



Smoking area

Caterers Parking

Games

dumpster

Fire Lane

AC

AC

HD

Vet

Vet



**2018 INTERNATIONAL BUILDING CODE (IBC)**

**IBC CHAPTER 2: OCCUPANCY CLASSIFICATION & USE**

**IBC CHAPTER 6: GENERAL BUILDING HEIGHTS & AREAS**

**IBC CHAPTER 7: FIRE & SMOKE PROTECTION FEATURES**

**2018 INTERNATIONAL BUILDING CODE (IBC) - CONTINUED:**

**IBC CHAPTERS 8-9:**

**IBC CHAPTER 10: MEANS OF EGRESS**

**IBC CHAPTER 11: ACCESSIBILITY**

**IBC CHAPTER 12: PLUMBING SYSTEMS**

**IBC CHAPTER 30-35:**

**GENERAL NOTES**

THE REQUIREMENTS OF CHAPTERS 8-9 ARE REFERENCED IN THE PROJECT SPECIFICATIONS ON THE DRAWINGS AS APPLICABLE TO THIS PROJECT.

AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT STORES CONTAINING OCCUPANCIES AND THROUGHOUT ALL STORES FROM THE GROUP A3 OCCUPANCY TO AND INCLUDING THE LEVELS OF FULL OCCUPANCY EXCEPT THOSE OCCUPANCIES WHICH ARE ONE OF THE FOLLOWING OCCUPANCY TYPES:

1. THE FIRE AREA EXCEPTS TO 200 SQUARE FEET

2. THE FIRE AREA HAVING AN OCCUPANT LOAD OF 30 OR MORE

3. THE FIRE AREA IS LOCATED ON A FLOOR OTHER THAN A LEVEL OF EXIT DEPARTURE BEYOND SUCH OCCUPANCIES

**LIFE SAFETY GRAPHIC LEGEND**

**LIFE SAFETY GRAPHIC LEGEND**

MAXIMUM EXIT / EXIT ACCESS TRAVEL DISTANCE

EXIT / EXIT ACCESS TRAVEL DISTANCE SEGMENT START/STOP

WALL WORK INDICATED FIRE EXTINGUISHER

EXIT SIGNAGE & EMERGENCY LIGHTING (SEE ELECTRICAL DRAWINGS)

EXIT / EXIT ACCESS COMPONENT & TAG

36" (9' CLEAR) EXIT / EXIT ACCESS DOOR \*

18" OCCUPANTS MAX. (24") PER IBC 1005.3.3

42" (9' CLEAR) BETWEEN HANDRAILS IN INTERIOR EXIT STAIR \*

18" OCCUPANTS MAX. (24") PER IBC 1053.3.1

54" (9' CLEAR) BETWEEN HANDRAILS IN EXIT STAIR \*

18" OCCUPANTS MAX. (24") PER IBC 1053.3.1

ACCESSIBLE EGRESS ASSEMBLY

36" (9' CLEAR) BETWEEN HANDRAILS IN INTERIOR EXIT STAIR \*

18" OCCUPANTS MAX. (24") PER IBC 1053.3.3

54" (9' CLEAR) BETWEEN HANDRAILS IN EXIT STAIR \*

18" OCCUPANTS MAX. (24") PER IBC 1053.3.1

NOT SHOWN

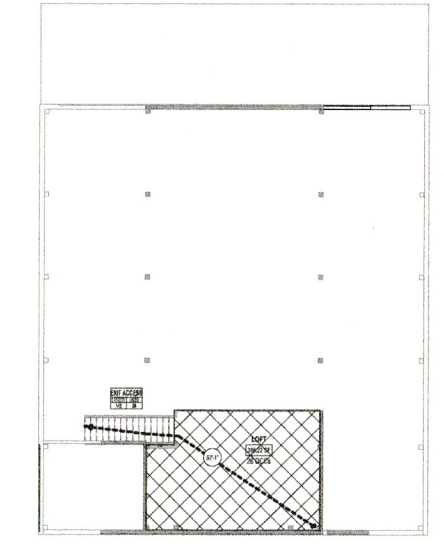
**INTERIOR WALL FIRE RATINGS LEGEND**

WALL TYPE	GRAPHIC LEGEND	UL DESIGN NUMBER
NON-RATED	AS NOTED ON PLANS / SECTIONS	
1 1/2 HOURS	AS NOTED ON PLANS / SECTIONS	
2 HOURS	AS NOTED ON PLANS / SECTIONS	
3 HOURS	AS NOTED ON PLANS / SECTIONS	
4 HOURS	AS NOTED ON PLANS / SECTIONS	
5 HOURS	AS NOTED ON PLANS / SECTIONS	
6 HOURS	AS NOTED ON PLANS / SECTIONS	

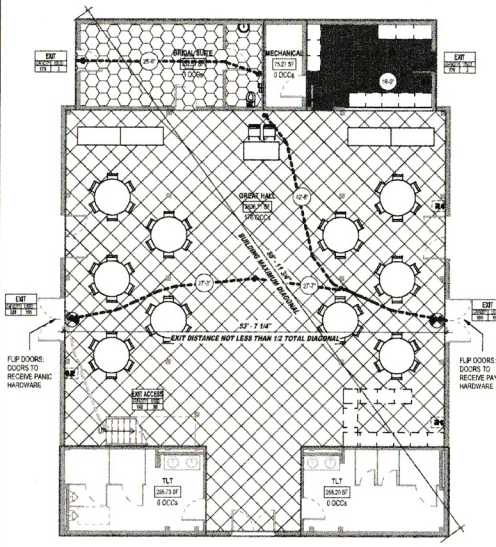
REFER TO SHEET ADDITIONAL INFORMATION

**CODE - IBC TABLE 1004.5 - CALCULATED OCCUPANCY**

NAME	CALC. AREA	PER OCCUPANT	FACTOR	CALC. OCC. PER CODE	ACTUAL (2)
LEVEL 01					
A1	303.81 SF	55.00 SF	0.000	2,742.00	3,000
A2	229.77 SF	200.00 SF	0.000	1,148.85	2,000
A3	2630.77 SF	16.00 SF	0.000	170,923.00	170,000
A4	73.37 SF	300.00 SF	0.000	244.57	0,000
A5	258.73 SF	300.00 SF	0.000	862.43	0,000
A6	298.33 SF	300.00 SF	0.000	994.43	0,000
TOP - MEZZ FLOOR					
A7	306.22 SF	15.00 SF	0.000	20,415.33	20,000
				20,415.33	20,000



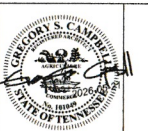
**A16** TOP - MEZZ FLOOR  
1/8" = 1'-0"



**A10** LEVEL 01  
1/8" = 1'-0"

**IBC TABLE 1004.5 FUNCTION OF SPACE**

- Accessory storage areas, mechanical equipment room
- Assembly, without fixed seats - Unconstrained (tables & chairs)
- Business areas
- Kitchens, commercial



PROJECT NUMBER: 26041  
 CODE REVIEW FOR: **TIMBER TRAILS BARN**

#	REVISION	DATE

SHEET INFORMATION  
**LS101**  
 FIRST FLOOR LIFE SAFETY PLAN

SHEET ISSUE DATE:  
 2024-05-21

ALL DIMENSIONS & LEGENDS INCLUDED  
 WHEN THE CONTRACTOR HAS BEEN ADVISED BY THE ARCHITECT







The Barn at Timber Trails



Front parking/Barn



Outdoor Ceremony Space



The Barn at Timber Trails Entrance



The Barn at Timber Trails driveway



Upper Parking lot



Lower parking lot

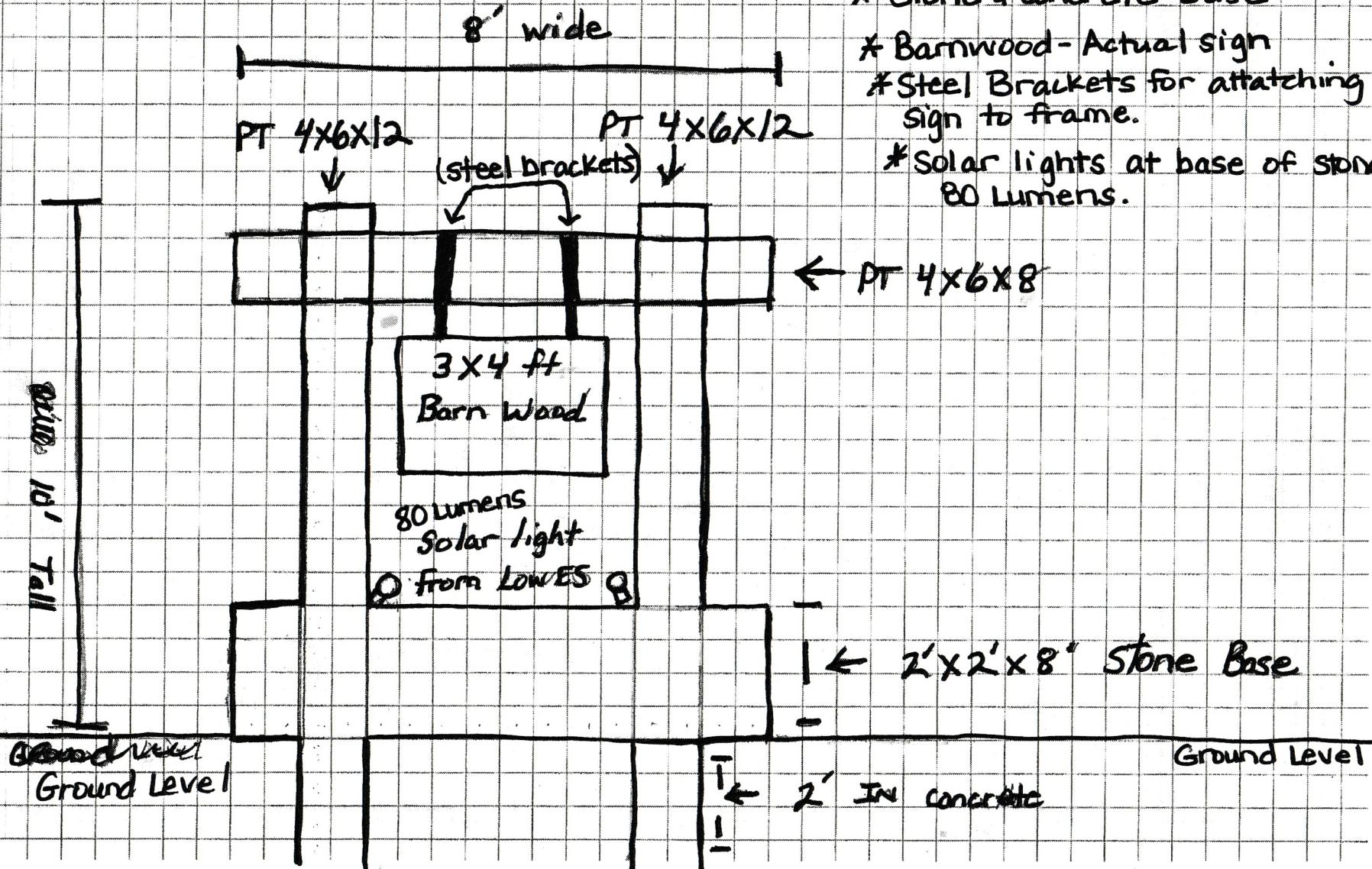
\* PT - pressure treated wood for frame

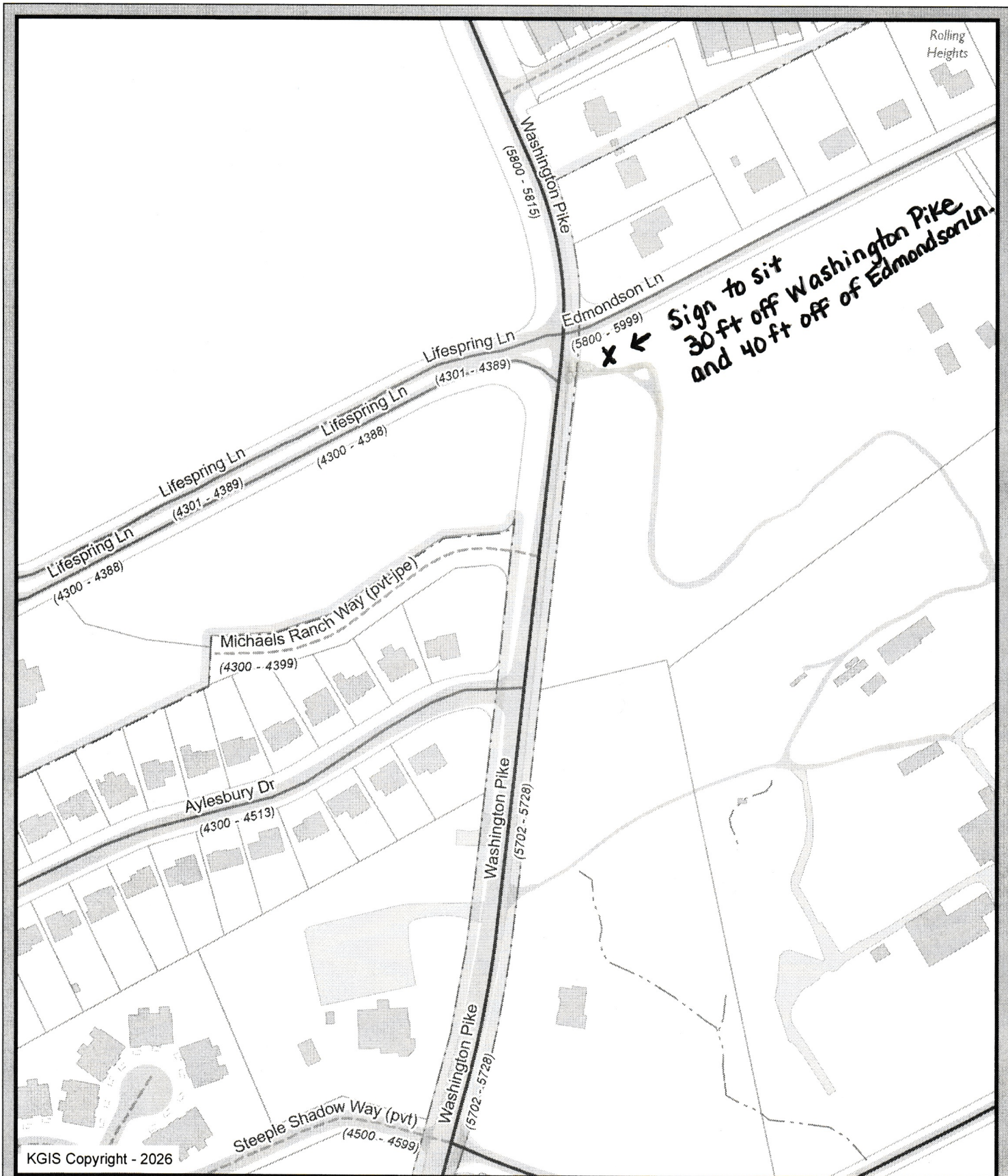
\* Stone & concrete base

\* Barnwood - Actual sign

\* Steel Brackets for attaching sign to frame.

\* Solar lights at base of stone base.  
80 Lumens.





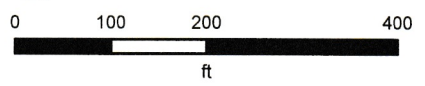
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### The Barn at Timber Trails

Knoxville - Knox County - KUB Geographic Information System



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A rustic wooden sign is the central focus, mounted on two vertical wooden posts. The sign is made of dark, weathered wood and features the text 'The Barn at Timber Trails' in a white, serif font. The word 'The' is in a cursive script, while 'Barn' is in a bold serif. 'at' is in a smaller, lowercase serif font, and 'Timber Trails' is in a large, bold serif font. The sign is positioned in front of a stone wall made of irregular, light-colored stones. In the background, a wooden barn is visible on the left, and a gravel path leads away from the sign towards a white wooden fence and a line of trees under a clear sky.

*The Barn*  
*at*  
**Timber Trails**