STORM WATER SEWER

to serve

Pearson Farms 3rd Addition

Lot 3 & Parcel A, Lot 2

CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

Private Project Number

1074 PPS (607861)

Sheet Index

Plan Sheet	1
Type 2 Inlet Detail	2

Benchmarks

"□" Cut in Top of Catch Basin on South Side of 21st Street North and Adjacent to Lot 2, Pearson Farms 3rd Addition.
Elev. = 163.41 (City Datum)

GENERAL NOTES:

1. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) 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	262-0661
Kansas Gas Service Company	383-8600
KGE	383-8600
Peoples Gas Company	942-8350
Southwestern Bell Telephone Company	1-800-344-7233
City of Wichita Water Dept.	268-4908
City of Wichita Traffic Engineering	269-4446

2. Underground utility service lines and overhead utility pole lines 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. Rubbis from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided hy the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site locatio... Locations that, 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 stockpiles or disposed of in a flood plain would 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 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 law.

5. All areas disturbed by construction shall be seeded at 300 lbs./acre with Rye Grass immediately following construction in that area. Contractor shall prepare ground per City specifications.

6. All disturbed areas shall be seeded and mulched as follows:

SEED--Kansas Premium Fescue Blend--8#/1000 Sq. Ft. (Equal parts of Olympic II, Bonanza, Apache, and Monarch Fescue Varieties)

FERTILIZER--16-20-6 Ratio--4#/1000 Sq. Ft. or approved equal.

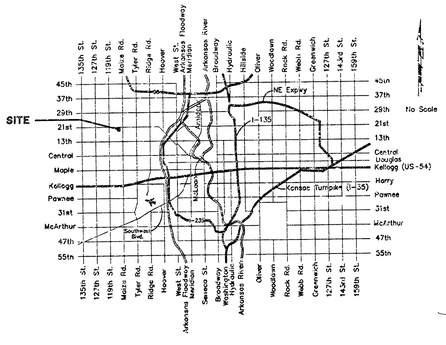
MULCH--2 Tons of Prairie Hay per Acre.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers URH 12/14/00

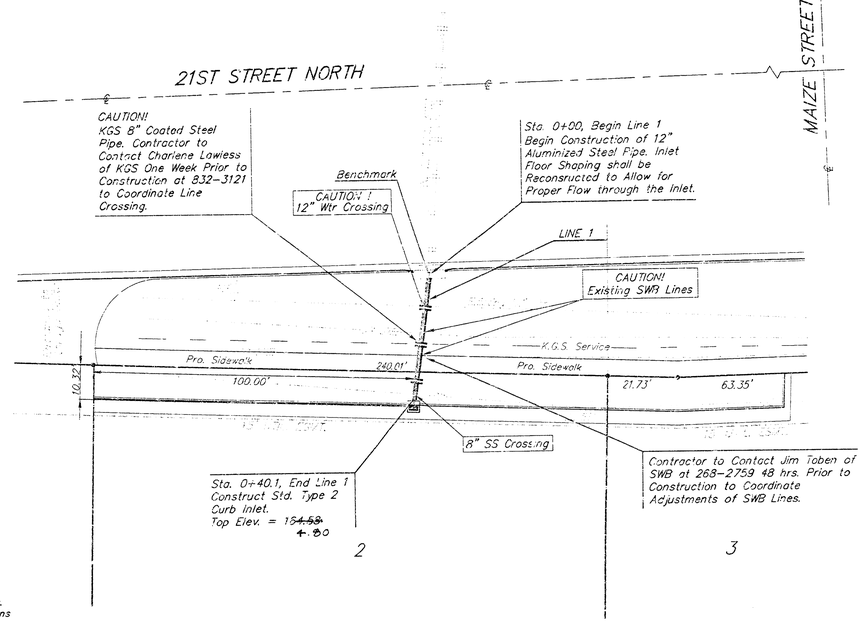
NOTE TO CONTRACTORS

Installation, inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).



Vicinity Map

BRUCE LEE FELTNER
LICENSED
13744
12/14/00
KANSAS
PROFESSIONAL ENGINEER

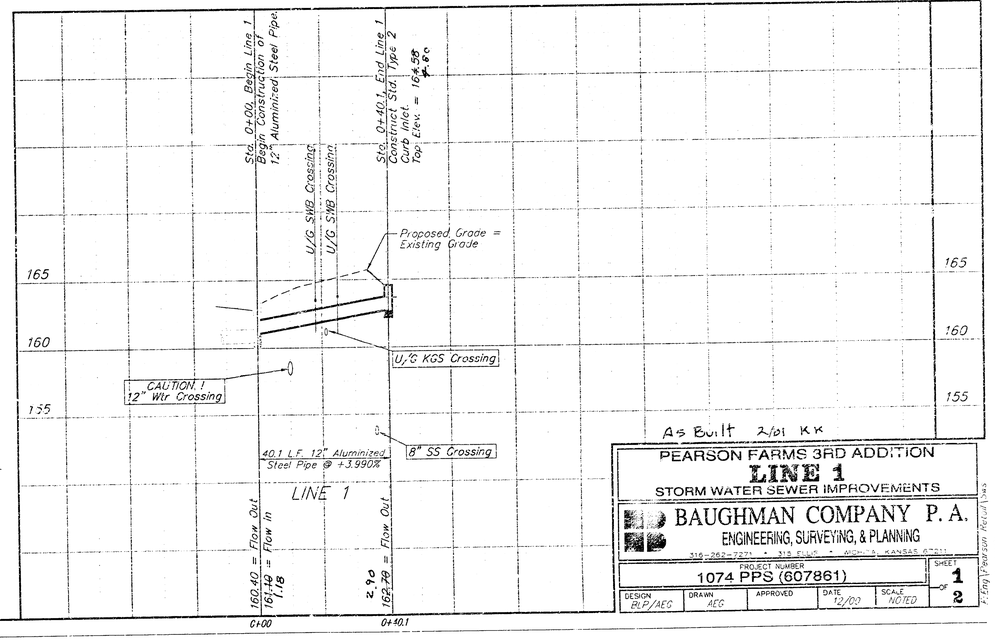


Scale:
1" = 20' Horizontal
1" = 5' Vertical
• = Iron

BOOKED 9-27-01 MLS 9-62

Inlet Floor Shaping Shall be Reconstructed to Allow for Proper Flow Through Manholes.

PEARSON FARMS 3RD ADDITION



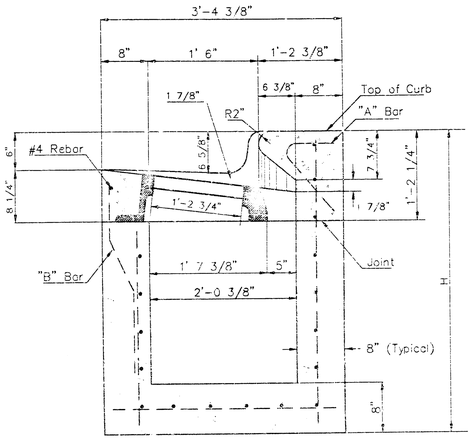
As Built 2/01 KK

PEARSON FARMS 3RD ADDITION
LINE 1
STORM WATER SEWER IMPROVEMENTS

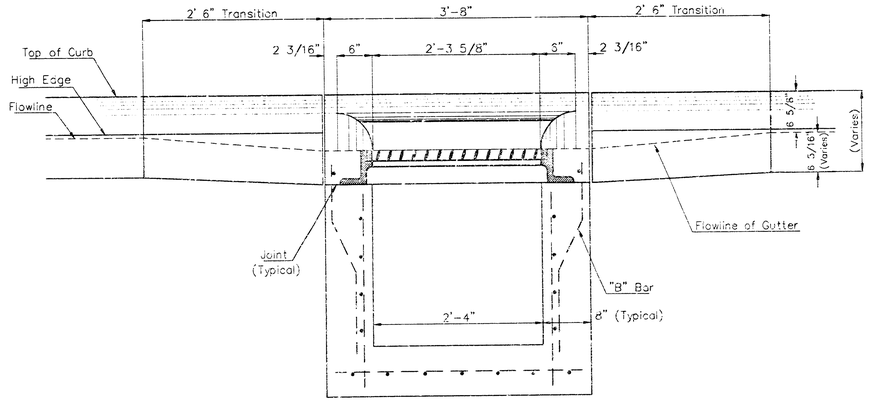
BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 FAIR • WICHITA, KANSAS 67211

PROJECT NUMBER					SHEET
1074 PPS (607861)					1 of 2
DESIGN	DRAWN	APPROVED	DATE	SCALE	
BLP/AEG	AEG		12/00	NOTED	

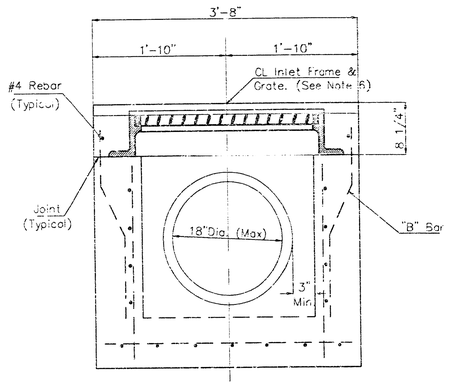
K:\Eng\Pearson Retail Park



SECTION A-A

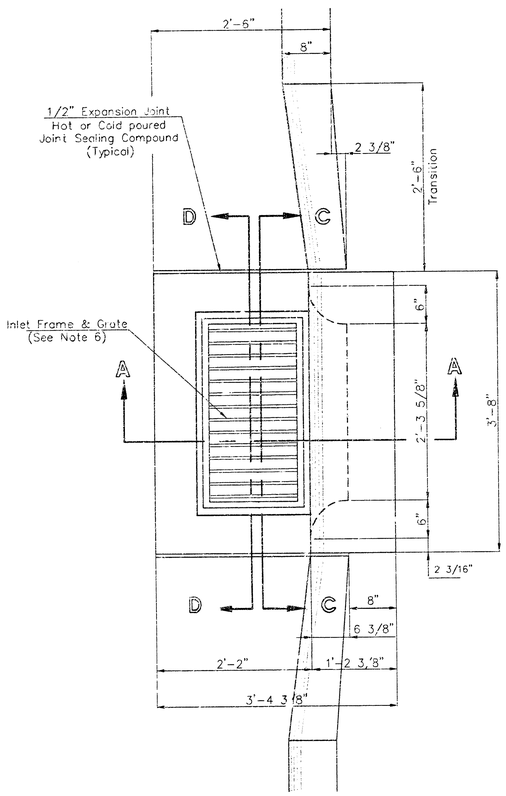


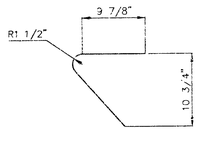
SECTION C-C



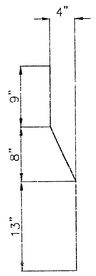
SECTION D-D

REAR WALL





"A" Bar



"B" Bar

General Notes

1. Use the concrete mix specified for the City of Wichita concrete pavement throughout. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be bent around pipe.
2. Inlet invert shall be shaped with 8 sack mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
3. All bars are #4 with 6" spacing and shall have a minimum clearance of 1 1/2" inches unless otherwise noted on the plans.
4. When directed by the Engineer, a small opening may be required in the back of the inlet in order to drain a low area. Reinforcing bars will extend through the openings. No deductions in concrete quantities will be made for these openings.
5. No deductions will be made in pay length of curb, gutter, or curb and gutter through the inlet area.
6. Use Neenah R-3289 HV Single Inlet Frame and Grate or approved equal. Inlet frame to be proof load tested to 40,000 lbs. on unsupported side.
7. Reinforcing bars shall be cut or bent around pipes. No deduction in concrete quantities shall be made for pipe openings.
8. The vanes of the grate shall be oriented with respect to the flow arrows shown on the plans.

Redrawn Jan.1992

CITY OF WICHITA

STD. TYPE II CURB INLET

INLET OPENINGS - 8"x2'-9 5/8"

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER				SHEET 2 OF 2
DESIGN	DRAWN 1/1987	APPROVED	DATE	SCALE NONE