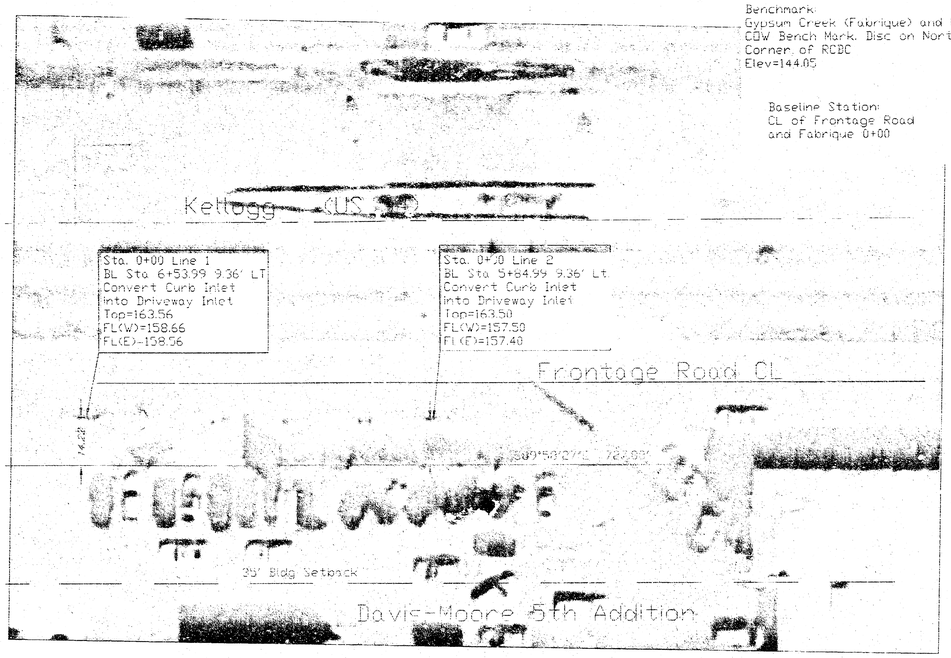
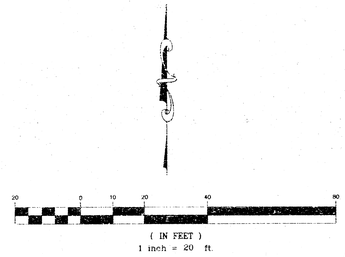
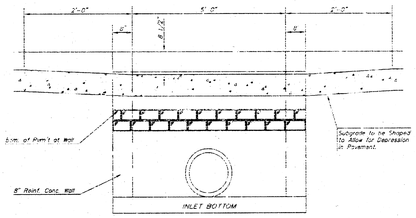


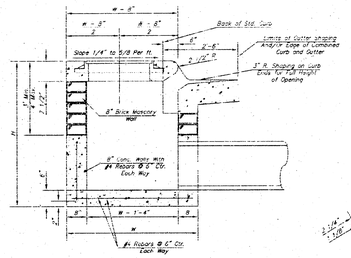


STORM SEWER TO SERVE

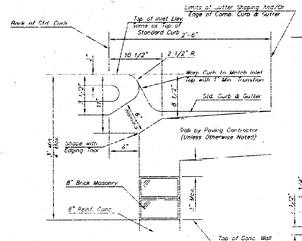
Lot 1, Davis-Moore 5th Addition
1514 PPS (607861)
CITY OF WICHITA, KANSAS
Jim Armour, P.E., Acting City Engineer



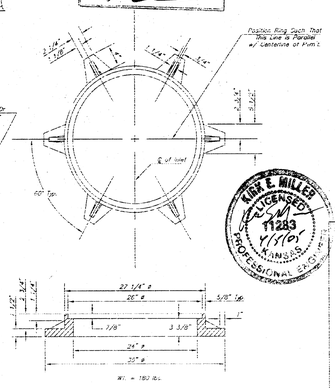
SECTION C–C



SECTION A–A



SECTION B–B



Wt. = 160 lbs.

MANHOLE RING AND COVER

*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to be used with Inlet Frame.

STEEL SCHEDULE

BAR	①	②	③	D						④	⑤	⑥	WT. LBS.
				W=4'-4"	W=5'-4"	W=6'-4"	W=7'-4"	W=8'-4"	W=9'-4"				
NUMBER	4	4	2	1	3	5	7	9	6	1	1		
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#5		
LENGTH	W=4'-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-	-	-	1'-9"	6'-2"	4'-6"	50lb
	W=5'-4"	7'-7"	8'-7"	5'-0"	=	6'-1"	-	-	-	-	1'-9"	6'-2"	4'-6"	81lb
	W=6'-4"	9'-7"	10'-7"	6'-0"	-	-	6'-1"	-	-	-	1'-9"	6'-2"	6'-8"	101lb
	W=7'-4"	11'-7"	12'-7"	7'-0"	-	-	-	6'-1"	-	-	1'-9"	6'-2"	6'-8"	121lb
	W=8'-4"	13'-7"	14'-7"	8'-0"	-	-	-	-	6'-1"	1'-9"	6'-2"	6'-8"	141lb

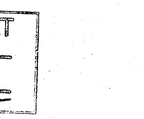
Note: ⑤ Bars to be Placed Approx. 2" Below Top of Inlet Floor

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	QTY. TO CONC.
4'-4"	5' 5" X 4' 7 1/2"	21" & SMALLER	0.38c
5'-4"	6' 5" X 4' 7 1/2"	24" & 30"	0.41c
6'-4"	7'-5" X 4'-7 1/2"	36" & 42"	0.44c
7'-4"	8'-5" X 4'-7 1/2"	48" & 54"	0.71c
8'-4"	9'-5" X 4'-7 1/2"	60" & 66"	0.80c



BENDING DIAGRAM



GENERAL NOTES

1. Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
2. Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.
3. Inlet invert shall be shaped with 8 sack sand 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.
4. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.
5. Cuts made to paved surfaces on public property will be repaired by the City's contractor and charged against the owner / applicant. Unit repair prices are available from the City at 268-4118. A surcharge may be applicable. Call 268-4118 for details. Repair costs to be paid prior to release of water service if water service is affected.

APPROVED AS NOTED

Storm Sewers URH 4/5/05

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).

Lot 1 Davis-Moore Addition

Storm Sewer to Serve

Wichita, Kansas

kemiller engineering
516 S. Market
Wichita, KS. 67202
316/264-0243

PROJECT NUMBER			
KLM NO. 05018	FILE SWS	DATE 3/24/05	SHEET 1
DESIGN KM	DRAWN BB	RELEASED 4/2005	OF 1