

**SEPARATION OF WATER MAINS AND SANITARY SEWERS:**

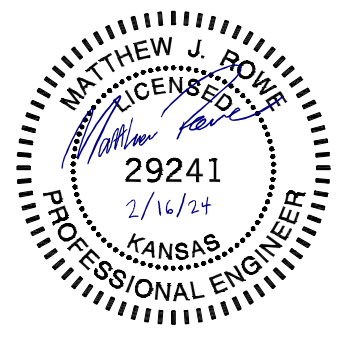
1. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER (MAINS AND SERVICE) AND SANITARY SEWER (MAINS AND SERVICE) LINES.
2. WHERE A WATER MAIN MUST CROSS A SEWER LINE, MAINTAIN 2 FEET VERTICAL SEPARATION WITH THE WATER MAIN ABOVE THE SEWER.
3. BUILDERS TO MAINTAIN MINIMUM 10' SEPARATION FROM THE OUTSIDE EDGE OF SANITARY SEWER MANHOLES TO THE OUTSIDE EDGE OF WATER SERVICE LINES WHEN RUNNING SERVICE LINES TO HOUSE.

**GENERAL NOTES:**

1. ALL SANITARY SEWER SERVICE LINE WILL BE AT A MIN 2% GRADE.
2. ALL NORTHING AND EASTING WAS TAKEN FROM CENTER OF STRUCTURE. REFERENCE DETAIL FOR ACTUAL LID LOCATION.

SCALE:  
 PLAN: 1"=20'  
 PROFILE: 1"=20' HORIZ.  
 1"=5' VERT.

0	02/16/24	INITIAL ISSUE	MJR	TDA	MJR
		REV	DATE	DESCRIPTION	DSN
					CHK

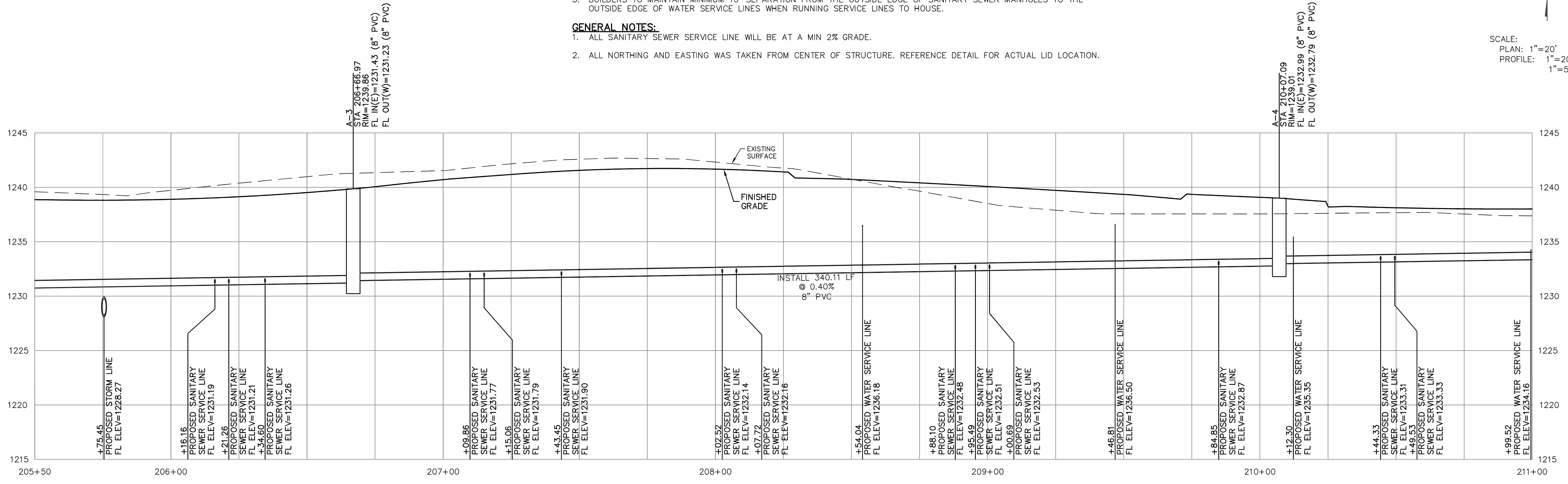


MATTHEW J. ROWE  
 ENGINEER  
 KS # 29241

1627 SUNFLOWER LANE  
 SALINA, KANSAS 67401  
 PH. (785) 823-3411  
 www.kawvalley.com

**KAW VALLEY ENGINEERING**

KAW VALLEY ENGINEERING, INC. IS AUTHORIZED TO OFFER ENGINEERING SERVICES BY KANSAS STATE CERTIFICATE OF AUTHORIZATION # E-113. EXPIRES 12/31/24



**STONE LAKE ADDITION NO. 2**  
 SCHILLING ROAD AND OHIO STREET  
 SALINA, KANSAS

**PHASE 4A**  
 SANITARY SEWER LINE 'A' - PLAN AND PROFILE

PROJ. NO.	E2102688
DESIGNER	MJR
DRAWN BY	ZEK
CFN	
SHEET	21
REV	0

THIS DRAWING SHALL NOT BE UTILIZED BY ANY PERSON, FIRM, OR CORPORATION IN WHOLE OR IN PART WITHOUT THE SPECIFIC PERMISSION OF KAW VALLEY ENGINEERING, INC.