

# 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-CALL687-2470

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 1-888-492-4950
- WESTAR ENERGY (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 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 ARCHEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

5. TREES AND SHRUBS IN PUBLIC RIGHT-ON-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 ADJUTING 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 REESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE REESTABLISHED 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 316-650-0740 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.

10. 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 CONTRACTOR'S 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. 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 WATER MAINS ENDS AT RIGHT-OF-WAY OR EASEMENT LINE OR WITHIN TWO FEET OF VAULT.

15. 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.

16. 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.

17. THE CONTRACTOR SHALL PROVIDE MATERIALS FOR TEMPORARY BLOWOFF OF WATERLINES. CONNECTIONS TO THE EXISTING WATERLINES SHALL BE MADE WITH CLEAN, SWABBED PIPE AND FLUSHED UPON COMPLETION OF TIE-INS.

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

19. 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.

20. DEFLECTIONS AT PIPE JOINT OR COUPLINGS SHALL NOT EXCEED THE PIPE MANUFACTURER'S RECOMMENDED MAXIMUM, WHERE DEFLECTIONS ARE GREATER THAN THE MAXIMUM ALLOWED, THE CONTRACTOR SHALL UTILIZE FITTINGS.

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

22. VALVES 12 INCHES 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.

23. 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.

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

25. WICHITA FIRE DEPARTMENT INSPECTIONS MAY BE SCHEDULED BY CALLING DAWNITA REINHARDT AT 316-650-0740.

26. KDHE REQUIRES THE FOLLOWING NOTES:

26.1. 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.

26.2. MAINTAIN A MINIMUM OF 2-FOOT VERTICAL SEPARATION BETWEEN ALL WATER LINES (MAINS AND SERVICES) AND ALL GRAVITY SANITARY SEWER LINES (FORCE MAINS AND SERVICES) AT CROSSINGS. ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE, AT THE CLOSEST POINT.

26.3. 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.

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METER S/N 220953644  
METER READING 00000000

# WATER DISTRIBUTION SYSTEM

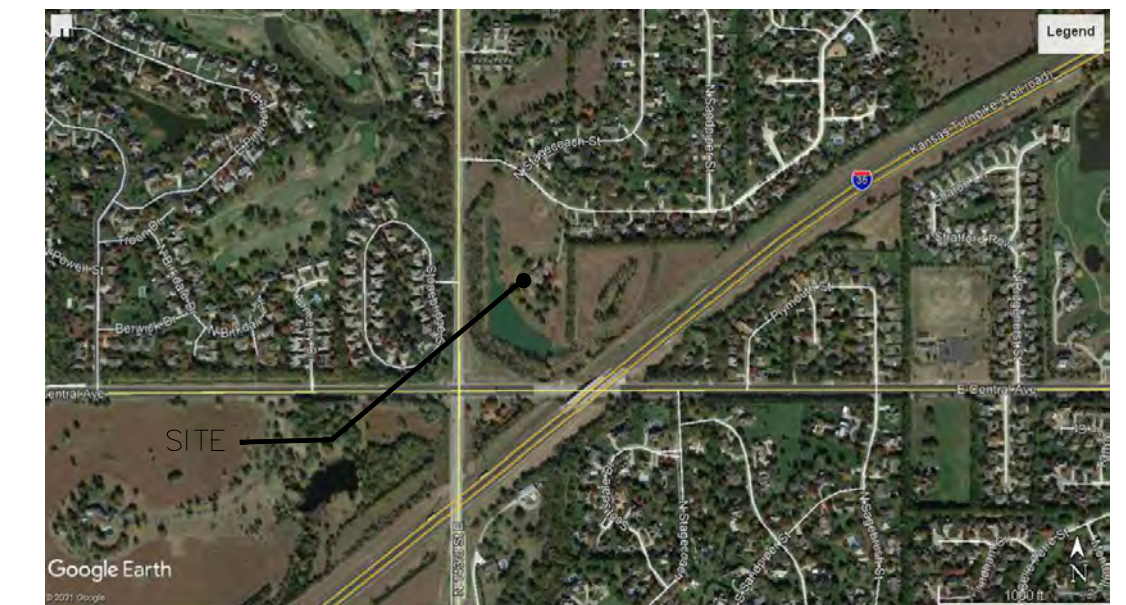
to serve

## FUNDAMENTAL LEARNING CENTER

14533 SHARON LANE  
WICHITA, KANSAS

Gary Janzen, P.E. City Engineer  
2022-015910PPW 54030980

Sanderson pipe c-900  
Sigma fittings and gland packs  
Pro-trace wire  
Clow (storz) fire hyd.



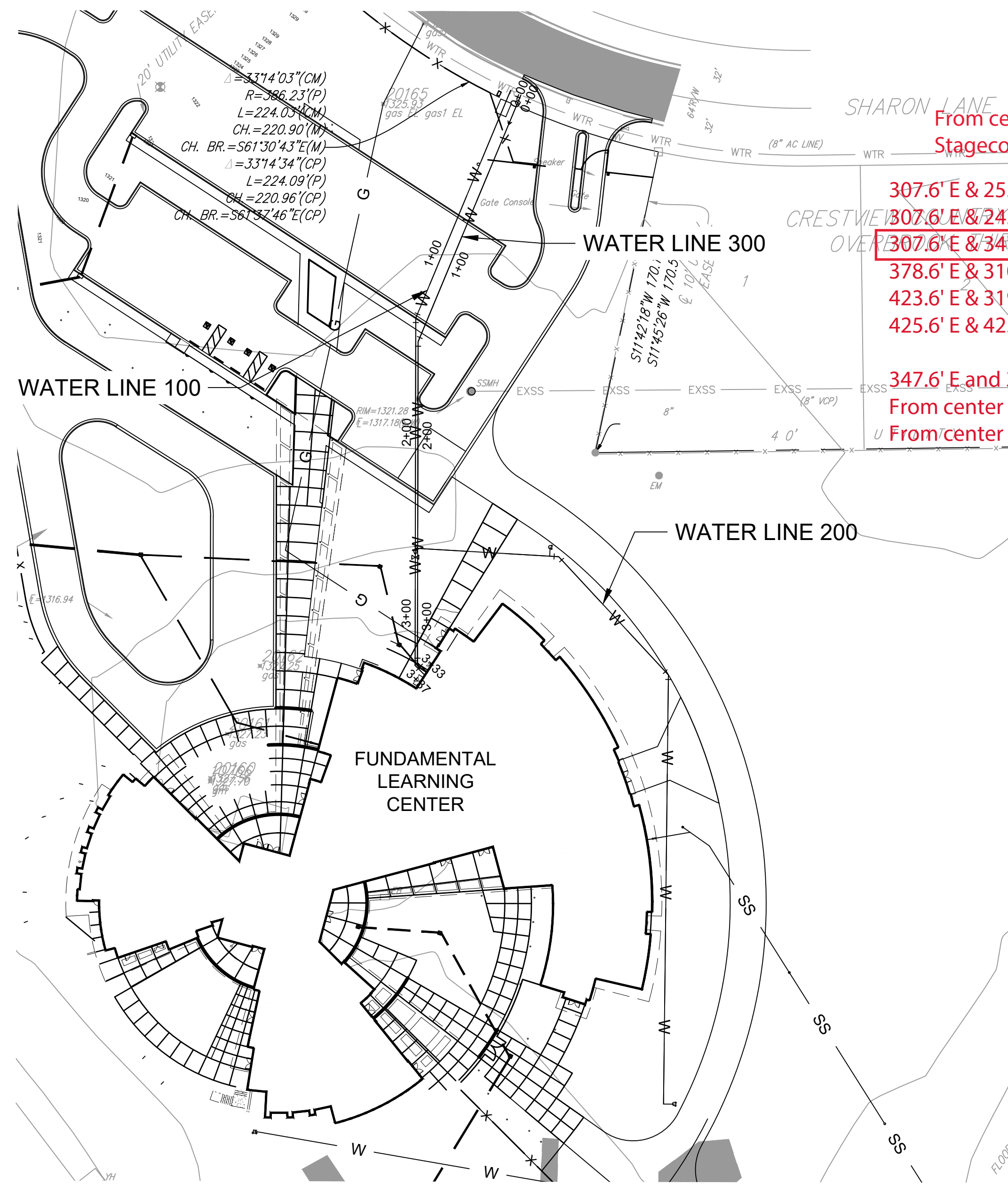
### Vicinity Map

Sheet List Table	
Sheet Number	Sheet Title
CU701	PPW COVER
CU702	PPW PLAN LINE 100
CU703	PPW PLAN LINE 200
CU704	PPW DETAILS
CU705	EROSION CONTROL DETAILS

### AS BUILTS

Contractor:	Project Inspector:
McCullough Excavation	Larry Gann <b>KE MILLER</b> ENGINEERING PA 117 E. Lewis, Wichita, KS 67202 (316)264-0242
4/28/2023	

DESCRIPTION	DATE
COW COMMENT	8.15.2022
COW COMMENT	6.22.2022



From center line of Sharon Ln & Stagecoach:

- 307.6' E & 25.7' S to tapping valve.
- 307.6' E & 24.0' S to tee.
- 307.6' E & 34' S to vault.
- 378.6' E & 310' S to inline valve.
- 423.6' E & 319' S to first fire hyd.
- 425.6' E & 425.6' E to fire hyd. valve.

- 347.6' E and 34' S to center of drive
- From center line of drive 354' SE & 15.6' W to 2nd fire hyd.
- From center line of drive 354' SE & 20' W to fire hyd valve.

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

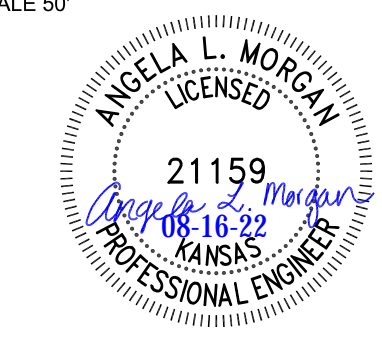
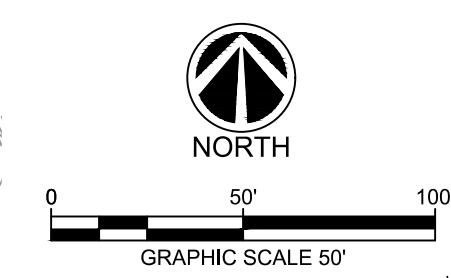
Engineering	Shawn Mellies	7.14.2022
Utilities	Greg Lolley	7.14.2022
Fire Dept.	Jose Ocadiz	7.14.2022

### 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 Provision (on file and available in the City Engineer's Office) or on the City's Website.

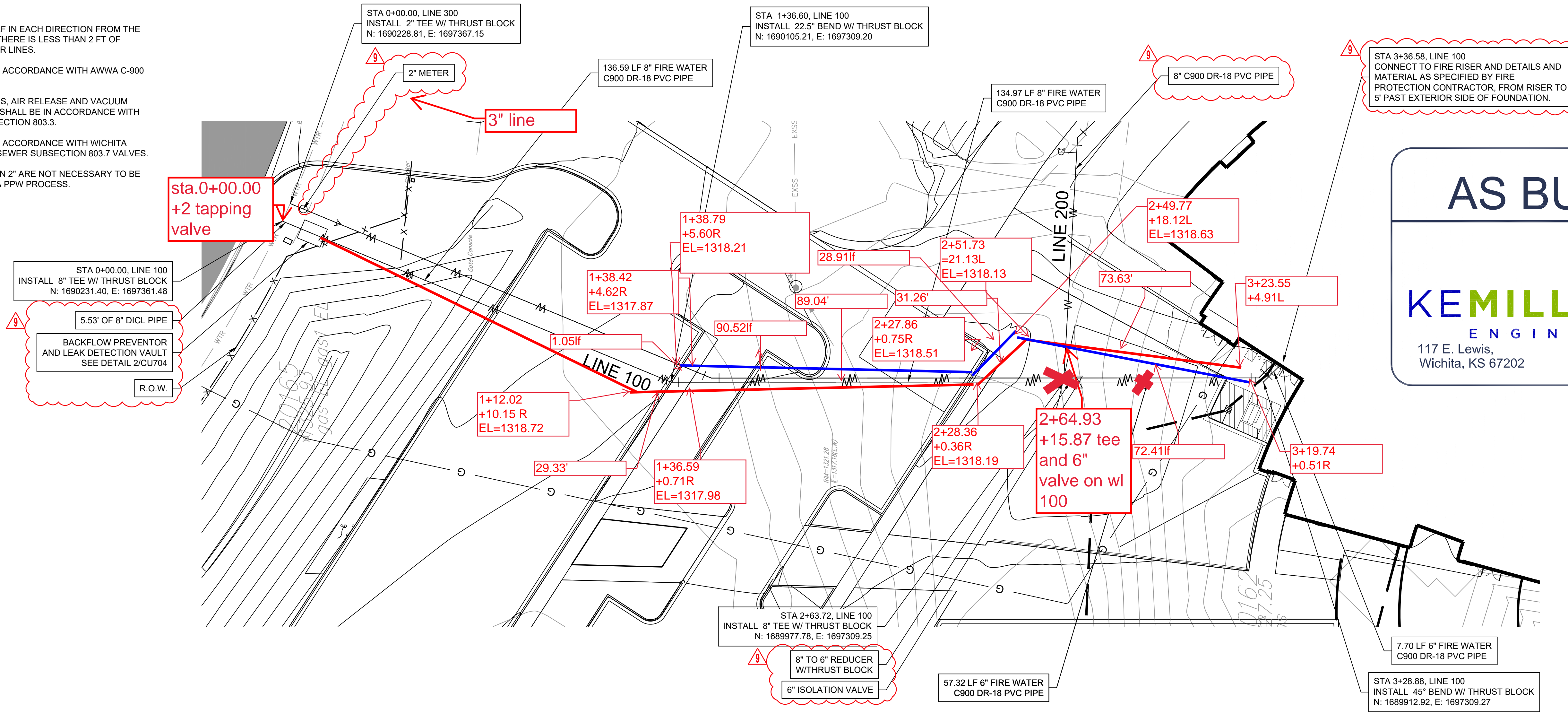
**Private Property:**  
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply 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.



**GLMV Architecture**  
1525 E. Douglas Ave.  
Wichita, KS 67211

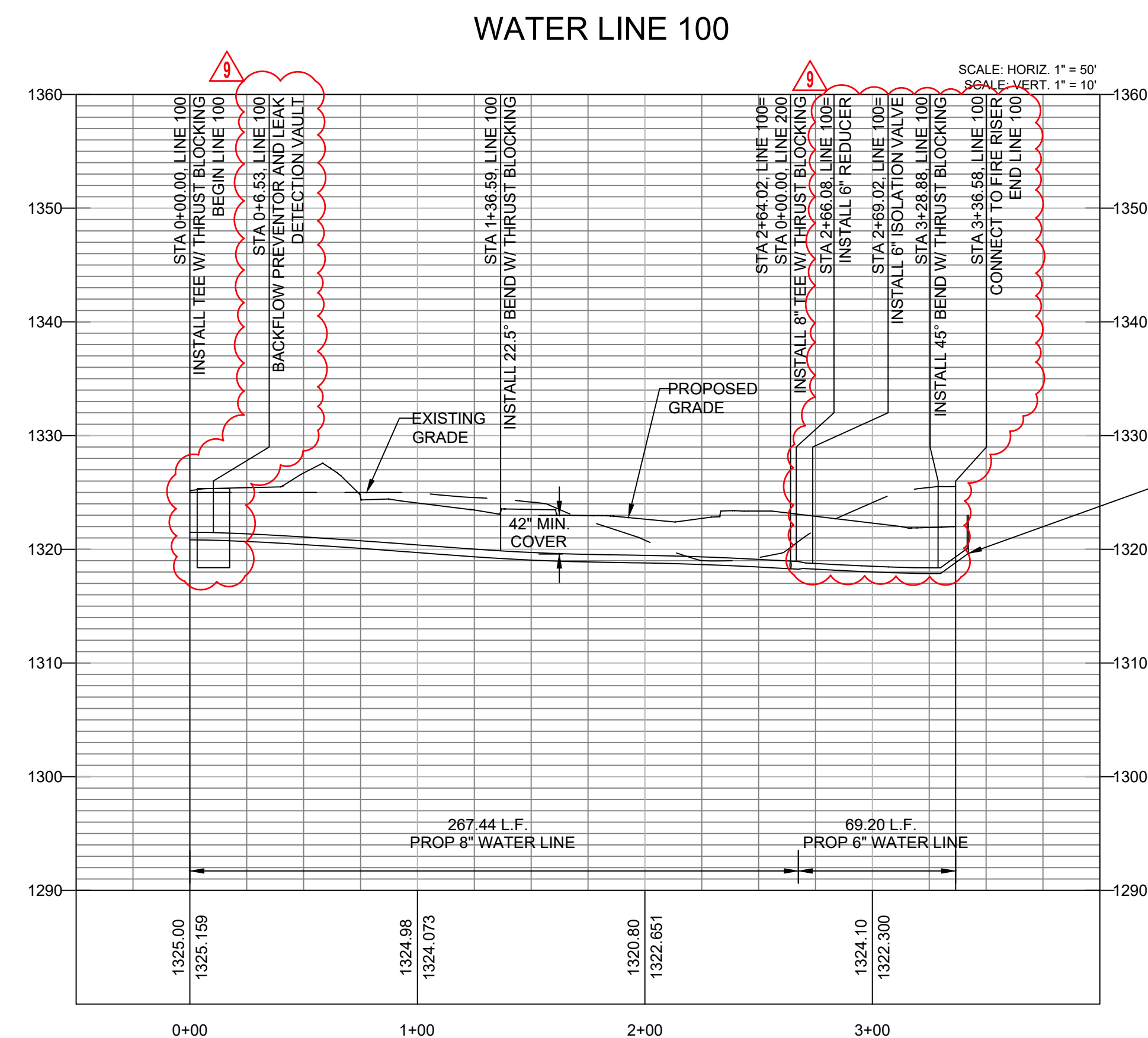
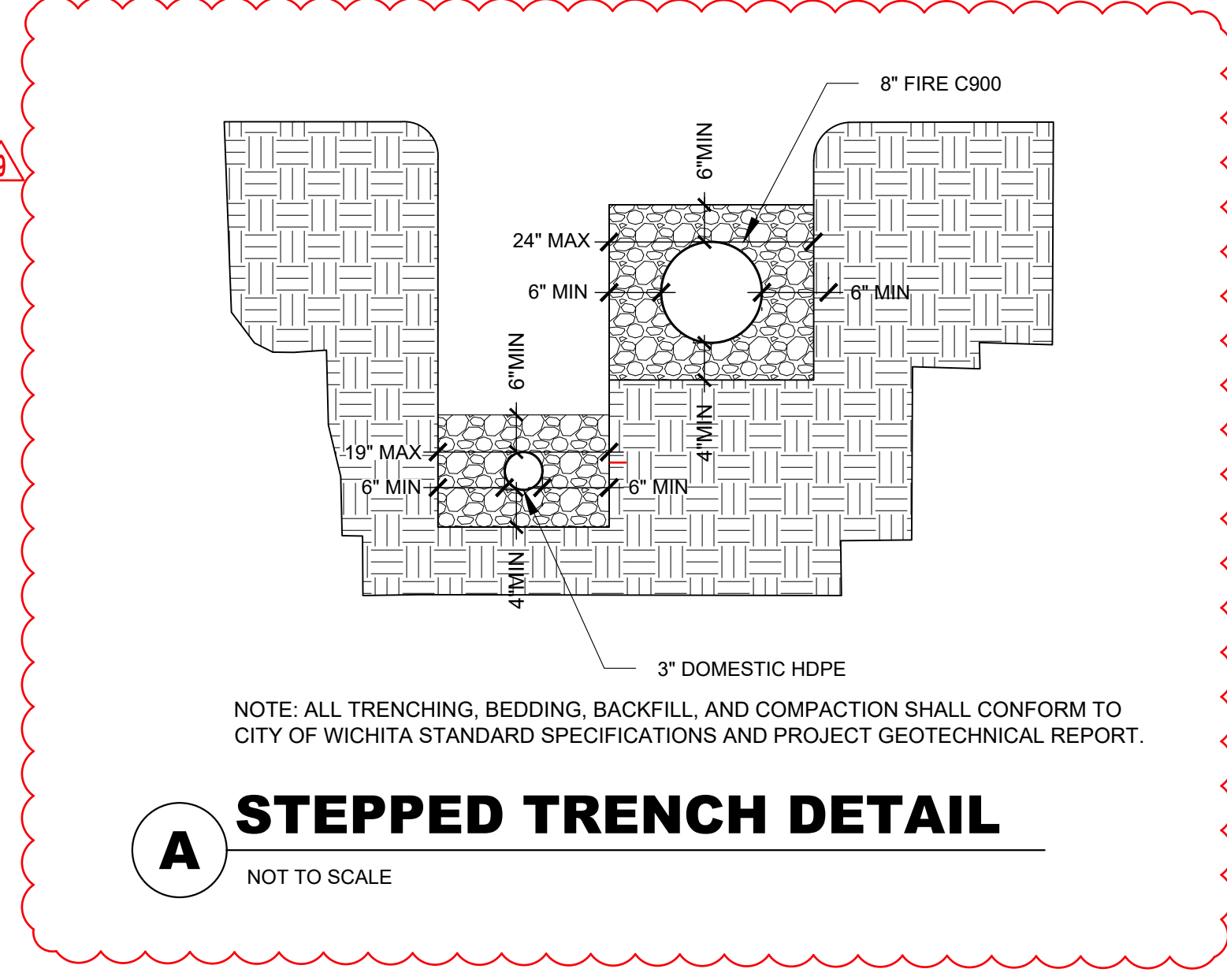
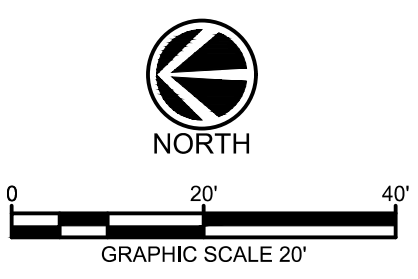
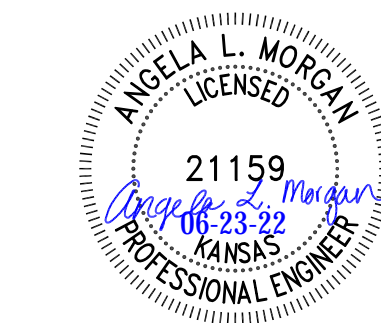
- WATER LINE NOTES:
- SANITARY LINE TO BE ENCASED 10 LF IN EACH DIRECTION FROM THE CENTER LINE OF THE CROSSING IF THERE IS LESS THAN 2 FT OF VERTICAL SEPARATION FROM WATER LINES.
  - ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C-900 OR AWWA C-905.
  - ALL TAPPING SLEEVES, GATE VALVES, AIR RELEASE AND VACUUM VALVES AND CORPORATION STOPS SHALL BE IN ACCORDANCE WITH PART 800 WATER AND SEWER SUBSECTION 803.3.
  - ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH WICHITA STANDARDS PART 800 WATER AND SEWER SUBSECTION 803.7 VALVES.
  - ALL PIPES INSTALLED SMALLER THAN 2" ARE NOT NECESSARY TO BE APPROVED BY THE CITY OF WICHITA PPW PROCESS.



**AS BUILTS**

**KEMILLER**  
ENGINEERING PA

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



FIRE RISER, DETAILS AND MATERIAL AS SPECIFIED BY FIRE PROTECTION CONTRACTOR, FROM RISER TO 5' PAST EXTERIOR SIDE OF FOUNDATION.

PHILLIPS FUNDAMENTAL LEARNING CENTER

N. 143RD ST. E. & CENTRAL AVE  
WICHITA, KANSAS 67230

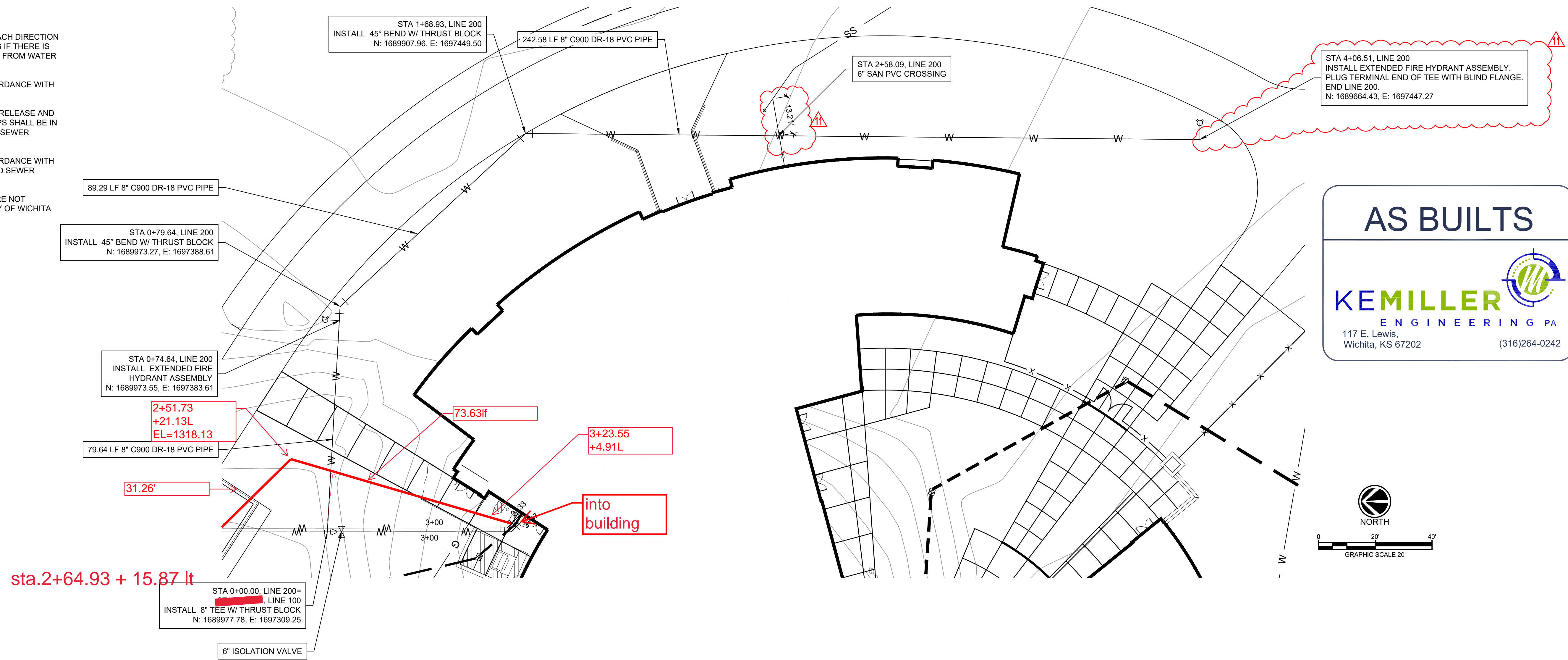
REVISION #	DESCRIPTION	DATE
9	COW COMMENT	6.22.2022
4	REVISION #4	3.31.2022

PROJECT NO: 17044.20001  
DATE: 1.7.2022  
STATUS: FOR BID  
DRAWN BY: KJS  
CHKD BY: LEG

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PLAN AND PROFILE  
**CU702**  
SHEET OF

- WATER LINE NOTES:
- SANITARY LINE TO BE ENCASED 10 LF IN EACH DIRECTION FROM THE CENTER LINE OF THE CROSSING IF THERE IS LESS THAN 2 FT OF VERTICAL SEPARATION FROM WATER LINES.
  - ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH AWWA C-600 OR AWWA C-603.
  - ALL TAPPING SLEEVES, GATE VALVES, AIR RELEASE AND VACUUM VALVES AND CORPORATION STOPS SHALL BE IN ACCORDANCE WITH PART 800 WATER AND SEWER SUBSECTION 803.3.
  - ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH WICHITA STANDARDS PART 800 WATER AND SEWER SUBSECTION 803.7 VALVES.
  - ALL PIPES INSTALLED SMALLER THAN 2" ARE NOT NECESSARY TO BE APPROVED BY THE CITY OF WICHITA PPW PROCESS.

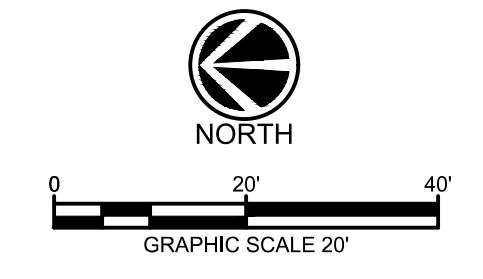
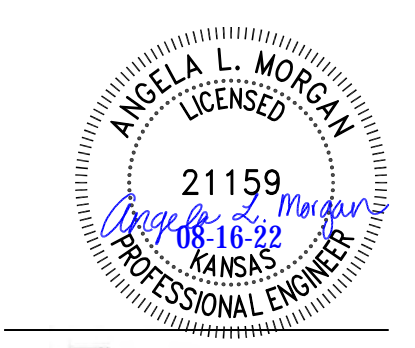


sta.2+64.93 + 15.87 ft

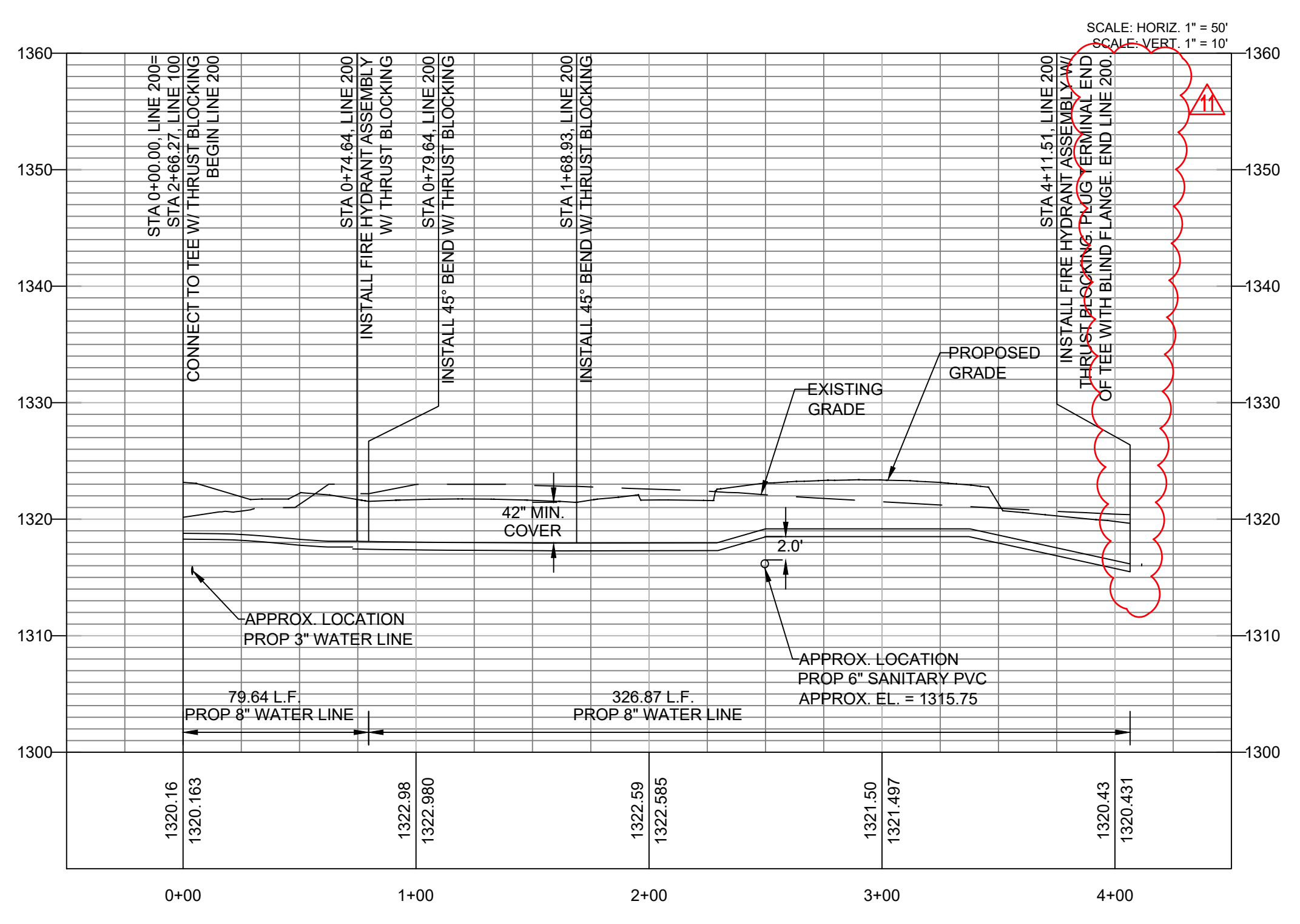
**AS BUILTS**

**KEMILLER ENGINEERING PA**

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



WATER LINE 200



PHILLIPS FUNDAMENTAL LEARNING CENTER

N. 143RD ST E. & CENTRAL AVE  
WICHITA, KANSAS 67230

11	COW COMMENT	8.15.2022
9	COW COMMENT	6.22.2022
4	REVISION #4	3.31.2022
△	DESCRIPTION	DATE
PROJECT NO:	17044.20001	
DATE:	1.7.2022	
STATUS:	FOR BID	
DRAWN BY:	KJS	
CHK'D BY:	LEG	

PLAN AND PROFILE

CU703  
SHEET OF