

SANITARY SEWER MANHOLE
 E IN(N) 15" PVC=1234.93
 E OUT(S) 15" PVC=1234.93

A-1, STA 200+22.03
 CL STREET STA 11+91.71, 40.28' RT
 CONNECT TO EXISTING
 4" SANITARY SEWER MANHOLE
 VERIFY EXISTING FLOWLINE
 ELEVATIONS PRIOR TO CONSTRUCTION
 SEE DETAIL SHEET 35
 N 2911.52, E 3779.26

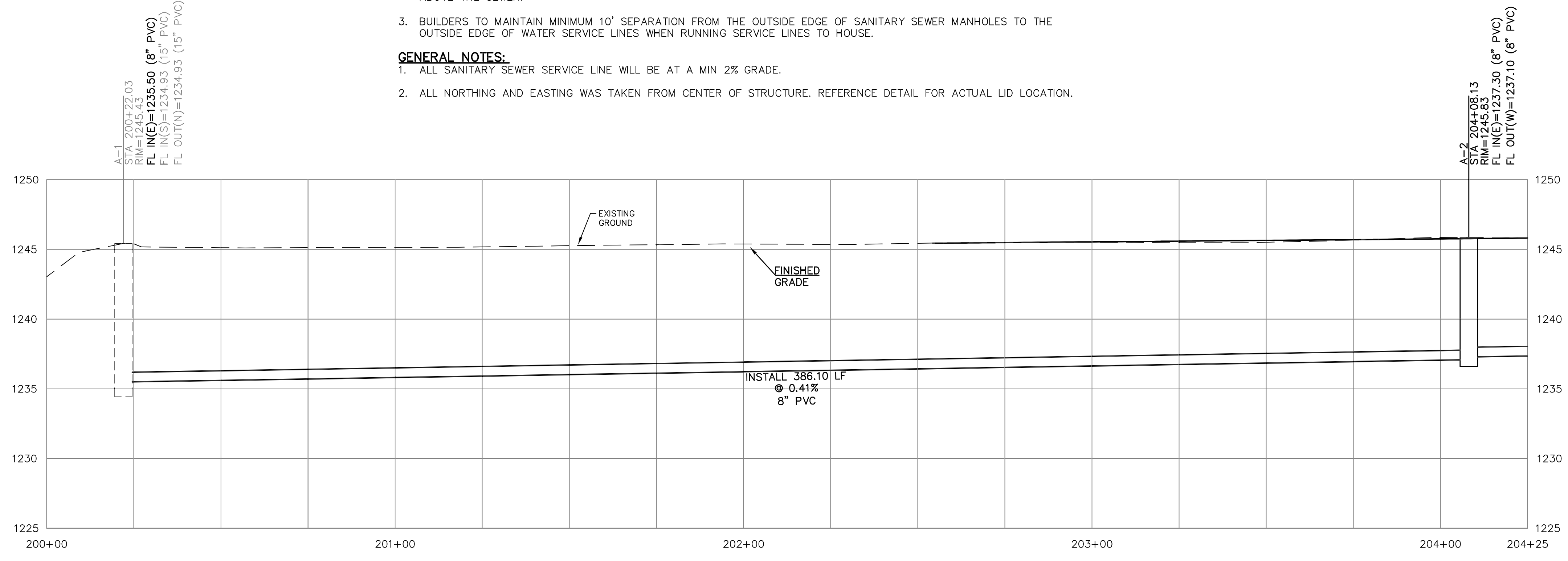
A-2, STA 204+08.13
 CL STREET STA 15+77.44, 23.25' RT
 INSTALL 4" SANITARY SEWER MANHOLE
 SEE DETAIL SHEET 35
 N 2925.80, E 4165.09

SEPARATION OF WATER MAINS AND SANITARY SEWERS:

1. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER (MANS AND SERVICE) AND SANITARY SEWER (MANS 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.



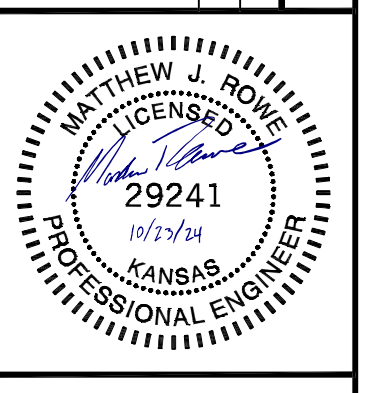
A-1
 STA 200+22.03
 RIM=1245.43
 FL IN(E)=1235.50 (8" PVC)
 FL IN(S)=1234.93 (15" PVC)
 FL OUT(N)=1234.93 (15" PVC)

A-2
 STA 204+08.13
 RIM=1245.83
 FL IN(E)=1237.30 (8" PVC)
 FL OUT(W)=1237.10 (8" PVC)

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

NOTE:
 STREET STATION AND OFFSET
 ARE REFERENCED TO CENTER OF
 STRUCTURE.

REV	DATE	DESCRIPTION
1	10/22/24	REVISED RGB AND UTILITIES
0	06/04/24	INITIAL ISSUE



MATTHEW J. ROWE
 ENGINEER
 KS # 29241

1627 SUNFLOWER LANE
 SALINA, KANSAS 67401
 (785) 823-1000
 info@kve.com | www.kve.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.

LIBERTY ADDITION NO. 3
 3167 OHIO STREET
 SALINA, KANSAS 67401

CIVIL PLANS
SANITARY SEWER LINE "A" - PLAN & PROFILE

PROJ. NO.	E23_3406
DESIGNER	MJR
DRAWN BY	TDA
CFN	3406SPP
SHEET	32
REV	1

EXTENSIVE REVISIONS