# BONNIE ACRES, LLC

## 42851 E. CR 1470 LONE WOLF, OK 73655

SHEET#

00

000

01

02

03

### APPLICABLE CODES

OKLAHOMA UNIFORM BUILDING CODE COMMISSION

2018 INTERNATIONAL BUILDING CODE

2018 INTERNATIONAL EXISTING BUILDING CODE

2017 NATIONAL ELECTRICAL CODE

2018 INTERNATIONAL FUEL GAS CODE

2018 INTERNATIONAL MECHANICAL CODE

2018 INTERNATIONAL PLUMBING CODE

2018 INTERNATIONAL FIRE CODE

8,500 FT<sup>2</sup> PER STORY (WITHOUT

PRIMARY STRUCTURAL FRAME

EXTERIOR INTERIOR

**EXTERIOR** 

**INTERIOR** 

SHAFT ENCLOSURES

CORRIDORS

BERING WALLS AND PARTITIONS

NON BERING WALLS AND PARTITIONS

INCREASES) FOR F1, TYPE VB

2018 INTERNATIONAL ENERGY CONSERVATION CODE

### **BUILDING DETAILS**

OCCUPANCY GROUP			
OCCUPANCY TYPE: F1	SECTION 309.1 & 311.2		
CONSTRUCTION TYPE			
CONSTRUCTION TYPE: VB	TABLE 601		
BUILDING SQUARE FOOTAGE			
NEW BUILDING: 6,130.9375 FT <sup>2</sup>			
ALLOWABLE A	AREAS		

### **INTERIOR FINISHES: 2018**

ALL INTERIOR WALL AND CEILING FINISHES TO COMPLY WITH MINIMUM REQUIREMENTS AND TESTING. BELOW ARE MINIMUM REQUIREMENTS FOR SPRINKLERED AND NON SPRINKLERED AREAS, F1 OCCUPANCY.

F1	SPRINKLERED	NON SPRINKLERED		
EXIT ENCLOSURES	C	D		
AND PASSAGEWAYS	C	В		
CORRIDORS	С	С		
ROOMS AND		_		
<b>ENCLOSED SPACES</b>	C	C		
TABLE 803.13				

CLASS A (FLAME SPREAD 0-25)
CLASS B (FLAME SPREAD 26-75)
CLASS C (FLAME SPREAD 76-200)
SECTION 803.1.1

FIRE PROTECTION REQUIREMENTS			
BUILDING SYSTEMS	REQUIRED	REFERENCE	
SPRINKLER	NO	SECTION 903.2.7 & 903.2.	
STANDPIPES	NO	SECTION 905.3.1	
FIRE ALARM AND DETECTION SYSTEMS	YES	IFC SECTION 907.2.7	
UL300 SUPPRESSION SYSTEM (KITCHEN)	NO	SECTION 904.2.2	
OSFM DIRECTIVE FIRE ALARM 2013-8			
CO2 ENRICHMENT		2018 ifc 5307.4	

REFERENCE

TABLE 601

TABLE 601

TABLE 602

TABLE 601

TABLE 601

SECTION 713.4

TABLE 1020.1

04	FLOOR PLAN, EGRESS DETAILS BUILDING ELEVATIONS	
05-06		
		<b>EGRESS: 2018</b>
PER OCCUPANT: EGRESS COMPON	IENTS PER OCCUPANT:	0.2 INCHES WITH SPRINKLER 0.15 INCHES WITH SPRINKLER
M CLEAR DOOR M CLEAR DOOR	WIDTH @ EXIT: HEIGHT @ EXIT:	32" (WHEN OPEN 90° 80" HEAD CLEARANCE (6'8")

SHEET NAME

SITE PLAN

ADA REQUIREMENTS

MINIMUM CLEAR DOOR WIDTH @ EXIT: MINIMUM CLEAR DOOR HEIGHT @ EXIT:	32" (WHEN OPEN 90° 80" HEAD CLEARANCE (6'8")	SECTION 1010.1 SECTION 1010.1
MINIMUM WIDTH @ EGRESS STAIRWAY: MAXIMUM VERTICAL RISE @ STAIRWAY: MAXIMUM SLOPE @ EGRESS RAMP: MINIMUM CLEAR WIDTH @ EGRESS RAMPS:	44" 12' WITHOUT LANDING 1:12 3'-0" (BUT NOT LESS THAN: REQUIRED CORRIDOR WIDTH)	SECTION 1011.2 SECTION 1011.8 SECTION 1012.2 SECTION 1012.5
MAXIMUM EXIT TRAVEL DISTANCE: MAXIMUM EXIT TRAVEL DISTANCE:	250' WITH SPRINKLER SYSTEM 200' WITHOUT SPRINKLER SYSTEM	SECTION 1017.2 SECTION 1017.2
MAXIMUM DEAD END DISTANCE WHERE MORE THAN 1 EXIT IS REQUIRED FOR EXIT ACCESS:	20'	SECTION 1020.4
MINIMUM CORRIDOR WIDTH		

SHEET INDEX

COVER SHEET, PROJECT INFO, CODE ANALYSIS

PROJECT INFO, CODE ANALYSIS, (CONT)

DRAFT STOPS, WALL TYPE DIAGRAMS

>50 PEOPLE: 44" SECTION 1020.2

MINIMUM EXIT PASSAGEWAY
<50 PEOPLE: 36" SECTION 1024.2

44"

#### MAXIMUM FLOOR ALLOWANCES PER OCCUPANT

<50 PEOPLE:

>50 PEOPLE:

ADDITIONAL REQUIREMENTS					
BUILDING SYSTEMS REQUIRED REFERENCE					
THERMAL BARRIER	YES	IBC 2603.4			
ANY EXPOSED FOAM SHALL BE COVERED BY DC315 FOR THERMAL BARRIER REQUIREMENTS.					
DRAFTSTOPPING IN ATTICS NO IBC 718.4					

DRAFTSTOPPING SHALL BE INSTALLED TO SUBDIVIDE ATTIC SPACES WHERE REQUIRED BY SECTION 708.4.2. EXCEPTION: BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTE. DRAFTSTOPPING MATERIALS SHALL BE NOT LESS THAN 1/2 -INCH (12.7 mm) GYPSUM BOARD, 3/8-INCH (9.5 mm) WOOD STRUCTURAL PANEL, 3/8-INCH (9.5 mm) PARTICLE BOARD, 1-INCH (25 mm) NOMINAL LUMBER, CEMENT FIBER-BOARD, BATTS OR BLANKETS OF MINERAL WOOD OR GLASS FIBER, OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. THE INTEGRITY OF THE DRAFTSTOPS SHALL BE MAINTAINED.



**AUTHOR** 

CP

CP

CP

CP

CP

CP

CP

**SECTION 1005.3** 

**SECTION 1005.3** 

**SECTION 1020.2** 

**SECTION 1024.2** 

**TABLE 1004.5** 

TENANT BONNIE ACRES, LLC 42851 E. CR 1470 LONE WOLF, OK 73655

CONSULTING
LANDMARK SOLUTIONS
2106 S. CINCINNATI AVE, "F"
TULSA, OK 74114

General Notes

2	Issue for Review	
1	Issue for Review	
ο.	Revision/Issue	Date

Drawing Name

BONNIE ACRES, LLC COVER PAGE & CODE ANALYSIS

Project Name and Address

BONNIE ACRES, LLC

42851 E. CR 1470 LONE WOLF, OK 73655

Area CANNABIS	Stamp
Drawing Number	
Author CP	

\*\*1 HR IS REQUIRED FOR BUILDINGS <4 STORIES. SHAFTS SHALL HAVE RATINGS NOT LESS THAN THE FLOOR ASSEMBLY, BUT NEED NOT EXCEED 2 HOURS.

TABLE 506.2

**BUILDING ELEMENTS** 

FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS

ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS

FIRE RESISTANCE RATING REQUIREMENTS

**RATINGS** 

(HOURS)

TYPE VB

 $0 \, \mathrm{HR}$ 

 $0 \, \mathrm{HR}$ 

 $0 \, \mathrm{HR}$ 

 $0 \, \mathrm{HR}$ 

 $0 \, \mathrm{HR}$ 

1 HR\*\*

 $0 \, \mathrm{HR}$ 

## BONNIE ACRES, LLC

## 42851 E. CR 1470 LONE WOLF, OK 73655

OSFM DIRECTIVES			
DIRECTIVE	REQUIRED	REFERENCE	
RESCUE WINDOWS IN CLASSROOMS	NO	DIRECTIVE 2013-1	
FIRE WATCH REQUIREMENTS	NO	DIRECTIVE 2013-3	
FIRE ALARM REQUIREMENTS FOR ADDITIONS TO EXISTING BUILDINGS AND/OR REMODELS OF EXISTING BUILDINS	NO	DIRECTIVE 2013-4	
FIRE ALARM REQUIREMENTS FOR SHUNTING VISUAL AND/OR AUDIO DISTRACTIONS IN EXISTING BUILDINGS AND/OR REMODELS OF EXISTING BUILDINGS	NO	DIRECTIVE 2013-5	
FIRE ALARM REQUIREMENTS FOR SHUNTING GAS LINES-REQUIREMENTS FOR ADDITIONS TO EXISTING BUILDINGS AND/OR REMODELS OF EXISTING BUILDINGS	NO	DIRECTIVE 2013-6	
HOOD SUPPRESSION SYSTEM REQUIREMENTS FOR COOKING APPLIANCES USED FOR WARMING PURPOSES ONLY	NO	DIRECTIVE 2013-7	
FIRE ALARM SYSTEM REQUIREMENTS FOR NEW BUILDINGS AND/OR ADDITIONS TO AN EXISTING BUILDING WITHOUT A FIRE HYDRANT WITHIN 1,000 FEET OF THE BUILDING	NO	DIRECTIVE 2013-8	
MEANS OF EGRESS REQUIREMENTS FOR NEW ASSEMBLY AND EDUCATIONAL PRESS BOXES	NO	DIRECTIVE 2013-9	
OKSFM ADDITIONAL CODE REFERENCE AND USE	NO	DIRECTIVE 2024-1	

CO <sup>2</sup> ENRICHMENT*		
DIRECTIVE	REQUIRED	REFERENCE
PRESSURIZATION AND VENTILATION	NO	IFC 5307.4

ROOMS OR INDOOR AREAS IN WHICH CARBON DIOXIDE ENRICHMENT IS PROVIDED SHALL BE MAINTAINED AT A NEGATIVE PRESSURE IN RELATION TO THE SURROUNDING AREAS IN THE BUILDING. A MECHANICAL VENTILATION SYSTEM SHALL BE PROVIDED IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE THAT COMPLIES WITH ALL OF THE FOLLOWING:

- 1. MECHANICAL VENTILATION IN THE ROOM OR AREA SHALL BE AT A RATE OF NOT LESS THAN 1 CFM PER FT<sup>2</sup> [0.00508M<sup>3</sup>/(S\*M<sup>2</sup>)].
- 2. WHEN ACTIVATED BY THE GAS DETECTION SYSTEM, THE MECHANICAL VENTILATION SYSTEM SHALL REMAIN ON UNTIL MANUALLY RESET.
- 3. THE EXHAUST SYSTEM INTAKES SHALL BE TAKEN FROM POINTS WITHIN 12 INCHES (305mm) OF THE FLOOR.
- 4. THE VENTILATION SYSTEM SHALL DISCHARGE TO THE OUTDOORS IN AN APPROVED LOCATION.

SIGNAGE	NO	IFC 5307.4.5

HAZARD IDENTIFICATION SIGNS SHALL BE POSTED AT THE ENTRANCE TO THE ROOM AND INDOOR AREAS WHERE THE CARBON DIOXIDE ENRICHMENT PROCESS IS LOCATED, AND AT THE ENTRANCE TO THE ROOM OR INDOOR AREA WHERE THE CARBON DIOXIDE CONTAINERS ARE LOCATED. THE SIGN SHALL BE NOT LESS THAN 8 INCHES (200mm) IN WIDTH AND 6 INCHES (150mm) IN HEIGHT AND INDICATE:

"CAUTION - CARBON DIOXIDE GAS VENTILATE THE AREA BEFORE ENTERING GAS CONCENTRATION IN THIS AREA CAN CAUSE ASPHYXIATION"

\*IF REQUIRED ALL CO<sup>2</sup> ENRICHMENT MUST CONFORM TO IFC 5307.4 AND MUST BE PERMITTED THROUGH THE OSFM OFFICE (CO<sup>2</sup> PERMIT WILL BE REQUIRED)

EXTRACTION**		
DIRECTIVE	REQUIRED	REFERENCE
EXTRACTION ROOM	NO	IFC CH 39

#### EXTRACTION ROOM MUST CONTAIN THE FOLLOWING:

- FIRE SUPPRESSION
- EMERGENCY GENERATOR SHALL BE CONNECTED TO EXTRACTION ROOM LIGHTING AND VENTILATION
- GAS DETECTION
- CLASS I DIV I IN EXTRACTION AREA
- PANIC HARDWARE ON EGRESS DOOR OR PROVIDED FREE EGRESS WITH NO ACTION REQUIRED
- ACTIVATION OF GAS DETECTION WILL ACTIVATE MECHANICAL VENTILATION, FIRE ALARM AND SHALL SHUNT ELECTRICAL LIGHT SWITCHES AND ELECTRICAL OUTLETS
- TECHNICAL REPORT MUST BE PROVIDED PER 2018 IFC 3904.3
- EMERGENCY SHUT OFF SHALL BE INSTALLED IN ACCORDANCE WITH IFC 5803.1.3
- FAILURE OF GAS DETECTION SHALL SHUNT HEATING SYSTEMS, ACTIVATE VENTILATION AND INITIATE TROUBLE SIGNAL OUTSIDE OF EXTRACTION ROOM

MAXIMUM ALLOWABLE QUANTITY FLAMMABLE GAS - LIQUID IFC 5003.1.1 (1)

STORAGE USE-CLOSE SYSTEM USE-OPEN LIQUID 150 de 150de N/A BUTANE WILL BE UNDER THE MAXIMUM ALLOWABLE QUANTITY

\*\* A TECHNICAL REPORT SHALL BE PROVIDED AND APPROVED BY THE OKLAHOMA STATE FIRE MARSHAL.

OWNER WILL PROVIDE A REPORT BY AN APPROVED STATE MECHANICAL ENGINEER.



TENANT
BONNIE ACRES, LLC
42851 E. CR 1470
LONE WOLF, OK 73655

CONSULTING
LANDMARK SOLUTIONS
2106 S. CINCINNATI AVE, "F"
TULSA, OK 74114

General Notes

2	Issue for Review	
1	Issue for Review	
No.	Revision/Issue	Date

Drawing Name

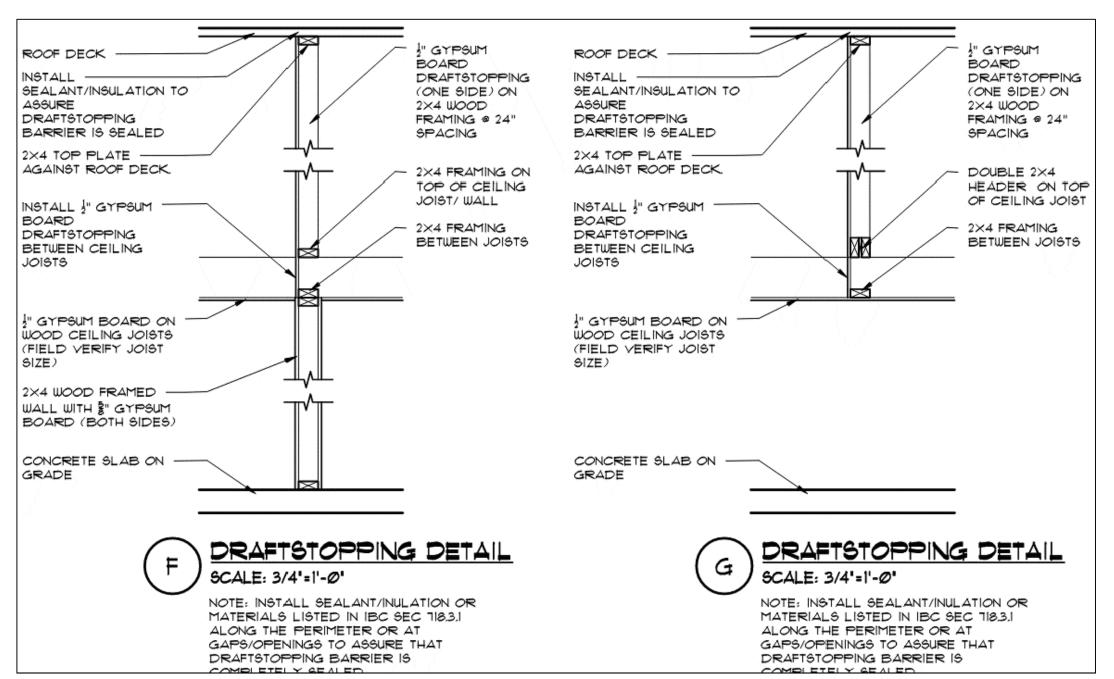
BONNIE ACRES, LLC COVER PAGE & CODE ANALYSIS

Project Name and Address

BONNIE ACRES, LLC

42851 E. CR 1470 LONE WOLF, OK 73655

Area CANNABIS	Stamp
Drawing Number	
Author CP	





TENANT
BONNIE ACRES, LLC
42851 E. CR 1470
LONE WOLF, OK 73655

CONSULTING
LANDMARK SOLUTIONS
2106 S. CINCINNATI AVE, "F"
TULSA, OK 74114

General Notes

2	Issue for Review	
1	Issue for Review	
No.	Revision/Issue	Date

Drawing Name

BONNIE ACRES, LLC DRAFT STOP AND WALL DETAILS

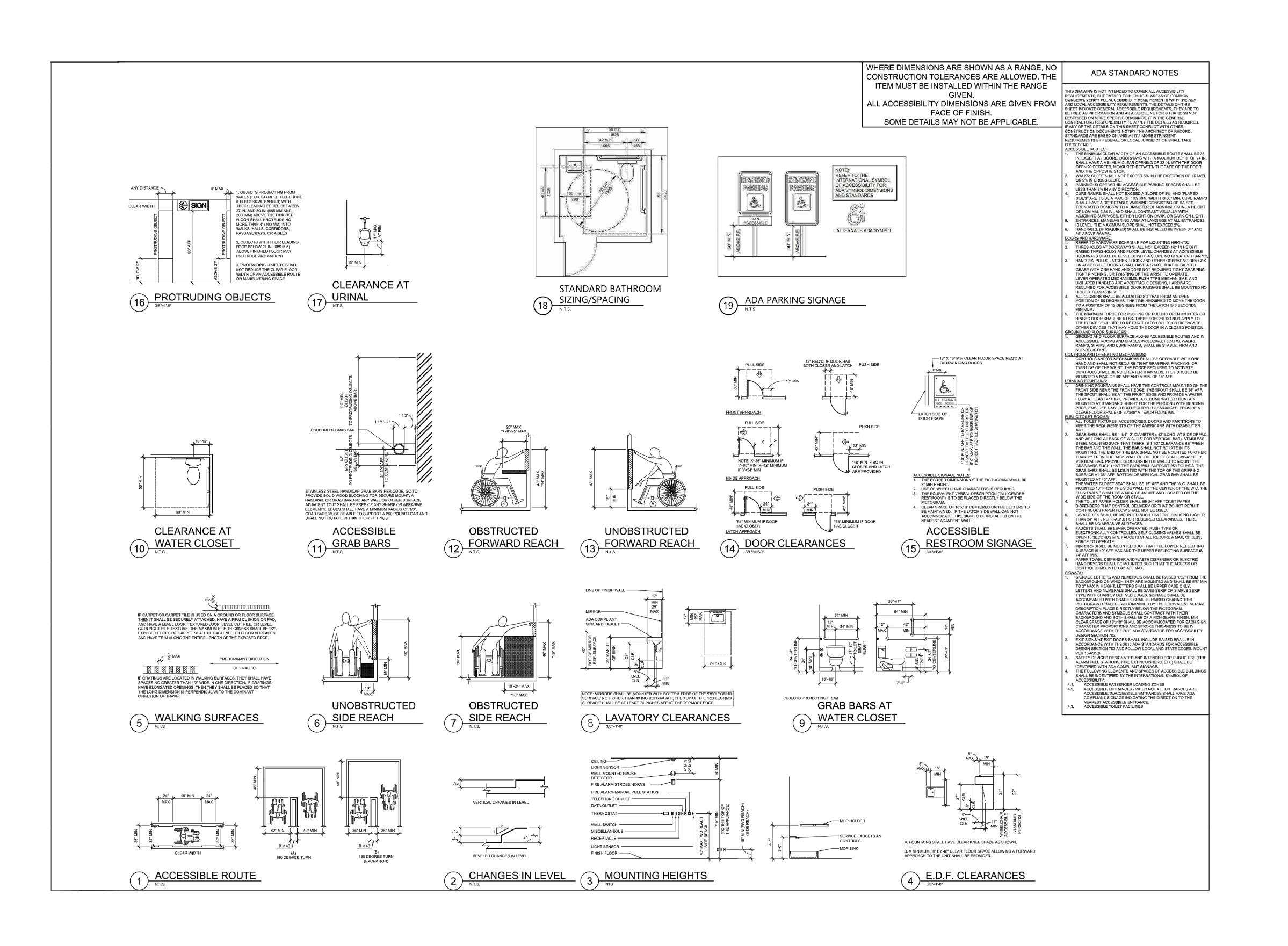
Project Name and Address

BONNIE ACRES, LLC

42851 E. CR 1470 LONE WOLF, OK 73655

Area CANNABIS	Stamp
Drawing Number	
Author CP	

C:\Users\ClintPercefull\Desktop\Landmark Projects\Bonnie Acres\01 - BONNIE ACRES-Draft Stops\_Wall Type-New Re





TENANT
BONNIE ACRES, LLC
42851 E. CR 1470
LONE WOLF, OK 73655

CONSULTING
LANDMARK SOLUTIONS
2106 S. CINCINNATI AVE, "F"
TULSA, OK 74114

General Notes

2 Issue for Review  1 Issue for Review  No. Revision/Issue Date			
	2	Issue for Review	
No. Revision/Issue Date	1	Issue for Review	
	No.	Revision/Issue	Date

Drawing Name

BONNIE ACRES, LLC ADA REQUIREMENTS

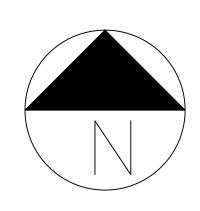
Project Name and Address

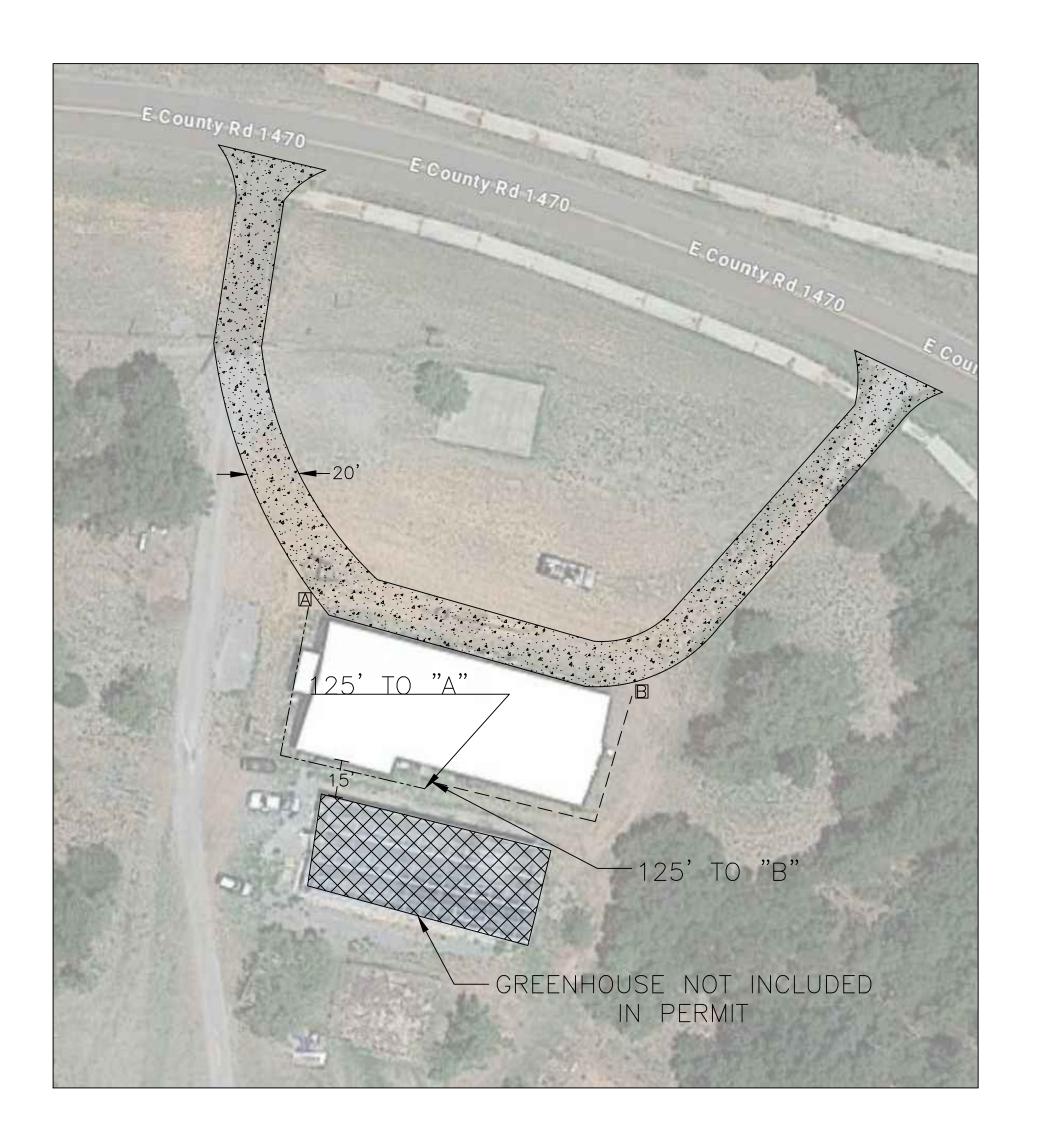
BONNIE ACRES, LLC

42851 E. CR 1470 LONE WOLF, OK 73655

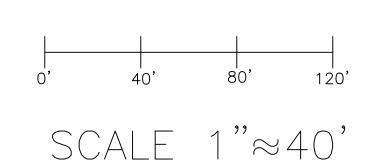
Area CANNABIS	Stamp
Drawing Number	
Author CP	

C:\Users\ClintPercefull\Desktop\Landmark Projects\Bonnie Acres\02 — BONNIE ACRES—ADA—New Reç





FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS AND SHALL BE SURFACED SO AS TO PROVIDE ALL—WEATHER DRIVING CAPABILITIES. ALL ROADS MUST ME A MINIMUM OF 20' WIDE IN ALL PORTIONS. (IFC 503.2.1 & 503.2.3)





General Notes

2	Issue for Review	X/XX
1	Issue for Review	X/XX
No.	Revision/Issue	Date

Drawing No

BONNIE ACRES, LLC SITEPLAN

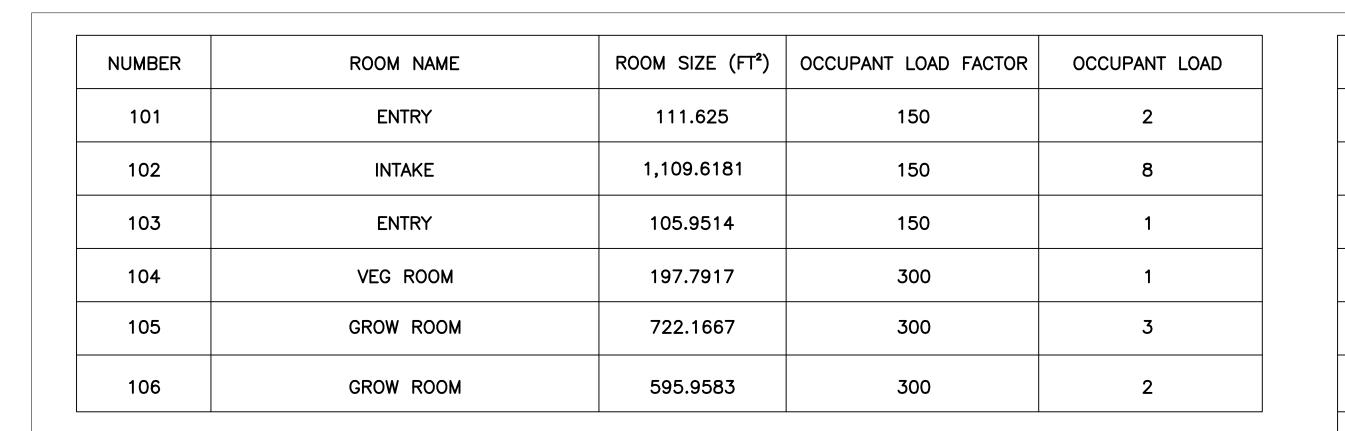
Project Name and Address

BONNIE ACRES, LLC

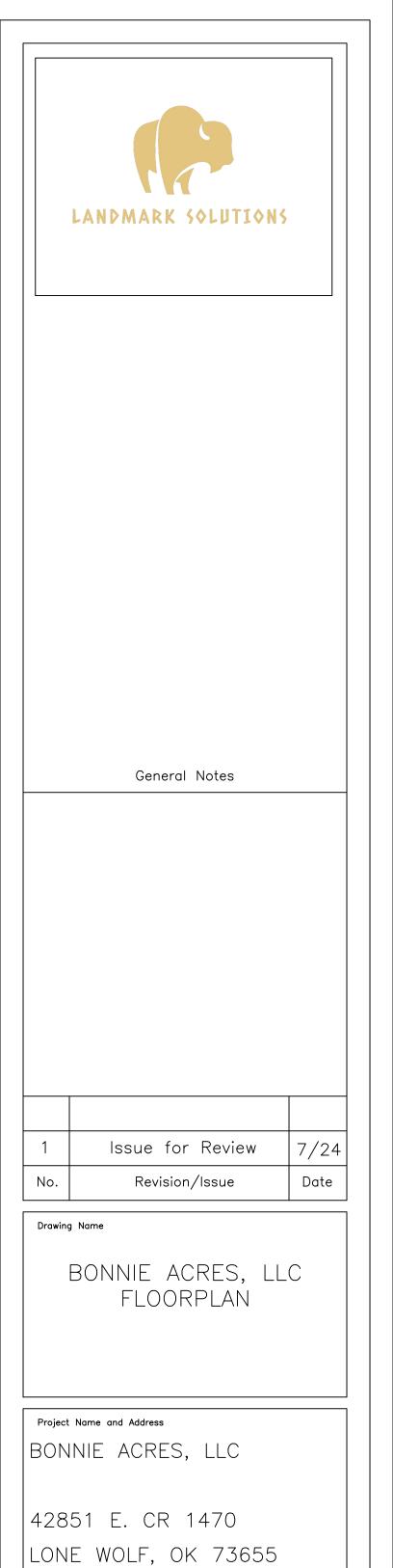
42851 E. CR 1470 LONE WOLF, OK 73655

Area CANNABIS	Stamp
Drawing Number	
Author CP	

:\Users\ClintPercefull\Desktop\Landmark Projects\Bonnie Acres\03 - BONNE ACRES-Si



NUMBER	ROOM NAME	ROOM SIZE (FT²)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
107	PROCESSING ROOM	149.3403	300	1
108	GROW ROOM	565.5	300	2
109	DRY ROOM	627.2292	300	3
110	GROW ROOM	507.5	300	2
111	STORAGE	81.083	300	1
112	VEG ROOM	152.25	300	1
TOTAL AREA	TOTAL BUILDING AREA	6,130.9375	TOTAL OCC LOAD	27



Stamp

CANNABIS

Drawing Number

CP

