

February 20,2022

Cherokee Nation Businesses
Cherokee Nation Film Office
Owasso Campus Improvements Phase II
16990 E. 116th Street N. Owasso, Ok
74055



ADDENDUM NUMBER 01

By issuance this addendum is made a part of the bidding documents for the referenced project as though originally included therein. Where a portion of the bidding documents is modified or deleted the unaltered portion of the bidding documents shall remain in effect.

KEI EKEINCE CHANGE

CHANGES TO INFORMATIONAL DOCUMNETS

CHANGES TO CIVIL DRAWINGS (12" Water line Extension)

AD 1.01	1 of 4	Add drawing 1 of 4 to construction documents, dated February 13, 2023.
AD 1.02	2 of 4	Add drawing 2 of 4 to construction documents, dated February 13, 2023.
AD 1.03	3 of 4	Add drawing 3 of 4 to construction documents, dated February 13, 2023.
AD 1.04	4 of 4	Add drawing 4 of 4 to construction documents, dated February 13, 2023.

CHANGES TO CIVIL DRAWINGS (Campus Improvements Phase II)

AD 1.05	C1.1	Delete drawing C1.1 and add in its place on attached Drawing C1.1, dated February 13, 2022.
AD 1.06	C1.4	Delete drawing C1.4 and add in its place on attached Drawing C1.4, dated February 13, 2022.

END OF ADDENDUM

CONSTRUCTION NOTES

- All construction shall be in strict accordance with the Washington County Rural Water District 3 Specifications and in accordance with the details provided in the construction plans and with Washington County Rural Water District 3 Standard Details and Specifications and Standards and DEQ Title 252 Chapters 626 water supply operation, Volume 3 and AWWA and backflow and cross connection manual AWWA.
- 2. The Contractor is responsible for familiarizing himself with each applicable Division and Section of work to include: description, materials, equipment, construction methods, special requirements, methods of measurement, basis of payment, and standard drawings in accordance with the Washington County Rural Water District 3 applicable Standards and Specifications. The Contractor is solely responsible for producing an acceptable end product in substantial conformance with these plans, standards and
- 3. The Contractor is responsible for verifying the location and depth of all Public, Utility and Pipe Lines crossings. Locations of underground Public, utility lines, and pipe lines were obtained from the Public and Utility and Pipe Line Owners, and have been shown to the extent known. The Contractor is specifically cautioned that the locations and elevations of Existing Public, Utilities, and Pipe Lines as shown on these plans have been located as nearly as practicable from information furnished. Utility Owners, from such surface indications as may exist at the construction site and, where possible measurements taken in the field. Such obstructions are shown for the purpose of advising the Contractor that they may interfere with the work to be done thereunder, but not for the purpose of indicating that the work can be performed without such interference. The information is not to be relied on as being exact or complete. The Contractor must call the appropriate Public, Utility, and Pipe Line Owner and "Call OKIE (OKLAHOMA ONE-CALL)" no sooner than ten (10) days nor later than forty-eight (48) hours prior to the start of work to request exact field locations of the Public, Utilities, & Pipe Lines.
- 4. A licensed Surveyor shall stake all points of connection and critical crossings of existing utilities prior to the placement of construction stakes. The Contractor shall expose each point of connection and critical crossing and notify the Engineer so the existing location and elevation can be obtained. The Engineer will then locate the existing location and elevation of each point of connection and critical crossing. Construction staking and construction work shall proceed after the Engineer's evaluation of data, any necessary revisions to contract documents have been completed, approval by the reviewing agency has been obtained, and the notification to proceed has been issued to the Contractor by the Developer. The Contractor shall provide Washington County Rural Water District 3 Inspector and Engineer with survey cut sheets prior to excavation of trench.
- 5. Acceptance of the Contract to construct the proposed improvements is subject to and conditional upon written notice by Developer to Contractor to proceed with construction. The Contractor will be responsible for obtaining the proper forms, completing the forms, submission of the required documents, obtaining the approval/comments of the paper work required to obtain the necessary work orders and permits from the Washington County Rural Water District 3, specifications data submittals, shop drawing submittals and attendance at the pre-work conference and attendance at the final inspection. The Contractor may be required to submit as a minimum the following required documents or information:
- Contractor's Maintenance Bond.
- Insurance requirements per the Washington County Rural Water District 3
- The Engineer and Contractor are required to have a pre-construction meeting with the Washington County Rural Water
- Contractor to submit a document listing Contractor's company name, contact person, addresses and telephone numbers for all Companies that will be contracted to install and construct all public infrastructures. This information is required to be submitted to the Washington County Rural Water District 3 Engineer prior to beginning any infrastructure construction.
- This list of required documents as stated above may not be all inclusive since requirements do change; however it is the responsibility of the Contractor for the submission of the correct documents to the Washington County Rural Water District 3 so the construction project can begin.
- 6. The construction layout surveys shall be performed by a licensed Survey in this State of Oklahoma. The fees or expenses for the necessary construction layout surveys, site consultation and periodic observation shall be the responsibility of the Contractor. The Contractor shall give the Engineer of Record a minimum of forty-eight (48) hours' notice as to the location where construction layout surveys are required. The Engineer shall provide the survey, or with an electronic file of the Water Line Plans.
- 7. All excavation material in excess used for backfill shall be disposed of offsite by the Contractor in a manner acceptable to the Developer without cost to the Developer.
- 8. Where materials are transported in the prosecution of the work, vehicles shall not be loaded beyond the loading capacity recommended by the Manufacturer of the vehicle or prescribed by any Federal, State, Local Law or Regulation. Where it is necessary to cross existing roads, protection against damage shall be provided by the Contractor and any damage to roads shall be repaired by and at the cost of the Contractor.
- 9. The Contractor shall comply with all applicable Federal, State, and Local Laws governing safety, health and sanitation. The Contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions on his own responsibility or as the Engineer may determine reasonably necessary to protect property in connection with the performance of the work covered by the contract.
- 10. Traffic Control: The Contractor shall install, maintain, and operate complete, adequate and safe traffic control during the entire construction period. The Contractor shall place traffic control Flagmen, barricades, and other devices within the vicinity of the
- 11. Physical Testing for Quality Assurance as required will be the responsibility of the Contractor. The Contractor shall pay for any
- 12. Contractor shall repair at his own expense any utility service lines damaged. All repairs to be completed by a licensed Plumber.
- 13. Contractor shall submit three (3) sets of water line material submittals to Washington County Rural Water District 3 for review. Final approval to be made by Washington County Rural Water District 3 Engineer with one (1) copy to be returned to the Developer with comments or approval. The following shall be submitted for the projects:
- Product brochures showing performance data, physical characteristics and dimensional layouts for piping, fittings, valves, hydrants, pumps and other components of the proposed water line system(s) and related components.
- Manufacture's Certificate of Compliance certifying compliance with the applicable specifications and standards.
- Certified copies of test reports of factory tests required by the applicable standards.
- 14. Water service, which include the tap and service line, are to be installed per Washington County Rural Water District 3 Specifications.
- 15. Physical testing for quality assurance including but not limited to: Water pressure testing and disinfection of water mains as required shall be the responsibility of the Contractor. Pressure/leakage testing per AWWA-C-601 and disinfection per AWWA-C-651. The Contractor shall pay for any failed tests. All materials, construction, and leakage testing shall conform to the Washington County Rural Water District 3 Details and Specifications. All new, cleaned or repaired potable water mains shall be disinfected in accordance with the Department's rules for public water supply operation, OAC 252:630. Water with 50 to 100 part per million of chlorine shall be allowed to stand 24 hours and develop a residual of at least 10 parts per million of chlorine. The spent solution should be drained and replaced with potable.
- 16. OAC 252:626-19-1(c), which states, "All materials, including piping, fittings, valves, fire hydrants, gaskets, packing and all other joint materials shall meet the latest specifications issued by the AWWA, ASTM, ANSI, NSF, or the federal government."
- 17. OAC 252:626-19-2(b), which states, "Provide continuous and uniform bedding in the trench for all buried pipe. Tamp backfill material in layers around the pipe and to a sufficient height above the pipe to adequately support and protect the pipe. Remove all stones found in the trench to depth of at least 6 inches below bottom of the pipe."
- 18. OAC 252:626-19-2(c), which requires all water mains to be provided with at lest 30 inches of cover.

sewer line of water line pipe and pressure test it to assure water tightness.

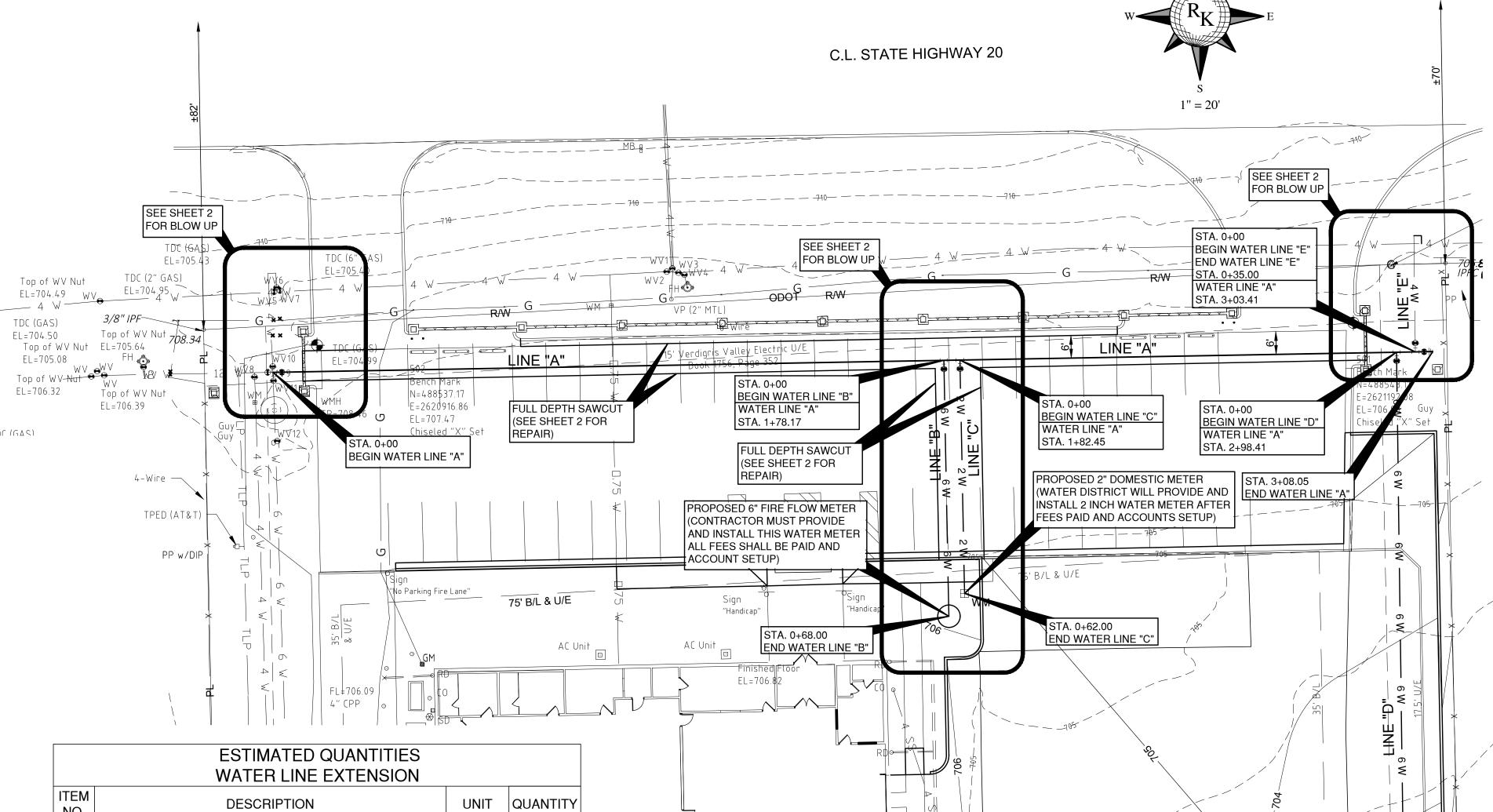
- 19 OAC 252:626-19-2(d), which states, "Provide reaction blocking, tie rods, or joints designed to prevent movement at all tees, bends, plugs and hydrants to prevent movement of the pipe."
- 20 OAC 252:626-19-(h), The following minimum separation distances, measured edge to edge, between water lines and other buried utilities, should such utilities be encountered during construction:
- 10-feet horizontally from sewer lines.
- 2-feet vertically for crossings from sewer lines with the full length of sewer pipe arranged so that its joints will be equal
- 2-feet vertically for crossings from any existing or proposed storm sewers, raw water lines, petroleum product lines,
- natural gas lines, and other buried utilities. 5-feet horizontally from existing or proposed storm sewers, raw water lines, petroleum product lines, natural gas lines, and other buried utility lines.
- Locate cast iron water lines at least 10-feet from any gasoline storage tanks and PVC water lines at least 50-feet horizontally from any gasoline storage tanks and lines.
- 15-feet from all parts of septic tanks, absorption fields, or other sewage treatment and disposal systems. When it is impossible to obtain such horizontal or vertical separation between the water and sewer lines, construct the
- 21. OAC 252:626-19-2(j), which states, "Install metal tracer wire on all non-ferrous piping used for public water supply mains."

22. 3-Way Fire Hydrants on Rural Water System shall be painted Red.

SCALONE ACRES

12" WATER LINE EXTENSION PHASE II FOR FILM STUDIO B

SECTION 11, T-21-N, R-14-E, ROGERS COUNTY, OKLAHOMA CNB 16990 EAST HIGHWAY 20



ITEM NO.	DESCRIPTION		UNIT	QUANTITY
1	EXCAVATION & BACKFILL	(4)	L.S.	1
2	12" PVC SDR 21		L.F.	308
3	6" PVC SDR 21		L.F.	236
4	4" PVC SDR 21		L.F.	35
5	8" PVC CASING		L.F.	5
6	12" DIP SPOOL (3' LONG) W/ MEGALUG RESTRAINTS		EA.	2
7	4" DIP SPOOL (5' LONG) W/ MEGALUG RESTRAINTS		EA.	1
8	12" GATE VALVE (FLG x FLG) TO EAST		EA.	2
9	6" GATE VALVE (FLG x FLG)		EA.	2
10	4" GATE VALVE (FLG x MJ)		EA.	3
11	4" TEE (FLG x FLG)	(1)	EA.	1
12	4" SOLID SLEEVE		EA.	1
13	VALVE BOXES (INCLUDING ANY VALVE BOX EXTENSIONS)		EA.	9
14	4" SWIVEL ADAPTER		EA.	1
15	12"x12"x12"x12" CROSS (FLGxFLGxFLG)	(1)	EA.	1
16	12"x12"x6" TEE (FLGxFLGxFLG)		EA.	3
17	12"x4" REDUCER (FLGD)		EA.	1
18	12" 45° BENDS (FLGD)		EA.	4
19	12" 45° BENDS (MJ)		EA.	4
20	4" 90° BENDS (MJ)		EA.	2
21	2" DOMESTIC METER AND SERVICE MATERIALS	(3)	EA.	1
22	6" FIRE FLOW METER & VAULT	(2)	EA.	1
23	PRESSURE TESTING & DISINFECTION		L.S.	1
24	CONSTRUCTION STAKING		L.S.	1

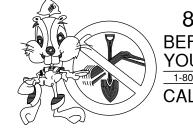
(1) ALL BENDS AND TEES SHALL HAVE MIDCO PERMA GRIP RESTRAINT JOINT

(2) TO BE PROVIDED AND INSTALLED BY CONTRACTOR.

REVISIONS

- (3) WATER DISTRICT WILL PROVIDE AND INSTALL 2" WATER METER AFTER FEES PAID AND ACCOUNT SETUP. CONTRACTOR SHALL INSTALL 2" HDPE PIPE DR 11, 200 PSI AND ALL CONNECTIONS TO 12" PIPE PER "2" HDPE WATER LINE TRANSITION DETAILS" STANDARD.
- (4) REMOVAL & RECONSTRUCTION OF CONCRETE DRIVEWAY, PARKING LOT AND CURB & GUTTER (SEE ARCHITECTURAL SET).

DATE



PROFESS/ON

RICHARD

KOSMAN

11234

APPROVED

LOCATIONS OF UNDERGROUND UTILITIES WERE OBTAINED FROM THE UTILITY OWNERS. BEFORE DOING ANY WORK WITH HEAVY EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE UTILITY OWNERS OR "CALL OKIE $\bar{}$ (OKLAHOMA ONE-CALL)" NOT LESS THAN 48 HOURS IN CALL OKIE ADVANCE AND SHALL ESTABLISH THE EXACT LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES.

RICHARD L. KOSMAN, PE.

& ASSOCIATES PLC

CIVIL ENGINEERING

4815 South Harvard Ave. Ste. 290

Email: rkosman@sbcglobal.net

Certificate of Authority No. 4831

Tulsa, OK. 74135

Phone: 918(277-4784)

Expires June 30, 2022

WATER DISTRICT

Aerobic Sprinkler Valve

Rural Water District No. 3 Washington County 17227 North 129th East Ave. Collinsville, OK 74021 Phone: (918) 371-2055

> THESE PLANS AND DRAWINGS MAY NOT BE REPRODUCED, CHANGED OR COPIED, IN ANY WAY UNLESS FIRST OBTAINING THE EXPRESS WRITTEN CONSENT OF RK & ASSOCIATES, NOR SHALL THEY BE ASSIGNED TO ANY THIRD PARTY UNLESS SAID WRITTEN CONSENT IS FIRST OBTAINED. ANY CHANGES MADE TO THESE PLANS WITHOUT THE CONSENT OF RK & ASSOCIATES SHALL RELIEVE RK & ASSOCIATES OF RESPONSIBILITY FOR ANY CONSEQUENCES RESULTING FROM SUCH CHANGES

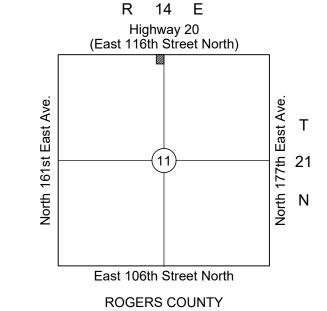
SEE SHEET 2

FOR BLOW U

STA. 1+68.00

END WATER LINE

1 - 90° BEND



Location Map

Sheet Index

PROJECT LOCATION

Cover Sheet / Notes / Quantities Plan Blowups Water Line Profiles & Details

Water Line Standards

EXISTING LEGEND

----- Contour major (every 5 feet)

----- Contour minor (every 1 foot)

- OH ----- - EXISTING OVERHEAD ELECTRIC LINE —— - EXISTING AT&T FIBER

- EXISTING TREES

- EXISTING ROAD (NORTH LYNN LANE) — ×——— — EXISTING FENCE LINE

PROPOSED LEGEND

— PROPOSED 12" WATER LINE PROPOSED WATER VALVE

- PROPOSED 6" FIRE FLOW METER

- PROPOSED 2" DOMESTIC METER

BASIS OF BEARINGS

State Plane Coordinates NAVD 1988

SURVEYOR

Native Plains Surveying & Mapping, LLC 5807 South Garnett Road, Suite K

Tulsa, OK 74146 Certificate of Authorization No. 4916 Expires June 30, 2021

ENGINEER

RK & Associates, PLC 4815 South Harvard Ave. Ste. 290 Tulsa, Oklahoma 74135 Phone: (918) 277-4784 e-mail: rkosman@sbcglobal.net Certificate of Authorization No. 4831 Expires June 30, 2021

DEVELOPER

Cherokee Nation Business Real Estate

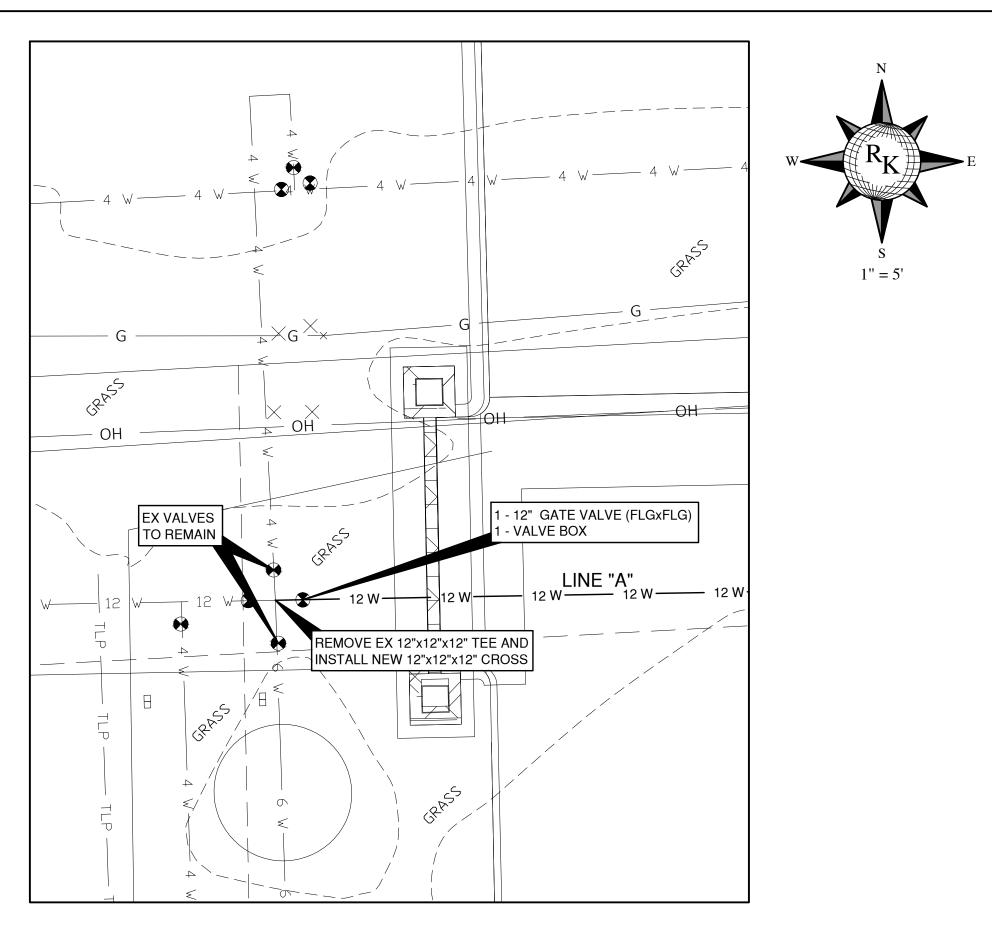
777 West Cherokee Street Catoosa, OK 74015 Attn: Brian Hunt Phone: (918) 442-2291 e-mail: brian.hunt@cn-bus.com

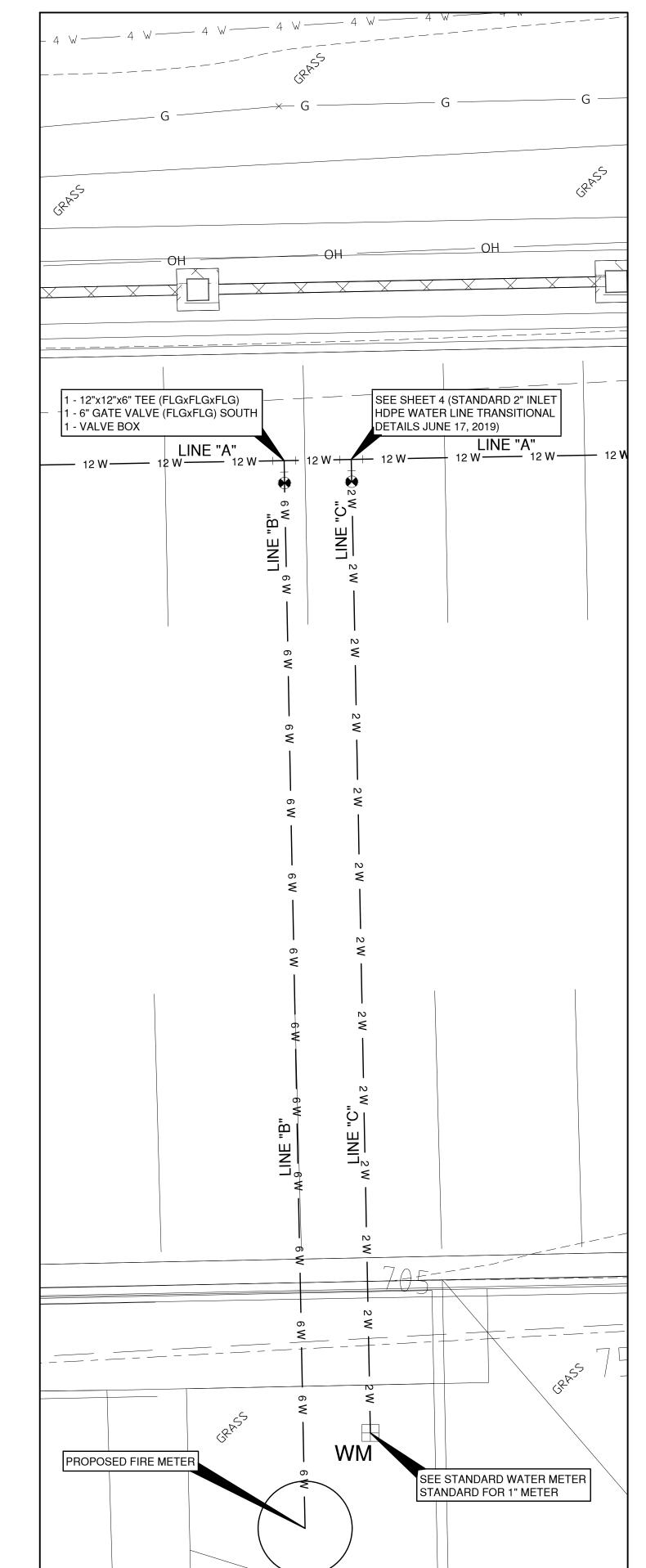
COVER SHEET

CNB - 12" WL EXTENSION FOR STUDIO B 16990 EAST HIGHWAY 20

SHEET 1 OF 4

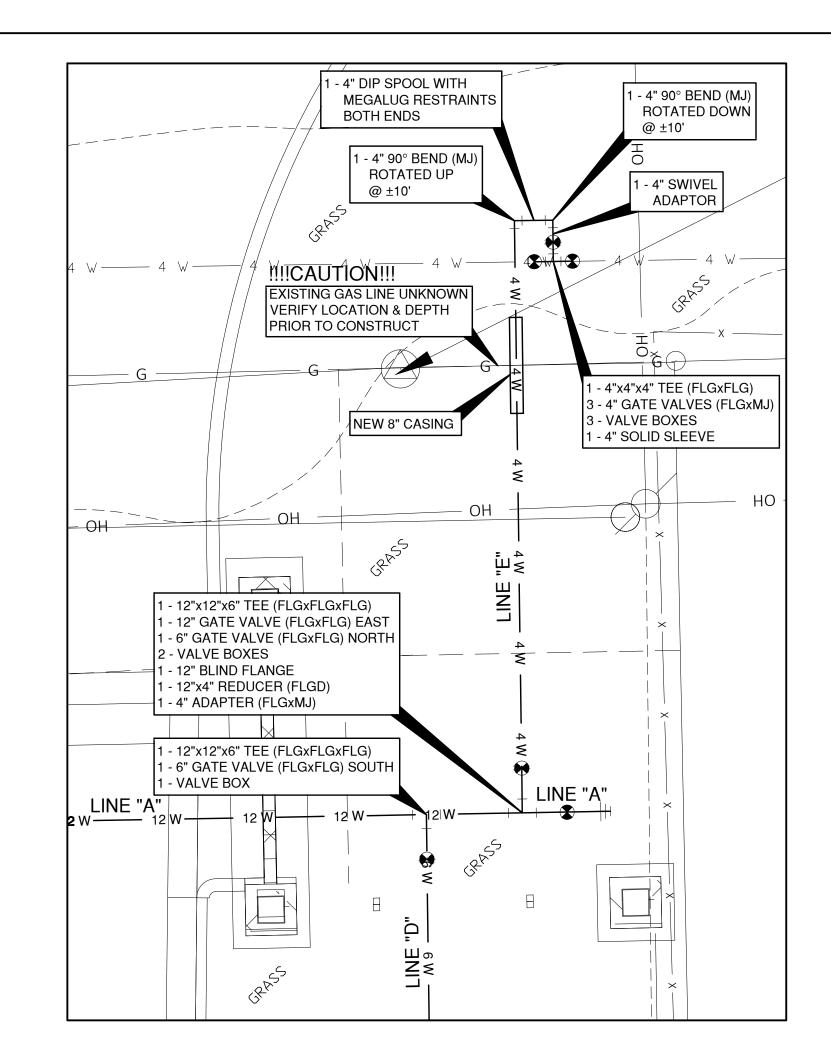
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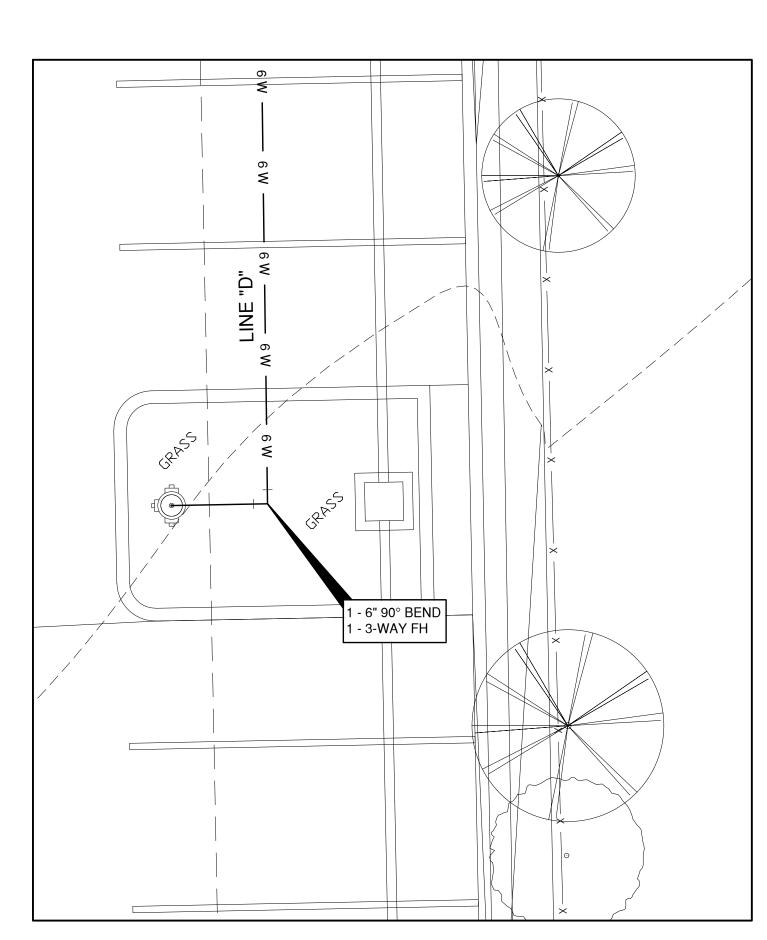


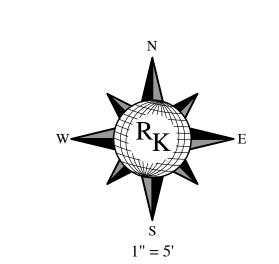


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DATE





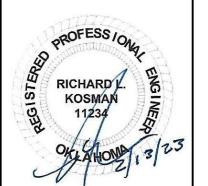


1'' = 5'

OWNER:

REVISIONS

LOCATIONS OF UNDERGROUND UTILITIES WERE
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& ASSOCIATES PLC

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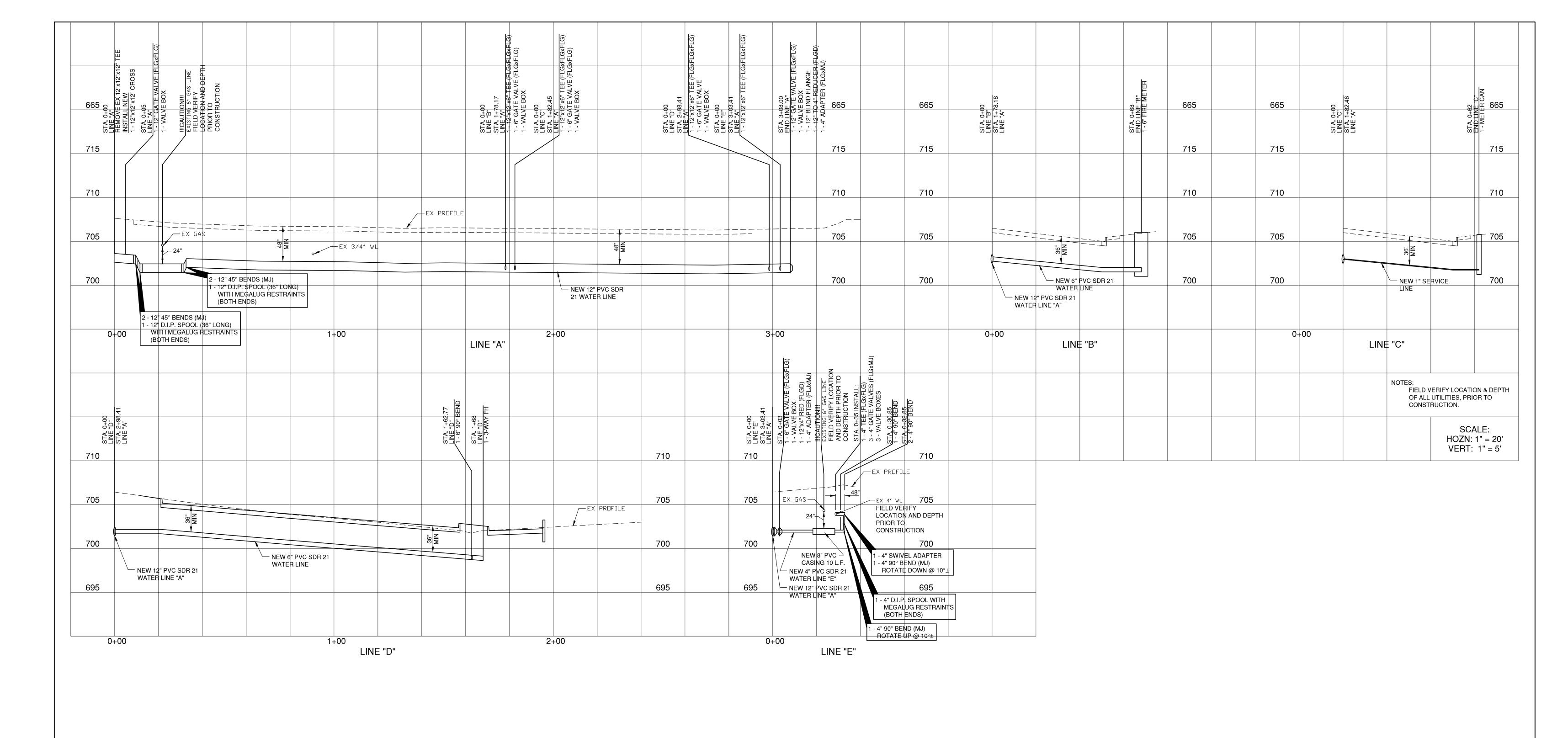
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CONSEQUENCES RESULTING FROM SUCH CHANGES.

PLAN BLOWUPS

CNB - 12" WL EXTENSION FOR STUDIO B 16990 EAST HIGHWAY 20

HEET 2 OF 4	01222	DATE: 02/13/2023



UTILITY CONTACTS

NAME	COMPANY	PHONE NO	CELL NO	EMAIL ADDRESS	ADDRESS
Jerry Gammill District Manager	Washington County RWD #3	(918) 371-2055	(918) 697-8655	admin@rwd3washco.com	17227 North 129th East Ave. Collinsville, OK 74021
Keith Delozier	Verdigris Valley Electric		(918) 371-2584	kdelozier@vvec.com	P.O. Box 219 Collinsville, OK 74021
	ONG				
	ATT				

OWNER:	REVISIONS	DATE	APPROVED
811 BEFORE YOU DIG 1-800-522-6543 CALL OKIE LOCATIONS OF UNDERGROUND UTILITIES WERE OBTAINED FROM THE UTILITY OWNERS. BEFORE DOING ANY WORK WITH HEAVY EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE UTILITY OWNERS OR "CALL OKIE (OKLAHOMA ONE-CALL)" NOT LESS THAN 48 HOURS IN ADVANCE AND SHALL ESTABLISH THE EXACT LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES.			





RICHARD L. KOSMAN, PE. & ASSOCIATES PLC CIVIL ENGINEERING 4815 South Harvard Ave. Ste. 290 Tulsa, OK. 74135 Phone: 918(277-4784) Email: rkosman@sbcglobal.net Certificate of Authority No. 4831 ASSOCIATES OF RESPONSIBILITY FOR ANY

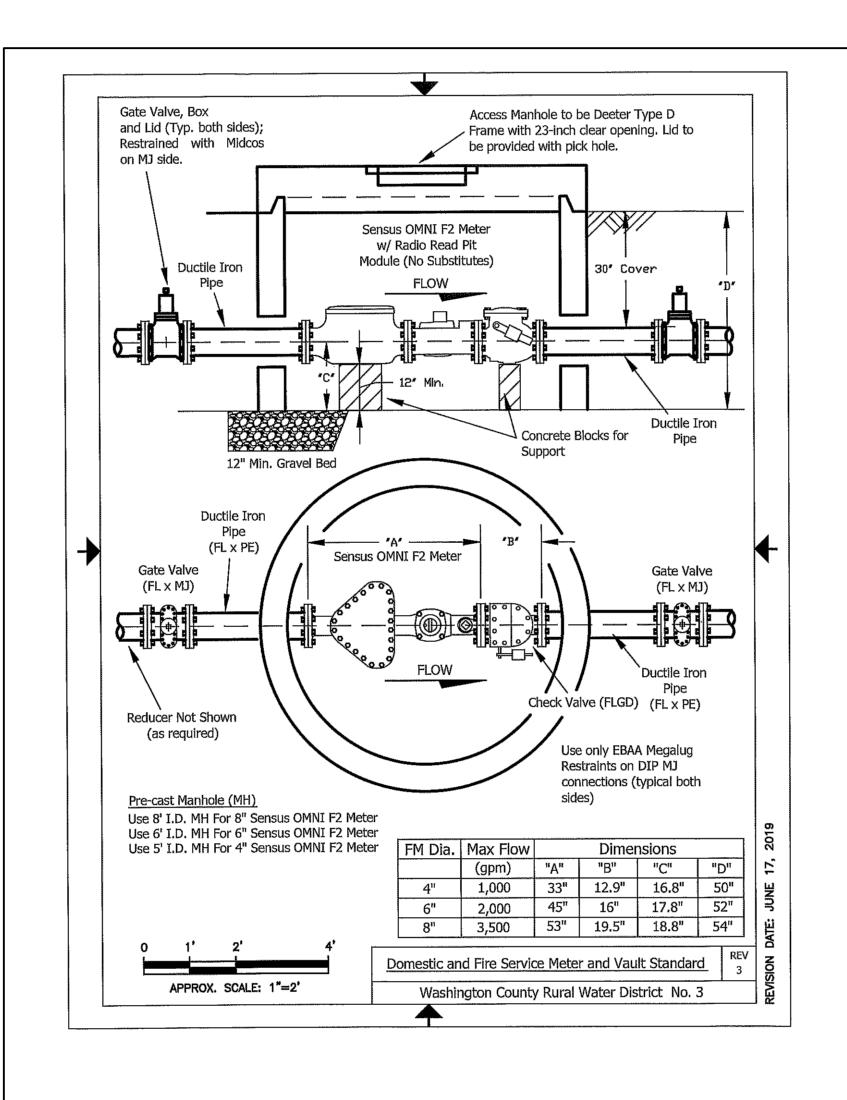
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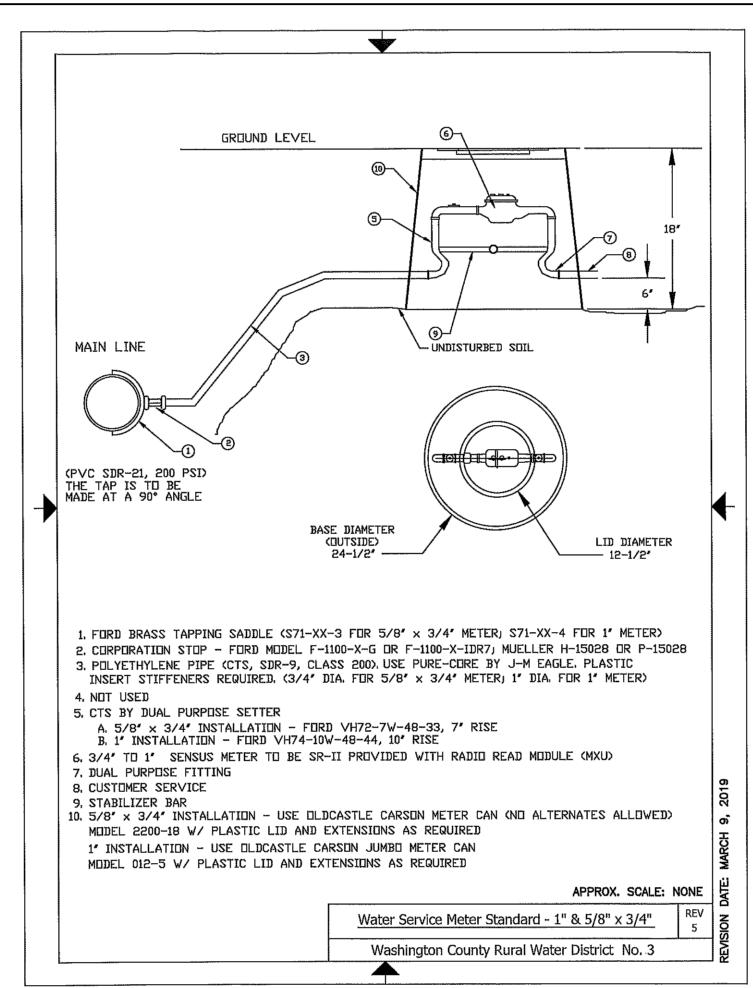
CONSEQUENCES RESULTING FROM SUCH CHANGES.

WATER LINE PROFILES & DETAILS

CNB - 12" WL EXTENSION FOR STUDIO B 16990 EAST HIGHWAY 20

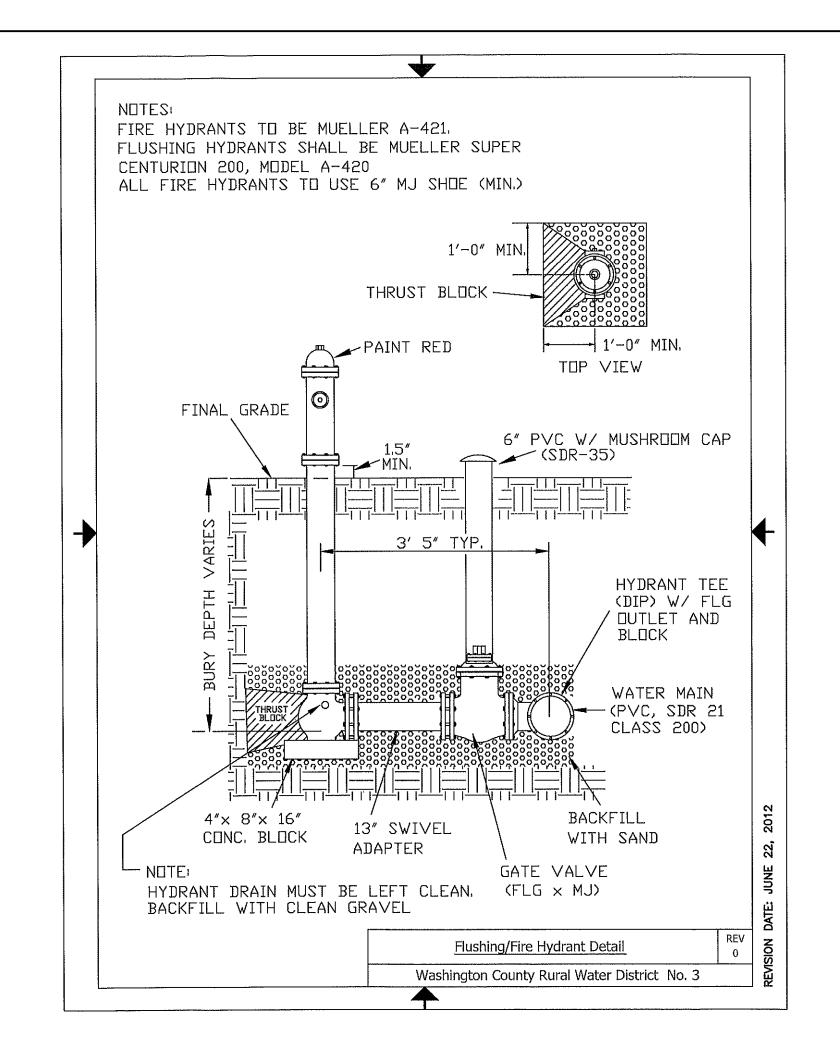
SHEET 3 OF 4 01222 DATE: 02/13/2023

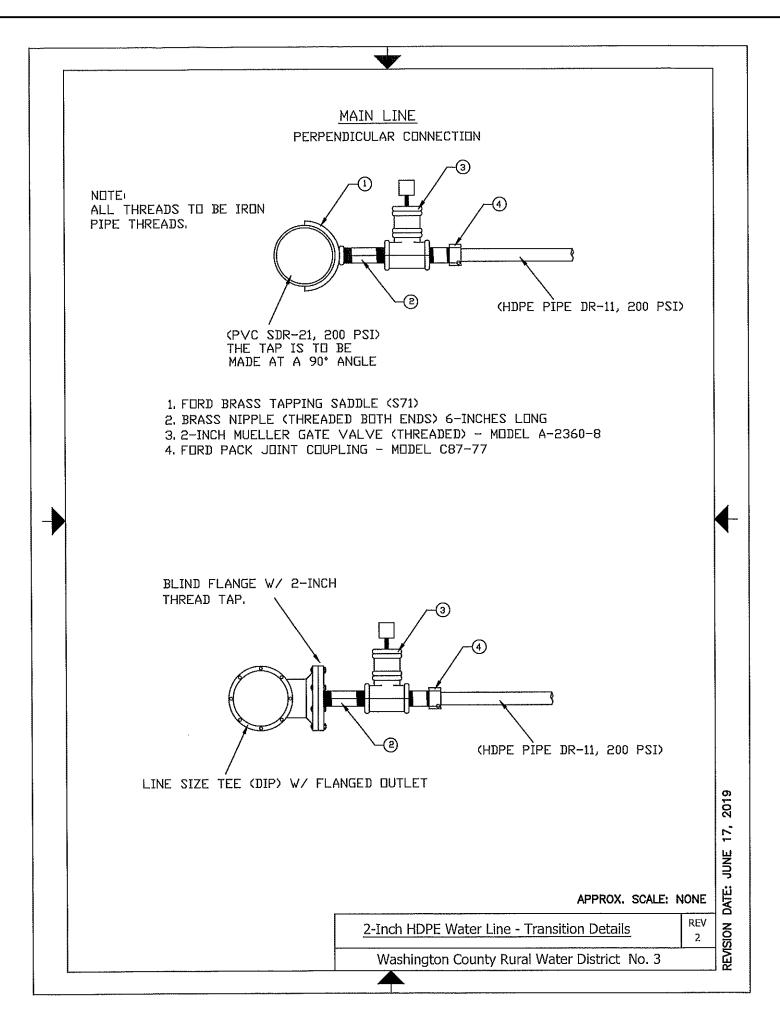


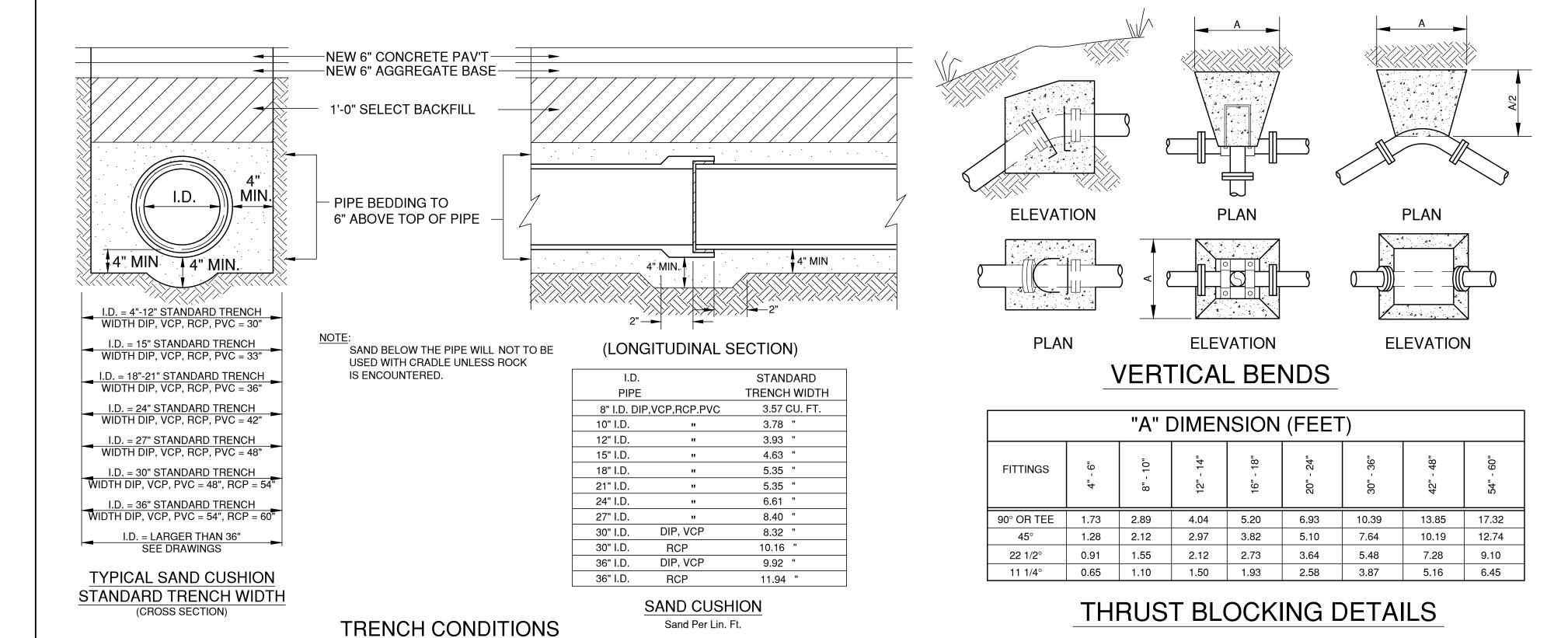


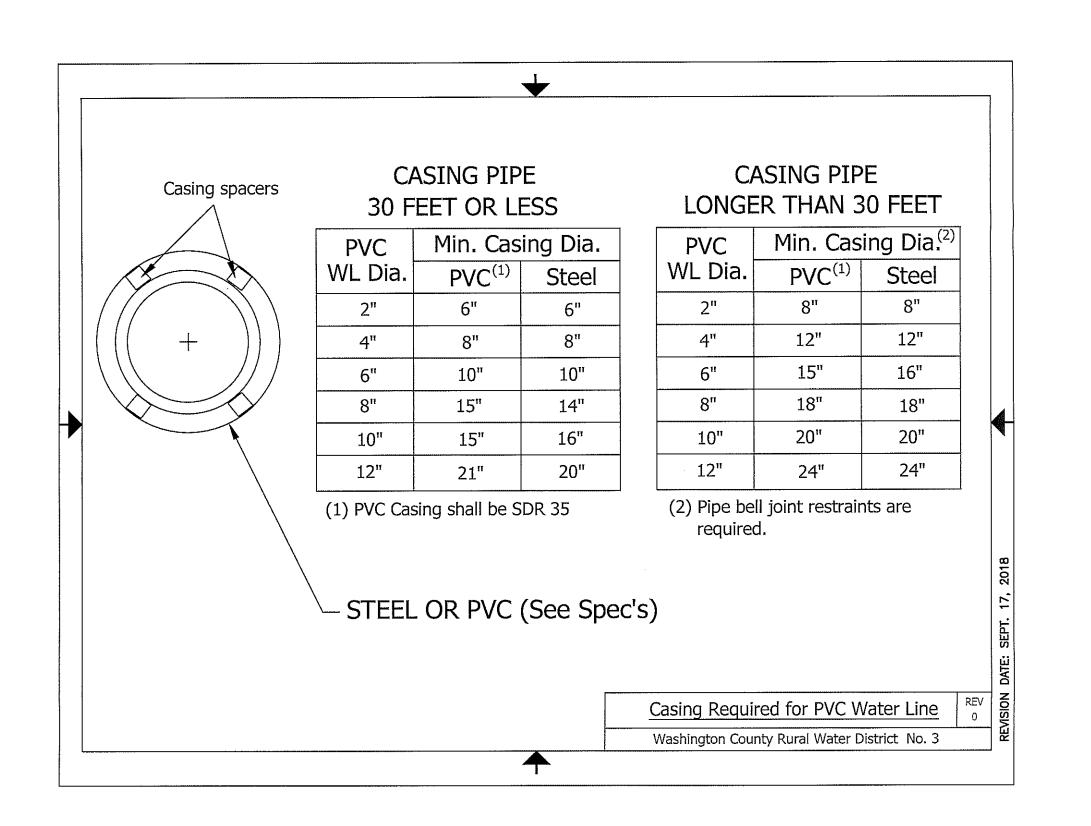
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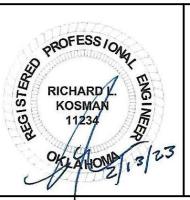




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Not To Scale





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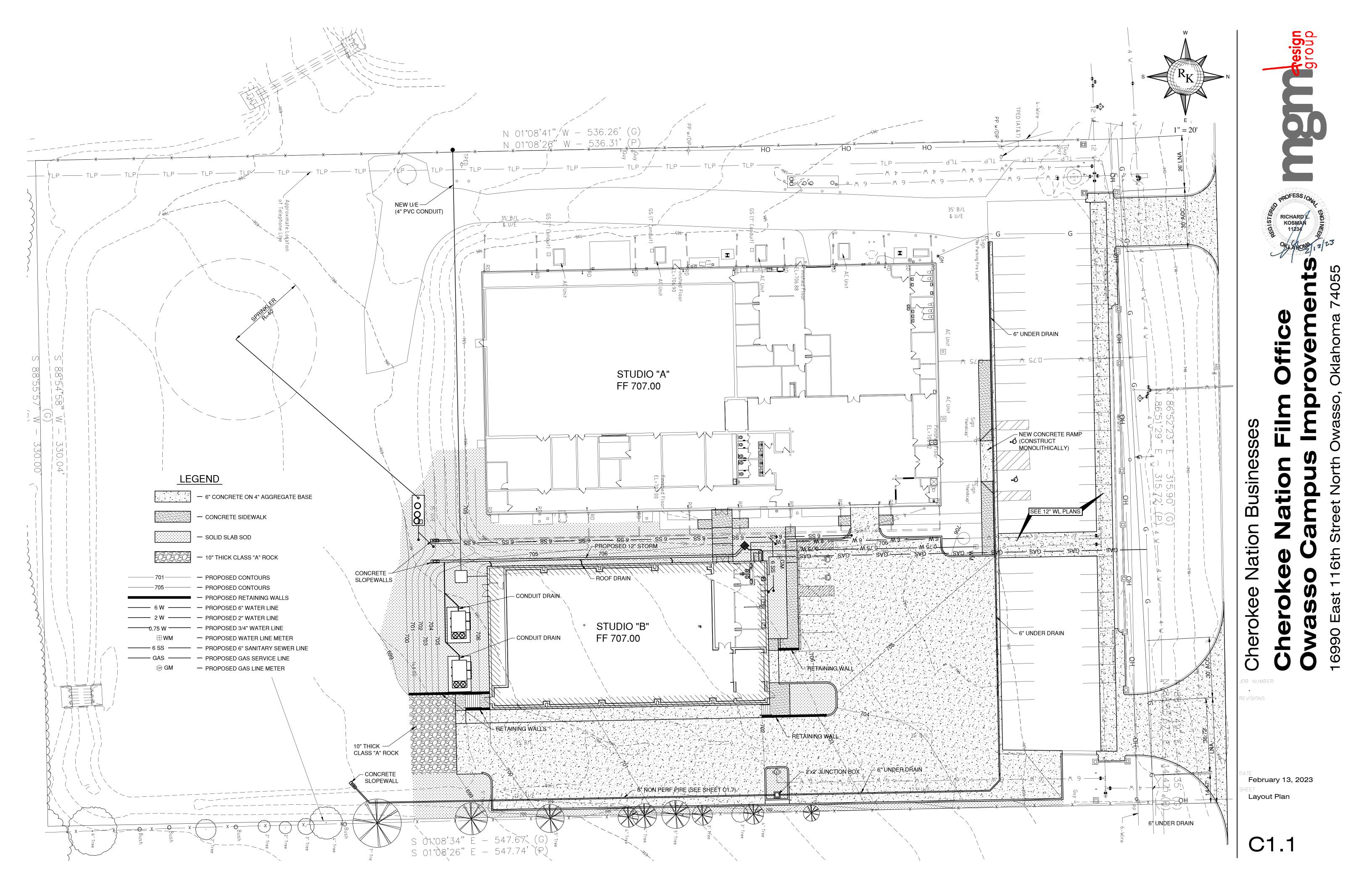
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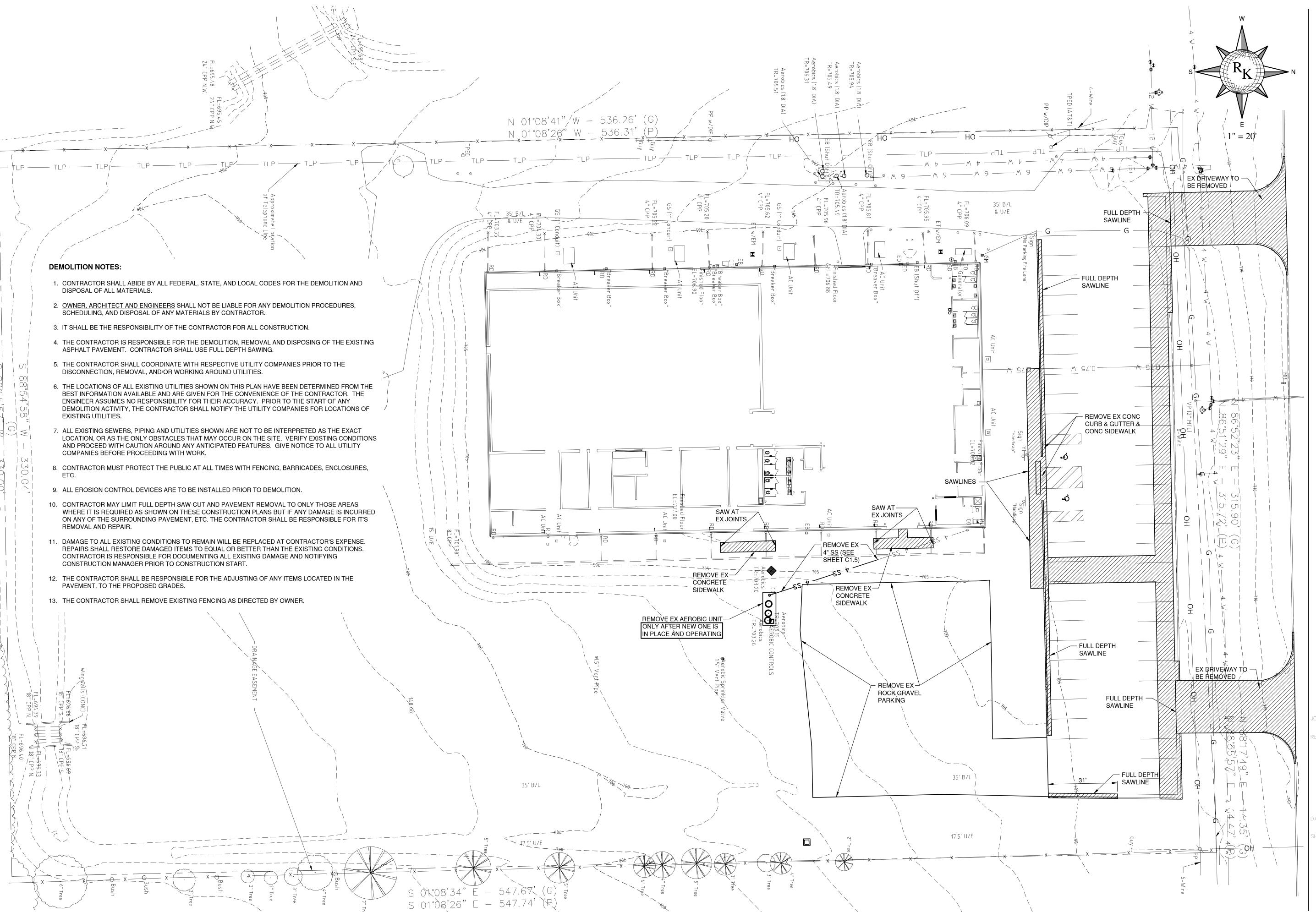
CONSEQUENCES RESULTING FROM SUCH CHANGES

WATER LINE STANDARDS

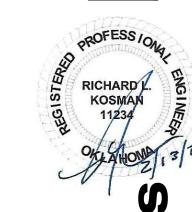
CNB - 12" WL EXTENSION FOR STUDIO B 16990 EAST HIGHWAY 20

SHEET 4 OF 4 01222 DATE: 02/13/2023









 \Box OB NUMBER

> February 13, 2023 Demolition Plan