

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
 - Maintain a minimum of 10-foot horizontal separation between all water lines (mains, services, and fire hydrants) and all sanitary sewer lines (mains, services, and manholes). All separation distances are to be measured from edge-to-edge, at the closest point.
 - Maintain a minimum of 2-foot vertical separation between all water lines (mains and services) and all gravity sanitary sewer lines (mains, services, and manholes) at crossings. All separation distances are to be measured from edge-to-edge, at the closest point.
 - Maintain a minimum of 2-foot vertical separation between all water lines (mains and services) and all pressurized sanitary sewer lines (force mains and services) at crossings. Waterlines must always be placed above pressurized sanitary sewer lines where they cross. All separation distances are to be measured from edge-to-edge, at the closest point.
- 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
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	1-888-249-3330
Kansas Gas Service	1-888-482-4950
Energy	1-800-544-4857

The Contractor must notify the following in case of an emergency:
- 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.
- 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.
- 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.
- 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.
- 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.
- The Engineering Division shall field locate water valve one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match field grades by the contractor.
- The Contractor shall notify the consultant engineer and Dawnita Reinhardt at 316-650-0740 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.
- If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer 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 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.
- All elevations shown are NAVD88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions per City specifications.
- All applicable fees (tap, equity, in lieu of & main benefit) must be paid before any work on this project can commence. Quotes can be obtained on fees by calling 316-268-4555.
- Opening and closing of water valves shall be done slowly to prevent damage to the water distribution system from water hammer. All valves closed by the contractor must be reopened as new construction permits. The project inspector must ascertain that any valve closed by the Contractor is reopened. The contractor will be permitted to operate water valves only when the project inspector assigned to the project is present.
- The Contractor shall lay a Tracer Wire and Set Test Stations along all water pipe installed in accordance with City Specifications and Tracer Wire Detail on detail sheet WL-101, cost is subsidiary to pipe installation.
- The contractor shall provide materials for temporary blowoff of waterlines. Connections to the existing waterline(s) shall be made with clean, swabbed pipe and flushed upon completion of tie-ins.
- Requests for short term water interruptions shall be made to the City Water Distribution Division and will be subject to their approval. The Contractor shall give written notice to any property owner, business, and/or tenants that will have water service interrupted for at least 5 days in advance. Such notifications should indicate the time and date that the water will be turned off and when the service will be restored. No business, property owner, and/or tenants shall be without water service for more than 8 hours. Proposed tie in locations which will affect water service to property owners shall be performed during non-peak hours.
- The Contractor must schedule the connections to the existing main with the City such that there is a minimum disruption of service. Connections shall be made during periods of low water usage. The Contractor shall submit his proposed schedule for completing work for City approval at least 10 days prior to beginning construction.
- Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.
- All wet taps shall be installed by the City of Wichita. The Contractor will reimburse the City for tapping fees prior to tap being made. Unless noted on plans.
- The Contractor shall protect from damage and support existing utilities through construction as approved by the utility owner and the Engineer at the contractor's expense.
- Wichita Fire Department inspections may be scheduled by calling Dawnita Reinhardt at 316-650-0740.
- All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on-site engineer shall complete weekly reports on the status of erosion control measures. The contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on-site engineer until project is accepted by City of Wichita. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Maintain Existing BMPs".
- All excess excavation shall remain on-site and shall be stockpiled or spread at a location determined by the engineer.
- The Contractor shall not begin work on the project until the Project Inspector is assigned and on site. Any work completed without inspection will be required to be uncovered for inspection at the Contractor's expense.

WATER DISTRIBUTION SYSTEM to serve

TRAINING BUILDING - KAPAUN MT. CARMEL HIGH SCHOOL

8506 E. CENTRAL
CITY OF WICHITA, KANSAS

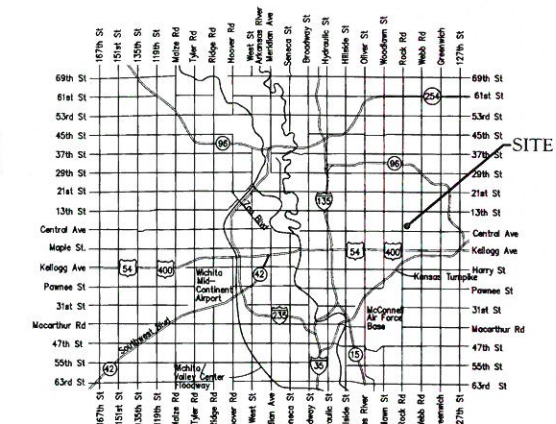
Gary Janzen, P.E. City Engineer
2023-005202PPW
54030980

Benchmarks

BM #1: #4 Rebar with
Baughman Cap
Elevation=1367.25 (NAVD88)

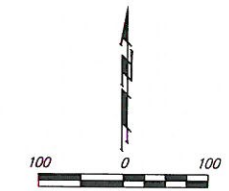
BM #2: "□" Chiseled on Top of
Light Pole Base.
Elevation=1365.91 (NAVD88)

AS-BUILT PLANS
Contractor = Pearson Construction
Inspector = Fred Smith
Baughman Company
As-Built Plans = FES



Vicinity Map

Construction Began = June 2023
Construction End = July 2023



Sheet Index

Title Sheet	1
Line 1	2
Erosion Control/Grading Plan	3
Std. Water Assembly Detail	4
Miscellaneous Water Details	5
Erosion Control BMP Details	6-10
Copy of Plat	11

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS
ENGINEERING DIVISION
& BY WICHITA FIRE DEPARTMENT

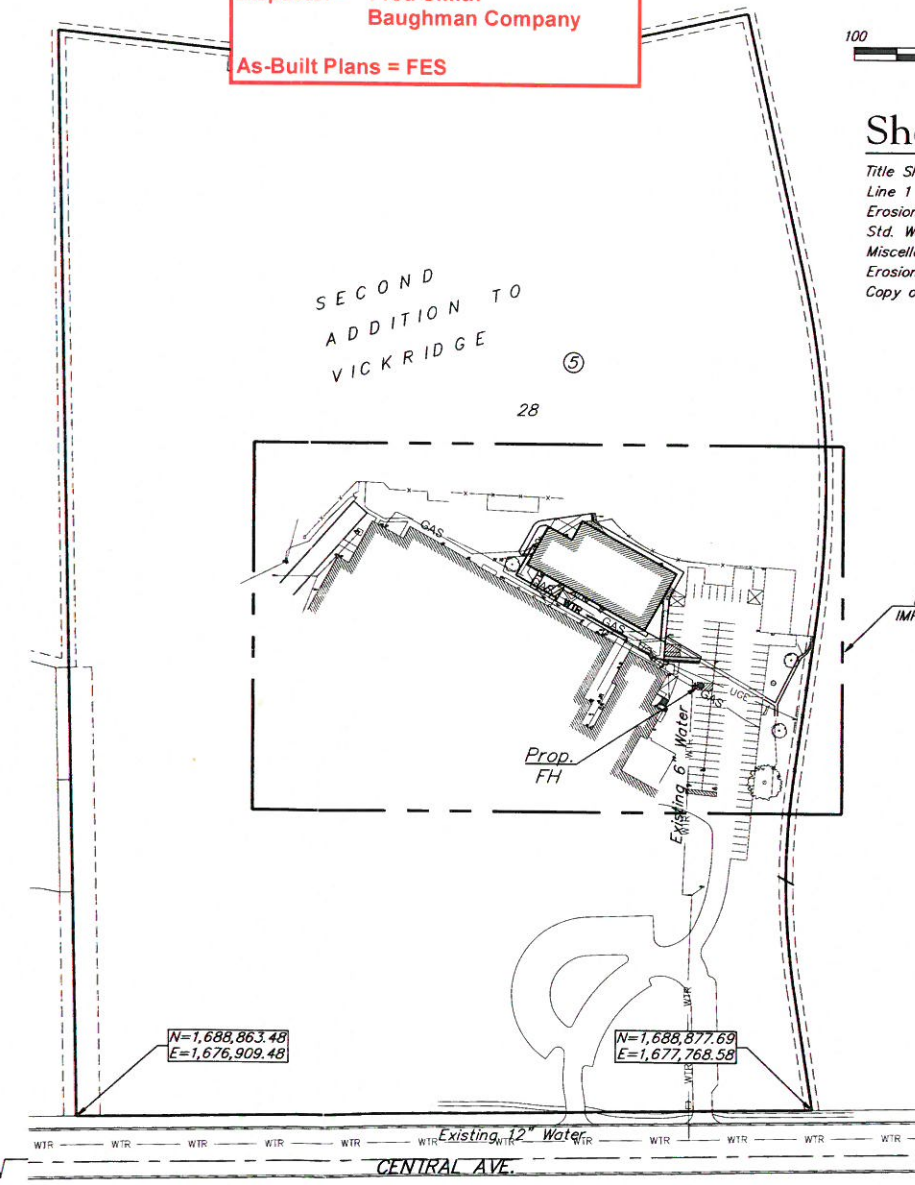
Engineering approved by Shawn Mellies on 06.26.23
Utilities approved by Greg Talley on 06.26.23
Fire Dept. approved by Jose Ocadiz on 06.26.23

NOTE TO CONTRACTORS

Public Property:
Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said Inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional Engineer Licensed in the state of Kansas. No work shall be performed in dedicated easements or public right-of-way 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 City of Wichita Specifications and Standards and Special Provisions (on file and available in the City Engineer's Office) or on the City's Website.

Private Property:
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply with the fire codes as adopted by the City of Wichita (available from the City of Wichita Fire Department). The Contractor shall not commence work without notification and approval of the Wichita Fire Department. Inspection of the fire protection line is to be provided by a licensed Engineering Firm under contract with the Owner/Developer and the Fire Department. The contractor shall not start work until the project inspector is assigned to the project and present on the site. Any work done without inspection will be required to be uncovered for inspection.

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



Fire Hydrant = CLOW
Valves = CLOW
DICL = McWane

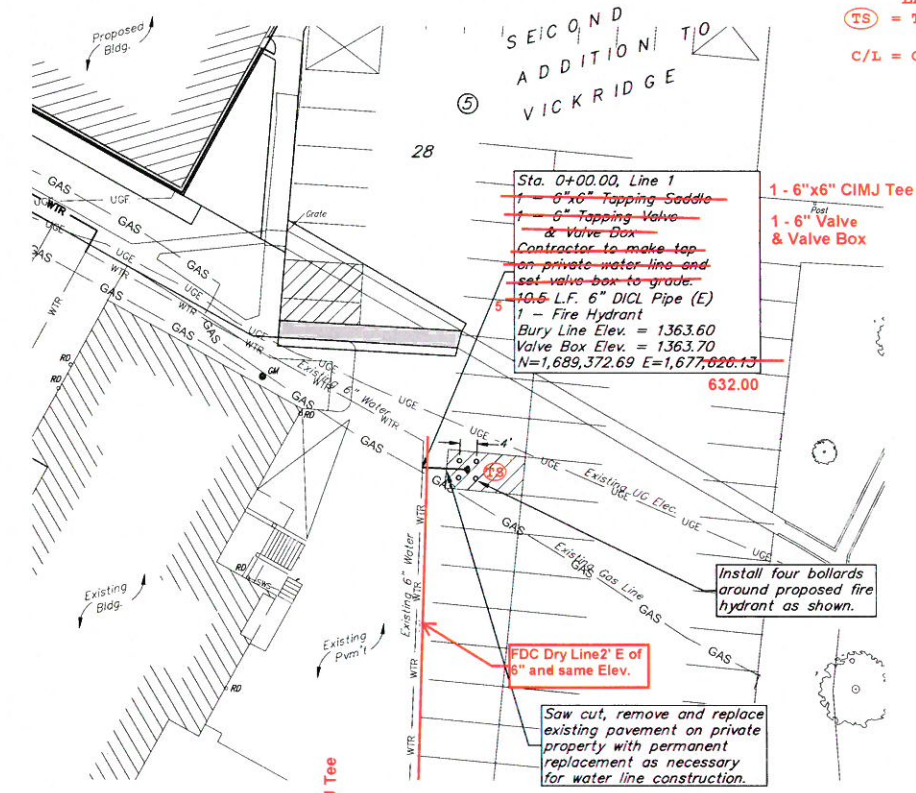
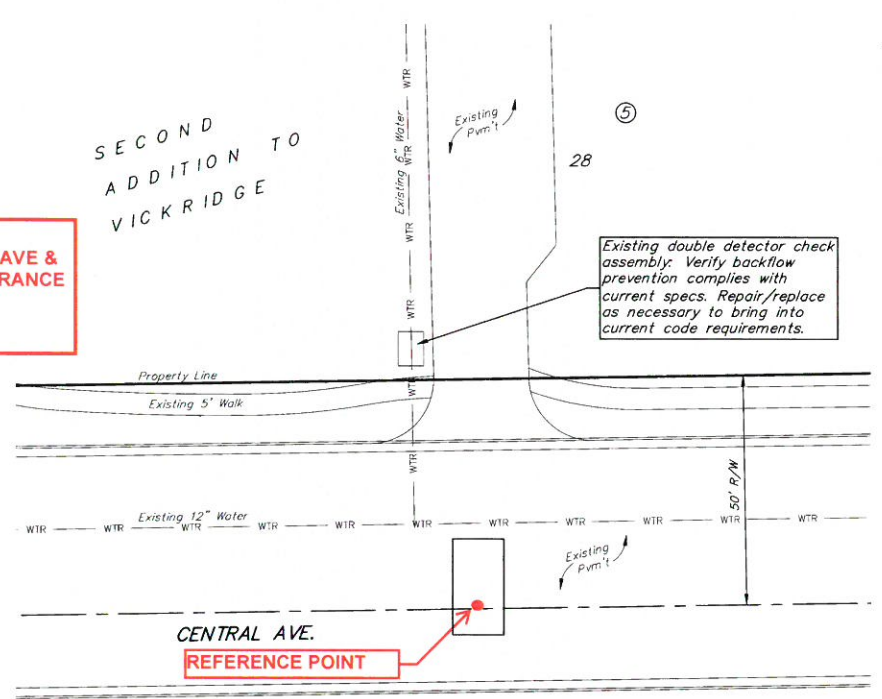


June 26, 2023
BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com

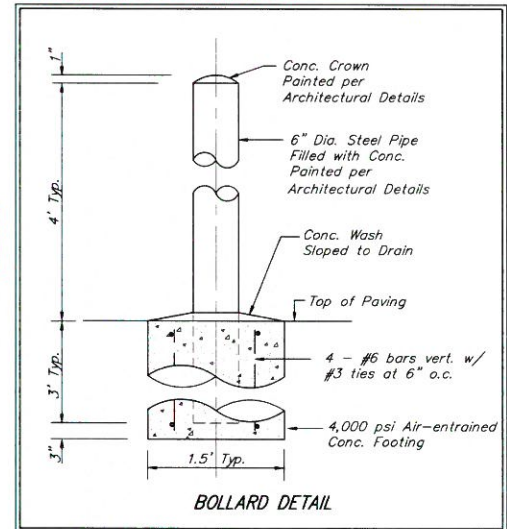
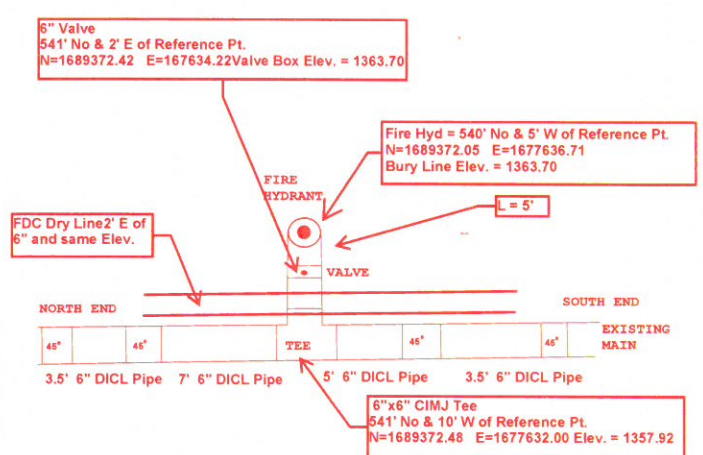
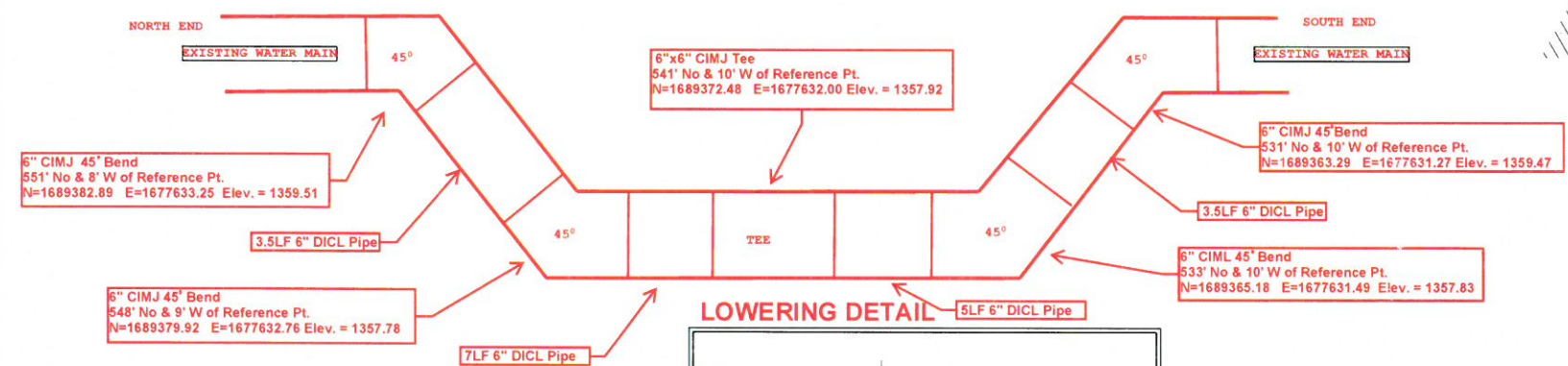
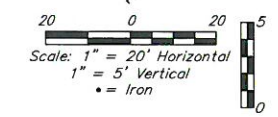
E:\Projects\Kapaun Training Facility\Engineering\Phase 1\20230623\DWG

BENCHMARKS:
 BM #1: #4 Rebar with
 Baughman Cap
 Elevation=1367.25 (NAVD88)
 BM #2: 1" Chiseled on Top of
 Light Pole Base.
 Elevation=1365.91 (NAVD88)

REFERENCE POINT
 CENTERLINE OF CENTRAL AVE &
 CENTERLINE OF EAST ENTRANCE
 N=1,688,831.96
 E=1,677,641.46



LEGEND:
 (TS) = Test Station
 C/L = Center line



DEPTH UNKNOWN
 Contractor to Verify
 Depth & Location of
 Existing Water Line
 Prior to Construction.

1385	1-6"x6" CIMJ Tee 1-6" Valve & Valve Box	1385
1380	Sta. 0+00.00, Line 1 1-6"x6" Tapping Saddle 1-6" Tapping Valve & Valve Box Contractor to make tap on private water line and set valve box to grade.	1380
1375	10.5 L.F. 6" DI CL Pipe (E) 1 - Fire Hydrant Bury Line Elev. = 1363.60 Valve Box Elev. = 1363.70	1375
1370	Existing Grade	1370
1365		1365
1360		1360
1355	LINE 1	1355
1350		1350

NOTE
 EXISTING WATER MAIN WAS LOWERED
 2'+/- TO GET FIRE HYDRANT LEAD
 UNDER THE EXISTING 6" DRY FDC
 LINE JUST EAST OF AND ADJACENT
 TO THE WATER MAIN.

BAUGHMAN COMPANY
 315 Ellis St.
 Wichita, KS 67211
 316-262-7271
 BaughmanCo.com

TRAINING BUILDING
 KAPAUN MT. CARMEL

LINE 1

WATER DISTRIBUTION SYSTEM

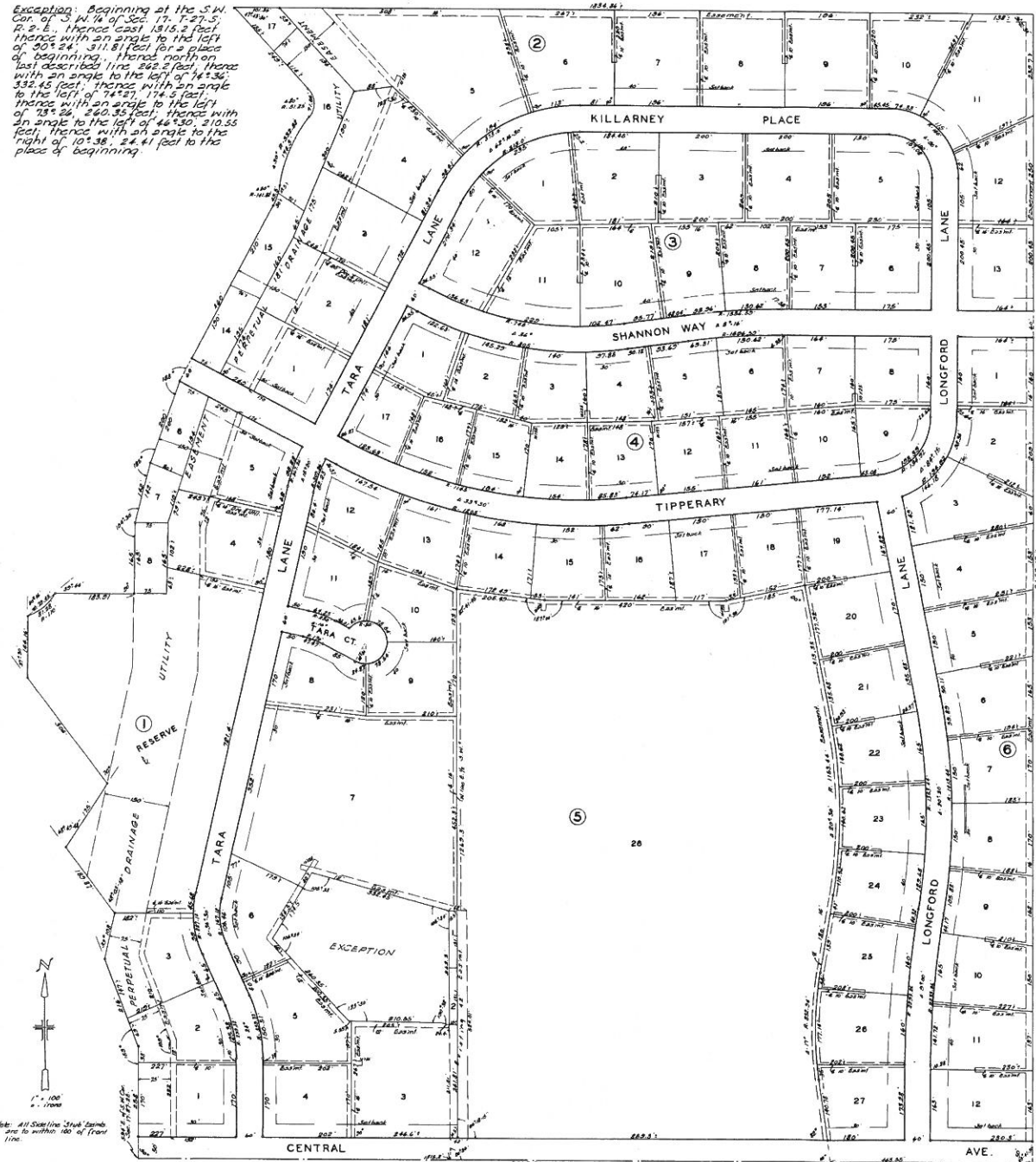
PROJECT NUMBER:

DESIGN: TJW DRAWN: TMS
 DATE: June 26, 2023

SHEET 2 OF 11

SECOND ADDITION
TO
VICKRIDGE
SEDGWICK COUNTY KANSAS

Exception: Beginning at the S.W. Cor. of 3/4 Sec. 17, T.27.S., R.2.E., thence east 1815.2 feet thence with an angle to the left of 90° 24' 31.81 feet for a place of beginning. Thence northon last described line 242.2 feet thence with an angle to the left of 74° 36' 33.45 feet thence with an angle to the left of 74° 27' 14.5 feet thence with an angle to the left of 93° 24' 24.85 feet thence with an angle to the left of 44° 50' 21.55 feet thence with an angle to the right of 101° 38' 24.41 feet to the place of beginning.



State of Kansas) s.s. Clyde M. Baughman, Surveyor of Sedgwick County, and state do hereby certify that I have surveyed and plotted SECOND ADDITION TO VICKRIDGE Sedgwick County, Kansas, and that the accompanying plat is a true and correct exhibit of the property surveyed and described as follows: All of the S.W. 1/4 of Sec. 17, Twp. 27.S., R.2.E., lying east of the following described line: Beginning 3/4 block east of the S.W. Cor. of said 1/4 Sec., thence north at right angles 258 feet thence left 87.00 a distance of 216.0 feet thence right 187.00 a distance of 108.0 feet thence left 43° 03' 18 a distance of 182.0 feet thence right 70° 00' a distance of 100.0 feet thence left 37° 30' 14 1/4 feet, 1/4 having a radius of 110 feet described as chord and chord.

**FOR REFERENCE ONLY
NOT TO SCALE**

Know all men by these presents that we John S. Wertz, George Stallwitz, Helen Vickers Springer, Kenneth Hill and J. A. Vickers, trustees of The Vickers Testamentary Trusts and of the Helen Vickers Trusts, and Mark K. Carroll, President and Ignatius J. Strocker, Secy. Treas. of Catholic Diocese of Wichita, a corporation, and Helen Vickers Springer and Sam Springer have caused the land described in the surveyors certificate to be plotted into lots, blocks, streets, roads, lanes and a reserve to be known as "SECOND ADDITION TO VICKRIDGE" Sedgwick County, Kansas. Easements are hereby granted as indicated for the construction and maintenance of all public utilities, and drainages where indicated. The streets, roads, lanes and courts are hereby dedicated toward for the use of the public.

The Vickers Testamentary Trusts
The Helen Vickers Trusts
Helen Vickers Springer, Trustee
John S. Wertz, Trustee
George Stallwitz, Trustee
Kenneth E. Hill, Trustee
Catholic Diocese of Wichita, a corporation,
Mark K. Carroll, President
Ignatius J. Strocker, Secy. Treas.

State of Kansas) s.s. As it remembered that on this 24th day of December, 1959 before me a Notary Public in Sedgwick County and state came John S. Wertz, George Stallwitz, Helen Vickers Springer, Kenneth Hill and J. A. Vickers, trustees of The Vickers Testamentary Trusts and of The Helen Vickers Trusts, Mark K. Carroll, President and Ignatius J. Strocker, Secy. Treas. of the Catholic Diocese of Wichita, a corporation, and Helen Vickers Springer and Sam Springer, to me known to be the same persons who executed the foregoing instrument of writing and duly acknowledged the execution of the same, in testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

This plat of "SECOND ADDITION TO VICKRIDGE" Sedgwick County, Kansas, has been submitted to and considered by the Wichita-Sedgwick County Metropolitan Area Planning Commission and is hereby recommended to the Board of City Commissioners with the recommendation that such plat be approved as proposed. Dated this 11th day of December, 1959.
Wichita-Sedgwick County Metropolitan Area Planning Commission.
Chairman
Secretary

State of Kansas) s.s. This is to certify that this plat was filed for record in the office of the Register of Deeds this 26th day of February, 1960 at 1:42 o'clock P.M. and is duly recorded.
4153
Register of Deeds
Deputy

Approved by the Board of City Commissioners this 22nd day of February 1960.
Justin D. Biggale Mayor
City Clerk

Approved by the Board of County Commissioners this 24th day of February 1960.
H. O. Williams County Clerk

Entered on transfer record this 26th day of February 1960.
H. O. Williams County Clerk

B
BAUGHMAN COMPANY
315 Ellis St.
Wichita, KS 67211
316-262-7271
BaughmanCo.com

TRAINING BUILDING
KAPAUN MT. CARMEL

**COPY OF
PLAT**

WATER DISTRIBUTION
SYSTEM

PROJECT NUMBER:

DESIGN: DRAWN:
DATE: February 1, 2023
SHEET 11 OF 11

Amend Plat. Cav. M494 P.499
45-21