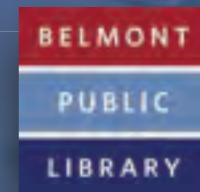


# Belmont Public Library

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LBC Meeting  
February 6, 2024



# Construction Estimate Summary

**CONSTRUCTION ESTIMATE SUMMARY**

**Construction Budget with Adjustments**

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|                 |              |
|-----------------|--------------|
| Original Budget | \$30,800,000 |
|-----------------|--------------|

# Construction Estimate Summary

## CONSTRUCTION ESTIMATE SUMMARY

### Construction Budget with Adjustments

|  |              |
|--|--------------|
| Original Budget                        | \$30,800,000 |
| Shift security to construction budget* | \$150,000    |
| Shift Book Handler to FF&E budget      | -\$270,000   |

Notes:

\* Security carried in base construction scope, can shift separate \$150,000 security line item into construction budget.

# Construction Estimate Summary

## CONSTRUCTION ESTIMATE SUMMARY

### Construction Budget with Adjustments

|  |                     |
|--|---------------------|
| Original Budget                            | \$30,800,000        |
| Shift security to construction budget*     | \$150,000           |
| Shift Book Handler to FF&E budget          | -\$270,000          |
| <b><i>Adjusted Construction Budget</i></b> | <b>\$30,680,000</b> |

Notes:

\* Security carried in base construction scope, can shift separate \$150,000 security line item into construction budget.

# Construction Estimate Summary

## CONSTRUCTION ESTIMATE SUMMARY

### Construction Budget with Adjustments

|  |                     |
|--|---------------------|
| Original Budget                        | \$30,800,000        |
| Shift security to construction budget* | \$150,000           |
| Shift Book Handler to FF&E budget      | -\$270,000          |
| <b>Adjusted Construction Budget</b>    | <b>\$30,680,000</b> |

### Construction Estimate with Adjustments

|                         |              |
|-------------------------|--------------|
| Design Team Estimate*** | \$30,912,315 |
|-------------------------|--------------|

Notes:

- \* Security carried in base construction scope, can shift separate \$150,000 security line item into construction budget.
- \*\* By shifting Book Handler equip to FF&E we eliminate ~\$40,500 general contractor 15% OH&P markup on the \$270,000 vendor cost. GC still provides power, data, and exterior wall book drop rough opening. Equipment procured through FF&E, delivered and installed by the vendor to save GC markups.
- \*\*\* Design Team Estimate = \$30,912,315 and CHA Estimate = \$30,131,003. Delta between estimates is \$781,312 or 2.5%.

# Construction Estimate Summary

## CONSTRUCTION ESTIMATE SUMMARY

### Construction Budget with Adjustments

|  |                     |
|--|---------------------|
| Original Budget                        | \$30,800,000        |
| Shift security to construction budget* | \$150,000           |
| Shift Book Handler to FF&E budget      | -\$270,000          |
| <b>Adjusted Construction Budget</b>    | <b>\$30,680,000</b> |

### Construction Estimate with Adjustments

|                                      |              |
|--------------------------------------|--------------|
| Design Team Estimate***              | \$30,912,315 |
| Shift Book Handler to FF&E           | -\$270,000   |
| Save 15% GC markup on Book Handler** | -\$40,500    |

Notes:

- \* Security carried in base construction scope, can shift separate \$150,000 security line item into construction budget.
- \*\* By shifting Book Handler equip to FF&E we eliminate ~\$40,500 general contractor 15% OH&P markup on the \$270,000 vendor cost. GC still provides power, data, and exterior wall book drop rough opening. Equipment procured through FF&E, delivered and installed by the vendor to save GC markups.
- \*\*\* Design Team Estimate = \$30,912,315 and CHA Estimate = \$30,131,003. Delta between estimates is \$781,312 or 2.5%.

# Construction Estimate Summary

## CONSTRUCTION ESTIMATE SUMMARY

### Construction Budget with Adjustments

|  |                     |
|--|---------------------|
| Original Budget                        | \$30,800,000        |
| Shift security to construction budget* | \$150,000           |
| Shift Book Handler to FF&E budget      | -\$270,000          |
| <b>Adjusted Construction Budget</b>    | <b>\$30,680,000</b> |

### Construction Estimate with Adjustments

|                                       |                     |
|---------------------------------------|---------------------|
| Design Team Estimate***               | \$30,912,315        |
| Shift Book Handler to FF&E            | -\$270,000          |
| Save 15% GC markup on Book Handler**  | -\$40,500           |
| <b>Adjusted Construction Estimate</b> | <b>\$30,601,815</b> |

\$78,185 below budget without alternates

Notes:

- \* Security carried in base construction scope, can shift separate \$150,000 security line item into construction budget.
- \*\* By shifting Book Handler equip to FF&E we eliminate ~\$40,500 general contractor 15% OH&P markup on the \$270,000 vendor cost. GC still provides power, data, and exterior wall book drop rough opening. Equipment procured through FF&E, delivered and installed by the vendor to save GC markups.
- \*\*\* Design Team Estimate = \$30,912,315 and CHA Estimate = \$30,131,003. Delta between estimates is \$781,312 or 2.5%.

# Alternates

## POSSIBLE ALTERNATES

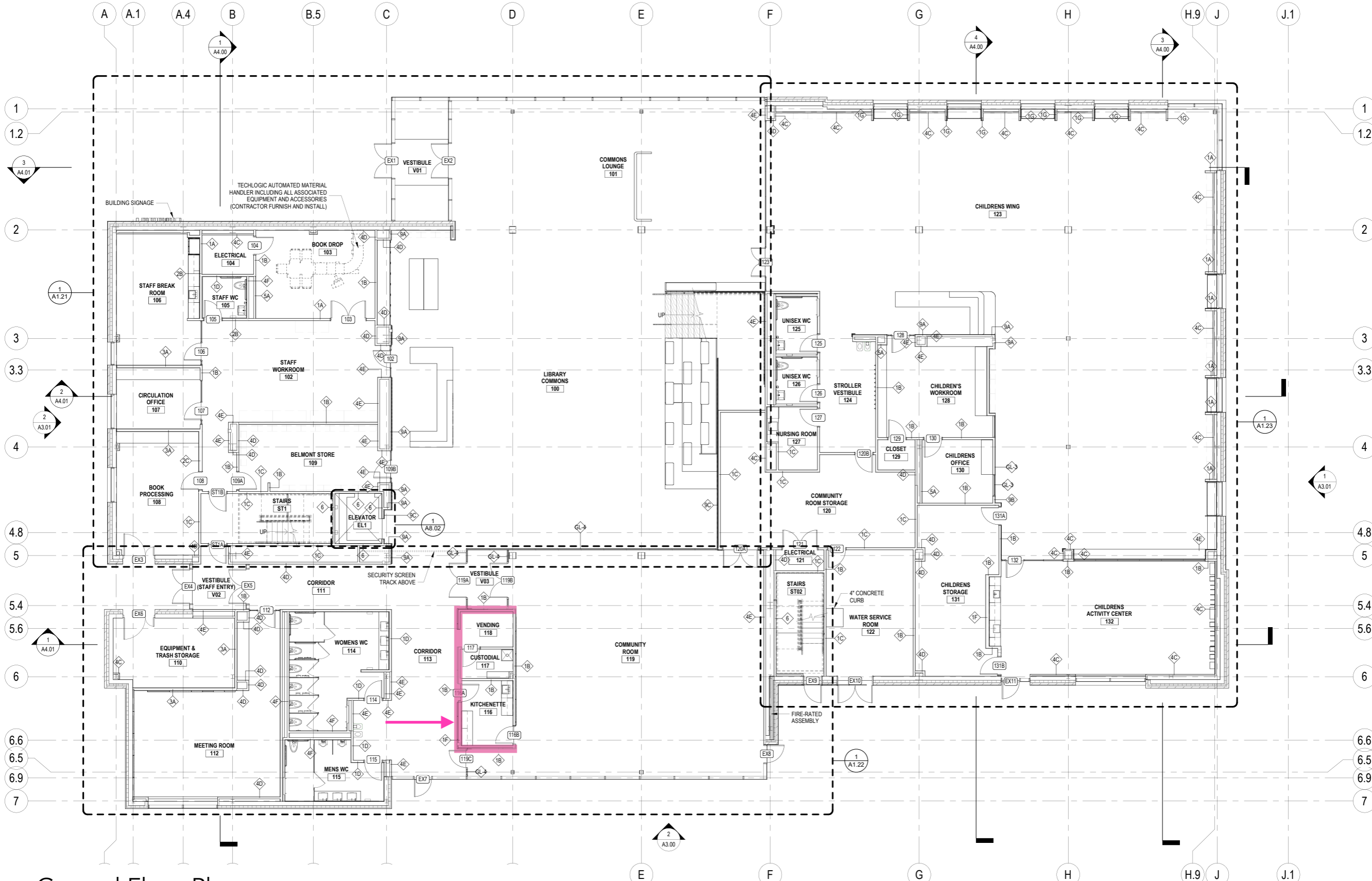
| <b>Items currently in construction estimate</b>        | <b>Estimated Value</b> | <b>Location</b>                      |
|--|------------------------|--------------------------------------|
| 1 Substitute Painted GWB for Oak Wall Paneling (500sf) | \$45,000               | 113 Corridor, 119 Comm Rm, 200 Adult |
| 2 Substitute ACT for Perforated GWB Ceiling            | \$62,400               | Rooms 112, 132, 201, 203, 228, 231,  |
| 3 Substitute Painted GWB for Pegboard Wall             | \$49,896               | Room 132 Childrens Activity Center   |
| <i>Estimated Total</i>                                 | <i>\$157,296</i>       |                                      |

| <b>Items not in construction estimate</b> | <b>Estimated Value</b> | <b>Location</b>                |
|---|------------------------|--------------------------------|
| 4 Green Roof in lieu of Ballasted Roof    | \$90,000               | South roof above Meeting Rooms |
| 5 Add Woodland Garden ADA Path            | \$30,000               | Woodland Garden                |
| <i>Estimated Total</i>                    | <i>\$120,000</i>       |                                |



# Alternate 1 Substitute Painted GWB or Oak Wall Paneling

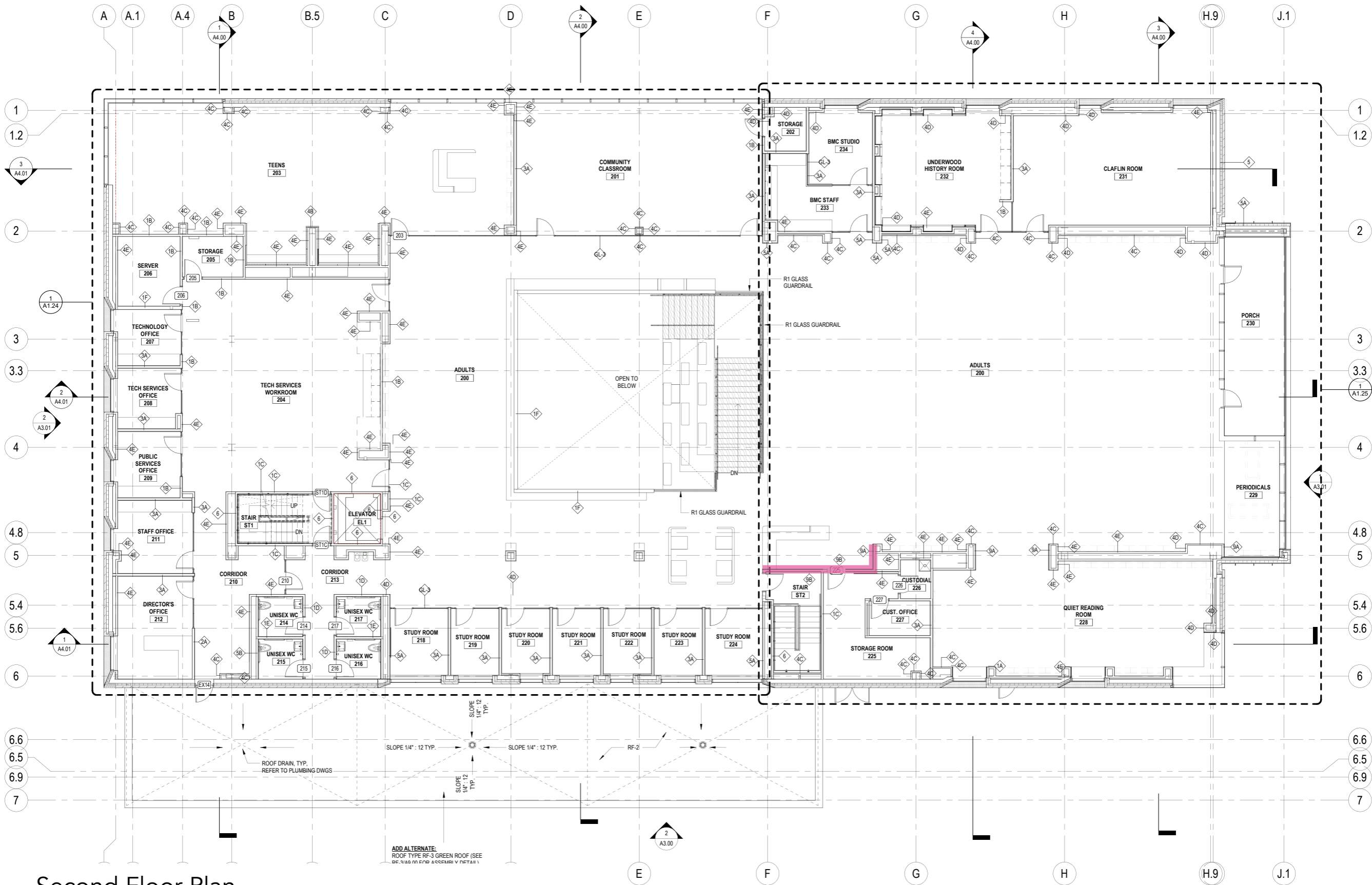
\$45,000



Ground Floor Plan

# Alternate 1 Substitute Painted GWB or Oak Wall Paneling

\$45,000



Second Floor Plan

# Alternate 1 Substitute Painted GWB or Oak Wall Paneling

\$45,000



Community Room - Wall Paneling (note that deleted paneling is on opposite side of wall at corridor)

# Alternate 1 Substitute Painted GWB or Oak Wall Paneling

\$45,000



Adult Reading Room - Reference Desk Niche Wall Paneling

## Alternate 2 Substitute ACT for Perforated GWB Ceiling

\$62,400



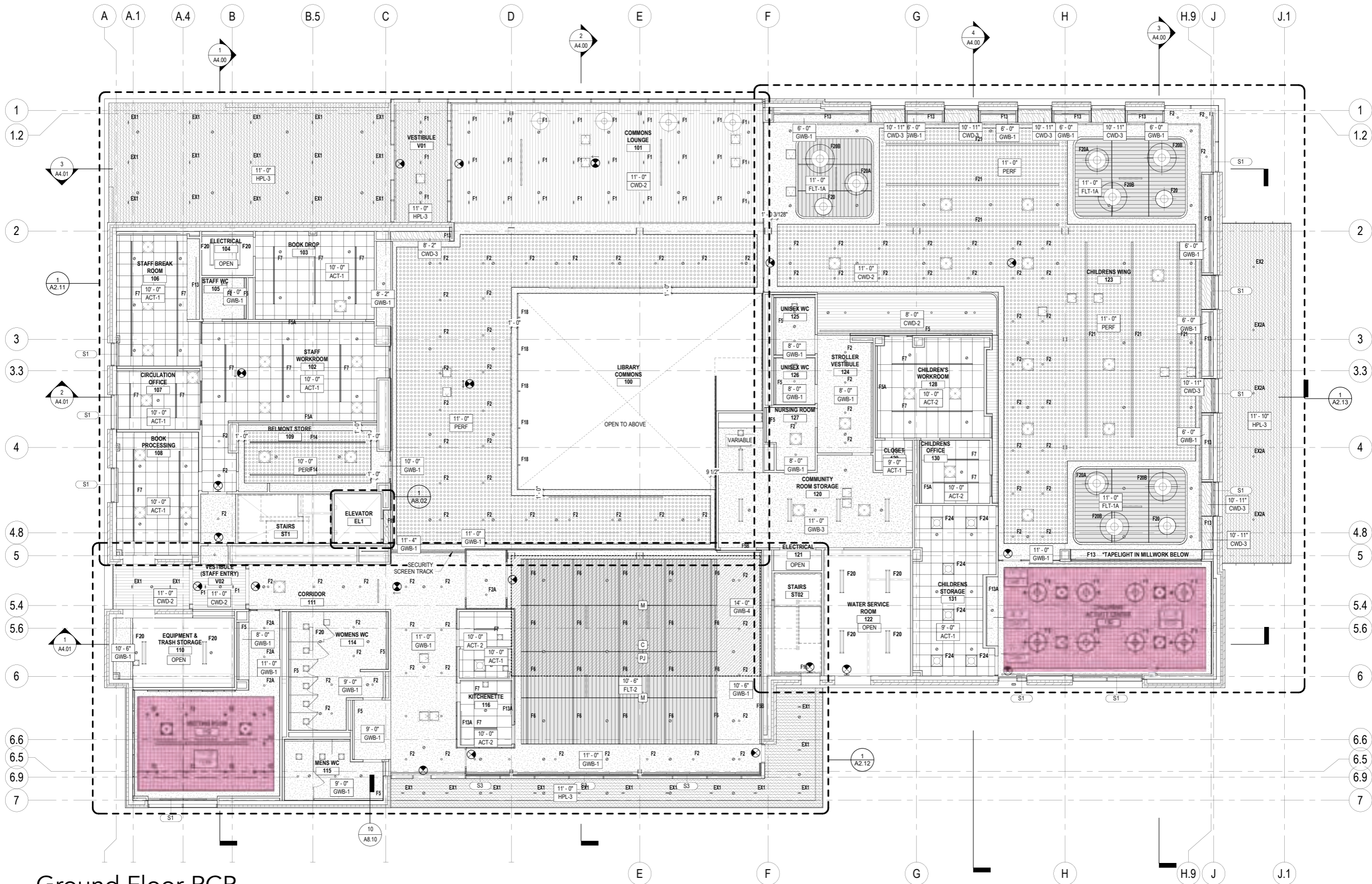
Perforated GWB Ceiling



Large Format ACT Ceiling

# Alternate 2 Substitute ACT for Perforated GWB Ceiling

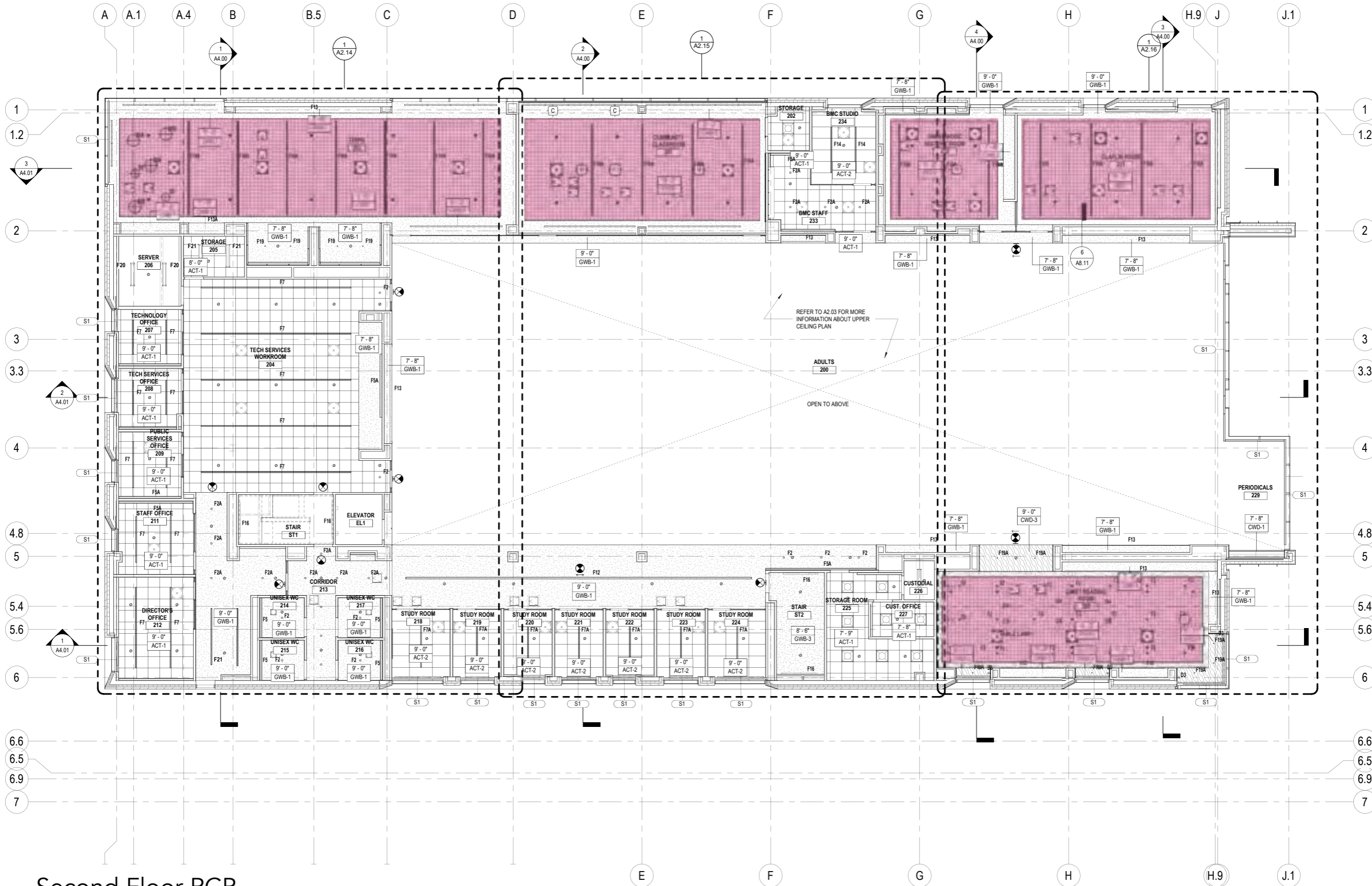
\$62,400



Ground Floor RCP

# Alternate 2 Substitute ACT for Perforated GWB Ceiling

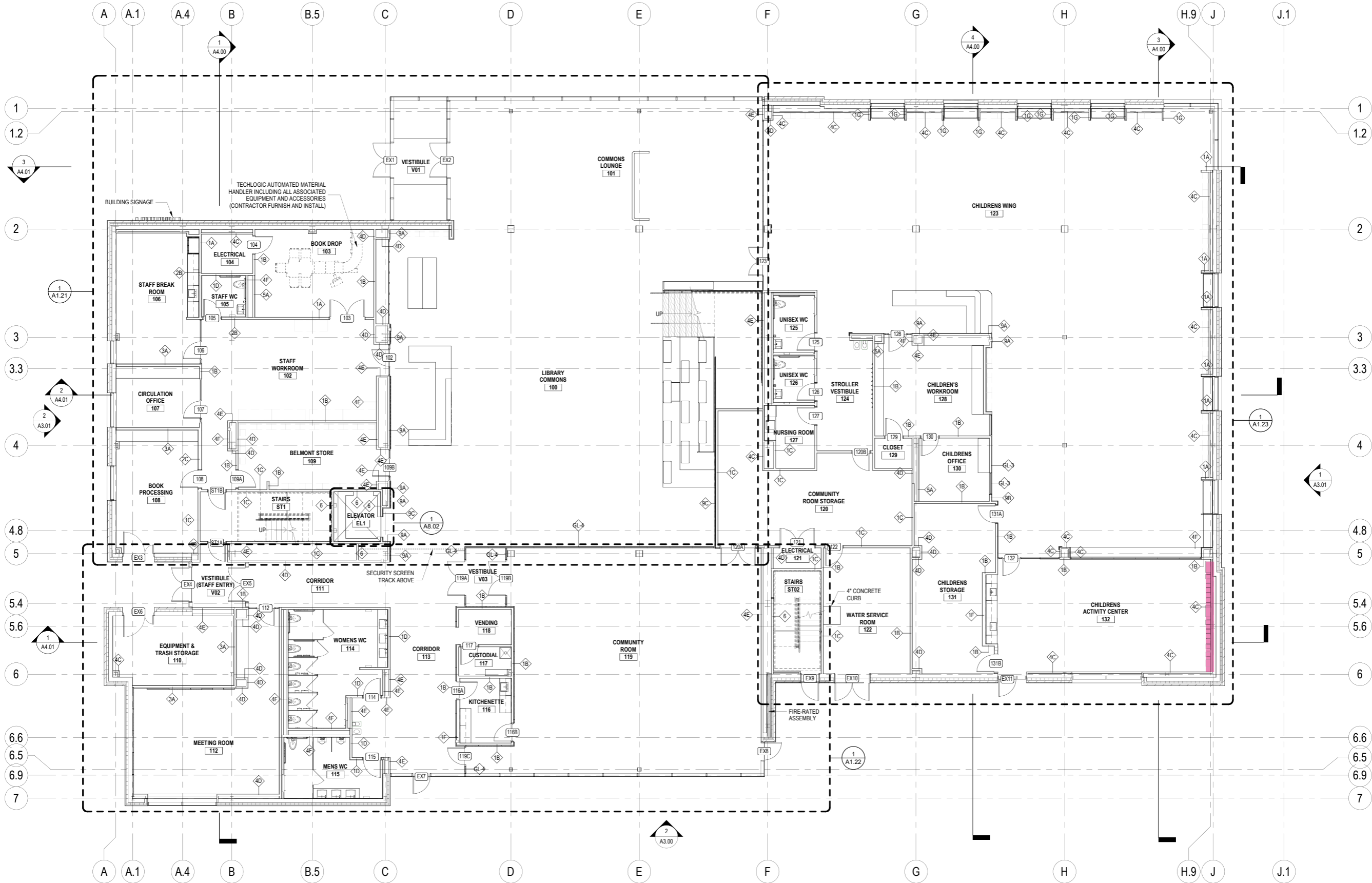
\$62,400



Second Floor RCP

# Alternate 3 Substitute Painted GWB for Pegboard Wall

\$49,896





## Alternate 3 Substitute Painted GWB for Pegboard Wall

\$49.896

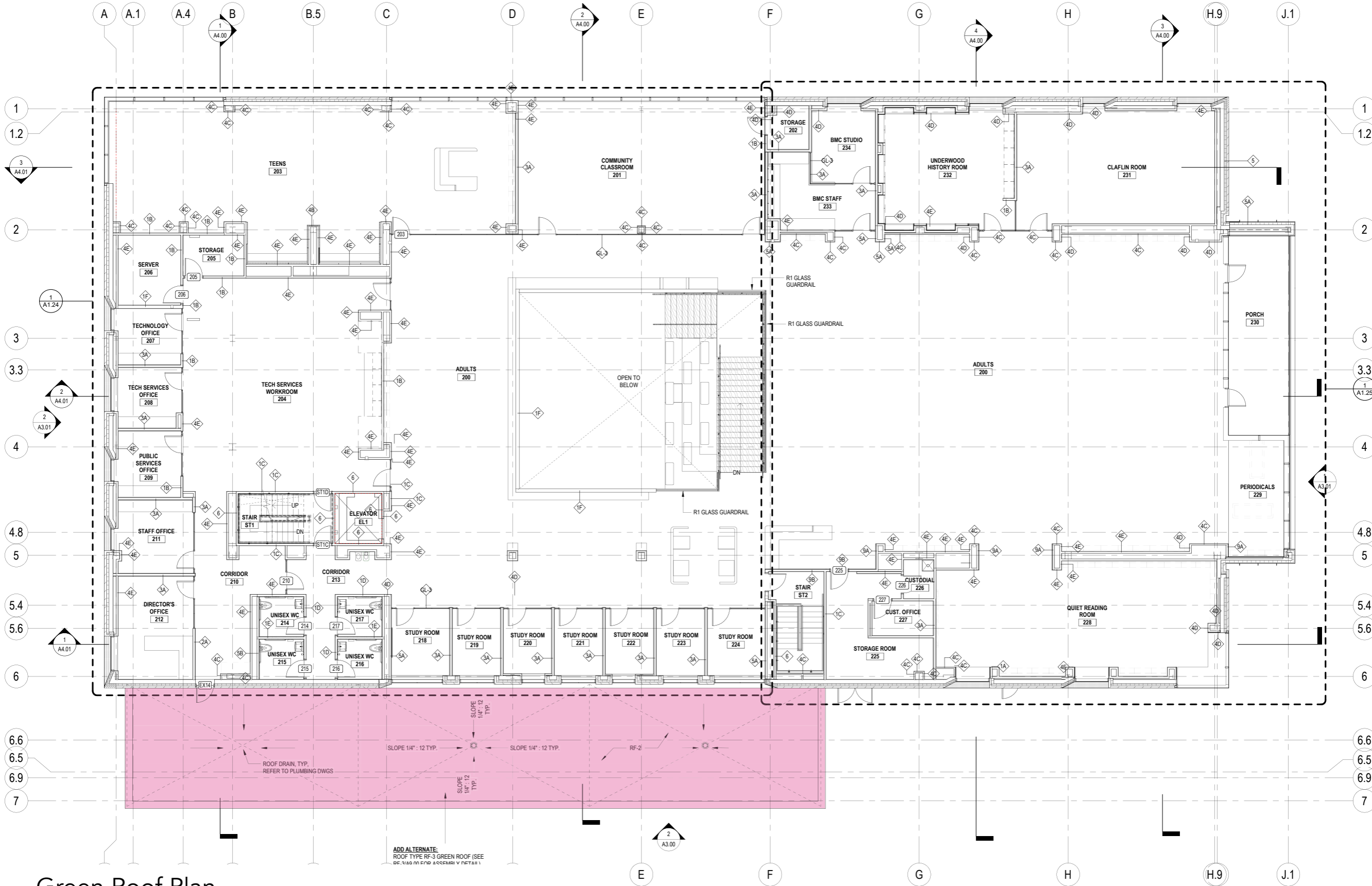


Children's Activity Room - Pegboard Wall

# Alternate 4 Green Roof in lieu of Ballasted Roof

\$90,000

not in current base estimate

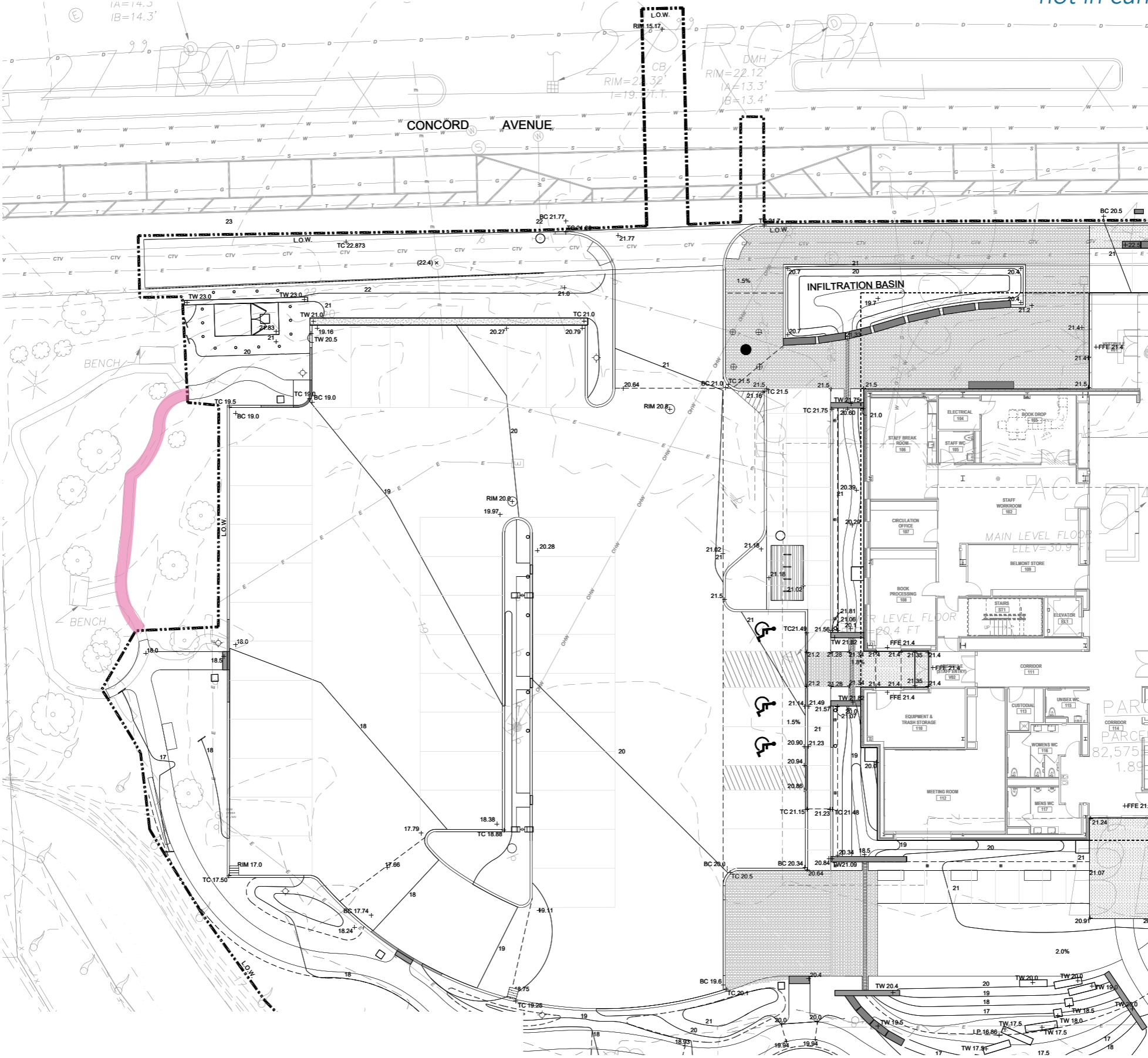


Green Roof Plan

# Alternate 5 Add Woodland Garden ADA Path

\$30,000

not in current base estimate



Site Plan



Oudens Ello Architecture

**CONSTRUCTION ESTIMATE SUMMARY**

**Construction Budget with Adjustments**

|  |                     |
|--|---------------------|
| Original Budget                        | \$30,800,000        |
| Shift security to construction budget* | \$150,000           |
| Shift Book Handler to FF&E budget      | -\$270,000          |
| <b>Adjusted Construction Budget</b>    | <b>\$30,680,000</b> |

**Construction Estimate with Adjustments**

|   |                     |
|---|---------------------|
| Design Team Estimate***                                 | \$30,912,315        |
| Shift Book Handler to FF&E                              | -\$270,000          |
| Save 15% GC markup on Book Handler**                    | -\$40,500           |
| Swap ACT for Perforated GWB Ceiling at select locations | -\$62,400           |
| Swap Painted GWB for oak paneling behind Reference Desk | -\$20,000           |
| <b>Adjusted Construction Estimate</b>                   | <b>\$30,519,415</b> |

\$160,585 below budget without alternates

**ADD ALTERNATES (RANKED)**

| Item   | Estimated Value | Location                           |
|--|-----------------|------------------------------------|
| 1 Woodland Garden ADA Path (base scope: existing path) | \$30,000        | Woodland Garden                    |
| 2 Oak Wall Paneling, 300sf (base scope: Painted GWB)   | \$25,000        | 113 Corridor, 119 Comm Rm          |
| 3 Green Roof (base scope: Ballasted Roof)              | \$90,000        | South roof above Meeting Rooms     |
| 4 Pegboard Wall (base scope: Painted GWB)              | \$49,896        | Room 132 Childrens Activity Center |

Notes:

- \* Security carried in base construction scope, can shift separate \$150,000 security line item into construction budget.
- \*\* By shifting Book Handler equip to FF&E we eliminate ~\$40,500 general contractor 15% OH&P markup on the \$270,000 vendor cost. GC still provides power, data, and exterior wall book drop rough opening. Equipment procured through FF&E, delivered and installed by the vendor to save GC
- \*\*\* Design Team Estimate = \$30,912,315 and CHA Estimate = \$30,131,003. Delta between estimates is \$781,312 or 2.5%.