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PROJECT UPDATE

FACILITIES COMMITTEE

BROWN INTERMEDIATE
SCHOOL ALTERATIONS

MADISON, CT
8.23.2022



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AGENDA

- 1 *INTRODUCTIONS*
- 2 *WORK COMPLETED & IN PROCESS*
- 3 *PROJECT SCHEDULE & NEXT STEPS*
- 4 *Q & A / DISCUSSION*



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Design Update Meeting

07/13/2022

- Attendees included Dr. Cooke, Principal Henderson (Brown), Principal Spooner (Ryerson), Principal Frost (Jeffrey), and Facilities (Bill McMinn and Racquel Stubbs)
- Discussed classroom specifics (teaching walls, layout), as well as finishes, furniture and general feel/aesthetic being developed
- Recap of discussion in meeting notes

Flooring Finish Options - VCT

ARMSTRONG STANDARD EXCELO

CHARACTERISTICS

- AVAILABLE IN 102 COLORWAYS
- CONTAINS 18% RECYCLED CONTENT
- CAN WITHSTAND 138-150 PSI
- SUBJECT TO CHIPPING OR CRACKING
- MOST INEXPENSIVE UP FRONT, BUT HIGHEST COST TO MAINTAIN
- REQUIRES A SEALER AND 5 COATS OF POLISH MIN. TO LOOK GOOD
- NEEDS STRIPPING AND REAPPLICATION

INSTALLED COST

- ~ \$2.50 SF
- ~ \$0.25 SF FOR INITIAL MAINTENANCE



Learning Lab



Wall Paint



Durable Sheet Flooring,
VE1, VCT



Polycarbonate
glazing



1 ACROVYN WALL PROTECTION
CUSTOM GRAPHIC TBD



2 INTERACTIVE
DISPLAYBOARDS



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Security, IT/AV Meetings

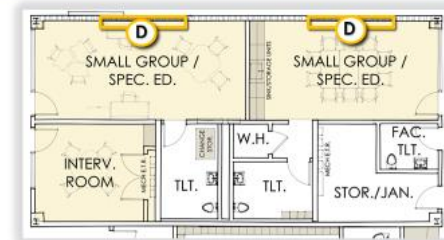
07/21/2022, 07/25/2022

- 7/21 - Attendees included Facilities (Bill McMinn), Tecton, CES (Steve Muckle), Principal Henderson (Brown), Principal Spooner (Ryerson), Principal Frost (Jeffrey)
- 7/25 - Attendees included Facilities (Bill McMinn), Art Sickle, and Tecton (Jeff Wyszynski, Justin Hopkins & Kathryn Mease), CES (Steve Muckle)
- Discussed AV connection types and locations, bandwidths, requirements for teachers' Promethean displays, phones, PA systems/microphones, clocks, door hardware & access control, credentialed access

Typical Classroom ~ Consistency



Small Group & Specialized Ed.





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Preliminary Meeting with Building Official & Fire Marshal

07/26/2022

- Attendees included Building Official Vincent Garofalo, and Fire Marshal Samuel E. DeBurra, Jr. Facilities (Bill McMinn), and Tecton (Justin Hopkins & Kathryn Mease)
- Reviewed entire project scope, especially condition at ramp to K-1 wing, requirements for egress at grade, existing fire sprinklers/safety, ADA compliance, walked K-1 wing interior and exterior
- Confirmation letter sent August 15, 2022

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August 15, 2022

William H. McMinn
Director of Facilities
Town of Madison/Madison Public School
284 Green Hill Road
Madison, CT 06443

Re: Brown Intermediate School
980 Durham Road, Madison, CT 06443
Code Considerations for Kindergarten & First Grade Wing

Mr. McMinn,

This letter is to provide an update from our review of the Brown Intermediate School Kindergarten & First Grade Wing renovations with the local Authorities Having Jurisdiction. Per our meeting on July 26, 2022, with the Building Official, Vincent Garofalo, and Fire Marshall, Samuel E. DeBurra, Jr., there were two issues raised as follows:

- Requirement for fire sprinklers at the school facility.
- Requirement for egress for Kindergarten, First, and Second Grades.

We have reviewed the pertinent sections of the Connecticut State Building Code (CSBC) and the Connecticut State Fire Prevention Code (CSFPC) and Connecticut Fire Safety Code (CFSC), and offer the following:

Fire Sprinklers

The International Existing Building Code (IEBC), incorporated by reference to the CSBC, section 803.2.2 requires that a sprinkler system be added in group E occupancies that have exits or corridors serving more than 30 occupants when **both** of the following conditions occur:

- The work area is required to be provided with sprinkler protection in accordance with the IBC as applicable to new construction.
- The work area exceeds 50% of the floor area.

While the IEBC would require a sprinkler system in group E new construction (condition #1), the project work area does not exceed 50% of the floor area (condition #2), and as both conditions do not occur **sprinklers are not required**. Additionally, there are no requirements in Part III or Part IV of the Connecticut Fire safety code that would require a sprinkler system be provided.

Egress

The renovated area will contain classrooms occupied by Kindergarten & First Grade students. Per CSBC section 427.1.1, these classrooms are required to be located on the level of discharge. As these renovated classrooms are located with three exits, via direct egress door or ramp, then we consider them code compliant.

Though not part of the renovated area, we understand Second Grade will also be occupying existing classrooms at Brown. Per CSBC section 427.1.2, rooms normally occupied by second-

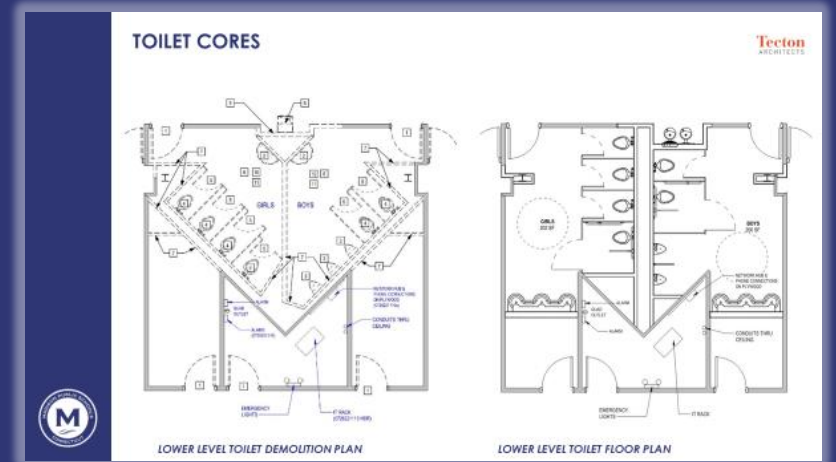


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Design Updates Review Meeting

08/16/2022

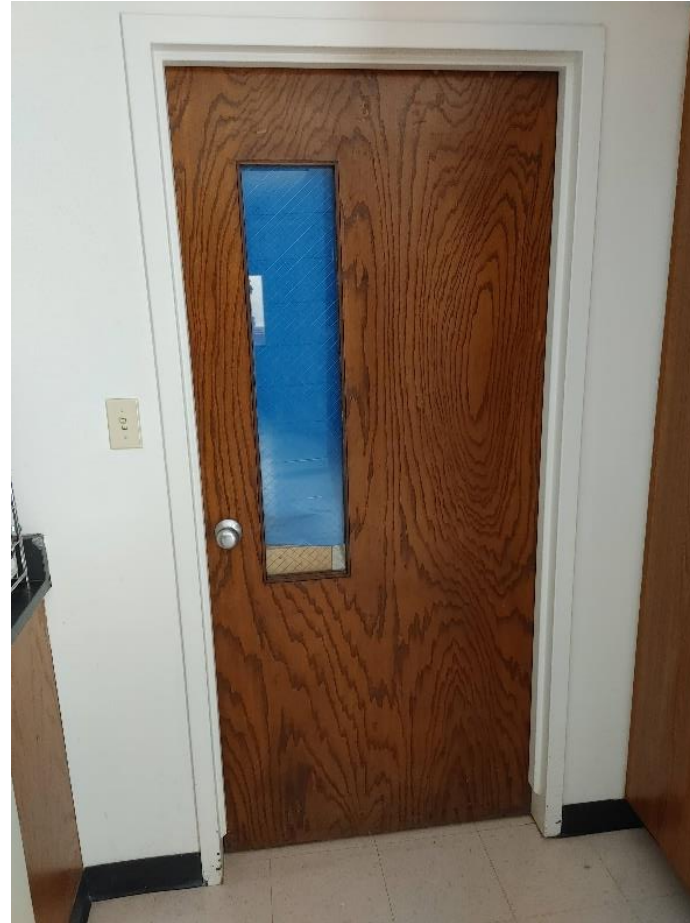
- Attendees included Dr. Cooke, Principal Henderson (Brown), Principal Spooner (Ryerson), Principal Frost (Jeffrey), and Facilities (Bill McMinn and Racquel Stubbs)
- Reviewed latest plan and toilet room plan progress
- Discussed lockdown protocols as well as door hardware and glazing as they relate to lockdown



DOOR REPLACEMENT



CORRIDOR

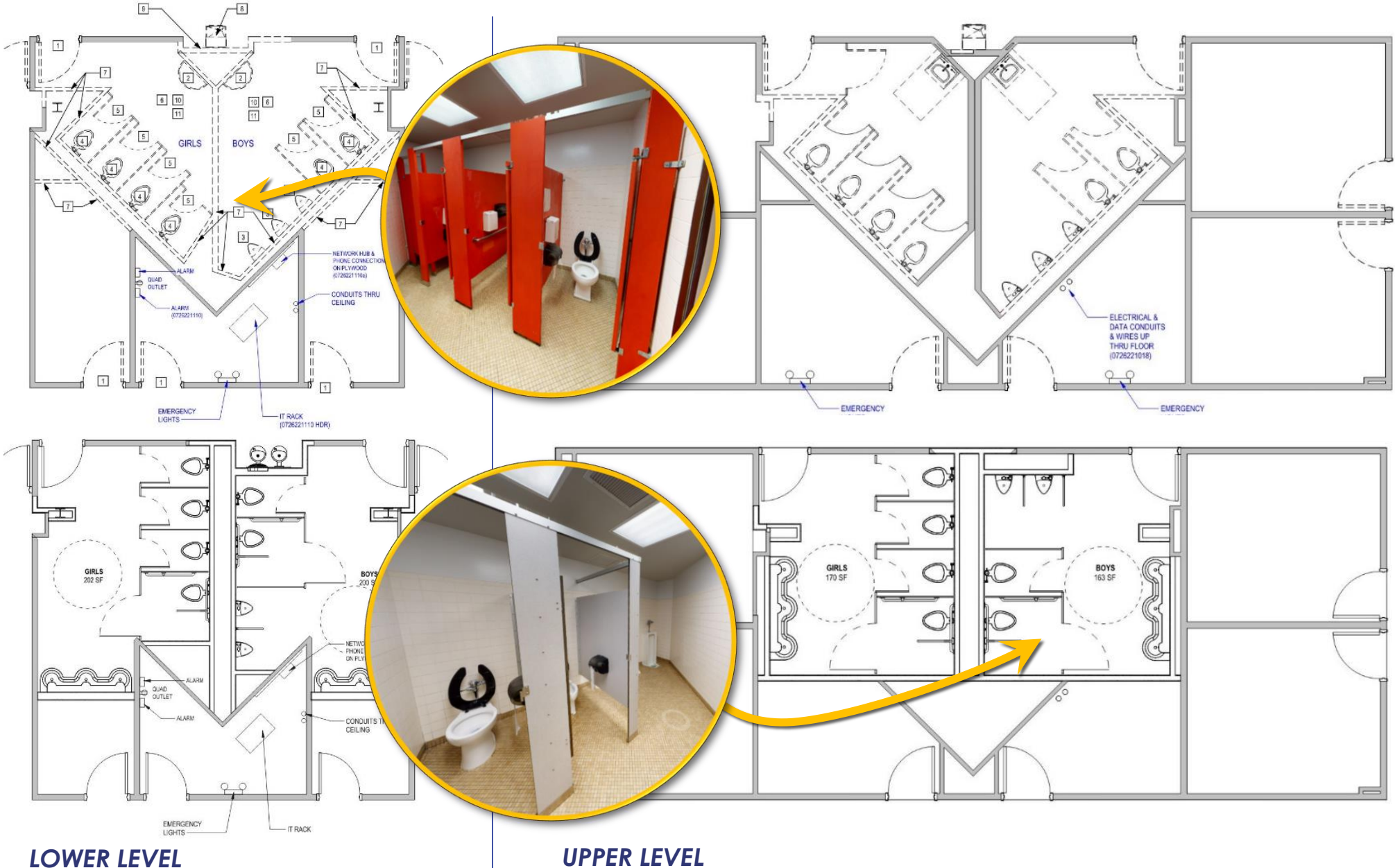


CLASSROOM

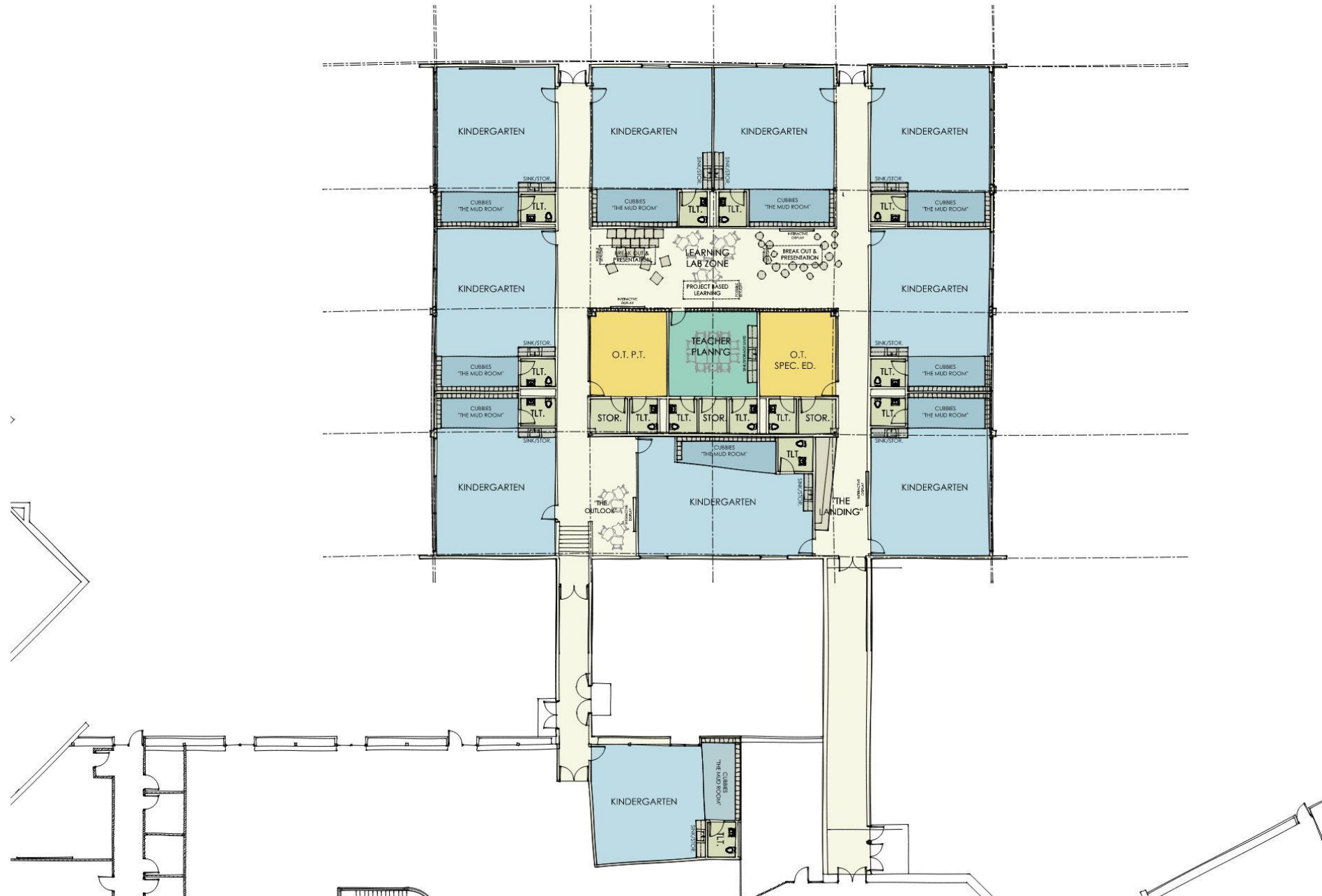


OFFICE/SPECIAL

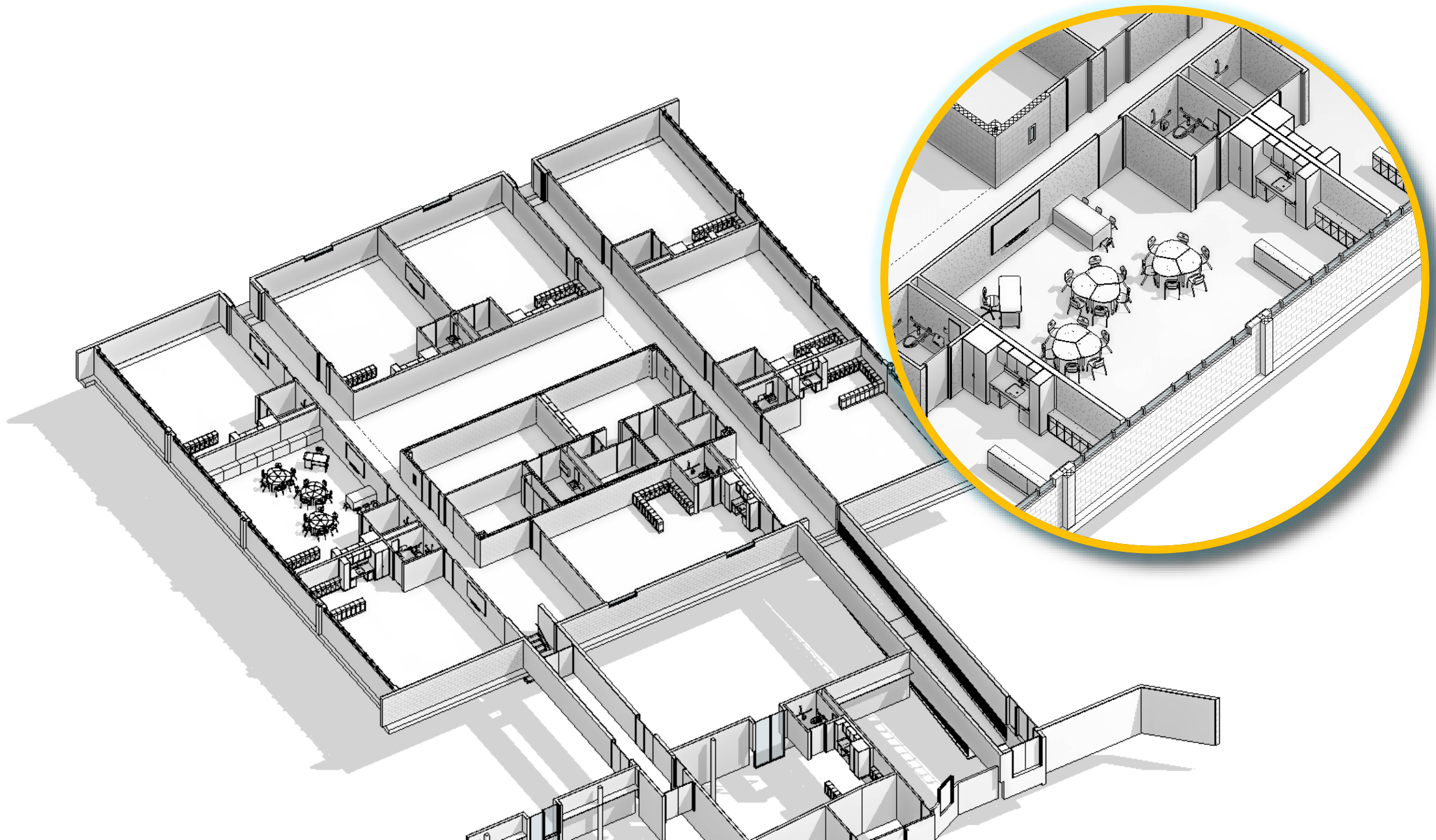
TOILET CORE IMPROVEMENTS PROGRESS



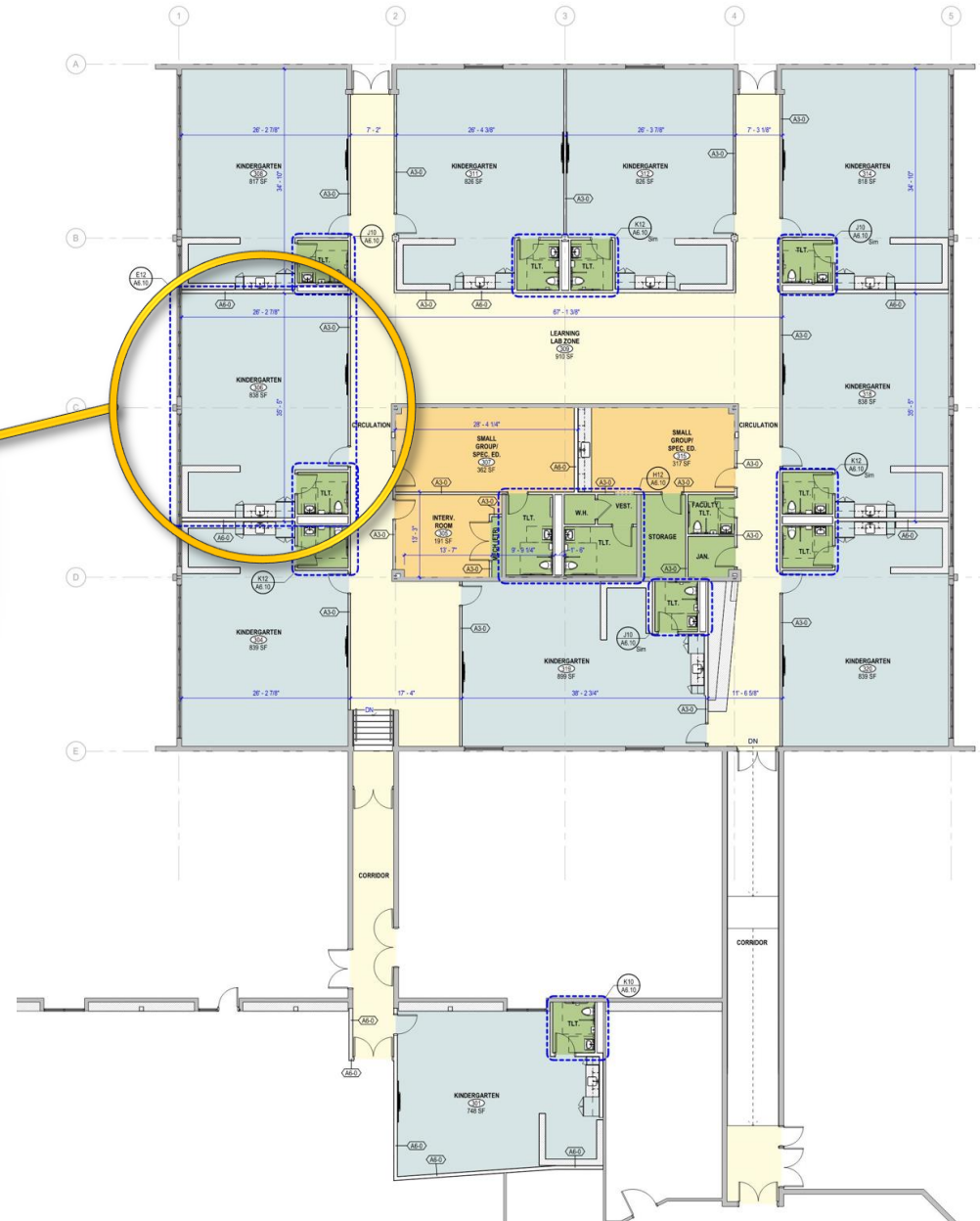
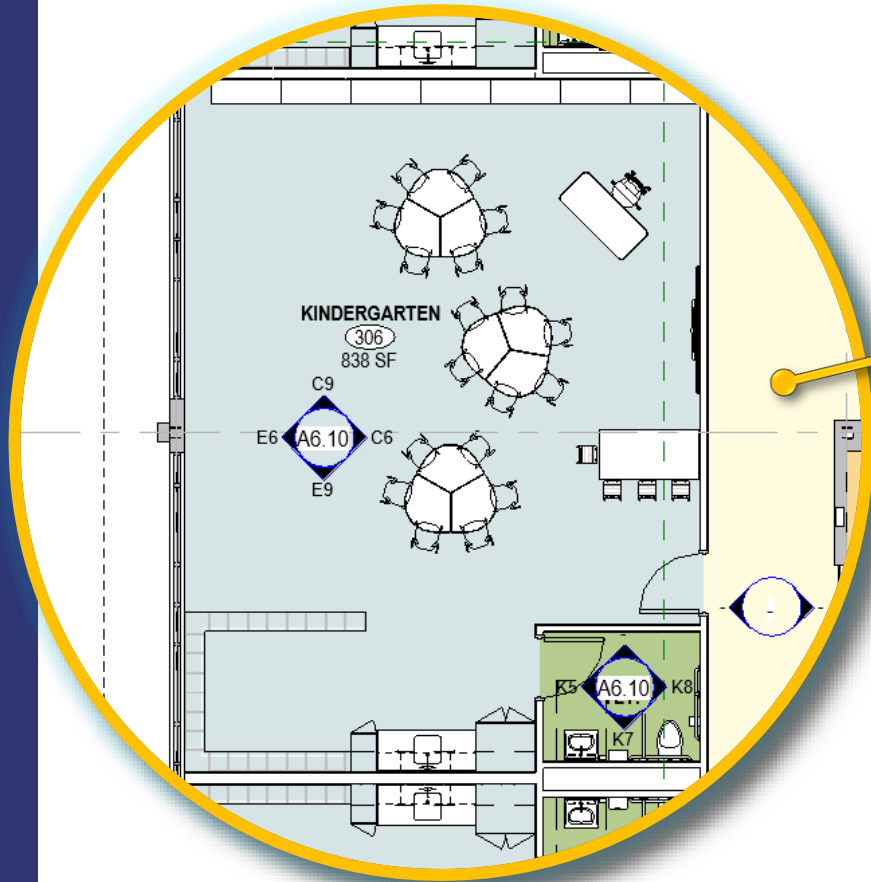
SCHEMATIC FLOOR PLAN



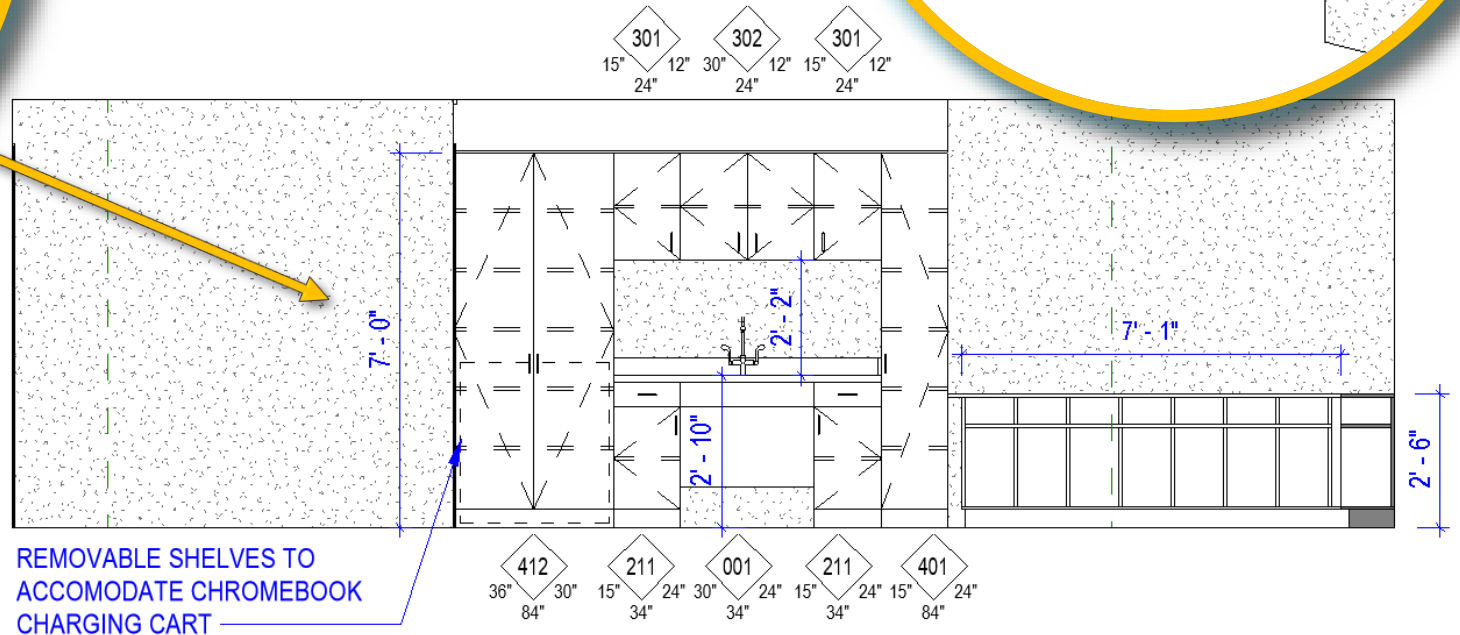
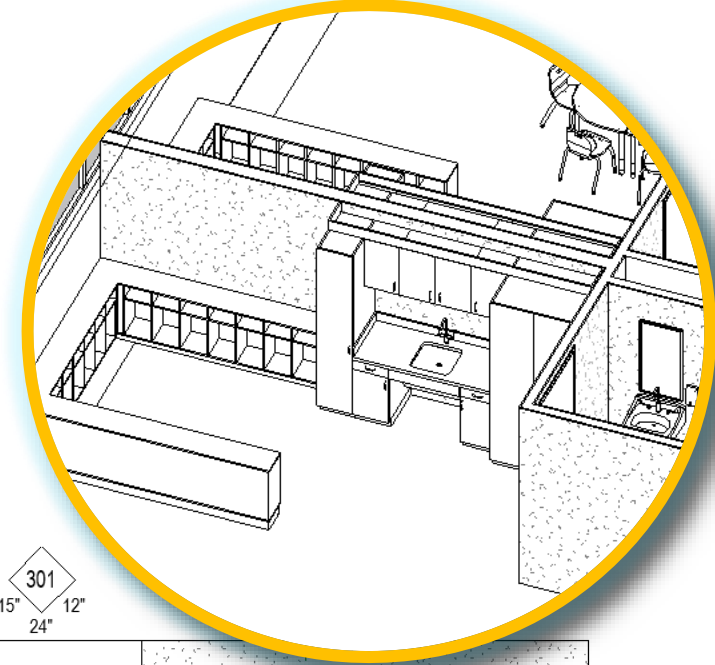
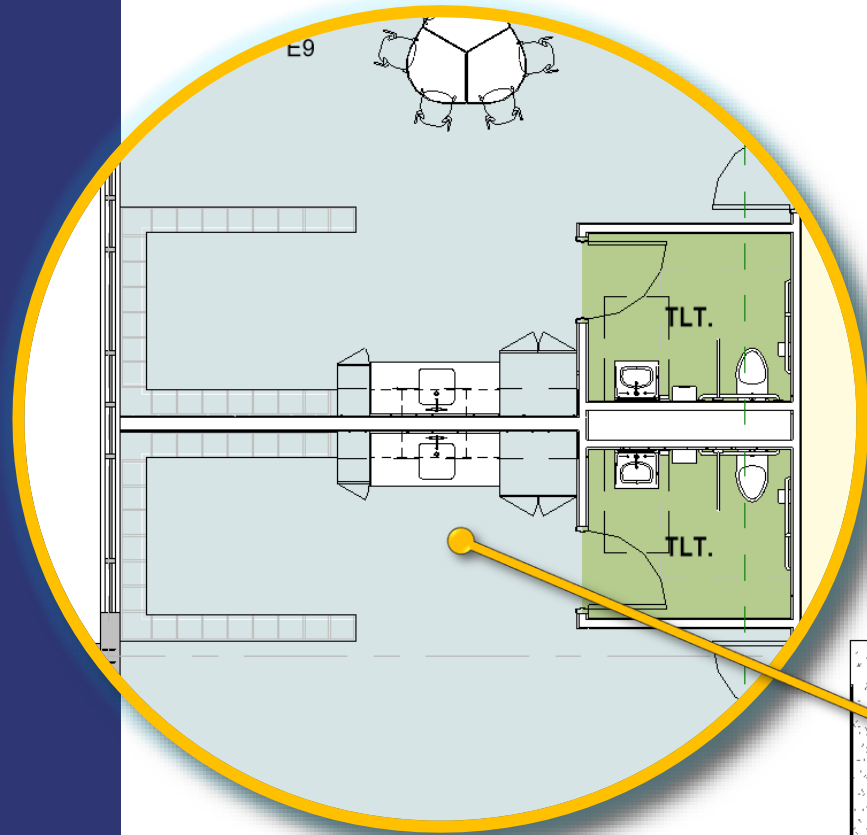
BIM MODELING



DESIGN DEVELOPMENT FLOOR PLAN



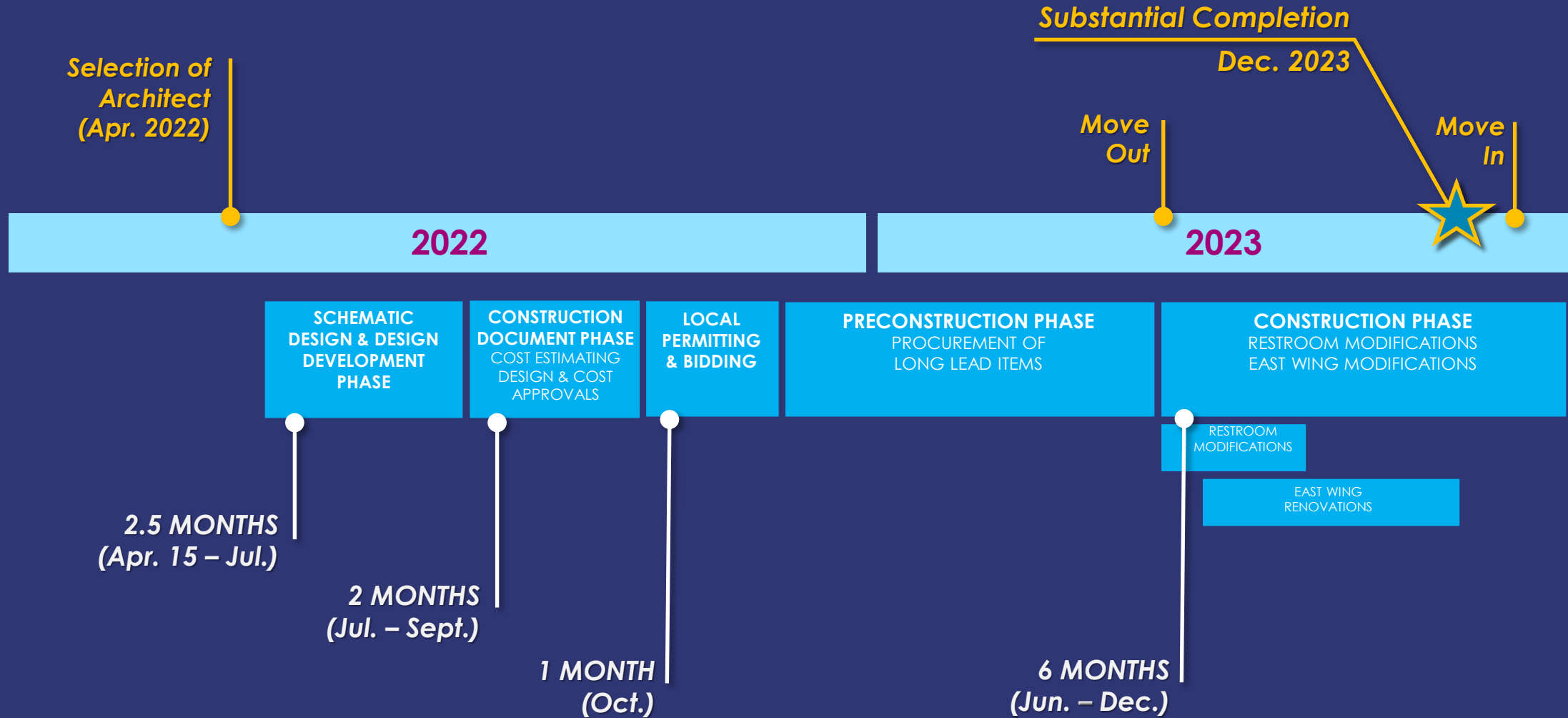
DESIGN DEVELOPMENT CLASSROOM MILLWORK



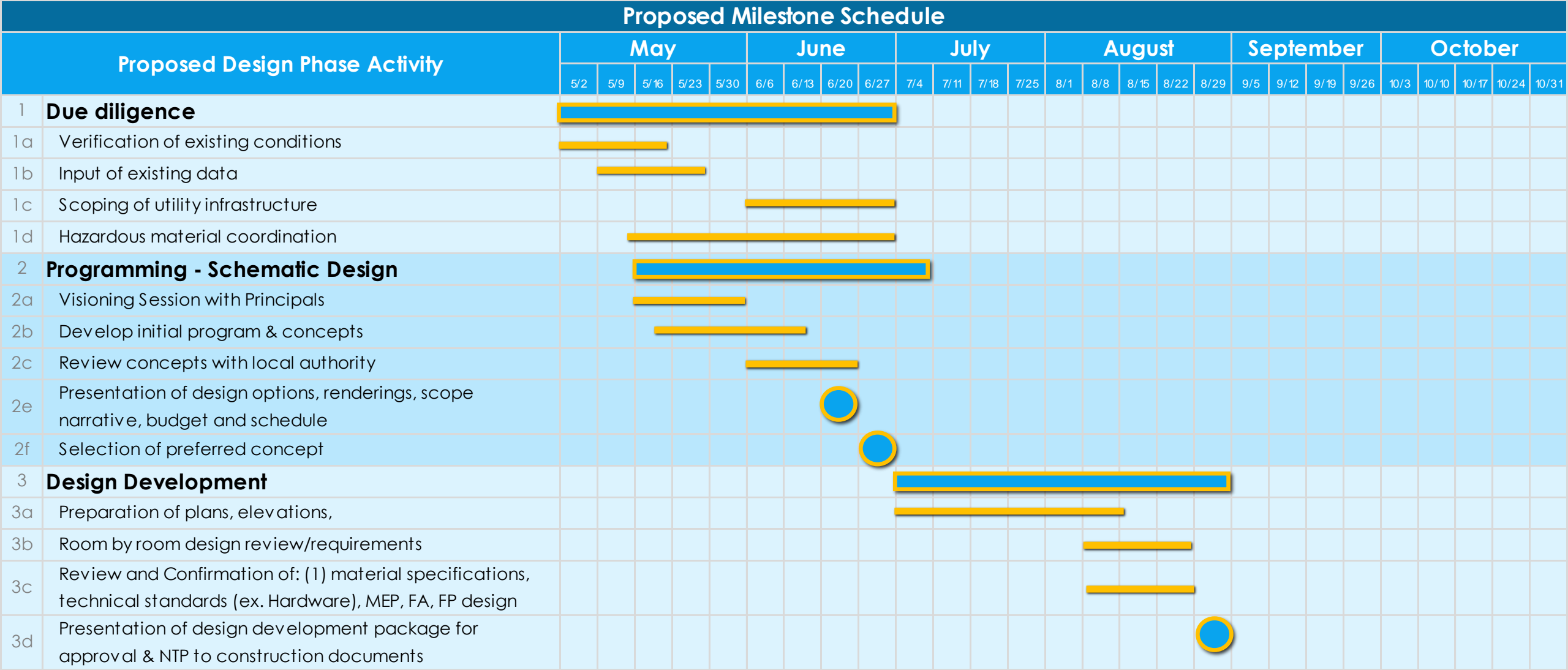
DESIGN DEVELOPMENT REFLECTED CEILING PLAN



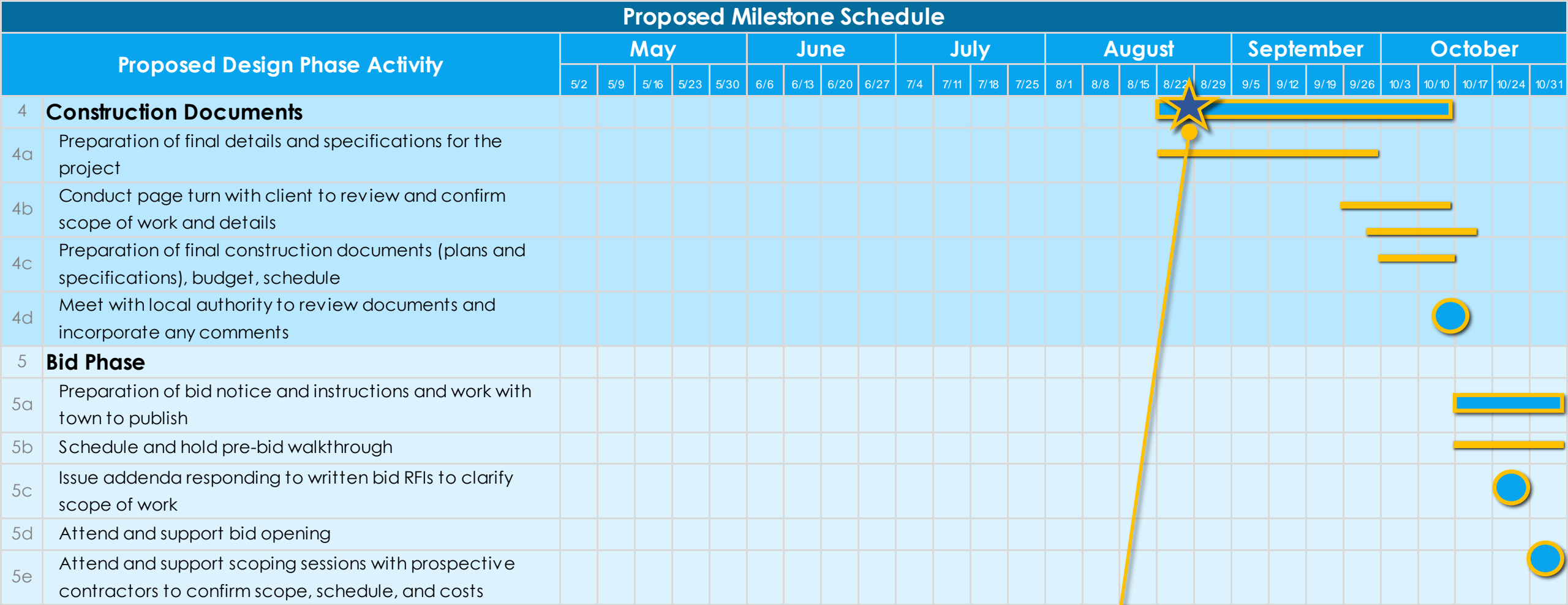
MILESTONE SCHEDULE



PROPOSED MICRO SCHEDULE ~ DESIGN PHASE



PROPOSED MICRO SCHEDULE ~ DESIGN PHASE



We are here
CD Kick-off



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THANK YOU

MADISON, CT
8.23.2022