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# Town of Truro New Public Works Facility

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Building Committee Questions

April 18, 2024

Town of Truro  
**New Public Works Facility**

## Items for Discussion

- Wash Water Holding Tank Info
- Updated Concept Additional Info (from questions)
- Cost for Solar Panels

Town of Truro  
**New Public Works Facility**

## Wash Water Holding Tank Info

### ASSUMPTIONS

- 36 vehicles
- 7 gpm flow rate
- 100% of fleet washed every other week
- Wash time 10 min – 20 min
- Undercarriage wash time is 45 seconds at 100 gpm

### RESULTS

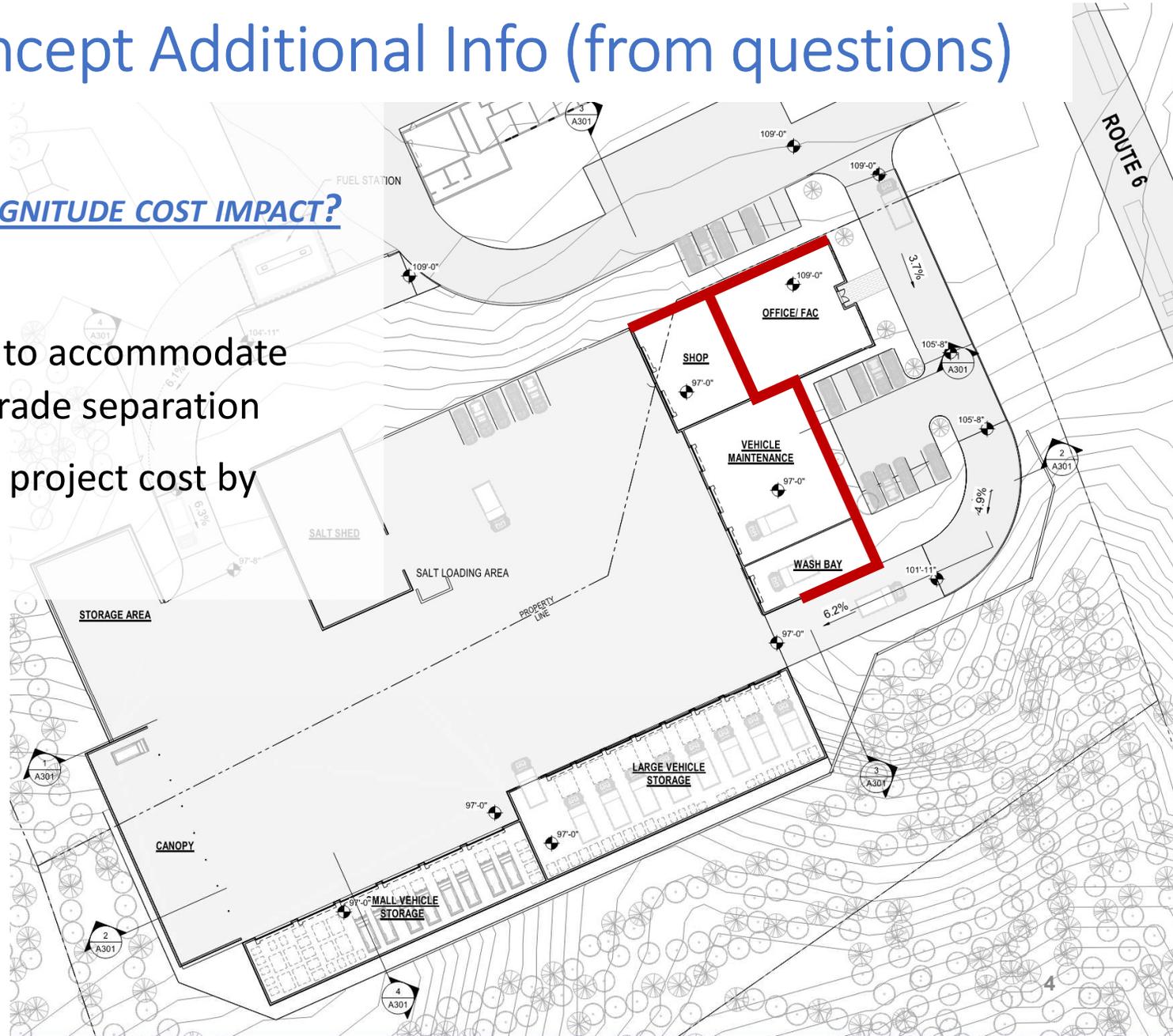
- Pump 7,200 gal every 5 weeks from holding tank
- Pricing at @\$0.25/gal to pump/haul/dispose = \$1,800 each **(\$18,720/year)**

# Town of Truro New Public Works Facility

## Updated Concept Additional Info (from questions)

### TIERED FLOOR ORDER OF MAGNITUDE COST IMPACT?

- Increased wall height to accommodate earth retention and grade separation
- estimated to increase project cost by \$110,000 - \$125,000



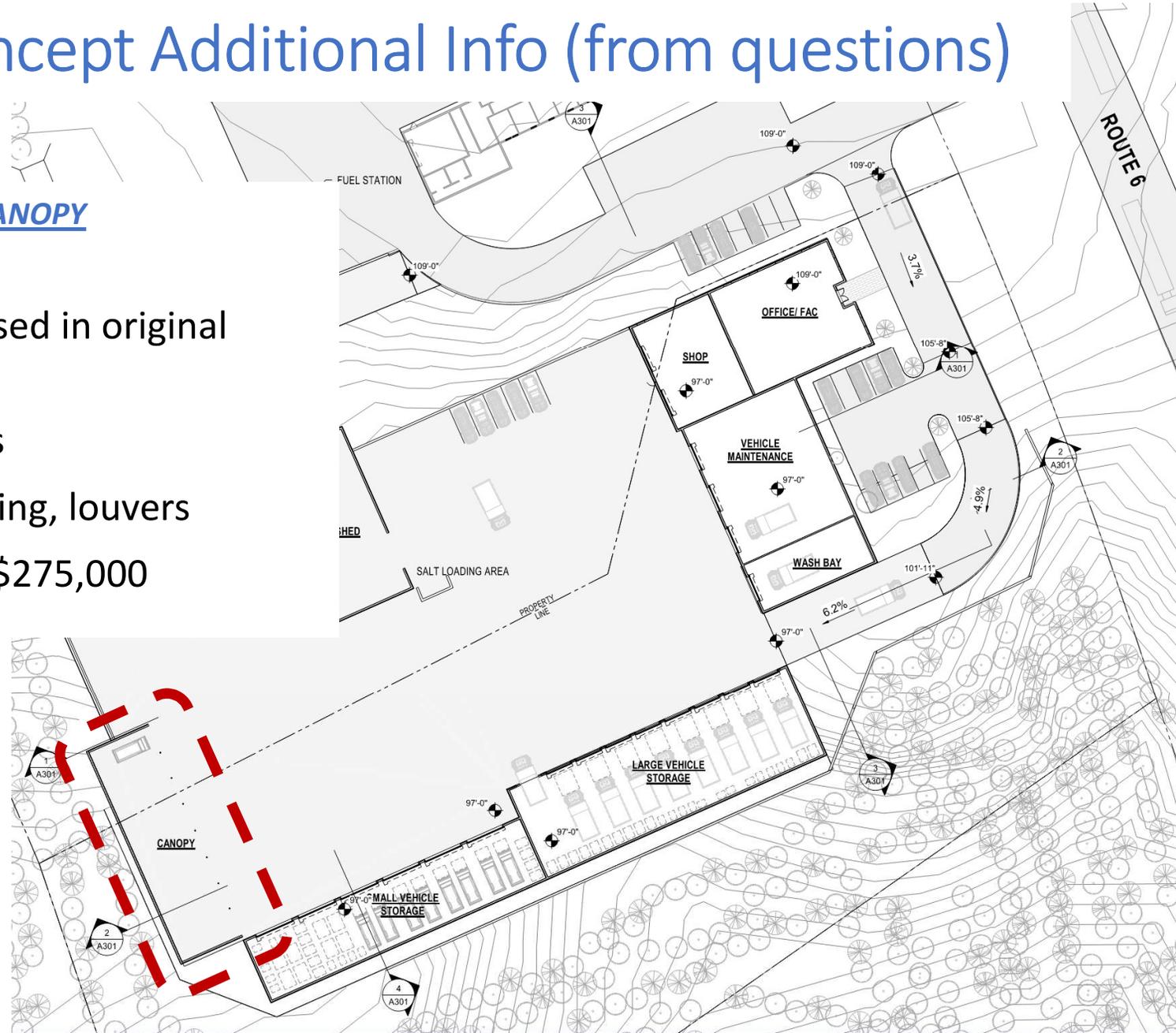


# Town of Truro New Public Works Facility

## Updated Concept Additional Info (from questions)

### COST IMPACT IF ENCLOSING CANOPY (STEEL AND TIMBER OPTIONS)

- 3 sides anticipated closed in original pricing
- Added overhead doors
- Added electricity, lighting, louvers
- Anticipate \$200,000 - \$275,000

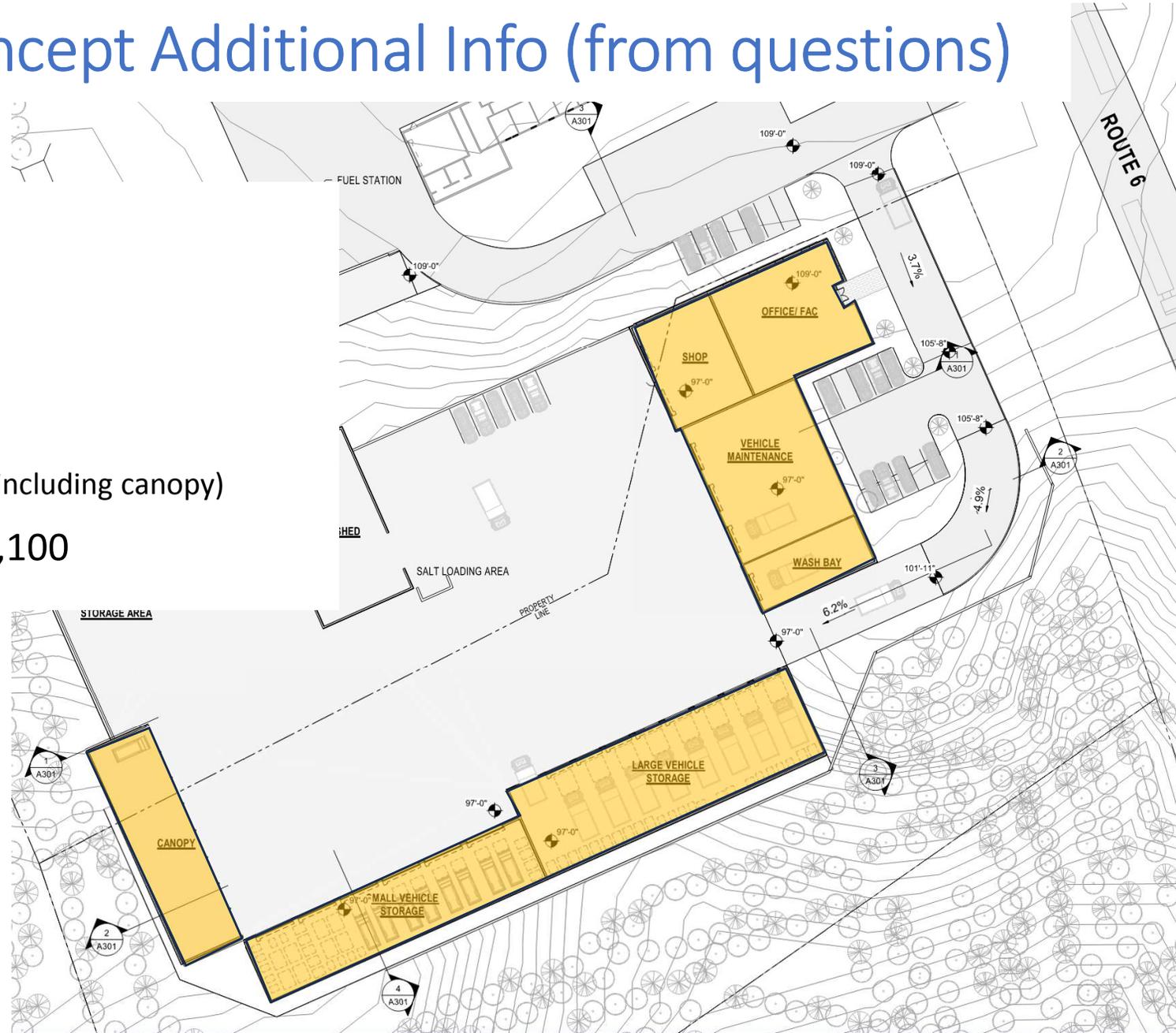


# Town of Truro New Public Works Facility

## Updated Concept Additional Info (from questions)

### COST FOR SOLAR PANELS

- Average 20 watts/sf
- Cost \$3.00/watt
- 75% roof coverage
- Roof area = 23,540 sf (including canopy)
- Estimated Cost = \$353,100



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**Questions**