



BUC-EE'S

TRAVEL CENTER

NEW FUELING FACILITY

STORE NO. 74

INTERSTATE 30 & STATE HIGHWAY 229

BENTON, ARKANSAS 72019

PROJECT DIRECTORY

CLIENT:	BUC-EE'S BENTON, LLC 327 FM 2004 LAKE JACKSON, TX 77566 TEL: (979) 230-2920
MECHANICAL ENGINEER:	DAVID LEIFFER CORE STATES GROUP 212 SE 34TH STREET, SUITE 2 BENTONVILLE, AR 72712 479.877.3465 DLEIFFER@CORE-STATES.COM
ELECTRICAL ENGINEER:	JOHN FERGUSON CORE STATES GROUP 212 SE 34TH STREET, SUITE 2 BENTONVILLE, AR 72712 479.877.3438 JFERGUSON@CORE-STATES.COM

CODES

2021 ARKANSAS BUILDING CODE
2021 ARKANSAS MECHANICAL CODE
2021 ARKANSAS FIRE CODE
2018 ARKANSAS PLUMBING CODE
2020 ARKANSAS ELECTRICAL CODE
2009 ARKANSAS ENERGY CODE
NFPA 1 UNIFORM FIRE CODE HANDBOOK
NFPA 30 FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE - 2015 EDITION
NFPA 30A CODE FOR MOTOR FUEL DISPENSING FACILITIES AND REPAIR GARAGES - 2015 EDITION

VICINITY MAP



SCOPE OF WORK

- (1) XERXES 10' DIA. 40K GAL. DW FIBERGLASS UST FOR REGULAR UNLEADED
- (1) XERXES 10' DIA. 40K GAL. TWO-COMPARTMENT DW FIBERGLASS UST - 28K REGULAR UNLEADED/12K HIGH-GRADE NON-ETHANOL
- (1) XERXES 10' DIA. 40K GAL. TWO-COMPARTMENT DW FIBERGLASS UST - 28K REGULAR UNLEADED/12K LOW-GRADE NON-ETHANOL
- (2) XERXES 10' DIA. 40K GAL. TWO-COMPARTMENT DW FIBERGLASS UST - 28K DIESEL/ 12K PREMIUM UNLEADED
- (1) XERXES 10' DIA. 40K GAL. TWO-COMPARTMENT DW FIBERGLASS UST - 32K REGULAR UNLEADED/8K DEF (DIESEL EXHAUST FUEL)
- (32) GILBARCO 3+1 DISPENSERS ON SYSTEM #1
- (28) GILBARCO 3+1+1 DISPENSERS ON SYSTEM #2
- (4) GILBARCO DOUBLE-SIDED DEF ONLY DISPENSERS ON SYSTEM #2
- (12) 4.0 hp VARIABLE SPEED STP FOR REGULAR UNLEADED AND DIESEL
- (6) 2.0 hp VARIABLE SPEED STP FOR PREMIUM UNLEADED, HIGH-GRADE NON-ETHANOL AND LOW-GRADE NON-ETHANOL
- (1) DEF STP
- (1) ASSOCIATED UNDERGROUND PIPING

FUEL SHEET INDEX

SHEET NUMBER	SHEET NAME
FS0.00	FUEL COVER SHEET
FS1.00	OVERALL FUEL SITE PLAN
FS1.01	FUEL PIPING PLAN
FS1.02	TANK TOP LAYOUT
FS2.00	FUEL TANK SECTIONS
FS2.01	FUEL TANK SECTIONS
FS2.02	FUEL TANK EXCAVATION SECTIONS
FS3.00	UST SUMP DETAILS
FS3.01	UST SUMP DETAILS
FS4.00	UST EQUIPMENT DETAILS
FS5.00	DISPENSER DETAILS
FS5.01	DISPENSER DETAILS
FS6.00	TANK VENT STACK AND PIPE TRENCH DETAILS
FS7.00	FUEL SYSTEM EQUIPMENT SCHEDULE
FE0.00	FUEL ELECTRICAL SITE PLAN
FE1.00	FUEL ELECTRICAL CANOPY POWER PLAN
FE1.01	TANK POWER AND PUMP PLANS
FE2.00	FUEL ELECTRICAL ELEVATIONS
FE2.01	IDF CABINET ELEVATION & PLAN VIEWS
FE2.02	FUEL ELECTRICAL DETAILS
FE2.03	FUEL ELECTRICAL DETAILS
FE2.04	FUEL ELECTRICAL PANEL SCHEDULES
FE3.00	FUEL CONTROL & ONE-LINE DIAGRAM-SYSTEM #1
FE3.01	FUEL CONTROL & ONE-LINE DIAGRAM-SYSTEM #2
FE3.02	FUEL CONTROL & ONE-LINE DIAGRAM
FE3.03	FUEL CONTROL & ONE-LINE DIAGRAM
FE4.00	FUEL CONTROL DIAGRAM-SYSTEM #1
FE4.01	FUEL CONTROL DIAGRAM-SYSTEM #1
FE4.02	FUEL CONTROL DIAGRAM-SYSTEM #2
FE4.03	FUEL CONTROL DIAGRAM-SYSTEM #2
FE5.00	FUEL ELECTRICAL CONDUIT & CONDUCTOR SCHEDULE
FE5.01	FUEL ELECTRICAL CONDUIT & CONDUCTOR SCHEDULE

LEGENDS

	NORTH ARROW
	EQUIPMENT TAG
	DETAIL TITLE
	CONDUIT DESIGNATION



BUC-EE'S

A DEVELOPMENT OF
Buc-ee's Benton, LLC.
Saline County, AR

TEL: (979) 230-2920

BUC-EE'S TRAVEL CENTER
BENTON, ARKANSAS

74K-L-2024-Q2

INTERSTATE 30 & STATE HIGHWAY 229
BENTON, ARKANSAS 72019

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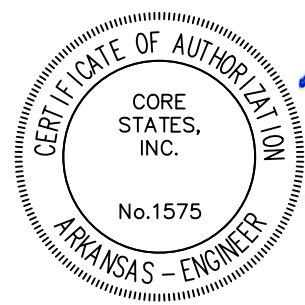
CORE STATES

GROUP
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ISSUE/REVISION LOG:

No.	DESCRIPTION	DATE
R2	OWNER CHANGES	09/27/2024
R3	OWNER CHANGES	04/23/2025



ISSUED FOR REVIEW:	04/23/2024
ISSUED FOR BID:	05/14/2024
ISSUED FOR PERMIT:	05/14/2024

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FS0.00

FUEL COVER SHEET

CSG PROJECT NUMBER: LAA38552
BENTON, ARKANSAS