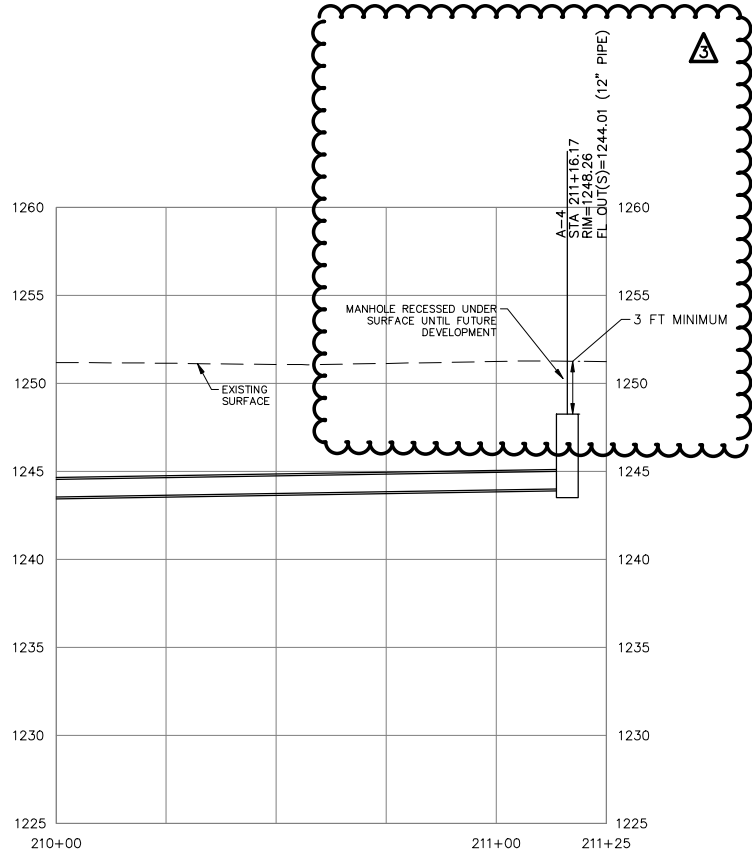


EXTENSIVE REVISIONS

SEPARATION OF WATER MAINS AND SANITARY SEWERS:

- 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).
- ALL SANITARY SEWER SERVICE LINE WILL BE AT A MIN 2% GRADE.
- 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.

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

PROJ. NO. E22D3335
 DESIGNER JDT DRAWN BY TDA/ZEK
 CFN 3335SPP
 SHEET 29 REV 4

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JONATHAN DUANE THOMPSON
 ENGINEER
 KS # 30257

WINDY CREEK ADDITION - PHASE 1
 I-135 & WATER WELL ROAD
 SALINE COUNTY, KANSAS
 SITE DEVELOPMENT PLANS
 SANITARY SEWER LINE 'A' - PLAN & PROFILE