

# 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
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.
- All elevations shown are NGVD29.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
- All stubs and capped 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 the stub is unusable due to elevation grade or alignment, the Contractor shall remove the stub and plug the hole, and reshape the existing manhole invert to provide smooth flow. Where connection to an existing manhole that does not have an existing stub, the Contractor shall core 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 of connect to existing manholes is incidental to the project.
- Contractor shall limit the extent of trench open overnight and weekends to less than 50 feet.
- 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 protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.
- Contractor shall grade around exposed manholes at a 1:1 slope. Manholes set lower than existing grade shall have a 9" berm constructed around manhole to prevent infiltration into sanitary sewer system. Cost of dirt, labor, equipment, etc. to be incidental to cost of manhole. Easements shall be graded with the street improvement project as part of the mass grading plan.
- 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".

- 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".

- The developer for this project is Jay W. Russell, P.O. Box 75337, Wichita, KS 67272 (316)722-2417 jrussellco.com

# SANITARY SEWER IMPROVEMENTS to serve **FALCON FALLS 3RD ADD. Ph. 3C**

## CITY OF WICHITA, KANSAS

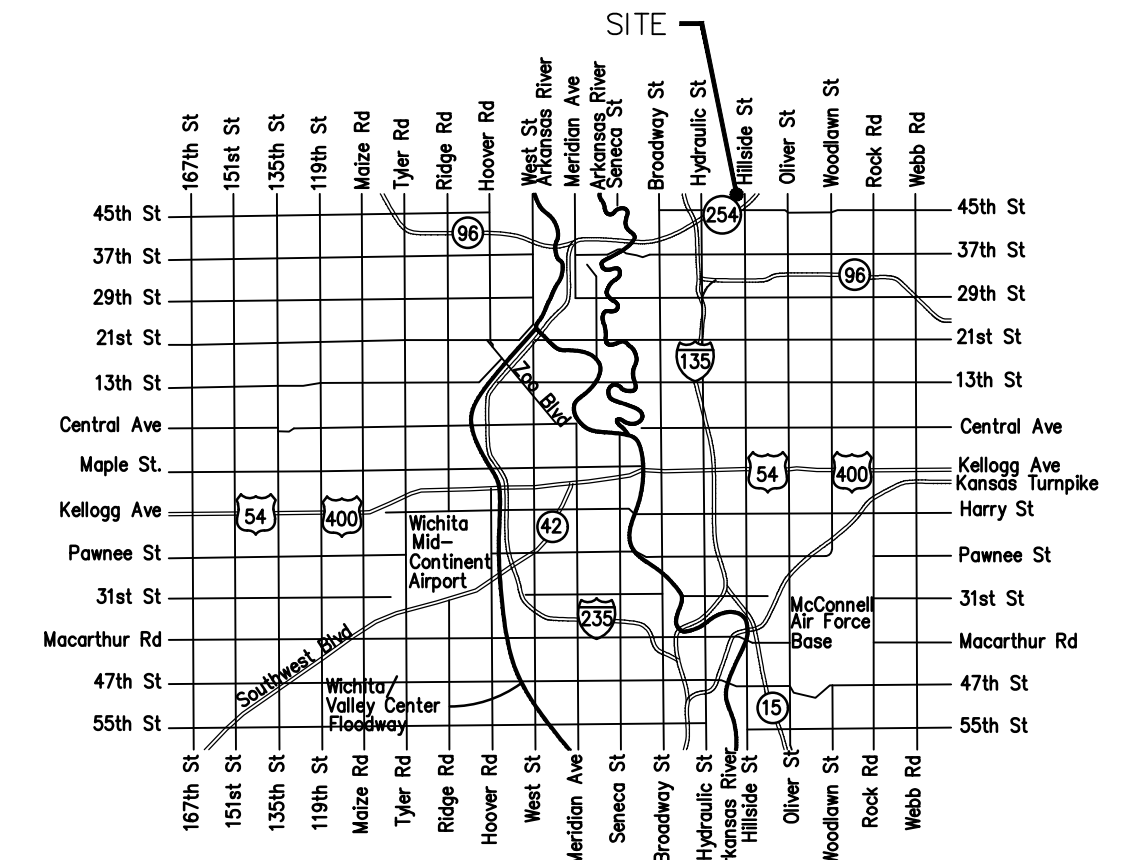
Gary Janzen, P.E. City Engineer

Project Number

468-85278

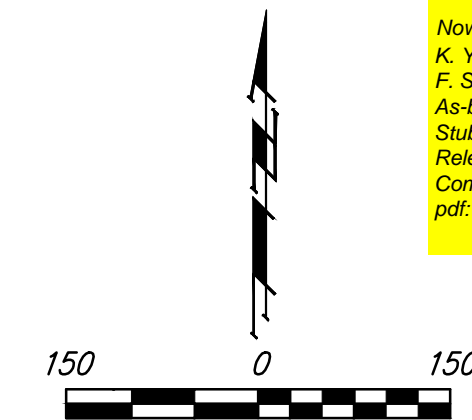
O.C.A. Number

810054



Vicinity Map

Nowak Construction - Contractor  
K. Yale - City of Wichita, Field Project Engineer  
F. Smith - Baughman, Inspector  
As-built  
Stubs and Risers  
Release Date (for connection purposes only): 2/4/2021  
Completion Date: 5/26/2021  
pdf: apr 2/4/2021

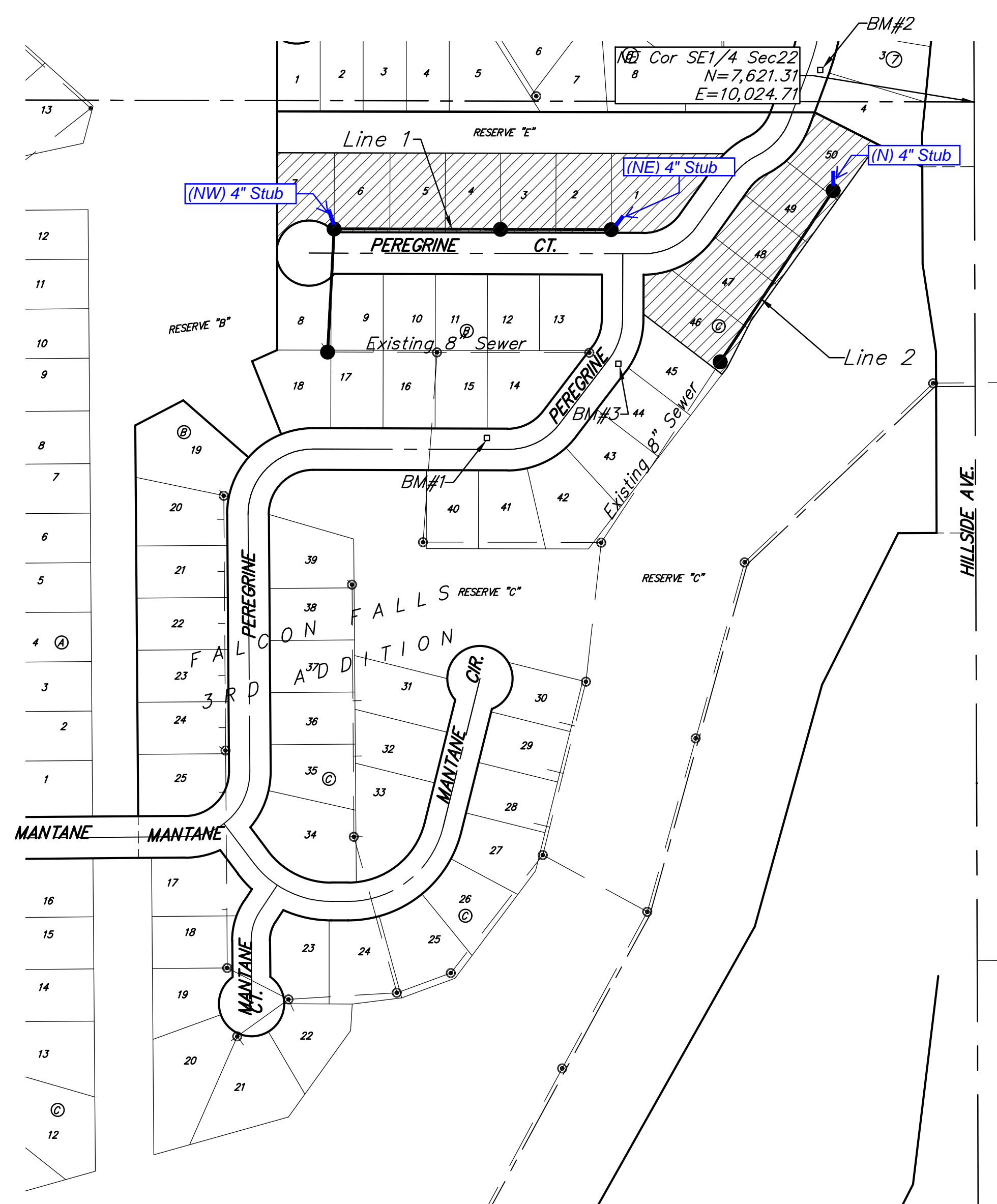


## Benchmarks

BM #1: "□" in top of curb adjacent to common lot corner between Lots 14-15, Block B, Falcon Falls 3rd Addition.  
Elev. = 1350.79 NGVD29

BM #2: "□" in top of curb adjacent to common lot corner between Lots 3-4, Block 7, Falcon Falls Addition.  
Elev. = 1351.64 NGVD29

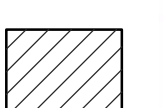
BM #3: Disc in top of curb adjacent fire hydrant near common lot corner between Lots 44-45, Block C, Falcon Falls Addition.  
Elev. = 1352.31 NGVD29



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Benefit District



July 2020



Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0143  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE



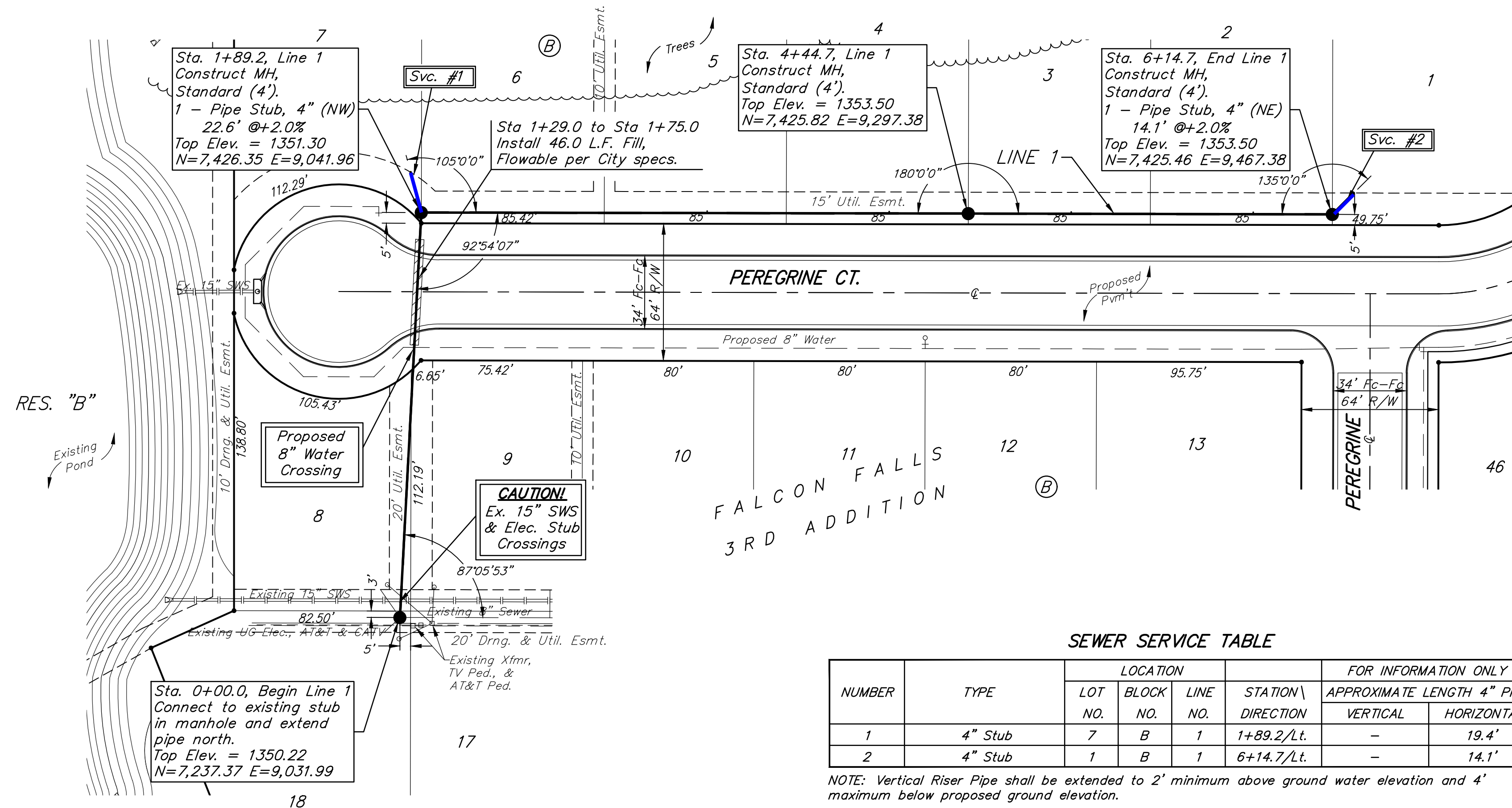
**BENCHMARKS:**

BM #1: "□" in top of curb adjacent to common lot corner between Lots 14-15, Block B, Falcon Falls 3rd Addition. Elev. = 1350.79 NGVD29

BM #2: "□" in top of curb adjacent to common lot corner between Lots 3-4, Block 7, Falcon Falls Addition. Elev. = 1351.64 NGVD29

BM #3: Disc in top of curb adjacent fire hydrant near common lot corner between Lots 44-45, Block C, Falcon Falls Addition. Elev. = 1352.31 NGVD29

All trench and manhole excavation areas from Sta. 1+89.1 to Sta. 6+24.5, 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)".

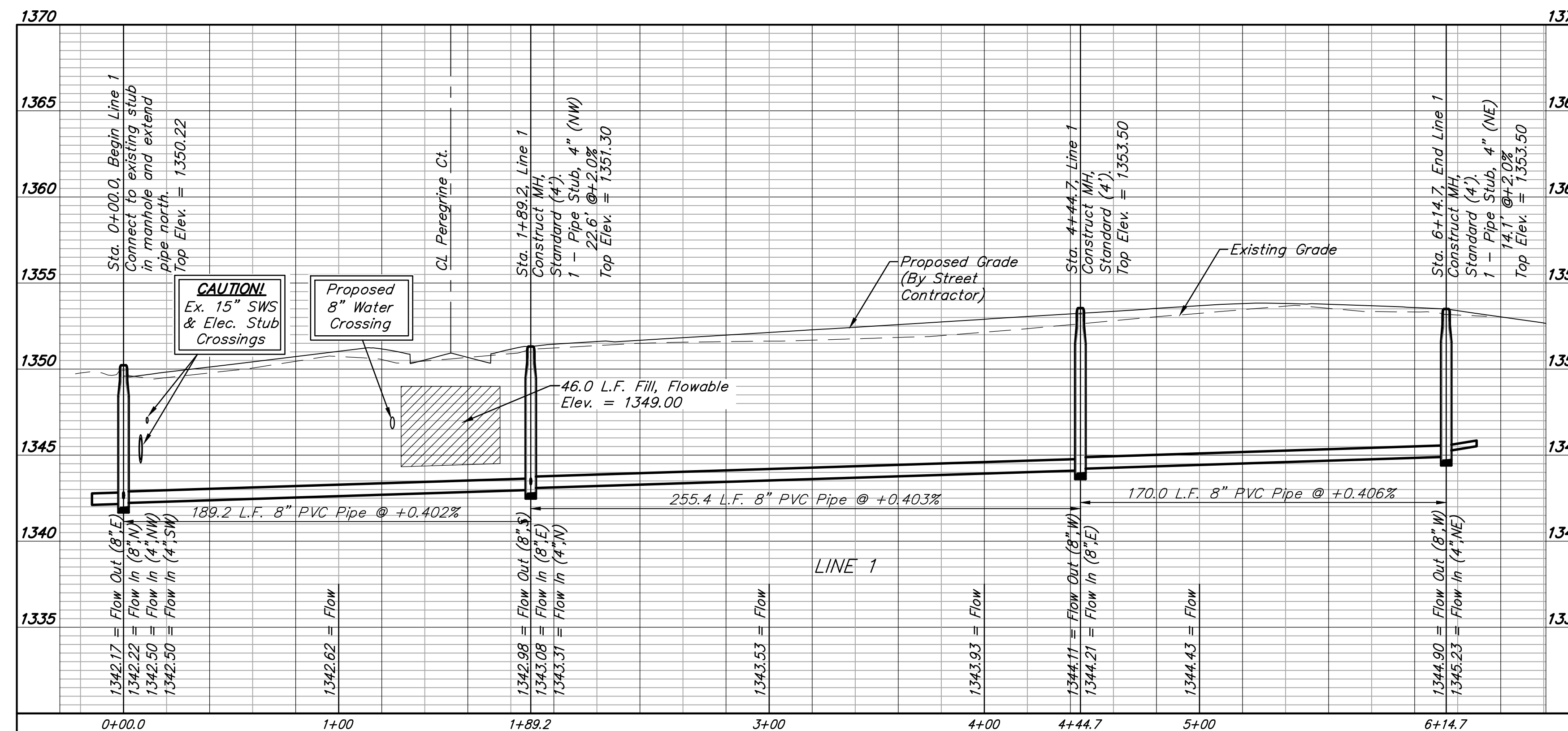


**SEWER SERVICE TABLE**

NUMBER	TYPE	LOCATION			FOR INFORMATION ONLY		Distance from Main to Riser (L/R/L)	Distance from	
		LOT NO.	BLOCK NO.	LINE NO.	STATION DIRECTION	APPROXIMATE LENGTH 4" PIPE		Upstream MH	Downstream MH
1	4" Stub	7	B	1	1+89.2/Lt.	-	19.4'	@ mh	@ mh
2	4" Stub	1	B	1	6+14.7/Lt.	-	14.1'	@ mh	@ mh

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

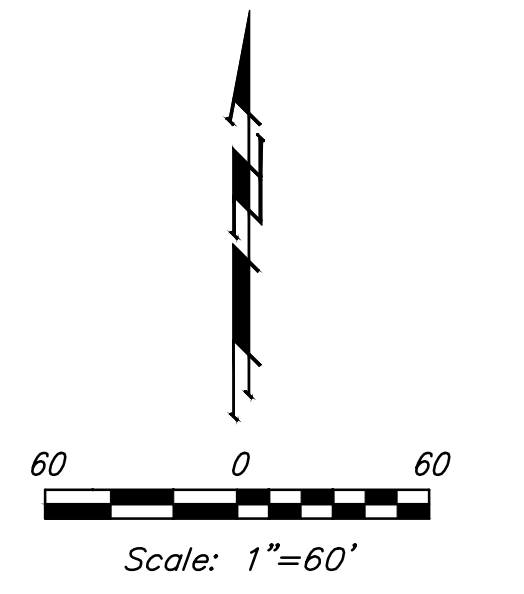
Contractor shall verify elevation and alignment of existing 8" pipe prior to construction and notify Engineer of any discrepancy.





53  
NW Cor SE1/4 Sec22

50  
NE Cor SE1/4 Sec22

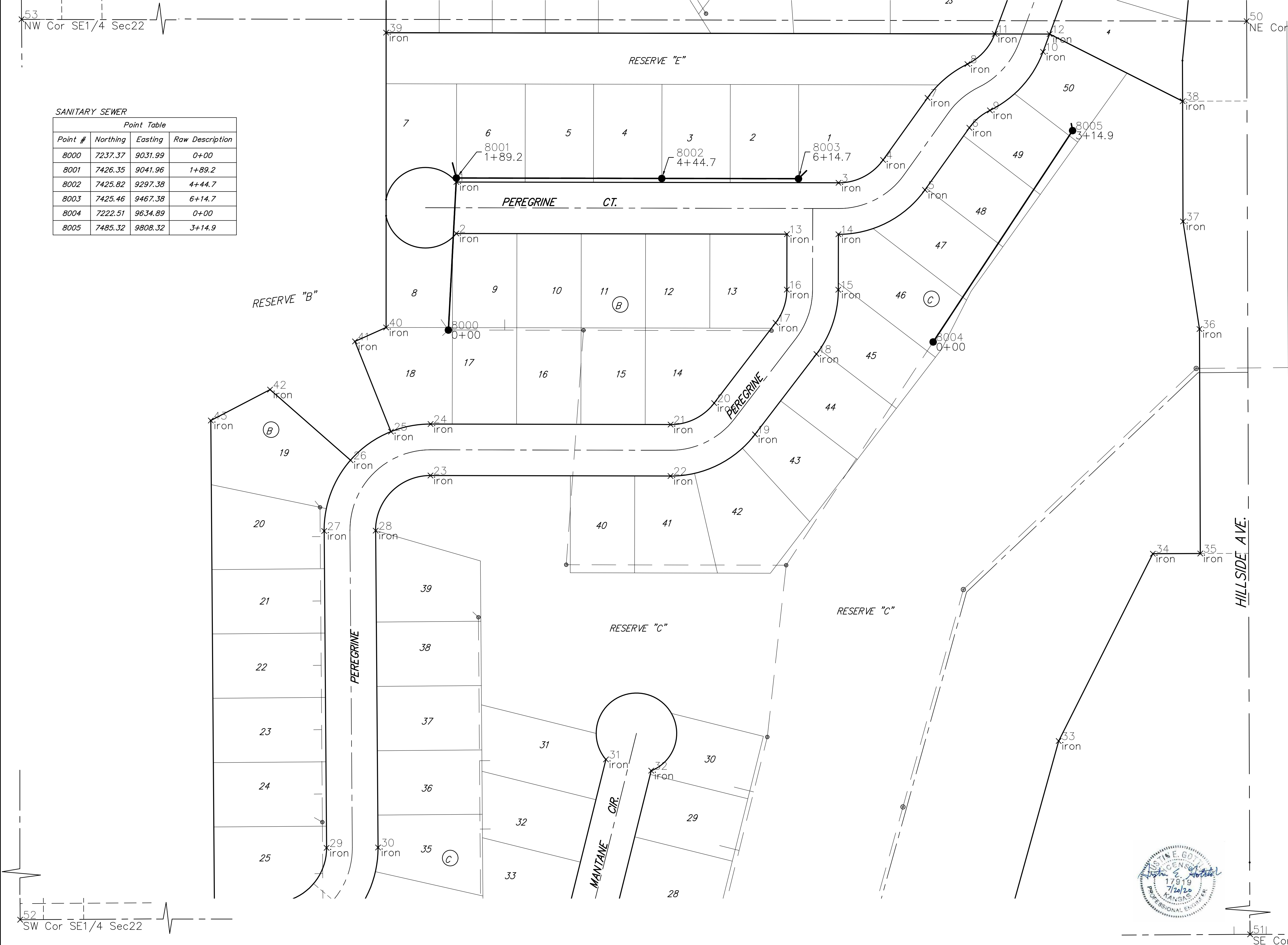


SANITARY SEWER

Point #	Northing	Easting	Raw Description
8000	7237.37	9031.99	0+00
8001	7426.35	9041.96	1+89.2
8002	7425.82	9297.38	4+44.7
8003	7425.46	9467.38	6+14.7
8004	7222.51	9634.89	0+00
8005	7485.32	9808.32	3+14.9

IRONS

Point #	Northing	Easting	Raw Description
1	7421.35	9041.95	iron
2	7357.35	9041.82	iron
3	7420.36	9517.13	iron
4	7448.79	9572.57	iron
5	7411.54	9624.61	iron
6	7488.80	9679.90	iron
7	7526.04	9627.85	iron
8	7567.93	9677.46	iron
9	7510.38	9705.45	iron
10	7583.22	9771.49	iron
11	7605.45	9711.48	iron
12	7605.31	9779.68	iron
13	7356.49	9452.99	iron
14	7356.36	9516.99	iron
15	7287.39	9516.85	iron
16	7287.52	9452.85	iron
17	7246.35	9438.86	iron
18	7207.47	9489.70	iron
19	7107.60	9413.31	iron
20	7146.48	9362.47	iron
21	7119.79	9308.32	iron
22	7055.79	9308.19	iron
23	7056.41	9009.67	iron
24	7120.41	9009.80	iron
25	7111.00	8960.57	iron
26	7075.46	8910.30	iron
27	6987.42	8877.53	iron
28	6987.90	8941.53	iron
29	6593.52	8880.48	iron
30	6594.00	8944.48	iron
31	6703.48	9227.94	iron
32	6689.47	9284.22	iron
33	6726.34	9790.92	iron
34	6959.21	9908.08	iron
35	6959.42	9967.08	iron
36	7238.53	9966.08	iron
37	7372.35	9945.60	iron
38	7521.77	9945.07	iron
39	7607.02	8954.50	iron
40	7240.53	8954.50	iron
41	7223.15	8915.78	iron
42	7163.26	8810.20	iron
43	7124.84	8736.50	iron
50	7621.31	10024.71	NE Cor SE1/4 Sec22
51	4984.62	10034.26	SE Cor SE1/4 Sec22
52	4969.33	7411.52	SW Cor SE1/4 Sec22
53	7626.85	7391.60	NW Cor SE1/4 Sec22



52  
SW Cor SE1/4 Sec22

51  
SE Cor SE1/4 Sec22

FALCON FALLS 3RD ADD. Ph. 3C  
**COORDINATE SHEET**  
 SANITARY SEWER IMPROVEMENTS