

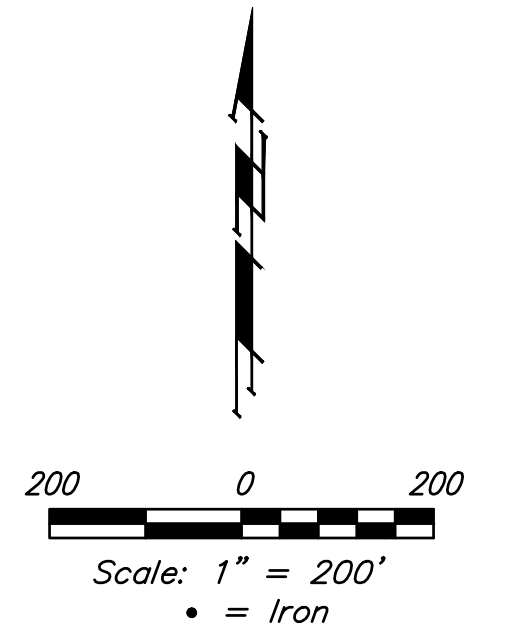
GENERAL NOTES:

- 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:
 Cox Communications 262-4270
 Kansas Gas Service 1-888-482-4950
 Westar Energy 383-8650
 Aquila Energy 1-800-303-0357
 AT&T 268-2245
 City of Wichita Water Dept. 268-4563
 City of Wichita Sewer Maint. 268-4024
 City of Wichita Storm Sewer Maint. 268-4090
 City of Wichita Traffic Maint. 268-4034
 Conoco Phillips Pipeline Co. 1-877-267-2290
 Southern Star Pipeline Co. 529-6600
 Kinder-Morgan Pipeline Co. 1-888-844-5658
- Utility service lines, poles, valve boxes, meters, and etcetera 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 would 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 would 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 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.
- Sales tax exemption does not apply to this project.
- 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 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 measured quantity of each BMP item.
- All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the engineer.
- The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractor's proposed method for maintaining sewage flow shall be approved by the Engineer. Cost of maintaining flow of sewage through construction will not be paid for directly and this cost shall be considered as subsidiary to the other pay items of work.
- All areas within 45th St. R/W disturbed during construction shall be seeded, mulched, and fertilized as follows:
 SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.
 Rye grass (PLS); 3#/1000 Sq. Ft. and
 FERTILIZER -- 12-24-12 Ratio at 350 Lbs./Ac.
 MULCH -- 2 Tons Prairie Hay / Acre
 All other disturbed areas are to be seeded as follows:
 SEED -- Rye grass (PLS)--5#/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".
 An additional bid item for "Seeding, Temporary" has been included and may be used at the discretion of the Design Engineer. Temporary seed shall be Annual Rye at of 5 Lbs./1000 Sq. Ft. unless otherwise noted and shall be planted when permanent seed or sod cannot be used due to seasonal limitations.
- Trees and shrubs in the work area which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with the Developer or Baughman Company approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage. If trimming is necessary, a chainsaw shall be used. Breaking limbs with equipment will not be allowed. An on-site pre-construction meeting will occur prior to any construction to discuss tree removal, tree protection, and tree trimming.
- Protective fill is available by borrowing material from the rear 30' of lots down 3-4'.
- The Developer for this project is Jay Russell
 A.O. Box 75337, Wichita, KS 67272
 PH# (316) 990-2105 Email j@jussellco.com

SANITARY SEWER IMPROVEMENTS to serve **RENNICK & RENNICK 2ND** **ADDITION - Ph. I (Bid by Developer)** CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
 Project Number 468-2021-008733
 Org Code Number 47263821
 Munis Number E1026

Mies Construction - Contractor
 K. Kerns - City of Wichita, Field Project Engineer
 R. Carrillo - City of Wichita, Inspector
 As-built
 Stubs & Risers
 Release Date (for connection purposes only): 3/9/2022
 Completion Date:
 pdf: apr 10/6/2023



SHEET INDEX

| | |
|-----------------------------|-------|
| Title Sheet | 1 |
| Line 1 | 2 |
| Line 1A, 1B, & 1C | 3 |
| Line 2 | 4-6 |
| Line 3 | 7 |
| Line 3A, 3B, & 3C | 8 |
| Line 4 | 9-10 |
| Line 4A & 4B | 11 |
| Line 4C & 4D | 12 |
| Erosion Control Plan | 13 |
| Erosion Control BMP Details | 14-18 |
| Standard Manhole Detail | 19 |
| Ring & Cover Detail | 20 |
| Vertical Riser Detail | 21 |
| Cleanout Detail | 22 |
| Coordinate Sheet | 23 |
| Copy of Plat | 24-25 |

APPROVED AS NOTED
 BY WICHITA PUBLIC WORKS ENGINEERING

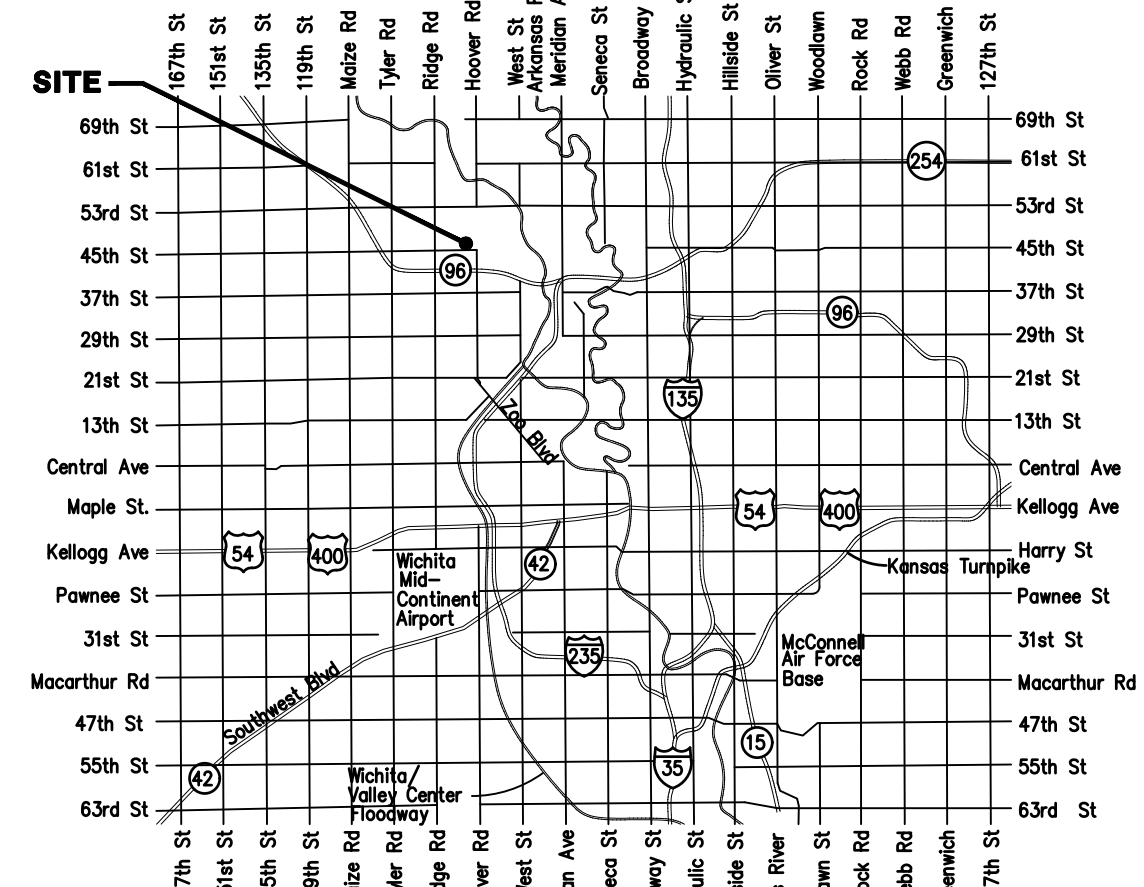
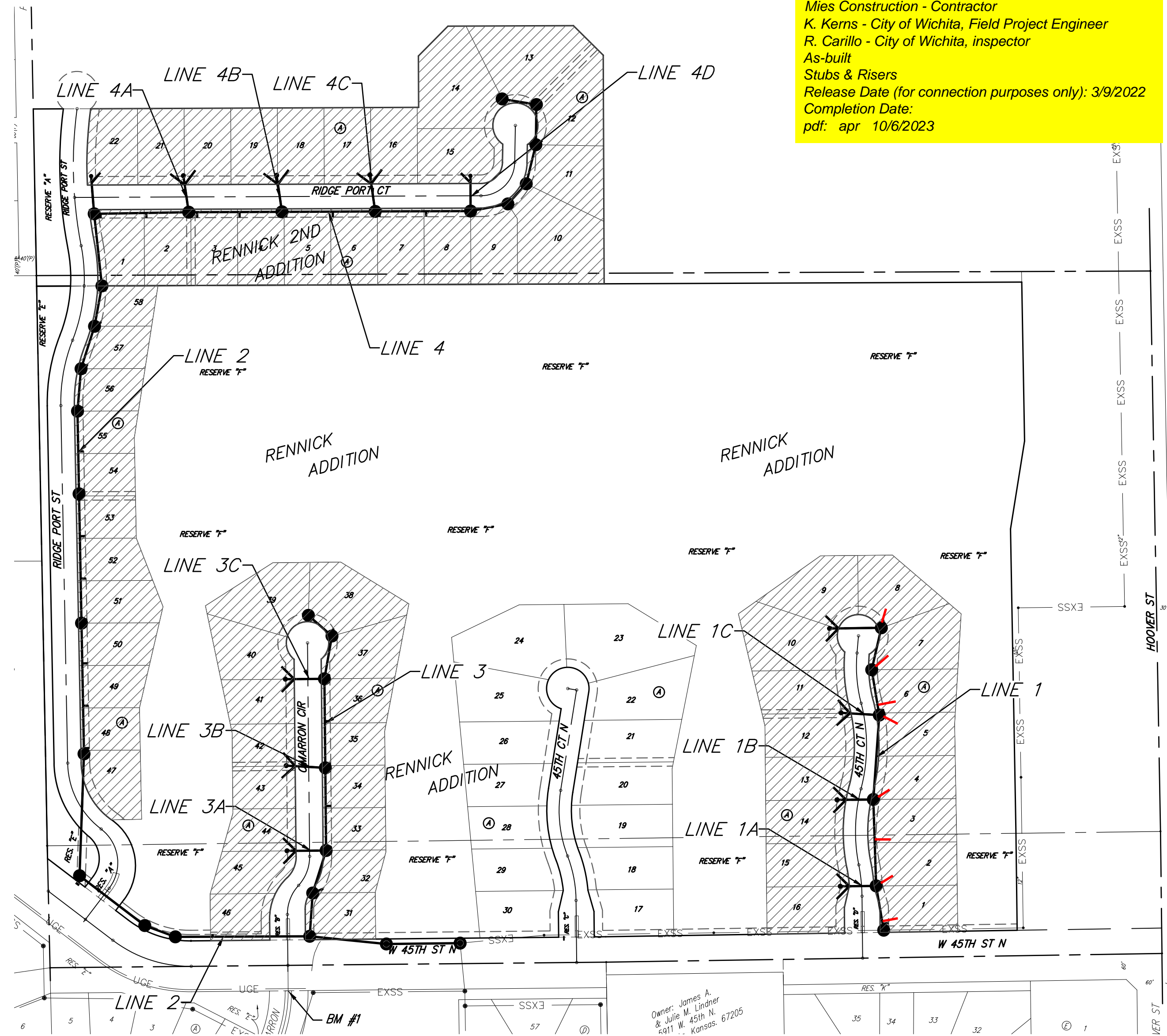
Engineering _____

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

BENCHMARKS

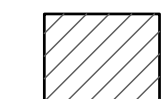
CROSS CUT IN SQUARE CUT, TOP OF CURB AT NORTH END OF ISLAND, SOUTH OF INTERSECTION OF CIMARRON AND W 45TH ST N, 128.3' SOUTH-SOUTHWEST OF SOUTHWEST CORNER, LOT 31, BLOCK A, RENNICK ADD. & 129.1' SOUTH-SOUTHWEST OF THE SOUTHWEST CORNER OF LOT 46, BLOCK A, RENNICK ADD. ELEV. = 1339.19 NAVD88

CROSS CUT IN SQUARE CUT IN CONC. DRIVEWAY, 158.0' SOUTH & 30.4' EAST OF THE E1/4 COR., SEC. 22, TWP. 26-S, R-1-W, 9.8' WEST OF WEST FACE OF SOUTH GATE POST, 28.2' SOUTH-SOUTHWEST OF SOUTHWEST FACE OF NORTH GATE POST. ELEV. = 1337.08 NAVD88



VICINITY MAP

BENEFIT DISTRICT



June 1, 2021

BAUGHMAN COMPANY
 315 Ellis St. Wichita, KS 67211 316-262-7271
 BaughmanCo.com

E:\Projects\Rennick Addition - 16-10-P2380(Engineering)\Phase 1\SS 21-02-E683\SS Plans.dwg

BENCHMARKS:
 CROSS CUT IN SQUARE CUT, TOP OF CURB AT NORTH END OF ISLAND, SOUTH OF INTERSECTION OF CIMARRON AND W 45TH ST N, 128.3' SOUTH-SOUTHWEST OF SOUTHWEST CORNER, LOT 31, BLOCK A, RENNICK ADD. & 129.1' SOUTH-SOUTHWEST OF THE SOUTHWEST CORNER OF LOT 46, BLOCK A, RENNICK ADD. ELEV. = 1339.19 NAVD88

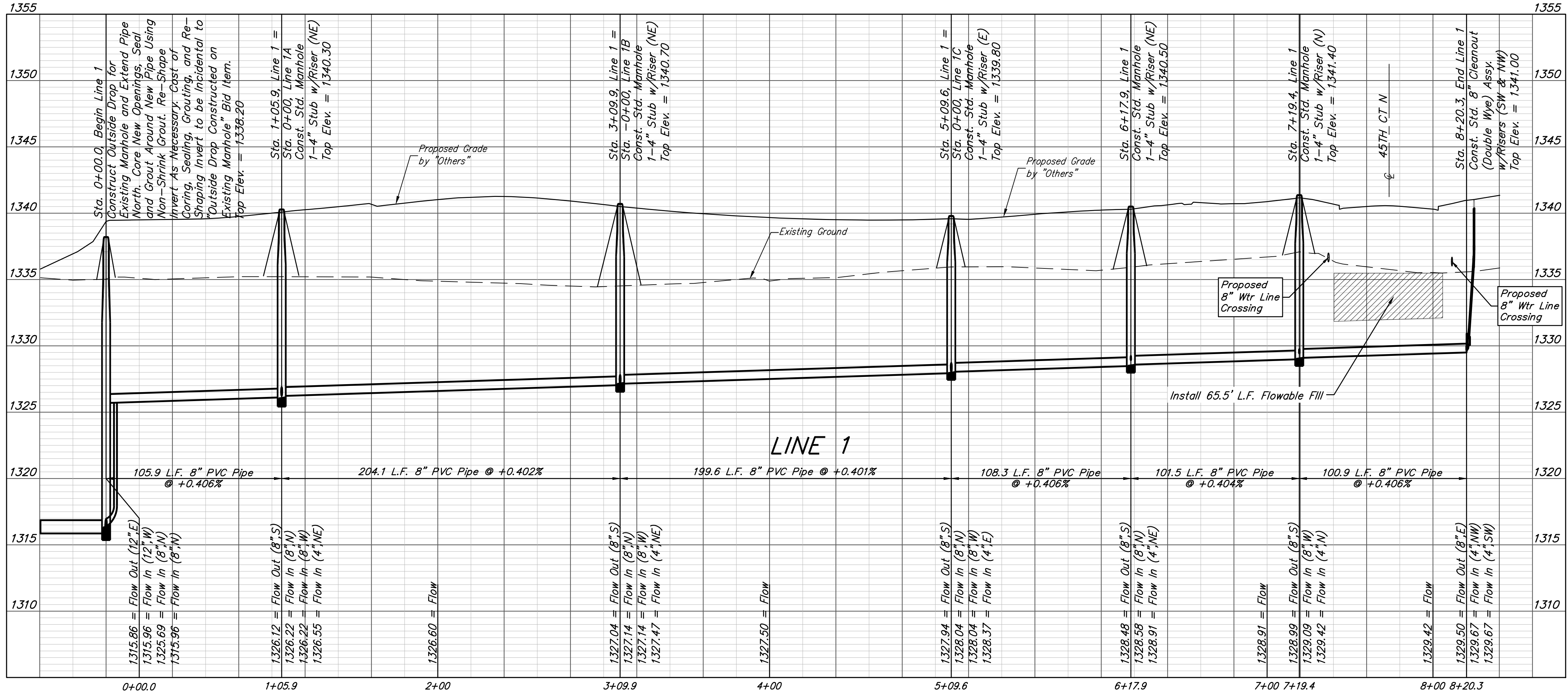
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Sta. 0+00.0, Begin Line 1 Construct Outside Drop for Existing Manhole and Extend Pipe North. Core New Openings, Seal and Grout Around New Pipe Using Non-Shrink Grout. Re-Shape Invert As Necessary. Cost of Coring, Sealing, Grouting, and Re-Shaping Invert to be Incidental to "Outside Drop Constructed on Existing Manhole" Bid Item. Ex. Top Elev. = 1336.26 Pro. Top Elev. = 1338.20

Adjust Manhole Top From 1336.26 to 1338.20. Remove Cone and Add Barrel Section to Raise Top. Cost to be Incidental to "Outside Drop Constructed on Existing Manhole" Bid Item.

| NUMBER | TYPE | LOCATION | | | FOR INFORMATION ONLY | | Distance from | | | |
|--------|-------------|----------|-----------|----------|----------------------|----------------------------|---------------|------------|-------------------------|-------------|
| | | LOT NO. | BLOCK NO. | LINE NO. | STATION/DIRECTION | APPROXIMATE LENGTH 4" PIPE | VERTICAL | HORIZONTAL | Main to Riser (L/L/Rt.) | Upstream MH |
| 1 | 8" X 4" Tee | 1 | A | 1 | 0+15.0/Rt. | 9.1 | 14 | 14' Rt. | 91' | 15' |
| 2 | 4" Stub | 2 | A | 1 | 1+05.9/Rt. | 9.3 | 17 | 17' Rt. | @ mh | @ mh |
| 3 | 8" X 4" Tee | 3 | A | 1 | 2+12.9/Rt. | 9.6 | 5 | 5' Rt. | 97' | 107' |
| 4 | 4" Stub | 4 | A | 1 | 3+09.9/Rt. | 8.5 | 20 | 20' Rt. | @ mh | @ mh |
| 5 | 4" Stub | 5 | A | 1 | 5+09.6/Rt. | 6.7 | 15 | 15' Rt. | @ mh | @ mh |
| 6 | 8" X 4" Tee | 6 | A | 1 | 5+19.7/Rt. | 6.8 | 13 | 13' Rt. | 98' | 10' |
| 7 | 4" Stub | 7 | A | 1 | 6+17.9/Rt. | 7.0 | 16 | 16' Rt. | @ mh | @ mh |
| 8 | 4" Stub | 8 | A | 1 | 7+19.4/Rt. | 7.1 | 20 | 20' Rt. | @ mh | @ mh |
| 9 | Wye Ext | 9 | A | 1 | 8+20.3/Rt. | 6.7 | 11 | | | |
| 10 | Wye Ext | 10 | A | 1 | 8+20.3/Lt. | 6.5 | 22 | | | |

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.



Sta. 0+00.0, Begin Line 1 Construct Outside Drop for Existing Manhole and Extend Pipe North. Core New Openings, Seal and Grout Around New Pipe Using Non-Shrink Grout. Re-Shape Invert As Necessary. Cost of Coring, Sealing, Grouting, and Re-Shaping Invert to be Incidental to "Outside Drop Constructed on Existing Manhole" Bid Item. Top Elev. = 1338.20

Sta. 1+05.9, Line 1 = Sta. 0+00, Line 1A Const. Std. Manhole 1-4" Stub w/Riser (NE) Top Elev. = 1340.50

Sta. 3+09.9, Line 1 = Sta. -0+00, Line 1B Const. Std. Manhole 1-4" Stub w/Riser (NE) Top Elev. = 1340.70

Sta. 5+09.6, Line 1 = Sta. 0+00, Line 1C Const. Std. Manhole 1-4" Stub w/Riser (E) Top Elev. = 1339.80

Sta. 6+17.9, Line 1 Const. Std. Manhole 1-4" Stub w/Riser (NE) Top Elev. = 1340.50

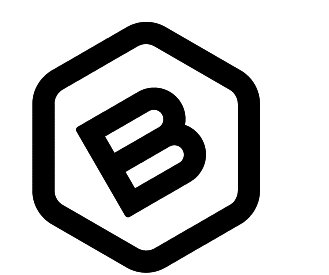
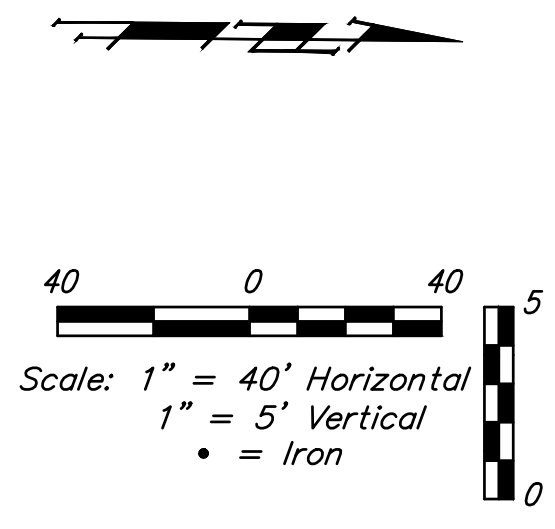
Sta. 7+19.4, Line 1 Const. Std. Manhole 1-4" Stub w/Riser (N) Top Elev. = 1341.40

Sta. 8+20.3, End Line 1 Const. Std. 8" Cleanout (Double Wye) Assy. w/Risers (SW & NW) Top Elev. = 1341.00

All trench and manhole excavation areas from Sta. 0+00.0 to Sta. 7+19.4, Line 1 shall be backfilled with sand. The sand backfill shall be water-jetted and vibrated during backfilling. All costs shall be paid for as L.F. "Fill, Sand (Flushed & Vibrated)".

Contractor to remove existing fences as necessary for construction. Fencing removed to be salvaged to Fremar. Costs to be included in bid item, "Site Clearing".

NOTE: Maintain 10 ft. of horizontal separation (outside dimension to outside dimension) between the water lines and sanitary sewer lines.



BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

RENNICK & RENNICK
 2ND ADDITION

LINE 1

SANITARY SEWER IMPROVEMENTS

PROJECT NUMBER:
 468-2021-008733

DESIGN: AEG DRAWN: HJW

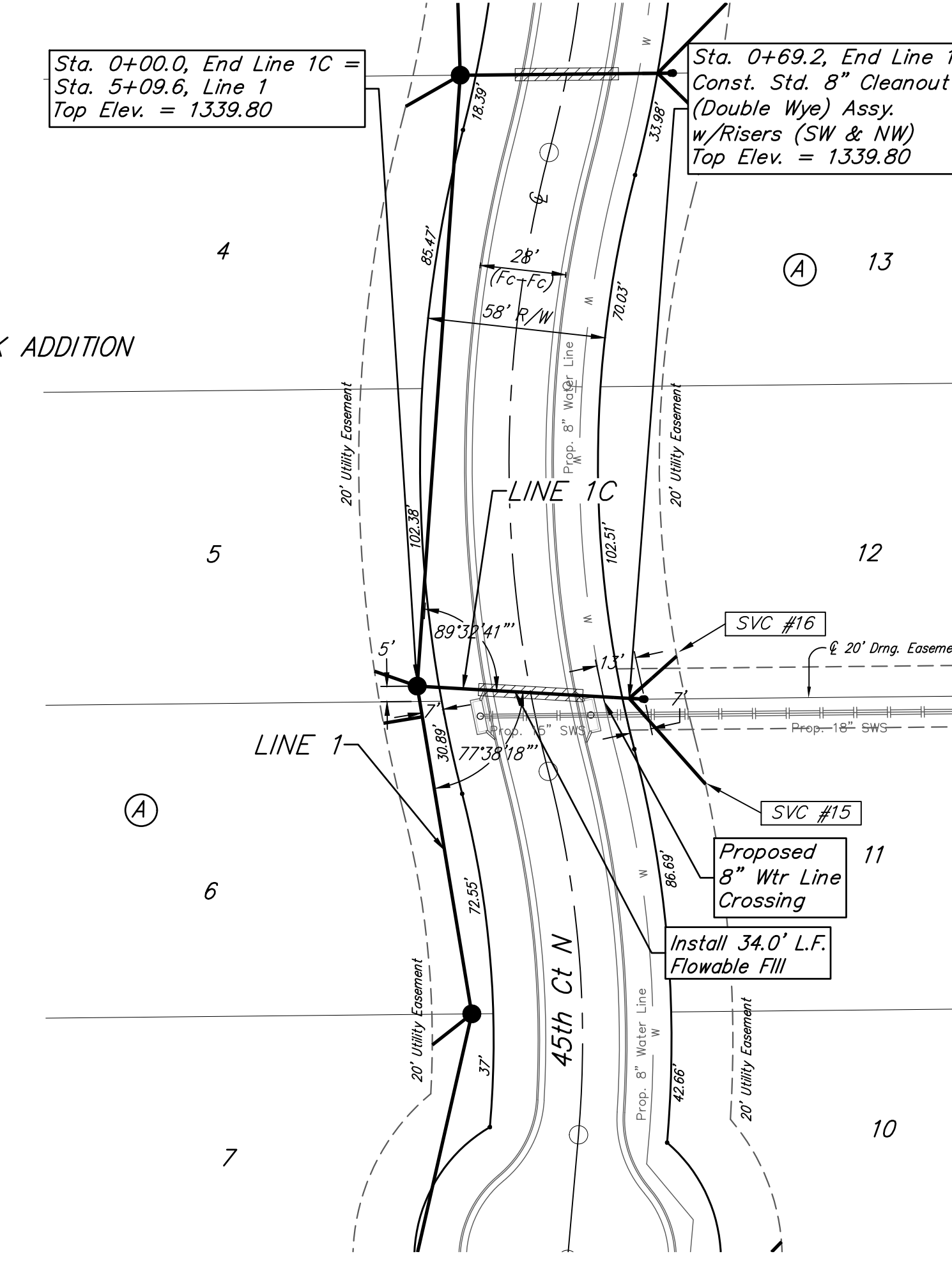
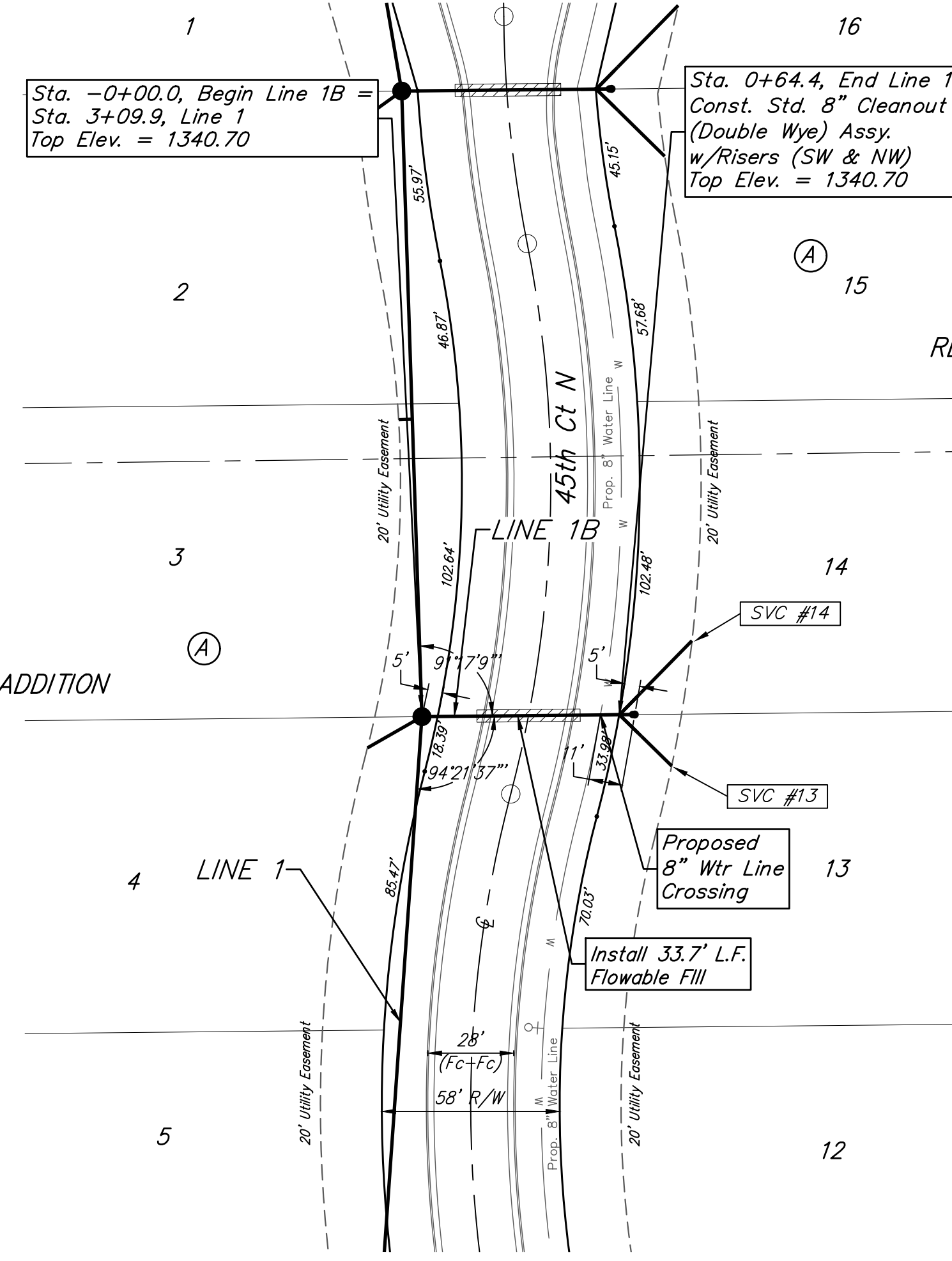
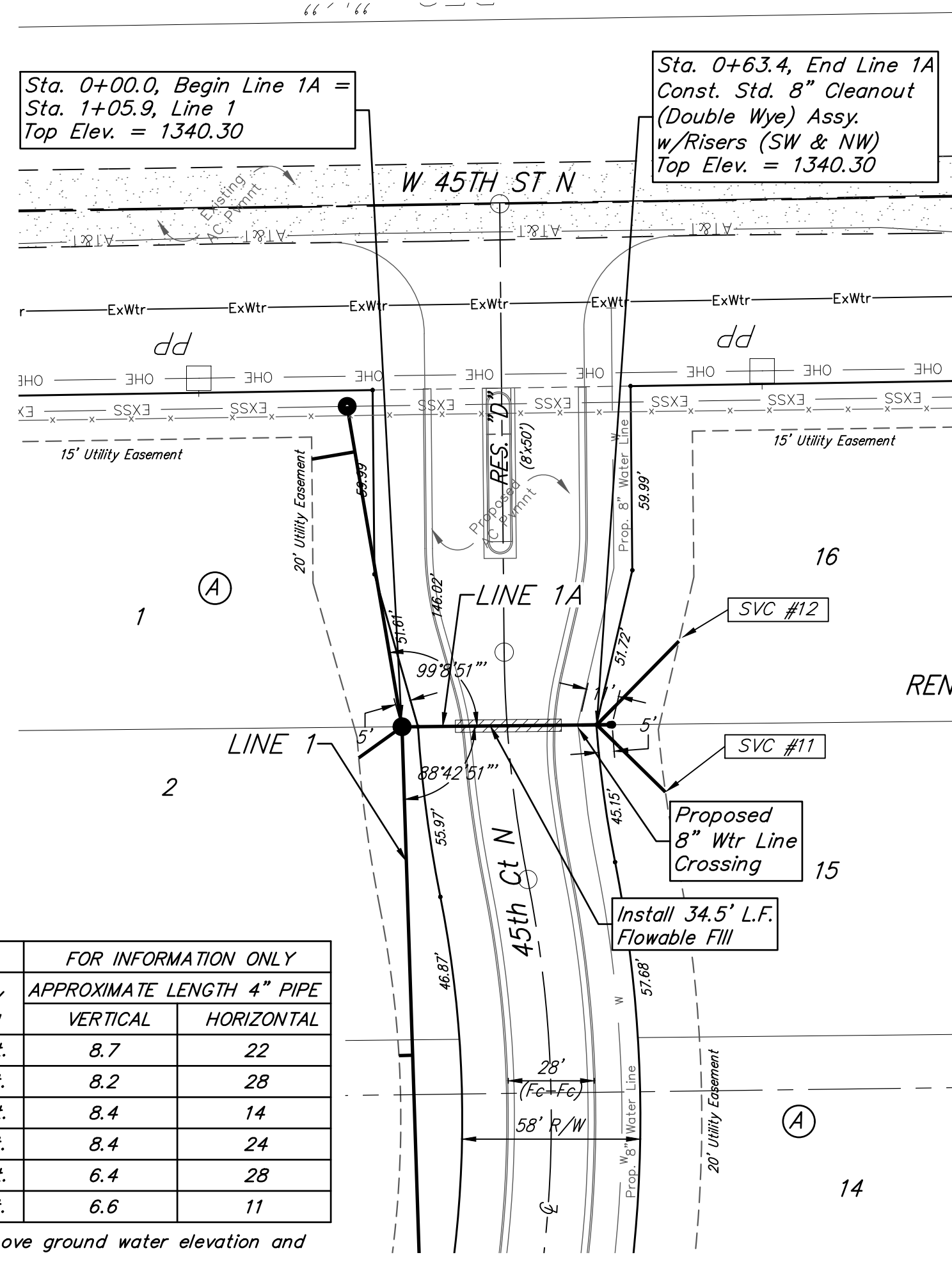
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BENCHMARKS:
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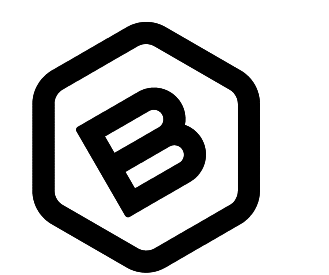
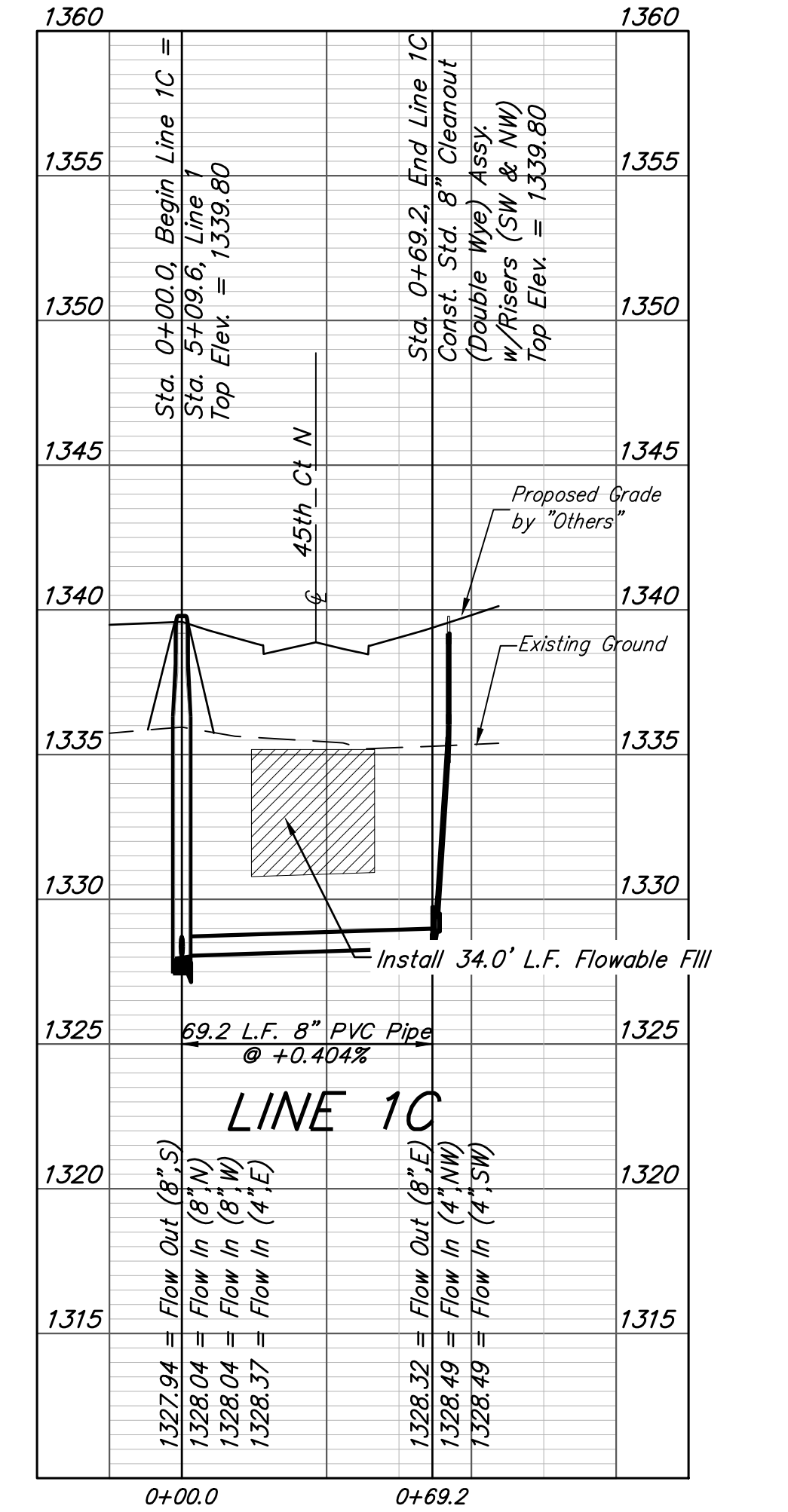
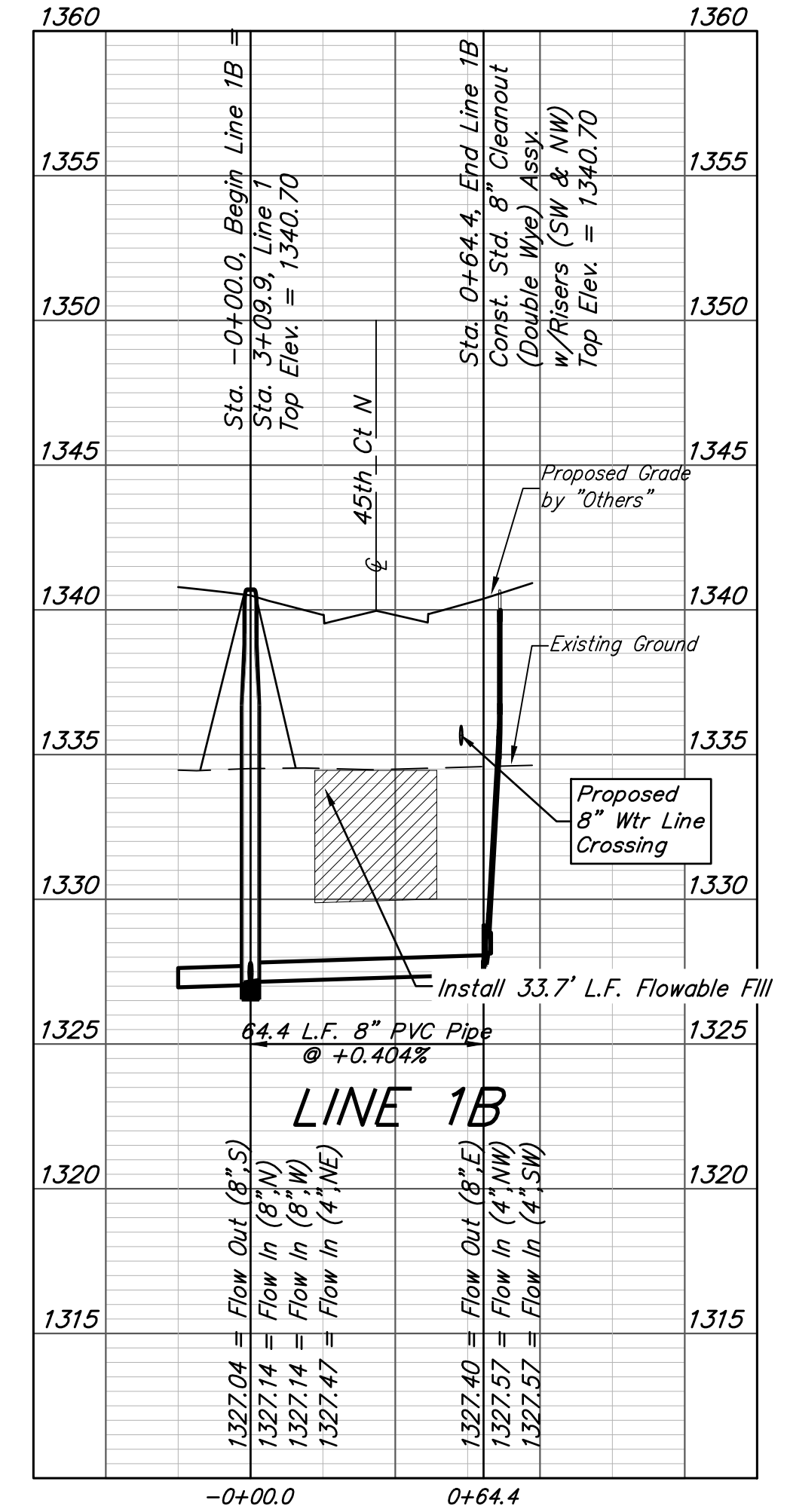
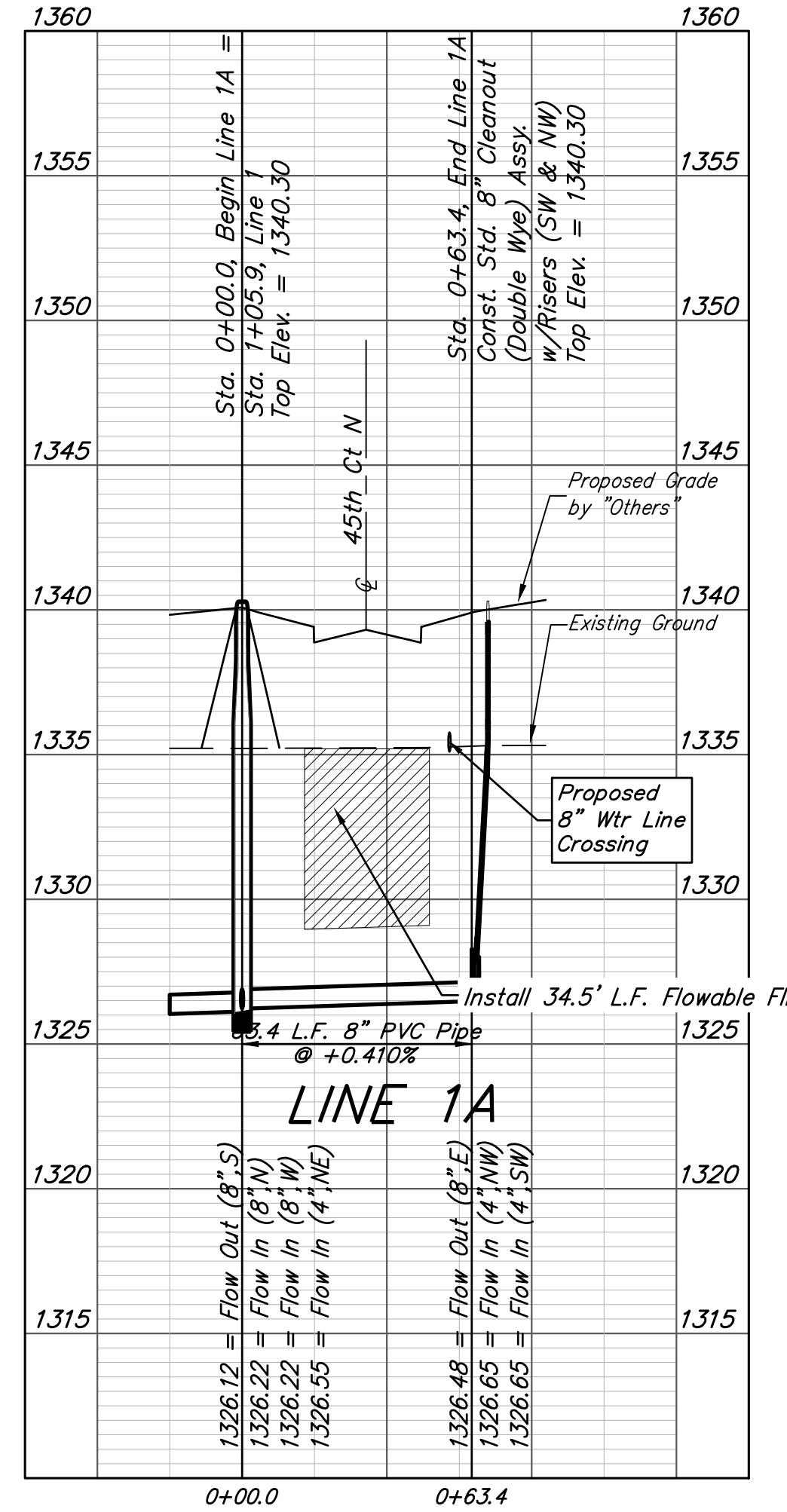
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 ELEV. = 1337.08 NAVD88



| NUMBER | TYPE | LOCATION | | | | FOR INFORMATION ONLY | |
|--------|---------|----------|-----------|----------|-------------------|----------------------------|----------|
| | | LOT NO. | BLOCK NO. | LINE NO. | STATION/DIRECTION | APPROXIMATE LENGTH 4" PIPE | VERTICAL |
| 11 | Wye Ext | 15 | A | 1A | 0+63.4/Rt. | 8.7 | 22 |
| 12 | Wye Ext | 16 | A | 1A | 0+63.4/Lt. | 8.2 | 28 |
| 13 | Wye Ext | 13 | A | 1B | 0+64.4/Rt. | 8.4 | 14 |
| 14 | Wye Ext | 14 | A | 1B | 0+64.4/Lt. | 8.4 | 24 |
| 15 | Wye Ext | 11 | A | 1C | 0+69.2/Rt. | 6.4 | 28 |
| 16 | Wye Ext | 12 | A | 1C | 0+69.2/Lt. | 6.6 | 11 |

NOTE: Vertical Riser Pipe shall be extended to 2' minimum above ground water elevation and 4' maximum below proposed ground elevation.

NOTE: Maintain 10 ft. of horizontal separation (outside dimension to outside dimension) between the water lines and sanitary sewer lines.



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RENNICK & RENNICK
 2ND ADDITION

**LINE 1A,
 1B, & 1C**

SANITARY SEWER
 IMPROVEMENTS

PROJECT NUMBER:
 468-2021-008733

DESIGN: AEG DRAWN: HJW

DATE: June 1, 2021

SHEET **3** OF **25**

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