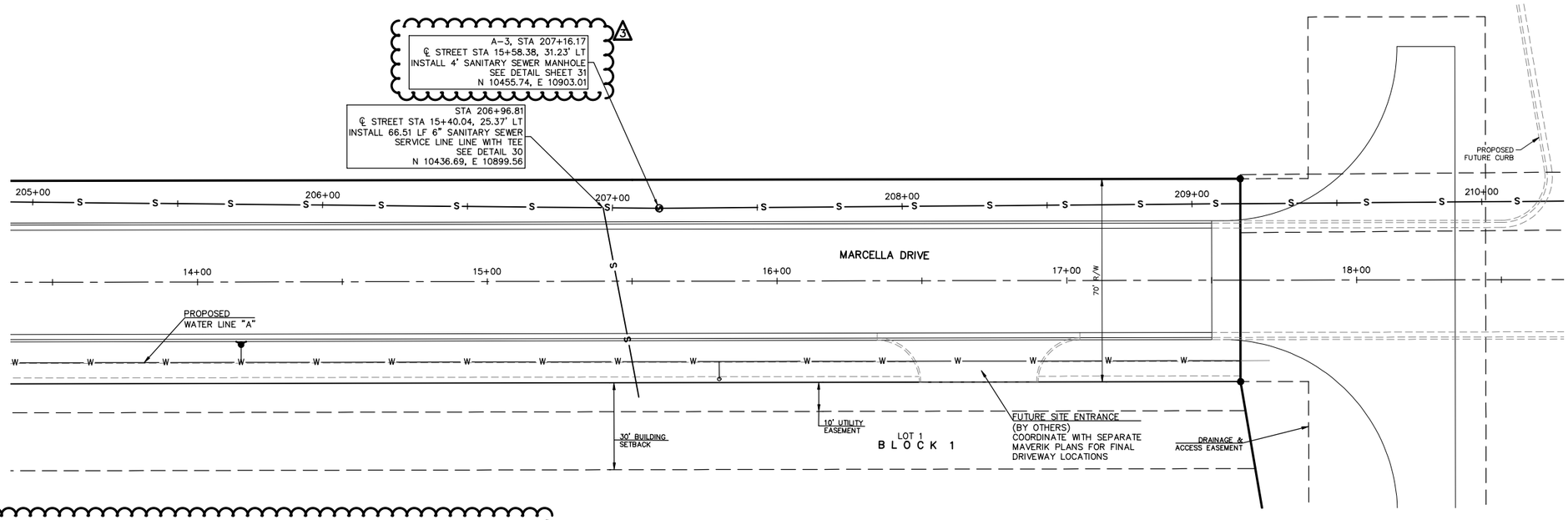
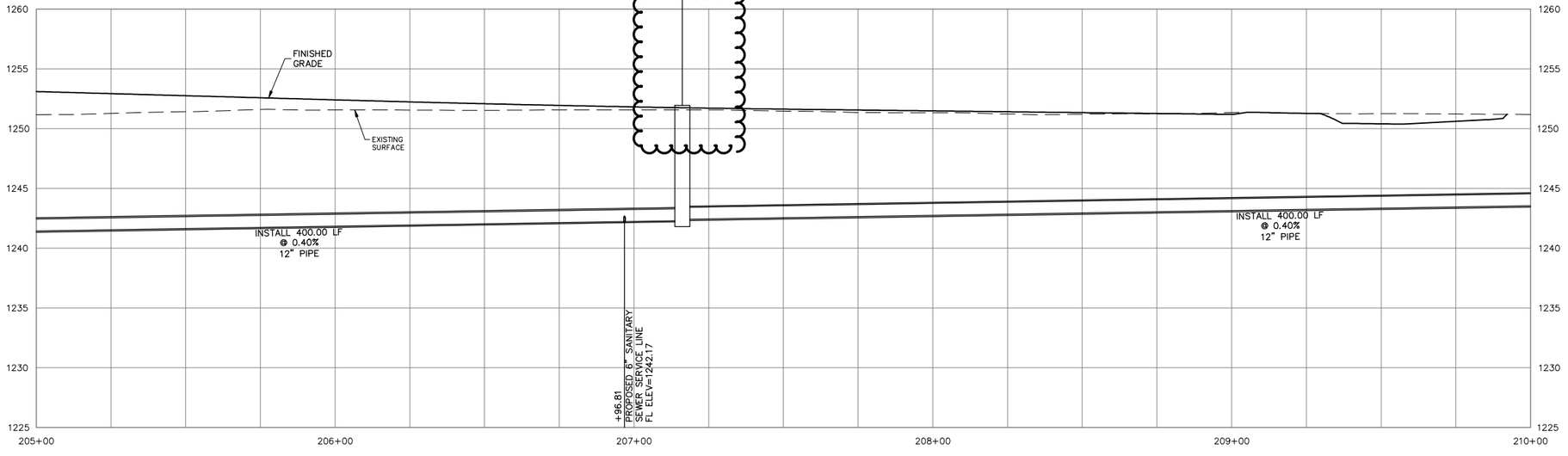


SEPARATION OF WATER MAINS AND SANITARY SEWERS:

1. TWO FEET OF VERTICAL SEPARATION IS REQUIRED WHERE WATER LINES, INCLUDING SERVICE LINES, AND SANITARY SEWER CROSS. WHERE A WATERLINE (SERVICE LINE) CROSSES A NEW (EXISTING) FORCE MAIN (FORCE SERVICE LINE), THE WATERLINE (SERVICE LINE) MUST ALWAYS CROSS OVER THE FORCE MAIN (FORCE SERVICE LINE) WITH A MINIMUM VERTICAL SEPARATION DISTANCE OF 2 FT. SEWER LINE JOINTS ARE TO BE LOCATED AS FAR AS POSSIBLE FROM THE INTERSECTED WATER LINE. WHEN LAID PARALLEL, AT LEAST 10 FEET OF HORIZONTAL SEPARATION IS REQUIRED BETWEEN WATER LINES AND SANITARY SEWERS. SEPARATION BETWEEN WATER LINES AND SANITARY SEWER MANHOLES IS THE SAME AS THAT FOR SANITARY SEWERS. IN CASES WHERE THE REQUIRED SEPARATION CANNOT BE MAINTAINED ADDITIONAL PROVISIONS TO PROTECT THE WATER LINE SHOULD BE USED, AS DESCRIBED IN SECTION 501 OF THE SPECIFICATIONS. ALL SEPARATION DISTANCES ARE MEASURED FROM EDGE-TO-EDGE. REFER TO SALINA STANDARD DETAIL SHEET NO. 27 (REVISED 10/23).
2. ALL SANITARY SEWER SERVICE LINE WILL BE AT A MIN 2% GRADE.
3. ALL NORTHING AND EASTING WAS TAKEN FROM CENTER OF STRUCTURE. REFERENCE DETAIL FOR ACTUAL LID LOCATION.

NOTE:
CONTRACTOR IS RESPONSIBLE FOR SUBMITTING TRAFFIC CONTROL PLANS FOR THE CITY'S APPROVAL FOR WORK IN RIGHT-OF-WAY TO CONNECT TO EXISTING WATER/SANITARY SEWER STRUCTURES.



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	DSN	DWN	CHK
4	07/30/25	REVISED PER WATER & SANITARY SEWER	JDT	ZEK	JDT
3	07/21/25	REVISED PER WATER & SANITARY SEWER	JDT	ZEK	JDT
2	05/27/25	REVISION PER CITY COMMENTS	JDT	ZEK	JDT
1	04/09/25	REVISIONS PER CITY COMMENTS	JDT	ZEK	JDT
0	01/28/25	INITIAL ISSUE	JDT	ZEK	JDT

1 4 EXTENSIVE REVISIONS

JONATHAN DUANE THOMPSON
ENGINEER
KS # 30257

KAW VALLEY ENGINEERING
1627 SUNFLOWER LANE
SALINA, KANSAS 67401
(785) 823-5400
sal@kveng.com | www.kveng.com

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WINDY CREEK ADDITION - PHASE 1
I-135 & WATER WELL ROAD
SALINE COUNTY, KANSAS

SITE DEVELOPMENT PLANS
SANITARY SEWER LINE 'A' - PLAN & PROFILE

PROJ. NO.	
	E22D3335
DESIGNER	DRAWN BY
JDT	TDA/ZEK
CFN	
3335SPP	
SHEET	REV
28	4

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