# **AIA** Document G710<sup>°</sup> – 2017

## Architect's Supplemental Instructions

| <b>PROJECT</b> : (name and address)<br>Wilma P Mankiller Expansion<br>Stilwell, OK | CONTRACT INFORMATION:<br>Contract For: General Construction   | ASI INFORMATION:<br>ASI Number: Bid Package 02 ASI 07  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
|  | Date:   | Date: 09-02-20   |  |  |  |  |  |
| <b>OWNER:</b> (name and address)<br>Cherokee Nation Property Management,<br>LLC    | ARCHITECT: (name and address)<br>James R. Childers Architect, Inc.<br>45 South 4th Street<br>Fort Smith, AR 72901 | <b>CONTRACTOR:</b> (name and address)<br>M. Ross, Inc. |  |  |  |  |  |

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.

(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

See attached narrative for description of changes.

## **ISSUED BY THE ARCHITECT:**

James R. Childers Architect, Inc. ARCHITECT (Firm name)

A.Breel Child

J. Breck Childers, Managing Principal PRINTED NAME AND TITLE

09-02-20 DATE

## <u>Construction Documents – ASI 07 – Wilma P. Mankiller Health Center</u> <u>Expansion</u>

## **CIVIL DRAWINGS:**

## <u>C003</u>

1. Added the Grading abbreviations to add top of wall elevation.

## <u>CP101</u>

1. Modified curb and sidewalk near wall (East side)

## <u>CG103</u>

1. Added top of wall elevations on main wall to note the change, added points on the sidewalk next to wall

## <u>CG304</u>

1. Raised the top of wall elevation on profile alignment 5

## <u>CG500</u>

1. Modified wall details to show that wall nearest to the parking lot has 18 " height and all others still have 12"

# WILMA P. MANKILLER HEALTH CENTER EXPANSION

|                  | INDEX OF DRAWINGS - BID PACK                                   | ίAG                       | E (                                     | 02                                      |                                    |                                    |                                    |                                    |                  |
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| GENERAL<br>G0.02 | COVER / INDEX  |                           |   |   |                                    |                                    |                                    |                                    | A6.11<br>A6.20   |
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| CI102            | ENLARGED PROPOSED SITE PLAN                                    |                           | -                                       |   |                                    |                                    |                                    |                                    | A7.14            |
| CP100<br>CP101   | ENLARGED PAVING PLAN   |                           |   |   |                                    |                                    |                                    |                                    | A8.02            |
| CP102            | ENLARGED PAVING PLAN   |                           | -                                       |   |                                    |                                    |                                    |                                    | A8.03            |
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# BID PACKAGE 02

# (CIVIL / ARCHITECTURAL / STRUCTURAL / MEP)

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| EET NUMBER | SHEET NAME   | 12-06-19 - BID PACKAGE 02 | 01-06-20 - BID PACKAGE 02 - ADDENDUM 0 | 02-18-20 - BID PACKAGE 02 - ADDENDUM 0 | 03-30-20 - BID PACKAGE 02 - ASI 03 | 06-05-20 - BID PACKAGE 02 - ASI 04 | 08-14-20 - BID PACKAGE 02 - ASI 06 | 09-02-20 - BID PACKAGE 02 - ASI 07 |
| .06        | MECH ZONING PLAN LEVEL 02  |                           |  |  |                                    |                                    |                                    |                                    |
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| .03        | OVERALL MECH ROOF PLAN   |                           |  |  |                                    |                                    |                                    |                                    |
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| .02        | MECH PLAN LEVEL 01 SECTOR 02   |                           |  |  |                                    |                                    |                                    |                                    |
| .03        | MECH PLAN LEVEL 02 SECTOR 01   |                           |  |  |                                    |                                    |                                    |                                    |
| .04        | MECH PLAN LEVEL 02 SECTOR 02   |                           |  |  |                                    | _                                  |                                    |                                    |
| .05        | ENLARGED MECH. ROOM HVAC PLAN  |                           |  |  |                                    |                                    |                                    |                                    |
| .01        | UVERALL MECH CEILING PLAN LEVEL 01                                   |                           |  |  |                                    |                                    |                                    |                                    |
| .02<br>03  |  |                           |  |  |                                    |                                    |                                    |                                    |
| .03        | OVERALL MECH CEILING PLAN LEVEL 02                                   |                           |  |  |                                    |                                    |                                    |                                    |
| .05        | MECH CEILING PLAN LEVEL 02 SECTOR 01                                 |                           |  |  |                                    |                                    |                                    |                                    |
| .06        | MECH CEILING PLAN LEVEL 02 SECTOR 02                                 |                           |  |  |                                    |                                    |                                    |                                    |
| .01        | MECH YARD HYD PLAN   |                           |  |  |                                    |                                    |                                    |                                    |
| .02        | MECH YARD UG HYD PLAN  |                           |  |  |                                    |                                    |                                    |                                    |
| .03        | OVERALL MECH HYD PLAN LEVEL 01                                       |                           |  |  |                                    |                                    |                                    |                                    |
| 05         | MECH HYD PLAN LEVEL 01 SECTOR 01                                     |                           |  |  |                                    |                                    |                                    |                                    |
| .06        | OVERALL MECH HYD PLAN LEVEL 02                                       |                           |  |  |                                    |                                    |                                    |                                    |
| .07        | MECH HYD PLAN LEVEL 02 SECTOR 01                                     |                           |  |  |                                    |                                    |                                    |                                    |
| .08        | MECH HYD PLAN LEVEL 02 SECTOR 02                                     |                           |  |  |                                    |                                    |                                    |                                    |
| .09        | OVERALL MECH HYD ROOF PLAN   |                           |  |  |                                    |                                    |                                    |                                    |
| .10        |  |                           |  |  |                                    |                                    |                                    |                                    |
| 01         | MECHANICAL CONTROLS  |                           |  |  |                                    |                                    |                                    |                                    |
| .02        | MECHANICAL CONTROLS  |                           |  |  |                                    |                                    |                                    |                                    |
| .03        | MECHANICAL CONTROLS  |                           |  |  |                                    |                                    |                                    |                                    |
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| 17         | MECH POWER PLAN LEVEL 02 SECTOR 02                                   |                           |  |  |                                    |                                    |                                    |                                    |
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| 20         | SYSTEMS PLAN LEVEL 01 SECTOR 01                                      |                           |  |  |                                    |                                    |                                    |                                    |
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| 01         | ZONING PLAN LEVEL 01 SECTOR 01                                       |                           |  |  |                                    |                                    |                                    |                                    |
| 02         | ZONING PLAN LEVEL 01 SECTOR 02                                       |                           |  |  |                                    |                                    |                                    | -+                                 |
| 03         | ZONING PLAN LEVEL 02 SECTOR 01                                       |                           |  |  |                                    |                                    |                                    |                                    |
| 04         | ZONING PLAN LEVEL 02 SECTOR 02                                       |                           | _                                      |  |                                    |                                    |                                    |                                    |
| 05         |  |                           |  |  |                                    |                                    |                                    |                                    |
| 00         |  |                           |  |  |                                    |                                    |                                    |                                    |
| 08         | SOUTH SECTOR 1 ENLARGED LIGHTING PLAN                                |                           |  |  |                                    |                                    |                                    | —                                  |
| 09         | NORTH SECTOR 2 ENLARGED LIGHTING PLAN                                | Í                         |  |  |                                    |                                    |                                    |                                    |
| 10         | CENTER SECTOR 2 ENLARGED LIGHTING PLAN                               |                           |  |  |                                    |                                    |                                    |                                    |
| 11         | NORTH SECTOR 1 LEVEL 02 ENLARGED LIGHTING PLAN                       |                           |  |  | ]                                  | ]                                  | ]                                  |                                    |
| 12         | SUUTH SECTOR 1 LEVEL 02 ENLARGED LIGHTING PLAN                       |                           |  |  |                                    |                                    |                                    |                                    |
| 13<br>01   | EIGHTING FLAN LEVEL 02 SECTOR 02                                     |                           |  |  |                                    |                                    |                                    |                                    |
| 02         | PANEL SCHEDULES  |                           |  |  |                                    |                                    |                                    | +                                  |
| 03         | PANEL SCHEDULES  |                           |  |  |                                    |                                    |                                    |                                    |
| 04         | PANEL SCHEDULES  |                           |  |  |                                    |                                    |                                    |                                    |
| 05         | ELECTRICAL DETAILS   |                           |  |  |                                    |                                    |                                    |                                    |



1836 SOUTH BALTIMORE AVE. TULSA, OK 74119 (539) 664-4618

MECHANICAL / ELECTRICAL / PLUMBING ENGINEER



(580) 931-9045



4700 LINCOLN ROAD NE, SUITE 102 ALBUQUERQUE, NM 87109 (505) 344-4080

STRUCTURAL ENGINEER



808 TRAVIS STREET, SUITE 200 HOUSTON, TX 77002 (281) 589-5900

FIRE PROTECTION / LIFE SAFETY

CIVIL ENGINEER

|                  | INDEX OF DRAWINGS - BID PACK      | ΆG                       | E (                                     | )2                                      |                                    |                                    |                                    |                                    |
|------------------|-----------------------------------|--------------------------|---|---|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| SHEET NUMBER     | SHEET NAME                        | 2-06-19 - BID PACKAGE 02 | 01-06-20 - BID PACKAGE 02 - ADDENDUM 01 | 02-18-20 - BID PACKAGE 02 - ADDENDUM 04 | )3-30-20 - BID PACKAGE 02 - ASI 03 | )6-05-20 - BID PACKAGE 02 - ASI 04 | )8-14-20 - BID PACKAGE 02 - ASI 06 | 09-02-20 - BID PACKAGE 02 - ASI 07 |
|                  |                                   |                          |   |   |                                    |                                    |                                    |                                    |
|                  |                                   |                          |   |   |                                    |                                    |                                    |                                    |
| EQ1.11           | EQUIPMENT PLAN LEVEL 01 SECTOR 01 |                          |   |   |                                    |                                    |                                    |                                    |
| EQ1.12           | EQUIPMENT PLAN LEVEL 01 SECTOR 02 |                          |   |   |                                    |                                    |                                    |                                    |
| EQ1.21           | EQUIPMENT PLAN LEVEL 02 SECTOR 01 |                          |   |   |                                    |                                    |                                    |                                    |
| Grand total: 226 |                                   |                          |   |   |                                    |                                    |                                    |                                    |





EQUIPMENT PLANNER

(918) 382-9120



GENERAL NOTES

- THE CONTRACTOR SHALL HAVE EXISTING UTILITIES LOCATED PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CALL "OKIE" 1-800-522-6543 IN ADDITION TO DIRECT NOTIFICATION. CONTRACTOR SHALL BRACE UTILITY POLES AS NECESSARY. UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED TO THE UTILITY OWNER'S SPECIFICATIONS BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL ESTABLISH, INSTALL, OPERATE, AND MAINTAIN COMPLETE AND ADEQUATE AND SAFE TRAFFIC CONTROLS DURING THE ENTIRE CONSTRUCTION PERIOD. ALL TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE ENGINEER.
- 3. ALL DIMENSIONS OR ELEVATIONS WITH ± SHALL BE CONFIRMED BY THE CONTRACTOR.
- 4. ALL DIMENSIONS OF EXISTING STRUCTURES AND EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER & OWNER.
- TOPSOIL IN THE DISTURBED AREAS SHALL BE REMOVED, STOCKPILED, AND RESTORED AFTER CONSTRUCTION OPERATIONS, IN 5. ACCORDANCE WITH PROJECT SPECIFICATIONS. ALL EXCESS TOPSOIL SHALL BE CONSIDERED WASTE AND STOCKPILED ON-SITE BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.
- 6. ALL DISTURBED ROADWAY AND DRIVEWAY SURFACES SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITION.
- 7. FALL PROTECTION AROUND ALL OPENINGS AND EXCAVATION SHALL BE MAINTAINED AT ALL TIMES.
- 8. NORTH ARROWS SHOWN ON DRAWINGS INDICATE LOCAL COORDINATE SYSTEM ESTABLISHED BY THE SURVEYOR, UNLESS OTHERWISE NOTED.
- 9. TRENCH SAFETY AND SHORING IN ACCORDANCE WITH CURRENT OSHA REGULATIONS SHALL BE EMPLOYED BY CONTRACTOR AT ALL TIMES.
- 10. IF AT ANY POINT CONSTRUCTION ACTIVITIES EXPOSE ARCHEOLOGICAL MATERIALS SUCH AS CHIPPED STONE, TOOLS, POTTERY, BONE, HISTORIC CROCKERY, GLASS, METAL ITEMS OR BUILDING MATERIALS, THE CHEROKEE NATION ARCHEOLOGIST SHALL BE CONTACTED IMMEDIATELY.
- 11. ALL STATIONS SHOWN ON THE PLANS ARE CENTERLINE STATIONS UNLESS NOTED OTHERWISE.
- THE TOPOGRAPHIC SURVEY WAS COMPLETED BY NATIVE PLAINS SURVEYING & MAPPING, LLC. ALL EXISTING INFORMATION IS 12. VERIFYING ALL EXISTING INFORMATION. IF CONTRACTOR BELIEVES EXISTING INFORMATION IS INACCURATE, THE CONTRACTOR MAY HAVE A NEW SURVEY COMPLETED AT NO ADDITIONAL COST TO THE OWNER, ARCHITECT, OR ENGINEER.
- 13. DIMENSIONS SHOWN ARE TO BACK OF CURB OR CENTERLINE OF PIPE UNLESS NOTED OTHERWISE.
- 14. CONTRACTOR SHALL REVIEW & COORDINATE W/ ARCHITECTURAL, MECH., ELEC., & PLUMBING DISCIPLINES DRAWINGS, SPEC'S & DETAILS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IN THE EVENT THAT THE ARCH. &/OR CONTRACTOR DEVIATES CONSTRUCTION FROM THESE PLANS W/O THE EXPRESS WRITTEN APPROVAL OF THE ENGINEER, THE ARCH. &/OR CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THOSE MODIFICATIONS.

**EROSION CONTROL NOTES:** 

- 1. SILT FENCE SHALL BE MAINTAINED AND SEDIMENT BUILDUP REGULARLY REMOVED UNTIL PAVING OPERATIONS ARE COMPLETE AND/OR SEEDING IS IN PLACE AND 75% VEGETATION STABILIZATION IS OBTAINED.
- 2. ALL TREES, BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER IS TO BE CLEANED OUT TO THE RIGHT-OF-WAY LINE AT EACH STRUCTURE, IN A MANNER APPROVED BY THE ENGINEER.
- ALL FLOW LINES THAT ARE TO BE FILLED SHALL BE THOROUGHLY COMPACTED TO 95% STANDARD PROCTOR DENSITY BEFORE CONSTRUCTION OR EXTENSION OF DRAINAGE STRUCTURES.
- 4. IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS, AND AFTER GRADING OPERATIONS ARE COMPLETED, BUT BEFORE PAVEMENT AND/OR PERMANENT EROSION CONTROL WORK IS COMPLETED. THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE OWNERS REPRESENTATIVE.
- 5. ALL UNPAVED DISTURBED AREAS SHALL RECEIVE SLAB SOD FOR PERMANENT EROSION CONTROL, UNLESS NOTED OTHERWISE. THIS SHALL INCLUDE FERTILIZER, WATERING & MOWING AS REQUIRED TO ESTABLISH A VIABLE TURF.
- AT THE BEGINNING OF THE TURF OPERATIONS, ANY AREAS INCLUDED IN PLANNED QUANTITIES THAT HAVE GROWN A SATISFACTORY VOLUNTEER TURF OF PERENNIAL GRASS AS DETERMINED BY THE OWNER'S REPRESENTATIVE, SHALL BE FERTILIZED AND WATERED BUT SHALL NOT BE SEEDED, SODDED OR SPRIGGED.
- 7. VEGETATIVE MULCH AND SEEDING SHALL BE UTILIZED FOR TEMPORARY EROSION CONTROL. 8. SEED: THE FOLLOWING KINDS OF SEEDS, AT ACRES-RATES INDICATED BELOW, SHALL BE PLANTED ON THE AREAS DESIGNATED

FOR SEEDING. TEMPORARY SEEDING KINDS OF SEED TO BE FURNISHED QUANTITY PER ACRE COOL SEASON MIX-PERENNIAL RYEGRASS (LOLIUM PERENNE)

CRIMSOM CLOVER (TRIFOLIUM INCARNATUM) WARM SEASON MIX-KOREAN LESPEDEZA (LESPEDEZA STRIATA) CRIMSOM CLOVER (TRIFOLIUM INCARNATUM) LITTLE BLUESTEM (ANDROPOGON SCOPARIUS)

COMMON BERMUDA (CYNODON DACYLON)

20 LBS. OF SEED 12 LBS. OF SEED

12 LBS. OF SEED 20 LBS. OF SEED 12 LBS. OF SEED 4 LBS. OF SEED

VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE "ADHESIVE SPRAY METHOD", AS SPECIFIED IN 233.04(b) OF THE ODOT STANDARD SPECIFICATIONS.

SEASONAL PLANTING RESTRICTIONS THE PLANTING OF SPRIGGING SHALL BE RESTRICTED TO THE PERIOD FROM APRIL 1ST TO JUNE 30TH. THE PLANTING OF TEMPORARY SEEDS (COOL SEASON MIX) SHALL BE RESTRICTED TO THE PERIOD FROM SEPTEMBER 1ST TO NOVEMBER 15TH.

THE PLANTING OF TEMPORARY SEEDS (WARM SEASON MIX) SHALL BE RESTRICTED TO THE PERIOD FROM MARCH 15TH TO JUNE 30TH.

AREAS ON WHICH SALVAGED TOPSOIL IS TO BE REPLACED SHALL HAVE 0-46-0 FERTILIZER APPLIED, AT THE RATE OF 150 LBS. PER ACRE, JUST PRIOR TO THE REPLACEMENT OF SALVAGED TOPSOIL.

# 8.

SITE WORK NOTES

2.

## TW = TOP OF WALL TS = TOP OF SLAB

## ME EL = MATCH EXISTING ELEV. TC = TOP OF CURB ELEV.

MATERIALS NOTES

## THESE ABBREVIATIONS WILL BE

## PRC = POINT REVERSE CURVATURE BOP = BEGIN POINT EOP = END POINT

## PT = POINT OF INTERSECTION FC TO FC = FACE CURB TO FACE CURB

# ABBREVIATION LEGEND:

## THESE ABBREVIATIONS WILL BE FOUND ON THE PROPOSED GRADING SHEETS. F.F.E. = FINISHED FLOOR ELEVATION TG = TOP OF GRATE TR = TOP OF RIM EL = PROPOSED ELEV.

## FL = FLOW LINE ELEV. FOUND ON THE PROPOSED PAVING

# SHEETS PC = POINT OF CURVATURE

# ⁄ 3∖

# EQUAL) UNLESS NOT

GRAVITY SANITARY SEWER PIPE SHALL BE PVC SDR 35 ASTM 3034, OR APPROVED EQUAL.

# STILWELL UTILITIES JEREMY JOHNSON

## WATER/SEWER 696-5084 918-696-5084 ELECTRIC NATURAL GAS NOPFA JOHN WALKER 918-696-4177

# THRUST BLOCKING SHALL ALSO BE REQUIRED. ALL FITTINGS TO BE POLY WRAPPED. 4. TAPPING SLEEVES SHALL BE SMITH-BLAIR 665 STAINLESS STEEL OR EQUAL. 200PSI. 5. STORM SEWER PIPING SHALL BE EITHER SDR 35 PVC PIPE (UP TO 15" DIAMETER) OR CORRUGATED HDPE (ADS N-12 OR

| ED OTH | ERWISE ON PLANS. PIPES AND PIPE FITTINGS S | SHALL BE WATER AND SOIL TIGHT. |       |
|--------|--|--------------------------------|-------|
|        | UTILITY CONT                               | TACTS                          |       |
| 2      | STILWELL UTILITIES                         | JEREMY JOHNSON                 | 918-6 |
|        |  |                                | 010 6 |

# ALL NEW WATER LINE PIPING SHALL BE AWWA C900, DR 14 PVC FOR 6" AND LARGER AND ASTM D2241 SDR 21 FOR 4" AND SMALLER OR APPROVED EQUAL.

ALL FITTINGS (TEES, BENDS, VALVES, ETC.) SHALL BE DUCTILE IRON MECHANICAL JOINTS (MJ) AND RESTRAINED (RJ).

RESTRAINTS SHALL BE "MIDCO" AS MANUFACTURED BY MIDLAND MANUFACTURING COMPANY OR APPROVED EQUAL.

## 16. THIS BID PACKAGE IS INTENDED TO INCLUDE FULL CONSTRUCTION DOCUMENTS THAT INCLUDE, SITE GRADING, RETAINING WALLS, RAMPS PAVING & STRIPING, AND UTILITIES INCLUDING STORM NETWORK AND STRUCTURES. STORM WATER DETENTION AND POND GRADING WILL ON FUTURE BID PACKAGE. REFER TO BID PACKAGE 1 FOR EROSION CONTROL AND DEMOLITION

SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST REVISION, UNLESS OTHERWISE NOTED.

## ELEVATION. THE LIFTS SHOULD NOT EXCEED 8 TO 12 INCHES IN LOOSE LIFT THICKNESS.

## 9. REUSE OF ON SITE SOILS AS FILL IS NOT RECOMMENDED BELOW PLANNED BUILDING OR PAVEMENT AREAS. 10. ALL DISTURBED AREAS THAT ARE NOT PAVED ARE TO RECEIVE SLAB SODDING.

1. ALL EARTHWORK & PAVING MATERIALS & METHODS SHALL CONFORM WITH OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD

# SHOWN AS ACCURATELY AS POSSIBLE BASE UPON FIELD RECONNAISSANCE AND RESEARCH. CONTRACTOR IS RESPONSIBLE FOR 11. EARTHWORKS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE PONDING WATER ON THE SUBGRADE. SITE SHALL MAINTAIN DRAIN.

## ALL TIMES. MOISTURE CONTENT OF SOIL SHOULD BE MAINTAINED NEAR OPTIMUM DURING CONSTRUCTION.

## 12. ALL ROCKS AND DEBRIS SHALL BE REMOVED FROM ALL DRAINS PRIOR TO FINAL INSPECTION.

# 13. ROADSIDE HAZARDS SHALL BE COMPLETELY BARRICADED AROUND THEIR PERIMETER FOR THE SAFETY OF PEDESTRIANS AND VEHICLES.

## 14. ONLY THE AMOUNT OF TRENCH THAT CAN BE BACK FILLED OR SURFACED IN (2) DAYS SHALL BE ALLOWED OPEN UNLESS APPROVED BY C REPRESENTATIVE. 15. ANY EXISTING FOUNDATIONS OR FOOTINGS SHALL BE REMOVED FULL DEPTH, & BACKFILLED WITH APPROVED COMPACTED MATERIAL

## UTILITY NOTES

| 2.  | CONTRACTOR SHALL REVIEW GEOTECHNICAL REPORT PREPARED BY BUILDING & EARTH. DATED AUGUST 30, 2018. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.THIS REPORT SHOULD BE CONSIDERED A PART OF THESE CONSTRUCTION DOCUMENTS.   | 1.  | ALL SANITARY SEWER AND PUBLIC WATER SUPPLY IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE<br>WITH THE CURRENT OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY STANDARD CONSTRUCTION<br>SPECIFICATIONS.  |
|-----|---|-----|---|
| 3.  | ONLY REMOVE TREES THAT DIRECTLY INTERFERE WITH CONSTRUCTION. CONTRACTOR SHALL LIMIT CLEARING & GRUBBING TO BUILDING & PARKING AREA FOOTPRINT, AS MUCH AS POSSIBLE.  | 2.  | THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SERVICES FROM DAMAGE. UTILITIES SHALL REMAIN IN SERVICE AT ALL TIMES, AND ANY DISRUPTION OF SERVICE SHALL BE AT THE CONTRACTOR'S SOLE   |
| 4.  | CONTRACTOR SHALL DISPOSE OF TREES, STUMPS, DEBRIS, ETC. OFF SITE IN A MANNER APPROVED BY THE OWNER.   |     | EXPENSE.  |
| 5.  | ALL AREAS TO RECEIVE PAVING SHALL BE STRIPPED OF VEGETATION, TOPSOIL, SOFT OR OTHERWISE SUITABLE MATERIAL. THIS WOULD INCLUDE<br>AREAS IDENTIFIED FOR UNDERCUT. AREA SHALL BE SCARIFIED TO A DEPTH OF 8 INCHES, MOISTURE CONDITIONED TO A RANGE OF 1% BELOW TO<br>3% ABOVE THE MATERIAL'S OPTIMUM MOISTURE CONTENT, & COMPACTED TO A DENSITY OF AT LEAST 95% OF THE STANDARD PROCTOR (ASTM D<br>698) MAXIMUM DRY DENSITY. SUBGRADE SHALL BE PROOF ROLLED WITH A ROLLER OR TRUCK (GROSS WEIGHT OF 25 TONS OR MORE). SOFT AREAS<br>SHALL BE EXCAVATED & REPLACED WITH SUITABLE MATERIAL. PROOF ROLLING SHALL BE WITNESSED BY OWNER'S REPRESENTATIVE. OWNER<br>SHALL DETERMINE SUITABILITY OF SUBGRADE. REFER TO GEOTECHNICAL RECOMMENDATIONS. | 3.  | ALL STRUCTURES AND MANHOLES SHALL BE CONSTRUCTED ON A MINIMUM THICKNESS OF 4" OF CLEAN<br>COMPACTED CRUSHED ROCK UNLESS OTHERWISE NOTED. SUCH BEDDING SHALL BE APPROVED PRIOR TO<br>PLACEMENT.  |
|     |   | 4.  | CONTRACTOR SHALL VERIFY PROPOSED WATER LINE ELEVATIONS TO INSURE NO CONFLICTS WITH EXISTING UTILITIES. MINOR FIELD ADJUSTMENTS NECESSARY TO AVOID CONFLICTS SHALL BE COORDINATED WITH THE APPROVAL OF THE ENGINEER.   |
| 6.  | WHERE LIMESTONE IS EXPOSED AT FINISHED SUBGRADE, IT IS RECOMMENDED TO UNDERCUT THE LIMESTONE ROCK TO A LEVEL THAT WILL ALLOW FOR PLACEMENT OF AT LEAST 8" OF STRUCTURAL FILL TO PROVIDE FOR UNIFORM SUBGRADE CONDITIONS ACROSS PAVEMENT AREAS,  | 5.  | CONTRACTOR SHALL VERIFY EXISTING PIPE SIZE, TYPE AND LOCATION TO INSURE PROPER CONNECTION.  |
| 7.  | REMOVE ANY STUMPS, ROOTS LARGER THAN 2 INCHES IN DIAMETER, ROCKS LARGER THAN 3 INCHES AND ANY MATTED ROOTS, TO A DEPTH OF 18<br>INCHES BELOW ORIGINAL GROUND SURFACE.   | 6.  | ALL BURIED FITTINGS, SUCH AS BENDS, TEES, ETC., SHALL BE BLOCKED FOR THRUST, AS SHOWN ON THE STANDARD DETAIL DRAWING. THIS REQUIREMENT SHALL INCLUDE ALL PRESSURE PIPING AND LOW HEAD (GRAVITY) PIPING. COST SHALL BE INCLUDED IN OTHER ITEMS OF WORK.  |
| 8.  | SELECT FILL SHALL BE COMPOSED OF MATERIAL WITH MAXIMUM DRY DENSITY IN EXCESS OF 100 POUNDS PER CUBIC FOOT, PLASTICITY INDEX (PI)<br>LESS THAN 18, AND A LIQUID LIMIT (LL) LESS THAN 40. STRUCTURAL FILL SHOULD BE FREE OF ANY ORGANICS, SHOULD NOT CONTAIN ROCK   | 7.  | MINIMUM DEPTH OF COVER SHALL BE 30-INCHES UNLESS OTHERWISE NOTED.   |
|     | FRAGMENTS GREATER THAN 3 INCHES IN ANY DIMENSION, AND SHOULD BE PROPERLY MOISTURE CONDITIONED PRIOR TO USE AS SELECT FILL.<br>SELECT FILL SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AND WITHIN ±2% OF THE<br>OPTIMUM MOISTURE AS DETERMINED BY ASTM D 698. THE FILL MATERIAL SHOULD BE SPREAD IN HORIZONTAL LIFTS STARTING AT THE LOWEST<br>ELEVATION. THE LIFTS SHOULD NOT EXCEED 8 TO 12 INCHES IN LOOSE LIFT THICKNESS.  | 8.  | THE PLANS HAVE BEEN PREPARED TO SHOW THE APPROXIMATE LOCATION OF EXISTING KNOWN UTILITIES.<br>THE CONTRACTOR SHALL CONTACT OKIE, EACH RESPECTIVE UTILITY COMPANY AND THE PROJECT OWNER<br>TO DETERMINE THE EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION. ANY CHANGE IN<br>ALIGNMENT OR GRADE CAUSED BY INTERFERING UTILITIES SHALL BE MADE BY THE CONTRACTOR AT NO |
| 9.  | REUSE OF ON SITE SOILS AS FILL IS NOT RECOMMENDED BELOW PLANNED BUILDING OR PAVEMENT AREAS.   |     | COST TO THE OWNER AND THE ENGINEER NOTIFIED.  |
| 10. | ALL DISTURBED AREAS THAT ARE NOT PAVED ARE TO RECEIVE SLAB SODDING.   | 9.  | DEPTHS OF ANY EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL AT HIS OWN EXPENSE UNCOVER AND VERIFY THE LOCATION AND ELEVATION OF EXISTING UTILITIES IN ADVANCE   |
| 11. | EARTHWORKS SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE PONDING WATER ON THE SUBGRADE. SITE SHALL MAINTAIN DRAINAGE AT ALL TIMES, MOISTURE CONTENT OF SOIL SHOULD BE MAINTAINED NEAR OPTIMUM DURING CONSTRUCTION.  |     | OF THE CONSTRUCTION.  |
| 12  |   | 10. | UTILITY PENETRATIONS INTO OR UNDER BUILDING FOUNDATION SHALL BE SEALED OR PLUGGED PER<br>DETAIL PROVIDED.   |
| 12. | ALE ROORS AND DEDRIG SHALE DE REMOVED FROM ALE DRAINS FRIGR FO FINAL INSI ECTION.   |     |   |
| 13. | ROADSIDE HAZARDS SHALL BE COMPLETELY BARRICADED AROUND THEIR PERIMETER FOR THE SAFETY OF PEDESTRIANS AND VEHICLES.  | 11. | CONTRACTOR SHALL CONTACT RESPECTIVE UTILITIES TO CONFIRM OR DETERMINE COSTS ASSOCIATED<br>WITH OBTAINING OR EXTENDING UTILITIES FOR SERVICE. THIS MAY INCLUDE, BUT NOT LIMITED TO TAP   |
| 14. | ONLY THE AMOUNT OF TRENCH THAT CAN BE BACK FILLED OR SURFACED IN (2) DAYS SHALL BE ALLOWED OPEN UNLESS APPROVED BY OWNER'S REPRESENTATIVE.  |     | FEES, SERVICE FEES, LINE EXTENSIONS FEES, METER FEES, ECT.  |
| 15. | ANY EXISTING FOUNDATIONS OR FOOTINGS SHALL BE REMOVED FULL DEPTH, & BACKFILLED WITH APPROVED COMPACTED MATERIAL.  |     |   |
| 16. | THIS BID PACKAGE IS INTENDED TO INCLUDE FULL CONSTRUCTION DOCUMENTS THAT INCLUDE, SITE GRADING, RETAINING WALLS, RAMPS & STAIRS, PAVING & STRIPING, AND UTILITIES INCLUDING STORM NETWORK AND STRUCTURES. STORM WATER DETENTION AND POND GRADING WILL BE DONE   |     |   |
|     | ON FUTURE BID PACKAGE. REFER TO BID PACKAGE 1 FOR EROSION CONTROL AND DEMOLITION .  |     | PROPOSED SITE LEGEND  |

|                     | STORM PERFORATED PVC PIPE         |
|---------------------|-----------------------------------|
| SD SD               | STORM WATER LINE                  |
| —— w —— w ——        | WATER LINE                        |
| UGE                 | UNDERGROUND ELECTRIC LINE         |
| ——— GAS ——— GAS ——— | GAS LINE                          |
| ) SS) SS            | SANITARY SEWER LINE               |
|                     | CENTER LINE OF DRIVES             |
| XXX                 | PROPOSED CONTOURS                 |
| XXX                 | EXISTING CONTOURS                 |
| WM                  | WATER METER                       |
|                     | GATE VALVE                        |
|                     | CLEAN OUT                         |
| <b>•</b>            | FIRE HYDRANT ASSEMBLY             |
|                     | SIGNAGE                           |
|                     | DROP INLET                        |
| SS                  | SEWER MANHOLE                     |
| MH                  | EXISTING INLET MANHOLE ADJUSTMENT |
|                     | STORM MANHOLE                     |
|                     | SIDEWALK AREA                     |
|                     | GRAVEL PARKING                    |

















WALL ALIGNMENT - 5 PROFILE (STA. 19+95 - STA. 21+85)

## WALL ALIGNMENT - 6 PROFILE (STA. 9+95 - STA. 11+00)



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