

**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  
 Southwestern Bell 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 Pipeline Co. 1-800-231-2551  
 Williams Pipeline Co. 529-6600  
 Phillips Pipeline Co. 1-800-766-8230

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 on site location. Locations, in the opinion of the Engineer, 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. 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.

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. At conclusion of construction, an as-built survey will be completed by the engineer. The contractor will be required to finish and smooth grade all locations as necessary that are not within ±0.2' of plan grade. The contractor shall include all costs associated with the regrading and/or remediation in the bid item "Mass Grading."

7. 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 by "others" with the mass grading project.

8. 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 "Erosion Control BMP's."

9. All areas disturbed by construction shall be seeded as indicated on the Mass Grading Plan.

10. The Contractor will be required to come back to the project site to regrade and smooth finish all easements & right-of-way areas to ensure that no final grades are more than two tenths of a foot (0.2') off at any location on the project. The Contractor shall include in his bid all cost allocation to regrade & adjust the final grading as may be required to complete the project in an expeditious time period once the Engineer or Developer contacts him to do so without any hesitation or delay.

**STORM WATER DRAIN #205**

to serve

**HIGHLAND SPRINGS 3RD ADDITION**

CITY OF WICHITA, KANSAS

James L. Armour, P.E. Acting City Engineer

Project Number

468-83637

O.C.A. Number

751392

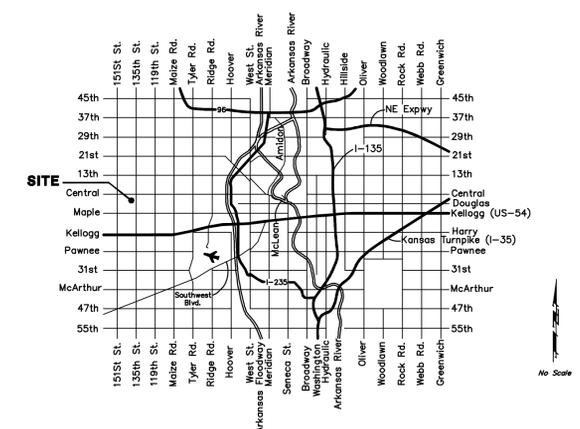
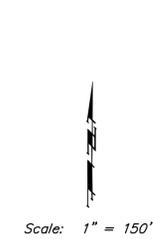
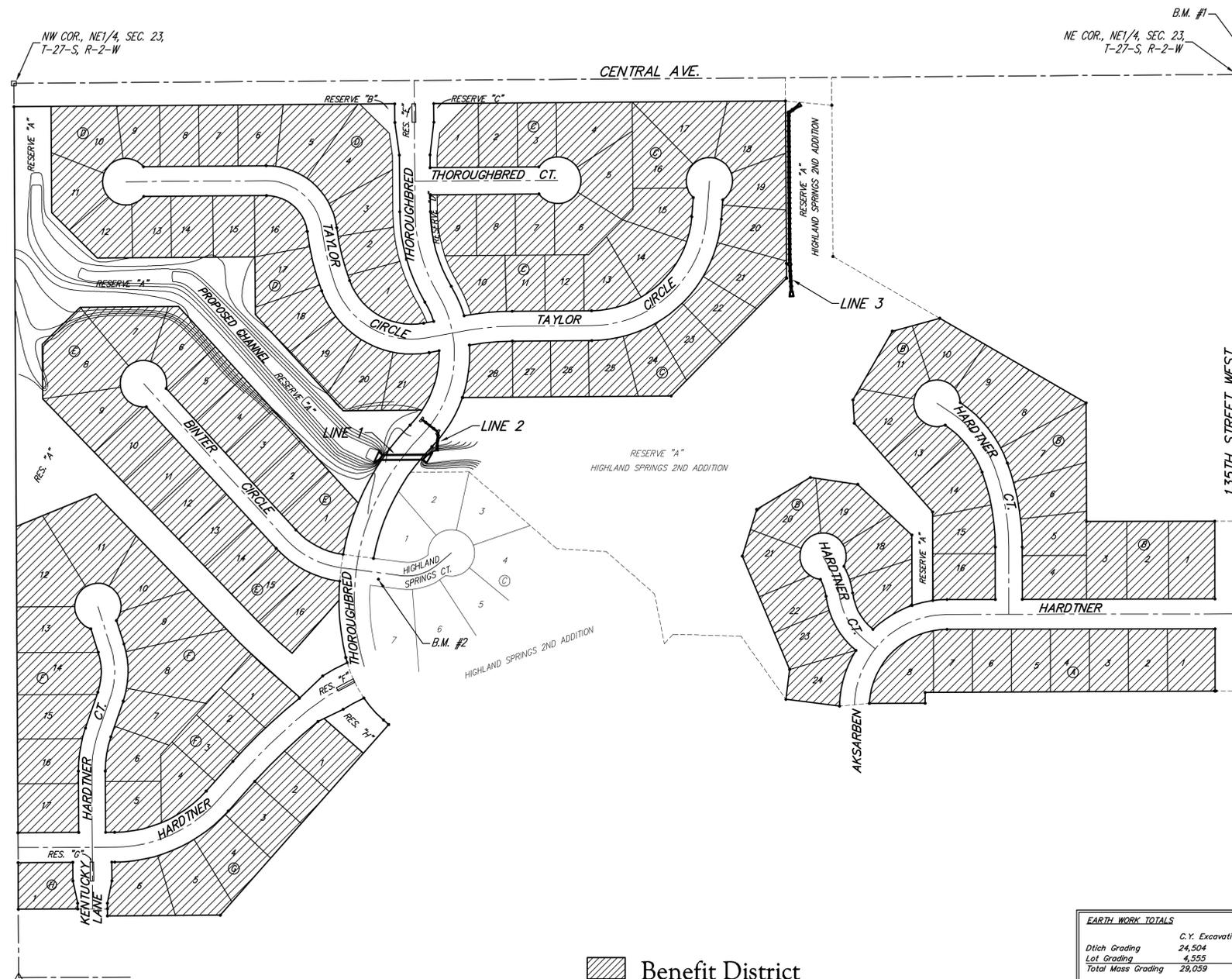
**Sheet Index**

Title Sheet	1
Mass Grading Plan	2
Line 1 & Line 2	3
Channel Plan	4
Ditch Grading	5
Line 3	6
Std. Type 1A Inlet Detail	7
RCBC Detail	8-9
Handrail Detail	10
Weir Detail	11
Std. Shallow Manhole Detail	12
Special Headwall Detail	13
Channel Cross Sections	14-15
Erosion Control BMP's	16-19
Erosion Control Plan	20
Copy of Plat	21

**Benchmark**

#1 135th St. W. & Central  
 City of Wichita Benchmark  
 DISC - NE Cor. Intersection,  
 32.6' N. & 24.5' E. of Q both,  
 39.5' NE of Iron at Sec. Cor.  
 Elev. = 159.50 (City Datum)

#2 Brass disc in curb - south  
 side of Highland Springs Ct.  
 adjacent to fire hydrant 18±  
 East of NW Cor. Lot 7, Block  
 C, Highland Springs 2nd  
 Addition.  
 Elev. = 176.46 (City Datum)



Benefit District

EARTH WORK TOTALS		
	C.Y. Excavation	C.Y. Fill
Ditch Grading	24,504	-
Lot Grading	4,555	22,928
Total Mass Grading	29,059	22,928

Earthwork quantities are unadjusted and are for reference only. All cost shall be incidental to "Mass Grading".

**Baughman**  
 Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE