



# Red Rock Saloon

Rooftop Patio Concepts

GENERAL NOTES

1. DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE-OF-FINISH OR ROUGH MASONRY OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - TYPICAL FOR ALL DRAWINGS.
3. IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
4. ALL PENETRATIONS IN FIRE RATED FLOORS AND WALLS MUST BE SEALED WITH APPROPRIATE FIRESTOPPING SYSTEM.
5. PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION.

KEYNOTE LEGEND

- 04 40 STONE PAVER ON PEDESTAL SYSTEM
- 04 41 GABION WALL WITH CORTEN STEEL CAGE
- 05 12 STEEL AND WOOD COLUMN
- 05 58 CORTEN STEEL PLANTER
- 05 59 CORTEN STEEL RAIL
- 08 13.A1 ALUMINUM AND GLASS ENTRY DOOR
- 08 35 OVERHEAD GLASS DOOR

ACCESSORIES LEGEND

Owner  
**ULI**

Project  
**RED ROCK SALOON ROOF TERRACE**

General Contractor  
**Contractor Name**

Civil Engineer  
**Contractor Name**

Structural Engineer  
**Contractor Name**

Mechanical Engineer  
**Contractor Name**

Electrical Engineer  
**Contractor Name**

Key Plan

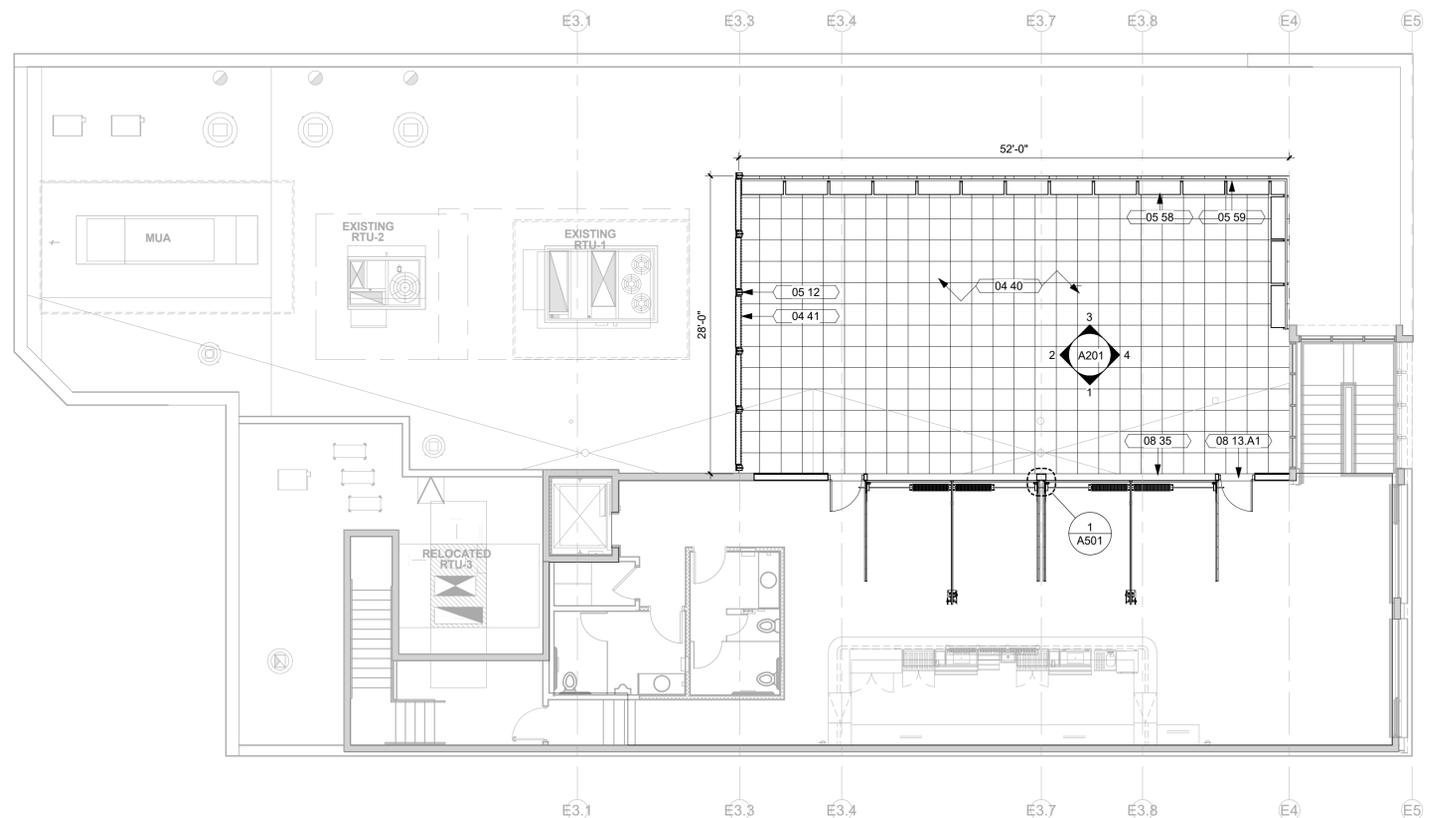
Revision	Description	Date

OPN Project No.  
**22608000**

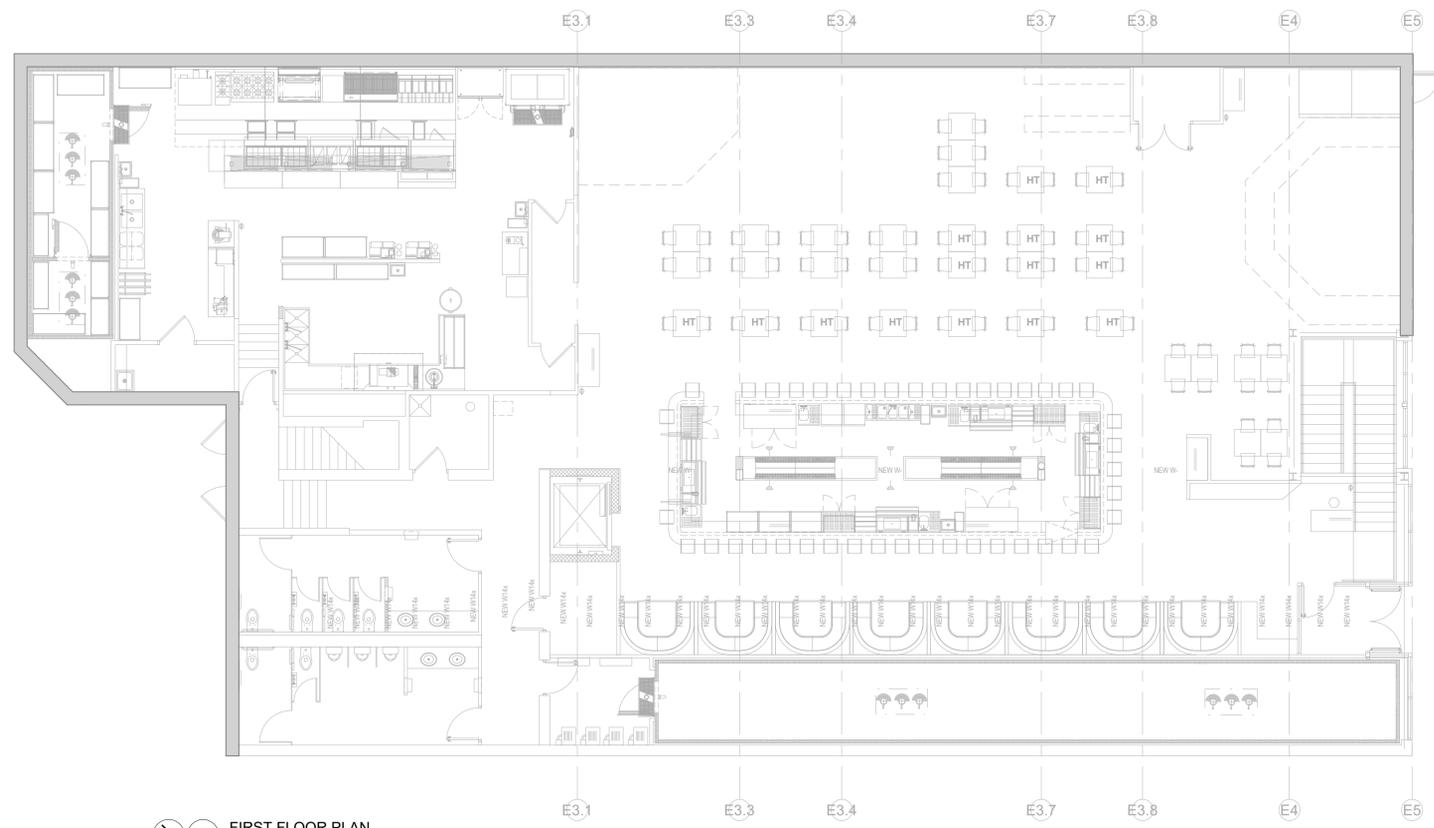
Sheet Issue Date  
**05/05/20**

Sheet Name  
**FLOOR PLANS**

Sheet Number  
**A101**



G17 SECOND FLOOR PLAN  
1/8" = 1'-0"



A17 FIRST FLOOR PLAN  
1/8" = 1'-0"

PRELIMINARY. NOT FOR CONSTRUCTION.

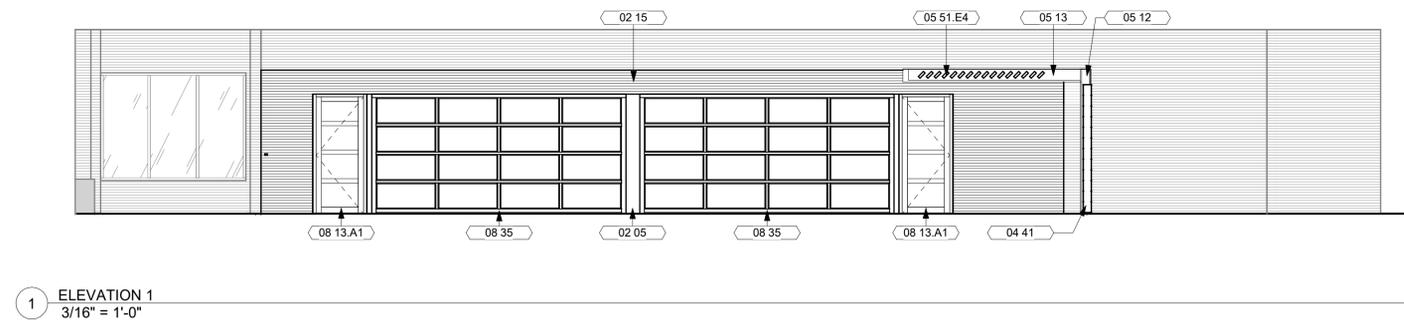
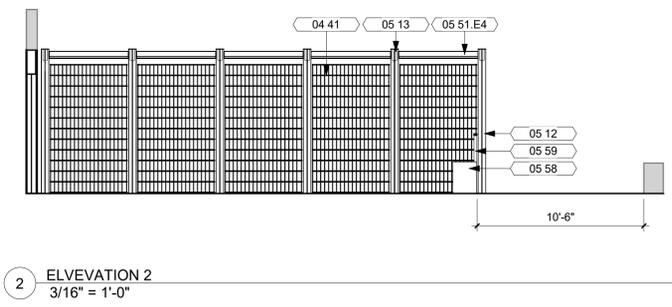
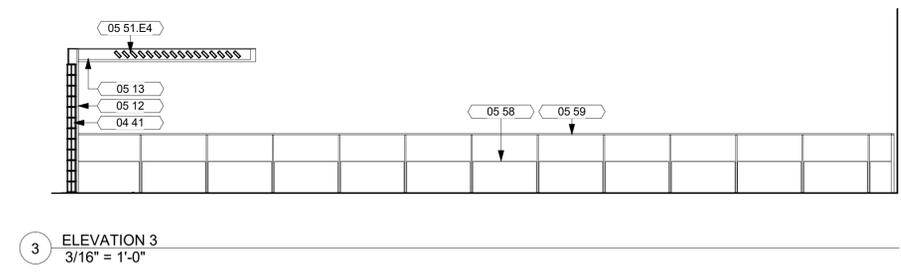
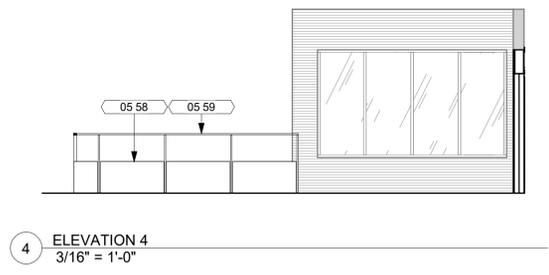
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Owner  
**ULI**  
 Project  
**RED ROCK SALOON ROOF TERRACE**

General Contractor  
**Contractor Name**  
 Civil Engineer  
**Contractor Name**  
 Structural Engineer  
**Contractor Name**  
 Mechanical Engineer  
**Contractor Name**  
 Electrical Engineer  
**Contractor Name**

- KEYNOTE LEGEND**
- 02 05 BREAK METAL - MATCH BLACK DOOR FRAME
  - 02 15 CORRUGATED METAL SIDING - MATCH EXISTING
  - 04 41 GABION WALL WITH CORTEN STEEL CAGE
  - 05 12 STEEL AND WOOD COLUMN
  - 05 13 STEEL AND WOOD BEAM
  - 05 51.E4 WOOD SUN SHADE
  - 05 58 CORTEN STEEL PLANTER
  - 05 59 CORTEN STEEL RAIL
  - 08 13.A1 ALUMINUM AND GLASS ENTRY DOOR
  - 08 35 OVERHEAD GLASS DOOR



Key Plan

Revision	Description	Date

OPN Project No.  
**22608000**  
 Sheet Issue Date  
**02/28/22**  
 Sheet Name  
**EXTERIOR ELEVATIONS**  
 Sheet Number  
**A201**

**PRELIMINARY. NOT FOR CONSTRUCTION.**

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21

# REDROCK SALOON CODE ANALYSIS

PERMIT SET

## DRAWING SHEET INDEX:

### GENERAL

AG001 COVER, DRAWING SHEET INDEX, CODE SUMMARY

### ARCHITECTURAL

A101 1ST LEVEL FLOOR PLAN & SECTIONAL ELEVATION

ARCHITECT OF RECORD:

**OPN ARCHITECTS**

I hereby certify these plans and specifications were prepared by me or under my direct personal supervision and that I am a duly Registered Architect under the laws of the State of Wisconsin.

Signature: \_\_\_\_\_  
 Name: WESLEY T. REYNOLDS  
 Discipline: ARCHITECT Registration #: 117295  
 Date: 2022-07-31

5 / 15 / 2022

### PROJECT DESCRIPTION

This project consists of remodeling of second floor restrooms and adding an outdoor roof terrace to the existing Redrock Saloon eating and entertainment facility.

### APPLICABLE CODES

- WISCONSIN COMMERCIAL BUILDING CODE- Wisconsin Department of Safety and Professional Services (SPS) Chapters 361 to 366, incorporating:
- International Building Code (IBC) 2015
  - International Energy Conservation Code (IECC) 2015
  - International Existing Building Code (IEBC) 2015
  - International Fuel Gas Code (IFGC) 2015
  - International Mechanical Code (IMC) 2015
  - Adopted portions of the International Fire Code (IFC) 2015
  - ICC/ANSI A117.1 (2009); Standard for Accessibility and Usable Buildings and Facilities SPS Chapters 380-387; Plumbing

City of Madison Municipal Code

### CODE REVIEW SUMMARY

- OCCUPANCY CLASSIFICATION, A-2 ASSEMBLY & B BUSINESS
- CONSTRUCTION CLASSIFICATION: TYPE IIA (Assumed/Existing)
- FULLY SPRINKLERED PER NFPA 13
- OCCUPANCY LOAD FACTOR (per chapter 10): 452 occupants (Total)
- MIN NUMBER OF EXITS: 360/49 = 2 EXITS REQUIRED

### IBC CHAPTER 6: Types of Construction

Existing Construction Type IIA (no change proposed)

Existing Building is Fully Sprinklered Per NFPA 13.

### IBC CHAPTER 7: Fire and Smoke Protection Features

Requirements: The fire-resistance ratings of structural members and assemblies shall comply with this section and the requirements for the type of construction as specified in Table 601. The fire-resistance ratings shall not be less than the ratings required for the fire-resistance-rated assemblies supported by the structural members.

### IBC CHAPTER 10: Means of Egress

1004 Occupant Load

The occupant load of the remodeled area has been calculated based on the following, per Table 1004.1.2

Area	Occupancy	Area (sf)	Occupants	Seating Shown
<b>First Floor:</b>				
Assembly (Unconcentrated):	1/15 nsf	2,580 sf =	172	125
Assembly (Standing Concentrated):	1/5 nsf	302 sf =	61	
Business:	1/100 gsf	600 sf =	6	
Kitchen:	1/200 gsf	1,720 sf =	9	
Storage:	1/300 gsf	85 sf =	1	
Stages/Platforms:	1/15 nsf	403 SF =	27	
<b>Subtotal:</b>			276	Maximum Occupants
<b>Mezzanine:</b>				
Business:	1/100 gsf	97sf =	1	
Storage:	1/300 gsf	250 sf =	1	
<b>Subtotal:</b>			2	
<b>Second Floor:</b>				
Assembly (Indoor) (Unconcentrated):	1/15 nsf	1,099 sf	74	70
Assembly (Outdoor) (Unconcentrated):	1/15 nsf	1,338 sf	90	86
Business:	1/100 gsf	276 sf	3	
<b>Subtotal:</b>			167	Maximum Occupants
<b>Total:</b>			445	occupants

### 1005 Egress Width

1005.1 Total width of means of egress in inches shall not be less than the total occupant load served by the means of egress multiplied by 0.3 inch per occupant for stairways and by 0.2 inch (5.08 mm) per occupant for other egress components. The width shall not be less than specified elsewhere in this code. Multiple means of egress shall be sized such that the loss of any one means of egress shall not reduce the available capacity to less than 50 percent of the required capacity. Refer to Code Plans at left for egress capacities.

### 1016 Exist Access Travel Distance

1016.1 Per Table 1016.1, An Occupancy with sprinkler system allows a maximum of 250' Travel Distance.

### IBC CHAPTER 11: Accessibility

1103.2.2 Employee work areas. Spaces and elements within employee work areas shall only be required to comply with Sections 907.5.2.3.2, 1007 and 1104.3.1 and shall be designed and constructed so that individuals with disabilities can approach, enter and exit the work area. Work areas, or portions of work areas, other than raised courtroom stations in accordance with Section 1108.4.1.4, that are less than 300 square feet (30 m) in area and located 7 inches (178 mm) or more above or below the ground or finished floor where the change in elevation is essential to the function of the space shall be exempt from all requirements.

1104.3.1 Employee work areas. Common use circulation paths within employee work areas shall be accessible routes.

Exceptions:

- Common use circulation paths, located within employee work areas that are less than 1,000 square feet (93 m) in size and defined by permanently installed partitions, counters, casework or furnishings, shall not be required to be accessible routes.

### IBC CHAPTER 29: PLUMBING SYSTEMS

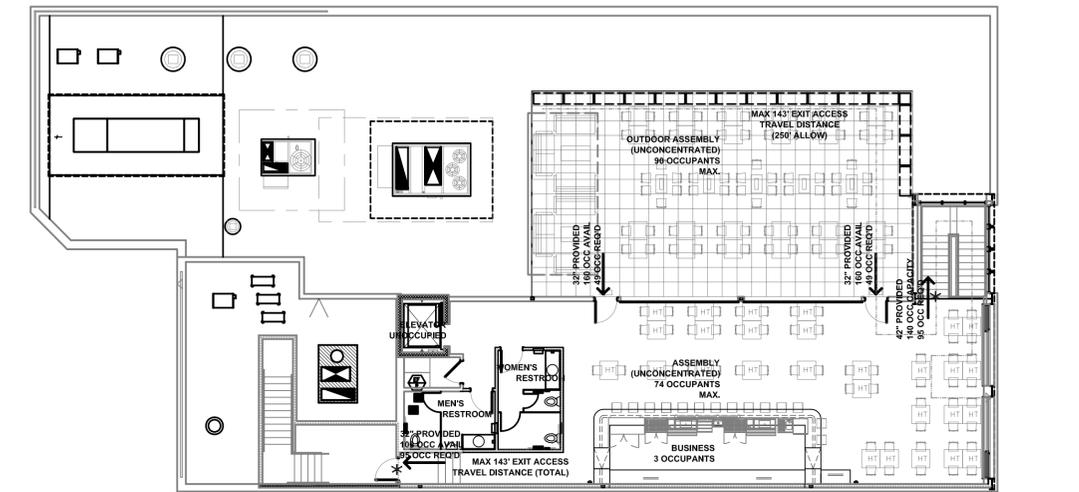
Table 2902.1 Minimum Number of Required Plumbing Fixtures

NO.	WC	Required	Provided	LAV	Required	Provided	DRINKING	SERVICE	
								FOUNTAINS	SINKS
MEN	223	1:40	6	7*	1:75	3	3	1:500**	1
WOMEN	223	1:40	6	6	1:75	3	3		

\* 3 WC and 4 Urinals Provided.

\*\* Service Sink provided in Kitchen Area.

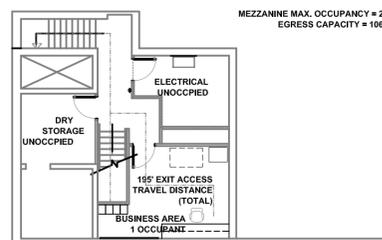
## CODE REVIEW



SECOND FLOOR MAX. OCCUPANCY = 167  
EGRESS CAPACITY = 246

## CODE PLAN - 2ND LEVEL

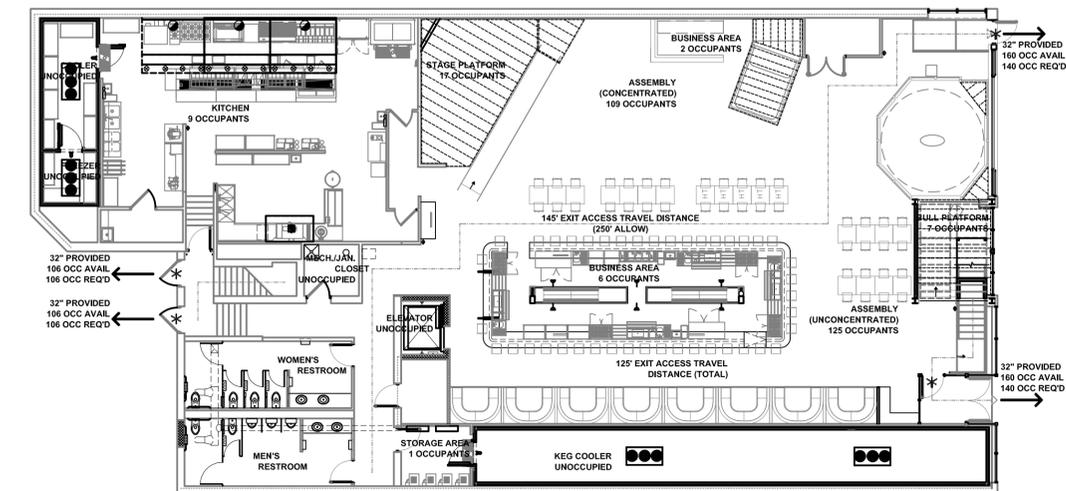
NTS



MEZZANINE MAX. OCCUPANCY = 2  
EGRESS CAPACITY = 106

## CODE PLAN - MEZZANINE

NTS



SECOND FLOOR MAX. OCCUPANCY = 167  
 MEZZANINE OCCUPANTS = 2  
 FIRST FLOOR OCCUPANTS = 276  
 TOTAL OCCUPANTS = 445  
 EGRESS CAPACITY = 532

## CODE PLAN - 1ST LEVEL

NTS

### GENERAL NOTES:

- The review plan shows major exits only. Refer to the AG001 wall types for specific wall information. Assemblies shown to be fire-rated must be constructed according to the listed UL assembly designation number.

### LEGEND

- 1-HOUR FIRE RATED WALL
- PATH OF EGRESS TRAVEL
- EXIT



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Project

REDROCK SALOON CODE ANALYSIS  
 222 West Gorham Street  
 Madison, WI 53703

Issue & Revision Dates

OCCUPANCY REVIEW 04/1/2022

FOR REVIEW

Drawing  
 COVER, DRAWING SHEET  
 INDEX, CODE SUMMARY

OPN Project No. 22608000

AG001

# Option C - Wood & Steel Canopy with Gabion Wall





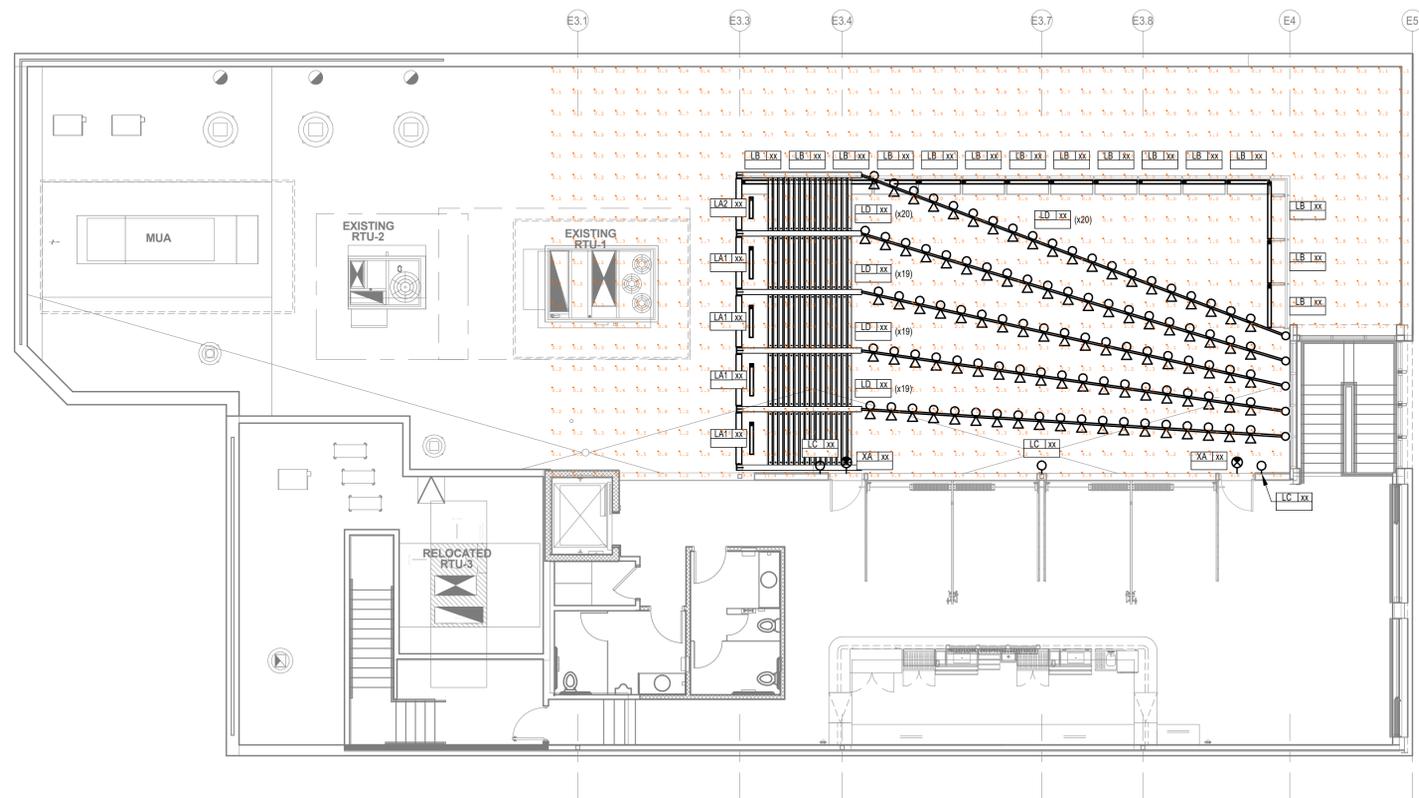






**Paver Install**





2 SECOND FLOOR LIGHTING PLAN  
 1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE											
PLAN MARK	MANUFACTURERS AND MODEL NUMBERS	DESCRIPTION	LED DETAILS		DRIVER		INPUT		FIXTURE MOUNTING SURFACE	NOTES	
			COLOR (K)	LUMEN OUTPUT	QTY.	TYPE	DIM MIN.	WATTS			VOLTS
LA1	TARGETTI JE-C-O-10-FL-36-2700-L-1E3304	LINEAR WALL WASH IP67	2700	3,600	1	0-10	1%	40	120	SURFACE	
LA2	TARGETTI JE-C-O-10-FL-24-2700-L-1E3304	LINEAR WALL WASH IP67	2700	2,400	1	0-10	1%	28	120	SURFACE	
LB	TARGETTI JE-C-O-10-FL-48-2700-L-1E3304	LINEAR WALL WASH IP67	2700	4,800	1	0-10	1%	53	120	SURFACE	
LC	LUMINIS EC610-L1W18R1-120-BKT-K27-EC6PS	EXTERIOR SCONCE	2700	1163	1	0-10	1%	15	120	WALL SURFACE	
LD	TIVOLI LSL2-B-24-H-2700K-F-12	GLOBE STRING	2700	7 LM/FT	1	0-10	1%	0.12W/FT	120	CATENARY	NOTE 2
XA	ISOLITE RWL-EM-G-1-BK-MTEBP	EXTERIOR EXIT	NA	NA	NA	NA	NA	3.4	120	WALL	

KEY:  
 3W =THREE WIRE DIMMING  
 0-10 =0-10V DIMMED  
 DA =DIGITAL ADDRESSABLE  
 ND =NON-DIMMED  
 SD =STEP DIMMED  
 DMX =DMX ENABLED

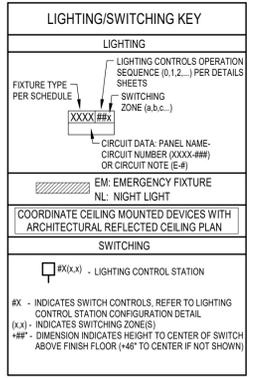
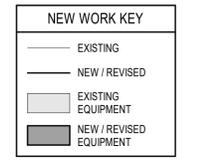
GENERAL NOTES:  
 A. REFER TO SPECIFICATION 265000 FOR ADDITIONAL REQUIREMENTS.  
 B. PROVIDE A MINIMUM 5 YEAR WARRANTY ON ALL LED PRODUCTS 20W AND GREATER.  
 C. EQUIVALENT MANUFACTURERS LISTED SHALL MEET PERFORMANCE REQUIREMENTS OF THE BASE FIXTURE SPECIFIED. EQUIVALENTS SHALL NOT CONSUME MORE THAN 10% IN WATTAGE OR BE LESS THAN 5% IN LUMENS.  
 D. COORDINATE WITH ARCHITECTURAL CEILING PLANS FOR CEILING TYPES PRIOR TO SUBMITTAL PROCESS. VERIFY PLANNED CEILING TYPES COORDINATE WITH SPECIFIED FIXTURES.  
 E. COORDINATE FIXTURES LOCATED IN NON-ACCESSIBLE CEILINGS ARE ACCESSIBLE FROM BELOW THROUGH THE FIXTURE, PRIOR TO SUBMITTAL PROCESS.  
 F. COORDINATE DRIVER TYPE WITH THE LIGHTING CONTROL SYSTEM, PRIOR TO SUBMITTAL PROCESS.

SPECIFIC NOTES:  
 1. PROVIDE WITH INTEGRAL BATTERY PACK.  
 2. PROVIDE WITH GALVANIZED CABLE IN LENGTHS NOTED ON PLANS. PROVIDE LOCKABLE FASTENERS AND INSTALL WITH CATENARY TENSIONING TOOL TO ENSURE MINIMAL DROOP OF CATENARY MOUNTED LIGHT FIXTURES

**ELECTRICAL LIGHTING SYMBOLS**

(NOTE: ALL SYMBOLS SHOWN MAY NOT BE REQUIRED FOR THIS PROJECT)  
 (NOTE: #HP INDICATES DIMENSION HEIGHT TO CENTER OF DEVICE ABOVE FINISHED FLOOR)

- \*\*\* LIGHTING FIXTURES \*\*\*
- INDICATES DAYLIGHT HARVEST ZONE
  - CEILING FIXTURE - PENDANT MOUNTED
  - CEILING FIXTURE
  - CEILING FIXTURE - RECESSED
  - FIXTURE - WALL MOUNTED
  - LINEAR FIXTURE
  - LINEAR FIXTURE - RECESSED
  - LINEAR FIXTURE - WALL MOUNTED
  - STRIP FIXTURE
  - STRIP FIXTURE - WALL MOUNTED
  - DIRECT / INDIRECT FIXTURE - SUSPENDED
  - FEED/SUSPENSION POINT
  - SUSPENSION POINT
  - LED STRIP FIXTURE
  - FEED POINT
  - EXIT SIGN - CEILING MOUNTED
  - EXIT SIGN - WALL MOUNTED
  - EXIT / EMERGENCY SIGN - CEILING MOUNTED
  - EXIT / EMERGENCY SIGN - WALL MOUNTED
  - EMERGENCY LIGHT - CEILING MOUNTED
  - EMERGENCY LIGHT - WALL MOUNTED
  - LIGHT TRACK
  - FEED POINT
  - HEAD
  - POLE AND LUMINAIRE, ARROW INDICATES AIMING
  - POLE AND TWO LUMINAIRE, ARROWS INDICATE AIMING
  - POST TOP LUMINAIRE
  - FLOOD LIGHT - GROUND MOUNTED
  - BOLLARD ON CONCRETE BASE
  - FLOOD LIGHT - IN GROUND
- (SOLID FILL) - INDICATES EXIT FACE  
 (ARROWS) - INDICATES CHEVRON DIRECTION



Key Plan

Revision Description Date

OPN Project No.  
**22608000**

Sheet Issue Date  
**05/30/17**

Sheet Name  
**SECOND FLOOR LIGHTING PLAN**  
 Sheet Number

**PRELIMINARY. NOT FOR CONSTRUCTION.**