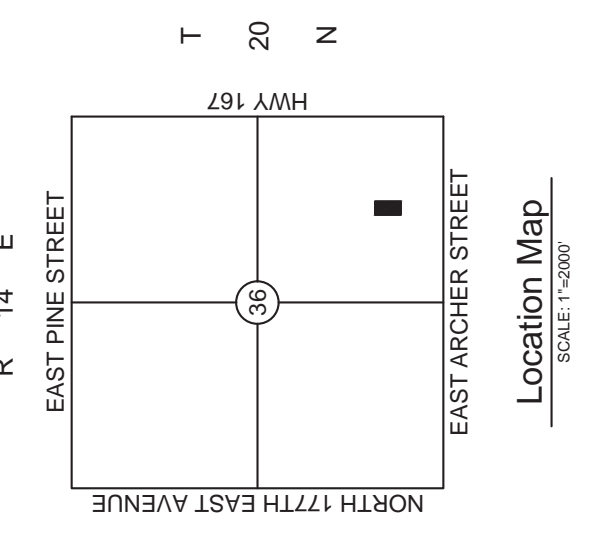
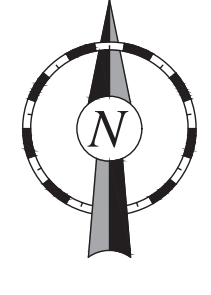
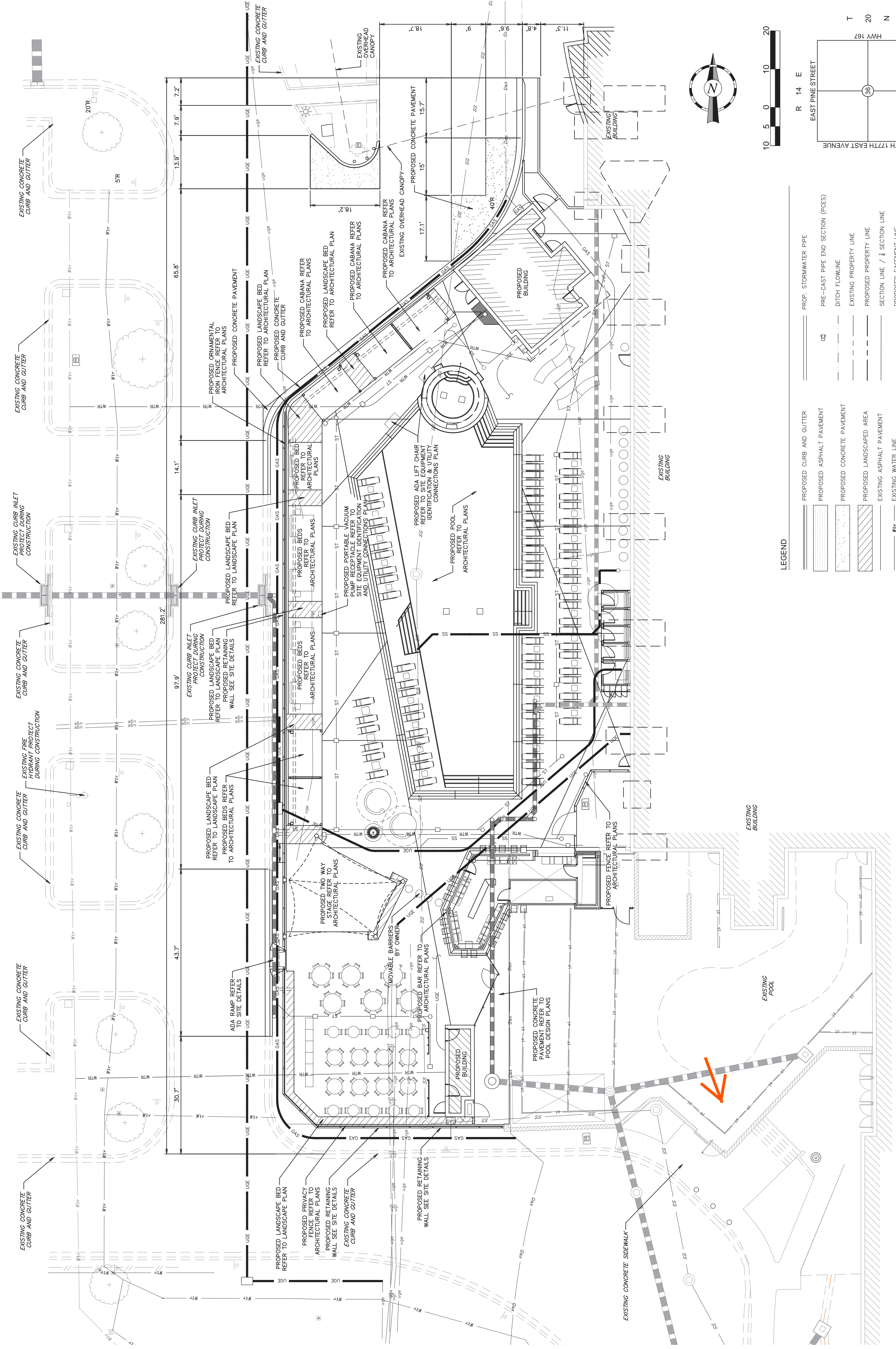
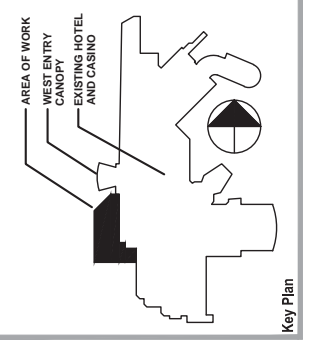
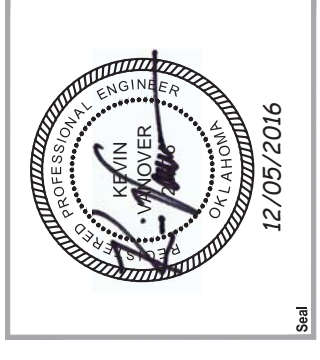


OLSSON ASSOCIATES

100 N. Birch St., Suite 200
 Cary, NC 27513
 TEL: 919.689.4298 FAX: 919.689.4290
 www.olssonassociates.com

HARD ROCK POOL

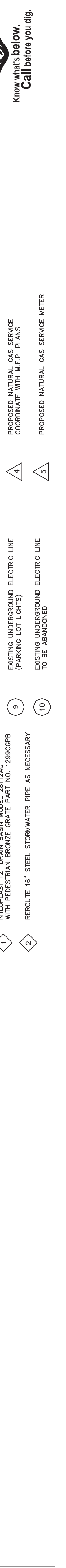
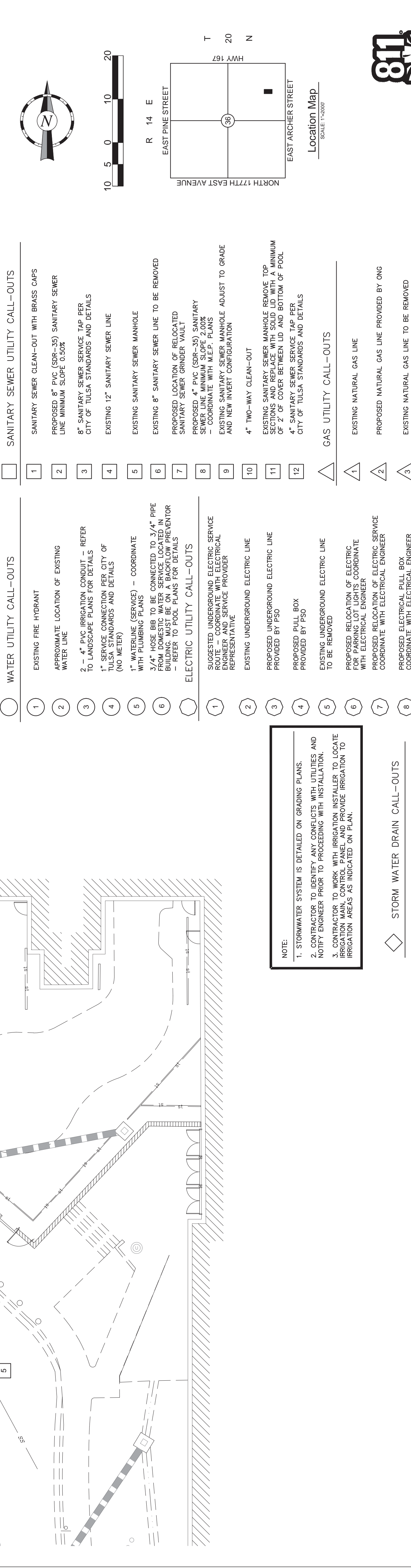
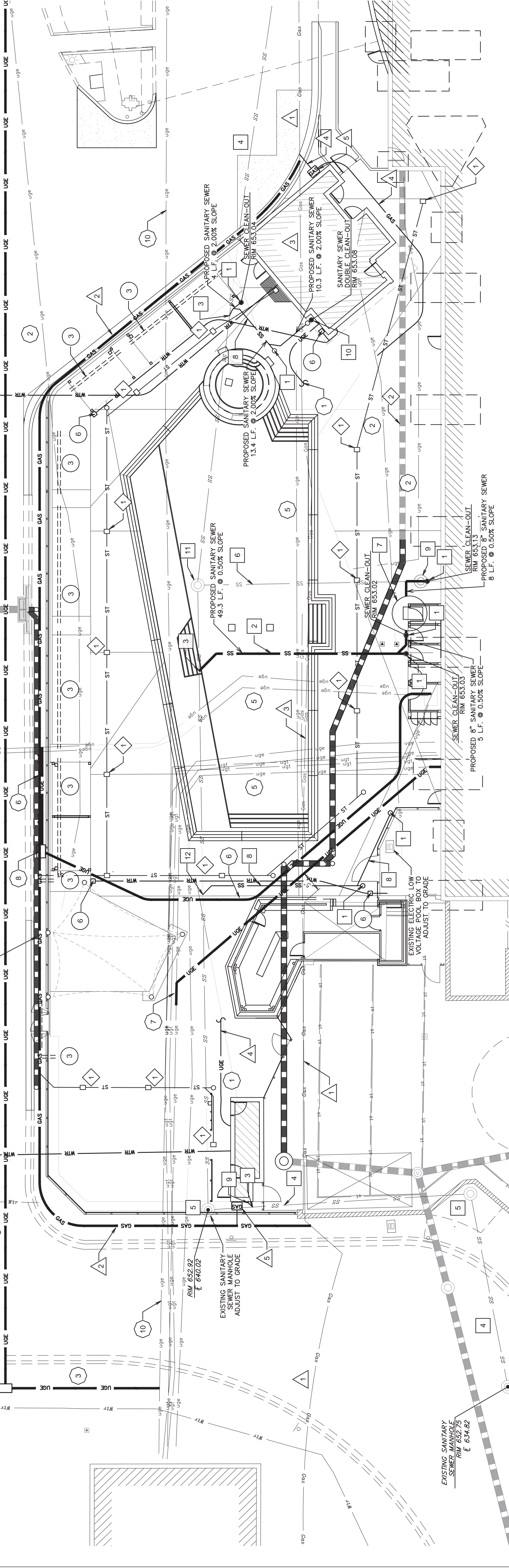
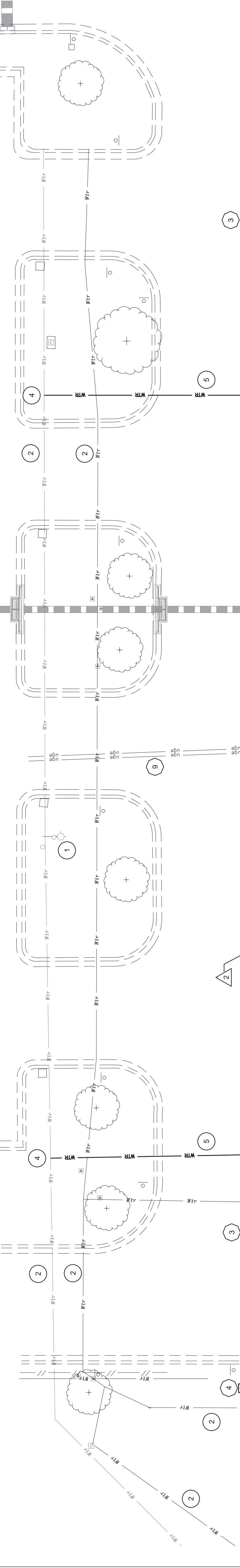
CHEROKEE NATION ENTERTAINMENT, LLC
 777 W. CHEROKEE ST., CAYDOSA, OK 74015



LEGEND

	PROPOSED CURB AND GUTTER		PROP. STORMWATER PIPE
	PROPOSED ASPHALT PAVEMENT		PRE-CAST PIPE END SECTION (PCEs)
	PROPOSED CONCRETE PAVEMENT		DITCH FLOWLINE
	PROPOSED LANDSCAPED AREA		EXISTING PROPERTY LINE
	EXISTING ASPHALT PAVEMENT		PROPOSED PROPERTY LINE
	EXISTING WATER LINE		SECTION LINE / 1/4 SECTION LINE
	PROPOSED WATER LINE		PROPOSED EASEMENT LINE
	EXISTING SANITARY SEWER		PROPOSED BUILDING SETBACK LINE
	PROPOSED SANITARY SEWER		FIRE HYDRANT
	PROPOSED SANITARY SEWER MANHOLE		PROPOSED SANITARY SEWER MANHOLE

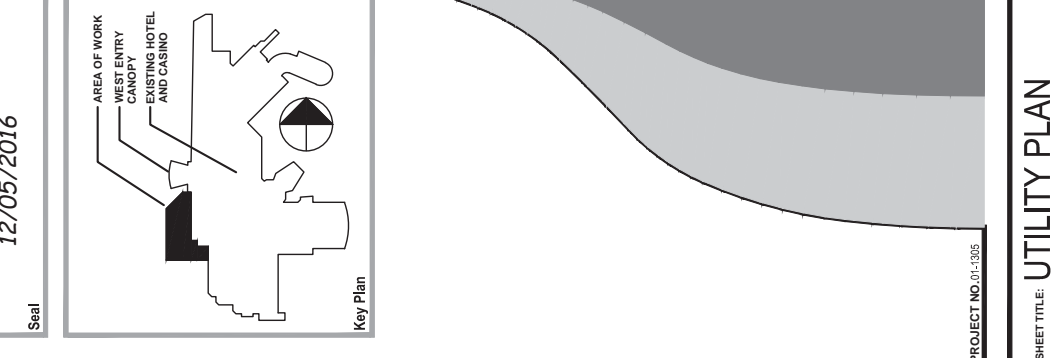
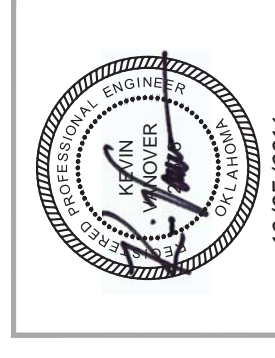




No.	Description	Date
1	ISSUE	03/26/2016
2	REVISE	12/05/2016
3	REVISION	03/26/2016

OLSSON ASSOCIATES
 109 N. Birch St., Suite 200
 Chicago, IL 60602
 TEL: 312.333.3333 FAX: 312.333.3333
 WWW.OLSSONASSOCIATES.COM

HARD ROCK POOL
 CHEROKEE NATIONAL ENTERTAINMENT, LLC
 777 W. CHEROKEE ST. CATAWBA, OK 74015



UTILITY PLAN
 PROJECT NO. 12345
 KGV
 12/05/2016

1. STORMWATER SYSTEM IS DETAILED ON GRADING PLANS.
 2. CONTRACTOR TO IDENTIFY ANY CONFLICTS WITH UTILITIES AND NOTIFY ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION.
 3. CONTRACTOR TO WORK WITH IRRIGATION INSTALLER TO LOCATE IRRIGATION MAIN, CONTROL PANEL, AND PROVIDE IRRIGATION TO IRRIGATION AREAS AS INDICATED ON PLAN.

WATER UTILITY CALL-OUTS

- EXISTING FIRE HYDRANT
- APPROXIMATE LOCATION OF EXISTING WATER LINE
- 4" PVC IRRIGATION CONDUIT - REFER TO LANDSCAPE PLANS FOR DETAILS
- 1" SERVICE CONNECTION PER CITY OF TULSA STANDARDS AND DETAILS (NO METER)
- 1" WATERLINE (SERVICE) - COORDINATE WITH PLUMBING PLANS
- 3/4" HOSE BB TO BE CONNECTED TO 3/4" PIPE AT BACKFLOW PREVENTOR BUILDING. MUST BE ON A BACKFLOW PREVENTOR - REFER TO POOL PLANS FOR DETAILS
- ELECTRIC UTILITY CALL-OUTS
- SUGGESTED UNDERGROUND ELECTRIC SERVICE ROUTE - COORDINATE WITH ELECTRICAL ENGINEER AND SERVICE PROVIDER REPRESENTATIVE
- EXISTING UNDERGROUND ELECTRIC LINE
- PROPOSED UNDERGROUND ELECTRIC LINE PROVIDED BY PSD
- PROPOSED PULL BOX PROVIDED BY PSD
- EXISTING UNDERGROUND ELECTRIC LINE TO BE REMOVED
- PROPOSED RELOCATION OF ELECTRIC SERVICE FOR PARKING LOT LIGHTS. COORDINATE WITH ELECTRICAL ENGINEER
- PROPOSED ELECTRICAL PULL BOX COORDINATE WITH ELECTRICAL ENGINEER
- EXISTING UNDERGROUND ELECTRIC LINE (PARKING LOT LIGHTS)
- EXISTING UNDERGROUND ELECTRIC LINE TO BE ABANDONED

SANITARY SEWER UTILITY CALL-OUTS

- SANITARY SEWER CLEAN-OUT WITH BRASS CAPS
- PROPOSED 8" PVC (SDR-35) SANITARY SEWER LINE MINIMUM SLOPE 0.50%
- 8" SANITARY SEWER SERVICE TAP PER CITY OF TULSA STANDARDS AND DETAILS
- EXISTING 12" SANITARY SEWER LINE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING 8" SANITARY SEWER LINE TO BE REMOVED
- PROPOSED LOCATION OF RELOCATED SANITARY SEWER GRINDER VAULT
- PROPOSED 4" PVC (SDR-35) SANITARY SEWER SERVICE TAP PER CITY OF TULSA STANDARDS AND DETAILS - COORDINATE WITH M.E.P. PLANS AND NEW INVERT CONFIGURATION
- 4" TWO-WAY CLEAN-OUT
- EXISTING SANITARY SEWER MANHOLE REMOVE TOP SECTIONS AND REPLACE WITH SOLID LID WITH A MINIMUM OF 2' OF COVER BETWEEN LID AND BOTTOM OF POOL
- 4" SANITARY SEWER SERVICE TAP PER CITY OF TULSA STANDARDS AND DETAILS
- GAS UTILITY CALL-OUTS
- EXISTING NATURAL GAS LINE
- PROPOSED NATURAL GAS LINE PROVIDED BY ONG
- EXISTING NATURAL GAS LINE TO BE REMOVED
- PROPOSED NATURAL GAS SERVICE - COORDINATE WITH M.E.P. PLANS
- PROPOSED NATURAL GAS SERVICE METER

STORM WATER DRAIN CALL-OUTS

- NYOPLAST 12" DRAIN BASIN MODEL 28112AG WITH PEDESTRIAN BRONZE GRATE PART NO. 12994CFB
- REROUTE 16" STEEL STORMWATER PIPE AS NECESSARY

NOTE:

- STORMWATER SYSTEM IS DETAILED ON GRADING PLANS.
- CONTRACTOR TO IDENTIFY ANY CONFLICTS WITH UTILITIES AND NOTIFY ENGINEER PRIOR TO PROCEEDING WITH INSTALLATION.
- CONTRACTOR TO WORK WITH IRRIGATION INSTALLER TO LOCATE IRRIGATION MAIN, CONTROL PANEL, AND PROVIDE IRRIGATION TO IRRIGATION AREAS AS INDICATED ON PLAN.

Know what's below. Call before you dig.