

SANITARY SEWER EXTENSION

to serve

Kimberly Addition CITY OF WICHITA, KANSAS

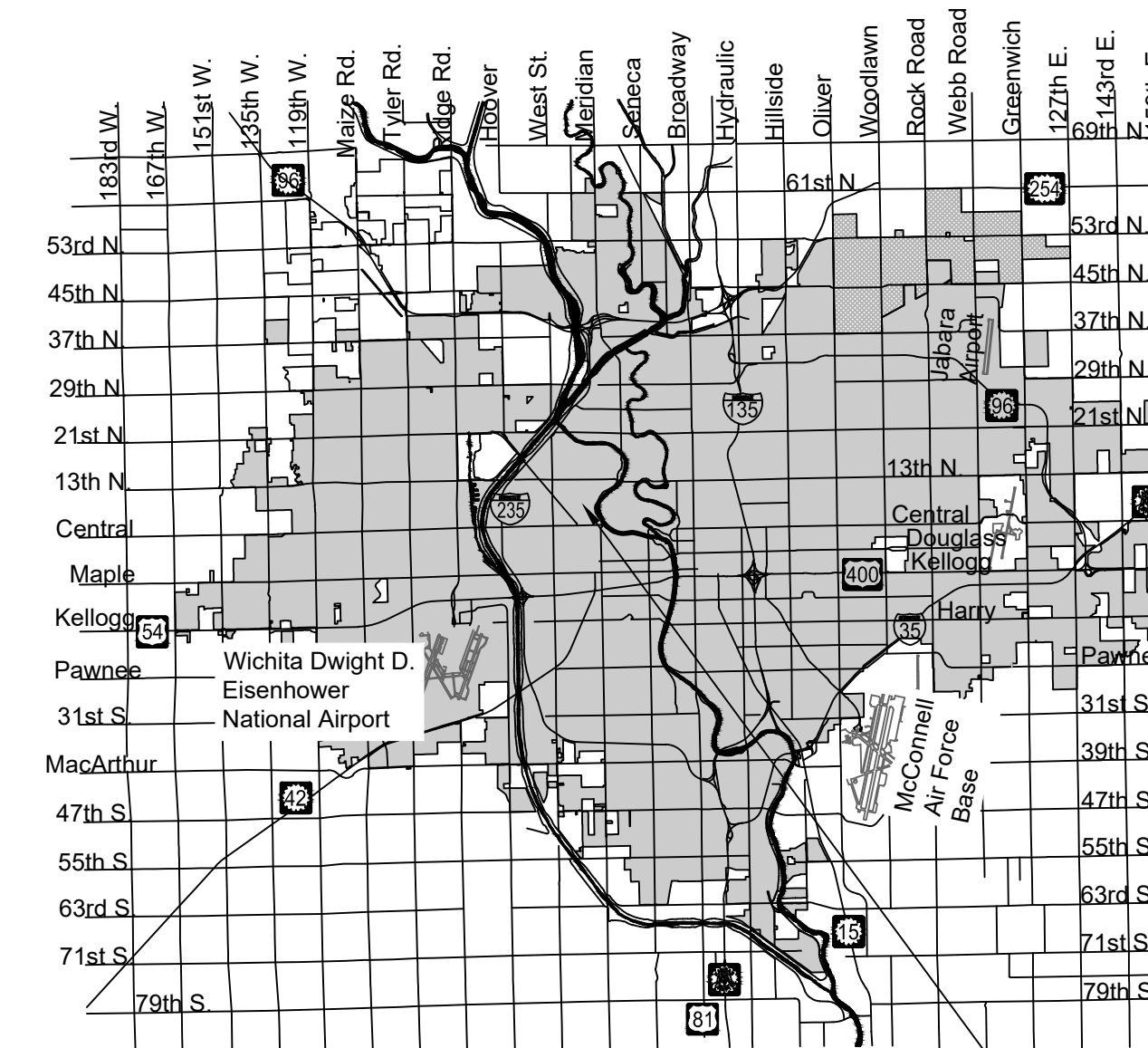
Gary Janzen, P.E. City Engineer

Project Number: 468-2021-022908

Org Code Number: 47264621

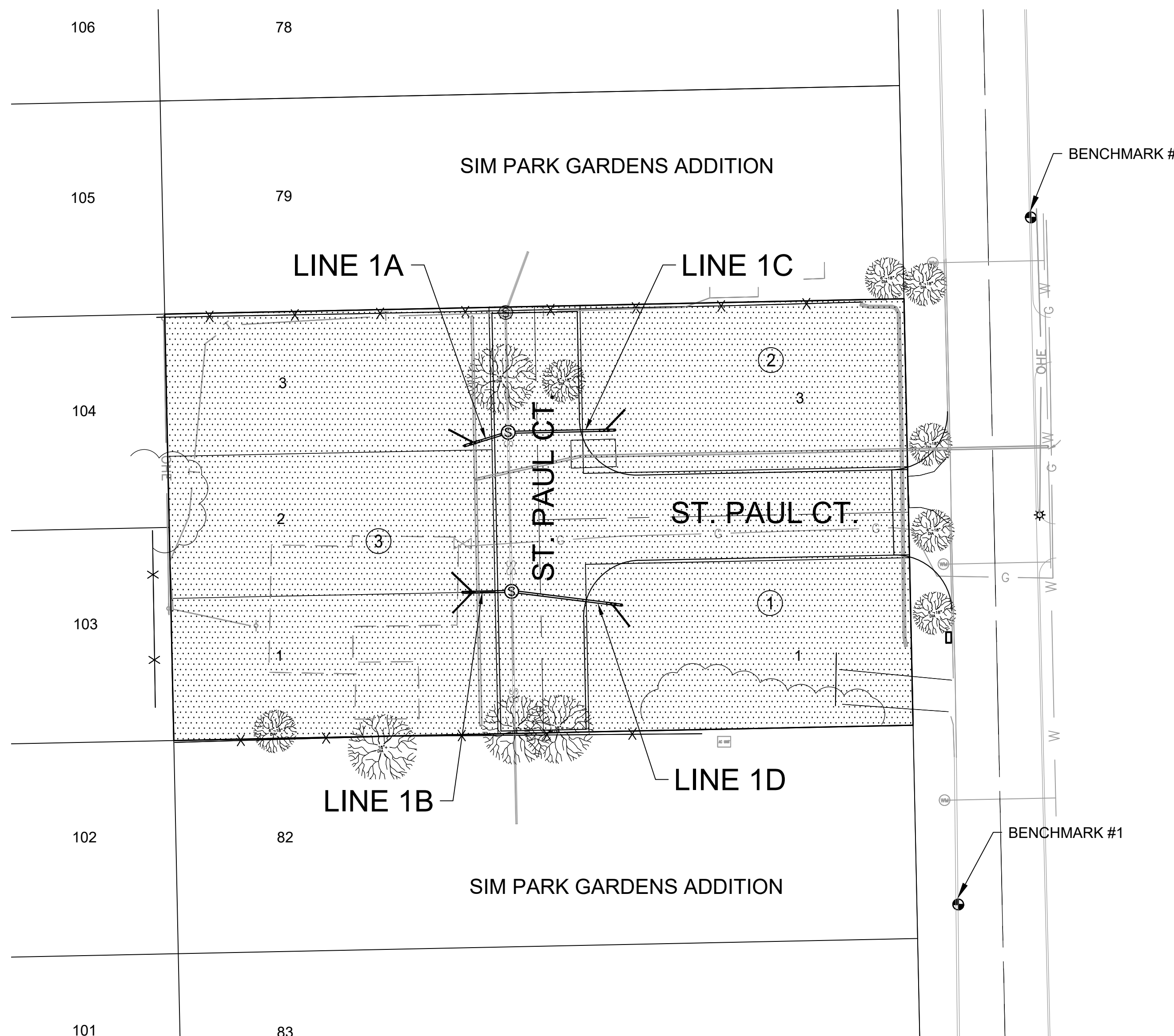
Munis Number: E1067

McCullough - Contractor
K. Kerns - City of Wichita, Field Project Engineer
S. Stripling - City of Wichita, Inspector
As-built
Release Date (for connection purposes only): 2/25/2022
Completion Date:
2/25/2022 apr



Vicinity Map

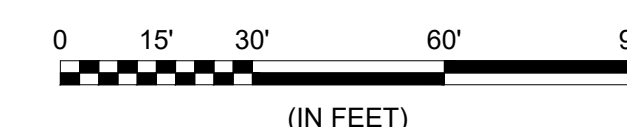
PROJECT LOCATION



IMPROVEMENT DISTRICT

PLAN SET REVIEWED BY GARVER
Christina Bohm 8/24/21
SIGNATURE DATE

NOTE: All coordinates listed are modified NAD83 Kansas State Plane Zone South unless otherwise noted. To convert listed coordinates to NAD83 Kansas State Plane Zone South coordinates multiply the northing and easting by the project scale factor of 0.999885189. Elevation datum is NAVD88 Geoid 12B unless otherwise noted.



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13	SILT FENCE DETAILS
14	PLAT



AUGUST 2021

PLANS PREPARED BY



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
City of Wichita Water & Sewer Dept. 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
Evergny 1-800-544-4857
Kansas Gas Service 1-888-482-4950
- 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 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.
- If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, at 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 the 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.
- The Contractor shall protect from damage and support existing utilities through constructions as approved by the utility owner and the Engineer at the contractors expense.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- All stubs and plugged pipes shall be located with green plastic tape in the same manner as risers.
- Connecting to Existing Manholes:

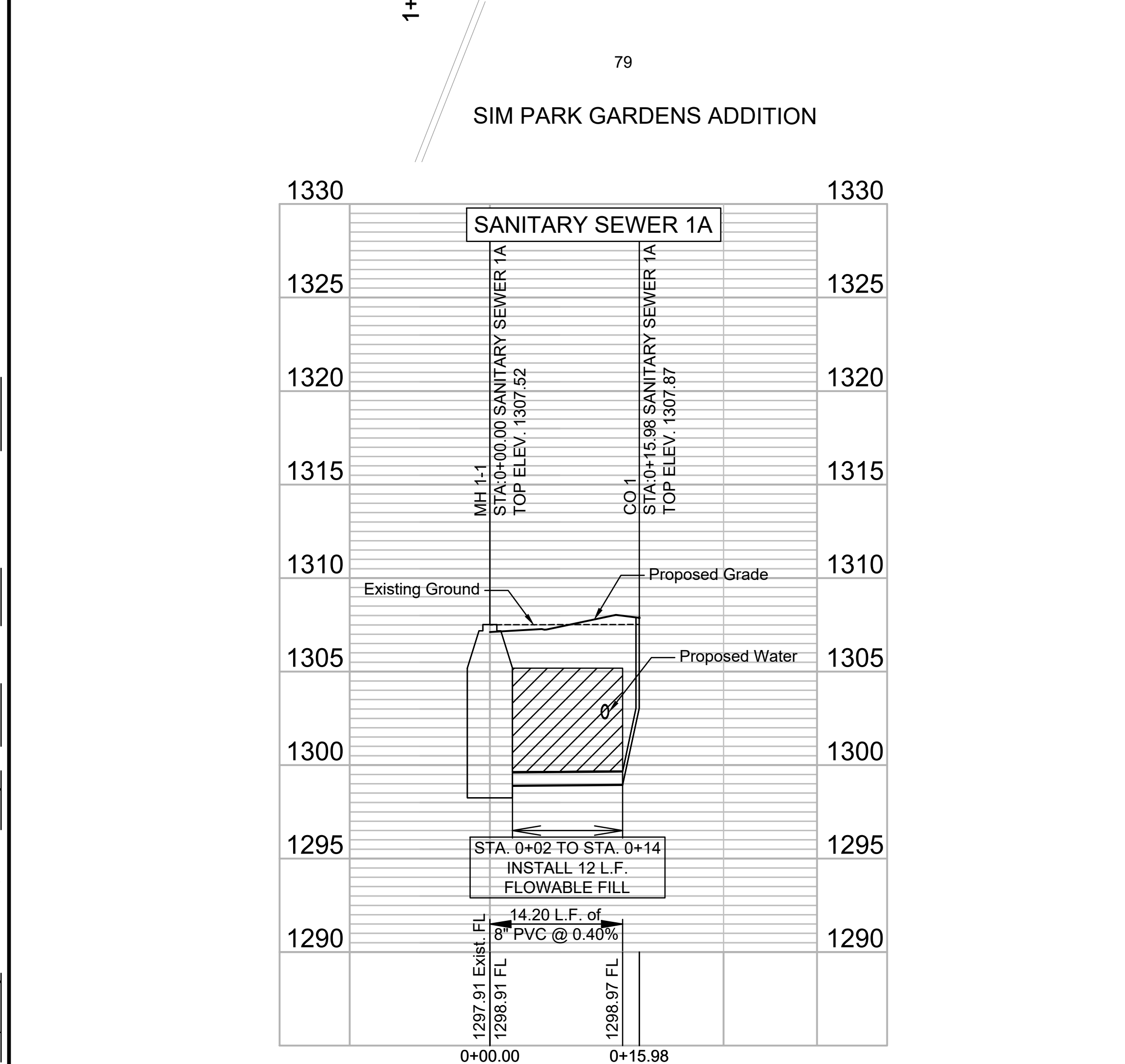
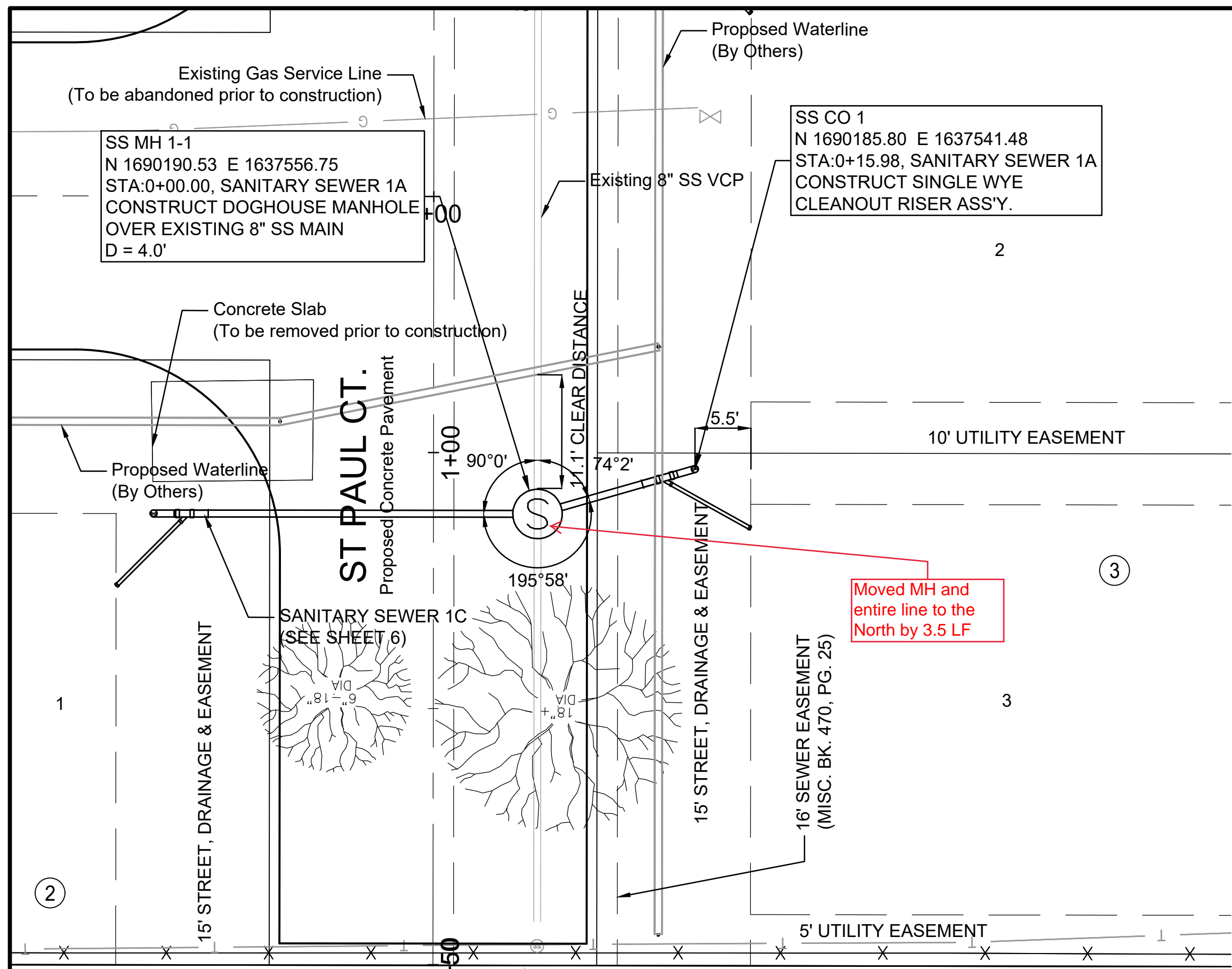
Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where connection to an existing manhole that does not have an existing stub or the stub is unusable due to elevation grade or alignment, the Contractor shall bore cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.
- Contractor shall provide positive drainage away from all manhole covers.
- The Contractor shall prevent any construction debris from entering the existing sanitary sewer during construction.
- The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.
- Any over excavation from manhole and/or pipe removal shall be backfilled and compacted in accordance with the Standard Specifications.
- Excess dirt generated from installation of underground utilities is to remain on site and be stockpiled on Lot 1 & 2, Block 3.

Benchmarks

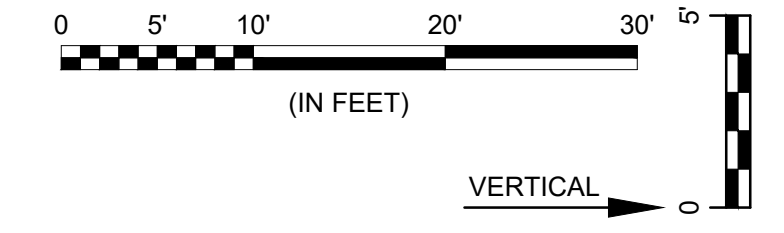
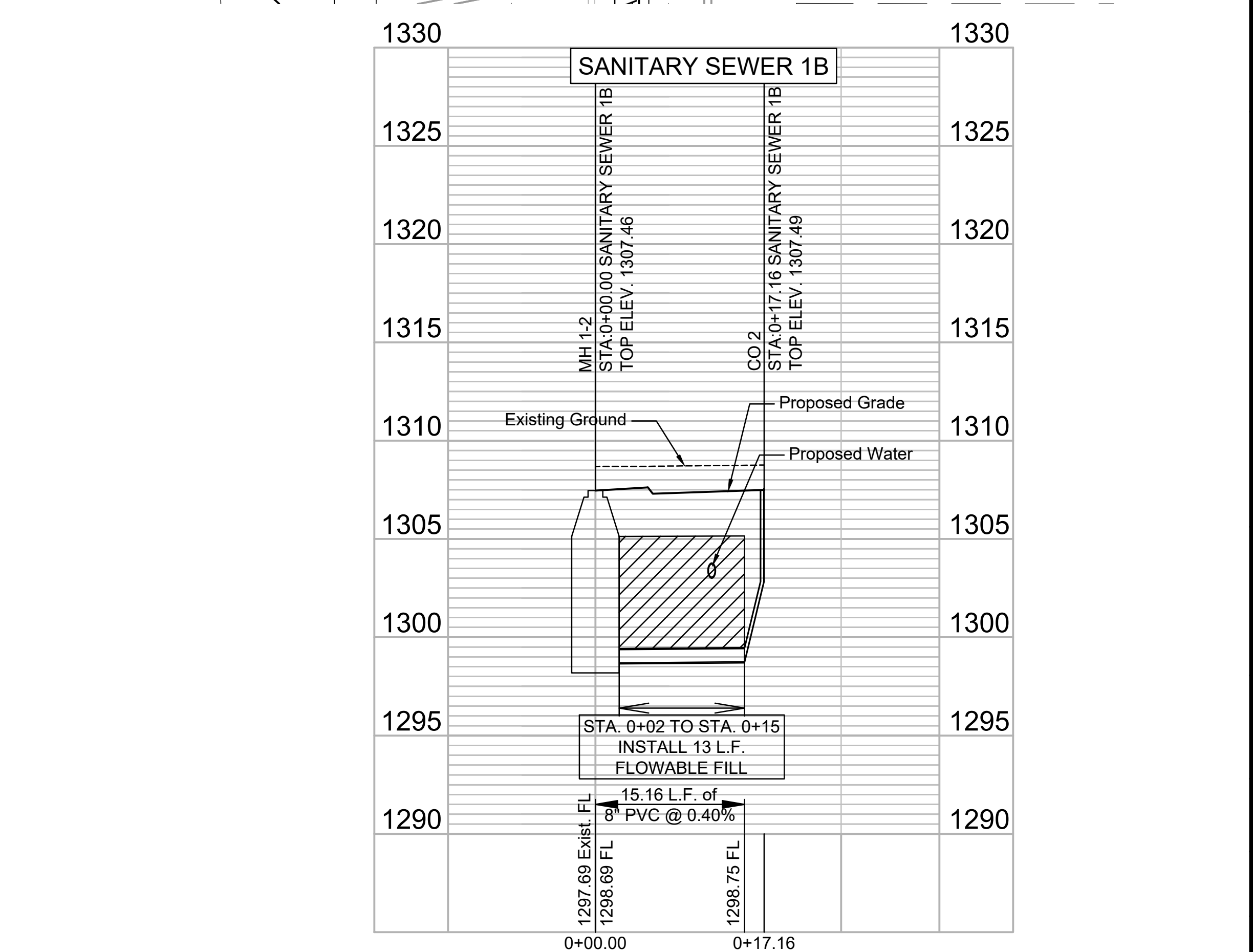
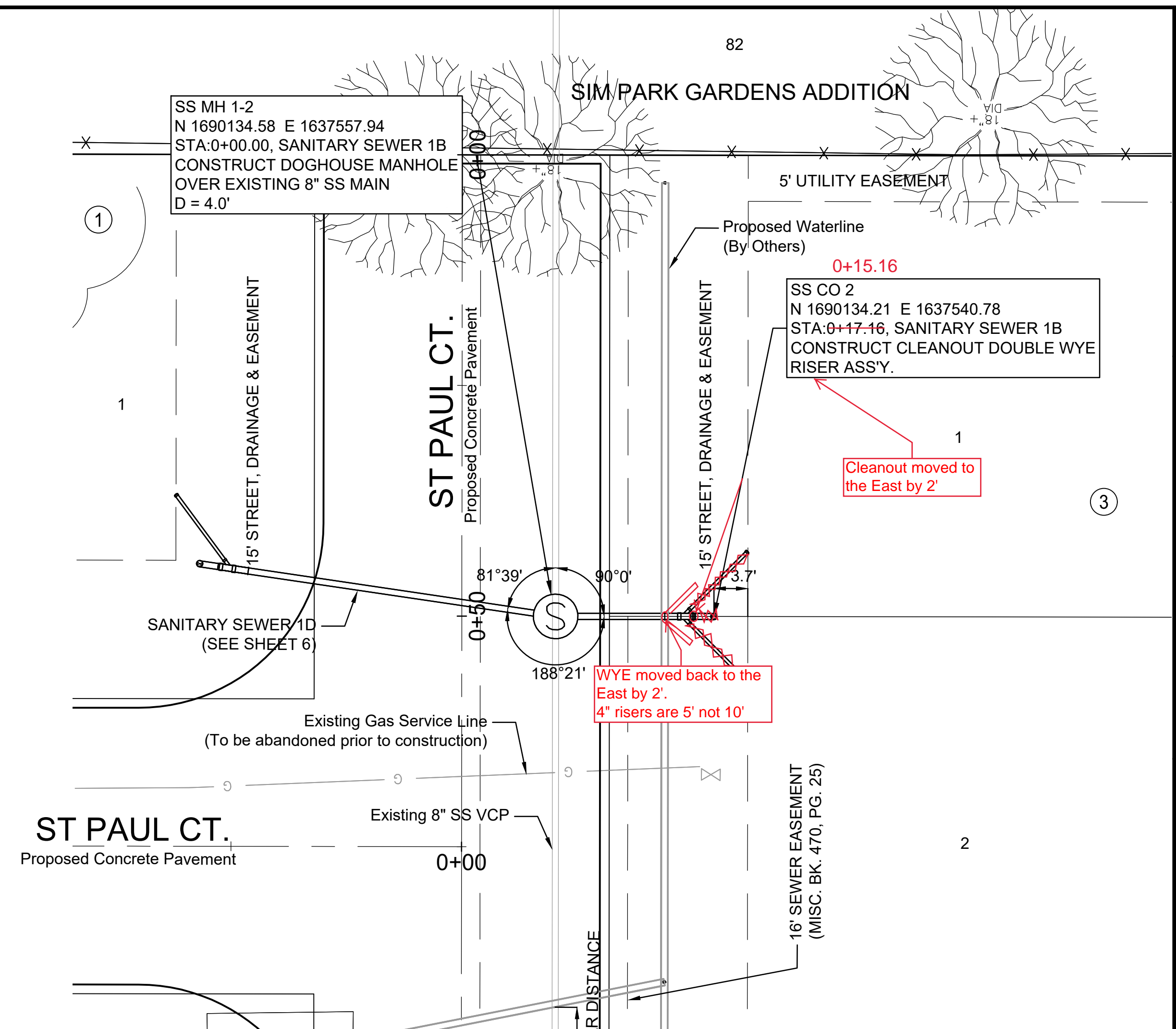
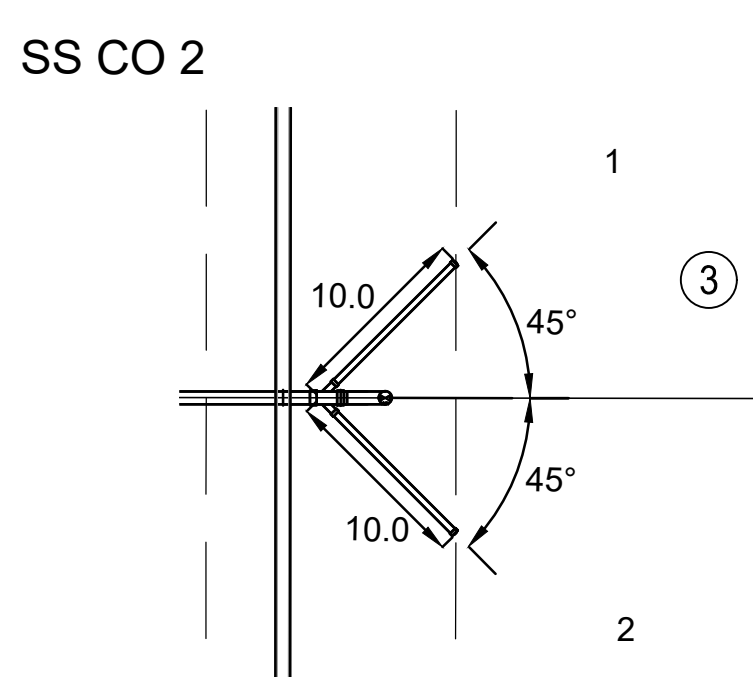
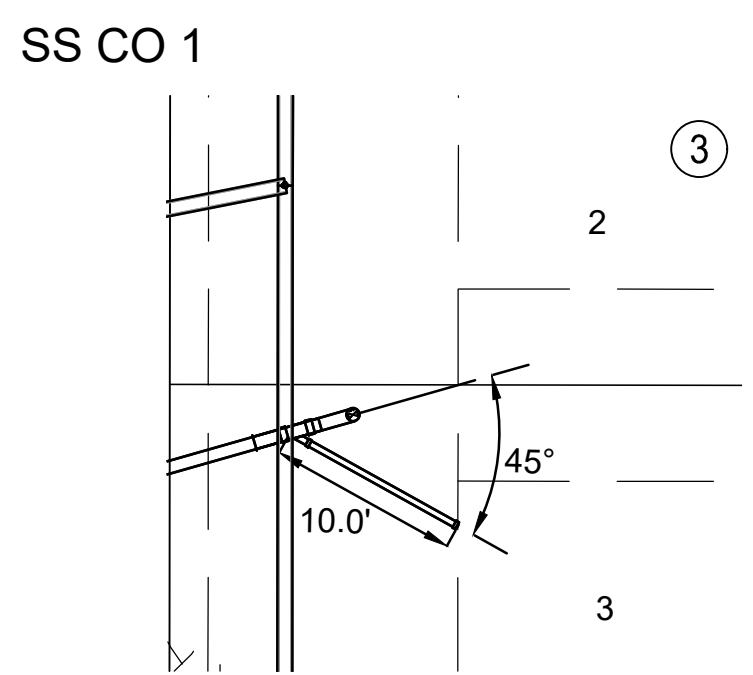
BENCHMARK #1:
CHISELED SQUARE ON THE TOP OF CURB IN FRONT OF 773 N. SAINT PAUL, 63' SOUTH OF THE SOUTHEAST CORNER OF KIMBERLY ADDITION
ELEVATION = 1307.47 (NAVD88, G18)


BENCHMARK #2:
CHISELED SQUARE ON THE TOP OF CURB IN FRONT OF 786 N. SAINT PAUL, 28' NORTH OF THE NORTHEAST CORNER OF KIMBERLY ADDITION
ELEVATION = 1304.16 (NAVD88, G18)

File: L:\2021\12\14\1008 - Kimberly Addition Engineering\Drawings\C3D\SANITARY SEWERS\SANITARY SEWER 1A & 1B.dwg Last Save: 8/30/2021 4:33 PM Last saved by: MCarreiraPiedra
 Last plotted by: Carreira-Piedra, Mariana Plot Date: 8/30/2021 4:34 PM Plotter used: None




NOTES:
 EXISTING FLOWLINE GRADES ARE INTERPOLATED BETWEEN STRUCTURES. CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF SS MAIN AT CONNECTION POINT AT THE TIME OF CONSTRUCTION AND COORDINATE WITH FIELD ENGINEER IF ADJUSTMENTS ARE NEEDED.
 THE SANITARY SEWER CONTRACTOR SHALL COORDINATE WITH THE TIED WATER PROJECT FOR INSTALLATION OF WATER MAIN IN THE AREAS WHERE WATER MAIN CROSSES THE SANITARY SEWER LINES.






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8535 E. 21st Street N.
 Suite 130
 Wichita, KS 67206
 (316) 264-8008



REV.	DATE	DESCRIPTION	BY



CITY OF WICHITA
 WICHITA, KANSAS

KIMBERLY ADDITION
 SANITARY SEWER

SANITARY SEWER 1A & 1B

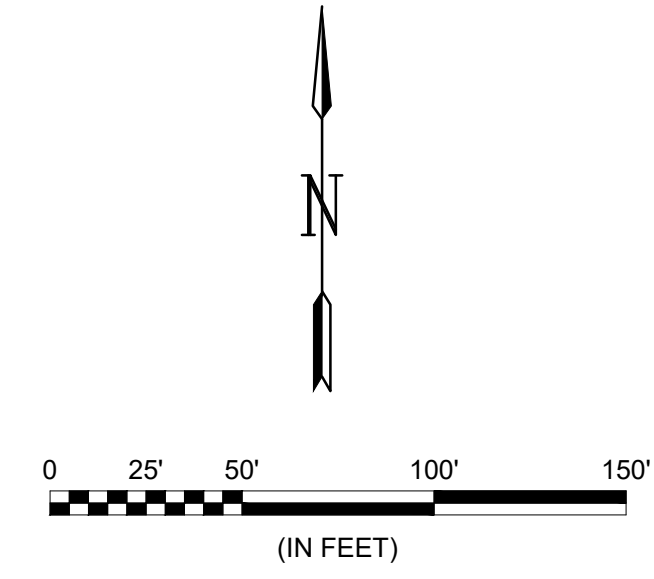
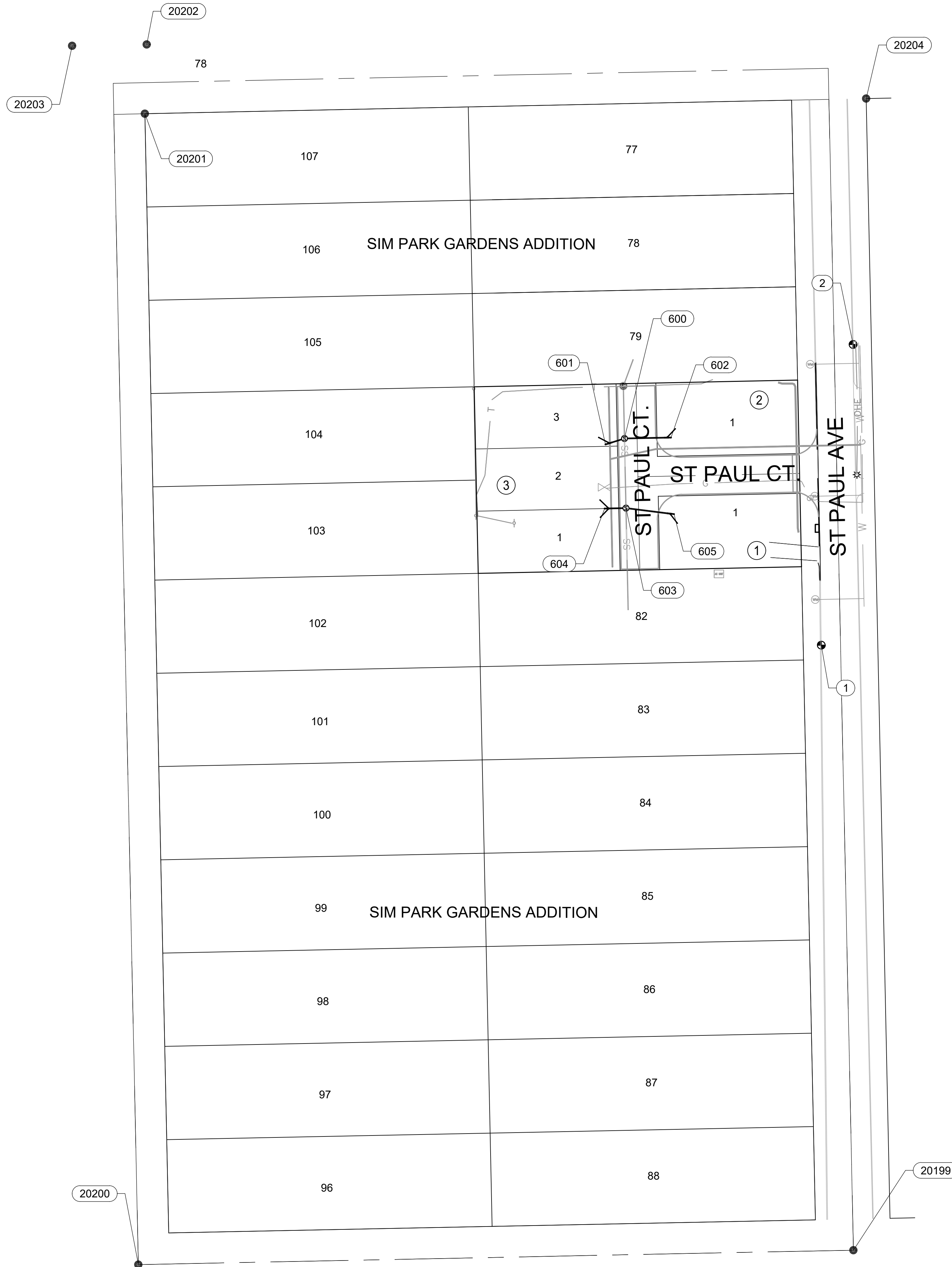
JOB NO.: 21T41008
 DATE: AUGUST 2021
 DESIGNED BY: KWL
 DRAWN BY: MCP

BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

SHEET NUMBER **5** OF **14**

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 Last plotted by: Canera-Piedra, Mariana Plot Date: 8/30/2021 4:04 PM Plotter used: None



Point Table			
Point #	Northing	Easting	Description
1	1690024.37	1637715.04	BENCHMARK #1
2	1690266.11	1637740.60	BENCHMARK #2
600	1690190.53	1637556.75	SS MH 1-1
601	1690185.80	1637541.48	SS CO 1
602	1690191.33	1637594.24	SS CO 2
603	1690134.58	1637557.94	SS MH 1-2
604	1690134.21	1637540.78	SS CO 3
605	1690129.74	1637596.64	SS CO 4
20199	1689537.91	1637740.85	IP 3/4 IN THIMBLE
20200	1689526.31	1637165.80	IP 3/4 IN THIMBLE
20201	1690451.68	1637171.09	IP 3/4 IN SPINNER
20202	1690507.31	1637172.56	IP 3/4 IN
20203	1690506.24	1637112.58	IP 3/4 IN
20204	1690463.85	1637751.14	IP 3/4 IN



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CITY OF WICHITA
 WICHITA, KANSAS
 KIMBERLY ADDITION
 SANITARY SEWER

COORDINATE
 MAP

JOB NO.: 21T41008
 DATE: AUGUST 2021
 DESIGNED BY: KWL
 DRAWN BY: MCP

BAR IS ONE INCH ON ORIGINAL DRAWING
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DRAWING NUMBER

SHEET NUMBER **7** OF **14**