

UTILITY NOTES:

- ALL EXISTING UTILITIES SHALL REMAIN OPERATIONAL AND IN SERVICE AT ALL TIMES.
- CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND ENSURE NO CONFLICTS EXIST WITH PROPOSED IMPROVEMENTS. NOTIFY ENGINEER IMMEDIATELY IF UTILITIES ARE LOCATED DIFFERENTLY THAN SHOWN.
- CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANY PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS AND SPECIFICATIONS FOR PROPOSED UTILITIES CONNECTIONS. CONTRACTOR TO CONTACT ENGINEER IF DIFFERENT CONNECTION LOCATION IS DESIRED BY UTILITY COMPANY.
- THE CONTRACTOR SHALL COORDINATE WITH EACH RESPECTIVE UTILITY COMPANY IN ORDER TO RELOCATE IF NEEDED IN CONFORMANCE WITH THEIR GUIDELINES.
- CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO THE REMOVAL OF ANY EXISTING UTILITIES ON SITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS REQUIRED FOR DEMOLITION AND HAUL OFF FROM THE APPROPRIATE AUTHORITIES.
- AT THE COMPLETION OF THE WATER AND/OR SEWER CONSTRUCTION AND PRIOR TO RECORDING THE FINAL PLAT, THE CONTRACTOR WILL FURNISH THE WATER SYSTEM INSPECTOR RECORD DRAWINGS OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING, PRIOR TO CONSTRUCTION, ALL EXISTING LOCATIONS AND INVERT ELEVATIONS OF SANITARY SEWERS, STORM DRAINAGE, AND WATER MAINS. IF ANY INVERT ELEVATION VARIES MORE THAN 0.1 FT. FROM RECORD ELEVATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. WORK SHALL NOT PROCEED UNTIL THE CONTRACTOR IS NOTIFIED BY THE ENGINEER.
- CONNECT TO EXISTING UTILITIES AND INSTALL UTILITIES IN COMPLIANCE WITH REQUIREMENTS OF APPROPRIATE JURISDICTIONAL AGENCIES.
- COORDINATE WITH BUILDING PLANS TO ASSURE ACCURACY OF UTILITY CONNECTIONS AND COMPLIANCE WITH LOCAL CODES.
- ALL SEWERS TO BE MAINTAINED THROUGHOUT CONSTRUCTION, INCLUDING CLEANING OF ANY SILT OR DEBRIS ACCUMULATED IN STRUCTURES.
- WATER MAIN SHALL BE A MINIMUM OF SIX (6) INCHES AND HAVE A MINIMUM DEPTH OF 48 INCHES.
- THE SANITARY SEWER AND POTABLE WATER LINES ARE TO BE SEPARATED BY AT LEAST 10 FEET HORIZONTALLY, OR THE POTABLE WATER LINE SHALL BE AT LEAST 18 INCHES VERTICALLY ABOVE THE SANITARY SEWER.
- BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE LOCAL ELECTRICAL COMPANY FOR THE CONSTRUCTION OF ELECTRICAL CONDUIT TO PROVIDE SERVICE TO THE TRANSFORMER. CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL COMPANY PRIOR TO ANY CONSTRUCTION TO CONFIRM PRIMARY SERVICE LOCATION. CONTRACTOR SHALL HAVE INSPECTOR VERIFY CONSTRUCTION PRIOR TO CLOSING TRENCH.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE GAS COMPANY FOR THE CONSTRUCTION OF THE GAS LINE BETWEEN METER AND MAIN.
- COORDINATE EXACT TRENCHING, ROUTING, AND POINT OF TERMINATION WITH ALL UTILITY COMPANIES.
- ALL SURPLUS EXCAVATED MATERIAL FROM TRENCHES SHALL BE DISPOSED OFF THE SITE BY CONTRACTOR.
- CONTRACTOR TO RECONFIGURE PROPOSED ELECTRIC/TELEPHONE/CABLE CONDUITS AS NECESSARY TO AVOID CONFLICT WITH TREES AND LANDSCAPING. (SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION)

UTILITY KEYNOTES:

- BY TEXAS ROADHOUSE
- U1 UTILITY CONNECTION POINT OF ENTRY TO BUILDING (SEE MEP PLANS FOR EXACT BUILDING CONNECTIONS AND LOCATIONS)
 - U2 CONTRACTOR TO CONNECT PROPOSED UTILITY LINE TO STUB PROVIDED BY LANDLORD, FIELD VERIFY LOCATION, SIZE AND DEPTH.
 - U3 PROPOSED SANITARY SEWER LINE, SIZE AND TYPE AS NOTED
 - U4 PROPOSED 3,000 GAL GREASE INTERCEPTOR
 - U5 PROPOSED SANITARY SAMPLING MANHOLE WITH CONCRETE APRON
 - U6 PROPOSED 2" TYPE "K" COPPER DOMESTIC WATER LINE PER LOCAL CODES
 - U7 PROPOSED 6" DUCTILE IRON FIRE PROTECTION LINE PER LOCAL CODES
 - U8 PROPOSED GATE VALVE, SIZE AS PIPE (SEE DETAILS)
 - U9 PROPOSED FIRE DEPARTMENT CONNECTION (FDC) PER LOCAL CODES
 - U10 PROPOSED SECONDARY POWER - SEE SHEET EX-01 FOR SECONDARY ELECTRICAL POWER REQUIREMENTS - CONDUIT AND WIRE CATEGORY AND SIZE TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. TEXAS ROADHOUSE CONTRACTOR TO FURNISH Wires FROM TRANSFORMER INTO BUILDING
 - U11 PROPOSED TELEPHONE AND CABLE SERVICE LINE - CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES TO INSTALL AND CONNECT TWO (2)-2" PVC CONDUITS TO BUILDING (1 FOR DSL INTERNET & TELEPHONE AND 1 FOR COAXIAL INTERNET)
 - U12 PROPOSED GAS SERVICE LINE PER LOCAL GAS COMPANY SPECIFICATIONS. CONTRACTOR SHALL COORDINATE WITH LOCAL GAS COMPANY TO CONNECT TO PROVIDED STUB
 - U13 PROPOSED GAS METER PER LOCAL GAS COMPANY SPECIFICATIONS
 - U14 PROPOSED DUMPSTER AREA HEAVY DUTY DRAIN (SEE DETAILS)
 - U15 SANITARY SEWER WYE CONNECTION (SEE DETAILS)

UTILITY KEYNOTES:

- BY LANDLORD
- 1 SANITARY SEWER LINE
 - 2 SANITARY SEWER CLEANOUT
 - 3 2" DOMESTIC WATER LINE
 - 4 6" FIRE PROTECTION LINE
 - 5 6" DIP WATER MAIN
 - 6 SECONDARY UNDERGROUND ELECTRIC SERVICE LINE PER LOCAL ELECTRIC COMPANY SPECIFICATIONS
 - 7 TELEPHONE AND CABLE LINES, LANDLORD TO STUB TWO (2) 2" PVC CONDUITS PRIOR TO PAVING, LANDLORD TO INSTALL CONDUITS ONLY
 - 8 GAS SERVICE LINE
 - 9 PRIMARY ELECTRIC SERVICE LINE PER LOCAL ELECTRIC COMPANY SPECIFICATIONS
 - 10 NEW ELECTRIC TRANSFORMER PAD
 - 11 1.5" DOMESTIC WATER METER AND RPP BACKFLOW ASSEMBLY
 - 12 1" IRRIGATION METER AND RPP BACKFLOW ASSEMBLY
 - 13 6" RPDA W/REMOTE FDC IN ABOVE GROUND, INSULATED ENCLOSURE
 - 14 FIRE HYDRANT ASSEMBLY W/GATE VALVE
 - 15 RELOCATED OVERHEAD POWER LINES (OHP) LINE AND POLES
 - 16 1" IRRIGATION LINE/STUB

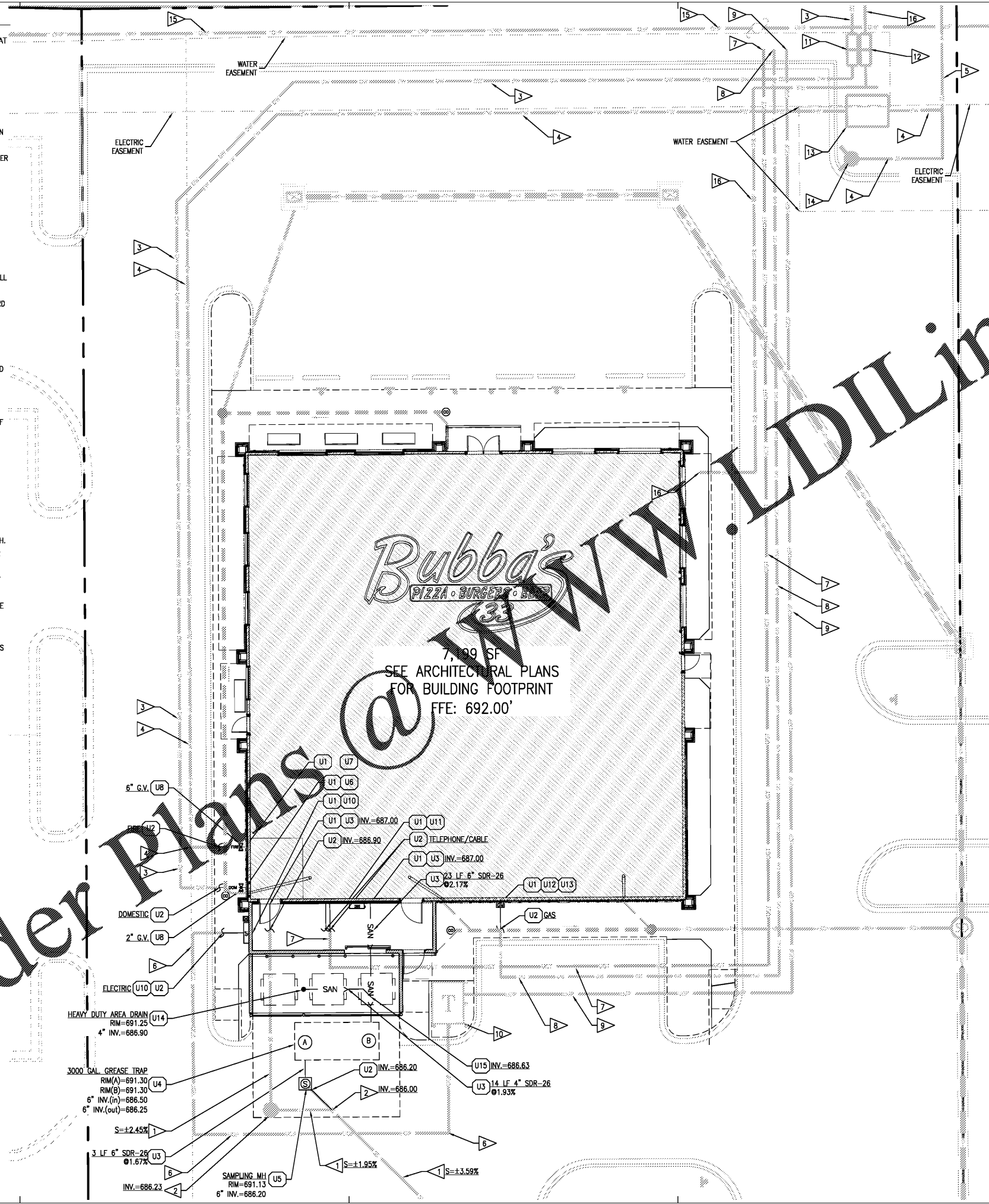
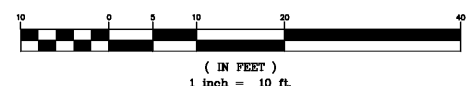
LEGEND:

- BY LANDLORD
- PROPERTY LINE
 - EASEMENT LINE
 - NEW CURB AND GUTTER
 - NEW SANITARY SEWER LINE
 - NEW STORM DRAIN LINE
 - NEW ROOF DRAIN LINE
 - DOMESTIC SERVICE
 - FIRE SERVICE
 - IRRIGATION
 - NEW GAS LINE
 - NEW ELECTRIC LINE
 - NEW TELEPHONE LINE
 - NEW STORM DRAIN MH
 - NEW STORM INLET
 - NEW STORM CLEANOUT
 - NEW SANITARY CLEANOUT
 - NEW ELECTRIC TRANSFORMER W/BOLLARD
 - NEW HYDRANT
- BY TEXAS ROADHOUSE
- FLUSH CONDITION
 - ADA ACCESSIBLE SIDEWALK RAMP
 - SAN -> SANITARY SEWER LINE
 - STORM DRAIN LINE
 - GREASE INTERCEPTOR
 - SANITARY SAMPLING MH WITH CONCRETE APRON
 - WATER GATE VALVE
 - FIRE DEPT CONNECTION
 - GAS METER
 - DOMESTIC/IRRIGATION METER AND RPP BACKFLOW ASSEMBLY
 - DCDA IN ABOVE GROUND HEATED ENCLOSURE

LEGEND:

- BY TEXAS ROADHOUSE
- FLUSH CONDITION
 - ADA ACCESSIBLE SIDEWALK RAMP
 - SAN -> SANITARY SEWER LINE
 - STORM DRAIN LINE
 - GREASE INTERCEPTOR
 - SANITARY SAMPLING MH WITH CONCRETE APRON
 - WATER GATE VALVE
 - FIRE DEPT CONNECTION
 - GAS METER

GRAPHIC SCALE



REFERENCE NOTE:
THE PROPOSED CIVIL ENGINEERING PLANS ARE BASED ON SITE DEVELOPMENT PLANS PREPARED FOR TEXAS ROADHOUSE, CREATED BY BLUEWATER CIVIL DESIGN, LLC, PROJECT NO. 2018-012, DATED APRIL 2018.

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
03/06/19	COORDINATION SET
05/03/19	BID SET

PROFESSIONAL SEAL

LICENSE NO.: 402019570

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PROJECT NAME

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3287 E. FRANKLIN BLVD



PROJECT NUMBER
20181046.0

SHEET TITLE

UTILITY PLAN

SHEET NUMBER

C4.0
NOT ISSUED FOR CONSTRUCTION