

BENCH MARKS

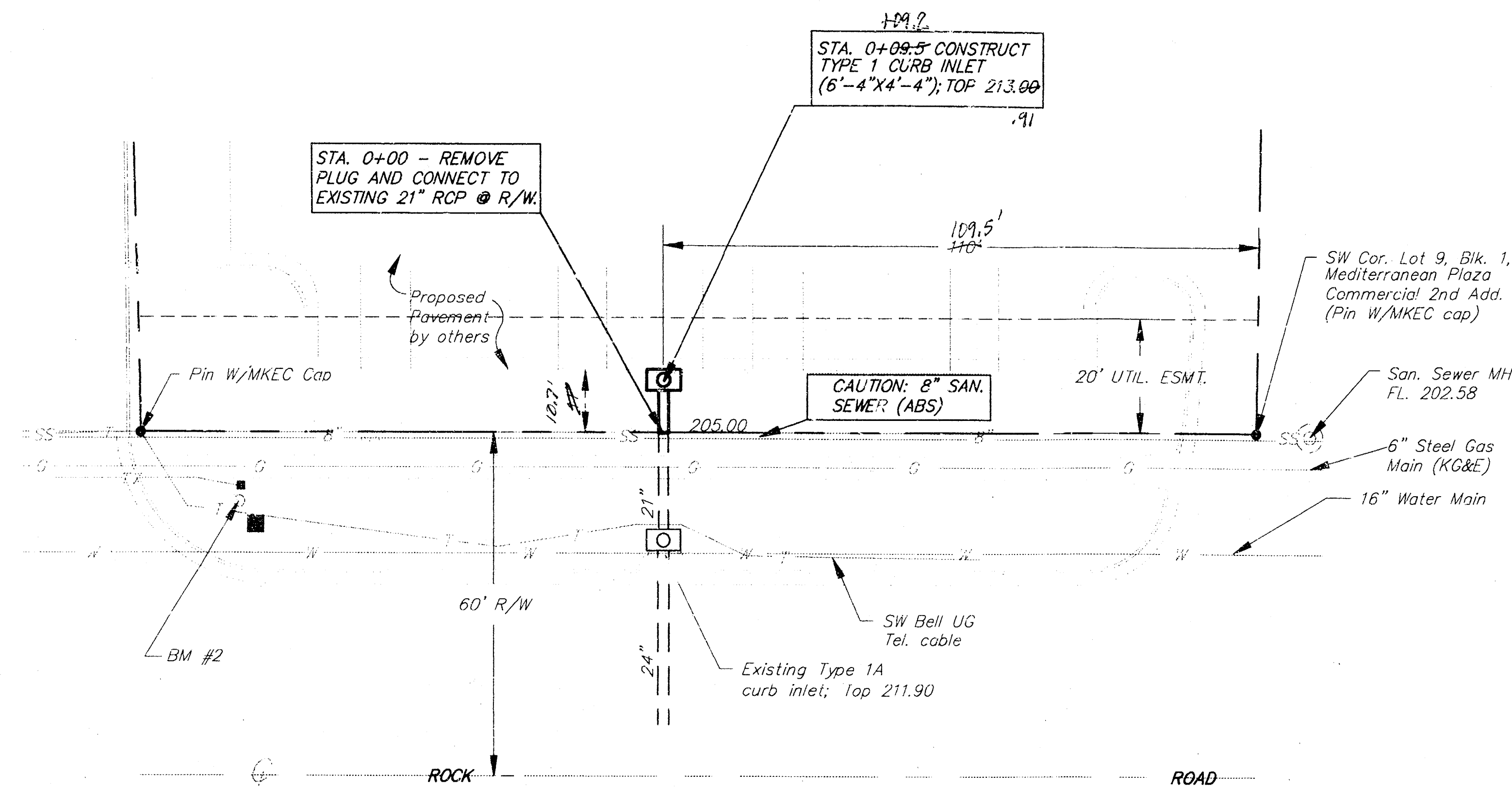
1. R.R. SPIKE IN EAST FACE OF POWER POLE NORTH OF THE S.W. COR. LOT 8, BLK 1
ELEV= 214.74
2. R.R. SPIKE IN WEST SIDE OF POWER POLE, NEAR NW COR. LOT 9, BLK 1
ELEV= 214.10

GENERAL NOTES

1. All work on this project shall conform to the Standard Specifications for Storm Sewer Construction of the City of Wichita.
2. Locating dimensions are to center of inside face of front inlet wall.
3. 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.
4. The Contractor shall notify Kansas One-Call (687-2470) a minimum of 24 hours prior to any excavation.

RUNOFF CALCULATIONS

By Rational Formula: $Q=CIA$
 Impervious Area = 31168 S.F.
 Pervious Area = 2492 S.F.
 D.A. (to Storm Sewer) = 0.77 ac.
 $C_{\text{impervious}} = 0.95$
 $C_{\text{pervious}} = 0.65$
 $C_{\text{weighted}} = 0.93$
 Assume time of concentration = 10 min.
 $I_5 = 3.34 \text{ in./hr.}$ $I_{100} = 8.54 \text{ in./hr.}$
 $Q_5 = 3.8 \text{ cfs}$ $Q_{100} = 6.1 \text{ cfs}$

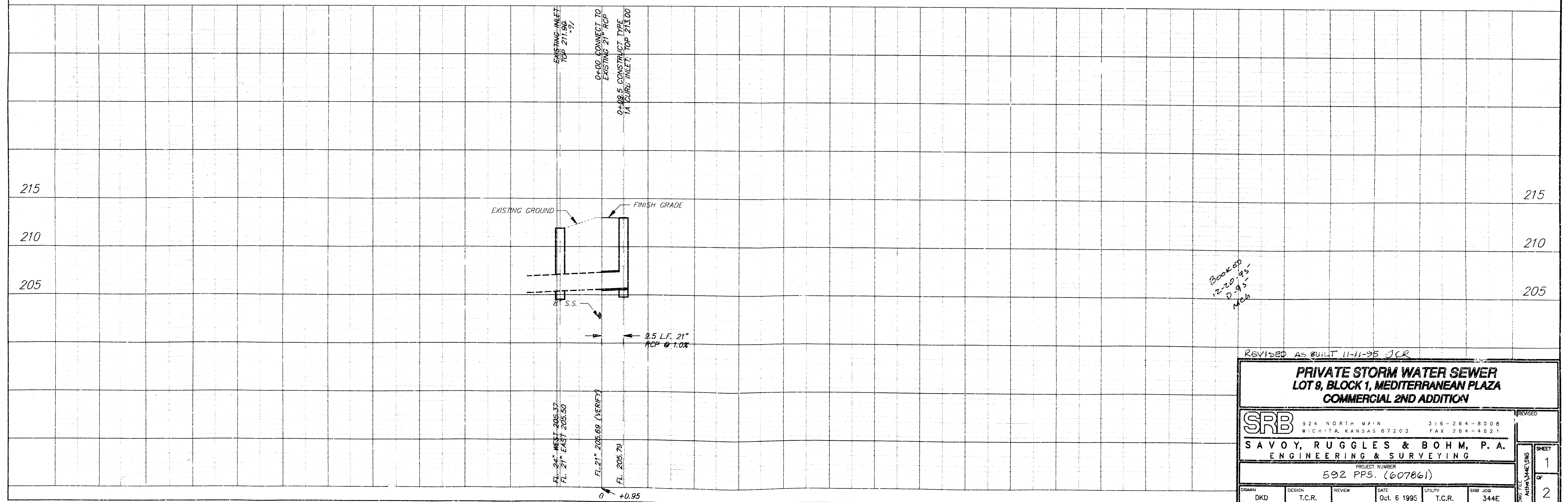
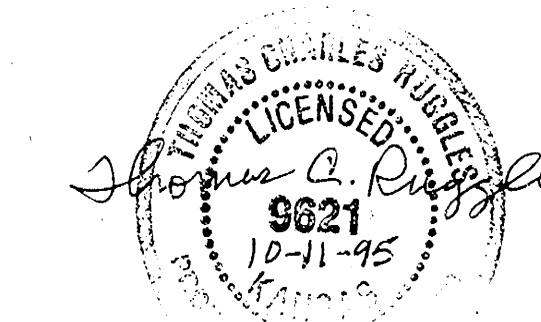
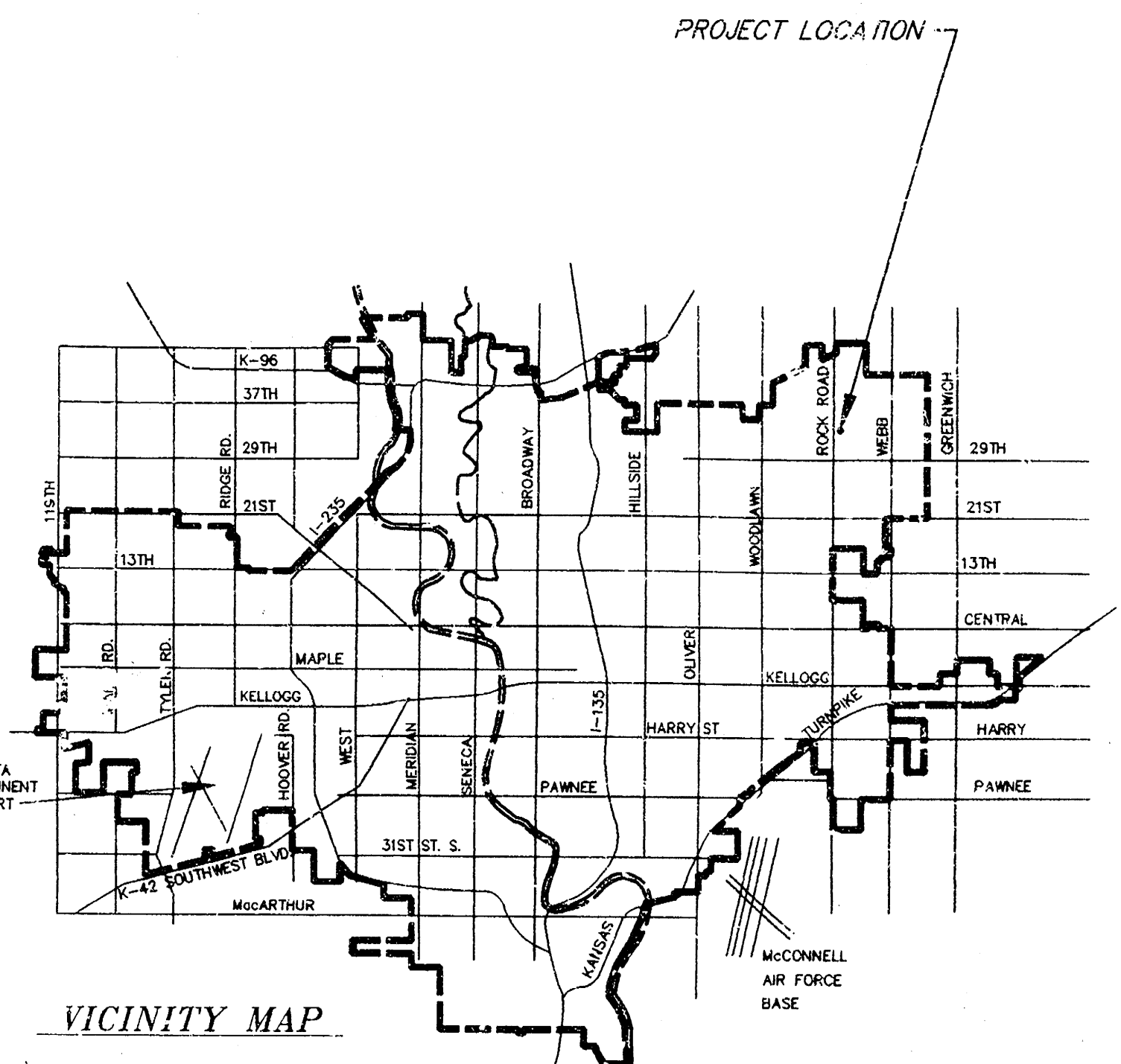


SRB
 SCALE:
 1"=20' PLAN
 1"=5' PROFILE (V.)

APPROVED AS NOTED
 BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
 Storm Sewers VRH 10/11/95
 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.



REVISED AS BUILT 11-11-95 JCR

**PRIVATE STORM WATER SEWER
 LOT 8, BLOCK 1, MEDITERRANEAN PLAZA
 COMMERCIAL 2ND ADDITION**

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

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

PROJECT NUMBER
 592 PPS. (607861)

DRAWN DKD	DESIGN T.C.R.	REVIEW	DATE Oct. 6 1995	UTILITY T.C.R.	SRB JOB 344E
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REVISIONS
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