

# GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:  
Kansas One-Call 687-2470  
The Contractor must notify the following in case of an emergency:  
AT&T 1-800-246-8464  
Black Hills Energy 1-800-694-8989  
City of Wichita Water & Sewer 1-316-219-8921  
City of Wichita Stormwater 1-316-268-4090  
City of Wichita Traffic 1-316-268-4034  
Cox Communications 1-888-249-3530  
Kansas Gas Service 1-888-482-4950  
Westar Energy 1-800-544-4857
- Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
- The Engineering Division shall field locate water valve one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match field grades by the contractor.
- The Contractor shall notify the consultant engineer and Tom Mason at 316-268-4574 with the City of Wichita with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.
- If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coon at [traffic@wichita.gov](mailto:traffic@wichita.gov) before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.
- All elevations shown are NAVD 88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

- Any sidewalk, drive approach, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
- City maintenance of storm sewer ends at last structure in the easement.
- A portion of excess excavated material shall be mounded around manholes which extend more than one (1) foot above the existing ground. Such mound shall be constructed with new development a six (6) foot diameter flat top with 4 to 1 side slopes down to the original ground. The elevation of the flat top of the mound shall be 0.4 foot below the top to the manhole.
- Geotechnical report available upon request.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- The inspecting firm shall submit to the City Stormwater Maintenance Division a digital copy of the CCTV inspection of the conduits and structures following construction. The digital file formation shall be compatible with the City input template. A copy of the template is available upon request at 316-268-4090.
- The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.
- All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on-site engineer shall complete weekly reports on the status of erosion control measures. The contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on-site engineer until project is accepted by City of Wichita. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Maintain Existing BMPs".
- All disturbed areas are to be seeded as follows:  
Seed --- Rye grass; 5 lbs./1000 Sq. Ft.  
All costs associated with seeding including mobilization, preparation of ground, seeding, fertilizing, mulching, etc. shall be included in the L.S. bid item "Seeding".
- The Contractor shall not begin work on the project until the Project Inspector is assigned and on site. Any work completed without inspection will be required to be uncovered for inspection at the Contractor's expense.

## Benchmarks

BM #1: Disc on top of curb, east side of Toben, ~130' north of CL 39th St. N. Elev. = 1407.17 NAVD 88

BM #2: "□" Chiseled on, west side of Toben, ~775' north of CL 39th St. N. Elev. = 1415.83 NAVD 88

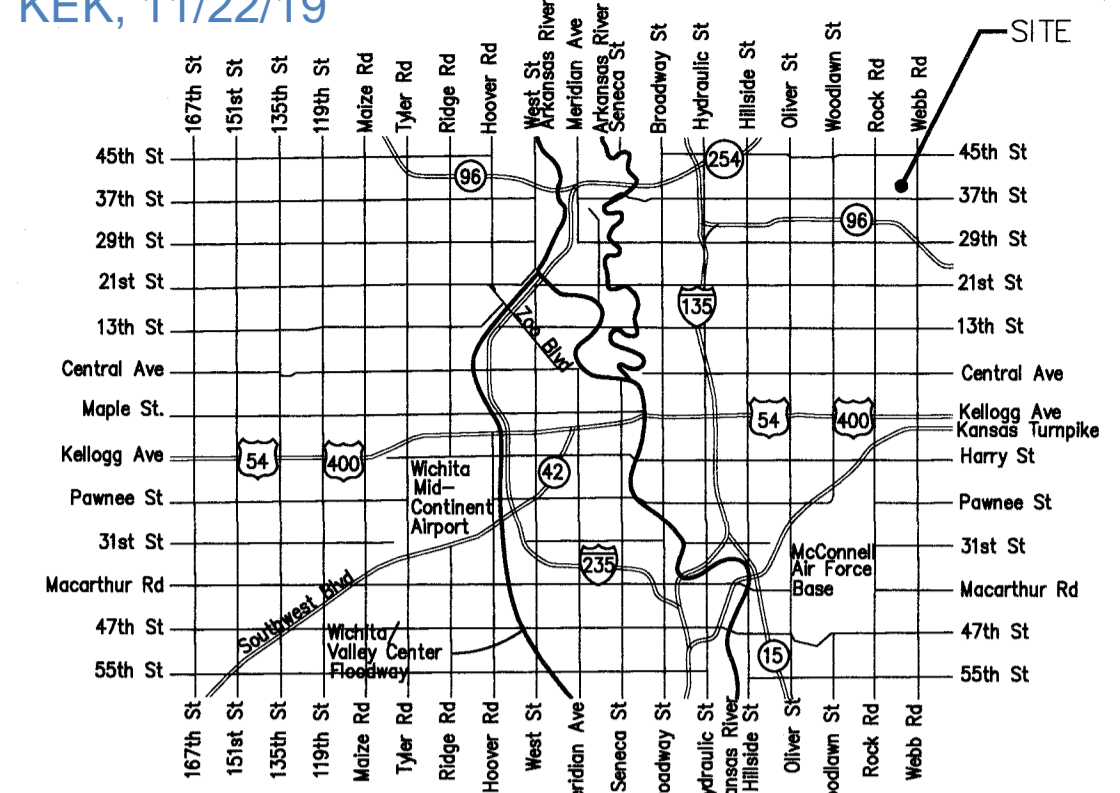
# STORM SEWER IMPROVEMENTS to serve WEBB BUSINESS PARK

9306 39th St. N.  
CITY OF WICHITA, KANSAS

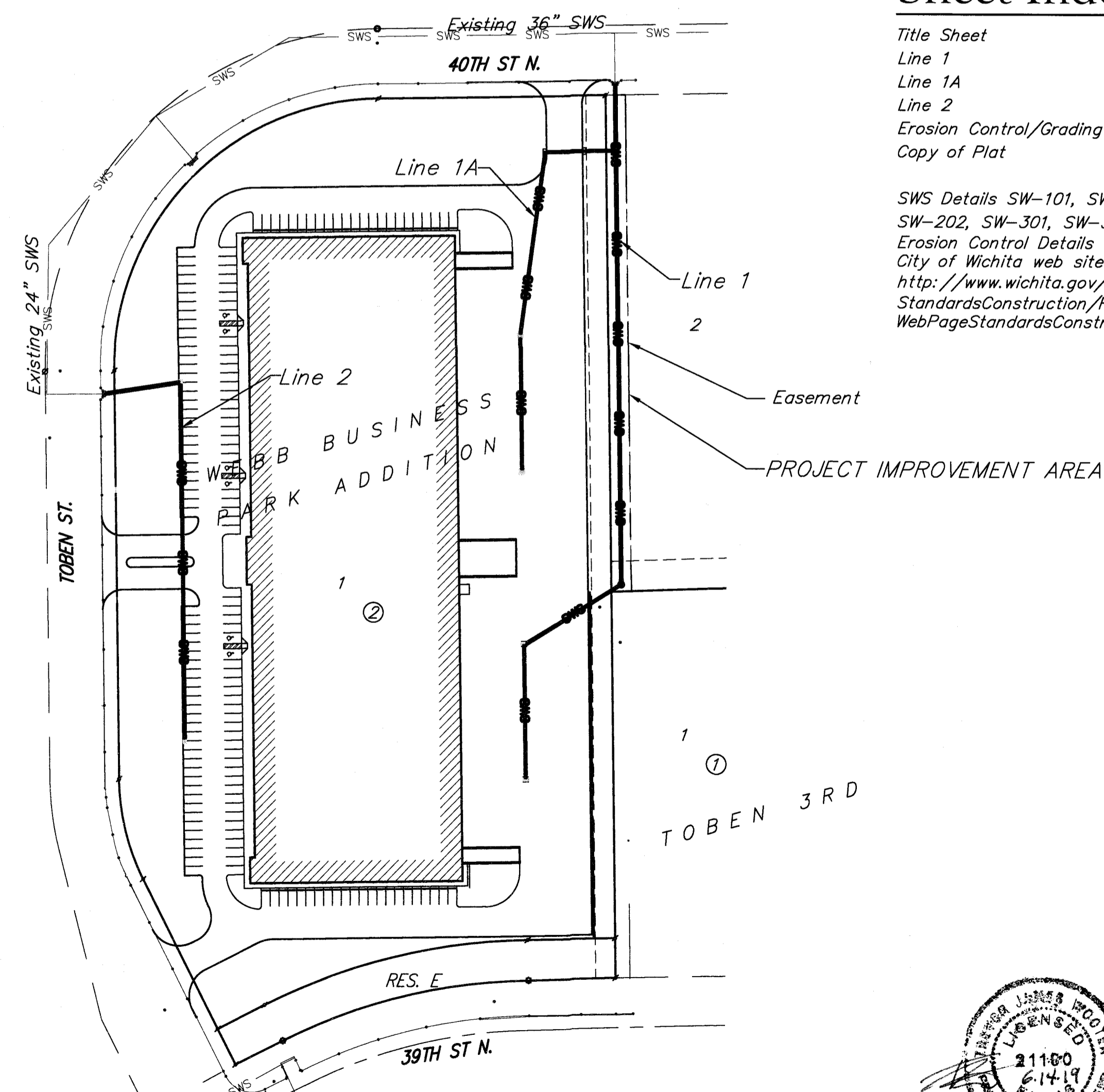
Gary Janzen, P.E. City Engineer  
Project Number  
580 PPD (133119)

Line 1, 0+00 to 5+30.2 is public.  
Line 1, 5+30.2 to 7+53.7 is private  
Line 2 is private.

AS BUILT PLANS  
Contractor: Sooter Excavating  
Inspector: Fred Smith, Baughman Co.  
As Built by: KEK, 11/22/19



Vicinity Map



## Sheet Index

- Title Sheet
- Line 1
- Line 1A
- Line 2
- Erosion Control/Grading Plan
- Copy of Plat

SWS Details SW-101, SW-201, SW-202, SW-301, SW-303 and Erosion Control Details available at City of Wichita web site at <http://www.wichita.gov/PWU/StandardsConstruction/Forms/WebPageStandardsConstruction.aspx>

- 1
- 2-3
- 4
- 5
- 6
- 7

**Stormwater Certification:**

New Development  Redevelopment (Circle One)

Stormwater Permit # SW22219-0735

NOI Permit # S-AR94-1559 KRS114745

These construction plans were prepared in accordance with the current Stormwater management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.

Site Area (Acres) = 9.5 Ac.

Disturbed Area (Acres) = 9.5 Ac.

Water Quality Treatment: Offsite BMP program

Downstream Channel Protection: N/A

Detention: Regional pond to the NW

The BMP used for this development is construction entrance, silt fence, curb inlet protection, drop inlet protection

APPROVED AS NOTED  
BY WICHITA PUBLIC WORKS ENGINEERING  
AND STORMWATER DIVISION

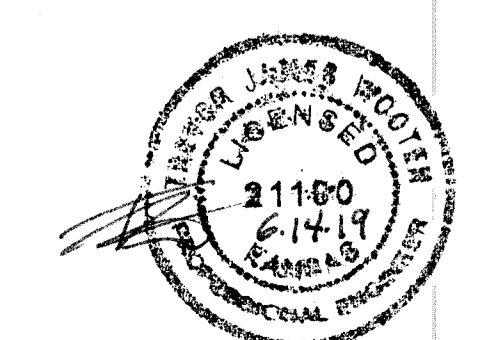
Engineering Aeth Gatchey 6.17.19

Stormwater Joe Hinkle 6.17.19

NOTE TO CONTRACTORS

Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said Inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the state of Kansas. No work shall be performed by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the current City of Wichita Specifications and Standards and Special Provisions (on file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on-site.



**BENCHMARKS:**  
 BM #1: Disc on top of curb, east side of Toben, ~130' north of CL 39th St. N. Elev. = 1407.17 NAVD 88

BM #2: " " Chiseled on, west side of Toben, ~775' north of CL 39th St. N. Elev. = 1415.83 NAVD 88

City maintenance of SWS ends at right-of-way.

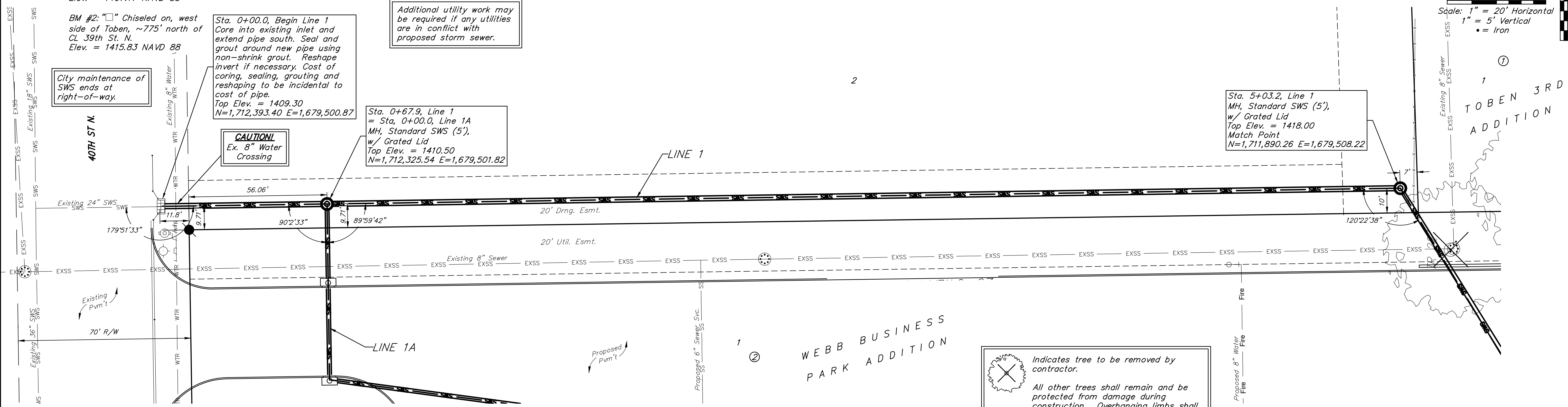
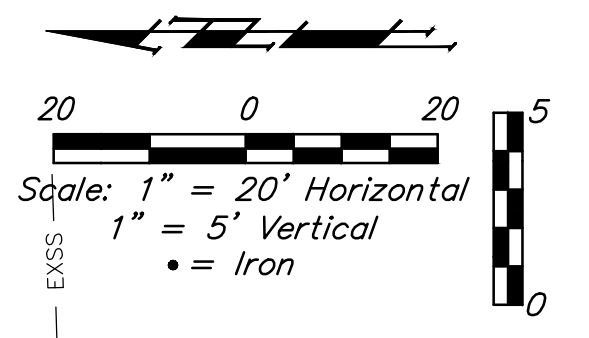
Sta. 0+00.0, Begin Line 1  
 Core into existing inlet and extend pipe south. Seal and grout around new pipe using non-shrink grout. Reshape invert if necessary. Cost of coring, sealing, grouting and reshaping to be incidental to cost of pipe.  
 Top Elev. = 1409.30  
 N=1,712,393.40 E=1,679,500.87

Additional utility work may be required if any utilities are in conflict with proposed storm sewer.

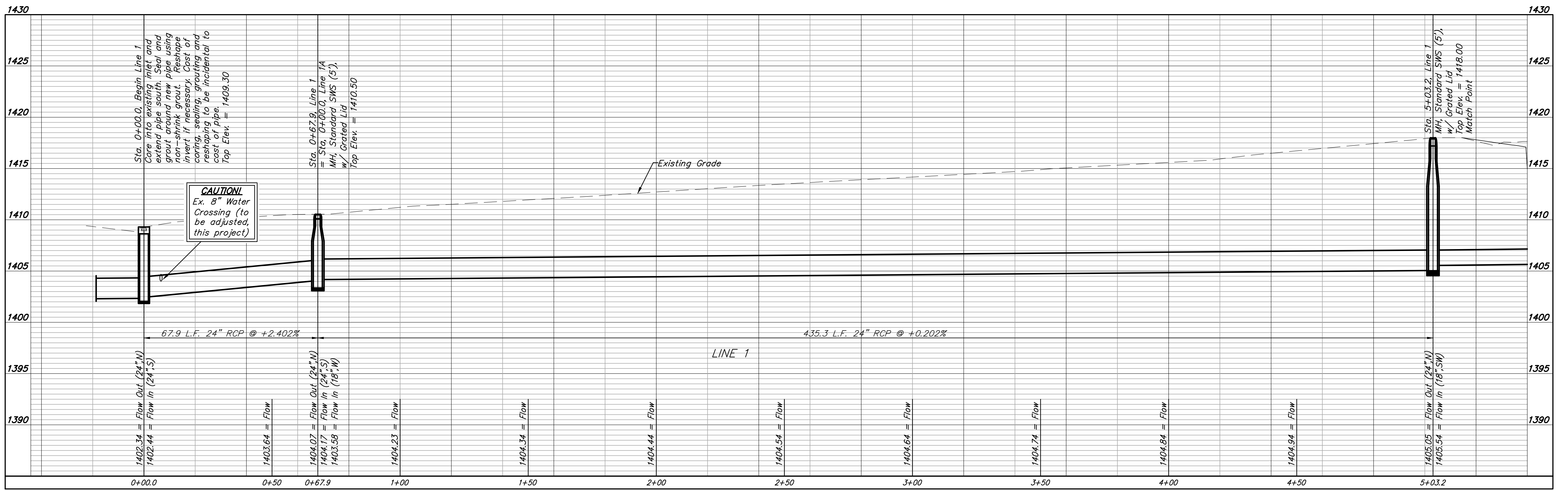
Sta. 0+67.9, Line 1  
 = Sta. 0+00.0, Line 1A  
 MH, Standard SWS (5'), w/ Grated Lid  
 Top Elev. = 1410.50  
 N=1,712,325.54 E=1,679,501.82

**CAUTION!**  
 Ex. 8" Water Crossing

Sta. 5+03.2, Line 1  
 MH, Standard SWS (5'), w/ Grated Lid  
 Top Elev. = 1418.00  
 Match Point  
 N=1,711,890.26 E=1,679,508.22

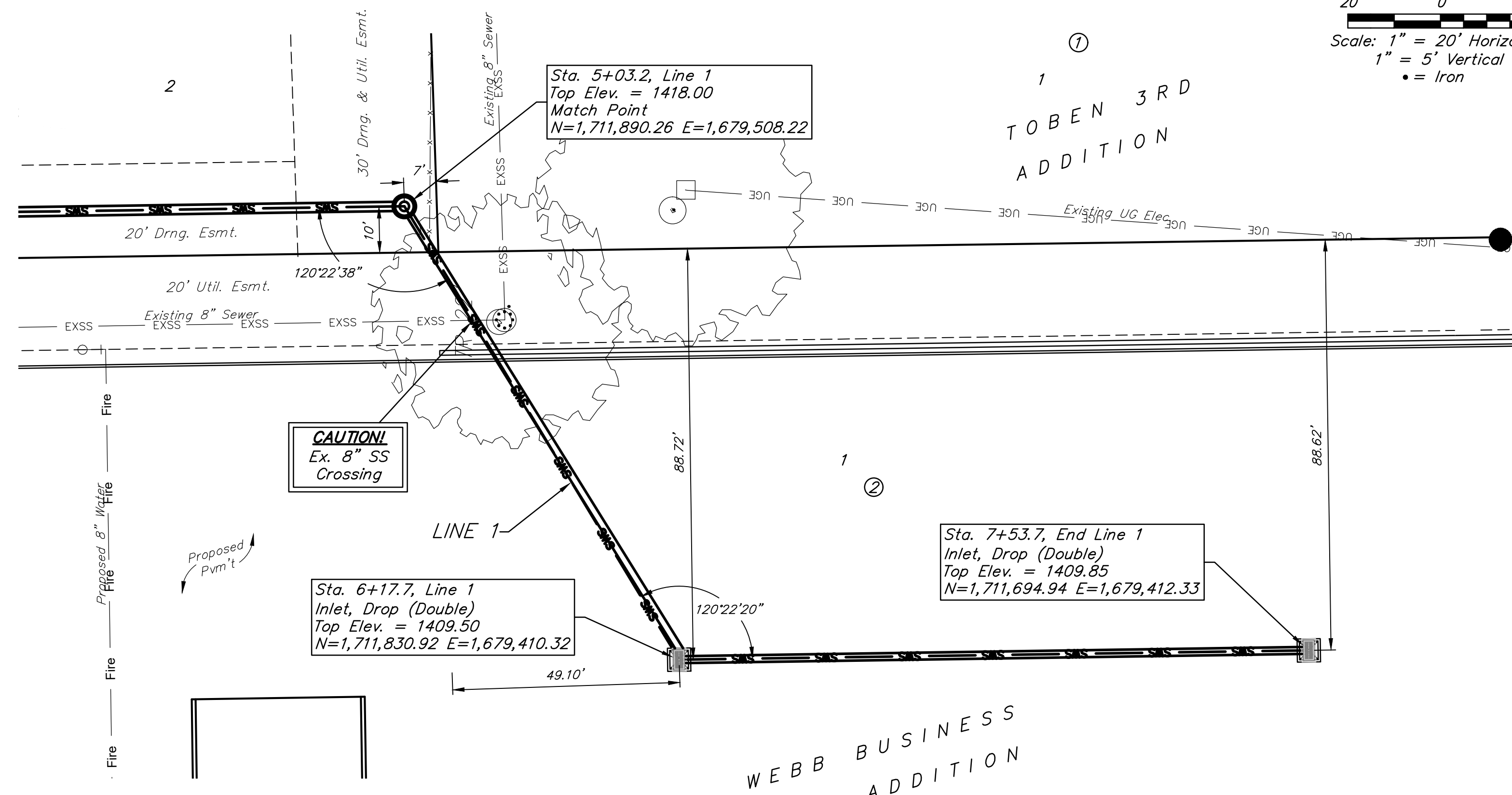
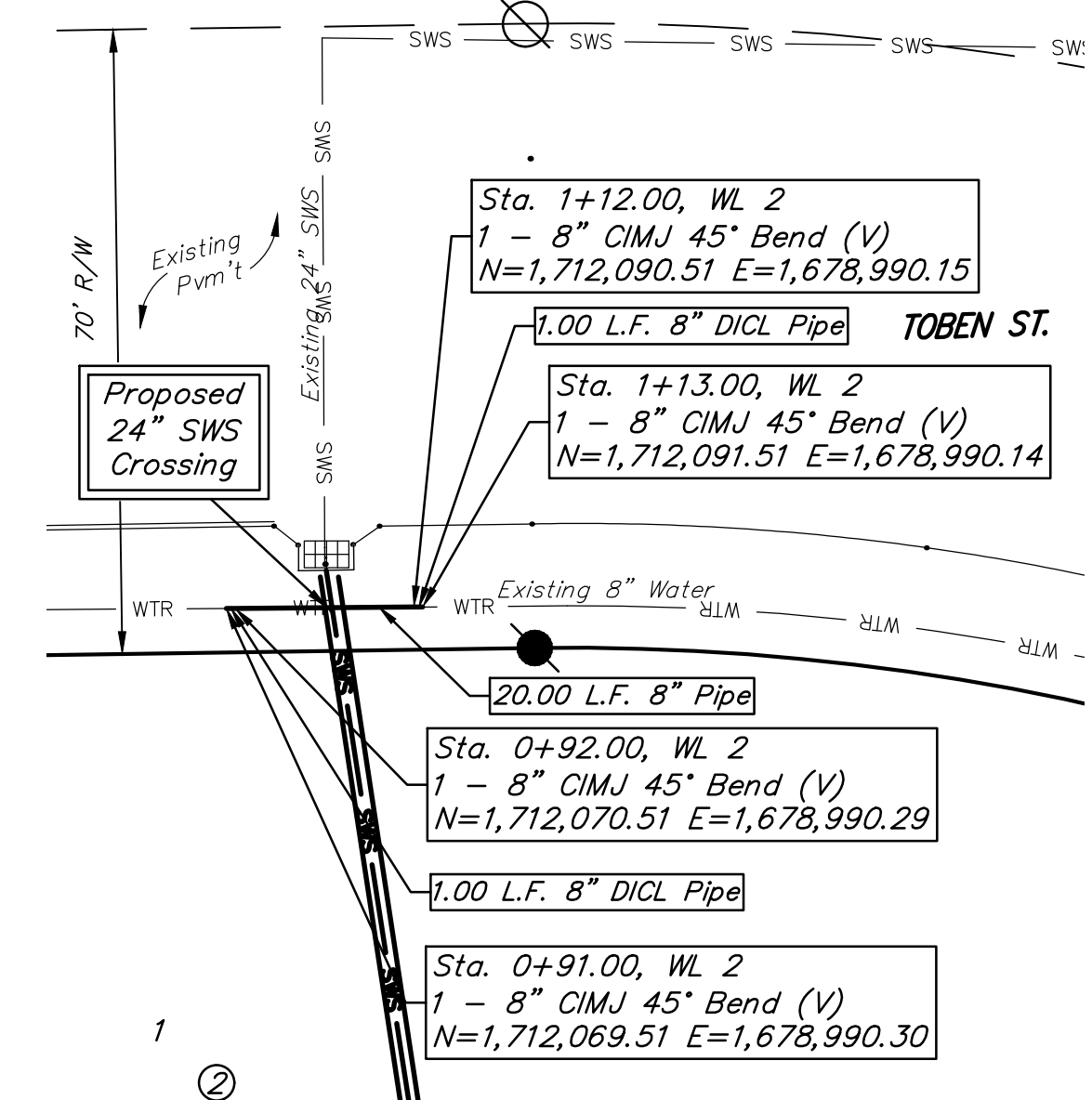
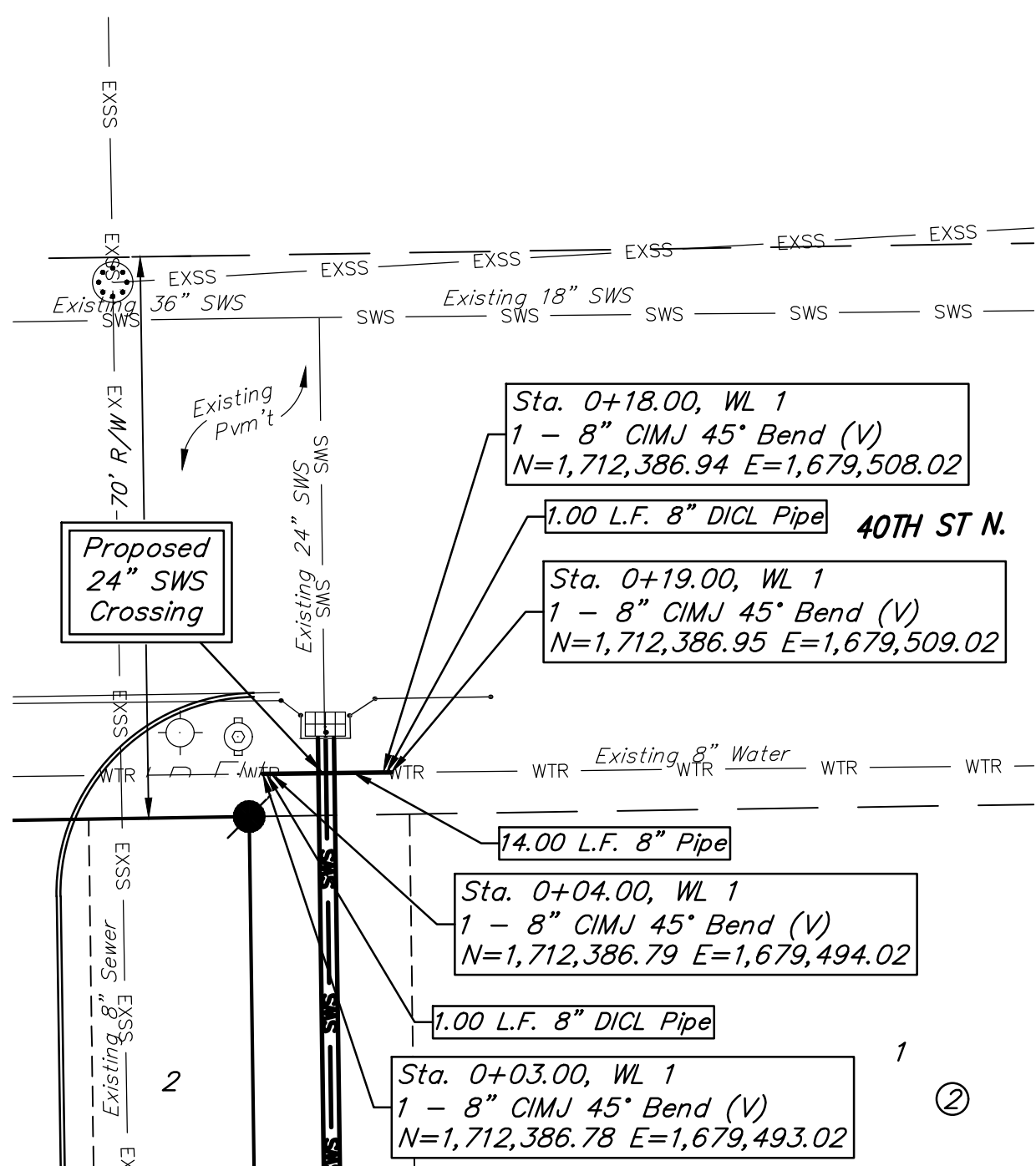
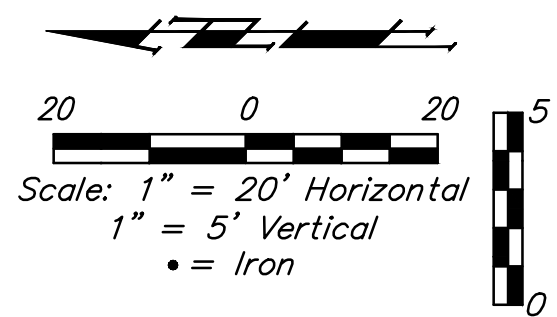


Indicates tree to be removed by contractor.  
 All other trees shall remain and be protected from damage during construction. Overhanging limbs shall be trimmed by the Contractor only as necessary for construction and with approval of the Engineer.



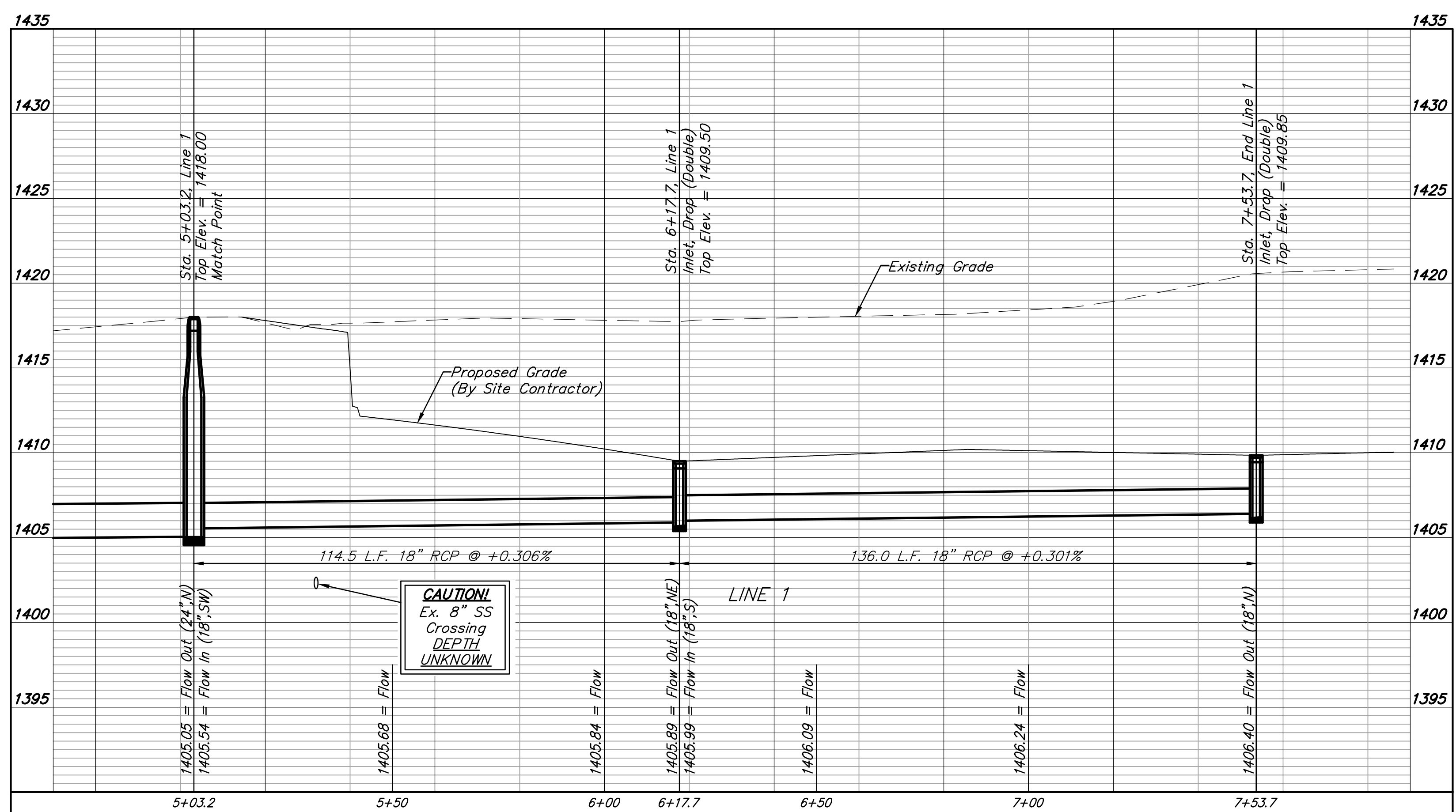
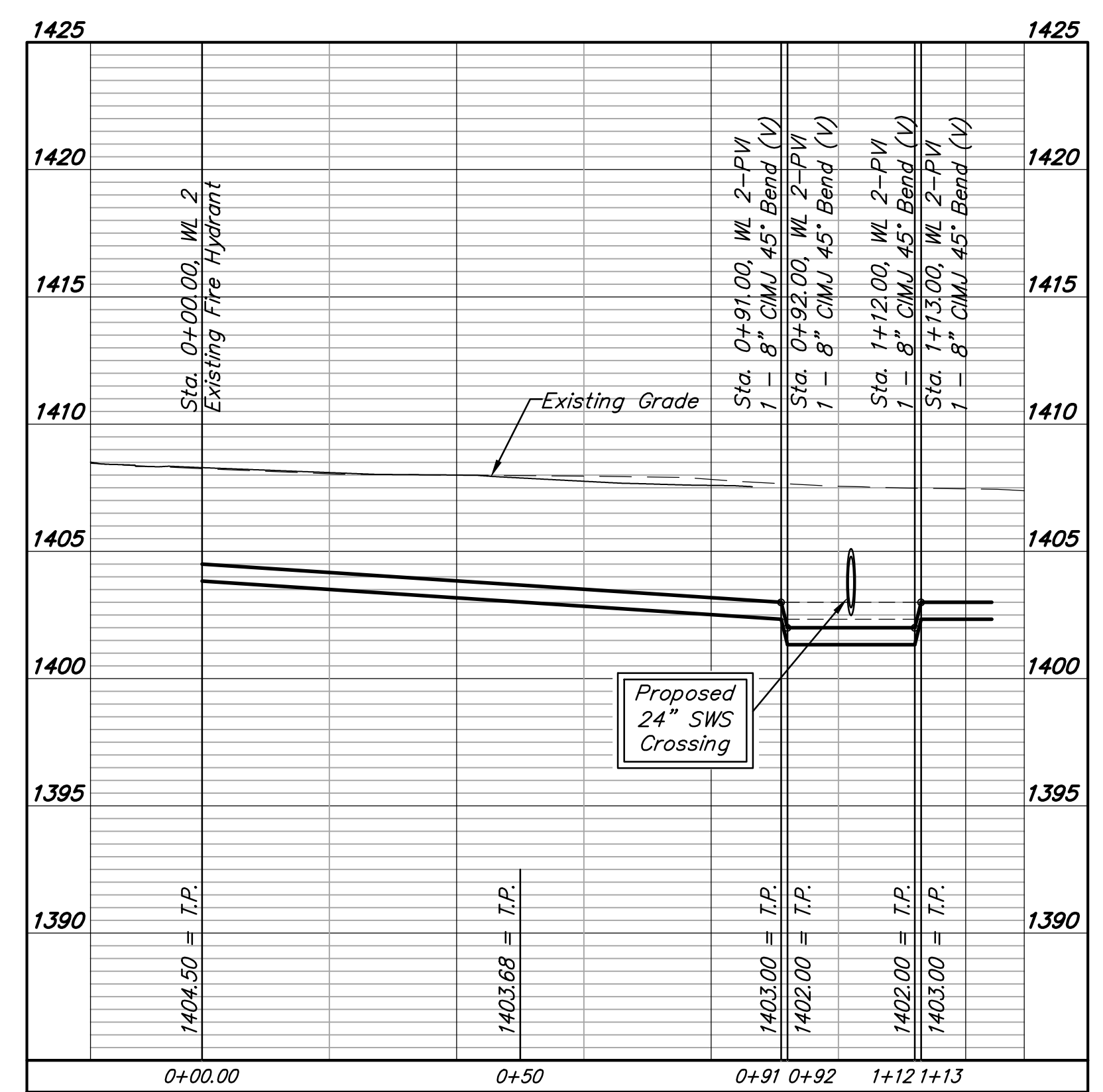
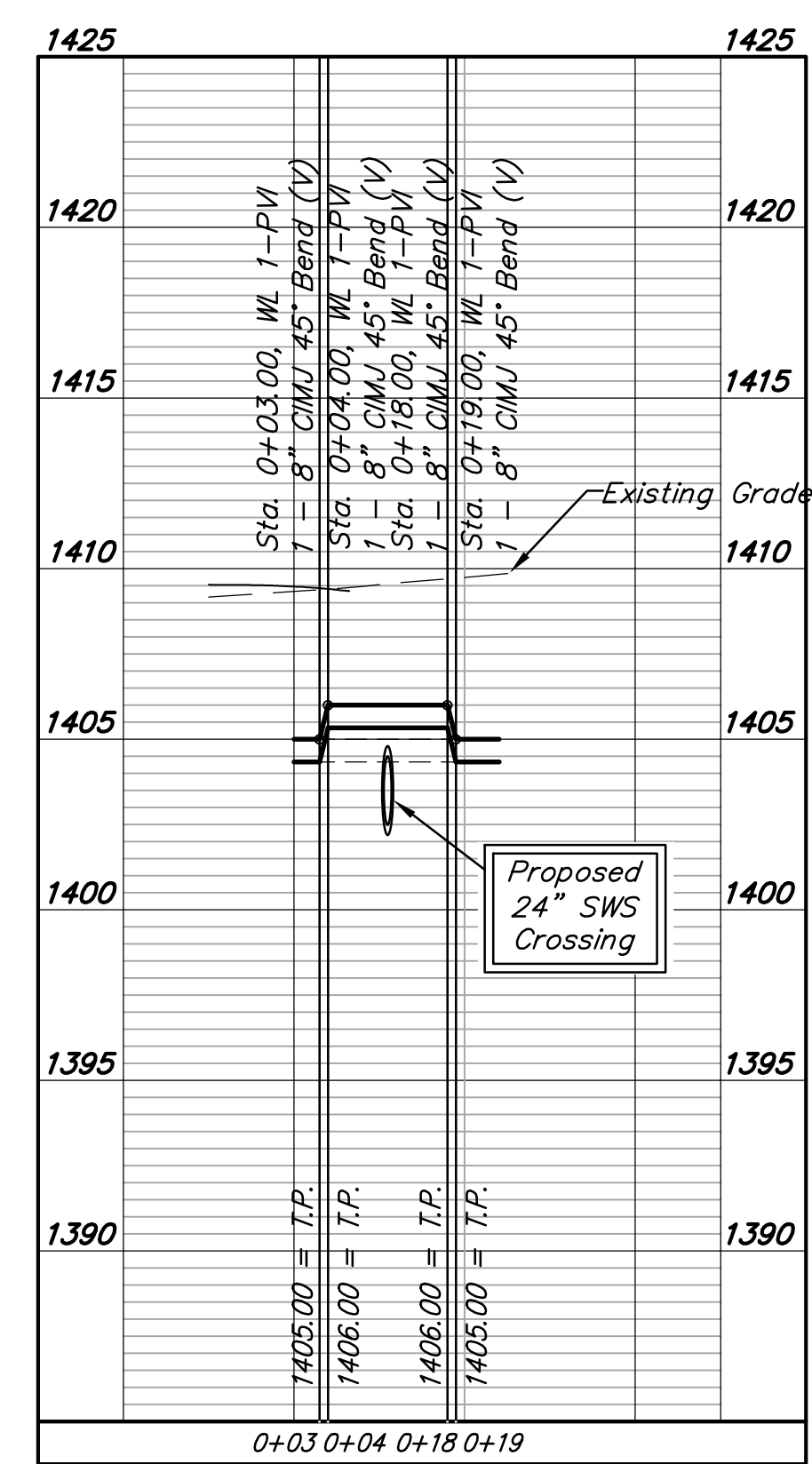
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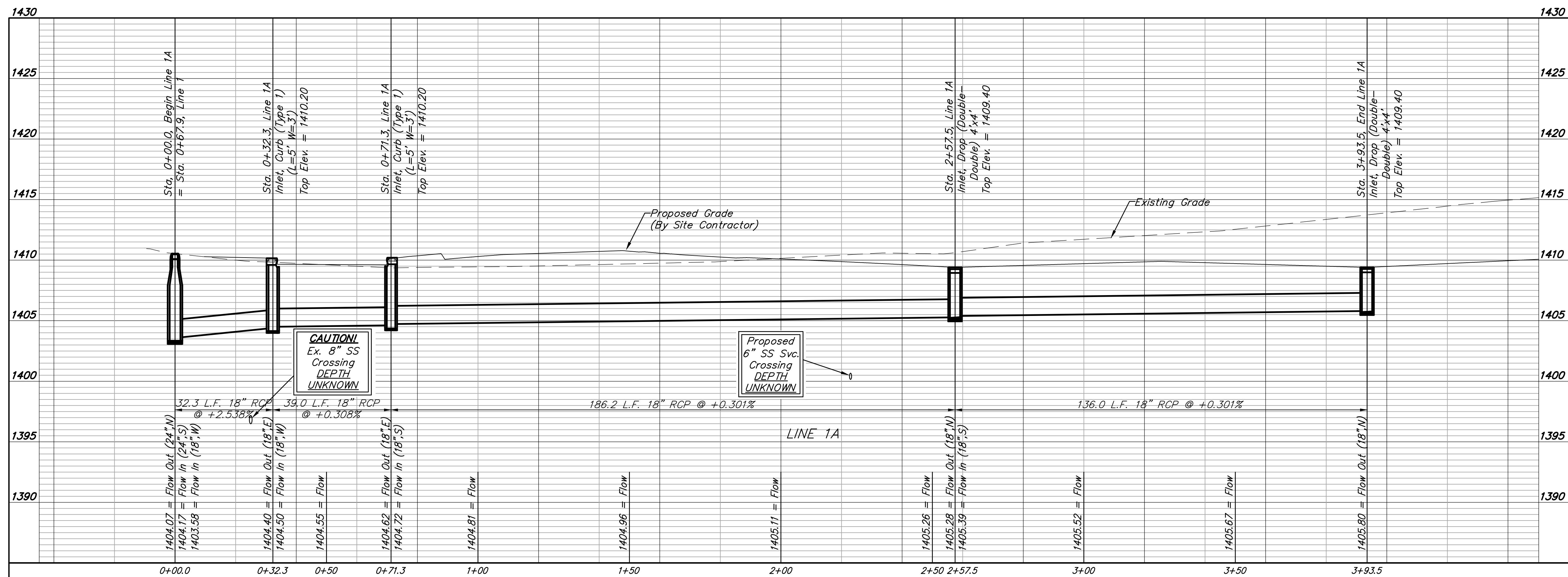
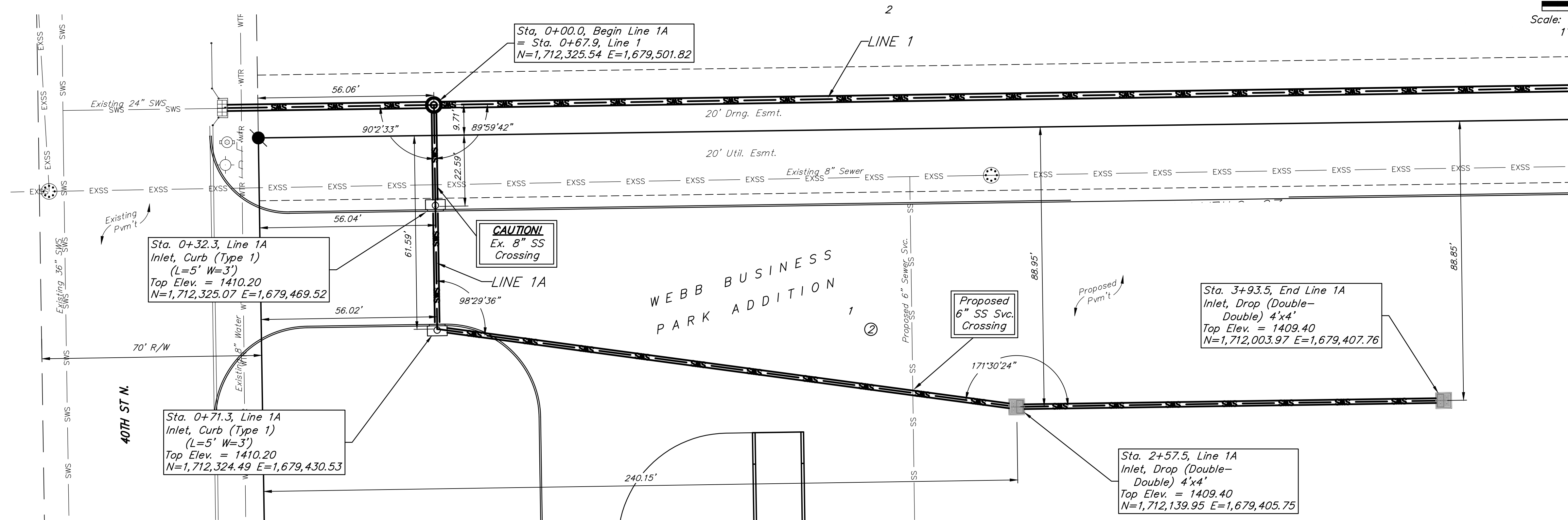
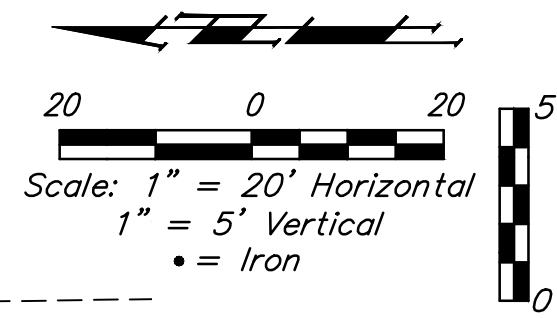
WEBB BUSINESS PARK ADDITION WATER LINE RELOCATIONS

WEBB BUSINESS PARK ADDITION



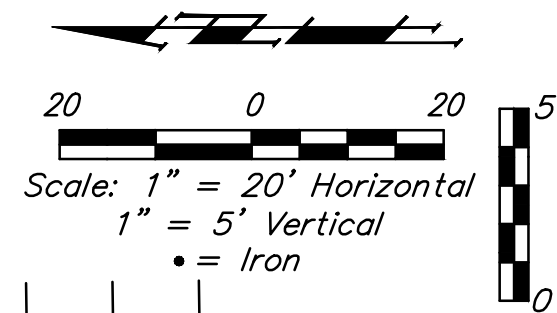
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Sta. 0+78.2, Line 2  
 Inlet, Drop (Double) 2'x4'  
 Top Elev. = 1411.00  
 N=1,712,092.49 E=1,679,061.92

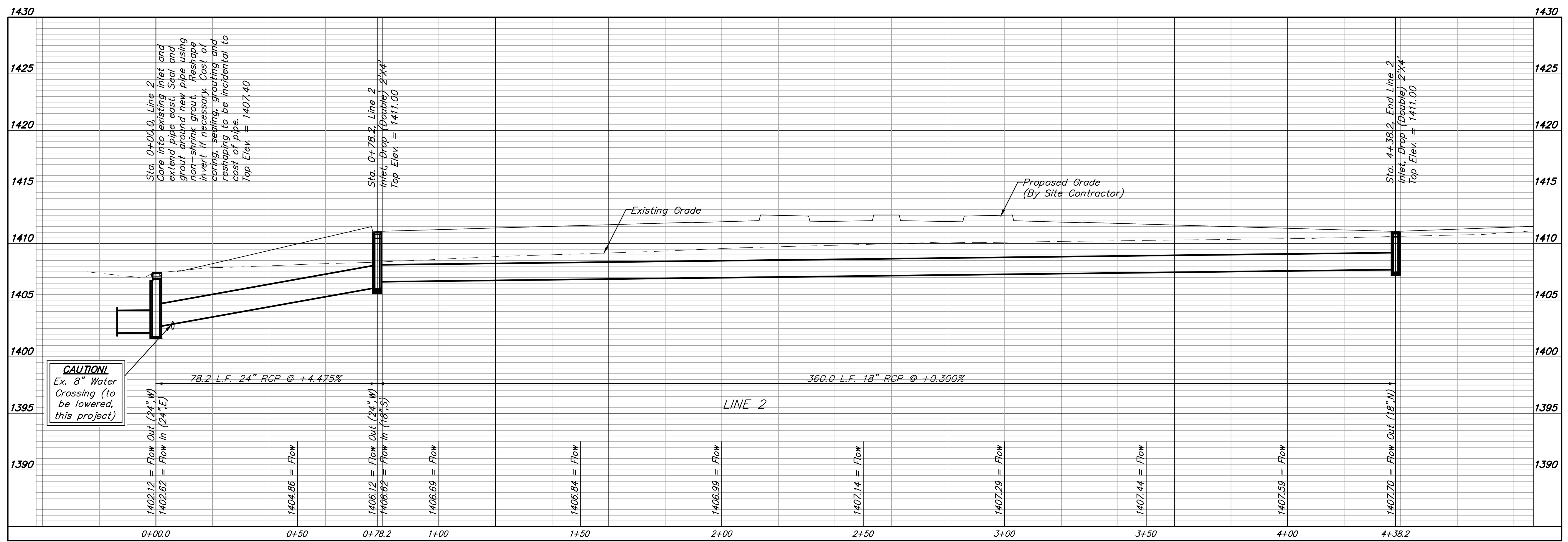
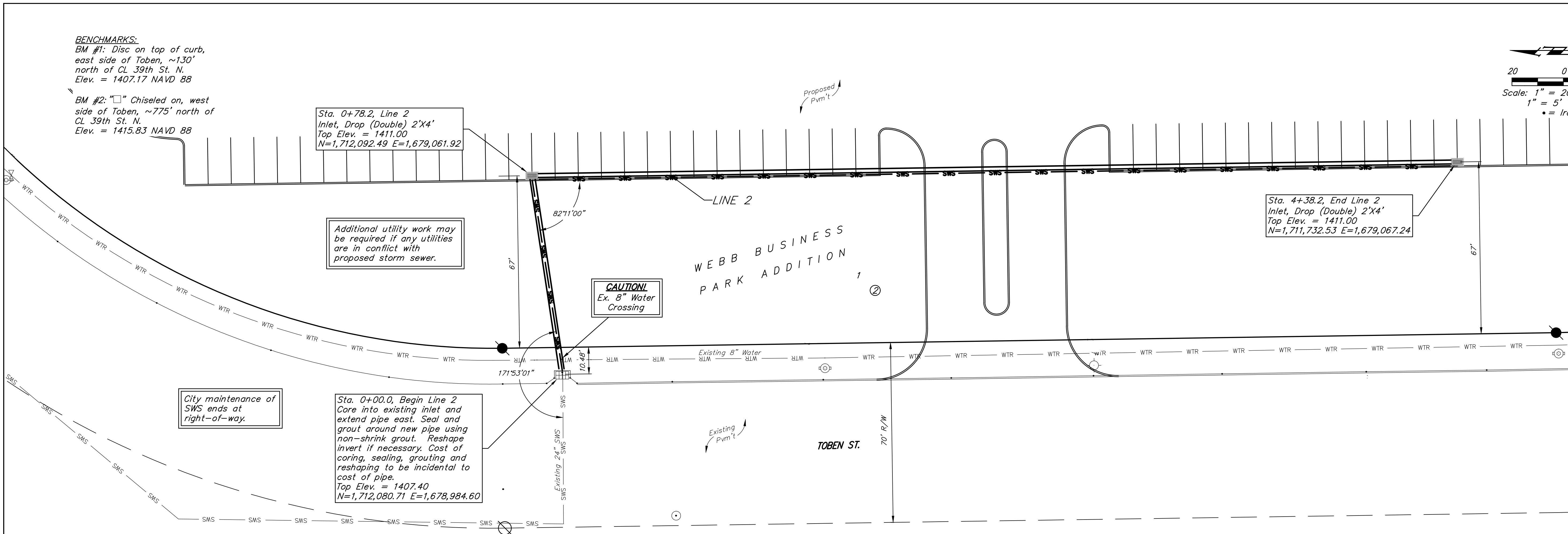
Additional utility work may be required if any utilities are in conflict with proposed storm sewer.

**CAUTION!**  
 Ex. 8" Water Crossing

Sta. 4+38.2, End Line 2  
 Inlet, Drop (Double) 2'x4'  
 Top Elev. = 1411.00  
 N=1,711,732.53 E=1,679,067.24

City maintenance of SWS ends at right-of-way.

Sta. 0+00.0, Begin Line 2  
 Core into existing inlet and extend pipe east. Seal and grout around new pipe using non-shrink grout. Reshape invert if necessary. Cost of coring, sealing, grouting and reshaping to be incidental to cost of pipe.  
 Top Elev. = 1407.40  
 N=1,712,080.71 E=1,678,984.60

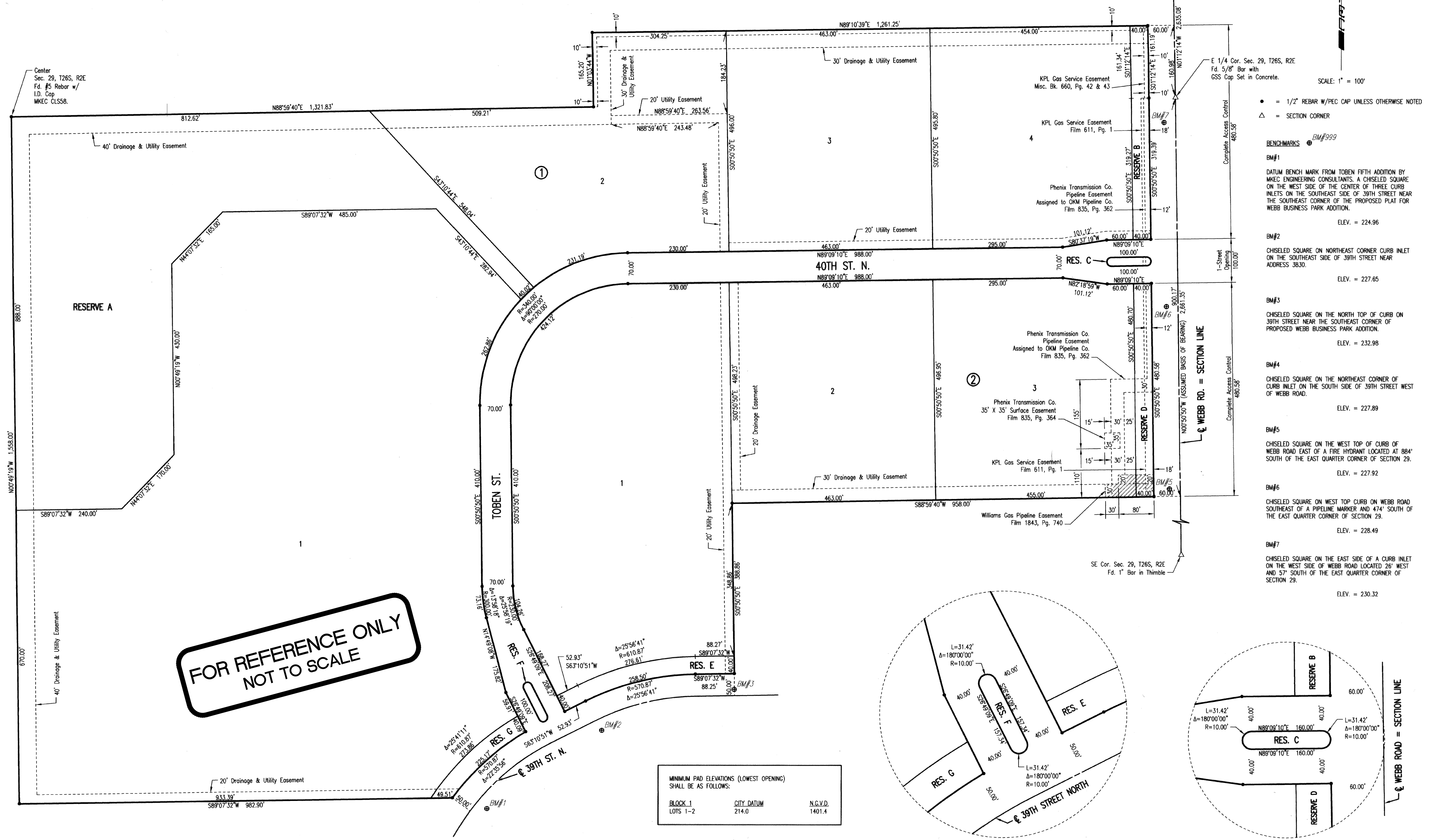


**CAUTION!**  
 Ex. 8" Water Crossing (to be lowered, this project)



# WEBB BUSINESS PARK

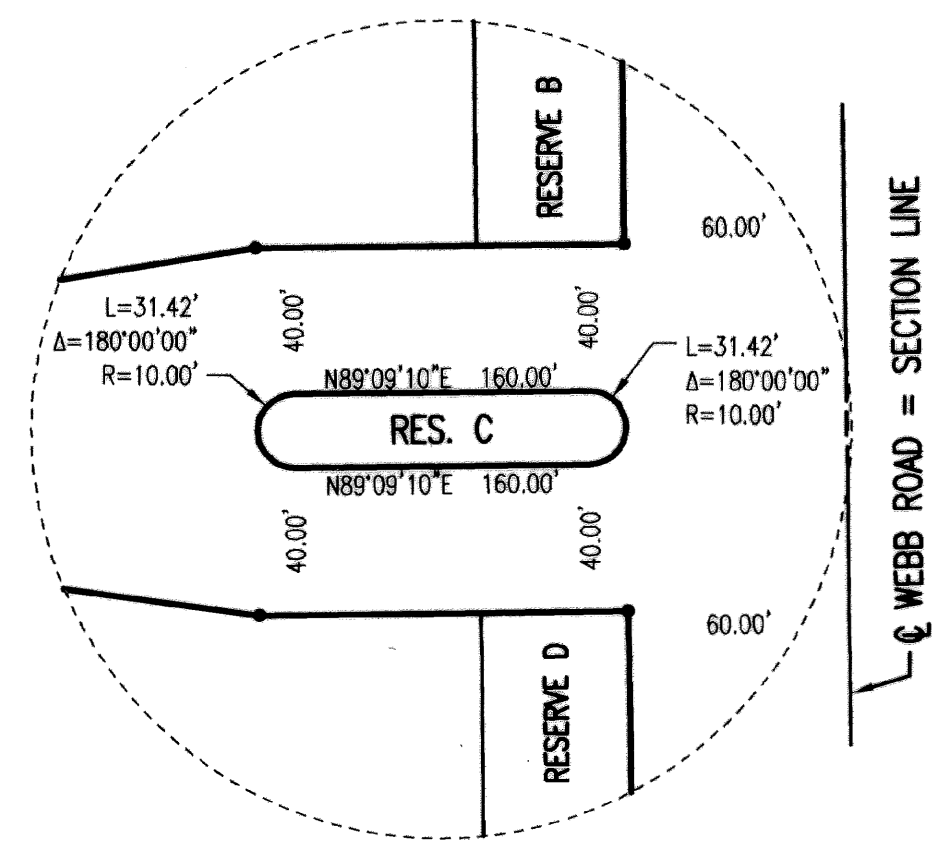
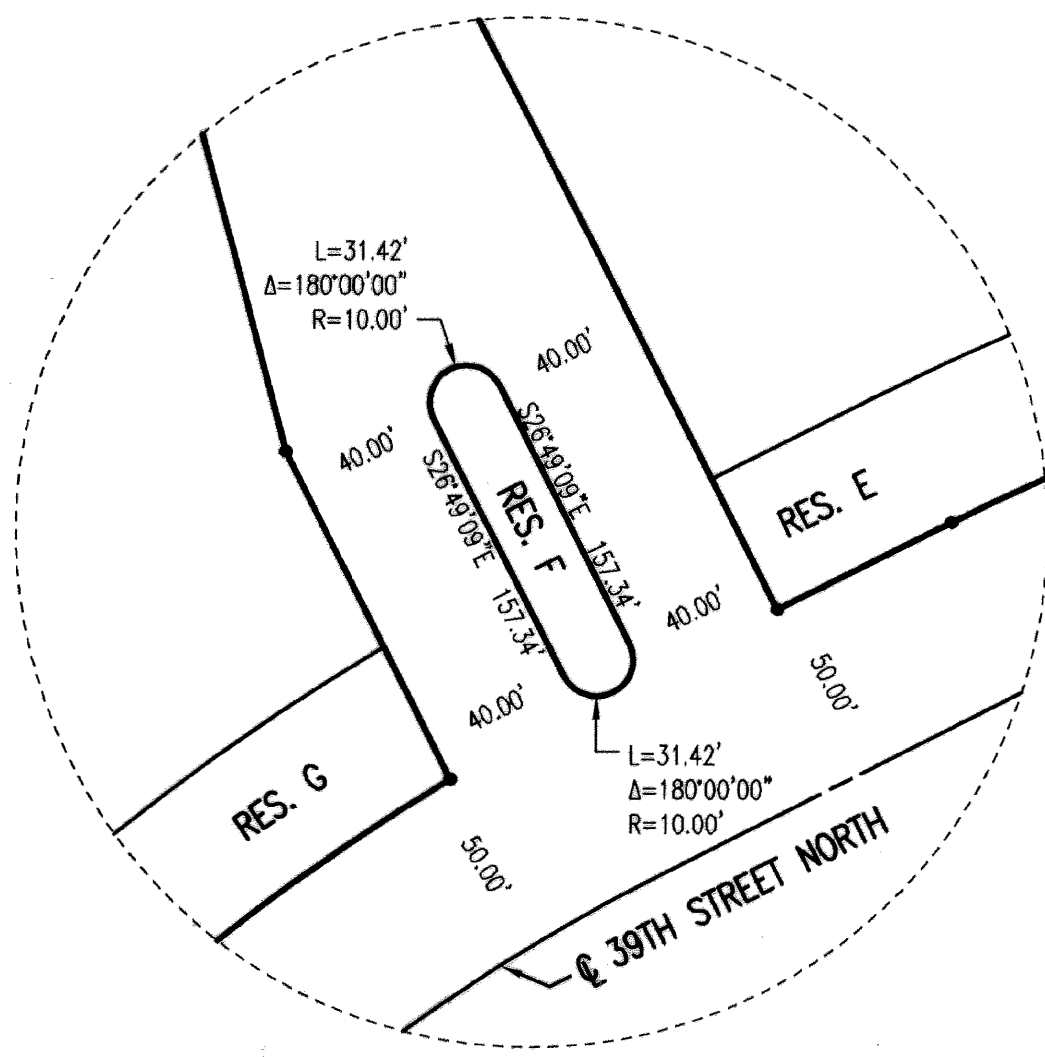
## AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



FOR REFERENCE ONLY  
NOT TO SCALE

MINIMUM PAD ELEVATIONS (LOWEST OPENING) SHALL BE AS FOLLOWS:		
BLOCK 1 LOTS 1-2	CITY DATUM 214.0	N.G.V.D. 1401.4

- SCALE: 1" = 100'
- = 1/2" REBAR W/PEC CAP UNLESS OTHERWISE NOTED
  - △ = SECTION CORNER
- BENCHMARKS** BM#999
- BM#1**  
DATUM BENCH MARK FROM TOBEN FIFTH ADDITION BY MKEC ENGINEERING CONSULTANTS. A CHISELED SQUARE ON THE WEST SIDE OF THE CENTER OF THREE CURB INLETS ON THE SOUTHEAST SIDE OF 39TH STREET NEAR THE SOUTHEAST CORNER OF THE PROPOSED PLAT FOR WEBB BUSINESS PARK ADDITION.  
ELEV. = 224.96
- BM#2**  
CHISELED SQUARE ON NORTHEAST CORNER CURB INLET ON THE SOUTHWEST SIDE OF 39TH STREET NEAR ADDRESS 3830.  
ELEV. = 227.65
- BM#3**  
CHISELED SQUARE ON THE NORTH TOP OF CURB ON 39TH STREET NEAR THE SOUTHEAST CORNER OF PROPOSED WEBB BUSINESS PARK ADDITION.  
ELEV. = 232.98
- BM#4**  
CHISELED SQUARE ON THE NORTHEAST CORNER OF CURB INLET ON THE SOUTH SIDE OF 39TH STREET WEST OF WEBB ROAD.  
ELEV. = 227.89
- BM#5**  
CHISELED SQUARE ON THE WEST TOP OF CURB OF WEBB ROAD EAST OF A FIRE HYDRANT LOCATED AT 884' SOUTH OF THE EAST QUARTER CORNER OF SECTION 29.  
ELEV. = 227.92
- BM#6**  
CHISELED SQUARE ON WEST TOP CURB ON WEBB ROAD SOUTHWEST OF A PIPELINE MARKER AND 474' SOUTH OF THE EAST QUARTER CORNER OF SECTION 29.  
ELEV. = 228.49
- BM#7**  
CHISELED SQUARE ON THE EAST SIDE OF A CURB INLET ON THE WEST SIDE OF WEBB ROAD LOCATED 26' WEST AND 57' SOUTH OF THE EAST QUARTER CORNER OF SECTION 29.  
ELEV. = 230.32



**Baughman Company, P.A.**  
 ENGINEERING, PLANNING, ARCHITECTURE  
 1115 W. 10TH ST., SUITE 200, WICHITA, KS 67202  
 PHONE: 316.261.1111 FAX: 316.261.1112  
 WWW.BAUGHMANPA.COM

**WEBB BUSINESS PARK**  
**COPY OF PLAT**  
 STORM WATER SEWER IMPROVEMENTS