

GENERAL CONSTRUCTION NOTES

1. GENERAL

- ALL WORK SHALL CONFORM TO THE PROJECT SPECIFICATIONS ISSUED BY THE ENGINEER AND ACCOMPANYING THESE DRAWINGS.
- CONTRACTOR SHALL CONTACT THE ENGINEER AS SOON AS POSSIBLE SHOULD ANY CIRCUMSTANCES FOUND DURING THE COURSE OF PROJECT COMPLETION NECESSITATE A VARIANCE FROM THE PLANS. VARIANCE FROM THE PLANS WILL BE REVIEWED BY THE ENGINEER AND THE OWNER.
- CONSTRUCTION TRAFFIC CONTROL SHALL BE PROVIDED AS NECESSARY AT ANY POINTS OF ENTRANCE OR EXIT ONTO PAVED STREETS. NO CLOSURE OF PUBLIC OR PRIVATE ROADWAYS SHALL BE ALLOWED WITHOUT PRIOR WRITTEN CONSENT OF THE CITY OF OKLAHOMA CITY OR THE OWNER, RESPECTIVELY. COST OF TRAFFIC CONTROL SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE BID PRICE OF OTHER ITEMS OF WORK.
- ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RETAIN A COPY OF THIS DOCUMENT AND BECOME FAMILIAR WITH THE INFORMATION PRESENTED THEREIN.
- ALL PARKING SPACE DELINEATION SHALL BE COMPLETED PER CITY OF OKLAHOMA CITY DEPARTMENT OF PUBLIC WORKS REQUIREMENTS. HANDICAP SYMBOLS SHALL BE PROVIDED OVER A FIELD OF BLUE WITH A 4-IN SOLID WHITE BORDER. SIZES OF HANDICAP SYMBOLS SHALL BE AS SPECIFIED BY THE MUTCD.
- UNLESS OTHERWISE SPECIFIED, ALL OTHER SYMBOLS, DIRECTIONAL ARROWS, WORDS, NUMBERS, AND CROSS WALKS SHALL BE PROVIDED AS SOLID WHITE. SEE THE LATEST EDITION OF THE MUTCD FOR ADDITIONAL INFORMATION AND DETAILS.
- CURBS IMMEDIATELY ADJACENT TO ANY PROPOSED FIRE LANES, HYDRANTS, OR OTHER RELATED FEATURES SHALL BE PAINTED RED PER SECTION 32 1723 OF THE PROJECT SPECIFICATIONS. CONTRACTOR TO PROVIDE NO PARKING - FIRE LANE IN WHITE LETTERS OR 50-F CENTERS.
- SLEEVES FOR FUTURE INSTALLATION OF IRRIGATION HAVE BEEN DOCUMENTED ON THE CONSTRUCTION DRAWINGS. CONTRACTOR TO PROVIDE 24-IN NO. 4 BARS AT EITHER END OF EACH SLEEVE INSTALLATION OF FUTURE LOCATION BY THE IRRIGATION CONTRACTOR. TOP OF BAR TO BE 6-IN BELOW FINISHED GRADE. SLEEVES TO BE INSTALLED WITH WATER-TIGHT CAP AT EITHER END.

2. STORMWATER/EROSION CONTROL

- PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL VERIFY THAT A NOTICE OF INTENT (NOI) HAS BEEN FILED WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) IN THE EVENT THAT AN NOI IS NOT CURRENTLY ON FILE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FILING SAID DOCUMENT IN CONFORMANCE WITH EPA REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE GUIDELINES SET FORTH IN THE PERMITS ARE IN PLACE PRIOR TO INITIATING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF ALL FEES ASSOCIATED WITH STORM WATER PERMITS.
- THE NOTICE OF INTENT (NOI) AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), AS WELL AS ANY OTHER APPLICABLE DOCUMENTS SHALL BE KEPT ON SITE BY THE CONSTRUCTION SUPERINTENDENT AT ALL TIMES. SAID ITEMS SHALL BE MADE AVAILABLE TO STATE AND MUNICIPAL AUTHORITIES UPON REQUEST.
- ANY DISCHARGES FROM THE SITE SHALL CONFORM TO THE SWPPP. THE CONTRACTOR SHALL INSTALL ADDITIONAL STORMWATER CONTROL DEVICES AS NECESSARY TO ENSURE COMPLIANCE WITH SAID DOCUMENT.
- CONSTRUCTION OF ALL EROSION CONTROL MEASURES SHALL BE PERFORMED BY THE CONTRACTOR PRIOR TO THE INITIATION OF ANY LAND DISTURBING ACTIVITIES. INSPECTION OF THESE STRUCTURES MAY BE PERFORMED BY EPA, ODEQ, AND/OR THE CITY OF TAHLEQUAH STORM WATER QUALITY DEPARTMENT. MAINTENANCE OF EROSION CONTROL MEASURES SHALL BE PERFORMED BY THE CONTRACTOR AS INDICATED IN THE SWPPP OR AT A SUFFICIENT INTERVAL TO ENSURE RETENTION OF SEDIMENTS.
- A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED BY THE CONTRACTOR AT ANY POINTS OF ENTRANCE OR EXIT ONTO ADJACENT PAVED STREETS. WASHDOWN OF VEHICLES SHALL BE PERFORMED AS NECESSARY TO REDUCE/ELIMINATE SIGNIFICANT DEPOSITS OF SOIL ON ROADWAY. REMOVAL OF SOIL FROM STREET SHALL BE PERFORMED BY THE CONTRACTOR AS REQUESTED BY THE AHJ.
- DISTURBED PORTIONS OF THE SITE, INCLUDING STOCKPILES, WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21-DAYS, SHALL BE TEMPORARILY STABILIZED NO LATER THAN 14-DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. TEMPORARY STABILIZATION SHALL BE COMPLETED PER THE SWPPP.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASE SHALL BE STABILIZED NO LATER THAN 14-DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. PERMANENT STABILIZATION SHALL BE COMPLETED PER THE SWPPP.
- IN THE EVENT THAT CONSTRUCTION SEQUENCING OR WEATHER MAKE STABILIZATION OF DISTURBED AREAS WITHIN THE REQUIRED TIME IMPRACTICAL, THE CONTRACTOR SHALL STABILIZE THE SOILS WITH STRAW OR FIBER MULCH. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF MULCH AND ESTABLISHMENT OF PERMANENT VEGETATION ONCE WEATHER AND/OR SEQUENCING PERMITS. SEE SWPPP FOR ADDITIONAL INFORMATION.

3. EXISTING UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES WHICH MAY BE IMPACTED BY THE WORK OF THE APPROVED PLANS. THE CONTRACTOR SHALL COMPLETE THE SCOPE OF WORK IN SUCH A MANNER AS TO PRECLUDE DAMAGE TO EXISTING UTILITIES AND/OR STRUCTURES. DAMAGE TO FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF THE FACILITY OWNER.
- EXISTING UTILITIES SHOWN ON THE APPROVED PLANS IN THE APPROXIMATE LOCATION WHERE EVIDENCE OF THEIR LOCATION WAS AVAILABLE EITHER BY FIELD OBSERVATION OR FROM INFORMATION PROVIDED BY THE OWNER, AND/OR UTILITY COMPANY. NEITHER THE OWNER, THE UTILITY OWNER, NOR THE ENGINEER ACCEPT RESPONSIBILITY FOR DAMAGE DONE BY THE CONTRACTOR TO EXISTING FACILITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL UTILITIES DURING CONSTRUCTION.

- CONTRACTOR SHALL VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES, SPECIFICALLY AT CRITICAL TIE-IN POINTS, PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES. VERIFICATION OF SIZE AND CONSTRUCTION MATERIAL (I.E., PVC, DIP, RCP, ETC.) SHALL BE PERFORMED DURING THESE ACTIVITIES.

4. GEOTECHNICAL

- ALL EARTHWORK AND SUBGRADE PREPARATION SHALL BE COMPLETED PER THE JANUARY 17, 2018 REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL EVALUATION PREPARED BY BUILDING & EARTH BUILDING & EARTH PROJECT NO. OK170293 AND SECTION 31 2000 OF THE PROJECT SPECIFICATIONS. CONFLICTS BETWEEN THE TWO DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO THE SUBMISSION OF BID. REQUIREMENTS WHICH SPECIFICALLY IMPACT THE SCOPE OF WORK INCLUDE, BUT ARE NOT LIMITED TO:
 - TOPSOIL THICKNESS IN BORINGS RANGED FROM 2 TO 30-IN. TOPSOIL THICKNESS LIKELY VARIES IN UNEXPLORED LOCATIONS. THESE SOILS ARE ANTICIPATED TO LOSE STABILITY WITH SLIGHT INCREASE IN SOIL MOISTURE CONTENT AND WILL NOT PROVIDE A WORKABLE PLATFORM.
 - RESIDUAL CLAY SOILS WERE ENCOUNTERED BELOW THE TOPSOIL. IN ALL BORINGS AND EXTENDED TO DEPTHS OF 1 TO 10-FT. CLAY SOILS VARY FROM NEAR-SURFACE LOW TO MODERATE PLASTICITY RESIDUAL CLAY SOILS, TO MODERATE TO HIGH-PLASTICITY SOILS. SEE SECTION 33.2 OF THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
 - A LIMESTONE UNIT WAS ENCOUNTERED BELOW RESIDUAL CLAY SOILS IN ALL BORINGS AT DEPTH OF 1 TO 9.8-FEET. THIS LIMESTONE UNIT EXTENDED TO THE AUGER REFUSAL. DEPTH OF 2 TO 10.5-FEET BELOW THE EXISTING GROUND SURFACE. AUGER REFUSAL DEPTH ARE REPORTED IN SECTION 3.3.4 OF THE GEOTECHNICAL REPORT.
 - GROUNDWATER SEEPAGE WAS ENCOUNTERED IN PORTIONS OF THE BORINGS AT DEPTHS OF 8 TO 9-FT BELOW EXISTING GRADE. FREE WATER WAS MEASURED AT 4 TO 6-FT, 24-HOURS AFTER COMPLETION OF DRILLING OPERATIONS.
 - HIGH SOIL MOISTURE CONTENTS WERE OBSERVED AT THE TOPSOIL/RESIDUAL CLAY INTERFACE AS WELL AS AT THE RESIDUAL CLAY/LIMESTONE INTERFACE. BASED ON THIS, THE GEOTECHNICAL ENGINEER HAS IDENTIFIED A HIGH PROBABILITY FOR THE DEVELOPMENT OF PERCHED WATER.
 - INITIAL SITE PREPARATION
 - ALL TREES, VEGETATION, ROOTS, TOPSOIL, AND ANY OTHER DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE PROPOSED CONSTRUCTION AREA. GRUBBING OF ALL TREES SHOULD INCLUDE REMOVAL OF THE TREE STUMPS AND THE ROOT SYSTEMS PER THE REQUIREMENTS OF THE GEOTECHNICAL REPORT.
 - MATERIALS DISTURBED DURING CLEARING OPERATIONS SHOULD BE UNDERCUT TO UNDISTURBED MATERIALS AND BACKFILLED WITH PROPERLY COMPACTED, APPROVED STRUCTURAL FILL.
 - DURING SITE PREPARATION ACTIVITIES, THE CONTRACTOR SHALL IDENTIFY BORROW SOURCE MATERIALS THAT WILL BE USED AS STRUCTURAL FILL AND PROVIDE SAMPLES TO THE GEOTECHNICAL TESTING AGENCY TO CONFIRM THE PROPOSED MATERIAL MEETS OR EXCEEDS THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS FOR STRUCTURAL FILL.
 - SWALE AREA: AS NOTED IN THE GEOTECHNICAL REPORT, SOFT TO MEDIUM STIFF SOILS WITH RELATIVELY HIGH MOISTURE CONTENTS WERE IDENTIFIED THROUGHOUT THE SWALE WHICH BISECTS THE PROPERTY. HIGH MOISTURE CONTENTS WERE NOTED TO DEPTH OF APPROXIMATELY 6-FT. SOFT, WET, AND UNSTABLE SOIL CONDITIONS SHOULD BE ANTICIPATED WITHIN AND ADJACENT TO THE SWALE ALIGNMENT. SEE SECTION 4.2 OF THE GEOTECHNICAL REPORT FOR ADDITIONAL DETAIL AND INFORMATION.
 - MOISTURE SENSITIVE SOILS:
 - THE SITE WILL BE PRONE TO DEVELOPMENT OF NEAR-SURFACE PERCHED WATER. NEAR-SURFACE SOILS WILL DEGRADE IF ALLOWED TO BECOME SATURATED. THE CONTRACTOR IS ADVISED TO NOT ALLOW WATER TO POND BY MAINTAINING POSITIVE DRAINAGE AND PROVIDING TEMPORARY DEWATERING METHODS.
 - THE CONTRACTOR SHOULD ANTICIPATE SOME DIFFICULTY DURING THE EARTHWORK PHASE OF THIS PROJECT DURING CONSTRUCTION. INCREASED MOISTURE LEVELS WILL FURTHER SOFTEN THE SUBGRADE. THE SOILS ARE UNSTABLE AND SHOULD BE EXPECTED TO RUT AND PUMP UNDER THE INFLUENCE OF CONSTRUCTION TRAFFIC.

- PREPARATION OF UNSTABLE SUBGRADE AREAS: ANY SOFT/UNSTABLE AREAS IDENTIFIED DURING PROOF-ROLLING SHALL BE UNDERCUT TO FULL-DEPTH TO ESTABLISH A STABLE SUBGRADE. THE GEOTECHNICAL ENGINEER HAS IDENTIFIED LOWE CONSISTENCY SOILS WITH ELEVATED MOISTURE CONTENTS EXTENDING AS MUCH AS 6-FT BELOW EXISTING GRADES.
 - IN LIEU OF FULL-DEPTH REMOVAL, IN PLACE STABILIZATION METHODS MAY INCLUDE TRACKING OF SURGE STONE INTO THE UNSTABLE SOILS, OR USING A COMPOSITE SYSTEM OF GEOGRID AND CRUSHED AGGREGATE TO ESTABLISH A STABLE PLATFORM TO START FILL PLACEMENT. THE GEOTECHNICAL ENGINEER SHALL BE ADVISED FOR FURTHER, DETAILED RECOMMENDATIONS DURING CONSTRUCTION.
 - PROOF-ROLLING ACTIVITIES SHALL BE COMPLETED BY THE CONTRACTOR AS RECOMMENDED IN SECTION 4.5 OF THE GEOTECHNICAL REPORT.
 - PAVEMENT SUBGRADES SHALL BE SUPPORTED ON 12-IN OF LOW-PLASTICITY STRUCTURAL FILL OR 8-IN OF CHEMICALLY STABILIZED HIGH-PLASTICITY SOILS PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
 - REQUIREMENTS FOR FILL MATERIAL SHALL BE PER SECTION 4.7 OF THE GEOTECHNICAL REPORT.
 - HARD ROCK EXCAVATION TECHNIQUES SHOULD BE ANTICIPATED WITHIN THE UNDERLYING LIMESTONE UNIT. THE DEPTH OF THIS UNIT VARIES FROM 2-FT TO 10-FT ACROSS THE SITE. SEE SECTION 4.8.1 OF THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
 - UTILITY TRENCH BACKFILL: ALL UTILITY TRENCHES SHALL BE BACKFILLED AND COMPACTED PER THE REQUIREMENTS OF SECTION 4.7 OF THE GEOTECHNICAL REPORT. LIFT THICKNESS MAY BE REQUIRED TO BE REDUCED TO 4 TO 6-IN IN ORDER TO ACHIEVE REQUIRED COMPACTION USING HAND-OPERATED EQUIPMENT.
- GROUNDWATER HAS BEEN ENCOUNTERED ON THE SITE AT DEPTHS OF 4 TO 9-FT. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF EXCAVATION AS NECESSARY TO COMPLETE THE INDICATED SCOPE OF WORK. COST OF DEWATERING ACTIVITIES SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE SUBMITTED BID. SEE SECTION 31 2319 OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- UNSATISFACTORY OR UNUSABLE SOIL MATERIAL GENERATED DURING EARTHWORK OPERATIONS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE PRIOR TO FINAL INSPECTION AND ACCEPTANCE BY THE OWNER.
- ROCK AND OTHER UNFORESEEN OBSTRUCTIONS ENCOUNTERED DURING THE COMPLETION OF SITE WORK SHALL BE REMOVED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL SPRINKLE DISTURBED AREAS AS NECESSARY TO REDUCE/ELIMINATE THE CREATION OF DUST DURING GRADING ACTIVITIES. THE COST OF SPRINKLING SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN THE SUBMITTED BID.
- SHORING, BRACING, TERRACING/BENCHING, AND OTHER MEASURES ASSOCIATED WITH PROTECTION OF WORKERS IN AN AROUND EXCAVATIONS SHALL BE PERFORMED AS NECESSARY TO MEET ALL APPLICABLE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) REQUIREMENTS AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL NECESSARY MEASURES ARE IN PLACE. SEE SECTION 31 5000 OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

5. STORM SEWER / DRAINAGE

- CONTRACTOR SHALL VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES, SPECIFICALLY AT CRITICAL TIE-IN POINTS, PRIOR TO INITIATION OF CONSTRUCTION ACTIVITIES. VERIFICATION OF SIZE AND CONSTRUCTION MATERIAL (I.E., PVC, DIP, RCP, ETC.) SHALL BE PERFORMED DURING THESE ACTIVITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF SILT FROM ALL DRAINAGE STRUCTURES, CONCRETE CHANNELS, FLUMES, AND PAVED AREAS PRIOR TO FINAL PROJECT INSPECTION AND ACCEPTANCE BY THE OWNER.
- UNTIL SUCH TIME THAT PROPOSED STORM SEWER IS FUNCTIONAL, CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING DRAINAGE PATH @ ALL POINTS OF STORMWATER ENTRANCE ONTO PROPERTY. STORMWATER SHALL BE ROUTED ACROSS OWNER'S PROPERTY AS NECESSARY TO PROTECT EXISTING FEATURES AS WELL AS PROJECT IMPROVEMENTS AND SHALL BE ROUTED TO PRE-CONSTRUCTION POINTS OF RUN-OFF.
- STORM SEWER CONSTRUCTED WITHIN 5-FT OF EXISTING OR PROPOSED PAVING SHALL BE REINFORCED CONCRETE PIPE WITH WATER-TIGHT O-RING JOINTS OR SMOOTH INTERIOR DUAL WALL HOPE WITH WATER-TIGHT JOINTS. EACH JOINT SHALL BE WRAPPED WITH A 24-IN WIDE STRIP OF NON-WOVEN FILTER FABRIC, CENTERED ON THE JOINT. CONTRACTOR SHALL PROVIDE 24-IN MINIMUM OVERLAP ALONG THE CIRCUMFERENCE OF THE PIPE.

6. SURVEYING

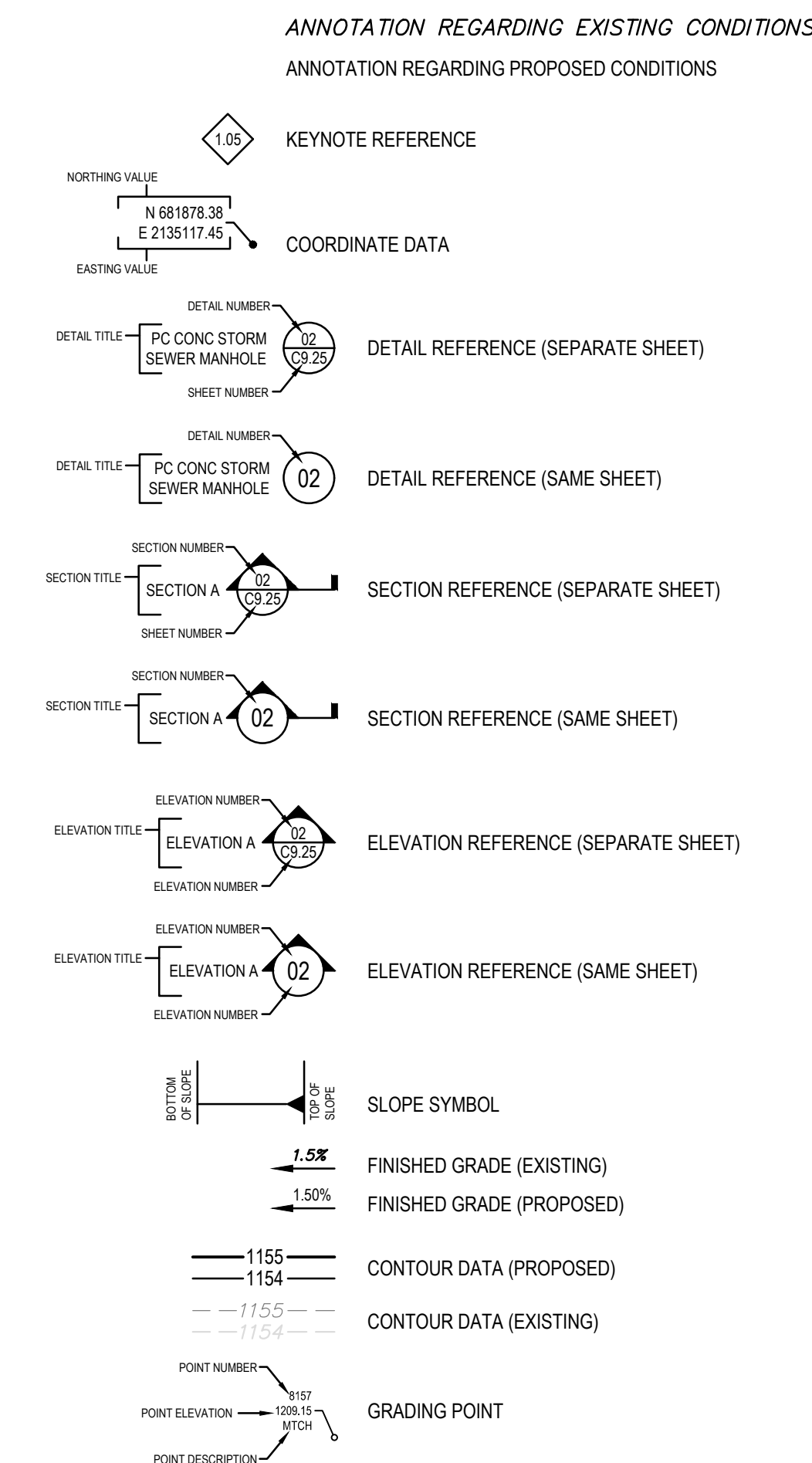
- COST OF STAKING TO BE INCLUDED IN SUBMITTED BID PRICE. ALL CONSTRUCTION STAKING SHALL BE PROVIDED BY INDEPENDENT LICENSED LAND SURVEYING COMPANY. CONTRACTOR TO PROVIDE QUALIFICATION STATEMENT FROM SURVEYOR TO ENGINEER AND OWNER FOR REVIEW AND APPROVAL PRIOR TO ENGAGING SURVEYOR.
- PRIMARY CONTROL FOR CONSTRUCTION OF THE PROJECT HAS BEEN PROVIDED TO THE CONTRACTOR AS INDICATED IN THE CONSTRUCTION DRAWINGS. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE ACCURACY OF THE PROVIDED COORDINATE AND ELEVATION DATA PRIOR TO USING ANY OF THE LISTED POINTS FOR CONSTRUCTION STAKING OR PLACEMENT OF SECONDARY CONTROL.
- PRIMARY CONTROL POINTS SHALL BE PROTECTED AND PRESERVED THROUGHOUT THE COURSE OF THE PROJECT. IN THE EVENT THAT THE LOCATION OF PRIMARY CONTROL INTERFERES WITH COMPLETION OF THE SCOPE OF WORK, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR REVIEW PRIOR TO DISTURBING THE CONTROL POINT.
- COST ASSOCIATED WITH THE REPLACEMENT OF ANY PRIMARY CONTROL DAMAGED DURING THE COURSE OF WORK SHALL BE THE RESPONSIBILITY OF

THE CONTRACTOR. REPLACEMENT CONTROL SHALL BE ESTABLISHED BY A LICENSED LAND SURVEYOR.

- SECONDARY CONTROL SHALL BE SET AS NECESSARY BY THE CONTRACTOR TO ACCURATELY COMPLETE THE SCOPE OF WORK. COST ASSOCIATED WITH PLACEMENT OF ALL SECONDARY CONTROL AS WELL AS ANY NECESSARY CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

- FIELD SURVEYS SHALL BE PROVIDED BY THE CONTRACTOR AS NECESSARY TO CALCULATE AND VERIFY ANY QUANTITIES USED TO CALCULATE CHANGES IN THE CONTRACT AMOUNT. ALL SURVEYS SHALL BE COMPLETED BY A LICENSED LAND SURVEYOR AND SHALL BE SUBMITTED TO THE ENGINEER IN BOTH DIGITAL AND HARD COPY FORMAT. COST OF SURVEY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR

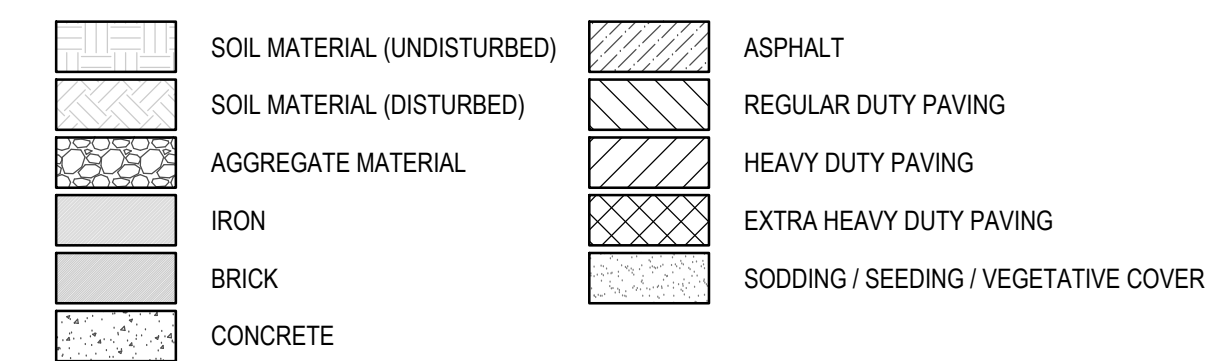
GRAPHICAL SYMBOLS



CIVIL SHEET INDEX

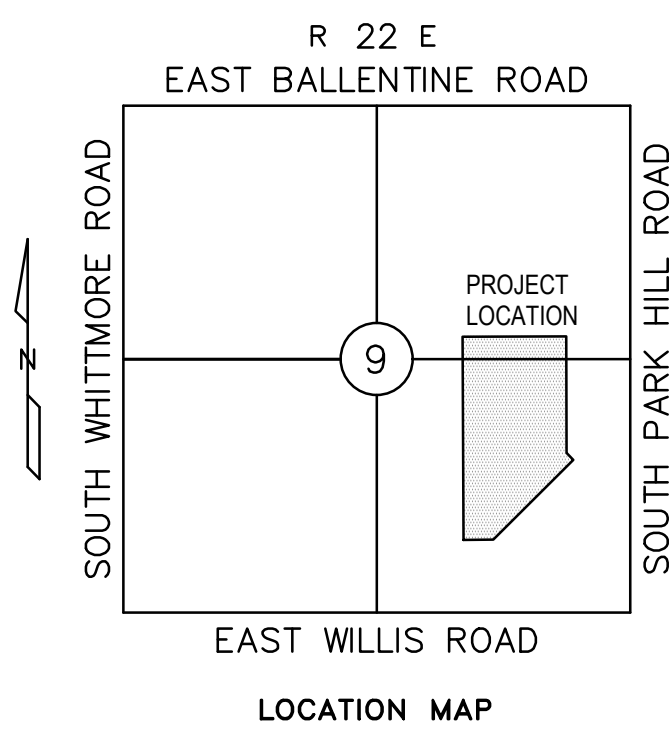
Sheet Number	Sheet Title
C0.01c	INDEX AND GENERAL CONSTRUCTION NOTES
C0.02c	PLAT OF TOPOGRAPHIC MAPPING (1 OF 2)
C0.03c	PLAT OF TOPOGRAPHIC MAPPING (2 OF 2)
C1.00c	CIVIL SITE PLAN - OVERVIEW
C1.02c	CIVIL SITE PLAN INDEX
C1.05c	CIVIL SITE PLAN - AREA 05
C1.10c	CIVIL SITE PLAN - AREA 10
C1.15c	CIVIL SITE PLAN - AREA 15
C1.20c	CIVIL SITE PLAN - AREA 20
C1.25c	CIVIL SITE PLAN - AREA 25
C1.30c	CIVIL SITE PLAN - AREA 30
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C3.02c	EROSION CONTROL PLAN
C4.00c	PRE-DEVELOPMENT DRAINAGE MAP - OVERVIEW
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C8.05c	FINISHED GRADING PLAN - AREA 05
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C8.20c	FINISHED GRADING PLAN - AREA 20
C8.25c	FINISHED GRADING PLAN - AREA 25
C8.30c	FINISHED GRADING PLAN - AREA 30
C8.35c	FINISHED GRADING PLAN - AREA 35
C8.40c	FINISHED GRADING PLAN - AREA 40
C8.45c	FINISHED GRADING PLAN - AREA 45
C9.00c	CIVIL CONSTRUCTION DETAILS
C9.05c	CIVIL CONSTRUCTION DETAILS
C9.10c	CIVIL CONSTRUCTION DETAILS
C9.15c	CIVIL CONSTRUCTION DETAILS
C9.20c	CIVIL CONSTRUCTION DETAILS

MATERIAL SYMBOLS



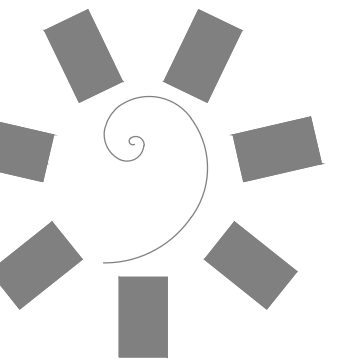
SURVEY CONTROL

TOPOGRAPHIC SURVEY HAS BEEN PREPARED BY KROHN SURVEYING, INC OF LONE GROVE, OKLAHOMA (PHONE 580.490.2422). AN UNOFFICIAL COPY OF THIS SURVEY HAS BEEN PROVIDED WITH THE CONSTRUCTION DRAWINGS FOR THE CONTRACTOR'S REFERENCE. SURVEY CONTROL FOR THE PROJECT SHALL BE AS IDENTIFIED ON THIS SURVEY.



UTILITY WARNING: THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



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CLIENT:



CHEROKEE NATION ENTERTAINMENT
 TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:

BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

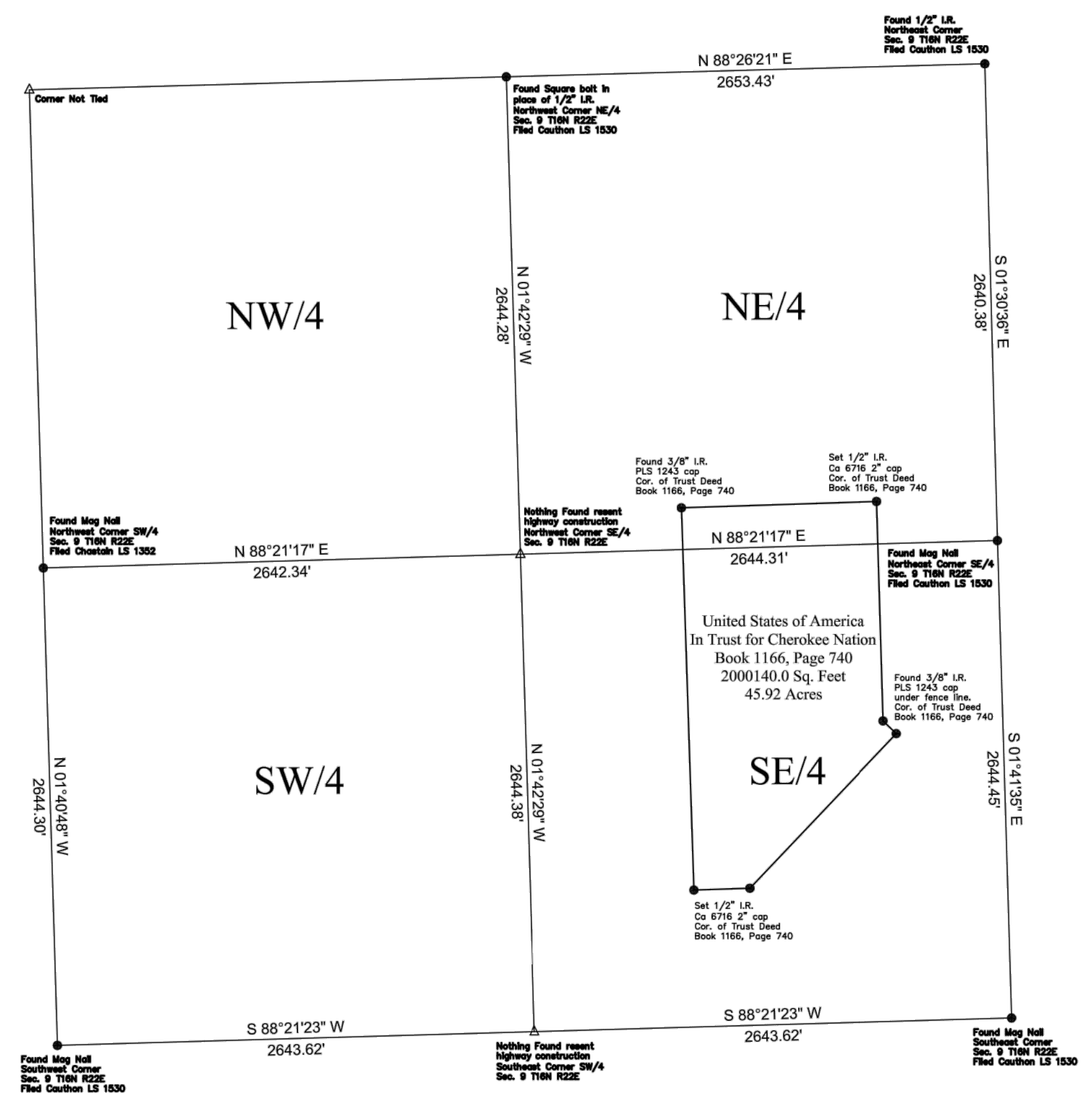
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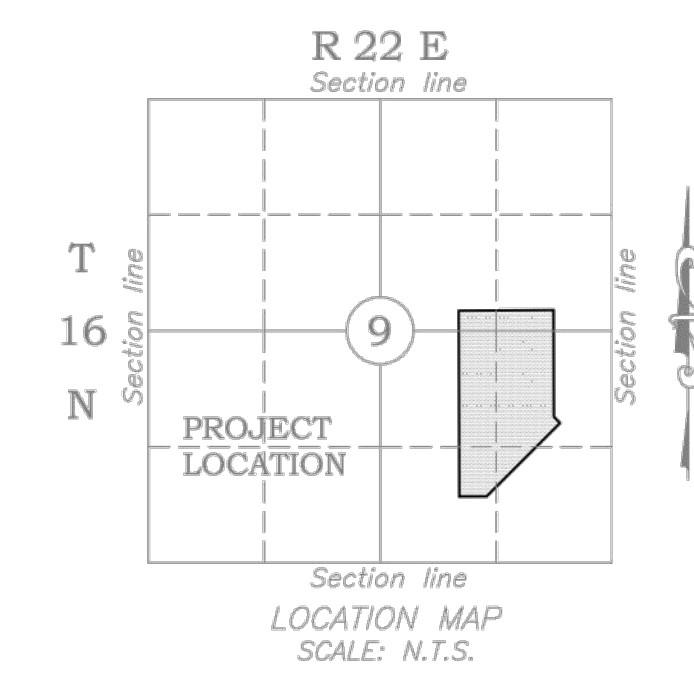
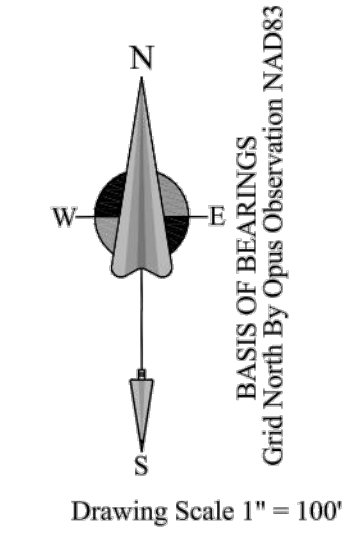
INDEX AND GENERAL CONSTRUCTION NOTES

Drawing name: P:\1610 DME Tahlequah\Cherokee\Production Drawings\1610_BPD3_SURV.dwg - D:\DTP\PLAT OF TOPOGRAPHIC MAPPING (2 OF 2) - Created by: CHTOMPSON - Apr 20, 2018 - 1:50pm - Copyright ADG, Inc. 2018
 3" = 1'-0"
 1 1/2" = 1'-0"
 1" = 1'-0"
 3/4" = 1'-0"
 1/2" = 1'-0"
 3/8" = 1'-0"
 1/4" = 1'-0"
 1/8" = 1'-0"



LOCATION MAP
SCALE: N.T.S.

- SURVEYORS NOTES:**
- Survey was performed without the benefit of a current Abstract, Commitment or Title Opinion. No Easements or Rights-of-Way were provided to the Surveyor.
 - Only those underground utilities were located as flagged by an Okie one call order #18012207130181 along with observed meters, control box's and other visible utility's as found in the process of mapping site. Krohn Surveying make no guarantee that this comprises all the underground utilities.
 - Subject property is located in Zone X according to both Firm Maps 40021C0265D and 40021C0400D. Low lying areas may be subject to flooding.
 - Bearings are NAD(83) Oklahoma North Zone. Horizontal coordinates as shown hereon are tied to and static GPS session observed on a 1/2" Iron Rod set with Krohn CA6716 orange cap. A separate static GPS session was also observed on said point to verify horizontal accuracy position.
 - Vertical benchmark as shown hereon are tied to and static GPS session observed on a 1/2" Iron Rod set with Krohn CA6716 orange cap. A separate static GPS session was also observed on said point to verify both vertical accuracy.
 - Trust land description as shown hereon was found in Book 1166, Page 740, Office of the County Clerk, Cherokee County. The Basis Bearings for said description stated that they were based geodetic bearings. This topographic maps Basis of Bearings is based on NAD83 Oklahoma North Zone.
 - Several tele-comm hand holes were found along the east and west sides of Seven Clans Ave., but had no markings between them. The conduit maybe ran but no lines have been installed from hand hole to hand hole so it would make the line un-locatable at this time.
 - Seven Clans Drive is all concrete surface
 - Willis Road is asphalt surface
 - The no name street has asphalt driving lanes with concrete curb.
 - No utility was marked in the 20' City of Tahlequah Easement Book 286, Page 241. It is unknown if any utility's are in service or have been abandoned.
 - The Oklahoma Gas and Electric easement shown hereon is depicted from the apparent centerline of the existing poles and overhead lines.



LEGEND

	Stripe arrow
	Stop Sign
	Storm water manhole
	Set 1/2" Rebar CA 6716 Cap
	Tile corner vault
	Bore Test hole
	Benchmark
	Found monument as noted
	Found map nail as noted
	Calculated corner not set
	Electric guy anchor
	Electric pole
	Electric pullbox
	Small Electric pullbox
	Electric meter
	Telephone box
	Gas valve
	Water meter
	Water valve
	Fire hydrant
	Irrigation control valve
	Sanitary sewer manhole
	Sign as noted
	Underground water line
	Overhead electric line
	Underground electric line
	Underground natural gas line
	Underground telephone line
	Easements/rights-of-way
	Pipe fence line
	Barbed wire fence
	Body of water

Plat of Topographic Mapping for the Cherokee Nation of Oklahoma

Being part of E/2 Section 9, Township 16 North, Range 22 East, I.B.M. Cherokee County, State of Oklahoma

UNITED STATE OF AMERICA IN TRUST FOR CHEROKEE NATION

LEGAL DESCRIPTION BOOK 1166, Page 740:
 A tract of land situated in the SE1/4 and in the S1/2 S1/2 NE1/4 of Section 9, Township 16 North, Range 22 East of the Indian Meridian, Cherokee County, Oklahoma, being a portion of that parcel of land conveyed to Cherokee Nation Property Management L.L.C. in Document No. I-2012-008705 filed December 28, 2012 in Book 1055 at Page 778-779 in the official records of the Cherokee County Clerk, said tract being more particularly described as follows:

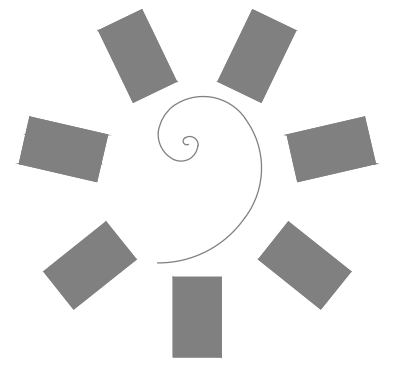
- COMMENCING at the Southeast Corner of said SE1/4, marked with a mag nail;
 Thence N89°52'00"W along the South boundary of said Section 9, a distance of 1734.91 feet;
 Thence N0°05'50"W a distance of 758.57 feet to a 3/8" rebar capped Chaffin LS 1243 to the true POINT OF BEGINNING;
 Thence N0°05'50"W a distance of 2117.10 feet to a 3/8" rebar capped Chaffin LS 1243;
 Thence N89°54'10"E a distance of 1083.04 feet to a 3/8" rebar capped Chaffin LS 1243;
 Thence S0°04'58"W a distance of 1215.47 feet to a 3/8" rebar capped Chaffin LS 1243;
 Thence S44°11'33"E a distance of 101.33 feet to a 3/8" rebar capped Chaffin LS 1243;
 Thence S45°16'33"W a distance of 1179.88 feet to a 3/8" rebar capped Chaffin LS 1243;
 Thence S89°54'10"W a distance of 310.02 feet to the POINT OF BEGINNING.

Containing 45.92 acres more or less. SURFACE ONLY, BASIS OF BEARINGS-BEARINGS BASED ON GPS READINGS TAKEN ON SECTION CONTROL AND ARE GEODETIC NORTH.

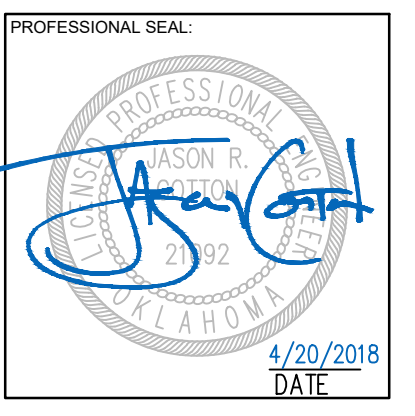
		Survey for Cherokee Nation of Oklahoma Part of E/2 of Sec. 9 T16N R22E Cherokee County, Oklahoma	Revision Reason Date 1 2 3
Sheet 2 of 2 Project Book 2018006 Folder 2018006	Date of Survey Jan. 26, 2018 Date of last revision Jan. 25, 2018 U.S. Survey Feet Basis of bearings Grid North NAD83	Drawing Scale 1" = 100' Measurement method U.S. Survey Feet KROHN SURVEYING, INC. P.O. Box 344, Lone Grove, OK 73443 (918) 400-3622 - info@krohnsurveying.com	

NOTES TO CONTRACTOR

- SURVEY PREPARED BY KROHN SURVEYING, INC OF LONE GROVE, OKLAHOMA (CONTACT INFORMATION ABOVE). SURVEY APPEARS TO HAVE BEEN PREPARED UNDER CONTRACT WITH CHEROKEE NATION OF OKLAHOMA. THE SURVEY WAS PROVIDED BY JAMES R. CHILDERS, ARCHITECT, INC. TO ADG, PC ON JANUARY 31, 2018 AND IS PROVIDED AS A PART OF THIS BID PACKAGE FOR REFERENCE ONLY.
- THE UNOFFICIAL REPRODUCTION OF THIS SURVEY AS A PART OF THESE CONSTRUCTION DRAWINGS HAS BEEN INCLUDED AS A COURTESY TO THE CONTRACTOR AND TO AID IN PROPERLY COMPLETING CONSTRUCTION STAKING FOR THE PROJECT. IN THE EVENT THAT AN OFFICIAL BOUNDARY SURVEY IS REQUIRED, THE CONTRACTOR IS ADVISED TO CONTACT KROHN SURVEYING, INC. DIRECTLY.
- ADG, PC ASSUMES NO LIABILITY FOR WORK COMPLETED BY KROHN SURVEYING, INC. IN CONJUNCTION WITH THIS PROJECT.



James R. Childers Architect, Inc.
 45 South 4th Street
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 479-783-2480
 www.childersarchitect.com



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920 West Main
 Oklahoma City, OK 73106
 P 405.232.5700
 W www.adgokc.com
 CA 6447, exp. 06.30.2018

CLIENT:

CHEROKEE NATION ENTERTAINMENT
 TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 04

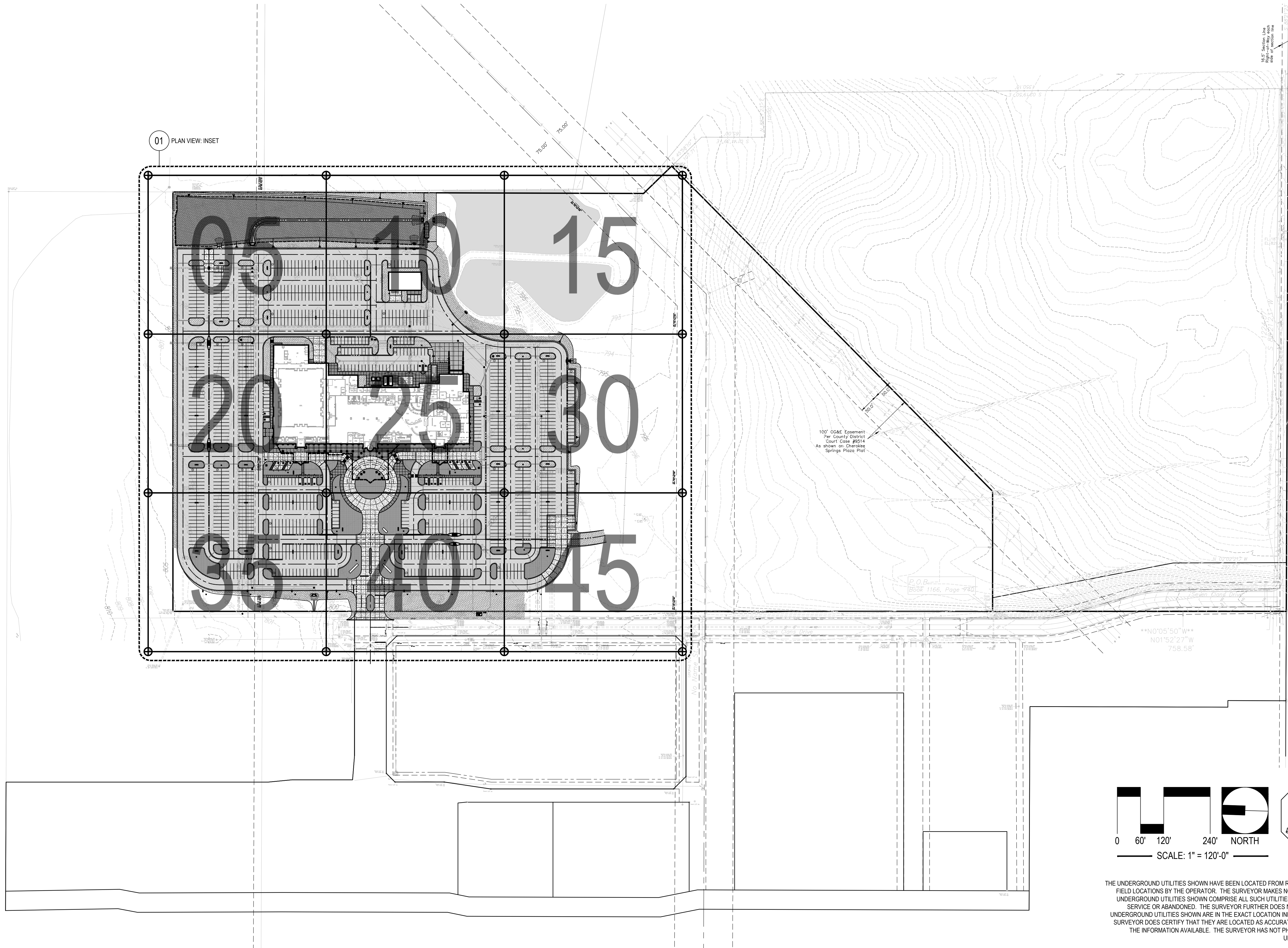
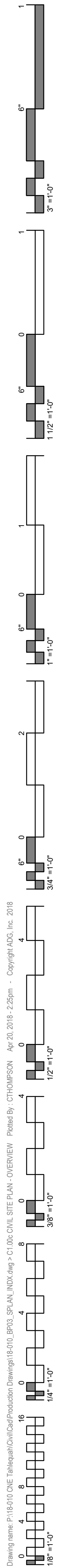
REVISIONS		
#	DATE	DESCRIPTION

DATE: 04.20.2018	JOB NUMBER: 17-06
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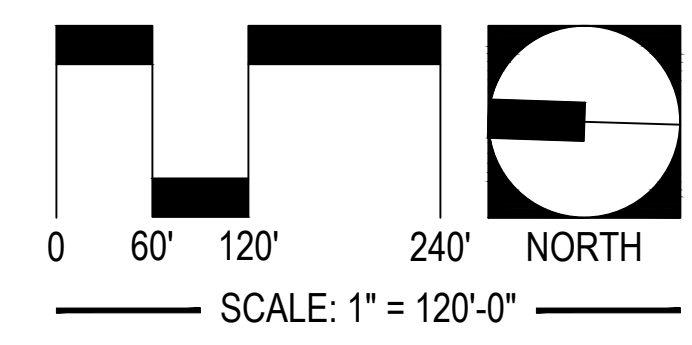
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C0.03c

PLAT OF TOPOGRAPHIC MAPPING (2 OF 2)

Drawing name: P:\181010 ONE Tahlequah\CAD\Production Drawings\181010_BPID_SPLAN_ANDCWP > C1.00CIVIL SITE PLAN - OVERVIEW / Printed By: CHOMPSON Apr 20, 2018 2:25pm - Copyright ADG, Inc. 2018

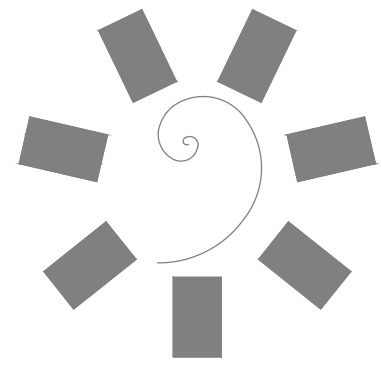


01 PLAN VIEW: INSET



UTILITY WARNING:
 THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

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 CA 6447, exp. 06.30.2018

CLIENT:

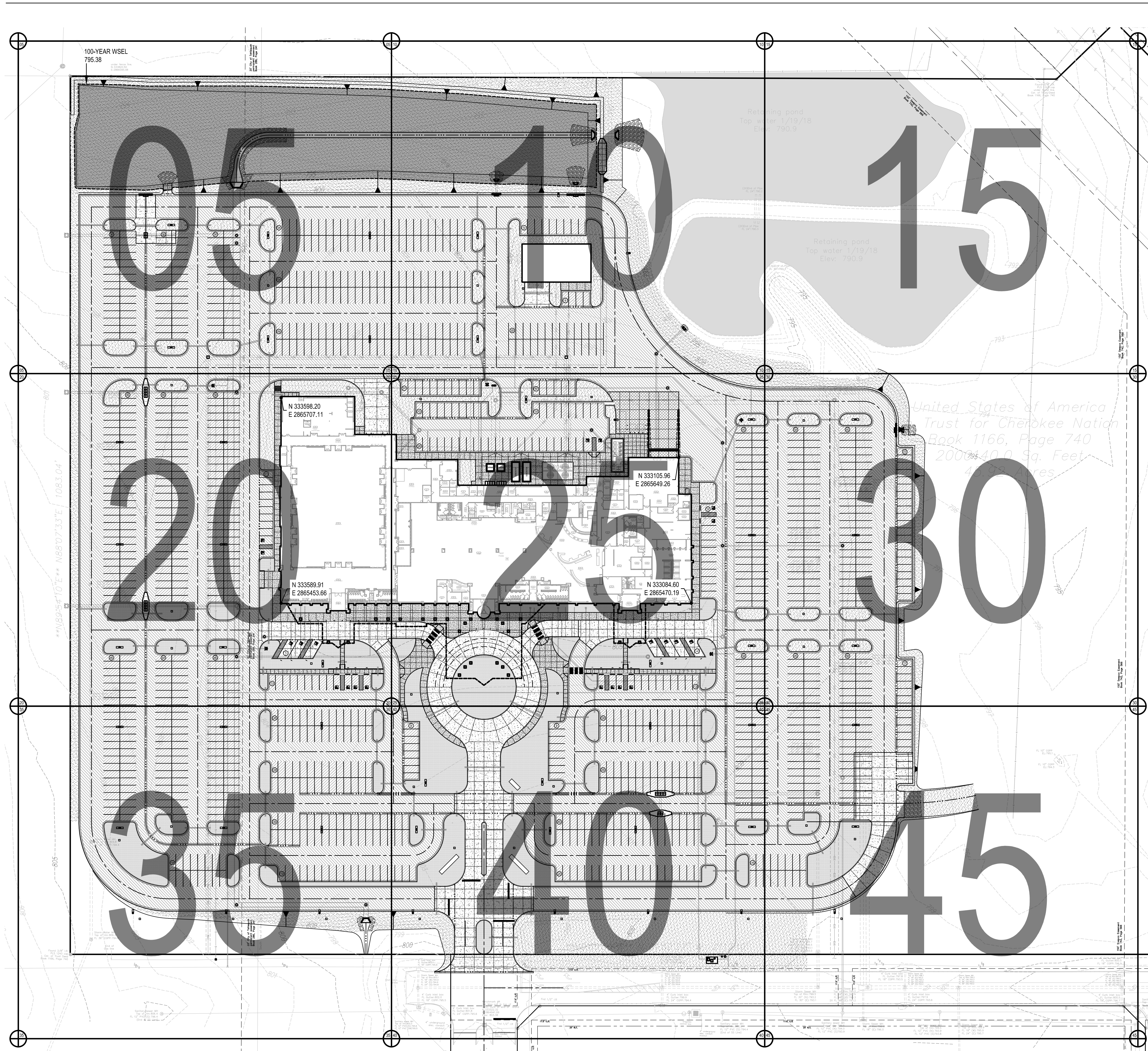
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

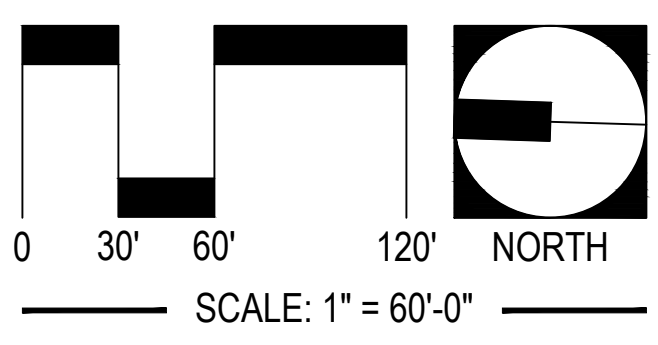
DATE: 04.20.2018 JOB NUMBER: 17-06
 SHEET NUMBER:
C1.00c
 CIVIL SITE PLAN - OVERVIEW

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LEGEND

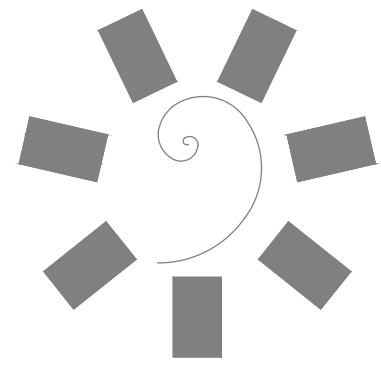
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- PROPOSED LANDSCAPE BED. SEE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DETAIL AND INFORMATION.



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01 PLAN VIEW: INSET
 SCALE: AS SHOWN



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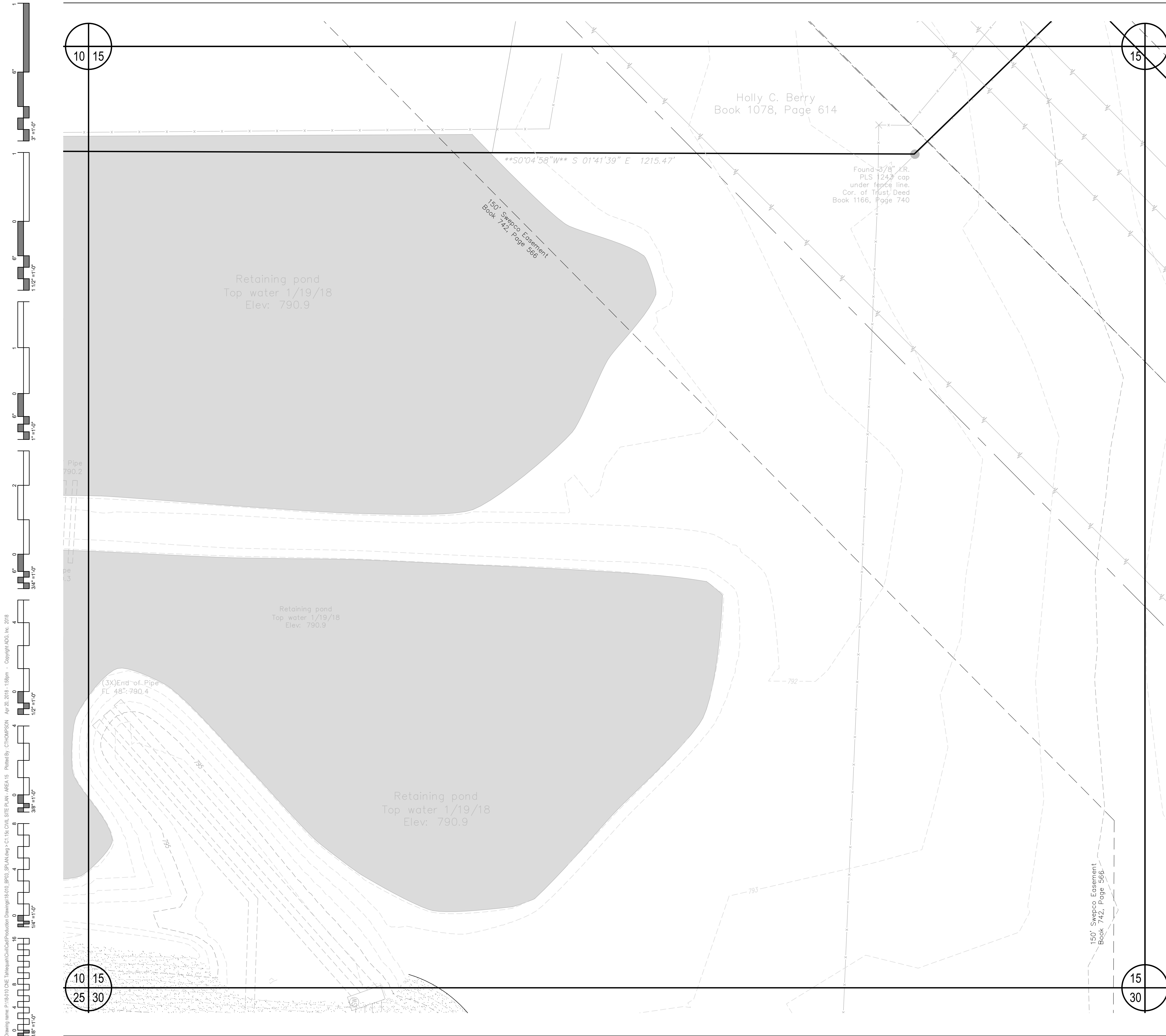
CHEROKEE NATION ENTERTAINMENT
TAHLEQUAH CASINO
 TAHLEQUAH, OKLAHOMA

PROJECT PHASE:
BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

DATE: 04.20.2018 JOB NUMBER: 17-06

SHEET NUMBER:
C1.02c
 CIVIL SITE PLAN INDEX



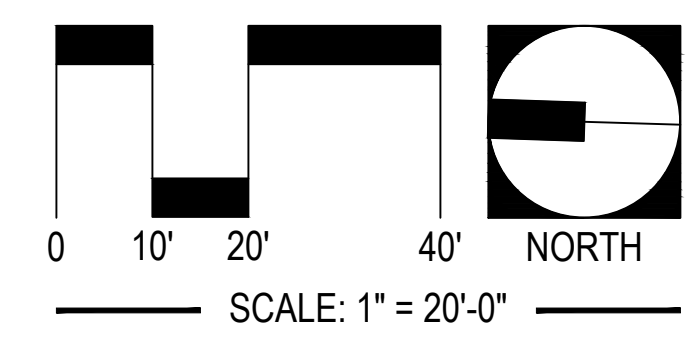
LEGEND

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SITE PLAN KEYNOTES

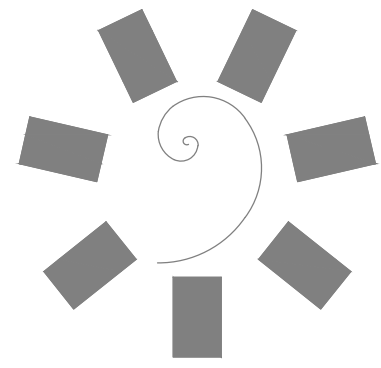
ID	DESCRIPTION
1.30	PROVIDE ACCESSIBLE SPACE PAVEMENT MARKING PER 09/C9.05c AND SECTION 32 1723 OF THE PROJECT SPECIFICATIONS. PAVEMENT MARKING SHALL MEET THE REQUIREMENTS OF MUTCD, CURRENT EDITION (TYPICAL).
1.31	4-IN WHITE PARKING SPACE STRIPING PER SECTION 32 1723 OF THE PROJECT SPECIFICATIONS (TYPICAL).
1.32	ACCESSIBLE PARKING SPACE LOADING ZONE. CONTRACTOR TO PROVIDE 4-IN WHITE BORDER WITH 4-IN WHITE DIAGONALS SPACES AT 24-IN CENTERS. WORK TO BE COMPLETED PER SECTION 32 1723 OF THE PROJECT SPECIFICATIONS.
1.33	(2) 4-IN SCH40 PVC SLEEVES (FUTURE IRRIGATION SERVICE) DEPTH OF SLEEVES SHALL BE MINIMUM OF 24-IN BELOW BOTTOM OF OVERLYING SIDEWALK OF VEHICULAR PAVING SUBGRADE. (TYPICAL)
1.34	PROPOSED SITE LIGHTING LIGHT POLE/POLE BASE PER ELECTRICAL DRAWINGS. SEE ELECTRICAL DOCUMENTS FOR ADDITIONAL DETAIL INFORMATION.
1.35	ELECTRICAL PULL BOX PER SERVICE PROVIDER REQUIREMENTS. CONTRACTOR SHALL MAKE TOP OF PULL BOX LEVEL. TOP OF PULL BOX SHALL 0.10-FT ABOVE HIGHEST SURROUNDING GRADE.
1.37	PROPOSED TRANSFORMER LOCATIONS. CONSTRUCT CONCRETE TRANSFORMER PAD PER ELECTRICAL SERVICE PROVIDER REQUIREMENTS/STANDARDS. SEE ELECTRICAL DOCUMENTS FOR ADDITIONAL DETAIL INFORMATION.
1.38	PROPOSED GENERATOR LOCATIONS. EQUIPMENT FOUNDATION SHALL BE PER GENERATOR MANUFACTURER REQUIREMENTS. SEE ELECTRICAL AND STRUCTURAL DOCUMENTS FOR ADDITIONAL DETAIL INFORMATION.
1.39	PROPOSED ARCHITECTURAL BOLLARD PER ELECTRICAL PLANS AND SPECIFICATIONS. BOLLARD FOUNDATION PER MANUFACTURER REQUIREMENTS AND STRUCTURAL ENGINEER RECOMMENDATIONS.
1.80	CONSTRUCT VEHICULAR/EQUIPMENT GATE PER 01/C9.20c AND SECTION 32 3113 OF THE PROJECT SPECIFICATIONS (TYPICAL).
1.80b	CONSTRUCT PEDESTRIAN GATE PER 01/C9.20c AND SECTION 32 3113 OF THE PROJECT SPECIFICATIONS (TYPICAL).
1.90	CONSTRUCT 24-IN x 8-IN CONCRETE CUT-OFF WALL AT FLUME TERMINATION.
1.91a	INSTALL 6-IN COURSE OF 4-IN (D50) RIPRAP AT STORM WATER OUTFALL. METHODS AND MATERIALS SHALL BE PER THE REQUIREMENTS OF SECTION 33 4100 OF THE PROJECT SPECIFICATIONS.
1.91b	INSTALL 18-IN COURSE OF 12-IN (D50) RIPRAP AT STORM WATER OUTFALL. METHODS AND MATERIALS SHALL BE PER THE REQUIREMENTS OF SECTION 33 4100 OF THE PROJECT SPECIFICATIONS.
1.92	APPROXIMATE 100-YEAR WSEL OF PROPOSED STORM WATER DETENTION FACILITY. SEE DRAINAGE AND DETENTION REPORT FOR ADDITIONAL DETAIL AND INFORMATION.
1.93	PROPOSED PC CONCRETE SPILLWAY WITH 4:1 SIDE SLOPES. INSTALL 8-IN PC CONCRETE OVER 6-IN TYPE A AGGREGATE BASE. CONTRACTOR SHALL CONSTRUCT 8-IN x 24-IN CONCRETE CUT-OFF WALL AT PERIMETER OF SPILLWAY INSTALLATION.

NOTE TO CONTRACTOR: COORDINATE DATA HAS BEEN TRUNCATED FOR CLARITY. STATE PLANE COORDINATES MAY BE OBTAINED BY ADDING 330,000 TO ALL PROVIDED NORTHINGS AND 2,800,000 TO ALL PROVIDED EASTINGS.



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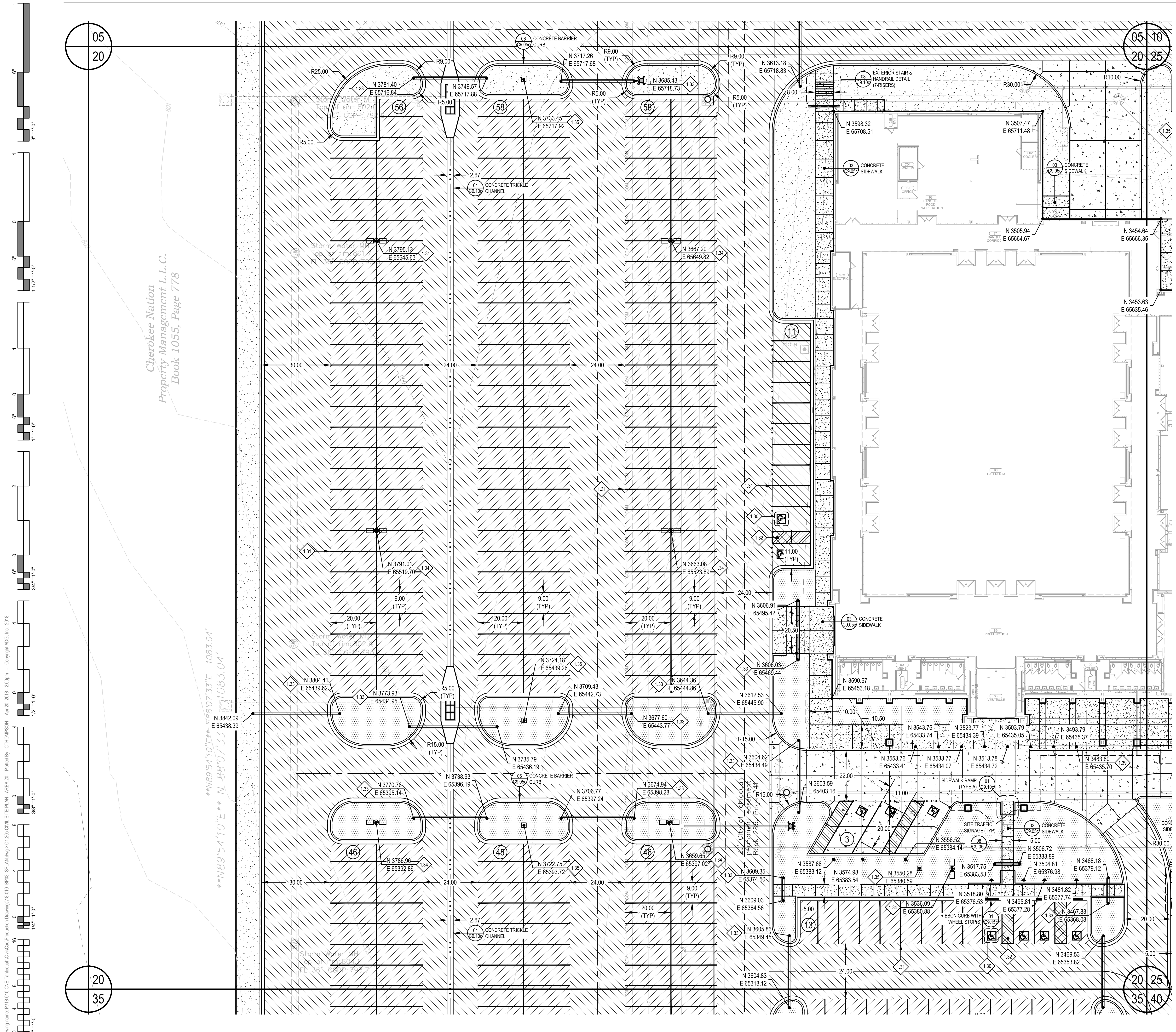
PROJECT PHASE:
BID PACKAGE 04

REVISIONS		
#	DATE	DESCRIPTION

DATE: 04.20.2018
 JOB NUMBER: 17-06

SHEET NUMBER:
C1.15c
 CIVIL SITE PLAN - AREA 15

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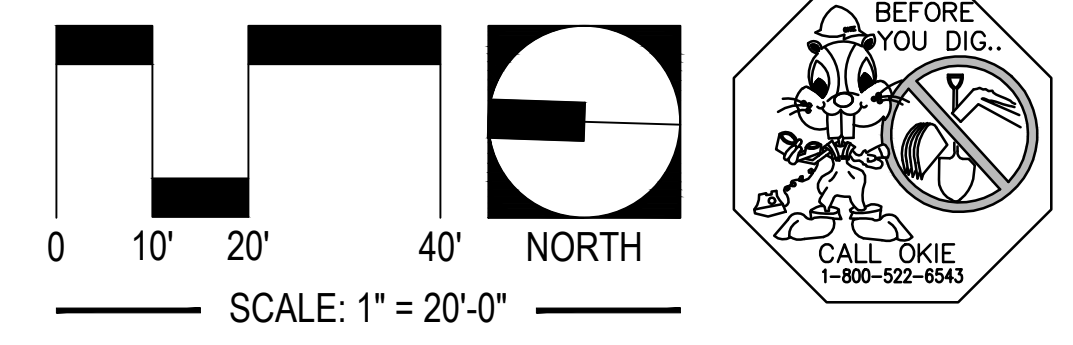
LEGEND

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SITE PLAN KEYNOTES

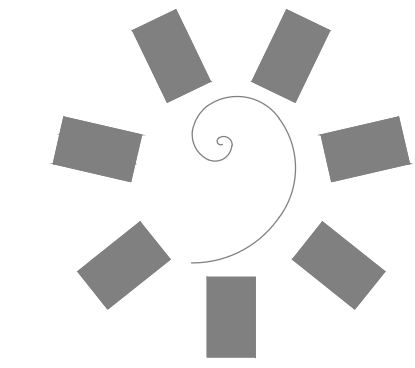
ID	DESCRIPTION
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1.93	PROPOSED PC CONCRETE SPILLWAY WITH 4:1 SIDE SLOPES. INSTALL 8-IN PC CONCRETE OVER 6-IN TYPE A AGGREGATE BASE. CONTRACTOR SHALL CONSTRUCT 8-IN x 24-IN CONCRETE CUT-OFF WALL AT PERIMETER OF SPILLWAY INSTALLATION.

NOTE TO CONTRACTOR: COORDINATE DATA HAS BEEN TRUNCATED FOR CLARITY. STATE PLANE COORDINATES MAY BE OBTAINED BY ADDING 330,000 TO ALL PROVIDED NORTHINGS AND 2,800,000 TO ALL PROVIDED EASTINGS.

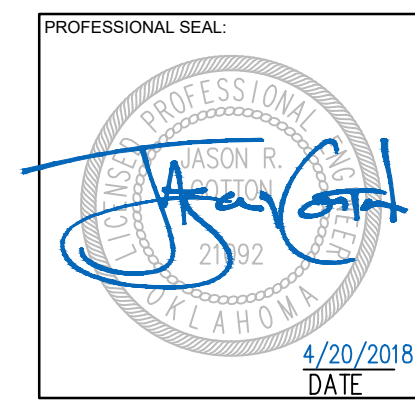


UTILITY WARNING:
 THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



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 TAHLEQUAH, OKLAHOMA

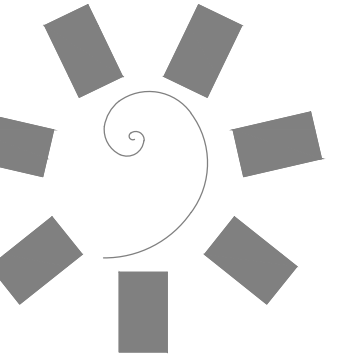
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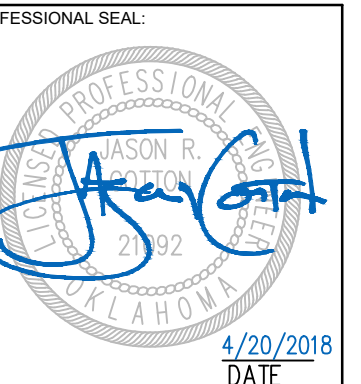
DATE: 04.20.2018
 JOB NUMBER: 17-06

SHEET NUMBER:
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 CIVIL SITE PLAN - AREA 20

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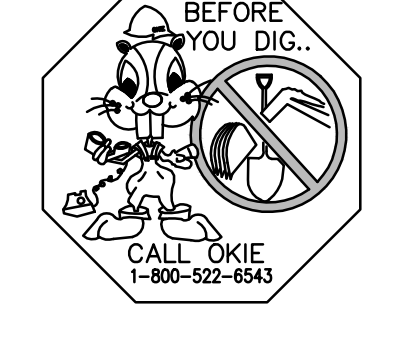
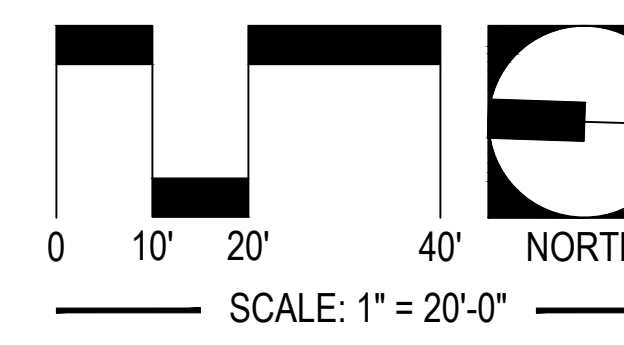
LEGEND

- PROPOSED PC CONCRETE SIDEWALK / PATIO PER 03/C9.05c. WORK TO BE PERFORMED PER SECTION 32 1313 OF THE PROJECT SPECIFICATIONS. SIDEWALK IMPROVEMENTS IN PUBLIC RW SHALL BE PER CITY OF CITY OF TAHLEQUAH STANDARDS AND SPECIFICATIONS.
- HEAVY-DUTY PAVING SECTION PER 01/C9.05c AND SECTION 32 1216 / 32 1313 OF THE PROJECT SPECIFICATIONS. IN THE EVENT THAT A RIGID PAVING SECTION IS SELECTED BY THE OWNER, CONTRACTOR TO PROVIDE FINAL JOINT LAYOUT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. EXPANSION AND CONTRACTION JOINTS TO BE CONSTRUCTED PER 04/C9.05c AND 05/C9.05c, RESPECTIVELY.
- LIGHT-DUTY PAVING SECTION PER 01/C9.05c AND SECTION 32 1216 / 32 1313 OF THE PROJECT SPECIFICATIONS. IN THE EVENT THAT A RIGID PAVING SECTION IS SELECTED BY THE OWNER, CONTRACTOR TO PROVIDE FINAL JOINT LAYOUT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. EXPANSION AND CONTRACTION JOINTS TO BE CONSTRUCTED PER 04/C9.05c AND 05/C9.05c, RESPECTIVELY.
- REINFORCED CONCRETE PAVING SECTION PER 02/C9.05c AND SECTION 32 1313 OF THE PROJECT SPECIFICATIONS. PROVIDED JOINT LAYOUT IS APPROXIMATE. CONTRACTOR TO PROVIDE FINAL JOINT LAYOUT TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. EXPANSION AND CONTRACTION JOINTS TO BE CONSTRUCTED PER 04/C9.05c AND 05/C9.05c, RESPECTIVELY.
- PROPOSED TURF AREA. CONTRACTOR TO INSTALL SOLID SLAB SODDING PER SECTION 32 9223 OF THE PROJECT SPECIFICATIONS. CONTRACTOR RESPONSIBLE FOR IRRIGATION AND MAINTENANCE OF TURF AREA UNTIL SUCH TIME THAT A VIGOROUS VEGETATIVE COVER HAS BEEN ESTABLISHED. SEE SWPPP FOR ADDITIONAL REQUIREMENTS RELATED TO STABILIZATION OF DISTURBED AREAS.
- PROPOSED LANDSCAPE BED. SEE LANDSCAPE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DETAIL AND INFORMATION.

SITE PLAN KEYNOTES

ID	DESCRIPTION
130	PROVIDE ACCESSIBLE SPACE PAVEMENT MARKING PER 09/C9.05c AND SECTION 32 1723 OF THE PROJECT SPECIFICATIONS. PAVEMENT MARKING SHALL MEET THE REQUIREMENTS OF MUTCD, CURRENT EDITION (TYPICAL).
131	4-IN WHITE PARKING SPACE STRIPING PER SECTION 32 1723 OF THE PROJECT SPECIFICATIONS (TYPICAL).
132	ACCESSIBLE PARKING SPACE LOADING ZONE. CONTRACTOR TO PROVIDE 4-IN WHITE BORDER WITH 4-IN WHITE DIAGONAL SPACES AT 24-IN CENTERS. WORK TO BE COMPLETED PER SECTION 32 1723 OF THE PROJECT SPECIFICATIONS.
133	(2) 4-IN SCH40 PVC SLEEVES (FUTURE IRRIGATION SERVICE) DEPTH OF SLEEVES SHALL BE MINIMUM OF 24-IN BELOW BOTTOM OF OVERLYING SIDEWALK OF VEHICULAR PAVING SUBGRADE. (TYPICAL)
134	PROPOSED SITE LIGHTING LIGHT POLE POLE BASE PER ELECTRICAL DRAWINGS. SEE ELECTRICAL DOCUMENTS FOR ADDITIONAL DETAIL INFORMATION.
135	ELECTRICAL PULL BOX PER SERVICE PROVIDER REQUIREMENTS. CONTRACTOR SHALL MAKE TOP OF PULL BOX LEVEL. TOP OF PULL BOX SHALL 0.10 FT ABOVE HIGHEST SURROUNDING GRADE.
137	PROPOSED TRANSFORMER LOCATIONS. CONSTRUCT CONCRETE TRANSFORMER PAD PER ELECTRICAL SERVICE PROVIDER REQUIREMENTS/STANDARDS. SEE ELECTRICAL DOCUMENTS FOR ADDITIONAL DETAIL INFORMATION.
138	PROPOSED GENERATOR LOCATIONS. EQUIPMENT FOUNDATION SHALL BE PER GENERATOR MANUFACTURER REQUIREMENTS. SEE ELECTRICAL AND STRUCTURAL DOCUMENTS FOR ADDITIONAL DETAIL INFORMATION.
139	PROPOSED ARCHITECTURAL BOLLARD PER ELECTRICAL PLANS AND SPECIFICATIONS. BOLLARD FOUNDATION PER MANUFACTURER REQUIREMENTS AND STRUCTURAL ENGINEER RECOMMENDATIONS.
180	CONSTRUCT VEHICULAR/EQUIPMENT GATE PER 01/C9.20c AND SECTION 32 3113 OF THE PROJECT SPECIFICATIONS (TYPICAL).
180b	CONSTRUCT PEDESTRIAN GATE PER 01/C9.20c AND SECTION 32 3113 OF THE PROJECT SPECIFICATIONS (TYPICAL).
190	CONSTRUCT 24-IN x 8-IN CONCRETE CUT-OFF WALL AT FLUME TERMINATION.
191a	INSTALL 6-IN COURSE OF 4-IN (D50) RIPRAP AT STORM WATER OUTFALL. METHODS AND MATERIALS SHALL BE PER THE REQUIREMENTS OF SECTION 33 4100 OF THE PROJECT SPECIFICATIONS.
191b	INSTALL 18-IN COURSE OF 12-IN (D50) RIPRAP AT STORM WATER OUTFALL. METHODS AND MATERIALS SHALL BE PER THE REQUIREMENTS OF SECTION 33 4100 OF THE PROJECT SPECIFICATIONS.
192	APPROXIMATE 100-YEAR WSEL OF PROPOSED STORM WATER DETENTION FACILITY. SEE DRAINAGE AND DETENTION REPORT FOR ADDITIONAL DETAIL AND INFORMATION.
193	PROPOSED PC CONCRETE SPILLWAY WITH 4:1 SIDE SLOPES. INSTALL 8-IN PC CONCRETE OVER 8-IN TYPE A AGGREGATE BASE. CONTRACTOR SHALL CONSTRUCT 8-IN x 24-IN CONCRETE CUT-OFF WALL AT PERIMETER OF SPILLWAY INSTALLATION.

NOTE TO CONTRACTOR: COORDINATE DATA HAS BEEN TRUNCATED FOR CLARITY. STATE PLANE COORDINATES MAY BE OBTAINED BY ADDING 330,000 TO ALL PROVIDED NORTHINGS AND 2,800,000 TO ALL PROVIDED EASTINGS.



UTILITY WARNING:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

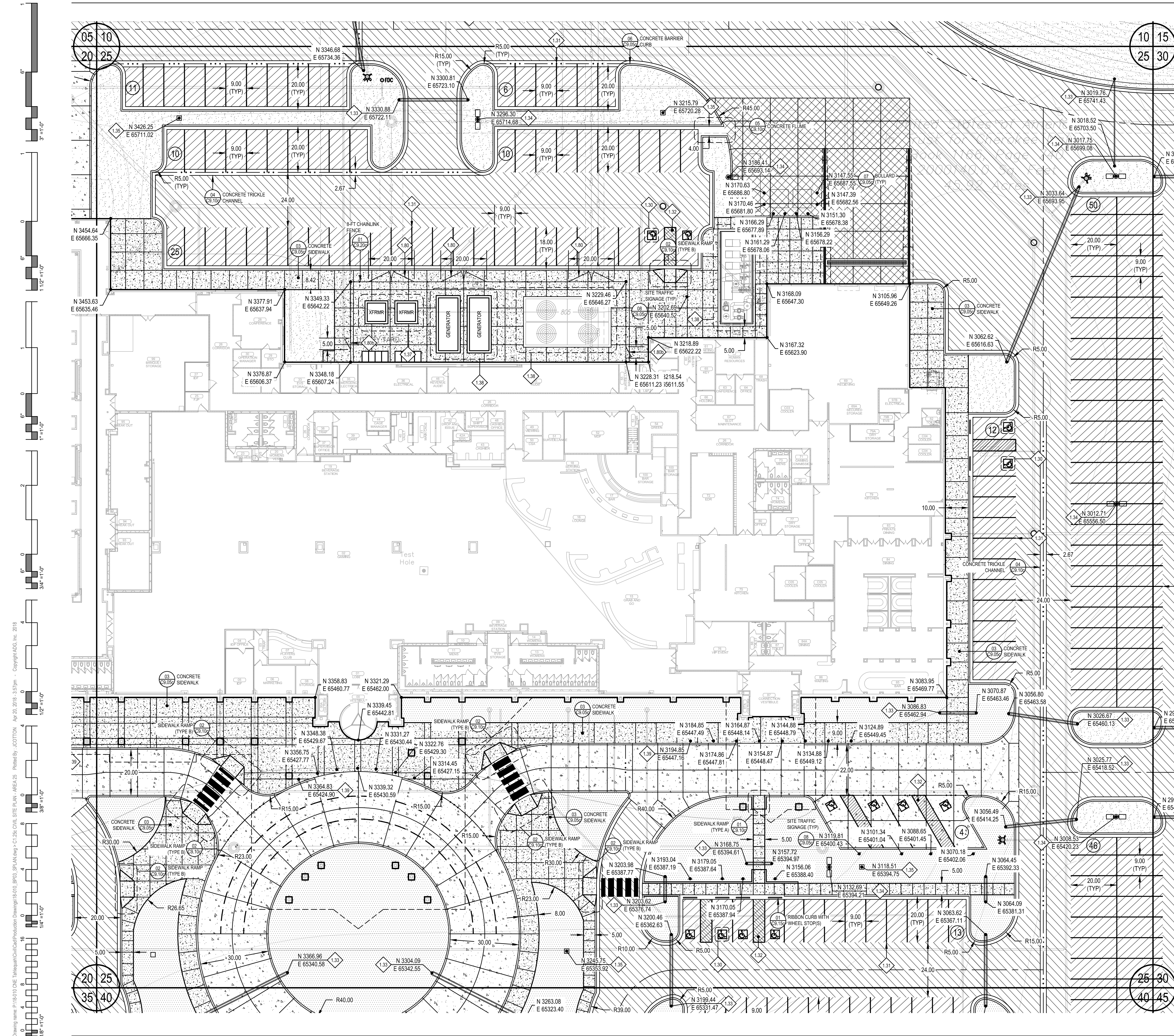
UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.

PROJECT PHASE:
BID PACKAGE 04

#	DATE	REVISIONS DESCRIPTION

DATE: 04.20.2018
JOB NUMBER: 17-06

SHEET NUMBER:
C1.25c
CIVIL SITE PLAN - AREA 25



Drawing name: P:\61010 ONE Tahlequah\Civil\Process\Drawings\61010_BID_03_SIPAN.dwg - C:\26-CIVIL SITE PLAN - AREA 25 - CHILDS\ADG, Inc. 2018
Apr 20, 2018 3:55pm - Plotted By: J.COTTON
1/2" = 1'-0"
3/4" = 1'-0"
1/2" = 1'-0"
3/8" = 1'-0"
1/4" = 1'-0"
1/8" = 1'-0"