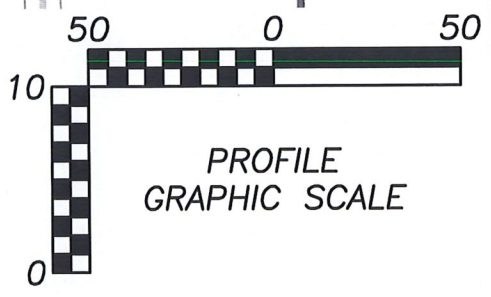
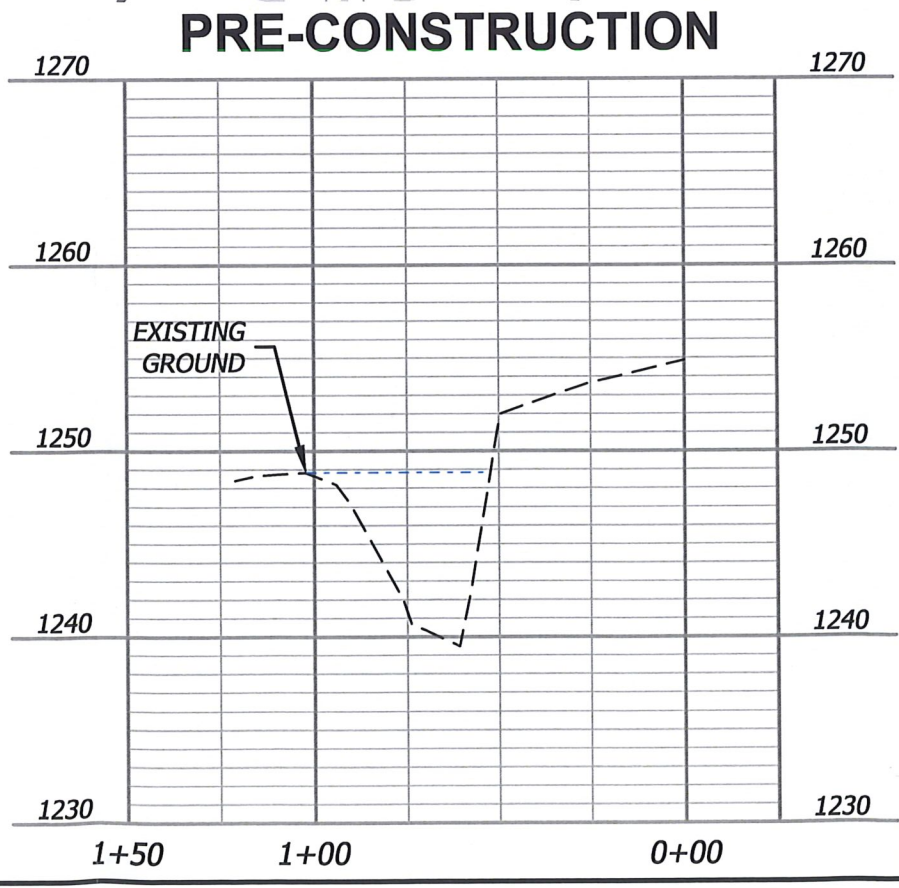
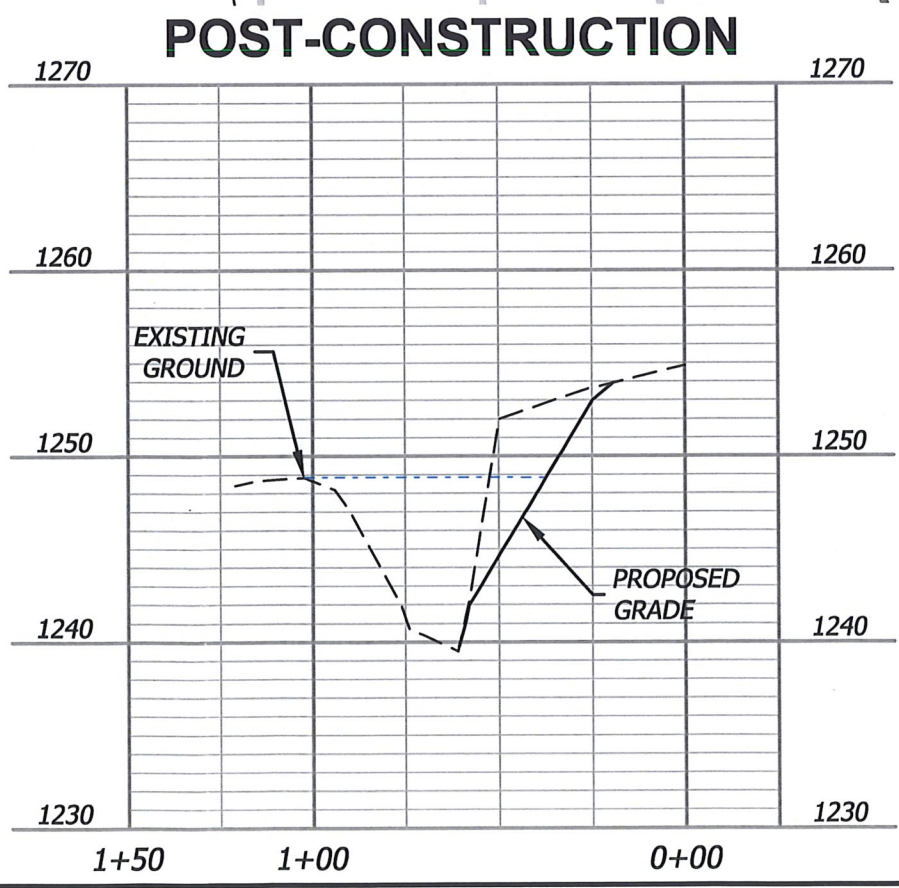
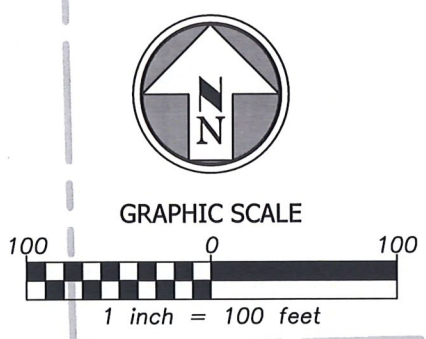
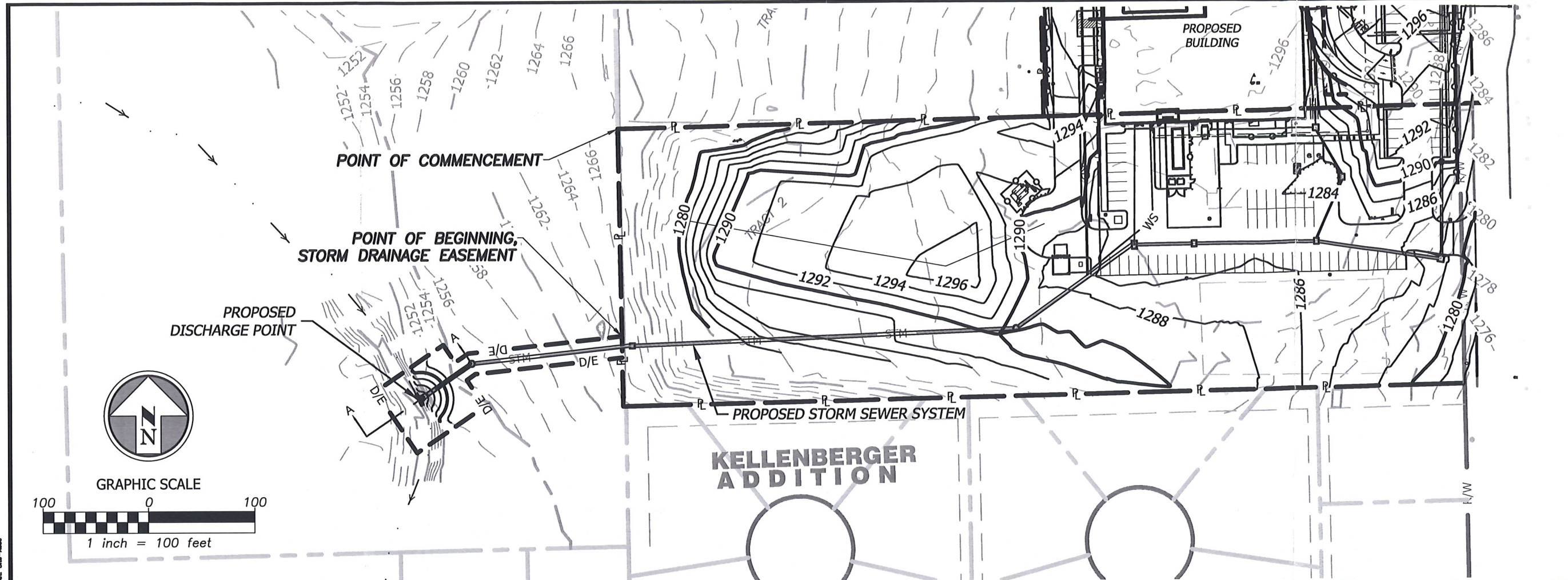


Apr 11, 2024 - 9:33am Plotted By: trivelparker V:\033890-Sabetha Community Hospal\04-2024\Eng\Sheet\Exhibits\033890-2024-04-11-033890.dwg Layout: Site-Plan



PRE-CONSTRUCTION CROSS SECTION: 310 SF CONVEYANCE  
 POST-CONSTRUCTION CROSS SECTION: 440 SF CONVEYANCE

**WATER RESOURCES RECEIVED**  
**APR 18 2024**

**KS DEPT OF AGRICULTURE**

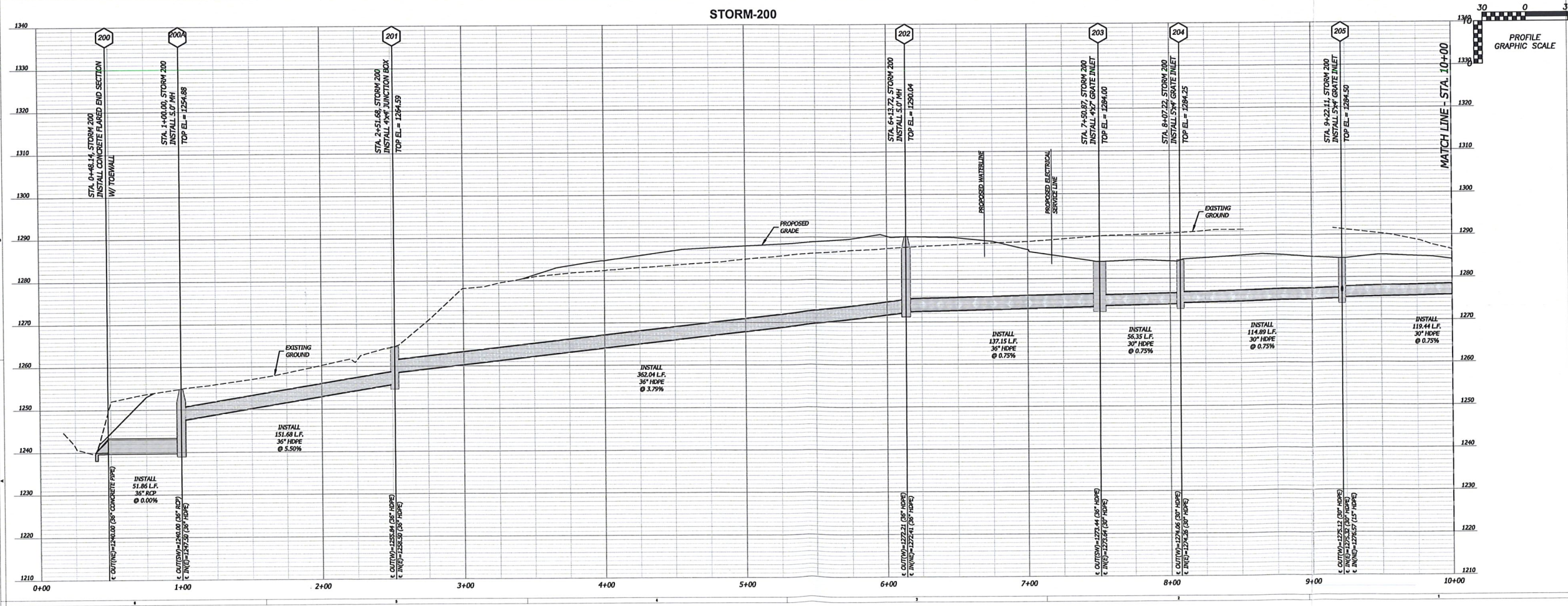
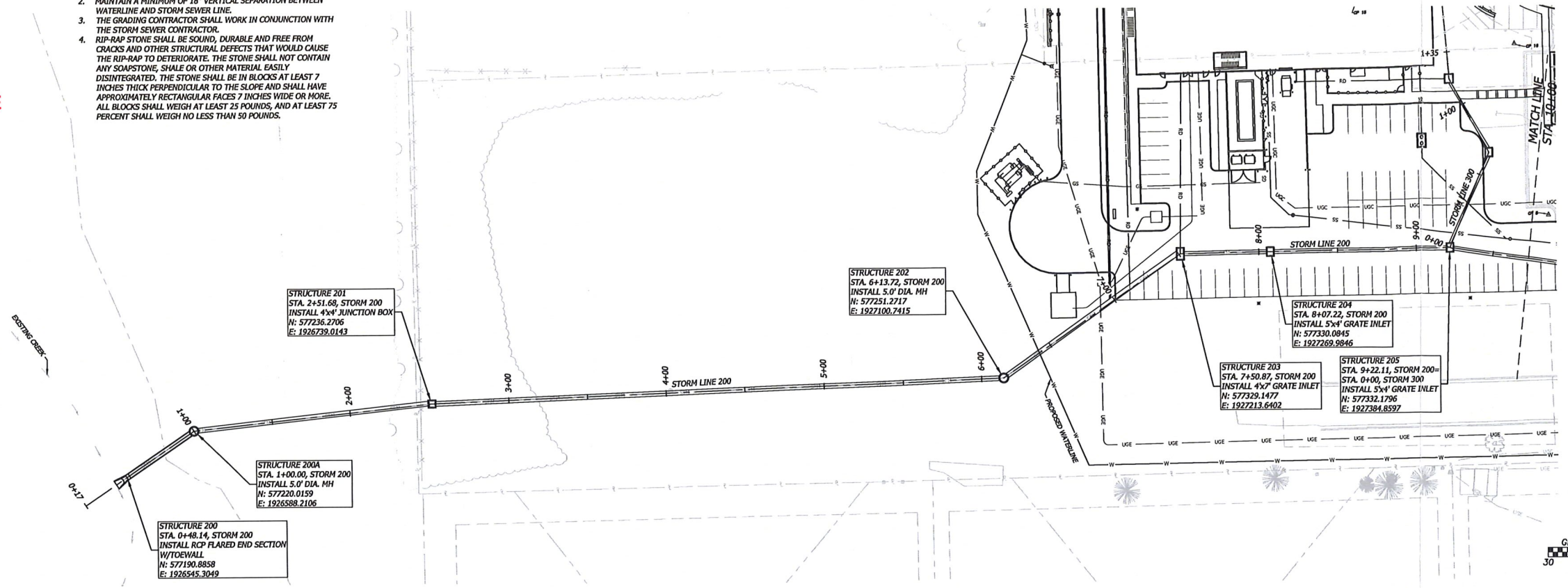
<b>BHC</b>
Prepared For: SABETHA COMMUNITY HOSPITAL 14TH & OREGON ST SABETHA, KS 66534
EXHIBITS SABETHA COMMUNITY HOSPITAL SABETHA, KS 66534
SITE LAYOUT & CROSS SECTIONS
Design: WRB   Drawn: W/G Checked: WRB Issue Date: 2024-04-11 Project Number: 033890
EX1



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**STORM NOTES:**

1. ALL NORTHINGS, EASTINGS, AND ALIGNMENT STATIONING FOR STORM STRUCTURES ARE TO CENTER OF STRUCTURE UNLESS STATED OTHERWISE.
2. MAINTAIN A MINIMUM OF 18" VERTICAL SEPARATION BETWEEN WATERLINE AND STORM SEWER LINE.
3. THE GRADING CONTRACTOR SHALL WORK IN CONJUNCTION WITH THE STORM SEWER CONTRACTOR.
4. RIP-RAP STONE SHALL BE SOUND, DURABLE AND FREE FROM CRACKS AND OTHER STRUCTURAL DEFECTS THAT WOULD CAUSE THE RIP-RAP TO DETERIORATE. THE STONE SHALL NOT CONTAIN ANY SOAPSTONE, SHALE OR OTHER MATERIAL EASILY DISINTEGRATED. THE STONE SHALL BE IN BLOCKS AT LEAST 7 INCHES THICK PERPENDICULAR TO THE SLOPE AND SHALL HAVE APPROXIMATELY RECTANGULAR FACES 7 INCHES WIDE OR MORE. ALL BLOCKS SHALL WEIGH AT LEAST 25 POUNDS, AND AT LEAST 75 PERCENT SHALL WEIGH NO LESS THAN 50 POUNDS.



**Sabetha Community Hospital**  
Addition + Renovation  
Sabetha, Kansas

Revisions:

No.	Description	Date

Date: 2023-09-21  
Project: H NS SABE 22100  
Sheet Title: STORM PLAN & PROFILE (2)  
Drawn By: VTG Checked By: LRH

**PROGRESS DRAWING**  
NOT FOR CONSTRUCTION

Leslie R. Hamilton, PE, PS  
Kansas, P.E. 9284

**G5.1**

File: 02\_2024 - 12.dwg Printed By: irvine.garner V:\123080-Sabetha Community Hospital\04-09-2023\Draw\123080-0105-100.dwg Layout: Plan & Profile (2)

Revisions:

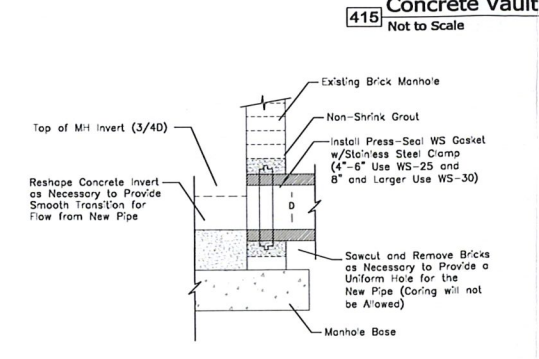
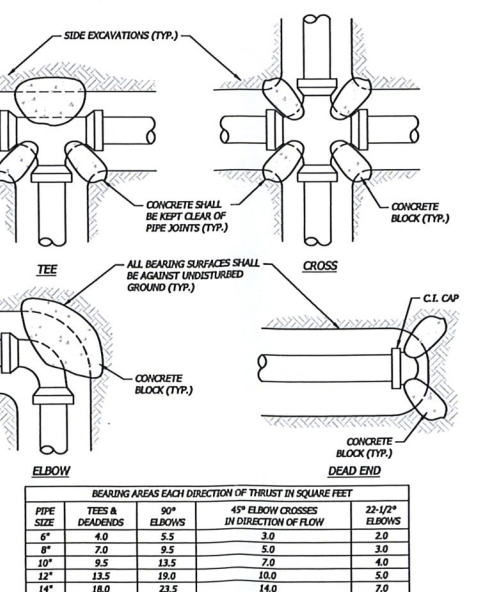
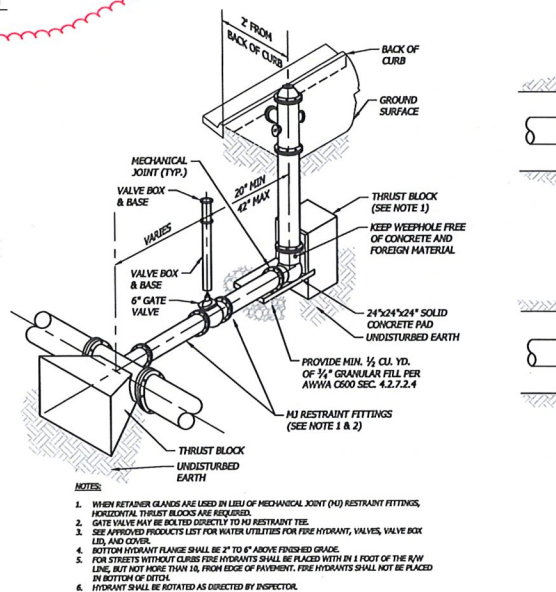
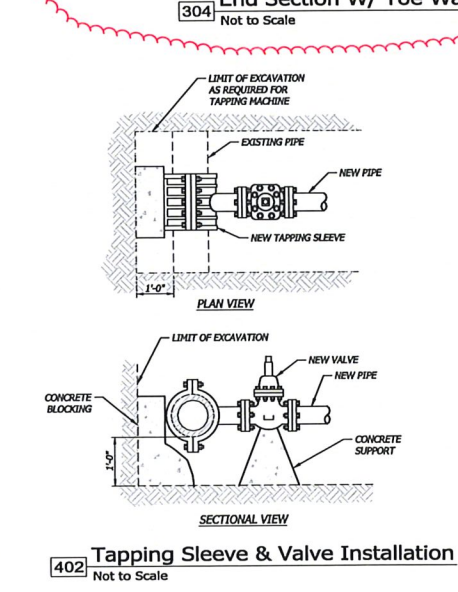
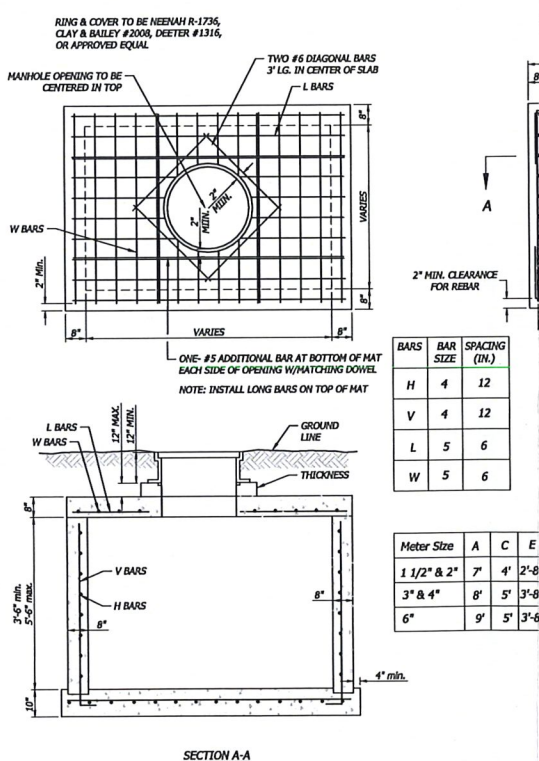
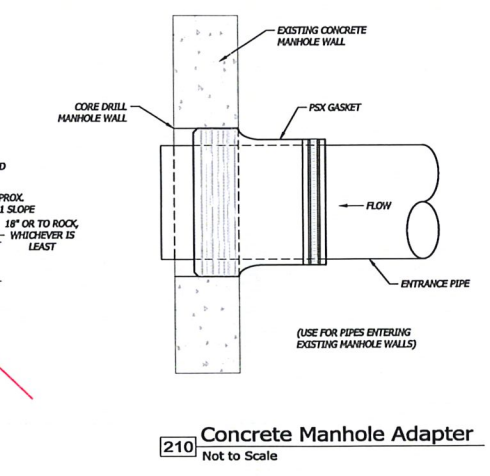
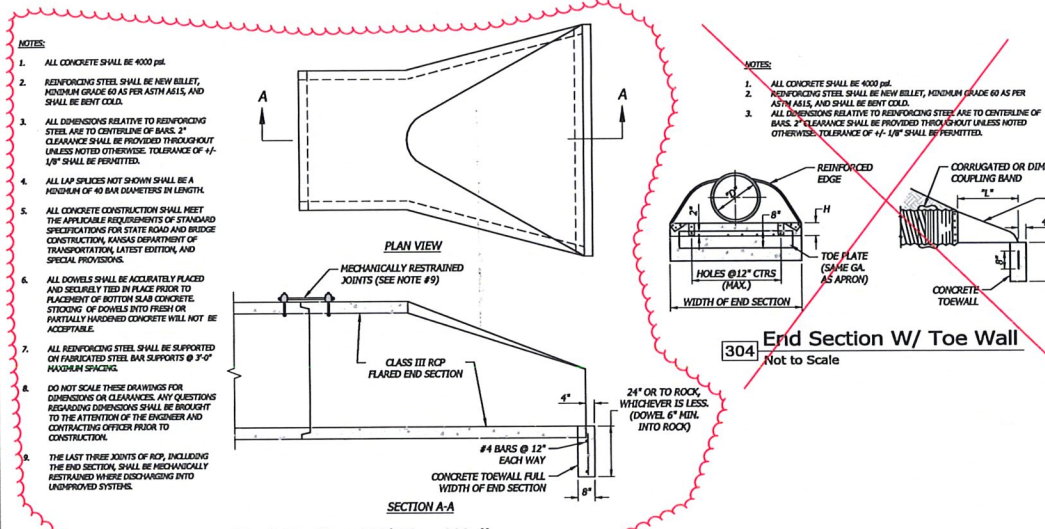
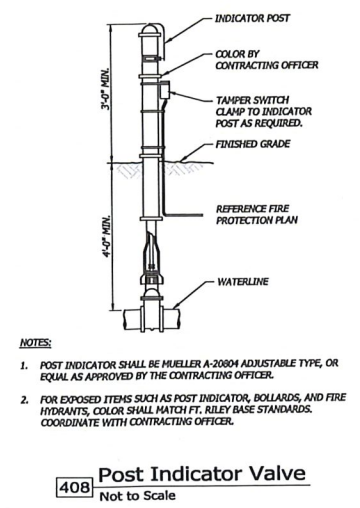
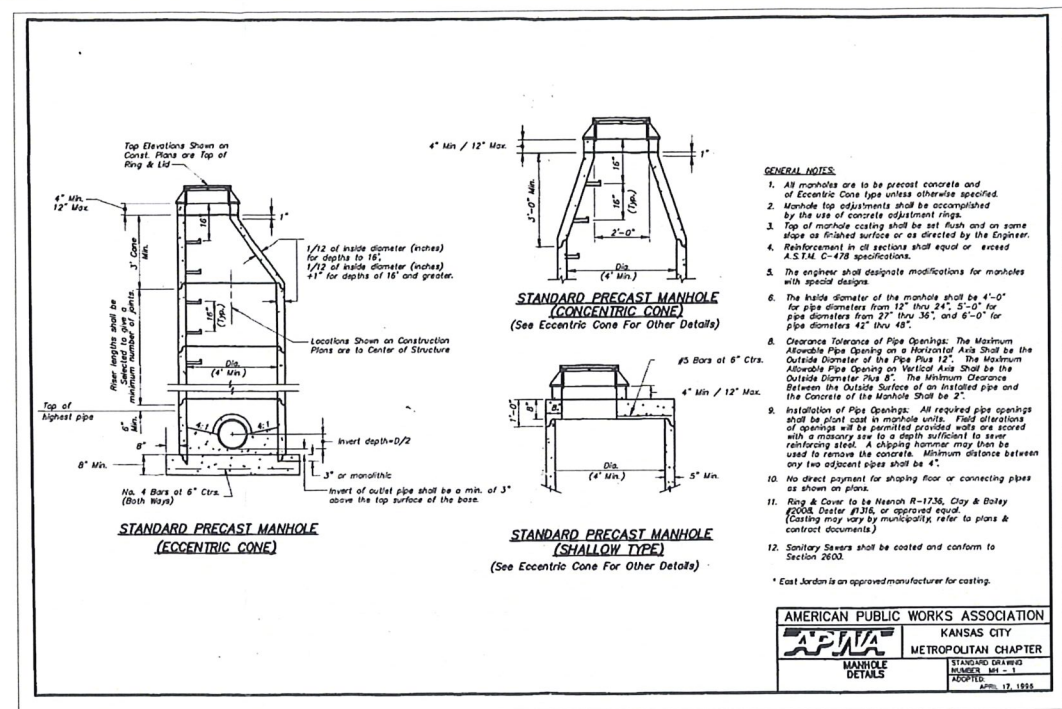
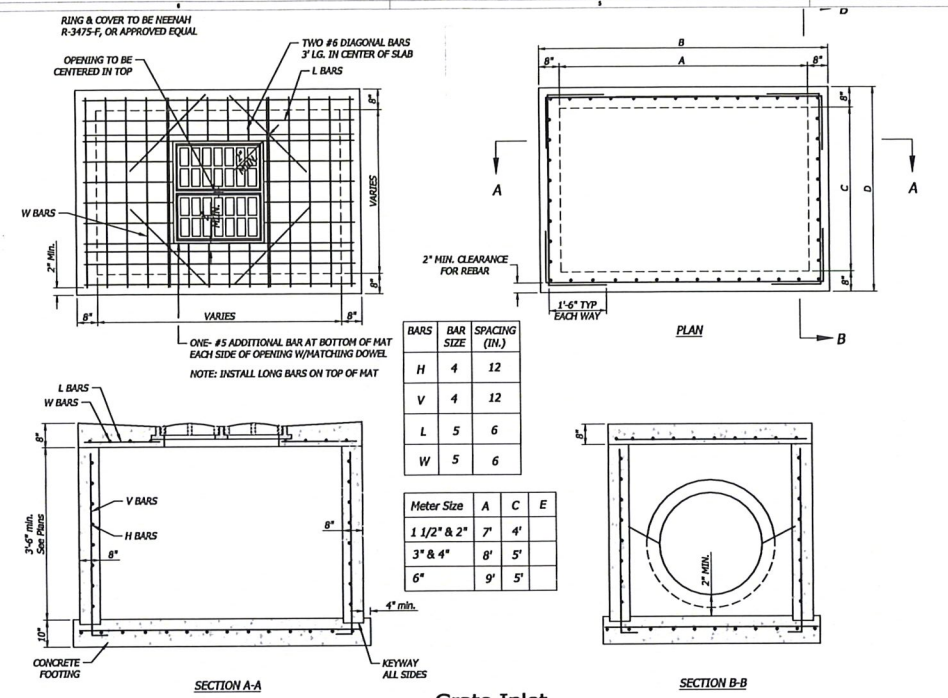
No.	Description	Date

Date: 2023-09-21  
 Project: H KS SABE 22100  
 Sheet Title: CONSTRUCTION DETAILS (B)  
 Drawn By: WFG Checked By: LKH

**PROGRESS DRAWING**  
 NOT FOR CONSTRUCTION

Leslie R. Hamilton, PE, PS  
 Kansas, P.E. 9084

**C8.2**



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**APR 18 2024**  
**KS DEPT OF AGRICULTURE**

Mar 15, 2024 - 13:58am Printed By: hfguser  
 V:\103365-Sabetha Community Hospital\04-1065\Draw\Sheet\CON\103365-0107-0112.dwg Layer: Details (C)



# Storm Sewer Drainage Easement Description

## TRACT 1 BOUNDARY DESCRIPTION (WARRANTY DEED: BOOK 270, PAGES 137-138)

A tract of land in the Northeast Quarter of Section 11, Township 2 South, Range 14 East of the 6th P.M., Nemaha County, Kansas, described as beginning at a point 30 feet South and 50 Rods West of the Northeast Corner of the Northeast Quarter of said Section 11, said point being 30 feet South of the North line of the Northeast Quarter of said Section 11, thence East 402 feet on a line parallel to the North line of the Northeast Quarter of said Section 11, thence South 498 feet on a line parallel to the East line of the Northeast Quarter of said Section 11, thence East 423 feet to a point on the said East line of the Northeast Quarter of said Section 11, said point being South of the Northeast Corner of said Quarter Section 528 feet, thence North 528 feet to the said Northeast Corner of said Quarter Section, thence West 50 Rods along said North line of said Quarter Section, thence South 30 feet to the place of beginning.

## TRACT 2 BOUNDARY DESCRIPTION (WARRANTY DEED: BOOK 280, PAGE 541)

A tract of land in the Northeast Quarter of Section 11, Township 2 South, Range 14 East of the 6th P.M., Nemaha County, Kansas, more fully described as follows: Beginning 528.0 feet South of the Northeast Corner of the Northeast Quarter of said Section 11, thence West 825 feet, thence South 264 feet, thence East 825 feet, thence North 264 feet to the place of beginning, being a tract of 5.0 acres

## STORM DRAINAGE EASEMENT DESCRIPTION

A tract of land in the Northeast Quarter of Section 11, Township 2 South, Range 14 East of the 6th P.M., Nemaha County, Kansas, more fully described as follows: Commencement at the Northwest Corner of said Lot 2, thence S 00° 54' 02" E a distance of 195.02 feet to a point on a line.

POINT of BEGINNING, Thence, S 83° 50' 53" W for a distance of 145.44 feet, thence S 55° 49' 34" W for a distance of 14.99 feet, thence, S 34° 10' 26" E for a distance of 20.00 feet, thence, S 55° 49' 34" W for a distance of 77.50 feet, thence, S 34° 10' 26" E for a distance of 70.00 feet, thence, N 55° 49' 34" E for a distance of 77.50 feet, thence, N 34° 10' 26" W for a distance of 30.00 feet, thence, N 55° 49' 34" E for a distance of 10.00 feet, thence N 83° 50' 53" E a distance of 138.61 feet along said Common Line of Westerly line of said Tract 2.

Containing 8,515 square feet or 0.20 acres

PRELIMINARY

WATER RESOURCES  
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APR 18 2024

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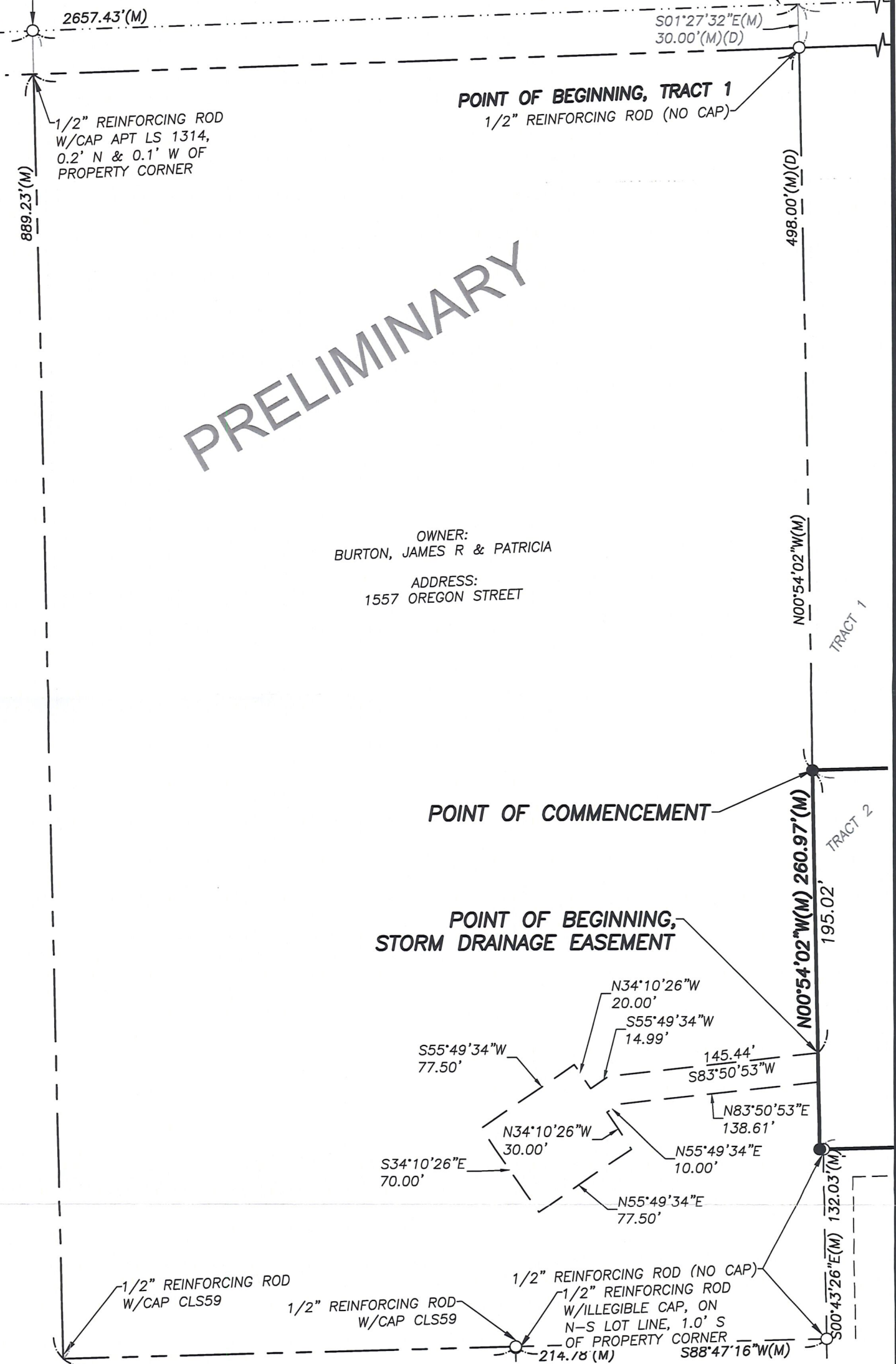
Project Number: Issue Date: Checked: Design: Drawn:	Prepared For:					
				Rev.	Date	Description

# Storm Sewer Drainage Easement

1/2" REINFORCING ROD (NO CAP)  
NORTH QUARTER CORNER,  
SEC. 11-T2S-R14E  
PER LAND SURVEY  
REFERENCE REPORT #278888

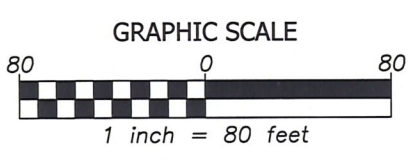
1/2" REINFORCING ROD  
W/ILLEGIBLE CAP

OREGON STREET (60' PUBLIC RIGHT-OF-WAY)



PRELIMINARY

OWNER:  
BURTON, JAMES R & PATRICIA  
  
ADDRESS:  
1557 OREGON STREET



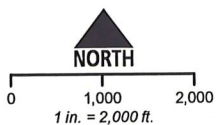
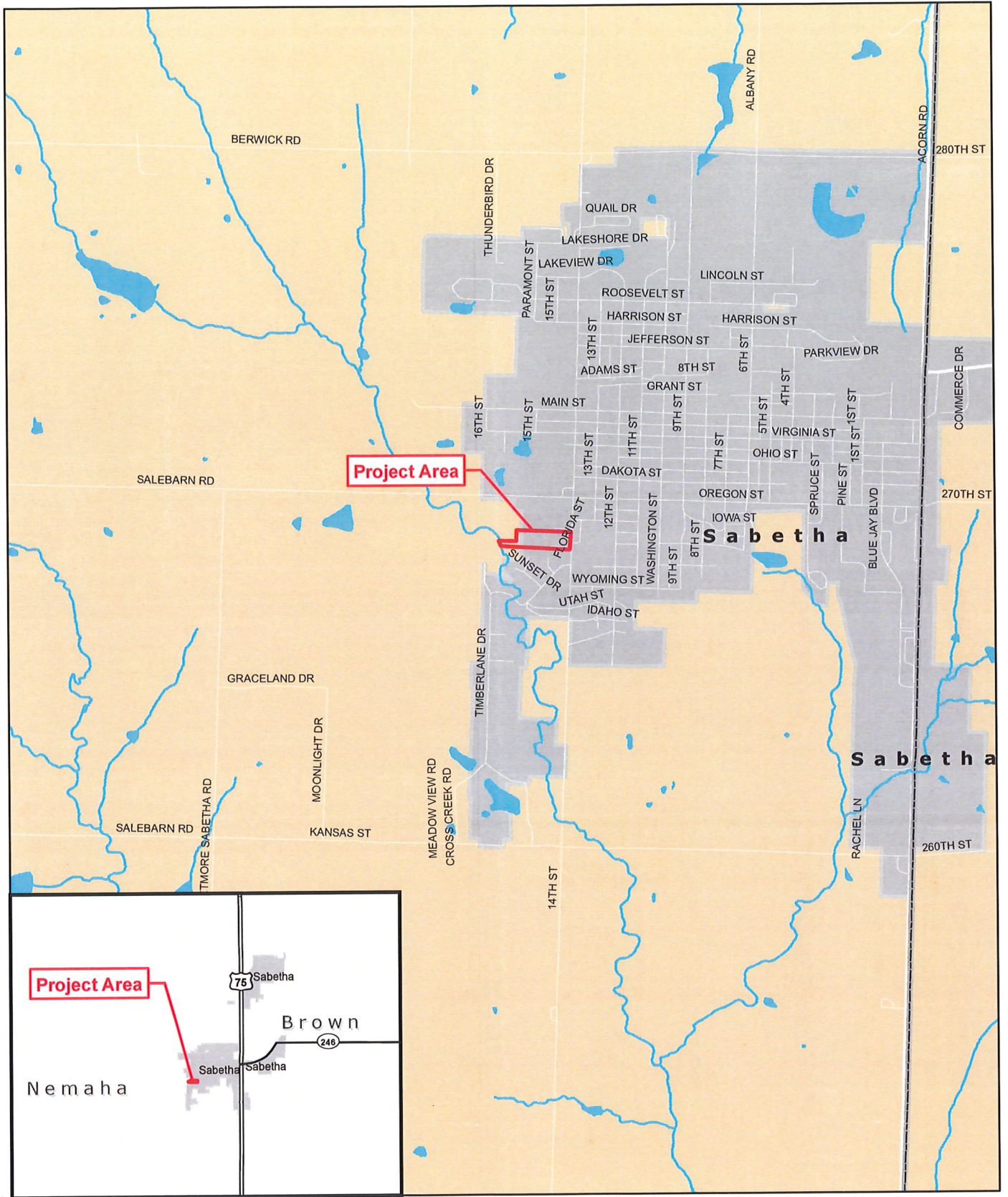
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APR 18 2024

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**KELLENBERGER  
ADDITION**

Design: Checked: Issue Date: Project Number:	Prepared For:					
			Rev.    Date    Description    By    App.			



Source: KDOT  
Location: Sabetha, Nemaha County, Kansas

FIGURE A-1  
SITE VICINITY MAP

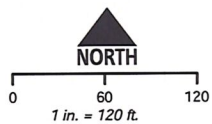
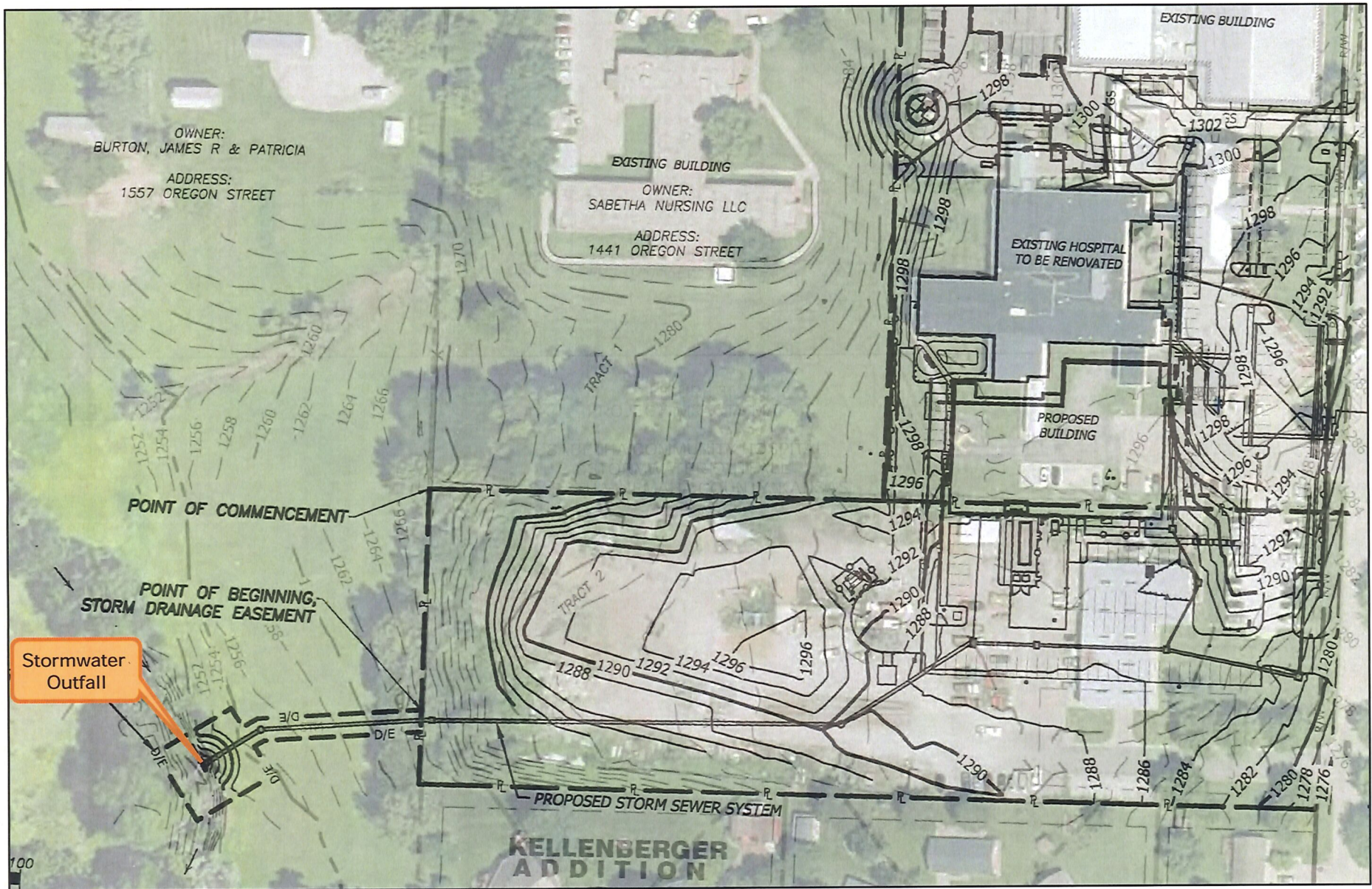
SABETHA COMMUNITY HOSPITAL  
STORMWATER OUTFALL  
SABETHA, NEMAHA COUNTY, KANSAS

WATER RESOURCES HABITAT  
RECEIVED ARCHITECTS

APR 18 2024

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Source: NAIP 2023  
 Location: NE 1/4 of Sec 11 - T2S - R14E  
 Sabetha, Nemaha County, Kansas  
 Sabetha, KS 1:24K Quadrangle

FIGURE 3  
 PROJECT IMPACTS MAP

SABETHA COMMUNITY HOSPITAL  
 STORMWATER OUTFALL  
 SABETHA, NEMAHA COUNTY, KANSAS

WATER RESOURCES  
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# Line Profile (Line 1) - Pipe - (5)

REVISED OUTFALL - FLAT

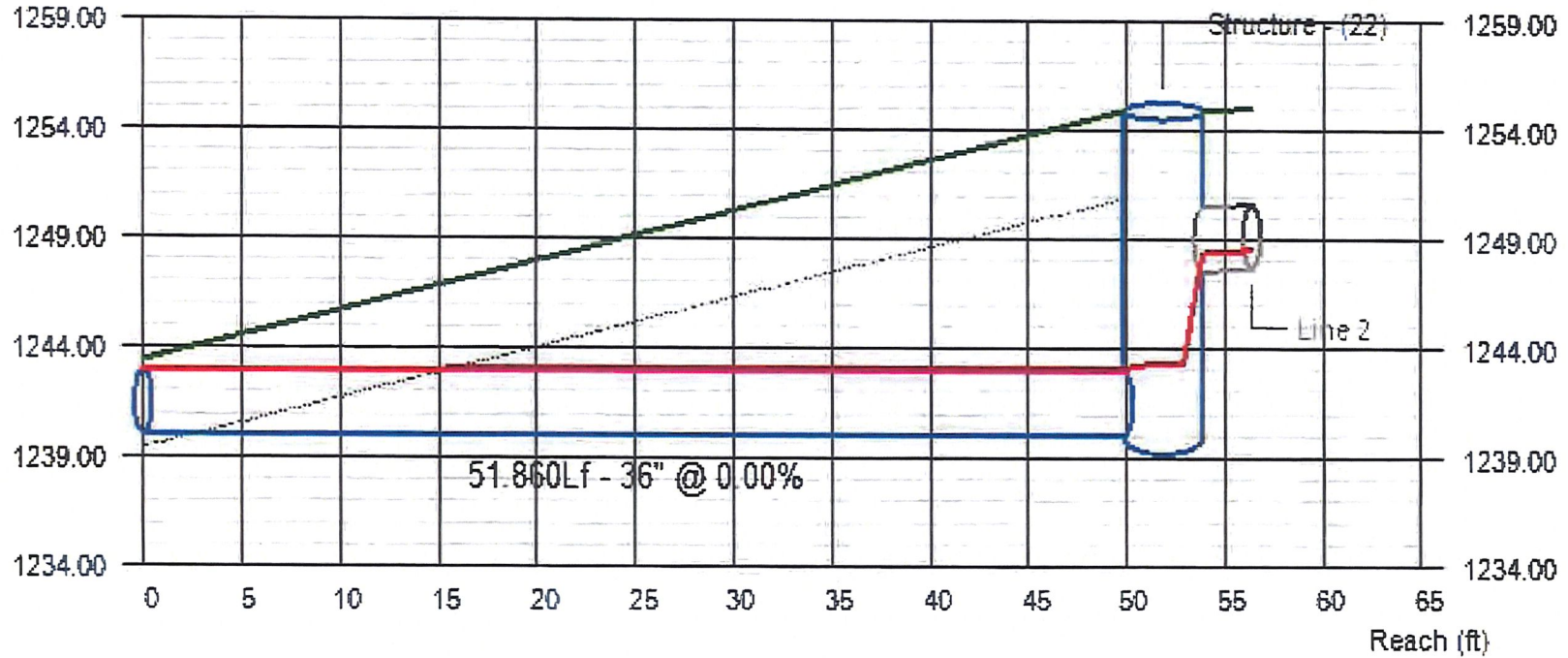
APR 18 2024

3 OF 5

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## Line 1 - Pipe - (5)

Elev (ft)



Line #	100YR Q (cfs)	Invert Elevation		Depth of Flow			Hydraulic Grade Line			Velocity		Cover	
		Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Hw (ft)	Dn (ft)	Up (ft)	Jnct (ft)	Dn (ft/s)	Up (ft/s)	Dn (ft)	Up (ft)
1	32.15	1240.00	1240.00	3.00	3.00	3.27	1243.00	1243.10	1243.27	4.55	4.55	0.42	11.88

Project File:	No. Lines: 4	Run Date: 2/1/2024
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24% OF ORIGINAL  
76% REDUCTION

Line Profile (Line 1) - Pipe - (5)

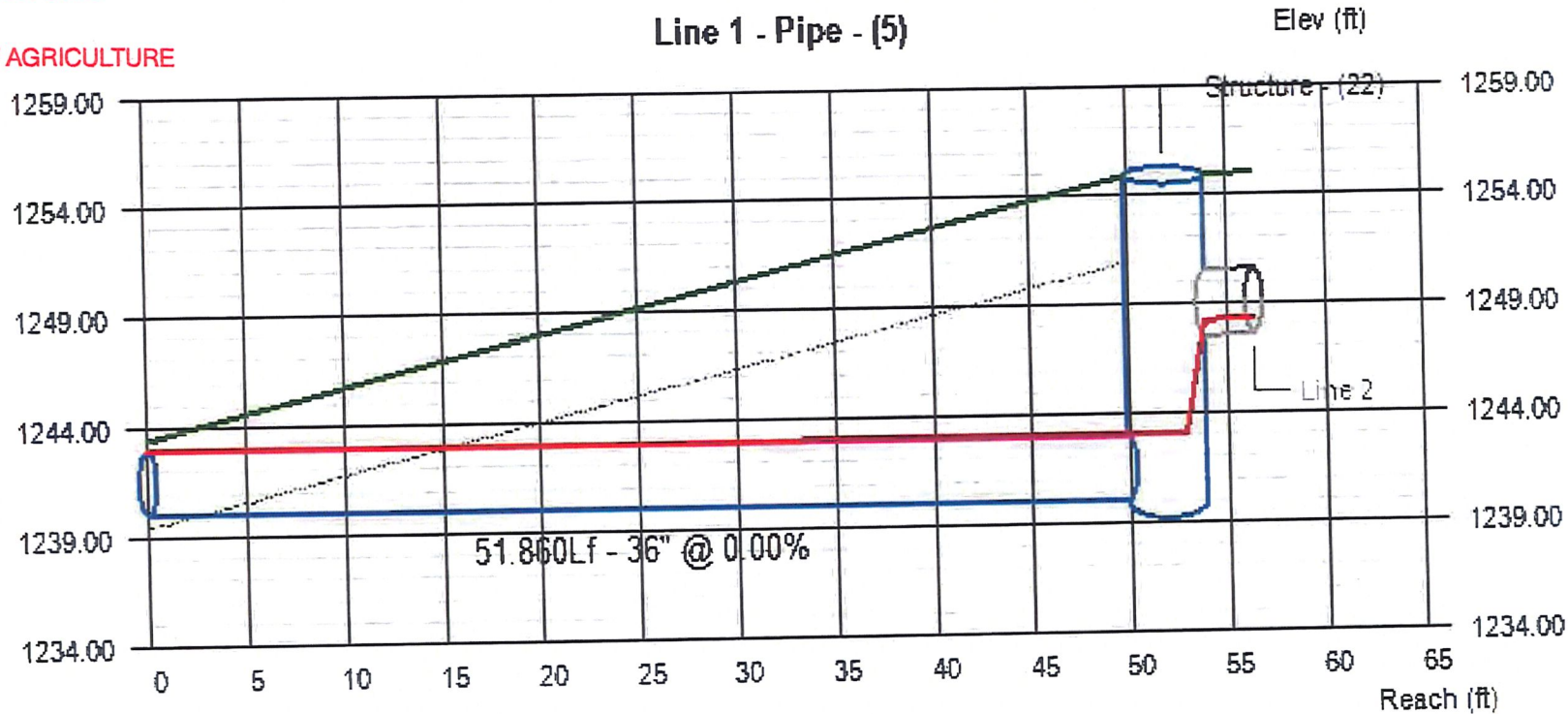
REVISED OUTFALL - FLAT

4 of 5

WATER RESOURCES RECEIVED

APR 18 2024

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Line #	10YR Q (cfs)	Invert Elevation		Depth of Flow			Hydraulic Grade Line			Velocity		Cover	
		Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Hw (ft)	Dn (ft)	Up (ft)	Jnct (ft)	Dn (ft/s)	Up (ft/s)	Dn (ft)	Up (ft)
1	22.30	1240.00	1240.00	3.00	3.00	3.13	1243.00	1243.05	1243.13	3.16	3.15	0.42	11.88

Project File:

No. Lines: 4

Run Date: 2/1/2024

Storm Sewers

APWA:  $3 \text{ ft/s} \leq V \leq 20 \text{ ft/s}$

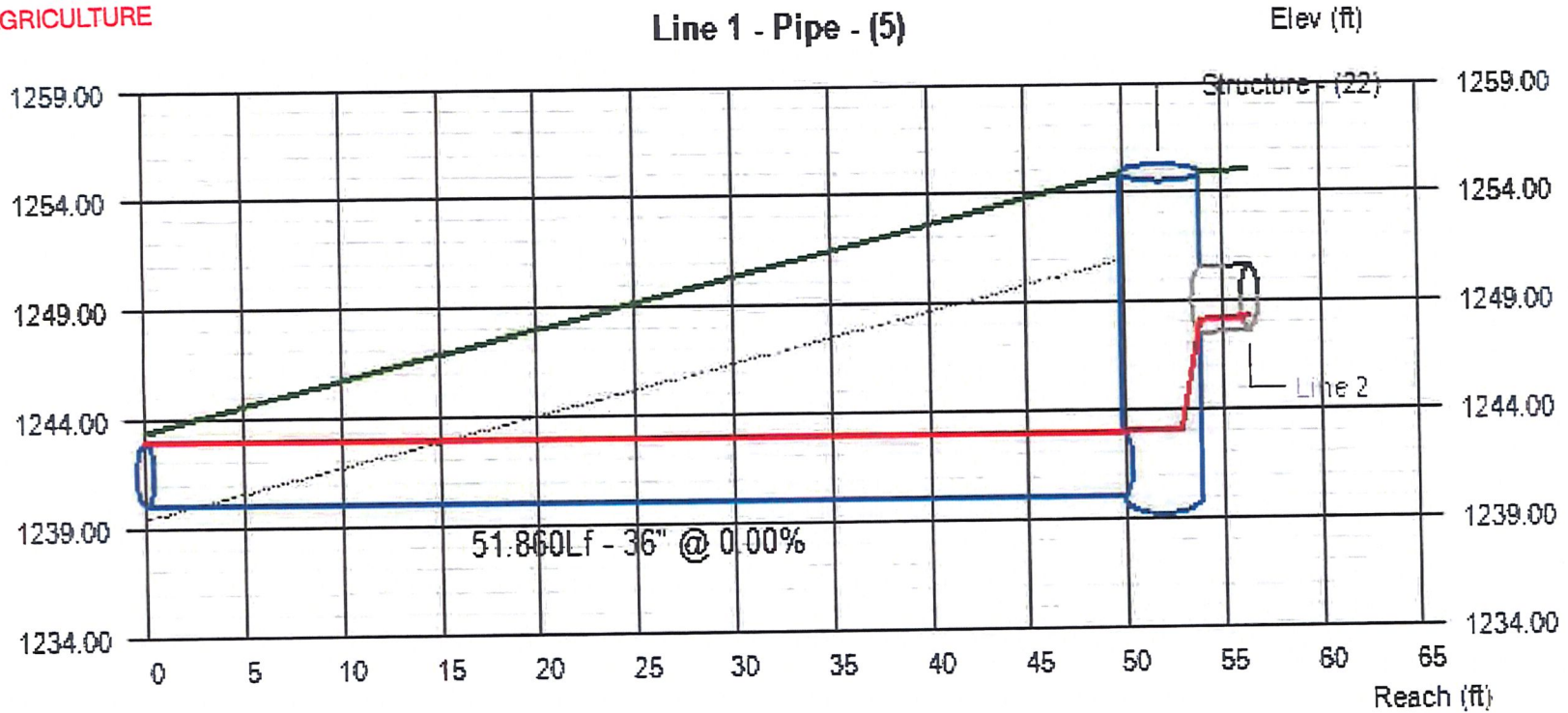
# Line Profile (Line 1) - Pipe - (5)

REVISED OUTFALL - FLAT

APR 18 2024

5 of 5

KS DEPT OF AGRICULTURE



Line #	2-YR Q (cfs)	Invert Elevation		Depth of Flow			Hydraulic Grade Line			Velocity		Cover	
		Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Hw (ft)	Dn (ft)	Up (ft)	Jnct (ft)	Dn (ft/s)	Up (ft/s)	Dn (ft)	Up (ft)
1	16.71	1240.00	1240.00	3.00	3.00	3.07	1243.00	1243.03	1243.07	2.36	2.36	0.42	11.88

Project File:

No. Lines: 4

Run Date: 2/1/2024