SANITARY SEWER IMPROVEMENTS
TO SERVE
KILLARNEY TOWNHOMES 2ND ADDITION
WICHITA, KANSAS

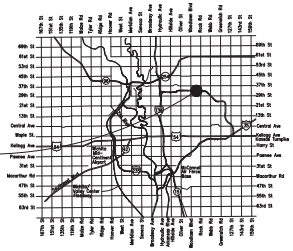
PAUL GUNZELMAN, P.E. CITY ENGINEER
Project Number: 2026-009609 PPS
Org Code: 53030982

Construction Begin: 7-24-26
Construction Complete: 7-31-26
CCTV and Testing complete: 8-4-26

Accepted by C.O.W. August 14, 2026

5951D
SS23-06

SITE



Vicinity Map
(For Reference Only)

GENERAL NOTES:

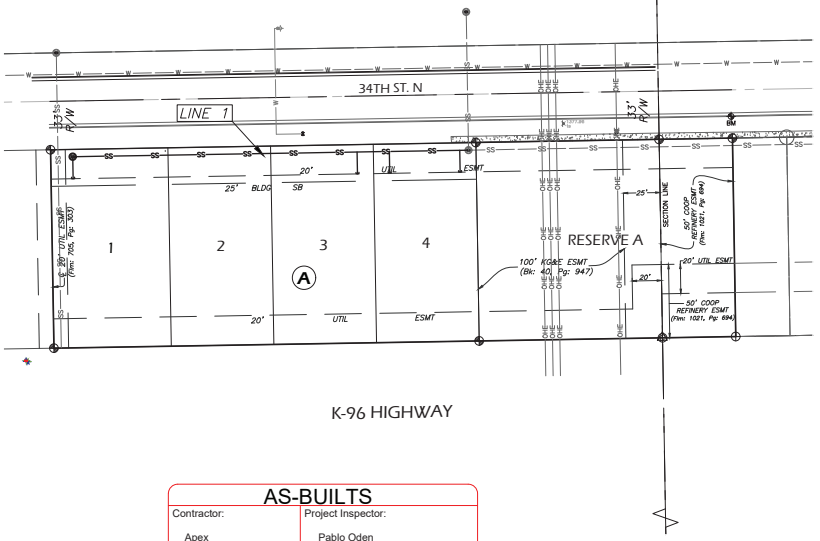
1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
2. Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:

   Kansas One-Call 687-2470

   The Contractor must notify the following in case of an emergency:

AT&T	1-800-246-8464
Black Hills Energy	1-800-694-8989
City of Wichita Water & Sewer	1-316-219-8921
City of Wichita Stormwater	1-316-268-4090
City of Wichita Traffic	1-316-268-4034
Cox Communications	1-888-249-3530
Kansas Gas Service	1-888-482-4950
Evergy	1-800-544-4857

3. Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
4. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
5. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
6. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
7. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
8. The Contractor shall notify the inspecting engineer and Dawnita Reinhardt at 316-268-4574 with the City of Wichita with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.
9. If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Mike Armour at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.
10. All elevations shown are NAVD 88.
11. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
12. Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
13. All applicable fees (tap, equity, in lieu of & main benefit) must be paid before any connections can be made on this project. Quotes can be obtained on fees by calling 316-268-4555.
14. City Maintenance of sanitary sewer mains ends at last structure within the easement or right-of-way.
15. All stubs and capped pipes shall be located with green plastic tape in the same manner as risers.
16. Connecting to Existing Manholes:
    Prior to laying sewer lines using existing stubs in existing manholes, the Contractor shall expose and verify the elevation, grade and alignment of existing stubs and notify the Engineer of any deviation from the plans. Where the stub is unusable due to elevation grade or alignment, the Contractor shall remove the stub and plug the hole, and reshape the existing manhole invert to provide smooth flow. Where connecting to an existing manhole that does not have an existing stub, the Contractor shall core cut into existing manhole wall to make connection using approved water stop gasket, and reshape the existing manhole invert to provide smooth flow. The cost to connecting to existing manholes is incidental to the project.
17. Contractor shall limit the extent of trench open overnight and weekends to less than 50 feet.
18. Contractor shall provide positive drainage away from all manhole covers.
19. The Contractor shall prevent any construction debris from entering the existing sanitary sewer during construction.
20. The Contractor shall be responsible for maintaining continuous flow of sewage through construction. Contractors proposed method for maintaining sewage flow shall be submitted and approved by the Sewer Maintenance Division (316-268-4073) prior to starting and by-passing of sewage flows.
21. Any over excavation from manhole and pipe removal shall be backfilled with AB-3 compacted to 90-95% ASTM D698.
22. The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractors expense.



AS-BUILTS

Contractor:	Project Inspector:
Apex	Pablo Oden
Date: 8/07/2026	KEMILLER ENGINEERING PA 117 E. Lewis, Wichita, KS 67202 (316)264-0242

INDEX OF SHEETS:

1.0	Cover Sheet
2.1	Precast SSMH Detail
2.2	MH Frame & Cover Detail
2.3	Vertical Riser Detail
3.0	Plan & Profile - Line 1
4.0	Erosion Control Plan
4.1-4.5	Erosion Control Details
5.0	Plat (For Reference Only)

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION

Engineering — approved by Bethany Malley on this day the 14th day of May, 2026

Utilities — approved by Scott Macey on this day the 14th day of May, 2026

NOTE TO CONTRACTORS

Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said Inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer in the state of Kansas. No work shall be performed by the Contractor without such inspection nor shall any work be commenced without written authorization by City Engineering. All Construction and Materials shall comply with the current City of Wichita Specifications and Standards and Special Provisions. (on file and available at Wichita.gov).

An approved copy of these plans signed by City staff are required on-site.

BENCHMARKS:

BM1: Chiseled Square cut, on top of curb approximately 15' north of the Northeast corner of Reserve A, Killarney Townhomes 2nd Addition.

Elevation = 1379.84 (NAVD88)

MARCH 2026

May 22, 2026

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

MARK E. MILLER
LICENSED
05.14.2026
11283
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED DIGITALLY

SANITARY SEWER IMPROVEMENTS
Killarney Townhomes 2nd Addition
WICHITA, KANSAS

0 20 40 80
SCALE: 1 INCH = 40 FEET

REVISIONS

KEM PROJ.	DATE
25179	03/2026
DESIGNED	DRAWN
K.M.	AG

Title Sheet

SHEET 1.0

GENERAL NOTES

1. APPLICATION. Risers shall be installed to serve all lots or tracts where the sanitary sewer main is below the water table, where the sanitary sewer main depth is greater than 12' below the proposed ground elevation, where the main is adjacent to a pond or wherever service lines would have to cross under storm sewer pipe. Installation of risers because of field conditions shall be as approved by the City Engineer. The location of the risers to serve developed property shall be approved by the property owner and the Construction Engineer.

2. MANHOLE STUB RISERS. Manhole stub risers be installed in manholes where locations of manholes will provide satisfactory service connection as determined by the Construction Engineer. The vertical distance between the flowline of the manhole stub and the flowline of the sanitary sewer line out of the manhole shall not exceed 2'. Risers shall be utilized at manholes as indicated in Note 1. Manhole stub riser shall be set such that the top of the stub is not lower than the top of the sanitary sewer line.

3. SIZING. Risers shall be sized according to the plans and riser table where risers are indicated by the plans. Where risers are required because of field conditions, the risers shall be 6" diameter for commercial or industrial properties and 4" or 6" diameter for residential properties, based on lot size and sanitary sewer main depth. Sizing of risers shall be approved by the construction Engineer prior to installation.

4. RISER MATERIAL. Risers shall be constructed of Schedule 40 PVC Pipe, meeting the requirement of the latest revision of A.S.T.M.. All pipe joints shall be solvent welded. Full body tee shall be SDR 26 PVC pipe.

5. ROCK ENCASEMENT. Riser connection to clay pipe sanitary sewers shall be rock encased both ways from the riser centerline. The rock encasement shall extend three feet from the riser centerline or stop at the first sanitary sewer pipe joint within three feet of the riser centerline. Riser connections to PVC Sanitary sewer mains shall be rock encased one foot each way from the riser centerline. Crushed rock shall conform to ASTM C-33, Gradation No. 67, and shall meet all requirements for Portland Cement Concrete pavement Coarse Aggregate, Section 406.2, City of Wichita Standard Specifications.

6. BEDDING. Beyond the limits of the rock encasement, bedding around the sanitary sewer riser shall be compacted Pipe Bedding Type 1 or 2. The bedding shall be placed and compacted from the depth of the sanitary sewer main to the top of the sanitary sewer riser pipe. Compacted Pipe Bedding Type 1 or 2 shall be required for all risers whether constructed in vertical wall or sloped wall trenches. Bedding material and construction practices shall be approved by the Construction Engineer prior to installation.

7. SUPPORT OF RISERS. Sanitary sewer riser pipe shall be supported during trench backfill. The riser pipe shall be held in a vertical position at all times until trench backfill and compaction has been completed. Contractor's methods for supporting and back filling the riser pipe shall be approved by the Construction Engineer.

8. PLUGGING. The ends of the riser pipes and manhole stubs shall be plugged using an airtight solvent welded cap or plug. Cap or plug fittings shall be approved by the Construction Engineer prior to installation. Caps or plugs which do not provide an airtight seal will not be accepted.

9. TOP OF THE RISER PIPE. The top elevation of the sanitary sewer riser pipe shall be built per plan elevations, unless otherwise directed by the Construction Engineer. where riser elevations are not shown on the plans, the top of the risers shall be set at an elevation four feet below t he proposed ground surface. If ground water is encountered, the top of the riser pipe shall be set at an elevation 2' (min.) above the maximum water table elevation, regardless of the riser elevation shown on the plans.

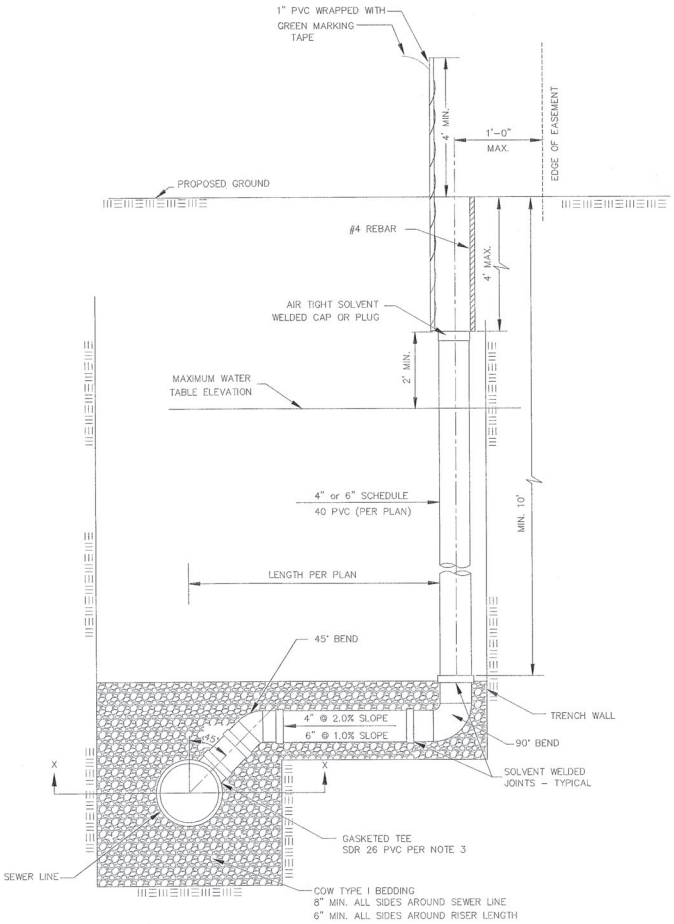
10. MARKING. Locations of the ends of the sanitary sewer riser pipe shall be marked by installing 1" PVC from the top of the riser to a minimum of 4' above the top of finished grade. No. 4 rebar shall be placed centered over the riser from the cap to the existing ground. The 1" PVC pipe shall be wrapped with green colored plastic tape, for the full length above ground surface. The green tape shall be 4 mil Polyethylene film with a minimum width of three inches, specifically manufactured for the purpose of identification of underground sewers.

11. LOCATION MEASURES. The project inspector shall record and document the location of all risers constructed as measured from the nearest manhole, indicate the direction from the manhole, the direction and distance from the main, riser size, and elevation of the top of the riser in tabular format.

12. RISER LOCATION. the riser shall be located per plan if shown. If not shown on the plan, the riser shall be located at the center of the lot, within one foot of the property side of the easement for the lot being served. All riser locations shall be approved by the Construction Engineer prior to installation.

13. PAYMENT. "Riser Assembly, Vertical " shall be paid for at the contract unit price per each, which shall be full compensation for all pipe, fittings, marking tape, length of backfill, labor, site restoration, and any other items necessary to complete the work.

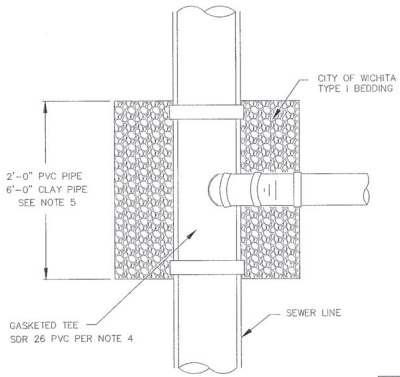
    "Riser Assembly, Manhole Stub" shall be paid for at the contract unit price per each, which shall be full compensation for all labor material and incidentals necessary to complete the work including all pipe, fittings, rock encasement, and all other items as required and listed for "Riser Assembly, Vertical "



NOTE: RISER PIPE REQUIREMENTS AT MANHOLE CONNECTION SHALL BE SIMILAR TO THOSE SHOWN ABOVE.

SANITARY SEWER RISER TABLE							FOR INFORMATION ONLY	
		LOCATION					APPROXIMATE LENGTH	
NUMBER	TYPE	LOT NO.	BLOCK NO.	LINE NO.	STATION	DIRECTION	VERTICAL (FT)	HORIZONTAL (FT)
1	4" MANHOLE CONNECTION							
2	6" MANHOLE CONNECTION							
3	4" TEE							
4	6" TEE							

NOTE: TABLE FOR REFERENCE ONLY AND SHOULD BE ON EACH APPLICABLE PLAN SHEET.



NOTE:
NON SHEAR COUPLING TO BE USED WHEN HOOKING TO CLAY PIPE.

TYPICAL SECTION X-X

GARY L. JANZEN 14624 CONSULTING KANSAS PROFESSIONAL ENGINEER
07/21/15

REVISED: JULY 2015

CITY OF WICHITA
PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

VERTICAL RISER ASSEMBLY SEWER DETAIL

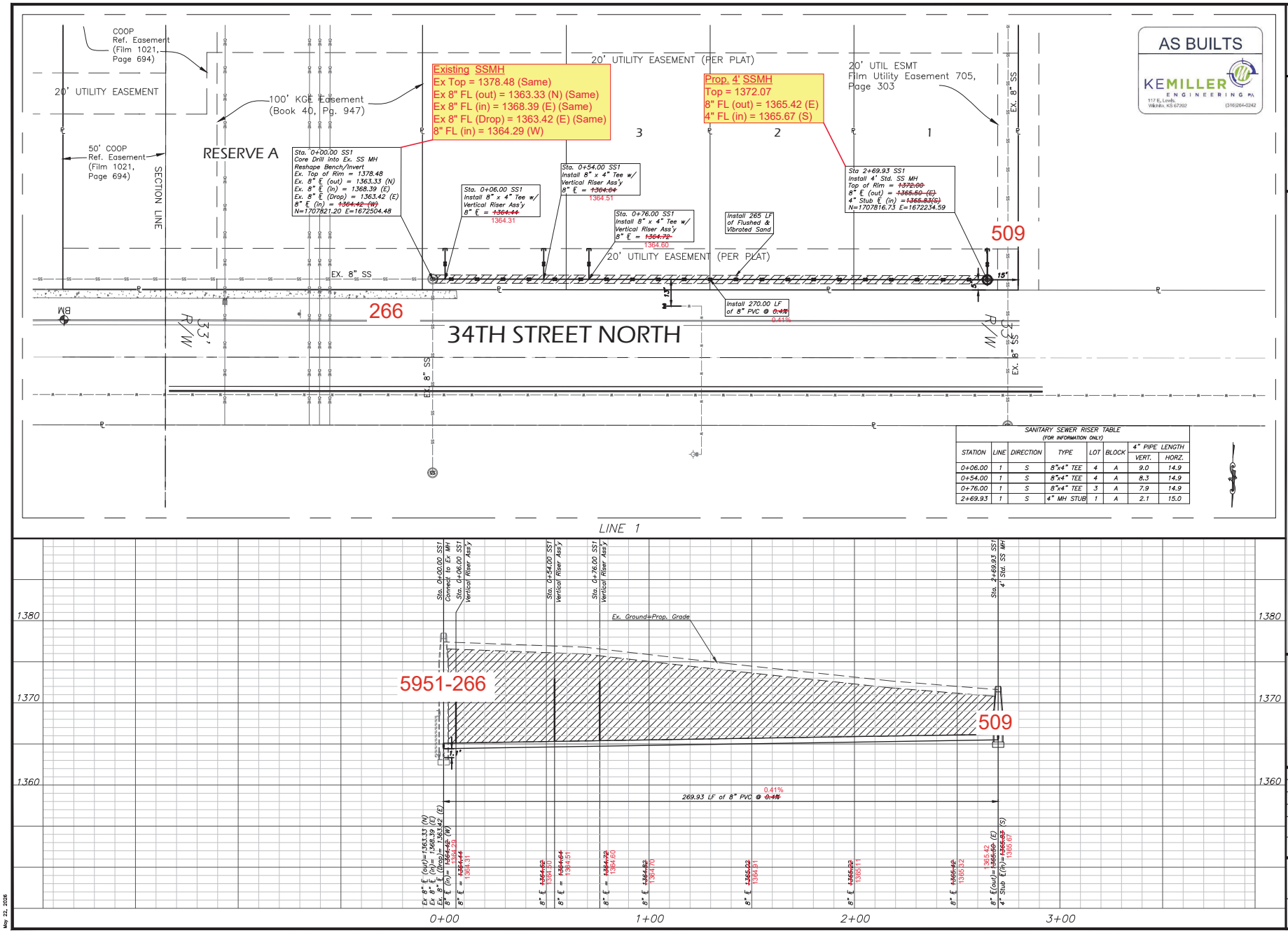
CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET

SS-103



KEMILLER ENGINEERING
117 E Lewis, Wichita, KS 67202 (316)264-0242

KIRK C. ULLRICH LICENSED 05.14.2026 11283 PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED DIGITALLY

SANITARY SEWER IMPROVEMENTS
Killarney Townhomes 2nd Addition
WICHITA, KANSAS

VERTICAL SCALE 1 INCH = 5 FEET
0 10 20 40
HORIZONTAL SCALE: 1 INCH = 20 FEET

REVISIONS

KEM PROJ.	DATE
25179	03/2026
DESIGNED	DRAWN
KEM	AG

Plan & Profile Line 1

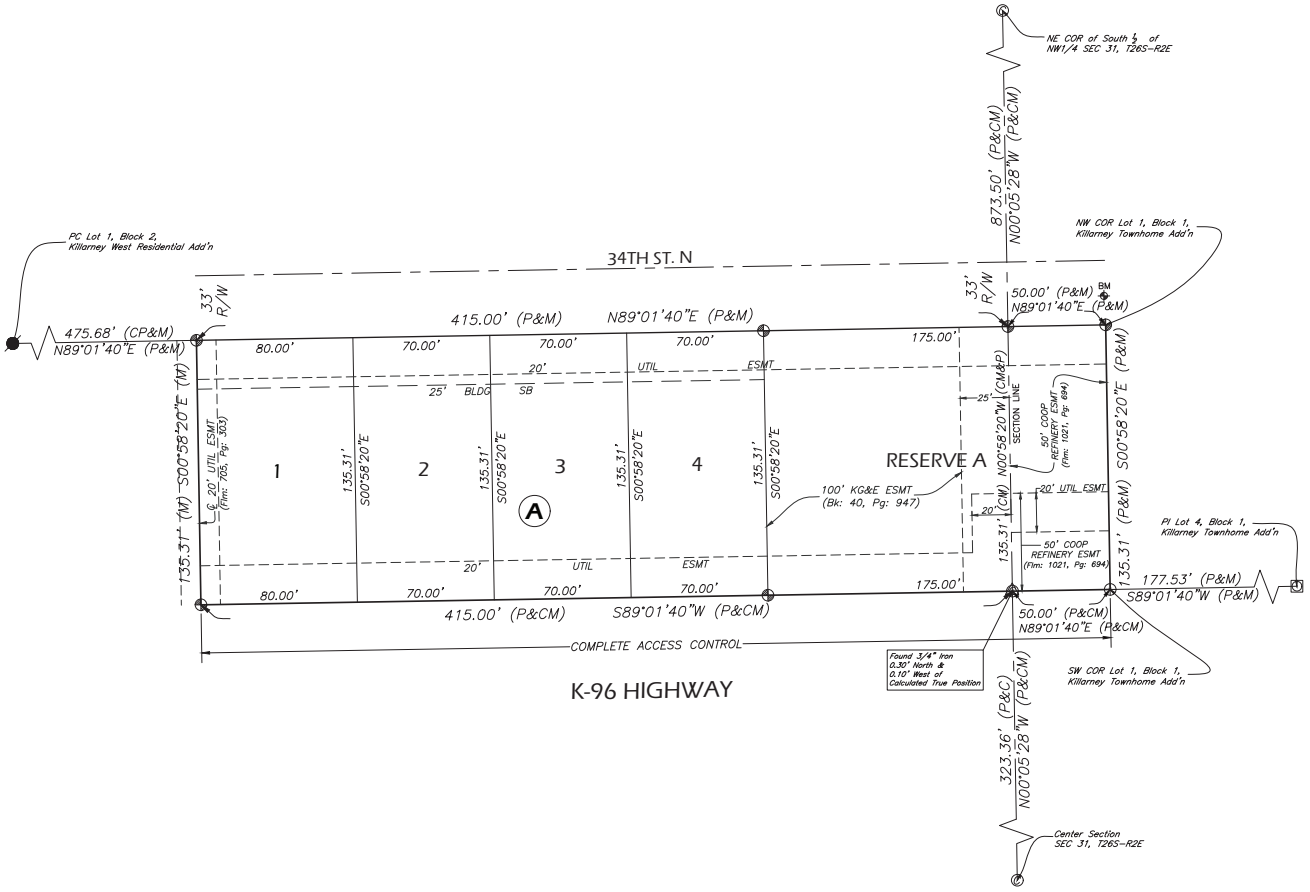
SHEET 3.0

May 22, 2026

Killarney Townhomes 2nd Addition

A Re-Plat of Part of Lot 1, Block 2, Killarney West Residential Addition, an Addition to Wichita, Sedgwick County, Kansas.

FOR REFERENCE ONLY



30 15 0 30
(IN FEET)
1 inch = 30 ft.

LEGEND

- (P) – Platted
- (M) – Measured
- (C) – Calculated
- (CM) – Calculated per Measured Info.
- (CP) – Calculated per Platted Info.
- – 1/2" Rebar KEMPA (Set)
- – 1/2" Rebar KEMPA (Found)
- – 1/2" Rebar Origin Unknown (Found)
- – 5/8" Rebar Origin Unknown (Found)
- – 3/4" Iron (Found)
- – Calculated Point

BM *BENCHMARK:* Square cut on top of curb approximately 15 feet north and 1 foot west of the Northeast corner of Reserve A, Killarney Townhomes 2nd Addition, Wichita, Sedgwick County, Kansas.

Elevation= 1379.84 (NAVD88)

State of Kansas)
County of Sedgwick) SS

I, Keith A. Severns, a licensed land surveyor of the State of Kansas, do hereby certify that the following described tract of land was surveyed on this 27th day of February, 2026 and the accompanying final plat prepared and that all the monuments shown herein actually exist and their positions are correctly shown to the best of my knowledge and belief:

LEGAL DESCRIPTION

The east 465 feet of the following described tract: Lot 1, Block 2, Killarney West Residential Addition, an Addition to Wichita, Sedgwick County, Kansas, EXCEPT that part platted as Killarney Townhome Addition, Wichita, Sedgwick County, Kansas

Keith A. Severns, PS #1355

State of Kansas)
County of Sedgwick) SS

Know all men by these presents, that we, the undersigned, have caused the land described in the surveyor's certificate to be platted into Lots, a Block, a Street, and Reserve to be known as Killarney Townhomes 2nd Addition, Wichita, Sedgwick County, Kansas. The utility easements are hereby dedicated to the public as indicated for the construction and maintenance of all public utilities. A master drainage plan has been developed for this plat. All drainage easements, rights-of-way, and reserves shall remain at established grades (unless modified for the approval of the City Engineer) and shall be unobstructed to allow for the conveyance of stormwater in accordance with the Stormwater Manual. The maintenance of all drainageways and drainage facilities in backyard drainage easements and reserves shall be the responsibility of the property owner, and shall be enforced by the Homeowner's Association and be provided for in the Homeowner's Association covenants. The property owner shall provide a copy of the Individual Lot Grading Plan and the Individual Lot Grading Plan Certificate pertaining to such owner's lot to any person installing a lawn, landscaping, fencing, or other improvements or structures and require them to maintain the grade levels shown on the Individual Lot Grading Plan Certificate. No private drainage systems shall be located within public drainage easements unless a Residential Drainage Relief Permit is obtained from the City of Wichita Public Works and Utilities Department. No signs, light poles, private drainage systems, berms, walls, masonry trash enclosures or other structures shall be located within public utility easements unless permitted by the City of Wichita Department of Engineering and that they do not inhibit the conveyance of surface drainage. Reserve 'A', shall be used in accordance with the 100' KG&E Easement dedicated for Transmission Lines on Misc. Book: 40 Pg: 947, the 50' Coop Ref. Easement dedicated on Misc. Film: 1021 40 Pg: 694, and for open space, recreation, landscaping, parking, and utilities confined to easements. Compliance with any platted restrictions and applicable restrictive covenants affecting said Reserves shall be binding on any owners, successors, heirs, or assigns. All interior side-yard building setbacks shall be five (5) feet. The land contained herein is held and shall be conveyed subject to any applicable restrictions, reservations and covenants now on file or hereafter filed in the Office of the Register of Deeds of Sedgwick County, Kansas.

By: _____
Hussam Farhoud, President Islamic Society of Wichita, Inc. Date

State of Kansas)
County of Sedgwick) SS

This instrument was acknowledged before me on this _____ day _____ of 2026, by, Hussam Farhoud, President, Islamic Society of Wichita, Inc.

_____ , Notary Public

My commission expires:_____

State of Kansas)
City of Wichita)

This plat of Killarney Townhomes 2nd Addition, Wichita, Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this_____ day of_____, 2026.

_____ , Chair
Bob Aldrich

_____ , Secretary
Scott A. Wadle

State of Kansas)
County of Sedgwick) SS

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita Kansas, this_____ day of_____ , 2026.

At the direction of the City Council.

_____
Lily Wu, Mayor

_____
Shinita Rice, City Clerk

Entered on transfer record this___ day of _____ , 2026.

_____
Kelly B. Arnold, County Clerk

State of Kansas)
County of Sedgwick) SS

This is to certify that this instrument was filed for record in the Office of the Register of Deeds this _____ day of, _____ , 2026, at _____ o'clock _____M; and is duly recorded.

_____ , Register of Deeds
Tonya Buckingham

_____ , Deputy
Kenly Zehring

Reviewed in accordance with K.S.A. 58-2005 on this_____day of _____, 2026.

_____
Tricia L. Robello, P.S. #1246
Deputy County Surveyor
Sedgwick County, Kansas

25179 | Killarney Townhomes 2nd Addition Prepared: 03/31/2026

KEMILLER ENGINEERING PA