

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 10/22/96
Driveway Approaches _____
Water Mains _____
Paving _____

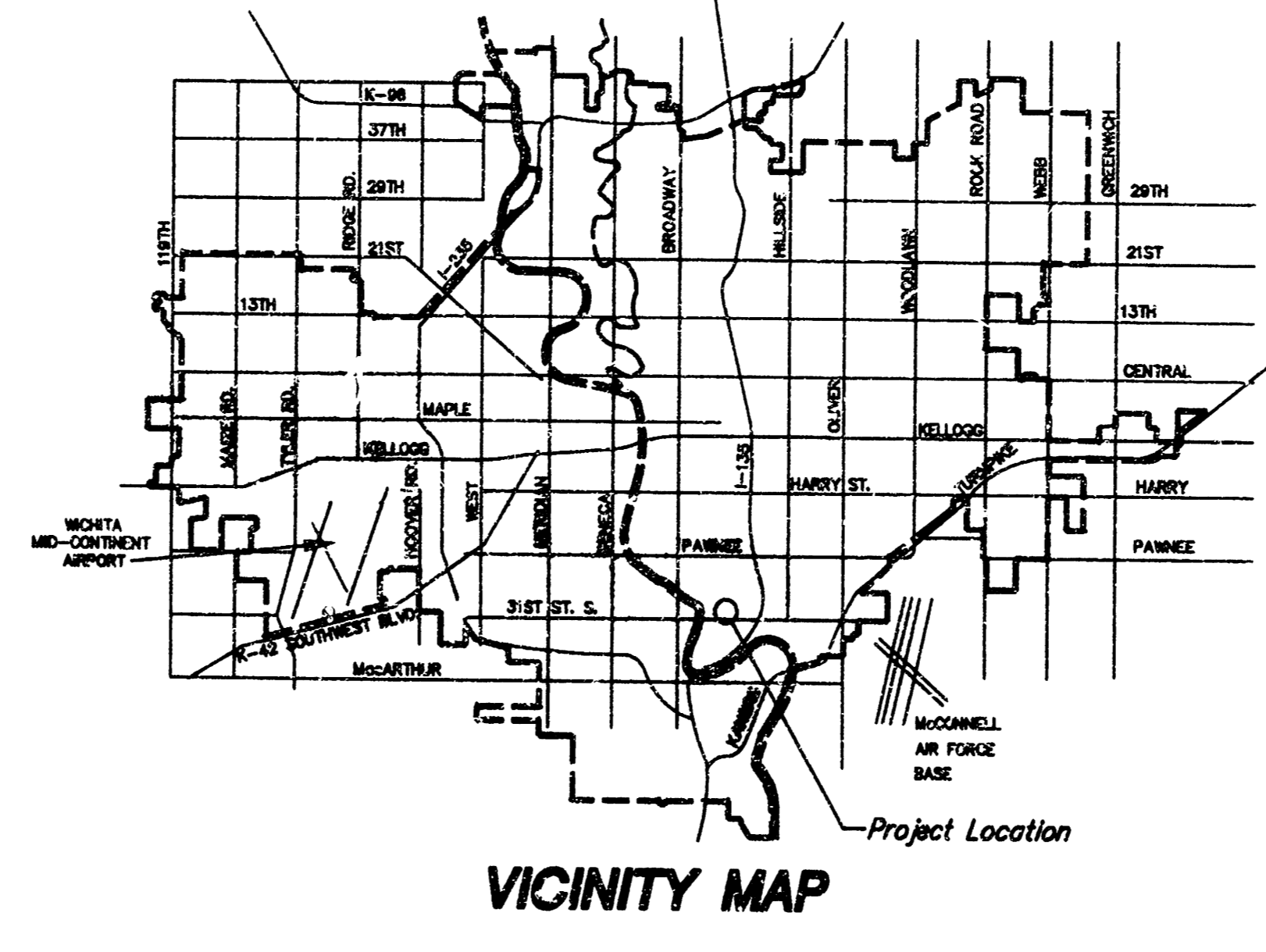
NOTE TO CONTRACTORS

Inspection and testing for this project are 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.

- GENERAL NOTES:**
- All work on this project shall conform to the Standard Specifications for Storm Sewer Construction of the City of Wichita.
 - Locating dimensions are to center of new inlet.
 - All areas within public right-of-way which may be disturbed by Contractor's operations shall be restored in accordance with City of Wichita Administrative Regulation AR-78.
 - The Contractor shall notify Kansas One-Call (687-2470) a minimum of 24 hours prior to any excavation.
 - Traffic on Tulsa to be maintained in both directions at all times.
 - Any roof drain connection to this storm sewer will require a permit from the City of Wichita.

RUNOFF CALCULATIONS:

By Rational Formula:	Q=CIA		
Impervious Area	51100 S.F.		
Permeous Area	78540 S.F.		
D.A. (to storm sewer)	3.00 Acres		
C _{IMPERVIOUS}	0.95		
C _{PERMEOUS}	0.65		
C _{MEAN}	0.77		
Assumed time of concentration	10 min.		
I _s	5.34 in./hr.	I ₁₀₀	8.54 in./hr.
Q _s	12.3 cfs	Q ₁₀₀	19.7 cfs
Inlet open area	4.51 S.F.		
Capacity at 1.0' depth	21.7 cfs		



AS-BUILT 1-11-97 VR

**LOT 1, BLK. 1, SANTA FE MIDLAND INDUSTRIAL DISTRICT
PRIVATE STORM SEWER
WICHITA, KANSAS**

SRB 924 NORTH MAIN 316-264-8008
WICHITA, KANSAS 67203 FAX 264-4621

SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER
656 PPS (507861)

DESIGN T.C.R. DRAWN J. Long UTILITY JCR REVIEW JCR DATE Oct. 22, 1996 REVISION

SHEET 1 OF 1

BOOKED
6-16-97
MEG
C-164

6. ACTIVE PROJECTS JASON LANGSTAD (SIC CASTLE METALS) STORM SEWER PLAN