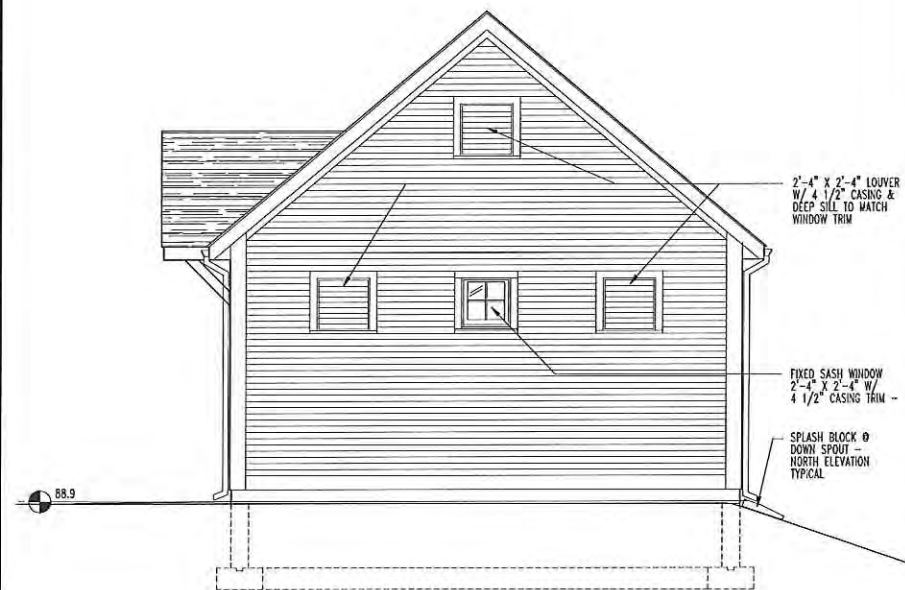


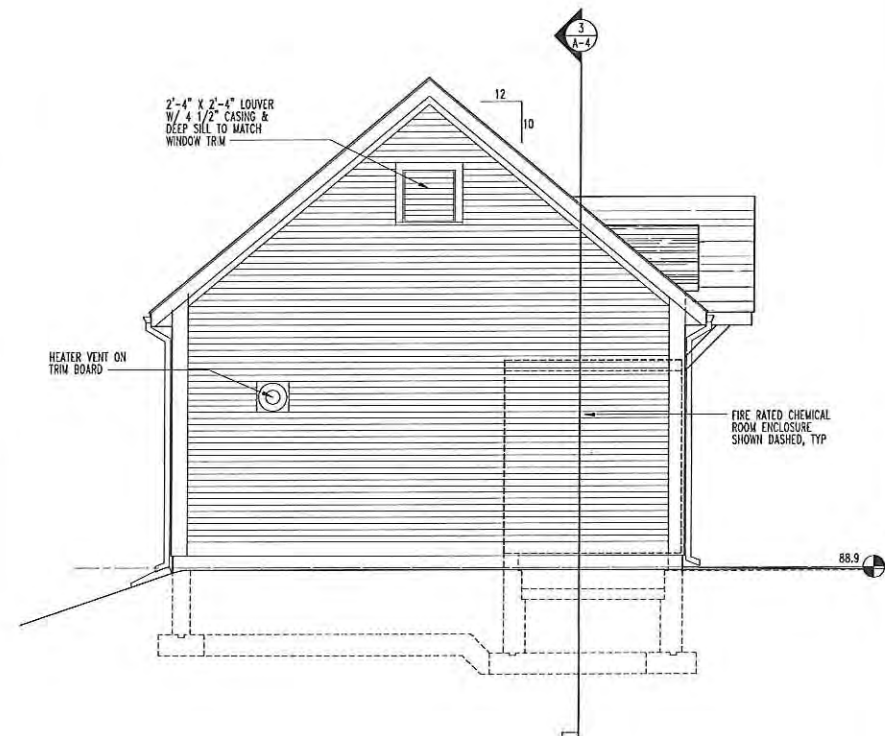
2 NORTH ELEVATION



1 SOUTH ELEVATION



3 EAST ELEVATION



4 WEST ELEVATION

ELEVATION NOTES

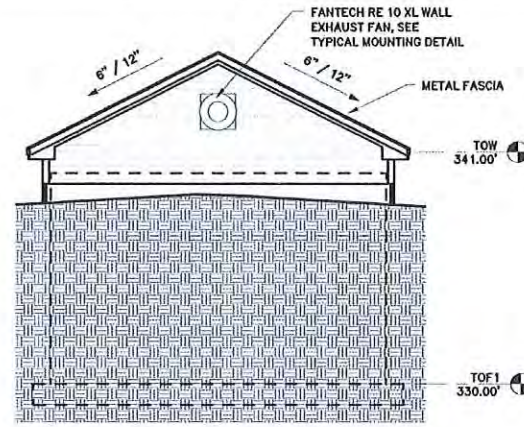
1. All siding shall be equal to Hardie Plank, 4" to weather.
2. All trim shall be equal to Hardie Trim, 5/4, painted, unless otherwise noted.
3. Doors shall be equal to Clopay 2-panel Planked
4. Sectional overhead door shall be equal to Clopay Coachman, Series 2, Design 21, w/SQ24 window Panel.
5. Windows shall be equal to Andersen, sizes are approximate - verify w/ manufacturer.
6. Louvers to have 50% free area, minimum & screens
7. Notes on South Elevation are typical for all elevations unless otherwise noted.

WASTEWATER TREATMENT BUILDING - SIMILAR TO BE BUILT AT ENCLAVE AT BOXBOROUGH

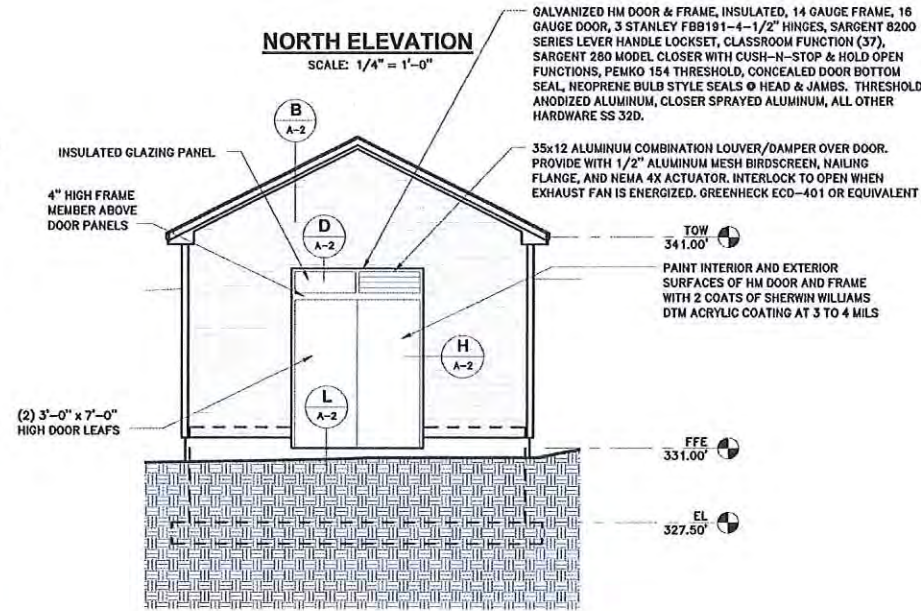
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ARCHITECTURAL NOTES

- CODE:
 2012 INTERNATIONAL BUILDING CODE
 2012 INTERNATIONAL ENERGY CONSERVATION CODE
 F-2 USE GROUP
 MAX OCCUPANCY
 228 SF @ 300 SF / PERSON = 1
 THE BUILDING WILL NOT NORMALLY BE OCCUPIED
 CONSTRUCTION TYPE 5B
 ENERGY CONSERVATION
- ZONE 6**
 ATTIC R-38 REQUIRED, R-42 PROVIDED (6" SPRAY FOAM)
 WALL R-20 REQUIRED, R-31.5 PROVIDED (2.5" POLYSTYRENE & R-19 BATTS)
 MASS WALLS R-11.4ci REQUIRED, R-12.5 PROVIDED (2.5" POLYSTYRENE)
 SLAB R-10 REQUIRED, R-12.5 PROVIDED (2.5" POLYSTYRENE)
 AIR BARRIER PROVIDED BY POLYSTYRENE INSULATION AT WALLS AND SPRAY
 FOAM INSULATION IN ATTIC.
- COORDINATE ALL R.O.'S (ROUGH OPENINGS) WITH THE ITEMS AND EQUIPMENT TO BE SUPPLIED.
 - ALL JOINTS AND EDGES IN THE GWP PANELS WITH FACTORY LAMINATED FRP TO BE COVERED WITH TRIM PIECES.
 - SEE SPECIFICATION SECTION 06100 FOR THE NAILING SCHEDULE.
 - WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
 - PLYWOOD SHEATHING SHALL BE:
 ROOF - 5/8" APA RATED SHEATHING 40/20, EXTERIOR
 (BLOCK ALL PLYWOOD EDGES)
 WALL - 1/2" APA RATED SHEATHING 32/16 EXTERIOR
 (BLOCK ALL PLYWOOD EDGES)
 - TRUSSES SHALL BE ATTACHED TO TOP PLATES WITH H10 HURRICANE TIES BY SIMPSON STRONGTIE OR EQUAL AT EACH END OF TRUSS.
 SPECIFICATION: "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION 2015" INCLUDING "DESIGN VALUES FOR WOOD CONSTRUCTION", NATIONAL PRODUCTS ASSOCIATION.
 - THE LATERAL BRACING SYSTEM INCLUDES WOOD CROSS-BRACING AND PLYWOOD WALL AND ROOF SHEATHING. CONTRACTOR SHALL PROVIDE TEMPORARY BRACING AS REQUIRED TO LATERALLY SUPPORT THE STRUCTURE DURING CONSTRUCTION.
 - TOP CHORDS OF TRUSSES WILL BE LATERALLY SUPPORTED FULL LENGTH WITH PLYWOOD SHEATHING. ALL TRUSSES WILL BE LATERALLY SUPPORTED AT BEARING POINTS. THE LATERAL BRACING SHOWN ON THE DRAWINGS SHALL BE INSTALLED IN ADDITION TO THE BRACING REQUIRED BY THE TRUSS MANUFACTURER.
 - DESIGN, DETAIL AND FABRICATE WOOD TRUSSES IN ACCORDANCE WITH: "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION - 2015" INCLUDING "DESIGN VALUES FOR WOOD CONSTRUCTION", NATIONAL FOREST PRODUCTS ASSOCIATION; TRUSS PLATE INSTITUTE "NATIONAL DESIGN STANDARD FOR METAL CONNECTED WOOD TRUSS CONSTRUCTION" ANSI/TPI 1 - 2007 (TRUSS CONNECTION PLATES SHALL BE 20% GREATER IN SIZE AND AREA THAN REQUIRED BY TPI SPECIFICATIONS).
 - STRUCTURAL LUMBER: WOOD USED IN THE MANUFACTURE OF WOOD TRUSSES SHALL BE NO. 2 KILN DRY SOUTHERN YELLOW PINE, NO. 2 KILN DRY EASTERN SPRUCE OR EQUAL USED AT 19% MAXIMUM MOISTURE CONTENT.
 - SEE THE TYPICAL LINTEL DETAIL ON DRAWING A-2.
 - SEALANTS:
 SIKAFLEX 1A @ WALL OPENINGS/PENETRATIONS, DOORS, EXPANSION JOINTS, ETC.
 SIKADUR 51-SL @ INTERIOR SLAB PERIMETER AND CONTROL JOINTS.



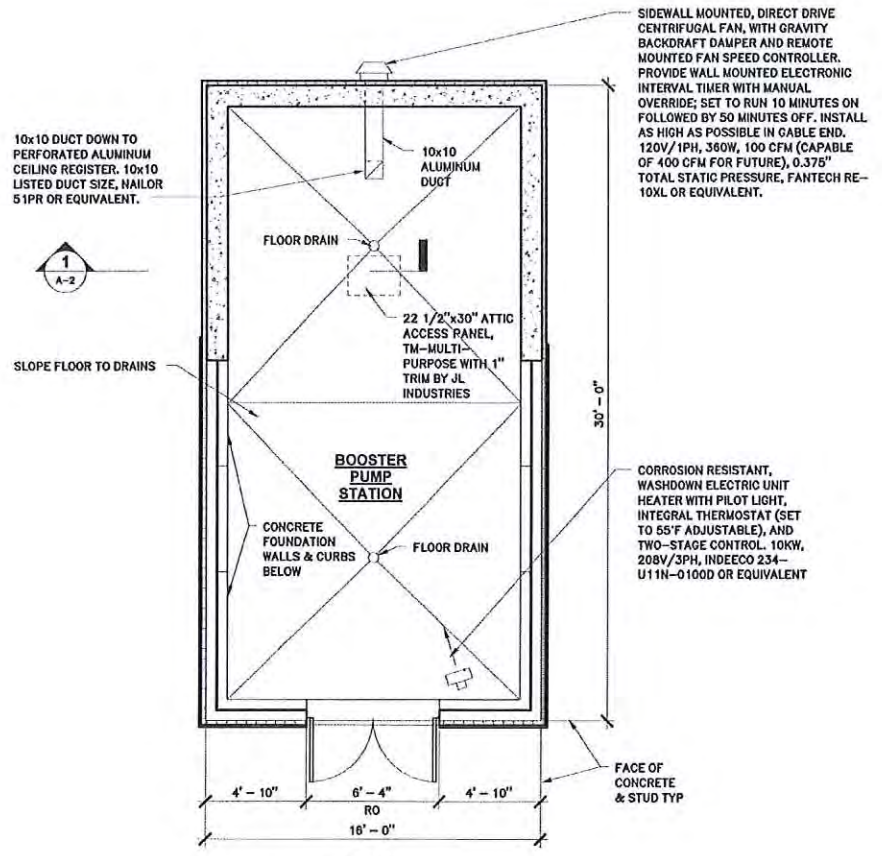
NORTH ELEVATION
 SCALE: 1/4" = 1'-0"



SOUTH ELEVATION
 SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- THE WATER DISTRIBUTION SYSTEM FOR REGENCY AT STOW WAS DESIGNED BY DUCHARME & DILLIS. REFER TO SIX PLAN SHEETS STAMPED ON JUNE 22, 2016. EQUIPMENT INFORMATION FOR WELL PUMPS, BOOSTER PUMPS, PIPE MATERIALS, ETC. IS INCLUDED IN THE SOURCE FINAL REPORT JUNE 2016 BY NORTHEAST GEOSCIENCE, APPENDIX D.
- THE MASSDEP LETTER DATED AUGUST 25, 2016 PROVIDED APPROVAL OF THE PUMP TEST, WELLS, BOOSTER STATION AND DISTRIBUTION SYSTEM.
- THIS WRIGHT-PIERCE (W-P) FEBRUARY 2017 DESIGN SUPPLEMENTS THE AUGUST 2016 APPROVED DOCUMENTS BY DUCHARME & DILLIS AND NORTHEAST GEOSCIENCE. SPECIFIC ITEMS AND CLARIFICATIONS ARE THE FOLLOWING:
 - W-P DID NOT CHANGE THE DUCHARME & DILLIS ORIGINALLY DESIGNED SYSTEM HYDRAULICS OR PIPING.
 - W-P NOTED THE USE OF TWO 8,000 GALLON WATER STORAGE TANKS IN PLACE OF THE ONE TANK DESIGN BY DUCHARME & DILLIS.
 - W-P NOTED EQUIPMENT FOR FUTURE TREATMENT PROVISIONS THAT WILL NOT BE INSTALLED AT THIS TIME. IF THE FUTURE TREATMENT EQUIPMENT IS EVER NEEDED, MASSDEP APPROVAL WILL BE NEEDED.
 - W-P'S DESIGN IS FOR THE BUILDING, FOUNDATION, HVAC AND ELECTRICAL.
 - W-P SIZED THE GENERATOR AND PROPANE SYSTEM.
 - W-P ADDED FLOOR DRAINS THAT ARE DIRECTED TO A TIGHT TANK.
 - W-P MADE MINOR GRADING CHANGES AT THE IMMEDIATE VICINITY OF THE BUILDING. FOR EXAMPLE, A SPOT ELEVATION OF 330.5 WAS ADDED AT THE SOUTHERLY DOUBLE DOOR ENTRANCE.
 - W-P ADDED A 20 MICRON FILTER AND A PRESSURE SENSOR FOR EACH WELL LINE ENTERING THE BUILDING.



PLAN
 SCALE: 1/4" = 1'-0"

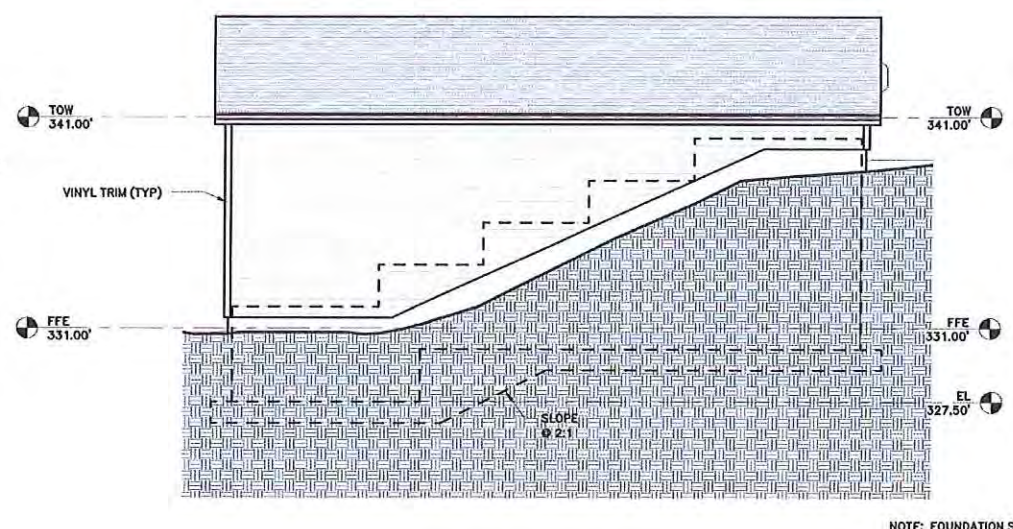
WATER FACILITY
 SIMILAR TO BE
 BUILT AT
 ENCLAVE AT BOXBOROUGH

SYMBOLS LEGEND

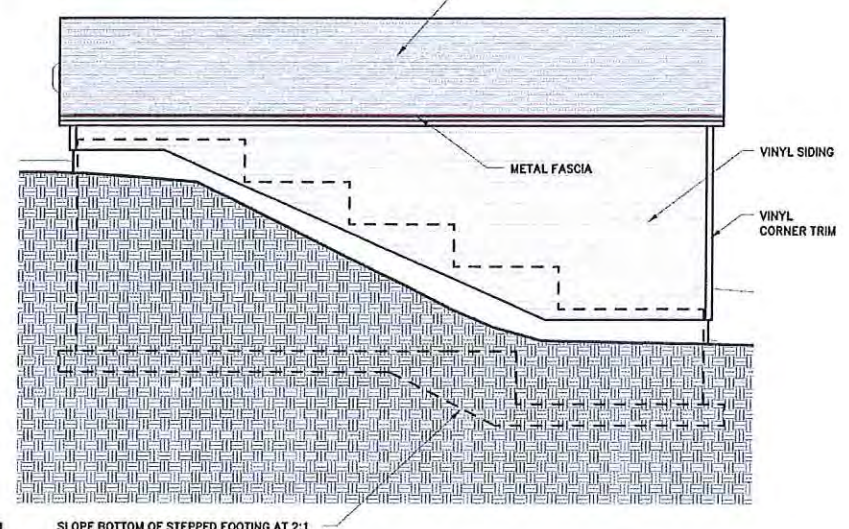
- DRAWING NUMBER
- SECTION
- SHEET NUMBER
- DETAIL
- DATUM
- CAULKING (FIRE RATED WHERE APPLICABLE)
- SEALANT
- CONCRETE PAD

MATERIALS LEGEND

- CONCRETE MASONRY UNIT (CMU)
- CONCRETE
- EARTH
- DIMENSIONAL LUMBER OR WOOD BLOCKING
- BATT INSULATION
- RIGID INSULATION
- FINISH WOOD
- PLYWOOD



EAST ELEVATION
 SCALE: 1/4" = 1'-0"



WEST ELEVATION
 SCALE: 1/4" = 1'-0"

NOTE: FOUNDATION STEPS SAME ON WEST WALL
 SLOPE BOTTOM OF STEPPED FOOTING AT 2:1

DATE	ISSUED FOR	NO.	DESIGNED BY	CHECKED BY	DATE
08/17			PETER A. QUINN	QUINN	
PROJECT NO.	PROJECT NAME	PROJECT LOCATION			
<p>WRIGHT-PIERCE Engineering a Better Environment Offices Throughout New England 888.621.8156 www.wright-pierce.com</p>					
<p>STOW, MASSACHUSETTS REGENCY IN STOW - BOXBORO ROAD BOOSTER PUMP STATION INSTALLATION</p>					
<p>ARCHITECTURAL PLANS, ELEVATIONS</p>					
<p>DRAWING A-1</p>					