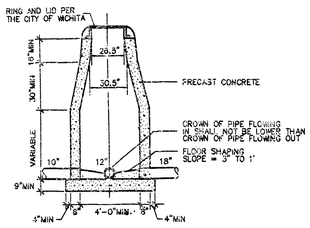
STORM WATER SEWER TO SERVE
RESERVE IN FANTASEA
LOT 1
CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

Private Project Number

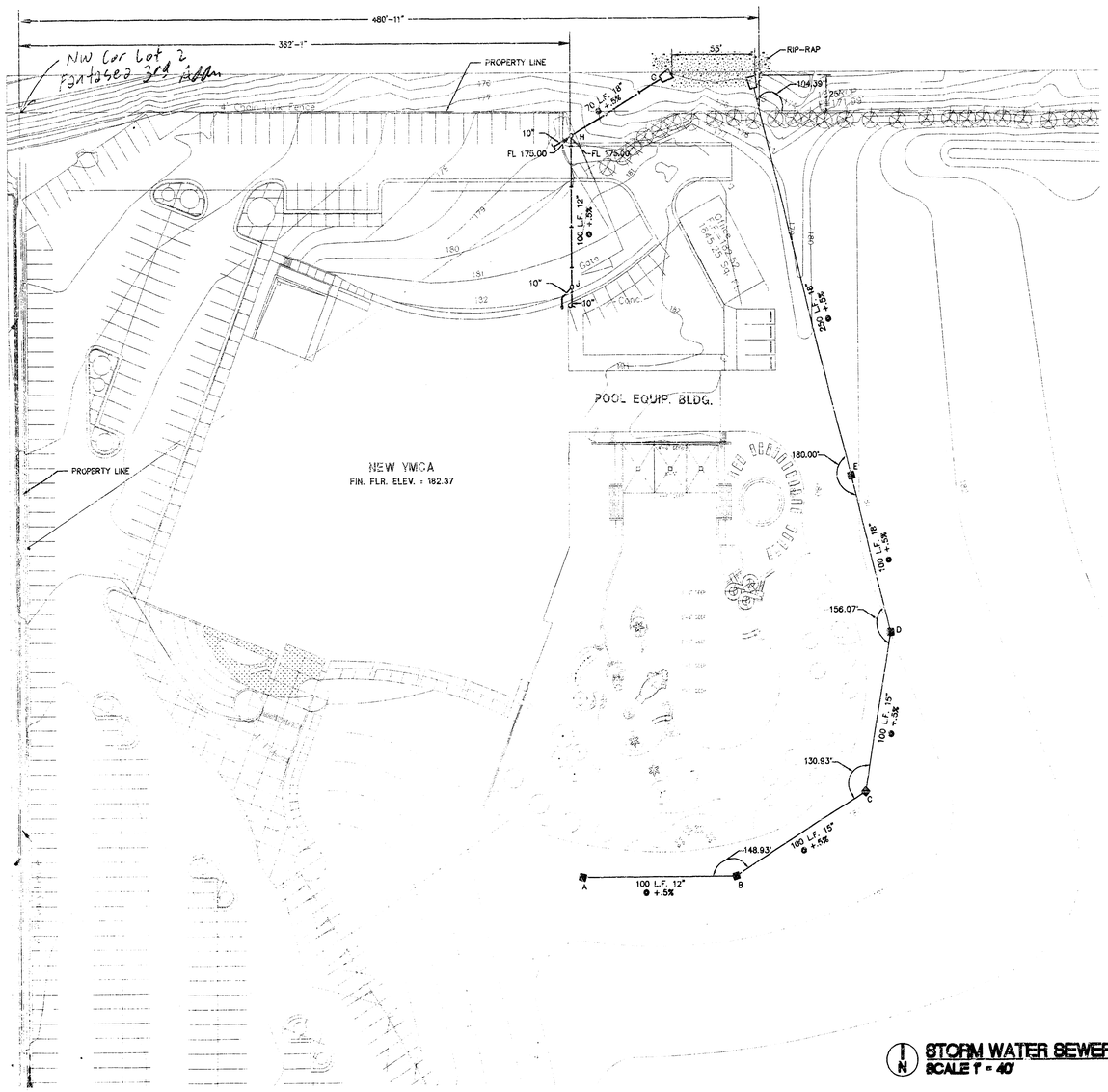
1167PPS (607881)

FEBRUARY 2002



PRECAST MANHOLE DETAIL

NO SCALE



STORM WATER SEWER PLAN
SCALE 1" = 40'

Booked
E-9
1/03/04
RDL

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers VRH 2/15/02

NOTE TO CONTRACTORS

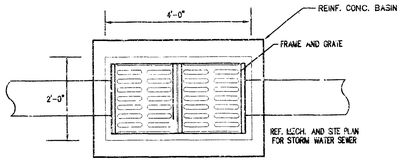
Installation, inspection and testing for this project is to be provided by a Licensed Consulting Engineering firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional 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).

BENCHMARK

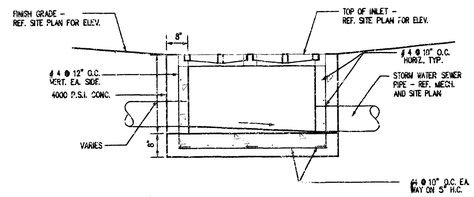
Cut "□" on top of hubguard @ east side of 10'x3' RCB
Elev. = 109.05 (City Datum)

- GENERAL NOTES -

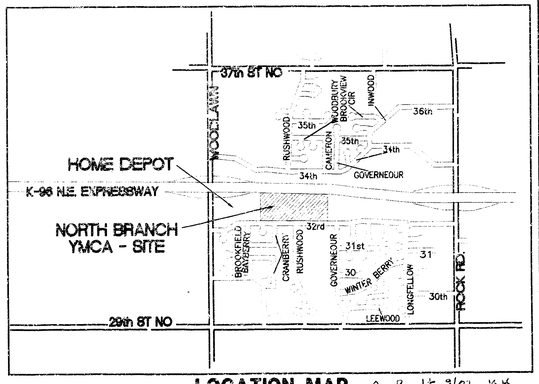
1. REFER TO SITE SURVEY SHEET C12-1 FOR ALL UTILITY DESCRIPTIONS, NOTES, AND LEGAL DESCRIPTIONS PERTAINING TO THE EXISTING SITE.
2. THE INSTALLING CONTRACTOR IS RESPONSIBLE TO REVIEW ALL ARCHITECTURAL, MECHANICAL, STRUCTURAL, ELECTRICAL DRAWINGS FOR CONFLICTS AND/OR DESCREPANCIES.
3. COORDINATE CONNECTION OF MECHANICAL SYSTEMS WITH EXTERIOR UNDERGROUND AND OVERHEAD UTILITIES AND SERVICES. COMPLY WITH REQUIREMENTS OF GOVERNING REGULATIONS, FRANCHISED SERVICE COMPANIES, AND CONTROLLING AGENCIES. PROVIDE REQUIRED CONNECTION FOR EACH SERVICE.
4. MATERIAL FOR ALL STORM SEWER PIPING 15" AND SMALLER SHALL BE ASTM D 3034, SDR 35, FOR SOLVENT-CEMENTED OR GASKETED JOINTS, 18" AND LARGER PVC ASTM F 679, T-1 WALL THICKNESS BELL AND SPIGOT FOR GASKETED JOINTS WITH ASTM F 477 ELASTOMERIC SEALS.



CATCH BASIN - PLAN
N.T.S.



CATCH BASIN - SECTION
N.T.S.



LOCATION MAP As Built 9/02 VK Baughman Co.

DRAIN STRUCTURE SCHEDULE

MARK	STRUCTURE	TOP ELEV.	INVERT ELEV.	LINEAR FEET	SLOPE	REMARKS
A	CATCH BASIN	179.00 ~~1.33~~	178.56 ~~4.44~~	–	.5%	PRECAST
B	CATCH BASIN	179.50 ~~4.87~~	178.00 ~~4.13~~	100.00	.5%	PRECAST
C	CATCH BASIN	179.50 ~~4.38~~	178.00 ~~5.62~~	100.00	.5%	PRECAST
D	CATCH BASIN	179.50 ~~4.22~~	178.00 ~~5.10~~	100.00	.5%	PRECAST
E	CATCH BASIN	179.50 ~~4.81~~	178.50 ~~4.44~~	100.00	.5%	PRECAST
F	END SECTION	174.80	173.30 ~~2.03~~	250.00	.5%	PRECAST
G	END SECTION	174.80	173.30 ~~4.61~~	–	.5%	PRECAST
H	MANHOLE	179.50 ~~4.53~~	178.00 ~~5.40~~	–	.5%	PRECAST
J	MANHOLE	181.00 ~~1.05~~	179.00 ~~5.88~~	100.00	.5%	PRECAST

SCHAEFER JOHNSON COX PFREY & ASSOCIATES P.A.
ARCHITECTURE & ENGINEERING PLANNING & INTERIOR DESIGN
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WICHITA, KANSAS 67202-1212
316 265-9311

YMCA NORTH BRANCH