



OPERATING LEVEL - LIFE SAFETY & ARCHITECTURAL FLOOR PLAN  
3/16" = 1'-0"

BUILDING CODE ANALYSIS	
APPLICABLE BUILDING CODES: 2021 ARKANSAS FIRE PREVENTION CODE, VOLUME II - BUILDING (2021 IBC) 2014 ARKANSAS ENERGY CODE (AEC) 2021 INTERNATIONAL EXISTING BUILDING CODE (IEBC)	
WORK CLASSIFICATION: - ADDITION - NEW BUILDING (FROM GRID LINE "XE" UP TO "G" - 1,000 SQUARE FEET - ALTERATION LEVEL 1 - REPLACEMENT OF BUILDING ENVELOPE FROM GRID LINE "XA" UP TO "XE" - 2,560 SQUARE FEET - ALTERATION LEVEL 2 - DEMOLITION OF EXISTING OFFICE AREA AND FABRICATION AREA - 220 SQUARE FEET	
BUILDING NAME: MAINTENANCE BUILDING	
OCCUPANCY	STORAGE GROUP S-1, BUSINESS GROUP B
ACTUAL FLOOR AREA	3,560 SF TOTAL
ACTUAL HEIGHT	28' - 6"
TYPE OF CONSTRUCTION	TYPE 2B, NON COMBUSTIBLE UNPROTECTED
ALLOWABLE AREA	17,500 SF
ALLOWABLE HEIGHT	2 STORIES (55 FT)
DESIGN OCCUPANT LOAD	18 OCCUPANTS
ADA ACCESSIBILITY	PROVIDED AT OFFICE AREAS
OCCUPANCY SEPARATION	NOT REQUIRED, PROVIDED BETWEEN BUSINESS OCCUPANCY B AND STORAGE OCCUPANCY S-1
FIRE SPRINKLERS	NOT REQUIRED, PER IBC SECTION 903
MAX. COMMON PATH OF EGRESS	100 LINEAR FEET, 13'-8" PROVIDED
MAX. EXIT ACCESS DISTANCE	200 LINEAR FEET, 22'-4" PROVIDED
EXIT THROUGH INTERVENING SPACE	AT THE VEHICLE STORAGE ROOM # 101, THE SECONDARY EXIT IS PROVIDED THROUGH THE OFFICE AREA, BASED ON THE IBC SECTION 1016.2

- ### GENERAL SHEET NOTES
- PRE-ENGINEERED METAL BUILDING SHOWN ASSUMES 8-INCH WALL GIRTS. ALTERNATE WALL GIRT DEPTHS WILL REQUIRE COORDINATION WITH CONTRACTOR TO REVISE CONCRETE SLAB DIMENSIONS ACCORDINGLY.
- ### SHEET KEYNOTES
- CUT AND FRAME WALL OPENING IN EXISTING PEMB, FINISH HEIGHT: 8'-0" AFF.
  - INSTALL NEW METAL LINER FINISH OVER EXISTING WALL PANELING.
  - WALL EXPANSION JOINT PER PEMB FABRICATOR, AT JOINT BETWEEN NEW AND EXISTING STRUCTURE.
  - BOLLARD, SEE CIVIL DRAWINGS.
  - EXISTING PEMB COLUMN TO REMAIN.
  - (6) LOCKERS, DOUBLE TIER.
  - (1) LOCKER BENCH.
  - (1) WHEELCHAIR ACCESSIBLE SHOWER PAN, APPLY CERAMIC TILING FINISH AT ALL WALLS UP TO CEILING, SEE FINISH SCHEDULE.
  - OFFICE FURNITURE: 60" DESK AND CHAIRS, BY OWNER.
  - OFFICE FURNITURE: 60" X 60" CUBICLE AND CHAIR, BY OWNER.
  - EXISTING DOOR TO REMAIN.
  - LOADING DOCK, SEE STRUCTURAL DRAWINGS.
  - CONCRETE EQUIPMENT PAD, SEE STRUCTURAL DRAWINGS.
  - INSTALL NEW GYPSUM BOARD FINISH OVER EXISTING WALL PANELING.
  - 1 HOUR FIRE-RATED UL DESIGN NO. W415 @ INTERIOR FACE OF EXISTING METAL WALL PANEL.
  - INSTALL NEW METAL PANELING FINISH OVER EXISTING WALL PANELING.
  - EYEWASH STATION, SEE MECHANICAL DRAWINGS.
  - TRENCH DRAIN, SEE PLUMBING DRAWINGS.

### ARCHITECTURAL SYMBOL LEGEND

(101A)	DOOR
W	WINDOW

### LIFE SAFETY LEGEND

(Red dashed line)	1 HOUR FIRE-RATED
(Red dash-dot line)	2 HOUR FIRE-RATED
(Circle with cross)	FIRE EXTINGUISHER
(Arrow with X)	EXIT TRAVEL
(Box with 100SF/PERSON 1)	OCCUPANTS PER OCCUPANT
(Box with 1)	CUMULATIVE OCCUPANT
(Circle with X)	EXI

DATE	REVISION

Black & Veatch Architects Arkansas, PLLC  
Overland Park, Kansas  
COA: IL209

**BLACK & VEATCH**

ROGERS, ARKANSAS  
ROGERS POLLUTION CONTROL FACILITY (PCF)  
SOLIDS HANDLING IMPROVEMENTS, PHASE II

**LIFE SAFETY & ARCHITECTURAL FLOOR PLAN**

FOR: ROGERS WATER UTILITIES

DATE:	AUGUST 2024
SCALE:	As indicated
DESIGNED BY:	CAA
DRAWN BY:	SJU
HWET NO.:	2020043
FILENAME:	
SHEET NO.	AB-02