Site Plan - DETAILS

- **FULL DEPTH PAVEMENT SECTION**
- **CAPE COD BERM**
- **EXCAVATION & BACKFILL DETAIL**
- **FOR DRAIN AND WATER PIPES**
- **BASE DETAILS**
- **ALTERNATE TOP SLAB**
- **DRAIN MANHOLE**
- **JOINT DETAILS**
- **BIORETENTION YARD DRAIN**
- **BIORETENTION AREA**
- **STORMTECH SC-740**
- **INSPECTION PORT DETAIL**
- **SINGLE FACE WOOD GUARD RAIL DETAIL**
- **GRASS DRAINAGE SWALE**
- **NYLOPLAST 15" DRAIN BASIN WITH SQUARE GRATE**
Pool Information:
- Pool water area 4,910 s.f.
- Kiddie Pool water area 2,260 s.f.
- Splash pad area 2,400 s.f.
- Cove restoration area +/- 14,000 s.f.

Building Information:
- Existing bathhouse building area 4,268 s.f.
- Additions 1,030 s.f. (entry and community room)
- Support Building 820 s.f.
- Proposed deck area 13,000 s.f.
- 478 bathers per pool water area (6 showers, 6 WCs & 4 wash basins)

Parking Information:
- Proposed parking count 15 spaces
  (staff and accessible parking)
1. APPLICABLE CODES

- Fire:
  - % fire separation distance (TABLE 705.8)

- Electrical:
  - % fire separation distance (TABLE 1017.2)

- Mechanical:
  - % fire separation distance (TABLE 1017.2)

2. USE & OCCUPANCY CLASSIFICATION

- Existing Occupancy: Community Room, Controller, Concession
- Group B (Business, Assembly<50)

3. OCCUPANT LOAD

- Existing Construction Type:
  - Bathhouse: 4,285 SF Existing + 915 SF Proposed Addition = 5,200 SF
  - Vestibule: 193 SF
  - Controller: 196 SF
  - Concession: 59 SF
  - Storage: 300 SF
  - 43 Bradford Street, 3rd Floor
  - Concord, MA 01742

4. ALLOWABLE HEIGHT AND BUILDING AREAS

- Height: 40 FT
- Area: 6,000 SF

5. EXIT ACCESS TRAVEL DISTANCE WITHOUT SPRINKLER SYSTEM

- Exit: 24'
- Free Travel: 0 to < 3 ft
- Furniture: Less than 5'

6. CODE REVIEW CONTINUED

- Assembly A
  - Occupancy: Community Room, Controller, Concession
  - Proposed BATHHOUSE: 4,285 SF Existing + 915 SF Proposed Addition = 5,200 SF
  - Total Occupancy: 60

- Analysis: The spaces have an adequate exit capacity for the calculated occupant load.

- Code Review (continued)

- Required and Provided Number of Fixtures:
  - Toilets: 4
  - Showers: 4
  - Total provided: 8
  - Total required: 8

- Adequate exit capacity for the calculated occupant load.
1. REMOVE EXISTING CONCRETE SLAB AS INDICATED ON THE PLAN. REMOVE ASSOCIATED SUBSTRATE AND PREPARE AREA FOR NEW WORK. ASSUME 6" THICK EXISTING SLAB.

2. REMOVE AND DISPOSE OF EXISTING CONCRETE SLAB AT FULL EXTENT OF ROOM. ASSUME 6" THICK EXISTING SLAB.

3. REMOVE AND DISPOSE OF EXISTING EXTERIOR DOOR AND FRAME.

4. REMOVE AND DISPOSE OF EXISTING EXTERIOR WINDOW AND FRAME ASSEMBLY. PREPARE OPENING TO RECEIVE NEW WINDOW ASSEMBLY.

5. REMOVE AND DISPOSE OF EXISTING WALL. PATCH AND REPAIR REMAINING ADJACENT FLOOR AND WALL SURFACES.

6. REMOVE AND DISPOSE OF EXISTING OVERHEAD DOOR.

7. REMOVE AND DISPOSE OF EXISTING DOOR AND FRAME. PATCH AND REPAIR REMAINING ADJACENT FLOOR AND WALL SURFACES.

8. REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURES. REMOVE ALL ASSOCIATED PLUMBING FITTINGS.

9. REMOVE AND DISPOSE OF EXISTING BUILT-IN COUNTER.

10. CAREFULLY SAWCUT BLOCK AROUND EXISTING ARCH. PREPARE AREA FOR TO RECEIVE NEW WINDOW ASSEMBLY.

11. CAREFULLY SAWCUT EXISTING BLOCK. PREPARE AREA FOR TO RECEIVE NEW DOOR/ OR WINDOW ASSEMBLY.

12. REMOVE AND DISPOSE EXISTING HVAC EQUIPMENT.

13. REMOVE ENTIRE EXISTING DROPPED CEILING ASSEMBLY THROUGHOUT THE BATHHOUSE.

14. REMOVE EXISTING GATE, SALVAGE FOR FUTURE USE.
1. MECHANICAL AND ELECTRICAL ITEMS ARE SHOWN FOR LOCATION AND COORDINATION PURPOSES.
2. REFER TO MEP PLANS FOR SPECIFICS FOR EQUIPMENT TYPES.
3. CENTER FIXTURE ON TILE UNLESS OTHERWISE NOTED.
4. PAINT ALL MDO CEILINGS AND SOFFITS.
5. ALL SPRINKLER HEADS, OCCUPANCY SENSORS, SMOKE DETECTORS, DIFFUSERS, DEVICES AND CEILING MOUNTED HORN STROBES SHALL ALIGN WITH THE CENTER OF THE FIXTURES.
6. ALL EXIT SIGNS SHALL BE CENTERED ON THE WALL OPENING OR DOOR, UNLESS OTHERWISE NOTED.
### Room Finish Schedule - Bathhouse

<table>
<thead>
<tr>
<th>Room</th>
<th>Location</th>
<th>Walls</th>
<th>Floor</th>
<th>Ceilings</th>
<th>Millwork</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bathhouse Floor Level</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>TB-1</td>
<td>104 CONTROLLER E-1</td>
<td>EB-1</td>
<td>P-1</td>
<td>ACT-1</td>
<td>SS-1</td>
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<tr>
<td>104</td>
<td>TB-2</td>
<td>105 TOILET T-2</td>
<td>TB-2</td>
<td>P-2</td>
<td>P-5</td>
<td></td>
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<tr>
<td>108</td>
<td>TB-3</td>
<td>110 FAMILY E-4</td>
<td>EB-4</td>
<td>P-2</td>
<td>P-5</td>
<td>SS-2</td>
</tr>
<tr>
<td>113</td>
<td>TB-4</td>
<td>115 WOMEN E-4</td>
<td>EB-4</td>
<td>P-2</td>
<td>P-5</td>
<td>SS-2</td>
</tr>
<tr>
<td>117</td>
<td>TB-5</td>
<td>120 SHOWERS E-3</td>
<td>EB-3</td>
<td>P-2</td>
<td>P-5</td>
<td>ROBE &amp; BAG HOOKS, BENCH</td>
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### Room Finish Schedule - Support Building

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<tbody>
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<td>Support Building Floor Level</td>
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<tr>
<td>132</td>
<td>TB-6</td>
<td>134 CONC-1</td>
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### Room Finish Legend and Schedule

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<tbody>
<tr>
<td>Walls</td>
<td>Painted</td>
<td>EB</td>
</tr>
<tr>
<td>Floor</td>
<td>Epoxy/Polyurethane Hybrid System</td>
<td>TB</td>
</tr>
<tr>
<td>Ceilings</td>
<td>Painted</td>
<td>TB</td>
</tr>
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<td>Millwork</td>
<td>Painted</td>
<td>TB</td>
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### Notes

1. All finishes to be specified per project.
2. Use profile guidelines for wall not to be entabulated/klamermann.
3. See reflected ceiling plan for locating.

### Design Information

- **Project Name:** Bathhouse
- **Client:** City of Salem
- **Project Team:**
  - **Structural Engineer:** Hancock Associates
  - ** MEP/FP Engineer:** Kyle Zick Landscape Architecture
  - **Historic Consultant:** Epsilon Associates

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### Voltage / Phase MCA MOCP

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<tr>
<th>Model Number</th>
<th>Electrical Per Module Notes / Options</th>
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<tbody>
<tr>
<td>HP-1 PUHY-P96TNU-A</td>
<td>96,000.0 108,000.0 29.4 / 14 4.16 3/8 / 7/8 97,625.6 67,181.6 208/3 33 50</td>
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</tbody>
</table>

### OUTDOOR HEAT PUMP SCHEDULE

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<th>Model Number</th>
<th>Electrical Per Module Notes / Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCU-1 PEFY-P72NMHSU-E</td>
<td>Ceiling concealed type (ducted) 72,151.2 57,543.1 3/8 / 3/4 2542 208/1-phase 7.7/15</td>
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<tr>
<td>FCU-2 PKFY-P06NBMU-E2R1</td>
<td>Wall mounted type 6,012.6 4,819.2 1/4 / 1/2 208 208/1-phase 0.19/0.19/15</td>
</tr>
</tbody>
</table>