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 316-687-2470

   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 ENGINEERING DIVISION SHALL FIELD LOCATE WATER VALVES 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 FINAL GRADES BY THE CONTRACTOR.

9. 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.

10. IF TRAFFIC IS 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.

11. ALL ELEVATIONS SHOWN ARE NAVD 88.

12. ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.

13. 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.

14. 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

15. CITY MAINTENANCE OF WATER MAINS ENDS AT RIGHT-OF-WAY OR EASEMENT LINE OR WITHIN TWO FEET OF VAULT.

16. 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.

17. 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.

18. 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.

19. 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 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 WITH WILL AFFECT WATER SERVICE TO PROPERTY OWNERS SHALL BE PERFORMED DURING NON-PEAK HOURS.

20. 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.

21. DEFLECTIONS AT PIPE JOINT OR COUPLINGS SHALL NOT EXCEED THE PIPE MANUFACTURERS RECOMMENDED MAXIMUM. WHERE DEFLECTIONS ARE GREATER THAN THE MAXIMUM ALLOWED, THE CONTRACTOR SHALL UTILIZE FITTINGS.

22. ANY EXISTING JOINT EXPOSED DURING EXCAVATION SHALL BE REPLACED IF WITHIN FOUR FEET OF PROPOSED JOINT.

23. VALVES 12 INCH AND LARGER ARE TO BE OPERATED BY THE CITY WATER DISTRIBUTION DIVISION, 48 HOURS OF ADVANCE NOTICE IS REQUIRED WITH THE WATER DISPATCH AT 316-291-8921.

24. 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.

25. 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.

26. CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPENINGS OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.

27. WICHITA FIRE DEPARTMENT INSPECTIONS MAY BE SCHEDULE BY CALLING DAWNITA REINHARDT AT 316-268-4574.

KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT NOTES:

1. 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.
2. 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.
3. 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.

Benchmark 1

CHISELED BOX SET ON TOP OF CATCH BASIN ON NORTH SIDE OF CENTRAL AVE APPROXIMATELY 177.84' WEST AND 22.88' SOUTH OF THE TRACT 1 POINT OF BEGINNING.
(5077.7323N, 1667.3522E)

ELEVATION = 1371.70 (NAVD 88)

WATER DISTRIBUTION SYSTEM

to serve

Lots 2 & 3, Block 1, Central Plaza Addition

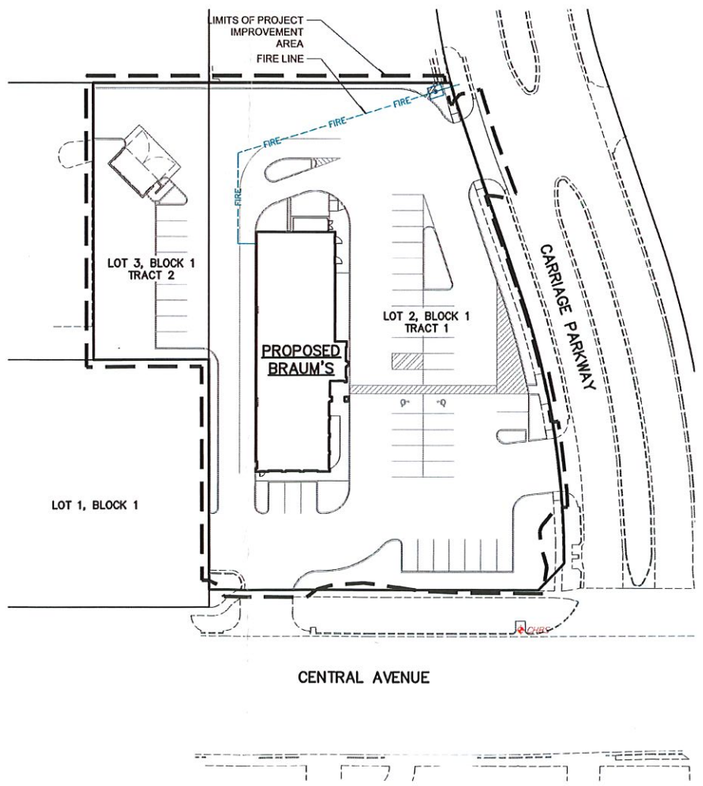
Braum's Ice Cream & Dairy Store

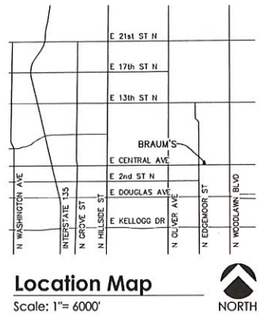
5730 East Central Avenue
City of Wichita, Kansas

Gary Janzen, P.E. City Engineer

Project Number
PPW-2021-004567 54030980

Date: 5/20/2021
Inspector: A.Thompson/M.Collins
Design/Inspecting Firm: Tanner Consulting LLC/Kaw Valley Engineering, Inc.
Contractor:
Subcontractor: Wilks Underground Utilities LLC.
Built in general conformance to construction plans, except where noted on plans.





Location Map
Scale: 1"= 6000'
NORTH

NORTH
0 20 40 80
Scale: 1"= 40'
Tanner Consulting

SHEET INDEX:

SHEET NO.	SHEET TITLE
1	PPW COVER SHEET
2	FIRE LINE PLAN & PROFILE

CITY OF WICHITA STANDARD DETAILS, FOR REFERENCE:

WL-102	STANDARD WATER SERVICE DETAIL
WL-103	STANDARD VAULT DETAILS AND METER ASSEMBLIES
WL-104	MISCELLANEOUS WATER DETAILS
SW-501	BACK OF CURB PROTECTION, CURB INLET PROTECTION, AND CONSTRUCTION ENTRANCE
SW-502	SILT FENCE DITCH CHECK AND BARRIER DETAILS
SW-503	STRAW BALE DITCH CHECK AND BARRIER DETAILS
SW-504	STREET IMPROVEMENT PROJECT
SW-505	SUBDIVISION DEVELOPMENT PROCESS

JUSTIN PAUL MORGAN LICENSED 24375 PROFESSIONAL ENGINEER

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

ENGINEERING Shawn Mellies 02/26/21
UTILITIES Greg Lolley 02/26/21
FIRE DEPT. Jose Ocadiz 02/26/21

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 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 PROVISION (ON FILE AND AVAILABLE IN THE CITY ENGINEER'S OFFICE) OR ON THE CITY'S WEBSITE.

PRIVATE PROPERTY :
INSPECTION 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 THE CITY STAFF ARE REQUIRED ON-SITE.

Tanner Consulting LLC
5323 SOUTH LEWIS AVENUE, TULSA OKLAHOMA 74105-6539 | 918.745.9929
CERTIFICATE OF AUTHORIZATION NO. KS CA E-1311 EXP. 12/31/2021

P:\2020\20090\CIVIL\SHEETS\20090PPW.DWG, COVER, 2/26/2021 2:37:02 PM, SBOWMAN, III, TANNER CONSULTING, LLC, OK CA 2661 EXP 6/30/2021

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 303 ft N./ 147 ft. W. 6" DICL 45 bend south. NOTE: This Bend is not shown or located in the print below.

Badger Meter #200426573;
Meter reading: 000.00;
ERT # 24951887

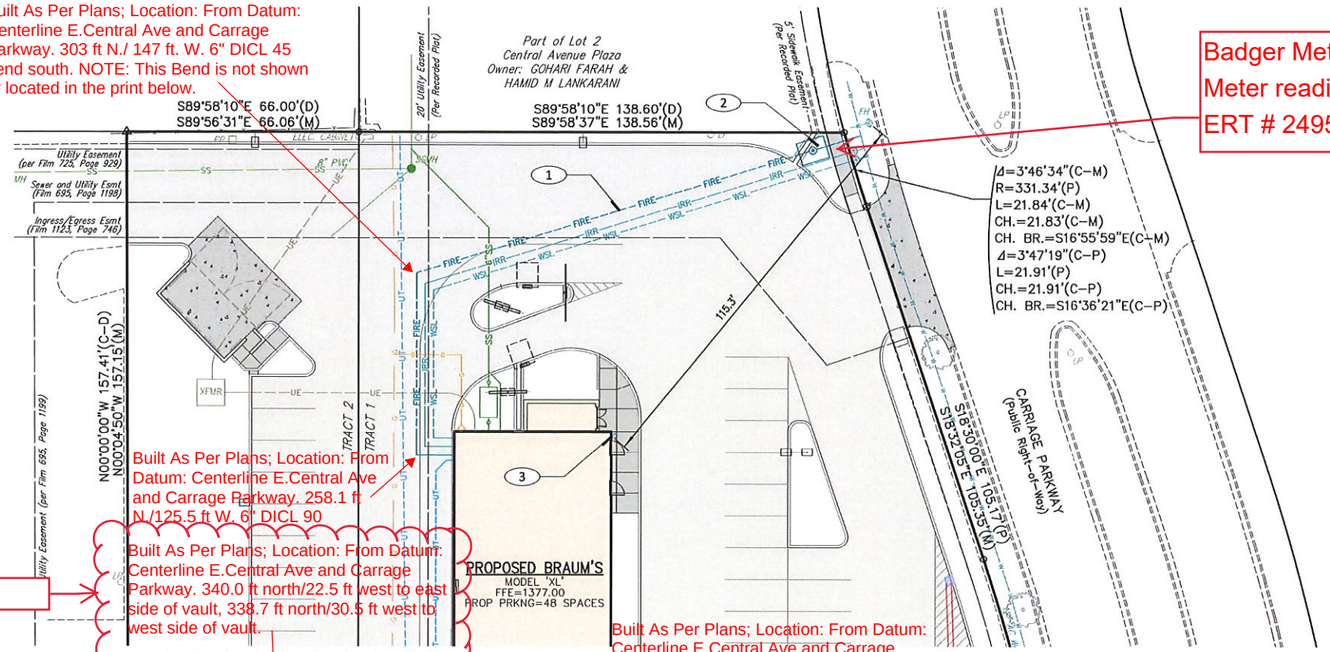
Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 258.1 ft N./125.5 ft W. 6" DICL 90

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 340.0 ft north/22.5 ft west to east side of vault, 338.7 ft north/30.5 ft west to west side of vault.

Vault Location

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 304 ft N./ 128 ft. W. 6"DICL 45 vertical bend sta.1+18.20

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 291 ft N./ 147 ft W. 6" DICL 45 bend sta.1+47.90



Fire Line Plan

Scale: 1"= 20'

Utility Plan Notes

1. (1) 2" WATER METER & 6" FIRE LINE (VERIFY W/ FIRE PROTECTION CONTRACTOR'S HYDRAULIC CALCULATIONS PRIOR TO INSTALLATION)
2. METER & VAULT REFER TO CITY STANDARD SHEET WL-103.
3. FIRE DEPARTMENT CONNECTION - 'FDC' (RE: MEP)

NORTH

0 10 20 30

Scale: 1"= 20'
Tanner Consulting

LEGEND

B/L	BUILDING LINE
DI	DRAIN INLET
EX	EXISTING
FL	FLOWLINE
GUY	GUY ANCHOR
INST	INSTRUMENT
MH	MANHOLE
OE	OVERHEAD ELECTRIC
PP	POWER POLE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
TC	TOP OF CURB
TG	TOP OF GRATE
TR	TOP OF RIM
TB	TRAFFIC PULLBOX
TMH	TELEPHONE MANHOLE
SD	STORM DRAIN
SDI	STORM DRAIN INLET
SEP	SEPARATE
SIGP	SIGNAL POLE
TYP	TYPICAL
UG	UNDERGROUND GAS LINE
UT	UNDERGROUND TELEPHONE
U/E	UTILITY EASEMENT
W	WATER
WV	WATER VALVE

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 312.7 ft. N./113.0 ft. W. 6"DICL 45 vertical bend sta. 1+03.98

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 264.1 ft N./ 147 ft W. 6" DICL 45 bend sta. 1+74.11

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 258.1 ft. N./147 ft W. 6" DICL 90 bend LT, sta. 1+94.6. Riser = 258.1 ft N./ 133 ft W. 6" DICL 90 bend up, 6.5 ft 6" DICL riser

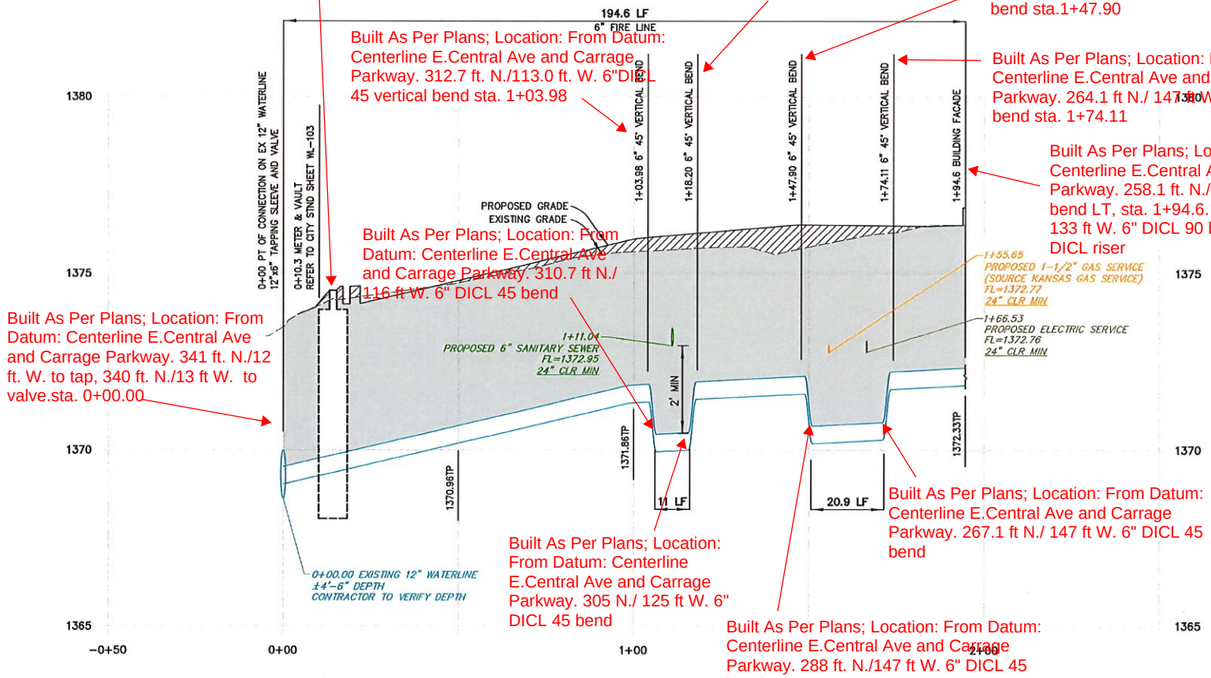
Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 310.7 ft N./ 116 ft W. 6" DICL 45 bend

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 341 ft. N./12 ft. W. to tap, 340 ft. N./13 ft W. to valve.sta. 0+00.00

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 267.1 ft N./ 147 ft W. 6" DICL 45 bend

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 305 N./ 125 ft W. 6" DICL 45 bend

Built As Per Plans; Location: From Datum: Centerline E.Central Ave and Carrage Parkway. 288 ft. N./147 ft W. 6" DICL 45 bend



Fire Line Profile (Sta 0+00 to 1+94.6)

Scale: 1"= 20' HORZ ; 1"= 2' VERT

DENOTES AREAS TO BE BACKFILLED (BEDDING, BACKFILL, AND COMPACTION PER CITY STANDARDS)

DENOTES AREAS TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY PRIOR TO UTILITY CONSTRUCTION.

NOTE: PIPE SEGMENTS LESS THAN 11' IN LENGTH SHALL BE DICL PIPE.

UTILITY NOTES

1. CONTRACTOR IS RESPONSIBLE FOR CONTACTING LOCAL UNDERGROUND UTILITY SERVICES AND/OR ONE-CALL SYSTEM AT 1-800-522-6543 FOR UTILITY LOCATION AND IDENTIFICATION PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ALL UTILITIES DURING THE INSTALLATION.
2. BUILDINGS SHOWN HEREON ARE REPRESENTATIVE ONLY AND NOT FOR CONSTRUCTION. REFER TO ARCHITECTURAL PLANS FOR COMPLETE BUILDING DIMENSIONS, DETAILS AND SPECIFICATIONS.
3. COORDINATION OF PRIVATE FRANCHISED UTILITIES BY THIS FIRM IS LIMITED TO PROVIDING INFORMATION TO THE OPERATORS OF PRIVATE UTILITIES.
4. THESE DRAWINGS DEPICT THE INTENT OF PRIVATE UTILITY ROUTINGS AS UNDERSTOOD OR ASSUMED DURING DESIGN PHASES OF THE PROJECT.
5. FINAL COORDINATION MAY BE REQUIRED AFTER THE DOCUMENTS ARE ISSUED AND, IN CASES, AFTER PROPOSED UTILITIES AND PAVEMENTS ARE IN PLACE.
6. THE OWNERS OF SAID UTILITIES RESERVE THE RIGHT TO DESIGN, CONSTRUCT AND OPERATE OR RECONSTRUCT PRIVATE UTILITIES IN ACCORDANCE WITH THE RIGHTS ESTABLISHED WITHIN EXISTING UTILITY EASEMENTS .
7. THE LOCATIONS, ALIGNMENTS, DEPTHS, TYPE, AMOUNT AND QUALITY OF PROPOSED ELECTRICAL, NATURAL GAS AND TELECOMMUNICATIONS ARE NOT REGULATED OR CONTROLLED BY THESE DOCUMENTS.
8. IT IS THE OWNER/DEVELOPER'S RESPONSIBILITY TO NEGOTIATE ALL CONTRACTS FOR SERVICE WITH EACH INDIVIDUAL UTILITY COMPANY AND TO PROVIDE THE ENGINEER WITH ANY DOCUMENTS THAT MAY AFFECT THE LAYOUT.
9. THE CONTRACTOR SHALL COORDINATE ALL UTILITY SERVICES WITH UTILITY SUPPLIER. SEE COVER SHEET FOR UTILITY COMPANY NAMES AND PERSONNEL CONTACTS.
10. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING EACH SUPPLIER OF SERVICES AND CONFIRM THE CONDUIT AND TRENCHING REQUIREMENTS FOR ELECTRICAL, NATURAL GAS AND TELECOMMUNICATIONS. THIS FIRM HAS INDICATED SERVICES FOR COORDINATION PURPOSES AND RESERVES THE RIGHT TO INCORPORATE SHOP DRAWINGS AND SUBMITTALS PROVIDED BY SUPPLIERS AT A SUBSEQUENT TIME. TANNER CONSULTING, LLC DOES NOT OFFER AN OPINION AS TO THE TYPE OF SERVICE REQUIRED OR PREFERRED BY THE OWNER.

TYPICAL CONDUIT TYPES:

ELECTRICAL CONDUIT:	4"PVC SCH40 (GRAY)
TELEPHONE CONDUIT:	4"PVC SCH40 (WHITE)
CABLE TELEVISION CONDUIT:	4"SDR35 PVC (WHITE)
IRRIGATION CONDUIT:	4" PVC SCH40 (WHITE)

11. THE CONTRACTOR SHALL INSTALL ALL CONDUITS WITH A PULL STRING.
12. THE CONTRACTOR SHALL MAINTAIN A TWO FOOT (2') SEPARATION BETWEEN THE GAS LINE CONDUIT AND ALL OTHER CONDUITS.
13. THE CONTRACTOR SHALL COORDINATE ALL BUILDING CONNECTIONS WITH THE MECHANICAL, ELECTRICAL AND PLUMBING PLANS.
14. CONTRACTOR TO COORDINATE TRANSFORMER LOCATION AND SERVICE CONNECTION POINTS FOR GAS, ELECTRIC, TELEPHONE AND CABLE WITH UTILITY SUPPLIERS. LAYOUTS SHALL BE MODIFIED AS REQUIRED. EASEMENTS SHALL BE GRANTED AS NEEDED. TRANSFORMER PAD AND BOLLARDS SHALL BE PER SPECIFICATION PROVIDED BY THE UTILITY SUPPLIERS.
15. THE CONTRACTOR SHALL INSTALL AND CONNECT SEWER UTILITY SERVICES PER APPLICABLE CITY CODES AND SPECIFICATIONS.
16. THE CONTRACTOR SHALL INSTALL IRRIGATION LINES AND CONDUITS PER THE IRRIGATION PLANS BY THE LANDSCAPE ARCHITECT.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ALL CONDUITS PRIOR TO PAVING WHETHER OR NOT SHOWN ON CIVIL PLANS.
18. ALL WATER LINES AND RELATED APPURTENANCES SHALL BE PROVIDED AND INSTALLED PER CITY STANDARDS.
19. THE CITY OF WICHITA SHALL INSTALL METERS. CONTACT SYSTEM PLANNING AT 316-268-4555 TO START PROCESS.

ALL SITE WORK SHALL BE IN COMPLIANCE OF CUPDP-126)

JUSTIN PAUL MORGAN LICENSED 24375 PROFESSIONAL ENGINEER

Tanner Consulting LLC
CIVIL ENGINEERING | LAND SURVEYING
5323 SOUTH LEWIS AVENUE
TULSA OKLAHOMA 74105-6539
OFFICE: 918.745.9929
www.tannerbaltshop.com
CERTIFICATE OF AUTHORIZATION NO. KS CA E-1311 EXP. 12/31/2021

811 Know what's below. Call before you dig.

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF TANNER CONSULTING, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT OBTAINING SAID WRITTEN PERMISSION AND CONSENT. ANY CHANGES MADE FROM THESE PLANS WITHOUT CONSENT OF TANNER CONSULTING ARE UNAUTHORIZED, AND SHALL RELIEVE TANNER CONSULTING OF RESPONSIBILITY FOR ALL CONSEQUENCES ARRIVING OUT OF SUCH CHANGES.

MILESTONE	DATE
PPD & PPW REV.	02/11/21
PPD & PPW REV.	02/19/21
PLOT DATE: 2/19/21	

Braum's
Civil Plans
5730 E Central Ave
Wichita, KS 67208

BRAUM'S ICE CREAM AND DAIRY STORES
PRODUCERS, PROCESSORS & RETAILERS OF FINE DAIRY PRODUCTS
P.O. BOX 25429, 3000 N.E. 63RD, OKLAHOMA CITY, OKLAHOMA 73121 (405) 478-1555

PROJECT:	20090
ISSUE DATE:	02/03/2021
ATLAS PAGE NO:	N/A
PLAN SCALE: (H)	1"=5'
(V)	

Fire Line Plan & Profile

2 OF 2

P:\2020\20090\01\civil\SHEETS\20090PPW.dwg, 2, 2/19/2021 10:27:19 AM, SHANNON, III, TANNER CONSULTING, LLC, OK CA 2661 EXP 6/30/2021