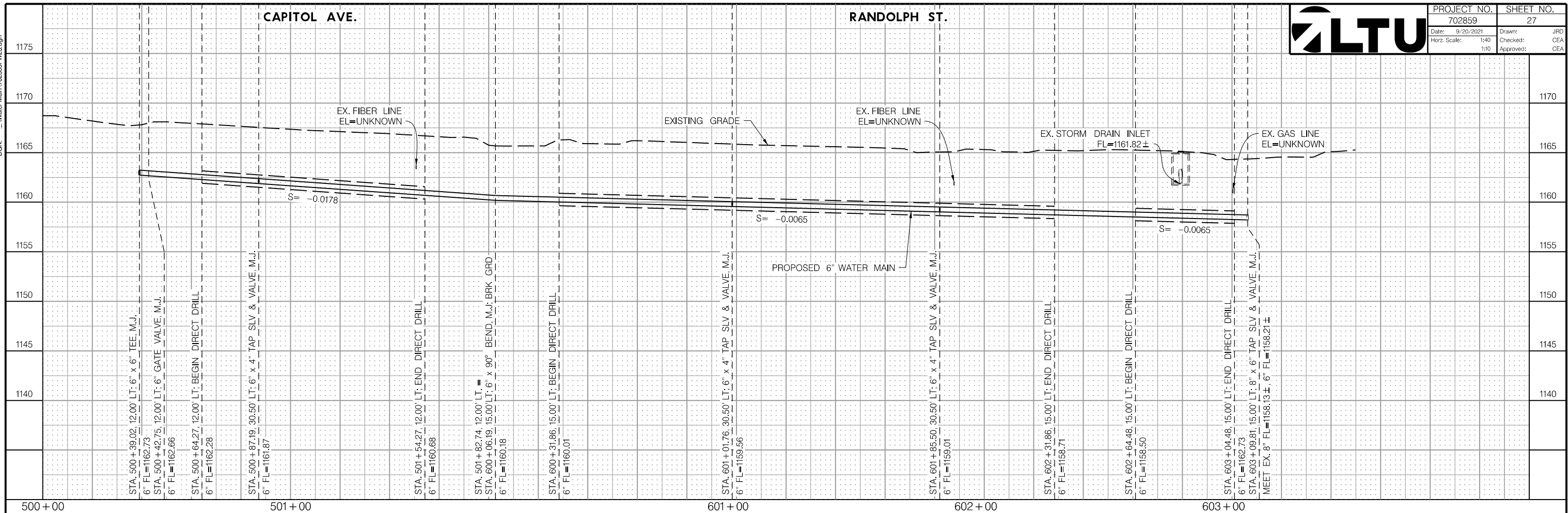


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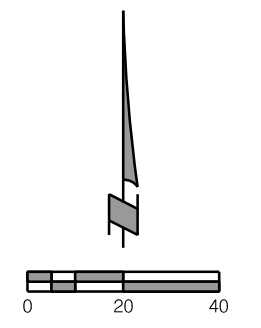
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453+00 454+00 455+00 456+00

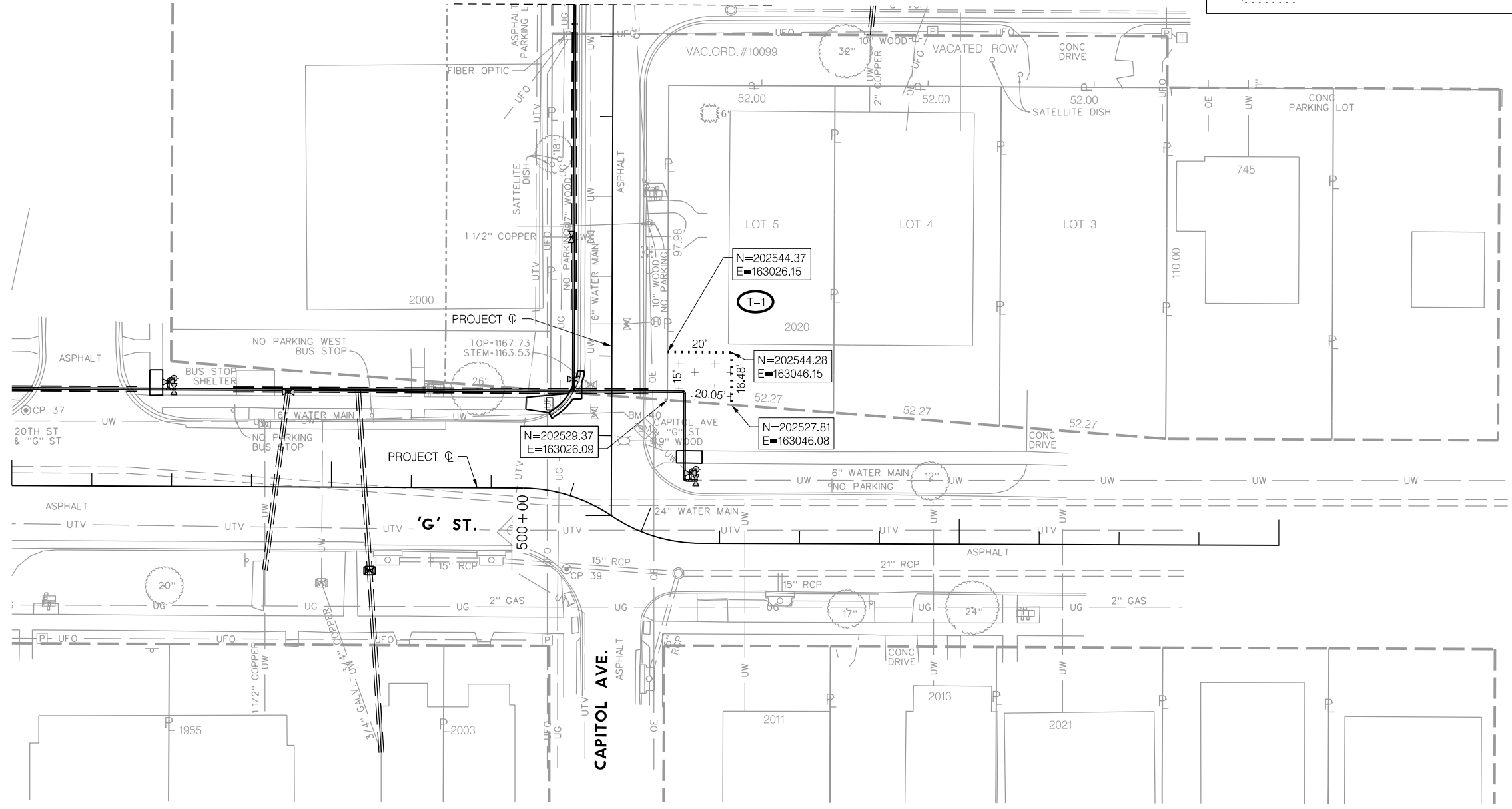
LTU	PROJECT NO.	SHEET NO.
	702859	28
Date: 9/20/2021	Drawn: JRD	
Horz. Scale: 1/40	Checked: CEA	
	Approved: CEA	

LEGEND	
	EXISTING ROW LINE
	EXISTING PROPERTY LINE
	PROPOSED PERMANENT EASEMENT LINE
	PROPOSED PERMANENT EASEMENT



SECTION 25 - T10N - R6E

MATCHLINE STA. 501+60



OWNERSHIP			
TRACT NO.	OWNER	DESCRIPTION	PERM. EASE. SQ. FT.
T-1	CASA PROPERTIES, LLC	LOT 5, BLOCK 2, W. G. HOUTZ'S ADDITION	315



RIGHT-OF-WAY
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