

# Lateral 10, Main 5, NWI SANITARY SEWER IMPROVEMENTS to serve **CRYSTAL GARDENS ADDITION**

## CITY OF WICHITA, KANSAS

James L. Armour, P.E. City Engineer

Project Number  
468-84424

O.C.A. Number  
744287

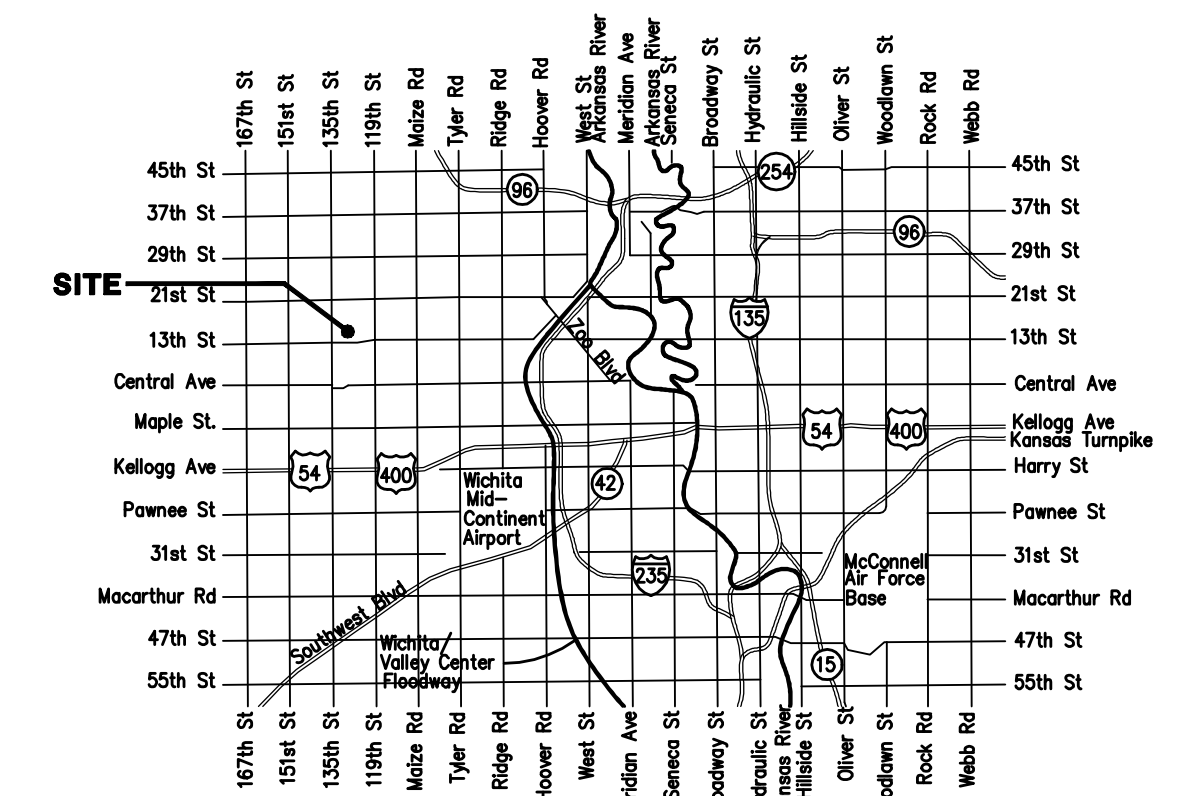
### Sheet Index

Title Sheet	1
Line 1	2
Line 2	3-4
Line 2A	5
Line 3	6-7
Line 3A	8
Standard Manhole Detail	9
Std. Shallow Manhole Detail	10
Ring & Cover Detail	11
Erosion Control Plan	12
Erosion Control BMP Details	13-16
Coordinate Sheet	17
Copy of Plat	18

### Benchmarks

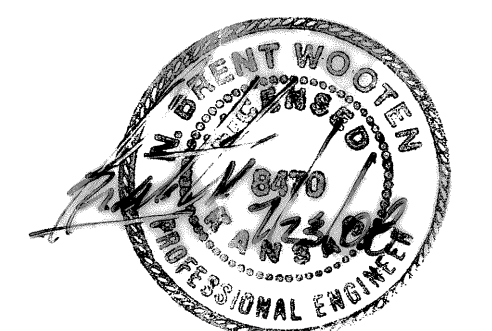
"□" Cut On Top of Curb, West Side of Forestview, East of Fire Hydrant, and Along Easterly Extension of the South Line of Lot 2, Block A, Liberty Park 2nd Addition.  
Elev. = 1347.62 NGVD29

City of Wichita Benchmark Southwest Corner of 13th St N and 135th St W 30' South and 35' West Intersection. East Side of Concrete Base for Highline Pole.  
Elev. = 1355.65 NGVD29



### Vicinity Map

Nowak Construction - Contractor  
S. Cody - City of Wichita, Inspector  
Date Released: 02/28/2009  
As-built  
Stubs & Risers  
pdf: apr 03/17/2009



### GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) 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

2. 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.

3. 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.

4. 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.

5. 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.

6. 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 "Site Clearing & Restoration".

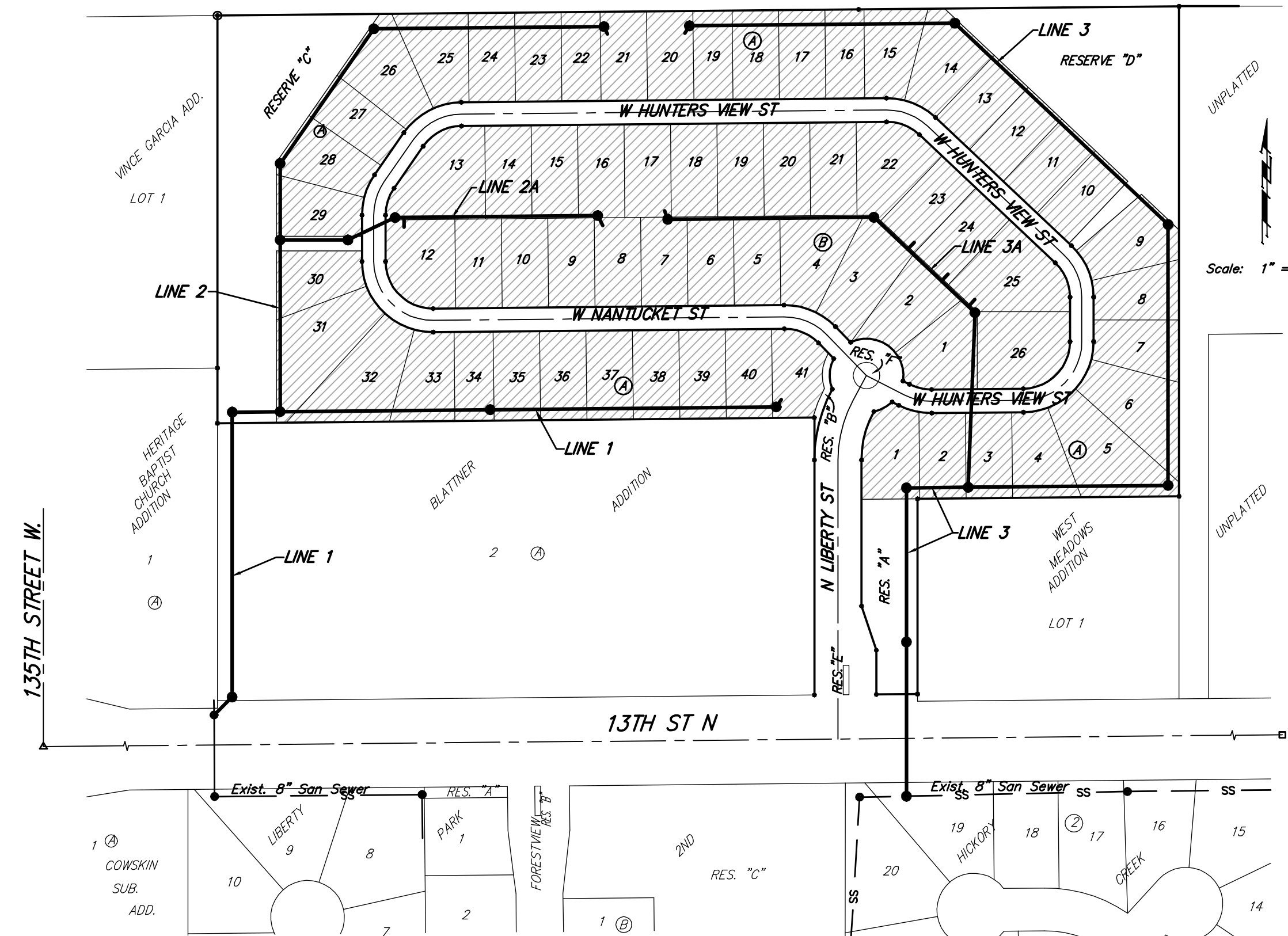
7. All areas disturbed during construction shall be seeded at 300 lbs./acre with Rye Grass immediately following construction in that area. Contractor shall prepare ground per City of Wichita Specifications. All costs associated with seeding shall be included in bid item "Project Seeding".

8. 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.

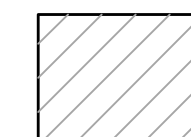
9. Excess excavation shall remain on site and be spread evenly on lots outside of easements and R/W's.

10. Developed properties within the construction limits may have underground sprinkler systems which may conflict with new construction. Contractor will be required to replace sprinkler heads and/or irrigation lines, and other such improvements should they be damaged by his construction activities. All work in connection with underground sprinkler systems shall be incidental to "Site Clearing & Restoration".

11. The developer for this project is Paul E. Kelsey and may be reached at (316) 722-1077



# Benefit District



Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0145  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE