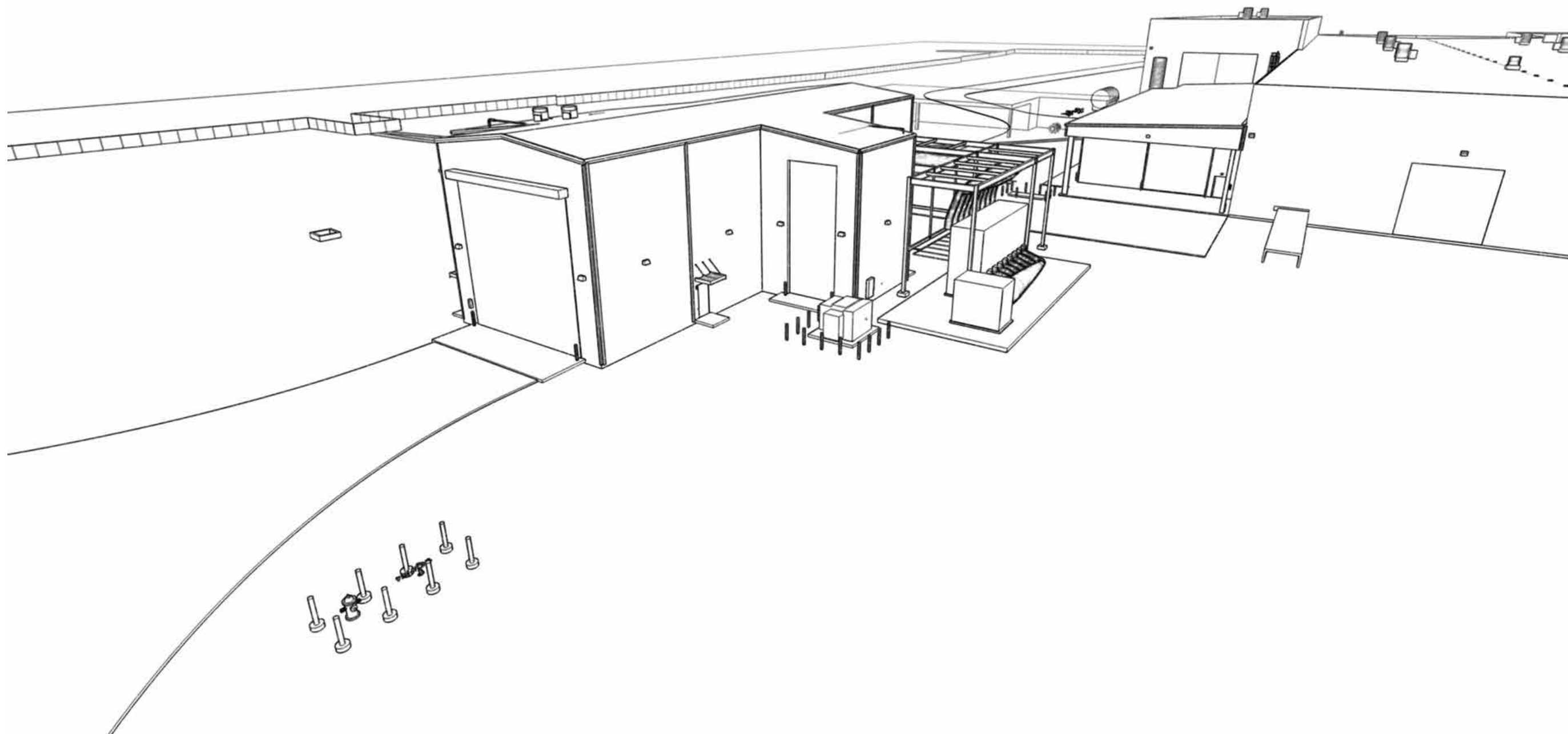


NEW BLAST FACILITY FOR LEXICON INC.

8900 FOURCHE DAM PIKE
LITTLE ROCK, ARKANSAS

1 NOVEMBER 24
CONSTRUCTION DOCUMENTS



BUILDING CODE ANALYSIS

GENERAL PROJECT DESCRIPTION:

NEW ONE STORY 6,165 SF SHOP BUILDING, PRE-ENGINEERED METAL BUILDING. METAL PANEL ROOF AND SIDING ALL ON A SLAB-ON-GRADE FOUNDATION, NON-SPRINKLERED.

APPLICABLE CODES:

BUILDING CODE:	2021 INTERNATIONAL BUILDING CODE
FIRE CODE:	2021 INTERNATIONAL FIRE CODE
MECHANICAL CODE:	2021 ARKANSAS STATE MECHANICAL CODE
PLUMBING CODE:	2016 ARKANSAS STATE PLUMBING CODE
ELECTRICAL CODE:	2020 NATIONAL ELECTRICAL CODE
ENERGY CODE:	LITTLE ROCK CODE OF ORDINANCES, CHAPTER 8, REVISED ARKANSAS ENERGY CODE RULES OR ASHRAE 90.1 2011 EDITION (BASED ON 2009 INTERNATIONAL ENERGY CODE)
ACCESSIBILITY:	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN 2017 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

OCCUPANCY CLASSIFICATION:

GROUP F-2, LOW-HAZARD FACTORY INDUSTRIAL

TYPE OF CONSTRUCTION (CHAPTER 6 & TABLE 601)

TYPE IIB, UNPROTECTED, NON-SPRINKLERED

ALLOWABLE HEIGHTS & AREAS (TABLE 504.3)

GROUP F-2
MAXIMUM ALLOWABLE HEIGHT: 55'-0"
PROPOSED HEIGHT: 39'-4" AT RIDGE

MAXIMUM NUMBER OF STORIES: 3
PROPOSED STORIES: 1

MAXIMUM AREA: UNLIMITED AREA PER SECTION 507.3
PROPOSED NEW BUILDING AREA: 6,165 SF

OCCUPANCY LOAD (TABLE 1004.5)

INDUSTRIAL AREAS (100 SF / PERSON)
6,165 SF: 61 OCCUPANTS

MEANS OF EGRESS:

EXITS REQUIRED: 2 (SECTION 1006, TABLE 1006.3.3)

MAX TRAVEL DISTANCE ALLOWED: 300'-0" (TABLE 1101.7.2)

FIRE RESISTANCE RATINGS (TABLE 601)

STRUCTURAL FRAME:	0 HR
BEARING WALLS (INTERIOR / EXTERIOR)	0 HR
NONBEARING WALLS (INTERIOR / EXTERIOR)	0 HR
FLOOR CONSTRUCTION:	0 HR
ROOF CONSTRUCTION:	0 HR

PROTECTIVE OPENINGS:

ALL OPENINGS IN RATED ASSEMBLIES SHALL CONFORM TO REQUIREMENTS OF TABLE 716.1(1-3)

GLASS AND GLAZING:

- ALL GLASS AND GLAZING SHALL CONFORM TO REQUIREMENTS OF IBC CHAPTER 24.
- SAFETY GLAZING SHALL CONFORM TO IBC SECTION 2406 OF THE IBC.

WILLIAMS & DEAN

ARCHITECTURE | INTERIOR DESIGN



18 CORPORATE HILL DRIVE, SUITE 210
LITTLE ROCK, ARKANSAS 72205
501.224.1900
WWW.WILLIAMSDEAN.COM

CIVIL
HOPE CONSULTING ENGINEERS - SURVEYORS
129 N. MAIN STREET
BENTON, ARKANSAS 72201
501.315.2626

STRUCTURAL
ENGINEERING CONSULTANTS, INC.
401 WEST CAPITOL AVENUE, SUITE 305
LITTLE ROCK, ARKANSAS 72201
501.376.3752

MECHANICAL / PLUMBING / ELECTRICAL
BATSON INC. ENGINEERING SOLUTIONS
1300 BROOKWOOD DRIVE
LITTLE ROCK, ARKANSAS 72202
501.664.3311

INDEX OF DRAWINGS

CIVIL

23-0295	CIVIL COVER SHEET
2.1	BOUNDARY SURVEY
C-1.0	SITE PLAN
C-2.0	UTILITY PLAN
C-2.1	UTILITY DETAILS
C-3.0	GRADING PLAN
C-4.0	DEMOLITION PLAN
C-5.0	DRAINAGE PLAN
C-6.0	DRAINAGE CALCULATIONS
C-7.0	EROSION CONTROL PLAN - PRE CONSTRUCTION PHASE
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C7.2	EROSION CONTROL PLAN - POST CONSTRUCTION PHASE

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G001	ARCHITECTURAL GENERAL INFORMATION
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ARCHITECTURAL

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A203	ROOF PLAN
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A301	BUILDING ELEVATIONS
A302	BUILDING SECTIONS
A303	BUILDING SECTIONS
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A500	DOOR SCHEDULE AND TYPES

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M201	ENLARGED MECHANICAL FLOOR PLAN
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M301	HVAC DUCT DETAILS
M400	MECHANICAL SCHEDULES

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E201	POWER PLAN
E301	ELECTRICAL SECTIONS
E302	ELECTRICAL SECTIONS
E401	ELECTRICAL ONE-LINE DIAGRAM

CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, THESE PLANS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH INTERNATIONAL BUILDING CODE FOR THE STATE OF ARKANSAS.



11/1/24