



1 ROOF PLAN

1/16" = 1'-0"

GENERAL NOTES

- LOCATION OF ROOF TOP EQUIPMENT ARE APPROXIMATED AND SHOULD BE USED FOR REFERENCE ONLY. MECHANICAL CONTRACTOR SHALL DETERMINE FINAL LOCATIONS.
- ROOF INSULATION SHALL CONFORM W/ MINIMUM REQUIREMENTS OF R-VALUE.
- PROVIDE TAPERED INSULATION FOR POSITIVE SLOPE TO ROOF DRAINS.
- ALL ROOF AREAS SHALL HAVE POSITIVE ROOF DRAINAGE TO ROOF DRAINS.
- TAPERED INSULATION CRICKETS SHALL BE INSTALLED AT ALL ROOF TOP COMPONENTS AND EQUIPMENT.
- PROVIDE WATER TIGHT JOINTS AT MATERIAL TRANSITIONS/TERMINATIONS AT PARAPETS & WING WALL RETURN CONDITIONS INCLUDING ROOF AND STRUCTURAL PENETRATION LOCATION.
- ALL SHEET METAL WORK INCLUDING BUT NOT LIMITED TO GUTTERS, DOWNSPOUTS, SCUPPERS, RAIN COLLECTORS, RAIN LEADERS, AND FLASHING SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SIMONA RECOMMENDATIONS INCLUDING LOCATION OF REQUIRED EXPANSION JOINTS.
- CONTRACTOR SHALL INSTALL ROOFING AND ROOF FLASHING ASSEMBLIES IN ACCORDANCE WITH ALL APPLICABLE CODE REQUIREMENTS, MANUFACTURERS SPECIFICATIONS AND THE CURRENT NATIONAL ROOFING CONTRACTORS ASSOCIATION INSTALLATION GUIDELINES AND STANDARDS.
- FOR TYPICAL ROOF PENETRATION DETAILS RE: SHEET A5.01.
- CONTRACTOR TO ENSURE ALL ROOF UNITS ARE INSTALLED LEVEL AND NOT AT THE SAME ANGLE AS THE ROOF SLOPE.
- COORDINATE ALL ROOF PENETRATIONS OF THE CONDENSER UNITS WITH STRUCTURAL DRAWINGS.
- COMPLY WITH FM D51-28 WIND DESIGN FOR ROOF ZONES AND FM D51-49 FOR PERIMETER FLASHING.

ROOF PLAN KEYED NOTES

- 4"x12" STEEL PIPE BRACE THROUGH ROOF SECURED TO STRUCTURE BELOW RE: STRUCTURAL - RE: 3 / A5.10 FOR FLASHING.
- COMMUNICATION MAST RE: STRUCTURAL FOR DETAILS RE: 3 / A5.10 FOR PIPE PENETRATION FLASHING.
- STANDING SEAM METAL ROOF COLOR TO MATCH ARCHITECTURAL BUILDING COMPONENTS.
- PROVIDE TAPERED INSULATION CRICKETS AT LOCATION INDICATED.
- ALUMINUM ROOF JACKS W/ MIN. 8" CURBS @ ALL REFRIGERATION PIPE PENETRATIONS RE: 5 / A5.10.
- PRIMARY ROOF DRAIN RE: 7 / A5.10 - CONNECT DRAIN TO UNDERGROUND STORM RE: CIVIL.
- EMERGENCY OVERFLOW ROOF DRAIN RE: 8 / A5.10.
- PROVIDE TAPERED INSULATION FORMED SUMP - SLOPE DOWN TO PRIMARY ROOF DRAIN.
- 4" WIDE WALK PADS.
- MECH. ROOF TOP EQUIPMENT ON ROOF CURB RE: MECH. - RE: 9 / A5.10.
- REFRIGERATION ROOF TOP CONDENSERS ON ROOF CURB RE: REFRIGERATION - RE: 3 / A5.10 FOR PIPE PENETRATION FLASHING.
- 2"x3" CLEAR OPENING SLIP LATCH ROOF SCUTTLE - NON-LOCKING HANDLE LATCH.
- 2W x 2H ACCESS DOOR WITH NON-LOCKING LATCH.
- PREFINISHED METAL COPING RE: SHEET A7.00.
- FACE OF WALL BELOW.
- MECHANICALLY FASTENED SINGLE PLY PVC ROOF MEMBRANE, OVER 6" (MIN.) RIGID INSULATION BOARD.
- MECHANICALLY FASTENED SINGLE PLY PVC ROOF MEMBRANE, OVER EXT. GR. F.R.T. PLYWOOD SHEATHING.
- 8" x 8" CABLE JACK - REFER TO DETAIL. 5 / A5.10.

NOT ALL NOTES ARE USED ON THIS SHEET.

ROOF PLAN LEGEND

- MECH. ROOF TOP EQUIPMENT RE: MECH.
- REFRIGERATION ROOF TOP CONDENSERS RE: REFRIGERATION (FUTURE SHOWN DASHED)
- VENT THRU ROOF RE: PLUMBING
- COLUMN GRID INDICATOR



BUC-EE'S

A DEVELOPMENT OF

Buc-ee's Benton, LLC
Saline County, Arkansas

TEL: (979) 230-2920

BUC-EE'S TRAVEL CENTER BENTON, ARKANSAS 74K - L - 2025 -Q1 INTERSTATE 30 & STATE HIGHWAY 229 BENTON, ARKANSAS 72019

**LAWRENCE S.
LEVINSON, A.I.A.**

7800 Washington Ave., Suite 600 Houston, TX 77007
main: 713.600.3600 www.laarc.com

ISSUE/REVISION LOG:

No.	DESCRIPTION	DATE
3	OWNER CHANGES	04/23/2025



04/23/2025

ISSUED FOR REVIEW: 04/26/2024

ISSUED FOR BID: 05/14/2024

ISSUED FOR PERMIT: 05/14/2024

Copyright 2024 Lawrence S. Levinson, A.I.A. Warning: This document is protected by U.S. Copyright Law Under Section 102 of the U.S. Copyright and the Architectural Works Copyright Protection Act of 1990. Unauthorized reproduction and distribution of this document or any portion of it, other than for use of the particular project, is prohibited and may result in severe civil and criminal penalties, and will be prosecuted to maximum extent possible under the law.

A5.00

ROOF PLAN OVERALL

LAARC PROJECT NUMBER: 2024-107.000

BENTON, ARKANSAS