

# Fire Training Facility

## SUNY Ulster Campus

### Overview of Presentation

- Need for a Shared Fire Service Training Network
- Why SUNY Ulster Campus
- Preferred Site
- Concept Plan
- Program Elements
- Site Use Q&A
- Applicability of Local Zoning
- Lead Agency Request

# Fire Training Facility

## SUNY Ulster Campus

### **Need for a Shared Fire Service Training Network**

#### **SUNY Ulster Campus Provides:**

- Central Location and Appropriate Site Access
- Existing Site Infrastructure
- Available classroom facilities
- Available on-campus locations

#### **Proposed Facilities Support Core Required Training Elements**

- Firefighter I
- Firefighter II
- SCBA Confidence
- Firefighter Survival
- Firefighter Assist and Search Team
- Company Operations

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# SUNY Ulster Campus

**Size:** 87.5 Acres

**Zoning:** R-1& R-3

**Infrastructure:**  
Public Water Supply  
– wells  
Sewer: Leachfield(s)





# Preferred Site Location



# Preferred Site Access

Utilize existing roads and parking





# Preferred Site Facilities Area





# Site Photo

Southwest





# Site Photo

South





# Site Photo

North





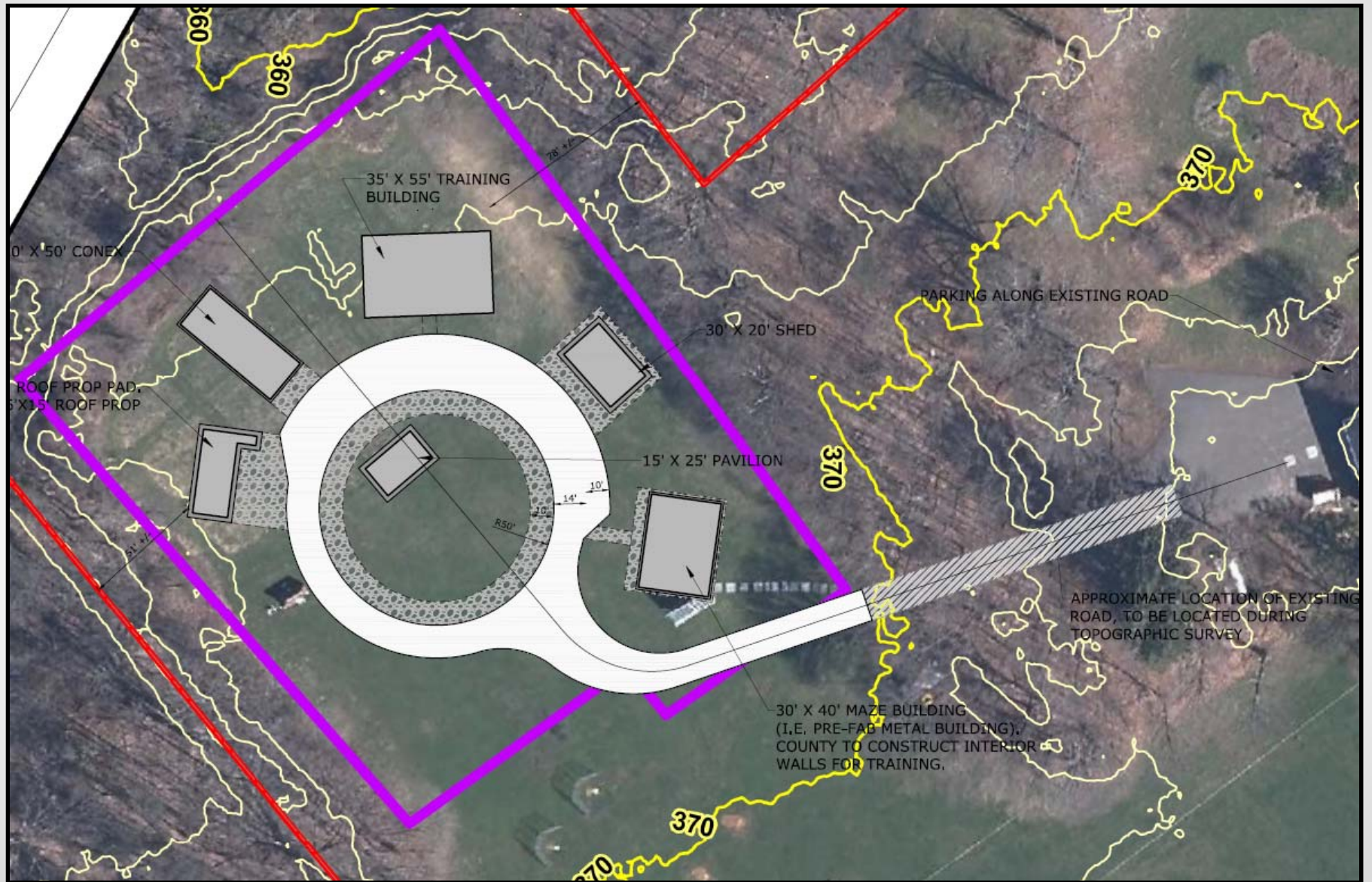
# Site Photo

Northwest





# Concept Plan



# Site Elements:

- SCBA Confidence Maze
- Fire Training Building
- Roof Prop
- Storage/Maintenance Building
- Pavilion
- Miscellaneous
  - Conex Boxes – Storage
  - Cascade System (interior storage/maintenance bldg.
  - Site Lighting



# Site Elements:

SCBA Confidence Maze –  
built inside garage like structure



# Site Elements:

## 2 Similar Structures

1. SCBA Maze
2. Storage/Maintenance Building

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# Site Elements:

## Pavilion

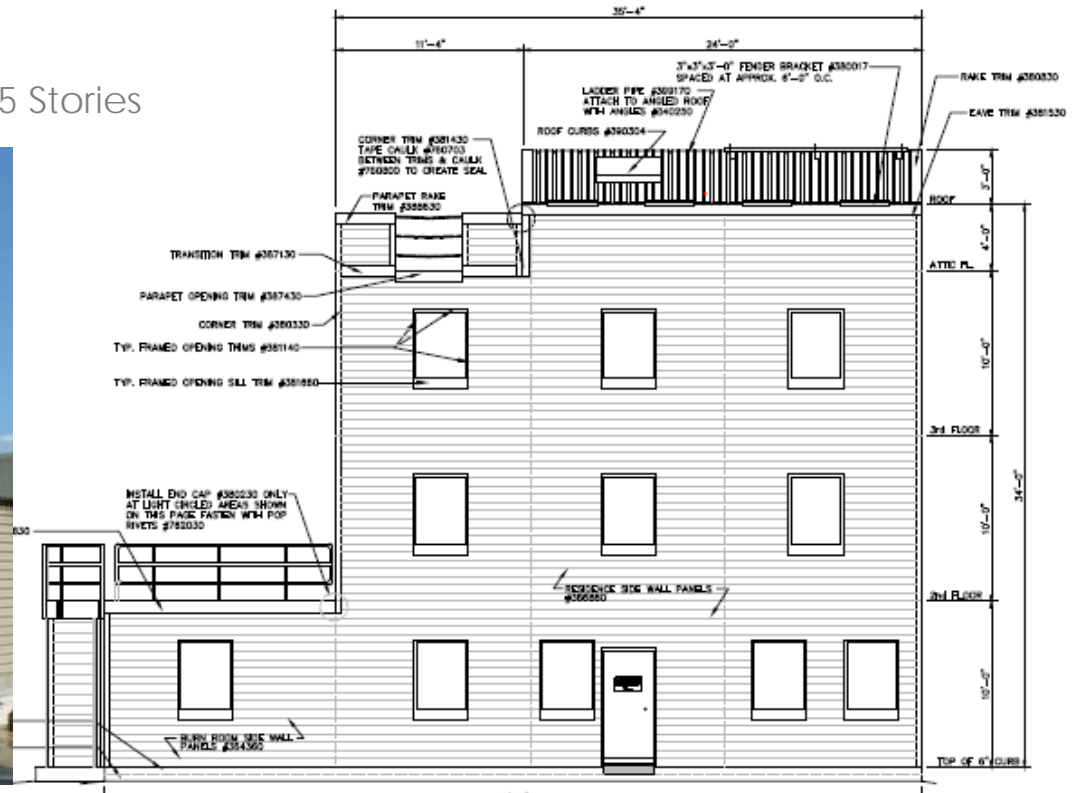


# Program Elements:

## Training Building

Proposed 3 Story – 37 ft. to ridge

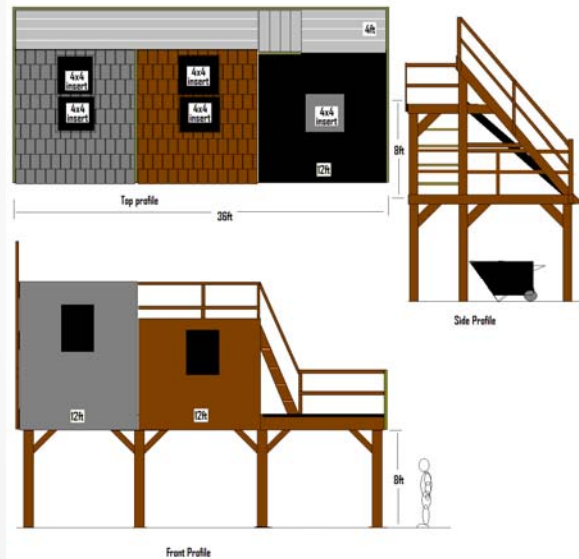
Similar to Proposed: note as shown 2.5 Stories





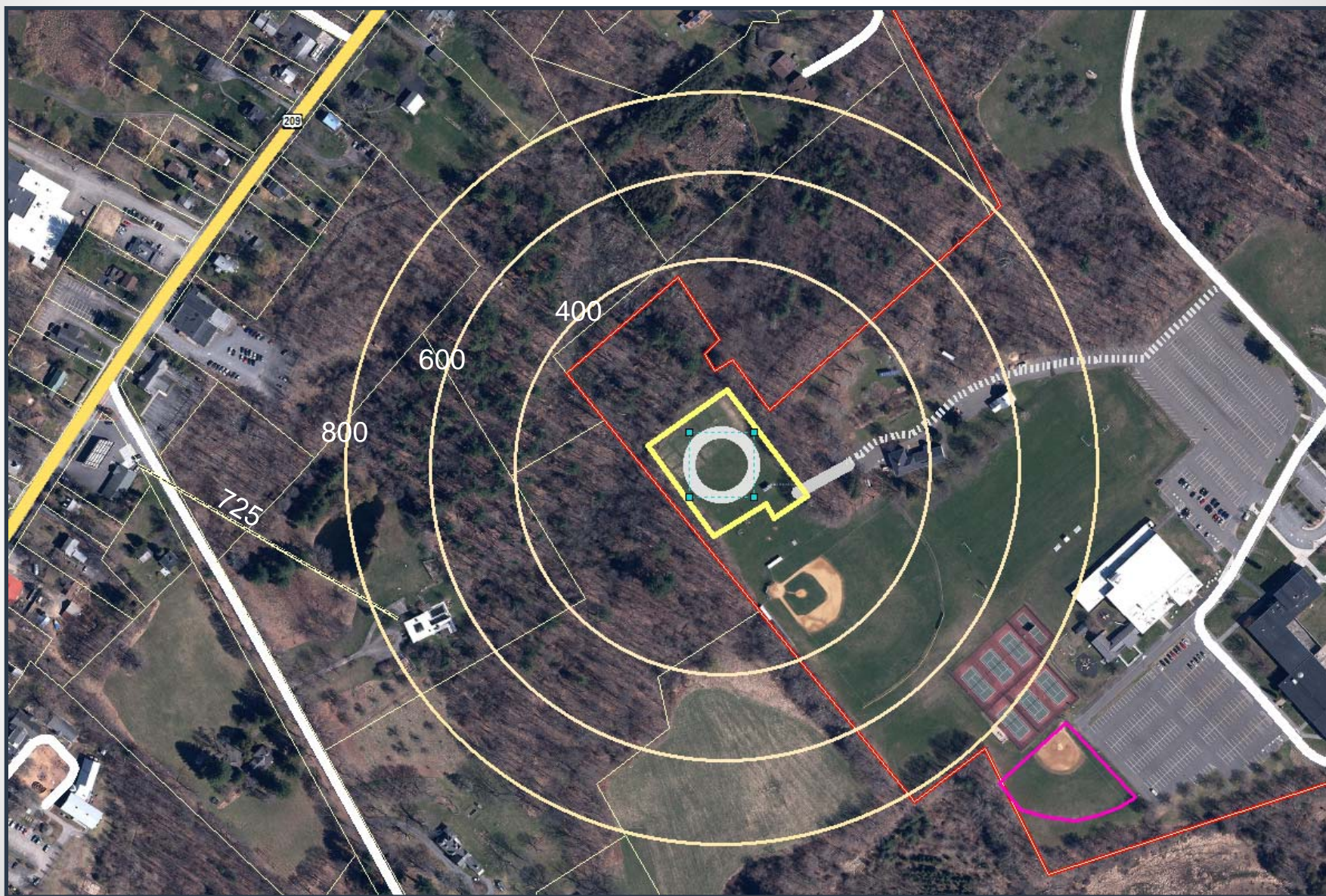
# Program Elements:

## Roof Prop





# Distance Plots





# Site Utilization Questions?

## **Live Fire Use: Will any of the facilities be used for live fire activities?**

- Answer: Absolutely NOT. The facilities are not designed to support live fire training and no live fire training activities have been proposed, contemplated, or discussed.

## **Training Activities: What Training Activities will take place?**

- Answer: Training activities will include search and rescue, roof operations, hose stretching and handling, bail outs, and use of self contained breathing apparatus (SCBA)

## **Water Use: What is the Anticipated Water Use?**

- Answer; The only additional water used from on-site sources will be in relation to use of restroom facilities by the firefighters. Water to fill hoses for training purposes will be brought in by the fire companies. This is done so that firefighters train with filled hoses to become accustom to their weight and feel.

# Site Utilization Questions?

## **Traffic: What is the anticipated Increase in traffic?**

- Answer: traffic increase is estimated to be less than 30 vehicle (total) with most arriving within a single hour. Of these 30 vehicles approximately 3-5 vehicles will be larger fire apparatus. This traffic will occur off-peak (See training activities). Higher levels of traffic may occur on Saturdays if multiple companies access the site. Again these would be off peak and occurring when student population is low on campus. Existing traffic volume on the Cottekill Road, a County Route is > 4,000 AADT

## **Site Use: How many days and what hours will the site be used?**

- Answer: The site will be used approximately 3 days a week and on some Saturdays. Very limited training may take place during the winter months. Similarly, training is curtailed during the summer months of July and August as heat and vacations factor into available training opportunities. Training hours will be between 6:30pm and 9:30-10:00pm during the week and 9:00am to 4:00pm on some Saturdays.



# Site Utilization Questions?

**Site Clearing:** will the construction of fire training facilities at SUNY Ulster mean more land will be cleared, taking away more of the habitat for wildlife or a noise buffer?

- Answer: A concept plan illustrates that facilities are being placed within an open meadow area that is now routinely mowed by the College. Only minimal clearing for road widening along an existing access road is needed.

## **Will the Site Disrupt Campus Activities**

- Answer: The preferred site was chosen in close cooperation with the College. Access to the site avoids the traffic and pedestrian areas closer to existing buildings. The site is over 600 ft. from the existing tennis courts. Weekday schedules do not conflict with use of the ballfield. Weekend schedules would be coordinated in the spring to avoid conflicts. Current site use for dog training is periodic and can be accommodated as necessary.

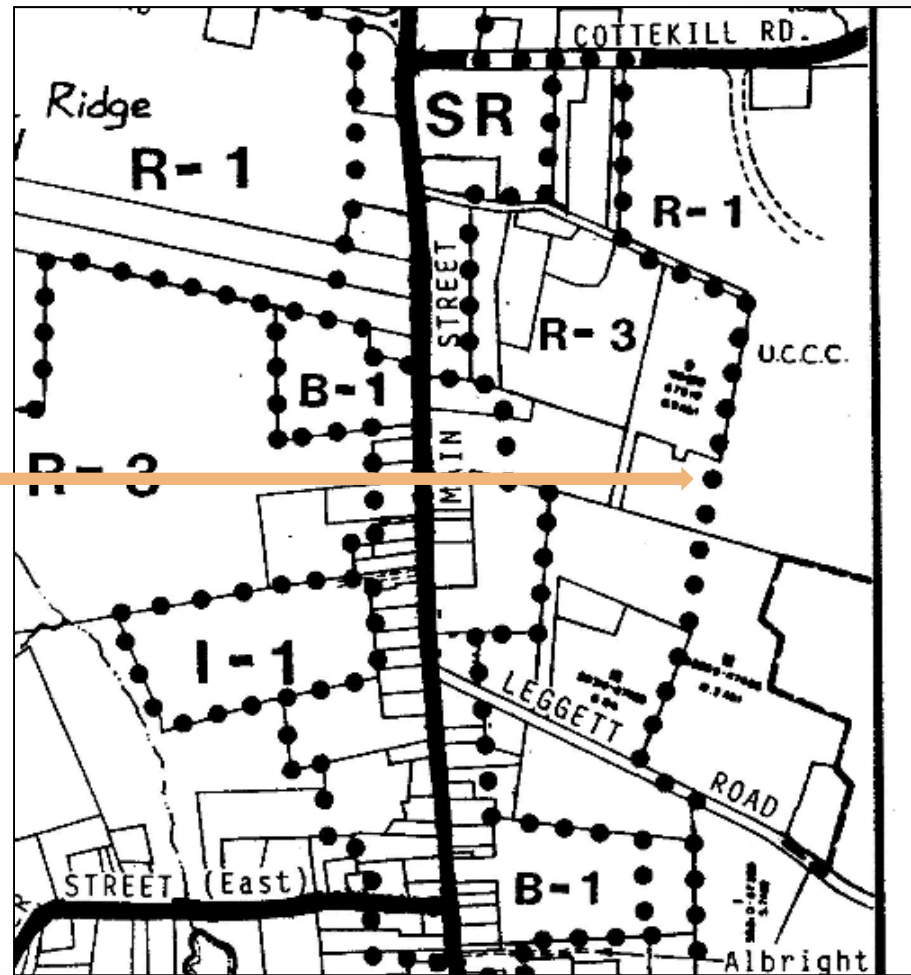
# County/College & Local Zoning

## Balance of Public Interest Test

1. The nature and scope of the instrumentality seeking immunity
2. The encroaching government's legislative grant of authority;
3. The kind of function or land use involved;
4. The effect local land use regulation would have upon the enterprise concerned;
5. Alternative locations for the facility in less restrictive zoning areas;
6. The impact upon legitimate local interests;
7. Alternative methods of providing the proposed improvement;
8. The extent of the public interest to be served by the improvements; and
9. Intergovernmental participation in the project development process and an opportunity to be heard.



# Marbletown Zoning



# Marbletown Zoning

<b>Educational services</b>		R1-R2	R-3							Supplementary
Elementary and secondary public schools, junior colleges, and colleges, universities and professional schools	SP	SP	SP	SP	SP	SP	SP	SP	SP	§ <b>200-40D</b> Refers to light I industrial district standards
Elementary and secondary schools; private academic or parochial schools	SP	SU	SU	SU	X	SU	SU	SU	X	§ <b>200-46C</b>
Business schools; language schools; and all other schools and instruction; educational support services	X	X	X	X	X	X	SP	SP	X	
Technical and trade schools	X	X	X	X	X	X	SP	SP	SP	
Fine arts schools, sports and recreation instruction	SU	X	X	X	X	X	SP	SP	X	



# Marbletown Zoning

The following schedule of density control regulations is hereby adopted and declared to be a part of this chapter and is hereinafter referred to as the "Density Control Schedule."

Zoning District	Minimum Lot Dimensions				Required Min Yard Setbacks (feet)			Maximum Lot Coverage Including All Accessory Buildings	Maximum Building Height
	Residential		Nonresidential						
	Minimum Lot Area Per Dwelling Unit (acres)	Minimum Lot Width (feet)	Minimum Lot Area (square feet)	Minimum Lot Width (feet)					
					Front <sup>3</sup>	Side	Rear		
A-4	4	250	40,000	125	40	30	30	30%	35
A-3	3	200	40,000	125	40	30	30	30%	35
A-2	3	175	40,000	125	40	30	30	30%	35
R-1	3	125	40,000	125	40	30	30	30%	35
R-3 <sup>1</sup>	1	125	15,000	110	40	30	30	30%	35
SR	1	125	40,000	125	40	30	30	30%	35
B-1/E	1	125	10,000	75	20	12	30	30%	3 1/2 stories
B-1/N	1	125	40,000	200	40	30	50	20%	2 1/2 stories
B-2 Residential	1	125	N/A	N/A	40	30	30	30%	35
B-2 Non-residential	N/A	N/A	40,000	200	50	30	50	20%	2 1/2 stories
I-1 <sup>2</sup>	Not permitted		40,000	200	40	30	30	10%	25 feet

# Environmental Review

## Environmental (SEQRA):

- **Lead Agency:** The County has requested lead agency status and if no objections are filed will lead the environmental review of the project. This will include addressing in detail questions concerning historic resources, endangered species, etc.
- **Determining Lead Agency:**
  - The primary location of an action's impacts, i.e. statewide, regional or local (If the impacts are of primarily local significance, all other considerations being equal, the local agency involved will be lead agency);
  - the agency that has the broadest governmental powers for investigating the impacts; and
  - the agency that has the greatest capability for the most thorough environmental assessment of the action.