



Department of Public Works

Invitation to Bid

Sandy Beach Bathhouse Remodel

407 East Shore road.

Morris, Connecticut

The Town of Litchfield is accepting bids for the Sandy beach bathhouse remodel. All bids must be submitted on forms and in accordance with specifications supplied by the Town of Litchfield, Public Works Department, 101 Russell Street, Litchfield CT. **Bids will be received at the Office of the First Selectman, 74 West Street, Litchfield, CT, 06759 until 1:30 p.m. on Friday, August 12, 2016 and will be opened and read publicly at that time in the Office of the First Selectman.** There is a non-refundable \$20 fee unless electronically downloaded from the Town of Litchfield web site www.townoflitchfield.org. **There is a Mandatory site walk on Friday July 22, 2016 at 9:00 am at the site.**

Instructions to Bidders

1. Intent

The intent of these specifications is to obtain a contractor to complete the renovations at the Sandy beach bathhouse. . The Contractor shall have adequate equipment, and materials for this project to insure completion by **October 21st, 2016.**

All Bidders shall observe the following instruction and specifications:

2. General Provisions and Milestone Dates

Site Walk: Friday July 22, 2016 at 9:00 a.m.

Date of Final Questions: Tuesday, July 26, 2016 at 3:00 p.m.

Receipt Deadline & Opening: Friday August 12, 2016 at 1:30 p.m.

Place of Opening: Office of First Selectman, 74 West Street,
Litchfield, CT 06759

Tentative Award Date: Board of Selectman's meeting Tuesday August 16, 2016.

Period of Performance: Wednesday August 17, 2016 to Friday October 21, 2016.

Bid Return Envelope: Bidders shall submit bids in an envelope clearly marked, with the bid title and opening date to prevent a sealed bid from being opened prior to the opening date. Any bid not so marked and opened by the Town shall be rejected.

The following forms must be submitted:

- A. Bid Schedule
- B. Hold Harmless Agreement and Supplemental Agreement
- C. Completed Projects and References
- D. Non Collusion Form
- E. Non Discrimination Form

3. Mandatory Site Walk

A mandatory site walk for all bidders will be conducted at the site 407 East Shore Rd. Morris Ct, on Friday, July 22, 2016 at 9:00 am.

Note: This bid and contract will supersede any and all previous agreements for this work.

4. Proposal Questions

Any questions pertaining to the scope of the work or content or procedure for submitting proposals should be directed to Michael Boe, Architect by e-mail, to be received no later than Tuesday July 26, 2016 at 3:00 p.m. Any questions received after that date will not be answered. Contact information is as follows:

Michael Boe, Architect
19 Tioga Street
Torrington, CT 06790
(860)-489-3771
Boestudio1@optimum.net

5. Basis of Award

It is intended this Contract shall be awarded to the Bidder that best meets the needs of the Town of Litchfield with respect to qualifications as referred to on the "*Qualification of Bidder*" page, contractor's submitted start date, and cost. Qualifications shall include the ability of the Contractor to complete all work within the stated time frame.

6. Notice of Award

The Town shall give notice of Acceptance of a bid to the successful bidder by mail to the Bidder's address stated in the bid. Individuals are invited to attend the Bid Opening, with official bid results pending notification of the successful bidder.

7. Award of Contract

The Town reserves the right to reject any and all bids for any reason the Town deems advisable, and to award contract or contracts to any Contractors bidding on the work, regardless of the amount of bid. Contract may be awarded by building to multiple bidders based on price and ability of individual bidders to complete the work in the time frame required.

8. Bid Security

A bid bond or certified check is not required for this bid.

9. Performance; Labor and Material Bond

A performance bond or certified check is not required for this bid.

10. Scope of Work Change

The Town reserves the right to change the scope of the project after the bid is awarded, without penalty to the Town. All changes in scope will be issued in writing by the Director of Public Works or his designee.

11. Substitution of Named Brands

Should brand names appear in this bid, before bidding on any item considered equal to or better than a named item, the Bidder must get written approval from the Director of Public Works.

12. Price, Discounts, and Payment

Prices bid shall not include any taxes, Local, State, or Federal, as the Town is not liable. In addition to the price bid, each Bidder may quote binding discounts, which will be considered when making the award.

13. Delays

Contract time delays for completion of work shall be authorized in writing by the Director of Public Works.

14. Assignment of Contract

Contractor shall not sublet, sell, transfer, assign, or dispose of contract or any portion thereon or of right, title, or interest therein of obligations thereunder, without written consent of the Town.

15. Acceptance of Subcontractor

Submission of name of Subcontractor in proposal shall be deemed to constitute an acceptance by Contractor, if awarded contract of bid, of such Subcontractor. Any alteration therein, after award of contract, shall be subject to the approval of the Town.

16. Basis of Payment

Payment for this work shall be at the lump sum bid for work completed and accepted, except as noted herein and shall include all equipment, materials, labor, and tools incidental to the completion of this work.

17. Payments for Extra Work

Written notice of claims for extra work shall be given by Contractor within ten (10) days after receipt of written instruction from the Town as approved by the Director of Public Works to proceed with extra work and also before any work is commenced, except in emergency endangering life or property. No claim shall be valid unless so made. In all cases, Contractor's itemized sheet showing all labor and material must be submitted to the Director of Public Works. Town order for extra work shall specify any extension of contract time and one of the following methods of payment:

- A. Unit Prices or combination of unit prices.
- B. A lump sum based on Contractor's estimate accepted by owner and approved by the Director of Public Works.
- C. Actual costs plus ten percent (10%) for overhead and profit.

18. Payment Requests, Retainage and Guarantee Period

Contractor must submit a payment request for payment once each month for work done and materials delivered and installed on the site. Each request for payment must be computed from work completed, less ten percent (10%) to be retained until expiration of the guarantee period, which is one (1) year from written acceptance of work.

19. Insurance

The contractor will file with the Town of Litchfield, the following evidence of insurance. Certificates must be on file with the Town before acceptance of Bid or work commences.

Workers Compensation

Coverage A: Statutory

Coverage B: Employers Liability:

Bodily injury by accident	\$ 100,000 per person
Bodily injury by disease	\$ 100,000 per person
Bodily injury	\$ 500,000 aggregate

Comprehensive Commercial Liability

Bodily injury; General Limit	\$ 1,000,000 aggregate
Products/Completed Operations	\$ 1,000,000 aggregate
Personal and Advertising Injury	\$ 1,000,000 aggregate

Each Occurrence	\$ 1,000,000 aggregate
Fire Damage Limit	\$ 1,000,000 aggregate
Medical Expenses	\$ 100,000 per person

Premises/Independent Contractors
Contractual/Completed Operations/Products
Contractual/Liability will be Broad Form
XCU (explosion/collapse/underground utilities)
Comprehensive Broad Form Liability endorsement or Equivalent
Broad Form property Damage Liability

Automobile Liability

Bodily Injury	\$1,000,000 per person
Aggregate	\$1,000,000 per person
Property Damage	\$1,000,000 per person

Coverage:

All owned/non owned/hired/borrowed
Contractual liability to be included

Contractors must name the Town of Litchfield as an additional named insured on all certificates. All policies will provide thirty (30) days' notice of cancellation as well as ten (10) days' notice of material change in the policies to the First Selectman's Office of the Town of Litchfield.

20. Environmental Health and Safety Compliance

The contractor must comply with all local, state and federal environmental health and safety regulations. The contractor must submit a Health and Safety Plan to the Director of Public Works prior to commencing the project.

21. Hold Harmless Agreement

The Contractor agrees to hold harmless the Town of Litchfield and its respective officers, agents, and employees from any loss, costs, damages, expenses, judgements, and liability whatsoever kind or nature howsoever the same may be caused resulting directly or indirectly by any act of omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable resulting in bodily injury including sickness and death, personal injury, or damage to property directly or indirectly, including the loss of use resulting therefrom as permitted by law. The Contractor will be required to sign the enclosed Hold Harmless Agreement prepared by the Town.

22. Supplemental Agreement

The Contractor named below is an independent contractor and neither the Contractor nor its employees nor the Contractor's Subcontractor(s) under any circumstances, will be considered servants or agents of the Town of Litchfield and the Town will be at no time legally responsible for any negligence or other wrong doing by the Contractor, its servants or agents or the Contractor's Subcontractor(s). The Town will not withhold from contract payments to the Contractor any Federal or State unemployment taxes, Federal or State Income Taxes, Social Security Tax, or any other amount for benefits to the Contractor. The lump sum or unit charges for service provided does not represent gross wages and further the Town will not provide the Contractor any insurance coverage or other benefits, including Worker's Compensation, normally provided by the Town to its employees. The Contractor will be required to sign the enclosed Supplemental Agreement prepared by the Town.

23 Length of Contract (Period of Performance)

Period of performance Wednesday August 17, 2016 to Friday October 21, 2016

Bid Specifications

- **The bid is based on information per the site plan drawings and Project Manual as provided.**
- **Additional information if needed will be provided at the mandatory site walk.**

Bid Schedule

Sandy Beach Bathhouse Remodel

407 East Shore Road

Morris, Connecticut

Lump Sum Bid \$ _____

_____ U. S. Dollars

Construction Start Date _____

** If a discrepancy the written word will prevail.

The undersigned is familiar with the conditions surrounding this call for bids, is aware that the Town reserves the right to reject any and all bids, and is submitting this bid without collusion with any other person, individual, or corporation.

Bidder _____

By _____

(Signature)

(Title)

Name – Typed _____

Date _____

Address _____

Phone _____

Fax _____

Email _____



NON-COLLUSION AFFIDAVIT

(This affidavit must be signed and sworn to by the person signing bid)

AFFIDAVIT FOR CORPORATION BIDDER

STATE OF _____

COUNTRY OF _____

_____ Being first duly sworn, deposes and says:
(Persons Name)

That they are the _____ of the corporation who
(Official Title of Cooperate Officer or Agent)

Is the Bidder submitting the accompanying bid for Town Project, and that they, being duly authorized, signed this affidavit on behalf of said Bidder; and that such bid is genuine and not a sham or collusive or made in the interest or on behalf of any person not therein named; and that said Bidder has not directly or indirectly, induced or solicited any other Bidder to put in a sham bid, or any other person, firm or corporation to refrain from bidding and that said Bidder has not in any manner sought by collusion to secure said Bidder any advantage over any other Bidder; and that said Bidder has not otherwise taken any action in restraint of free competitive bidding in connection with the subject bid.

Signed and sworn to before me this _____ day of _____, 20__

_____ My Commission expires _____

Notary Public
(Seal)

(Signature of Cooperate Officer or Agent)



NON-COLLUSION AFFIDAVIT

(This affidavit must be signed and sworn to by the person signing bid)

AFFIDAVIT FOR INDIVIDUAL BIDDER

STATE OF _____

COUNTRY OF _____

_____ Being first duly sworn, deposes and says:
(Persons Name)

That they are the person who is the Bidder submitting the accompanying bid for Town Project, and that they, having read, understood, and agreed to all the terms and provisions thereof, signed this affidavit; and the accompanying bid; and that such bid is genuine and not a sham or collusive or made in the interest or on behalf of any person not therein named; and that said Bidder has not directly or indirectly, induced or solicited any other Bidder to put in a sham bid, or any other person, firm or corporation to refrain from bidding and that said Bidder has not in any manner sought by collusion to secure said Bidder any advantage over any other Bidder; and that said Bidder has not otherwise taken any action in restraint of free competitive bidding in connection with the subject bid.

Signed and sworn to before me this _____ day of _____, 20____

_____ My Commission expires _____

Notary Public
(Seal)

(Signature of named individual)



TOWN OF LITCHFIELD

NONDISCRIMINATION CERTIFICATION

Representation by Entity

Written representation that complies with the nondiscrimination agreements and warranties under the Connecticut General Statutes ss/ss 4a-60(a)(1) and 4a-60a(a)(1) as amended.

Instructions:

For use by an entity (corporation, limited liability company, or partnership) when entering into any contract type with the Town of Litchfield, regardless of contract value. Submit to the awarding agency prior to contract execution.

Representation of an Entity:

I, _____, _____, of _____,
Authorized Signatory Title Name of Entity

An entity duly formed and existing under the laws of _____,
Name State of Commonwealth

Represent that I am authorized to execute and deliver this representation on behalf of

_____ and that _____ has a
Name of Entity Name of Entity

Policy in place that complies with the nondiscrimination agreements and warranties of Connecticut General Statutes ss/ss 4a-60(a)(1) and 4a-60 (a) (1) as amended.

Authorized Signatory

Date

Printed Name

BUILDING CODE INFORMATION

APPLICABLE CODES:

- THE STATE OF CONNECTICUT BUILDING CODE, 2005 CONNECTICUT SUPPLEMENT- OF THE 2003 INTERNATIONAL BUILDING CODE- 2009 AMENDMENT
- SUPPLEMENT- OF THE 2003 INTERNATIONAL EXISTING BUILDING CODE- 2009 AMENDMENT
- 2009 INTERNATIONAL ENERGY CONSERVATION CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2011 AMENDMENT
- ICC/ANSI A117.1-2003 ACCESSIBLE AND USABLE BUILDING FACILITIES AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
- 2003 INTERNATIONAL PLUMBING CODE
- 2003 INTERNATIONAL PLUMBING CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
- 2003 INTERNATIONAL MECHANICAL CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
- 2011 NATIONAL ELECTRICAL CODE (NFPA-70) AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2013 AMENDMENT
- STATE OF CONNECTICUT FIRE CODE 2005, AS AMENDED BY CONNECTICUT STATE FIRE CODE 2009 AMENDMENTS, 2012 AMENDMENTS.

BUILDING INFORMATION

OCCUPANCY GROUP EXISTING: (M) MERCANTILE SNACK SHACK

CONSTRUCTION TYPE: VB (UNSPRINKLED)

ALLOWABLE AREA AND HEIGHT BASED UPON OCCUPANCY TYPE B CONSTRUCTION:

(M) MERCANTILE OCCUPANCY: ALLOWED AREA: 9,000 SF HEIGHT 1STORY

ACTUAL AREA AND HEIGHT: 2,165 SF 1 STORY

OCCUPANCY COUNT:

CONCESSIONS:	808 SF	1 OCCUPANT PER 30 SFPO =	27 OCCUPANTS
STORAGE:	296 SF	1 OPPUPANT PER 300 SFPO =	1 OCCUPANT
STORAGE:	299 SF	1 OPPUPANT PER 300 SFPO =	1 OCCUPANT

TOTAL: 29 OCCUPANTS

SINGLE EXIT: 30 OCCUPANTS < 50 OCCUPANTS

COMMON TRAVEL DISTANCE: 75' ALLOWED, ACTUAL 70'

REQUIRED EXIST DOOR WIDTH 36" 29 OCCUPANTS < 50 OCCUPANTS

REQUIRED EXIST CORRIDOR WIDTH 36" 29 OCCUPANTS < 50 OCCUPANTS

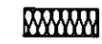
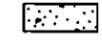
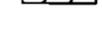
INTERIOR WALLS AND CEILING FINISHES: ASTM E84

CLASS A FLAME SPREAD 0-25, SMOKE DEVELOPED 0-450

PROVIDED: EMERGENCY LIGHTS

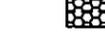
PROVIDED: EMERGENCY EXIT SIGNS

MATERIALS

-  ACOUSTIC GLASS FIBER INSULATION
-  CONCRETE
-  NEW WALL SEE WALL TYPES FOR SPECIFICS
-  NEW ONE HOUR RATED WALL SEE WALL TYPES FOR SPECIFICS
-  GLASS (SECTION)
-  GYPSUM BOARD
-  PLYWOOD
-  WOOD (FINISHED)
-  WOOD FRAMING MEMBER
-  NEW WOOD PARTION WALL IN PLAN WOOD (BLOCKING)

SEE INDIVIDUAL DRAWING LEGENDS FOR ADDITIONAL MATERIAL FINISH SYMBOLS

SYMBOLS

-  REVISION NUMBER
-  DATUM MARK / WORKING POINT
-  CENTERLINE
-  BUILDING SECTION
-  WALL SECTION
-  DETAIL IDENTIFICATION
-  INTERIOR ELEVATION
-  ROOM NAME AND NUMBER
-  WALL TYPE
-  DOOR NUMBER
-  WINDOW TYPE
-  EXISTING WALL TO BE REMAIN
-  NEW WALL SEE WALL TYPES FOR SPECIFICS
-  NEW WALL SEE WALL TYPES FOR SPECIFICS
-  NEW ONE HOUR RATED WALL SEE WALL TYPES FOR SPECIFICS

BATHHOUSE REMODEL
SANDY BEACH
407 EAST SHORE ROAD
MORRIS, CONNECTICUT
JULY 12, 2016

INDEX OF DRAWINGS ARCHITECTURAL DRAWINGS

- CS COVER SHEET, BUILDING INFORMATION, CODE INFORMATION INDEX OF DRAWINGS
- S1 STRUCTUAL FLOOR PLAN
- S2 WALL SECTIONS
- S3 RAMP PLAN, SECTIONS AND DETAILS
- D1 DEMOLITION FLOOR PLAN
- A1 FLOOR PLANDOOR TYPES, HARDWARE
- A2 WALL TYPES
- A3 REFLECTED CEILING PLAN
- A4 MENS BATH/CHANGING ROOM INTERIOR BATHROOM ELEVATIONS ACCESSORIES SCHEDULE
- A5 WOMENS/ BATH CHANGING ROOM INTERIOR BATHROOM ELEVATIONS ACCESSORIES SCHEDULE
- P1 PLUMBING PLAN
- E1 ELECTRICAL POWER PLAN
- E2 ELECTRICAL LIGHTING PLAN



BOE STUDIO
architects
19 Tioga Street Torrington, CT 06790
e-mail: boestudio1@optimum.net
PHONE/ FAX 860-489-3771

CS

CONCRETE/FOUNDATION NOTES:

A. GENERAL

1. THE CONTRACTOR SHALL VERIFY ALL SIZES, LOCATIONS, ELEVATIONS AND DIMENSIONS OF NEW WORK PRIOR TO FABRICATION OR CONSTRUCTION AND SHALL BE RESPONSIBLE FOR THEIR ACCURACY.

2. REFER TO ALL CONTRACT DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION AND DETAILS.

B. DESIGN CRITERIA

1. ALLOWABLE UNIT STRESSES AND DESIGN CRITERIA SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

- A. "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" ACI 318.
- B. 2003 INTERNATIONAL BUILDING CODE AS ADOPTED BY THE 2005 STATE OF CONNECTICUT SUPPLEMENT AND AMENDED 2009, AMENDED 2013

C. FOUNDATION/CONCRETE NOTES

1. FOUNDATION EXCAVATIONS SHALL BE TO REQUIRED ELEVATION OR SOUND UNDISTURBED SOIL.
2. FOUNDATION EXCAVATIONS SHALL BE INSPECTED TO ENSURE THE ALLOWABLE SOIL BEARING PRESSURE AND DENSITY OF FOUNDATION BEARING MATERIALS.
3. ROCK IF ENCOUNTERED SHALL BE EXCAVATE TO A MIN. OF 6" BELOW BOTTOM OF FOOTING ELEVATION. INSTALL AND COMPACT 3/4" CRUSHED STONE UP TO UNDERSIDE OF FOOTING.
4. STRUCTURAL FILL, WHERE REQUIRED SHALL BE APPROVED GRAVEL COMPACTED IN 6" LAYERS TO 95% OR MODIFIED OPTIMUM DENSITY. STRUCTURAL FILL SHALL BE TESTED DURING PLACEMENT.
5. SIDES OF FOOTING PIERS & FOUNDATION WALLS SHALL BE BACK FILLED SIMULTANEOUSLY SO AS TO PREVENT OVERTURNING OR LATERAL MOVEMENT OF PIER.
6. UNDER SLAB VAPOR RETARDER: 8 MIL POLYETHYLENE, JOINTS LAPPED MIN. 6"

D. CONCRETE WORK AND REINFORCING

1. ALL EXTERIOR EXPOSED CONCRETE SHALL HAVE 5 TO 7 PERCENT AIR ENTRAINMENT.
2. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS, INCLUDING DIMENSIONS AND LOCATIONS, OF ALL OPENINGS, EMBEDDED ITEMS, ETC. FOR ALL TRADES.
3. COVER FOR REINFORCING:

- A. CONCRETE PLACED ON EARTH 3"
- B. FORMED CONCRETE EXPOSED TO GROUND OR WEATHER
 - (1) #6 BARS OR LARGER 2"
 - (2) #6 BARS OF SMALLER 1 1/2"
- C. FORMED CONCRETE NOT EXPOSED TO GROUND OR WEATHER
 - (1) SLABS OR WALLS 3/4"

4. CONCRETE MIX DESIGN: DETERMINE PROPORTIONS FOR NORMAL WEIGHT CONCRETE IN ACCORDANCE WITH ACI 301.
5. MIXING, PLACING, CURING AND PROTECTION OF CONCRETE SHALL CONFORM TO ACI STANDARDS.

E. DESIGN STRESSES AND MATERIAL

1. ALLOWABLE PRESUMPTIVE SOILS BEARING PRESSURE: 3,000 PSF
2. DESIGN STRESSES AND MATERIALS:
 - A. CONCRETE (MINIMUM 28-DAY STRENGTH, MW)
 - FOUNDATION WALLS AND FOOTINGS 4,000 PSI
 - 1. REINFORCE STEEL - ASTM A615, A616 & A617 F_y = 60KSI
 - 2. WELDED WIRE FABRIC - ASTM 185 F_y = 60 KSI (6x6 W_{1.4}W_{1.4})

- F. CONCRETE SLAB (MINIMUM 28-DAY STRENGTH, MW)
 - 4" THICK CONCRETE SLAB 4,000 PSI

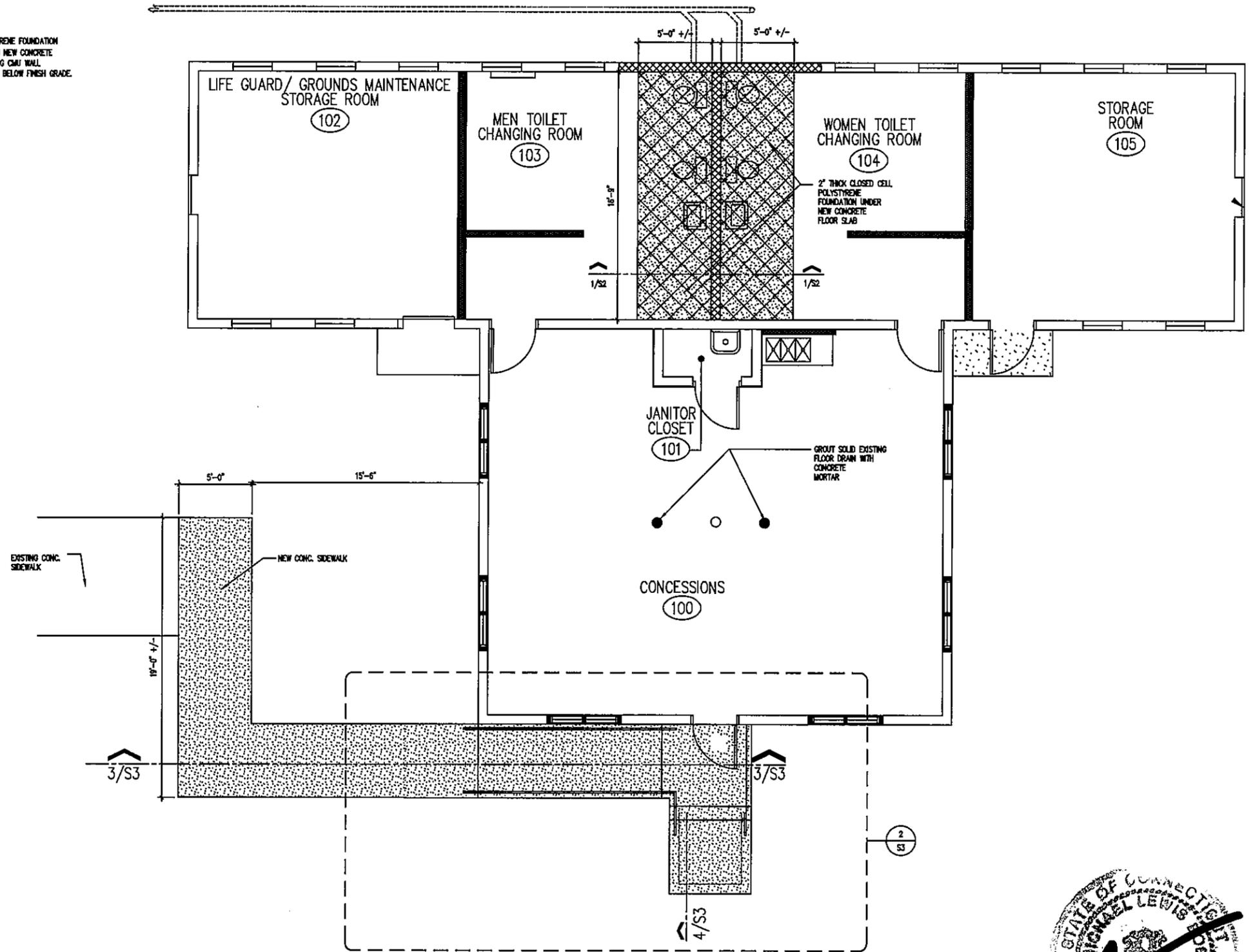
- 3. STRUCTURAL FILL:
 - A. STRUCTURAL FILL SHALL CONFORM TO THE FOLLOWING GRADATION:

SIZE	% PASSING
1/2" - 3/4"	100%
WASHED CRUSHED ROCK	

NOTE: "STRUCTURAL FILL" OR "CONTROLLED FILL" USED FOR ALL BACKFILL UNDERSLAB MATERIAL.

G. 2" THICK (R10) CLOSED CELL POLYSTYRENE FOUNDATION INSULATION AT PERIMETER UNDERNEATH NEW CONCRETE FLOOR SLAB AND ADJACENT TO EXISTING CMU WALL SEPARATING BATHROOMS TO A MIN. 2' BELOW FINISH GRADE.

G. 2" THICK (R10) CLOSED CELL POLYSTYRENE FOUNDATION INSULATION AT PERIMETER UNDERNEATH NEW CONCRETE FLOOR SLAB AND ADJACENT TO EXISTING CMU WALL SEPARATING BATHROOMS TO A MIN. 2' BELOW FINISH GRADE.



1
S1
STRUCTURAL FLOOR PLAN
1/8" = 1'-0" 2,164 GSF





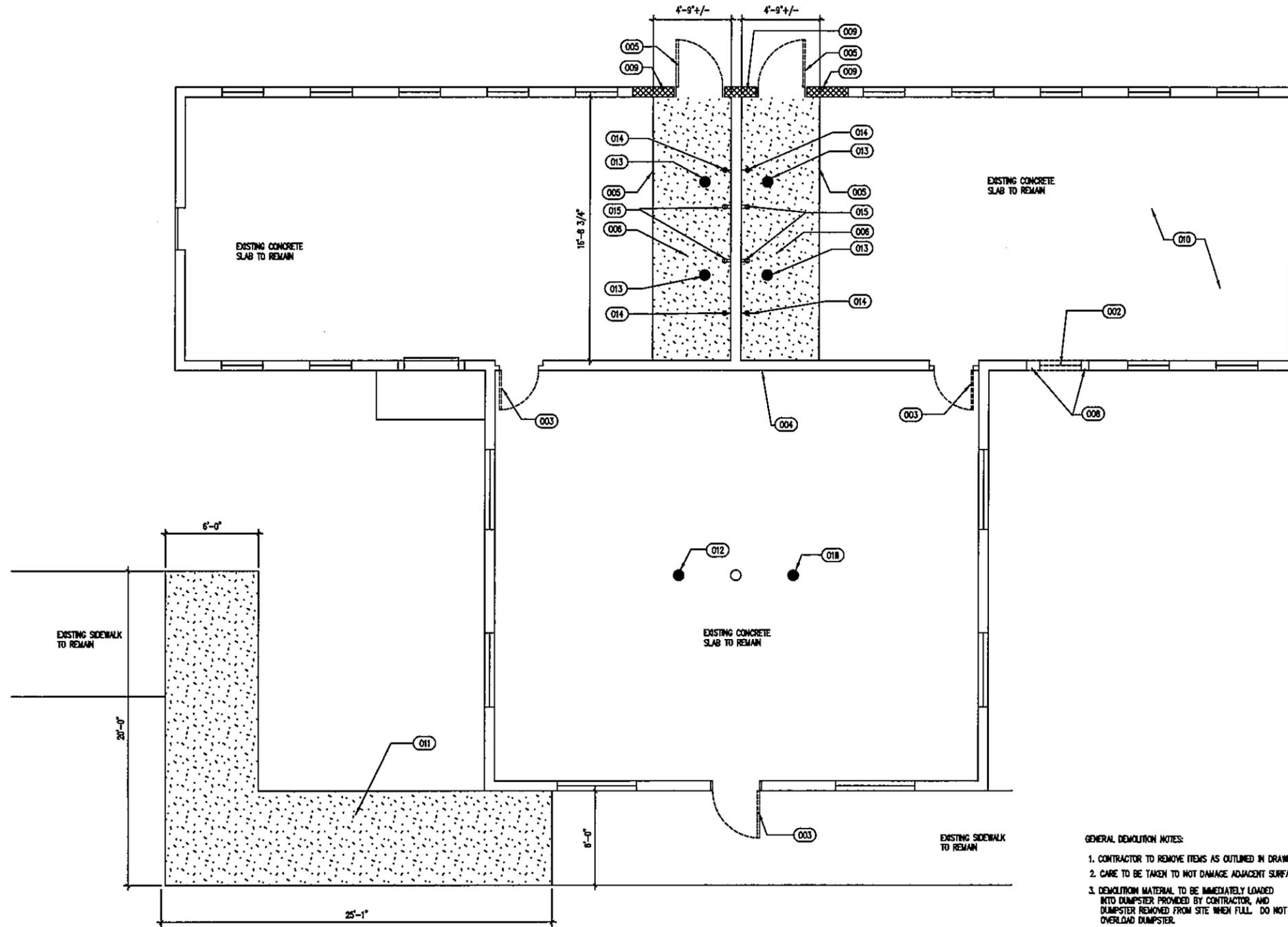
© boe studio architects 2016

BOE STUDIO
architects
19 Tioga Street Torrington, CT 06790
e-mail: boestudio1@optimum.net
PHONE/ FAX 860-489-3771

SANDY BEACH BATHOUSE REMODEL
407 EAST SHORE ROAD
MORRIS, CONNECTICUT

DATE: 07-12-2016
SCALE: 3/8" = 1'-0"

S2



1 DEMOLITION FLOOR PLAN
 D1 1/8"=1'-0"

KEY NOTE LEGEND:

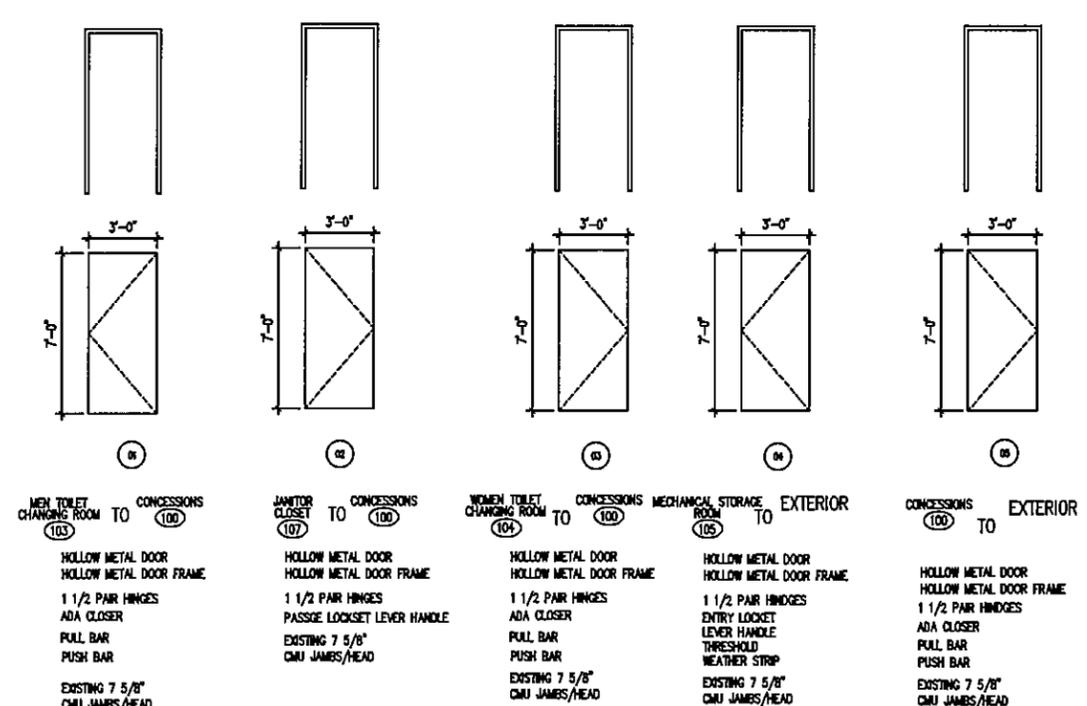
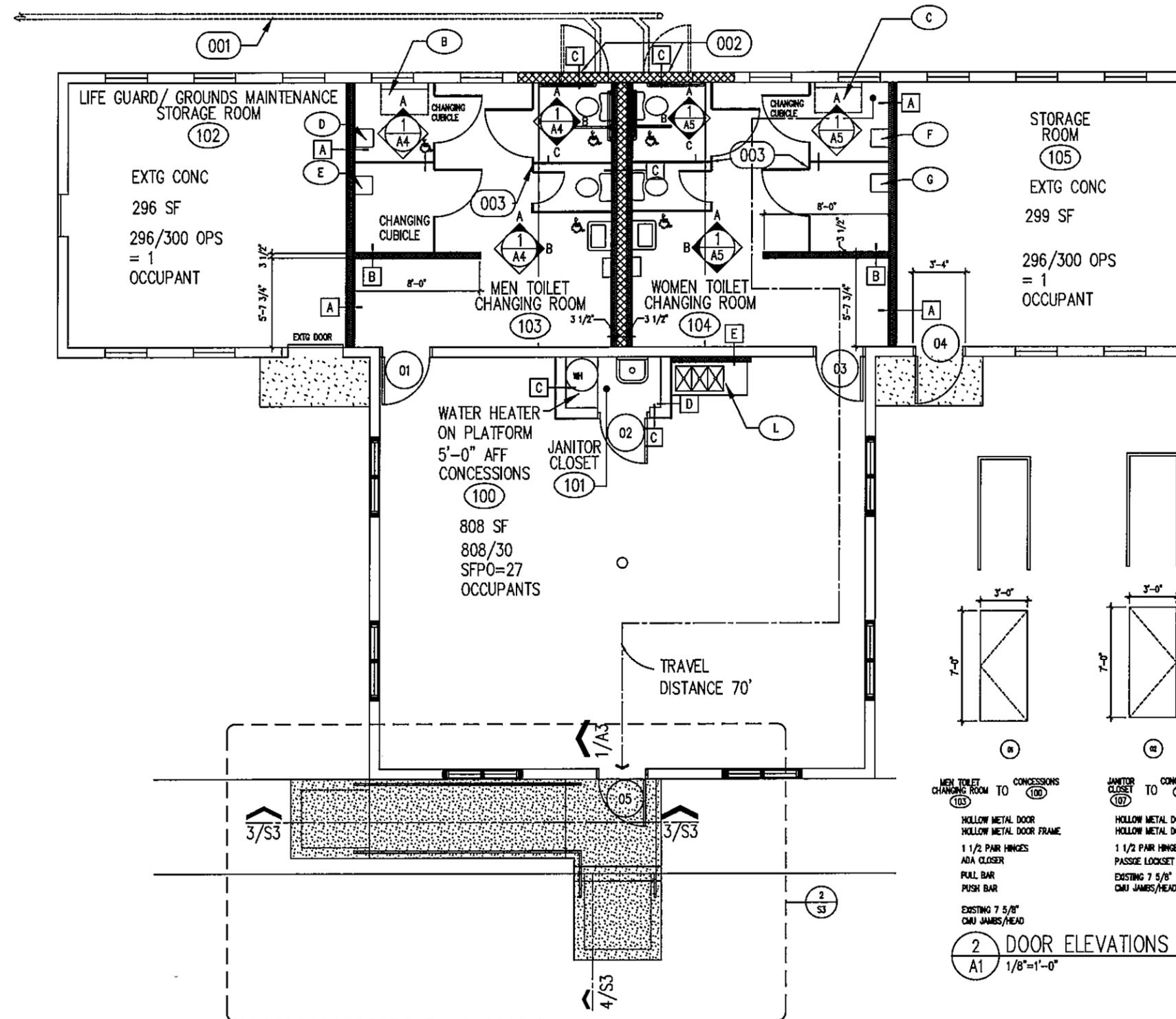
- 001 REMOVE EXISTING CONCRETE SIDEWALK AS REQUIRED FOR INSTALLATION NEW CONCRETE SIDEWALK, RAMP AND STAIR. BEFORE DEMOLISHING MEET WITH ARCHITECT TO ENSURE EXTEND OF REQUIRED DEMOLITION.
- 002 REMOVE EXISTING OPERABLE STEEL SASH, ASSOCIATED HINGES, AND STEEL FRAME. IMBEDDED INTO CMU TO REMAIN.
- 003 REMOVE EXISTING DOOR AND WOOD DOOR FRAME.
- 004 CORE THRU CMU WALL AS REQUIRED FOR INSTALLATION OF NEW JANITOR SINK AND KITCHEN THREE BAY SINK.
- 005 SAINCUT CONCRETE SLAB PRIOR TO REMOVING EXISTING CONCRETE.
- 006 REMOVE CONCRETE SLAB AND STRUCTURAL FILL. SEE STRUCTURAL DRAWINGS FOR CLARIFICATION.
- 007 SAINCUT CONCRETE SLAB PRIOR TO REMOVING EXISTING CONCRETE.
- 008 REMOVE EXISTING MASONRY TO 8'-0" ABOVE FINISH FLOOR. INSTALL STEEL LENTEL MIN. BEARING 8" EACH SIDE OF OPENING.
- 009 REMOVE CMU BLOCK WALL AS REQUIRED FOR ACCESS TO INSIDE OF STRUCTURE. SHORE AS REQUIRED. OPENING TO BE FILLED WITH CMU AS PART OF NEW CONSTRUCTION. PROVIDE A TEMPORARY BEAM TO SUPPORT EXISTING TRUSSES AND ROOF LOADS.
- 010 OWNER TO REMOVE ALL EXISTING WOOD DRESSING AREA SCREEDS, AND HARDWARE.
- 011 REMOVE EXISTING CONCRETE SIDEWALK.
- 012 REMOVE EXISTING METAL FLOOR DRAIN COVERS.
- 013 REMOVE EXISTING METAL FLOOR DRAIN COVERS, SANITARY SEWER PIPING BELOW CONCRETE AS REQUIRED FOR NEW CONSTRUCTION AND CAP.
- 014 REMOVE EXISTING HOSE BIBB AS REQUIRED FOR NEW CONSTRUCTION.
- 015 REMOVE EXISTING PIPING FOR SHOWER HEAD AS REQUIRED.

- GENERAL DEMOLITION NOTES:
1. CONTRACTOR TO REMOVE ITEMS AS OUTLINED IN DRAWINGS.
 2. CARE TO BE TAKEN TO NOT DAMAGE ADJACENT SURFACES TO DEMOLITION.
 3. DEMOLITION MATERIAL TO BE IMMEDIATELY LOADED INTO DUMPSTER PROVIDED BY CONTRACTOR, AND DUMPSTER REMOVED FROM SITE WHEN FULL. DO NOT OVERLOAD DUMPSTER.
 4. ALL WETLANDS AND DRAINAGE AREAS TO BE PROTECTED PRIOR TO STARTING DEMOLITION. MEET WITH LITCHFIELD INLAND WETLANDS OFFICER, WHITE MEMORIAL CONSERVATION OFFICER, AND STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION TO ASSURE PROTECTION OF SENSITIVE SITE AREAS.
 5. DO NOT STACK DEMOLITION MATERIAL ON SITE.
 6. DO NOT BURN DEMOLITION MATERIAL ON SITE.



EQUIPMENT LIST

- (A) 2'x5' STAINLESS STEEL 3 BAY SINK WITH INTERGAL FAUCET, AND DRAIN BOARD
- (B) "KOLA" BABY CHANGING STATION MODEL KB-200-05
- (C) "KOLA" BABY CHANGING STATION MODEL KB-200-05
- (D) FOLD UP SEAT: SIGNATURE HARDWARE SKU 310049 866-855-2284
- (E) FOLD UP SEAT: SIGNATURE HARDWARE SKU 310049 866-855-2284
- (F) FOLD UP SEAT: SIGNATURE HARDWARE SKU 310049 866-855-2284
- (G) FOLD UP SEAT: SIGNATURE HARDWARE SKU 310049 866-855-2284



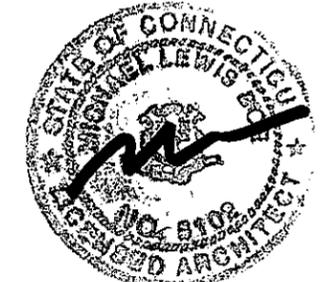
01	02	03	04	05
MEN TOILET CHANGING ROOM TO CONCESSIONS (103) TO (100)	JANITOR CLOSET TO CONCESSIONS (101) TO (100)	WOMEN TOILET CHANGING ROOM TO CONCESSIONS (104) TO (100)	MECHANICAL STORAGE ROOM TO EXTERIOR (105) TO EXTERIOR	CONCESSIONS TO EXTERIOR (100) TO EXTERIOR
HOLLOW METAL DOOR HOLLOW METAL DOOR FRAME 1 1/2 PAIR HINGES ADA CLOSER PULL BAR PUSH BAR EXISTING 7 5/8" CMU JAMBS/HEAD	HOLLOW METAL DOOR HOLLOW METAL DOOR FRAME 1 1/2 PAIR HINGES PASSAGE LOCKSET LEVER HANDLE EXISTING 7 5/8" CMU JAMBS/HEAD	HOLLOW METAL DOOR HOLLOW METAL DOOR FRAME 1 1/2 PAIR HINGES ADA CLOSER PULL BAR PUSH BAR EXISTING 7 5/8" CMU JAMBS/HEAD	HOLLOW METAL DOOR HOLLOW METAL DOOR FRAME 1 1/2 PAIR HINGES ENTRY LOCKSET LEVER HANDLE THRESHOLD WEATHER STRIP EXISTING 7 5/8" CMU JAMBS/HEAD	HOLLOW METAL DOOR HOLLOW METAL DOOR FRAME 1 1/2 PAIR HINGES ADA CLOSER PULL BAR PUSH BAR EXISTING 7 5/8" CMU JAMBS/HEAD

2 DOOR ELEVATIONS AND HARDWARE
A1 1/8"=1'-0"

GENERAL NOTES

- 001 NEW SANITARY SEWER LINE TO EXISTING GREASE TANK.
- 002 INFILL EXISTING DOOR OPENING WITH 8" CMU BLOCK
- 003 PROVIDE STEEL STRUCTURAL "W" STEEL BEAM FOR SUPPORTING HANGING TOILET PARTITIONS

1 FLOOR PLAN
A1 1/8"=1'-0" 2,164 GSF



© boe studio architects 2016

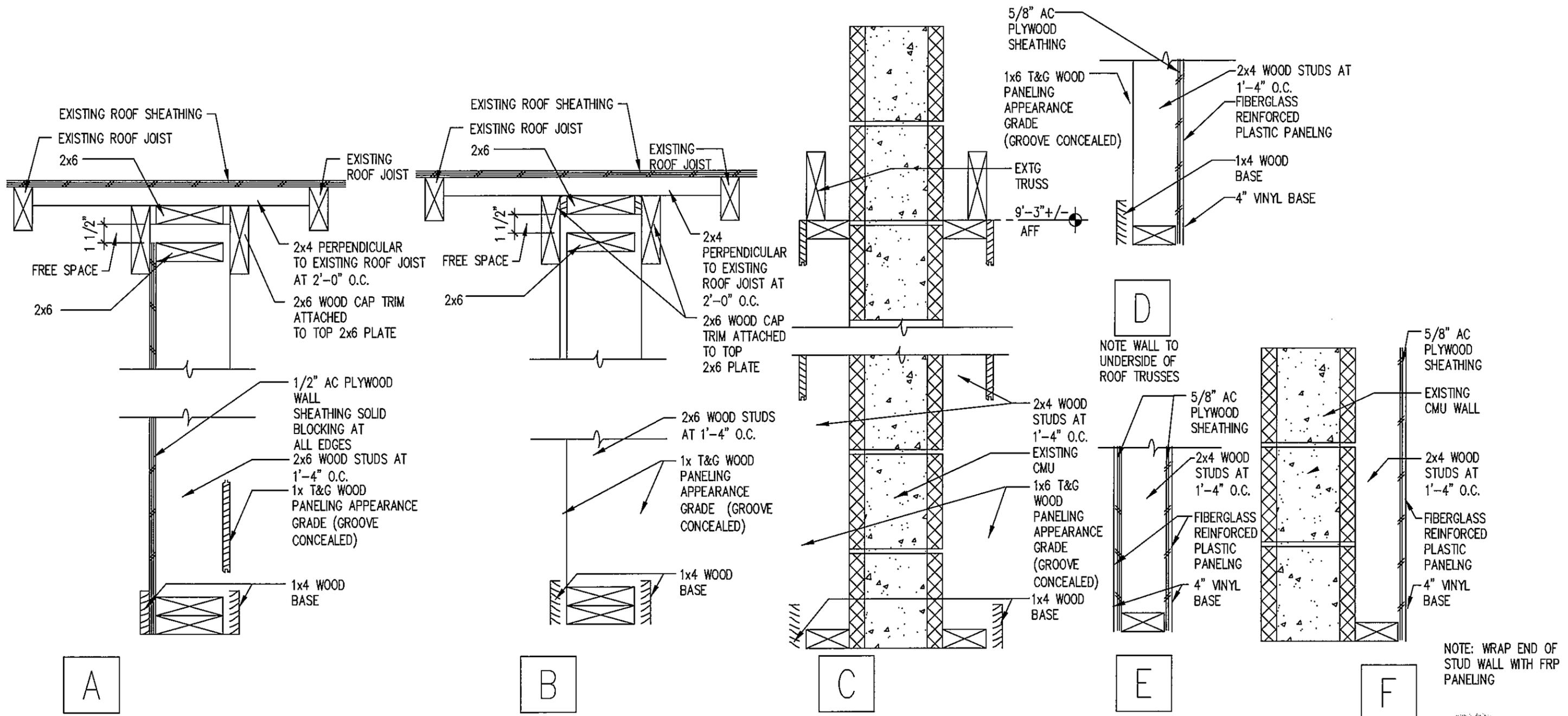
BOE STUDIO
architects
19 Tioga Street Torrington, CT 06790
e-mail: boestudio1@optimum.net
PHONE/ FAX 860-489-3771

SANDY BEACH BATHHOUSE REMODEL
407 EAST SHORE ROAD
MORRIS, CONNECTICUT



DATE: 07-12-2016
SCALE: 1/8" = 1'-0"

A1



A

B

C

E

F

NOTE WALL TO UNDERSIDE OF ROOF DECK

NOTE WALL TO UNDERSIDE OF ROOF DECK

NOTE WALL TO UNDERSIDE OF ROOF TRUSSES

NOTE WALL TO UNDERSIDE OF ROOF TRUSSES

NOTE WALL TO UNDERSIDE OF ROOF TRUSSES

NOTE: WRAP END OF STUD WALL WITH FRP PANELING

1 WALL TYPES
A2 3/4" = 1'-0"



© boe studio architects 2016

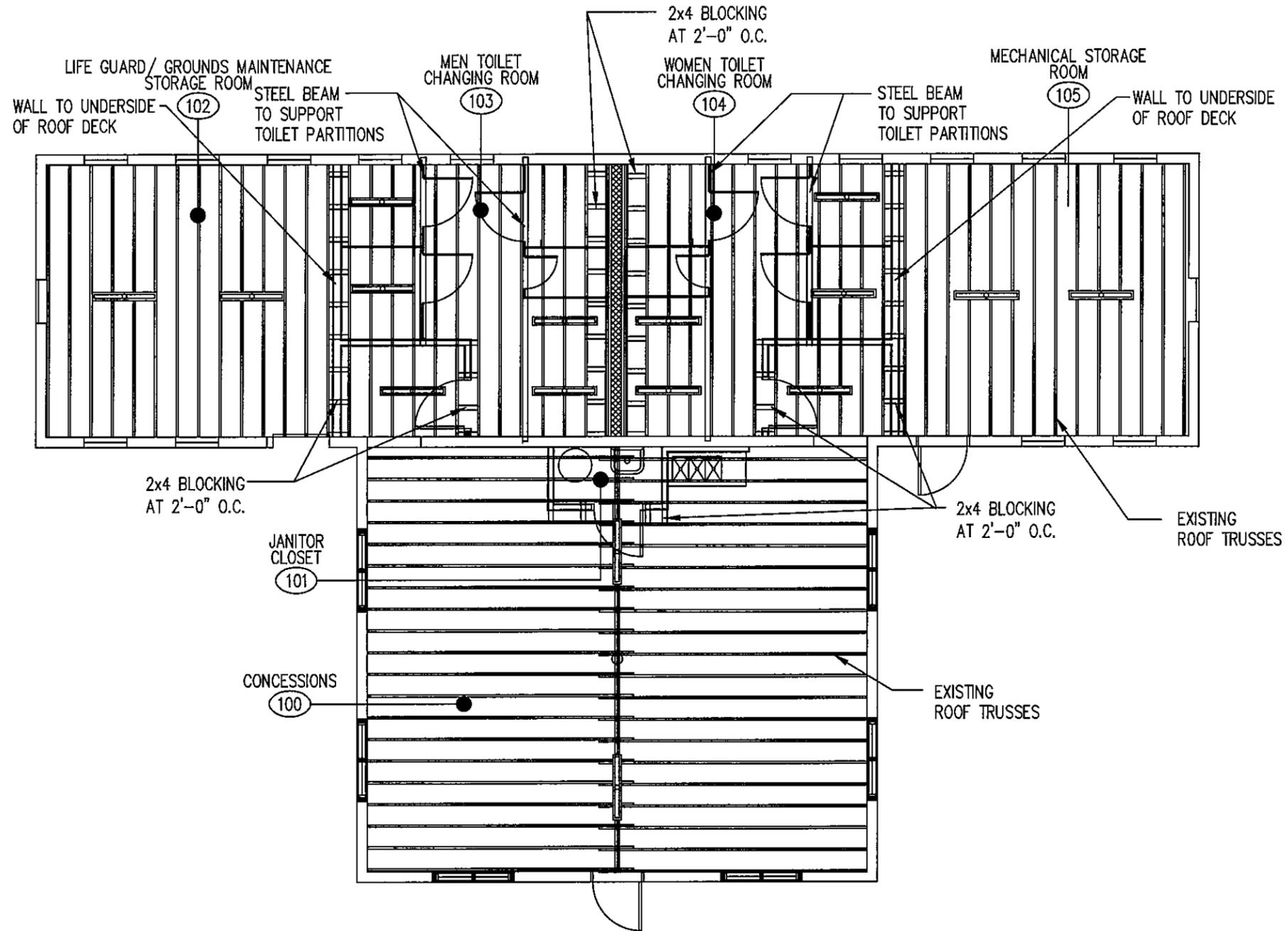
BOE STUDIO
architects
19 Tioga Street Torrington, CT 06790
e-mail: boestudio1@optimum.net
PHONE/ FAX 860-489-3771

SANDY BEACH BATHHOUSE REMODEL
407 EAST SHORE ROAD
MORRIS, CONNECTICUT



DATE: 07-12-2016
SCALE: 3/4" = 1'-0"

A2



1 REFLECTED CEILING PLAN
 A3 1/8" = 1'-0"



© boe studio architects 2016

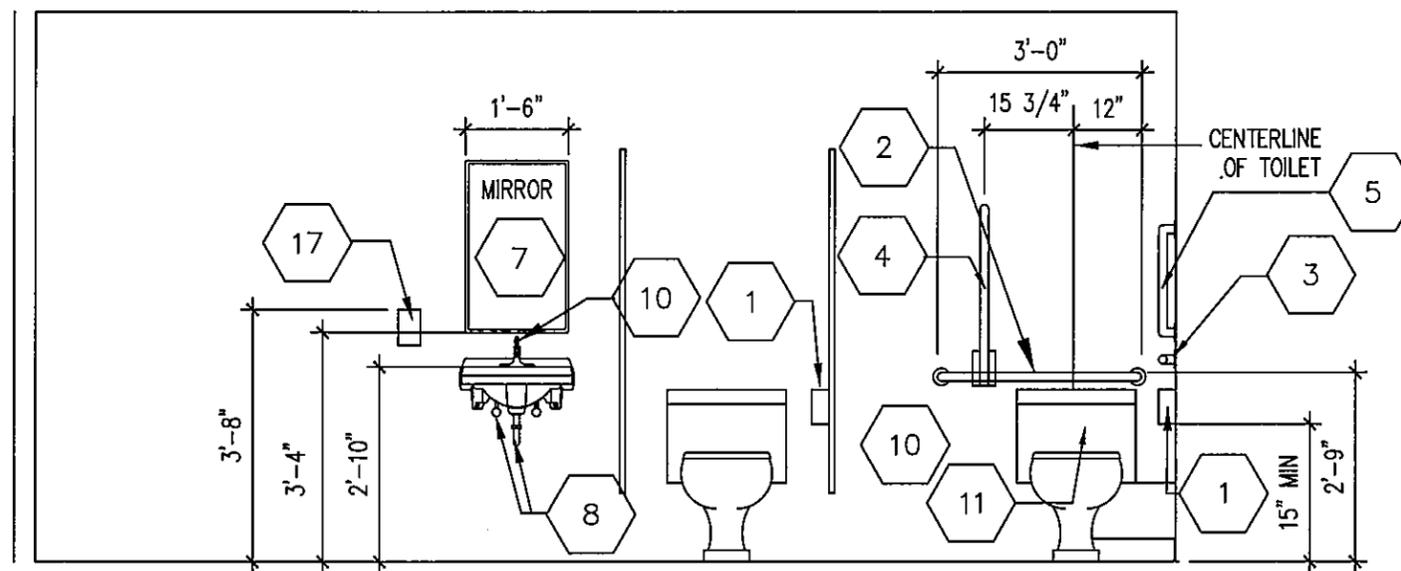
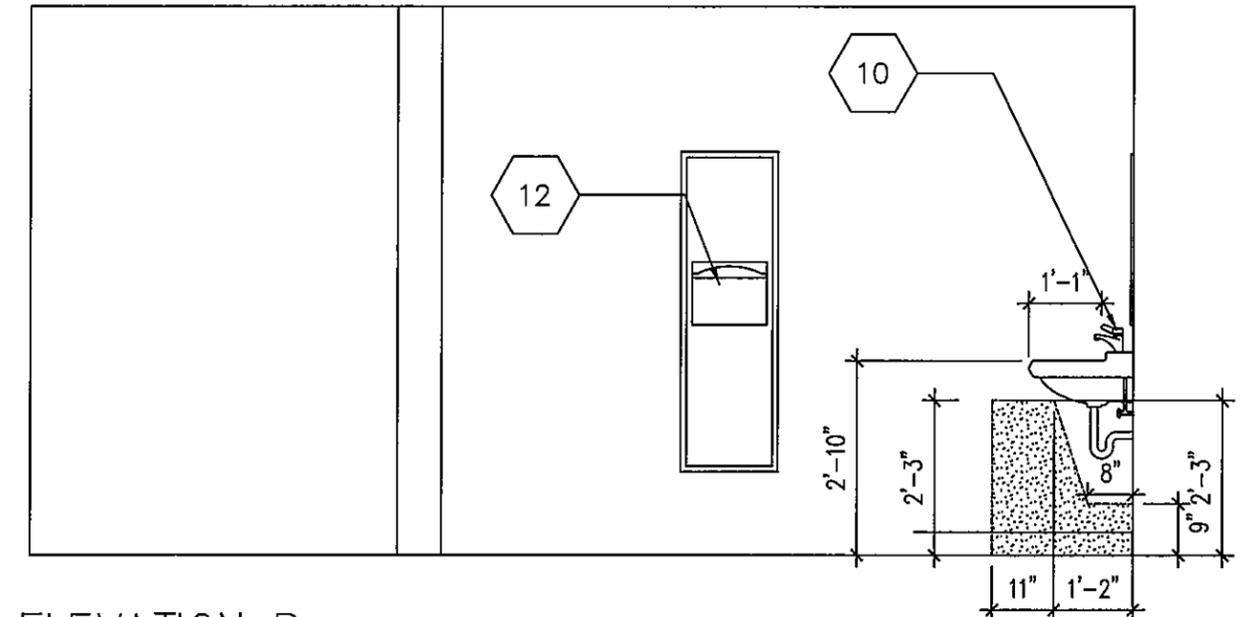
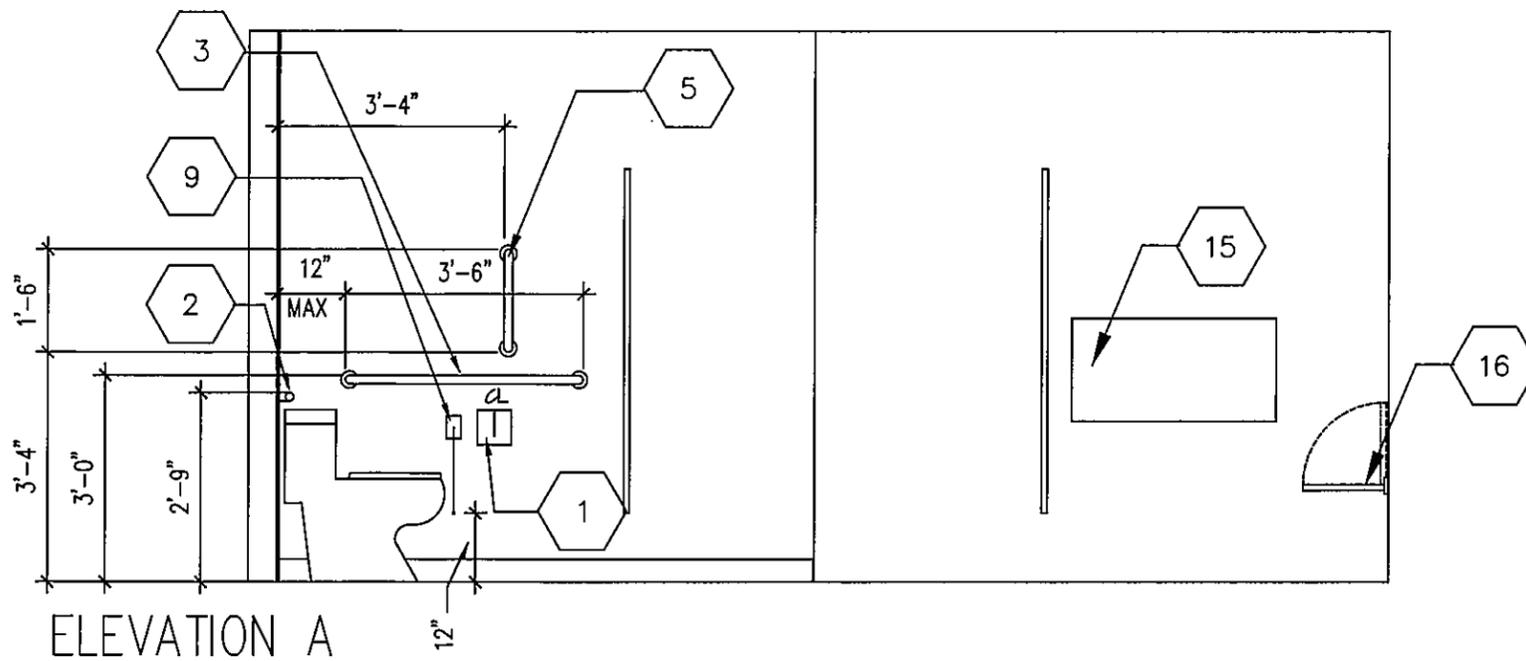
BOE STUDIO
architects
19 Tioga Street Torrington, CT 06790
e-mail: boestudio1@optimum.net
PHONE/ FAX 860-489-3771

SANDY BEACH BATHOUSE REMODEL
407 EAST SHORE ROAD
MORRIS, CONNECTICUT

DATE: 07-12-2016
SCALE: 3/16" = 1'-0"

A4





ELEVATION C

ELEVATION B

FIXTURE LEGEND:

- 1 TOILET PAPER DISPENSER: PROVIDED BY OWNER INSTALLED BY CONTRACTOR
- 2 BACK WALL HORIZONTAL GRAB BAR BOBRICK # B-6806.99x36 MOUNT AT HEIGHT TO ALLOW FOR MOUNTING OF SWING UP SIDE GRAB BAR
- 3 SIDE WALL HORIZONTAL GRAB BAR BOBRICK # B-6806.99x42 MOUNT AT HEIGHT TO ALLOW FOR MOUNTING OF SWING UP SIDE GRAB BAR
- 4 SWING-UP GRAB BAR: BOBRICK 4998.99 MOUNT WITH CENTER LINE OF BAR 35 1/4" AFF WHEN GRAB BAR IS PARALLEL TO FLOOR
- 5 SIDE WALL GRAB BAR VERTICAL: MOUNT AT 3'-3" AFF TO CENTERLINE OF BOTTOM BRACKET. BOBRICK # B-6806.99x18
- 6 ADA COMPLIANT UNISEX BATHROOM SIGN WITH BRAILLE LETTERING. MOUNT ADJACENT TO LATCH SIDE OF DOOR. BRAILLE LETTERING 48" AFF, AND 9" FROM LATCH SIDE OF DOOR TO CENTER OF BRAILLE LETTERING.
- 7 MIRROR: BOBRICK, B-165-1830, POLISHED PLATE GLASS. MOUNT MAX 40" AFF. VERIFY WITH OWNER HE MAY WISH TO PROVIDE MIRROR.

- 8 EXPOSED PIPES: WATER SUPPLY AND SANITARY SEWER DRAIN PIPES UNDER LAVATORY SHALL BE INSULATED. THERE SHALL BE NO ABRASIVE SURFACES UNDER LAVATORIES. REUSE EXISTING INSULATED COVERS IF POSSIBLE
- 9 CALL FOR AID SWITCH AND CHORD EXTEND TO WITHIN 6" OF FLOOR, WITH VISUAL AND AUDIBLE ALARM MOUNTED ABOVE EXTERIOR OF BATHROOM DOOR
- 10 LAVATORY: WALL HUNG ADA CERTIFIED LAVATORY AND ADA CERTIFIED FAUCET
- 11 TOILET: ADA CERTIFIED TOILET OPEN FRONT TOILET SEAT
- 12 PAPER TOWEL DISPENSER/TRASH RECEPTICAL SURFACE MOUNTED. PROVIDED BY OWNER INSTALLED BY CONTRACTOR.
- 13 STROBE WARNING LIGHT MOUNTED ABOVE DOOR
- 14 BOBRICK COAT HOOK B-6707
- 15 KOALA CHANGING STATION MODEL AHD107-01 GRAY
- 16 SIGNATURE HARDWARE FOLDING SEAT MODEL SKU 310049
- 17 SOAP DISPENSER PROVIDED BY OWNER INSTALLED BY CONTRACTOR

1 WOMENS TOILET/CHANGING ROOM 106
 A5 3/16" = 1'-0"

© boe studio architects 2016

BOE STUDIO
 architects
 19 Tioga Street Torrington, CT 06790
 e-mail: boestudio1@optimum.net
 PHONE/ FAX 860-489-3771

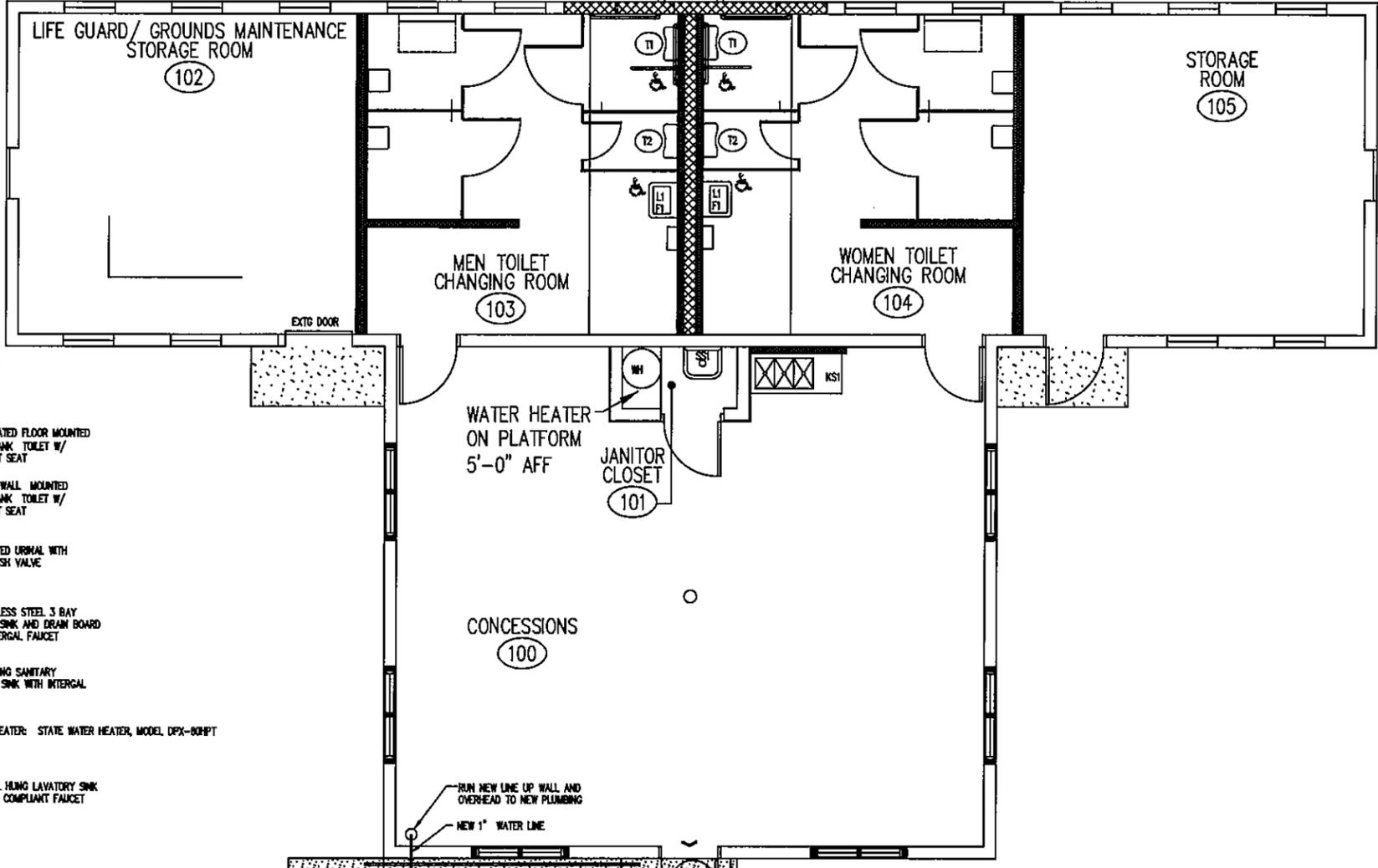
SANDY BEACH BATHOUSE REMODEL
 407 EAST SHORE ROAD
 MORRIS, CONNECTICUT

DATE: 07-12-2016
 SCALE: 3/16" = 1'-0"



A5

NEW 4" SANITARY SEWER LINE TO EXISTING GREASE TRAP TANK. FIELD CONFIRM DISTANCE PRIOR TO BIDDING PROJECT.



FIXTURE LEGEND

- T1 ADA ELONGATED FLOOR MOUNTED 2 PIECE TOILET W/ OPEN FRONT SEAT
- T2 ELONGATED WALL MOUNTED 2 PIECE TOILET W/ OPEN FRONT SEAT
- U1 WALL MOUNTED URINAL WITH MANUAL FLUSH VALVE
- KSI 5' STAINLESS STEEL 3 BAY KITCHEN SINK AND DRAIN BOARD WITH INTERGRAL FAUCET
- SS WALL HUNG SANITARY JANITOR SINK WITH INTERGRAL FAUCET
- WH WATER HEATER: STATE WATER HEATER, MODEL DPX-80HPT
- LI ADA WALL HUNG LAVATORY SINK WITH ADA COMPLIANT FAUCET

1 PLUMBING FLOOR PLAN
P1 1/8"=1'-0"

ALL WORK TO BE ACCORDING TO THE APPLICABLE BUILDING CODES AS ADOPTED BY THE STATE OF CONNECTICUT

- APPLICABLE CODES:
- THE STATE OF CONNECTICUT BUILDING CODE, 2005 CONNECTICUT SUPPLEMENT- OF THE 2003 INTERNATIONAL BUILDING CODE- 2009 AMENDMENT
 - SUPPLEMENT- OF THE 2003 INTERNATIONAL EXISTING BUILDING CODE- 2009 AMENDMENT
 - 2009 INTERNATIONAL ENERGY CONSERVATION CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2011 AMENDMENT
 - ICC/ANSI A117.1-2003 ACCESSIBLE AND USABLE BUILDING FACILITIES AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
 - 2003 INTERNATIONAL PLUMBING CODE
 - 2003 INTERNATIONAL PLUMBING CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
 - 2003 INTERNATIONAL MECHANICAL CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
 - 2011 NATIONAL ELECTRICAL CODE (NFPA-70) AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2013 AMENDMENT
 - STATE OF CONNECTICUT FIRE CODE 2005, AS AMENDED BY CONNECTICUT STATE FIRE CODE 2009 AMENDMENTS, 2012 AMENDMENTS.

SANITARY SEWER LINE FROM EXISTING BUILDING TO EXISTING GREASE TRAP TANK:

1. CONTRACTOR TO LOCATE EXISTING INLET TO GREASE TRAP TANK AND ESTABLISH DISTANCE TO EXISTING BUILDING WHERE PLUMBING ENTERS BUILDING.
2. CONTRACTOR TO ESTABLISH FINISH FLOOR HEIGHT AND GRADE DIFFERENCE TO INLET TO GREASE TRAP TANK.
3. ASSURE SLOPE IS ADEQUATE FROM BUILDING TO EXISTING GREASE TRAP TANK.
4. BASED UPON DISTANCE BETWEEN GREASE TRAP AND BUILDING ESTABLISH CLEAN OUT LOCATIONS.
5. ALONG ROUTE FROM BUILDING TO GREASE TRAP ALL BEND AND APPURTENANCES SHALL CONFORM TO ASTM D 3034. IN GENERAL 1/16 BENDS AND 1/8 BENDS WILL BE ALLOWED, HOWEVER 1/4 BENDS WILL NOT BE ALLOWED. CLEANOUTS, COMPRISED OF A SANITARY TEE, CLEANOUT ADAPTER, AND THREADED CLEANOUT PLUG SHALL BE INSTALLED AT EACH 1/8 BEND AND EVERY 75 LIMER FEET OF SEWER LATERAL.
6. 6" PVC PIPE FOR LATERAL SHALL CONFORM TO ASTM D3034, SDR 35, OR ASTM F789. RUBBER COMPRESSION GASKET BELL AND SPOUT OR SOLVENT WELDS SHALL BE USED.
7. ALL EXCAVATIONS SHALL BE MADE IN A MANNER TO SUCH WIDTHS AS WILL GIVE ROOM FOR PROPERLY INSTALLING AND INSPECTING THE PIPES OR STRUCTURES THAT ARE TO CONTAIN AND FOR SUCH SHEETING AND BRACING, PUMPING AND DRAINING AS BE NECESSARY AND TO CONFORM TO ANY APPLICABLE SAFETY STANDARDS. THE CONTRACTOR SHALL NOT USE EXCAVATING EQUIPMENT, WHICH REQUIRES THE TRENCH TO BE EXCAVATED TO AN EXCESSIVE WIDTH. THE WIDTH OF THE TRENCH FOR THE PIPE SHALL BE SUFFICIENT TO ALLOW THROUGH COMPACTING OF EARTH OR GRAVEL REFILL ADJACENT TO THE BOTTOM HALF OF THE PIPE. ENLARGEMENTS OF THE TRENCH SHALL BE MADE TO GIVE ADEQUATE SPACE FOR REQUIRED OPERATIONS AT THE PIPE JOINS. HAND EXCAVATION SHALL BE EMPLOYED WHENEVER IN THE OPINION OF THE CONTRACTOR IS NECESSARY TO PROTECT EXISTING STRUCTURES.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THE SEWER LATERAL PIPE MUST HAVE BEARING ON A 6" MINIMUM LAYER OF CRUSHED STONE OR SCREENED GRAVEL, THOROUGHLY COMPACTED FOR ITS ENTIRE LENGTH. SPECIAL CARE SHALL BE TAKEN TO EXCAVATE ACCURATELY TO GRADE. IF THE TRENCH IS OVER EXCAVATED, IT SHALL BE BROUGHT TO GRADE, BY FILLING WITH CRUSHED GRAVEL OR CRUSHED STONE IN COMPACTED LAYERS, EACH LAYER NOT TO EXCEED 6" IN THICKNESS.
8. TRENCH SAFETY: IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL APPLICABLE OSHA OPEN TRENCH SAFETY REGULATIONS ARE FOLLOWED. IT IS NOT THE TOWN OF LITCHFIELD'S RESPONSIBILITY TO INSPECT FOR COMPLIANCE.
9. GRAVEL OR CRUSHED STONE BEDDING: 3/4" PROCESS GRAVEL SHALL BE BLADED TO A DEPTH OF 6" UNDERNEATH THE LATERAL AND CARRIED UP THE TRENCH TO A POINT 12' ABOVE THE PIPE. ALL GRAVEL SHALL BE THOROUGHLY COMPACTED.
10. LAYING PIPE: WHEN THE PIPE HAS BEEN SATISFACTORILY AND JOINT MADE, THE RECESS UNDER THE BELL SHALL BE REFILED AND TAMPED ON EACH SIDE OF THE PIPE TO HOLD IT SECURELY IN PLACE, CARE BEING TAKEN NOT TO DISTURBE THE POSITION OF THE PIPE DURING THE PROCESS, IN SUCH A MANNER THAT THE BEARING IS DISTRIBUTED EVENLY OVER THE ENTIRE LENGTH OF THE PIPE.

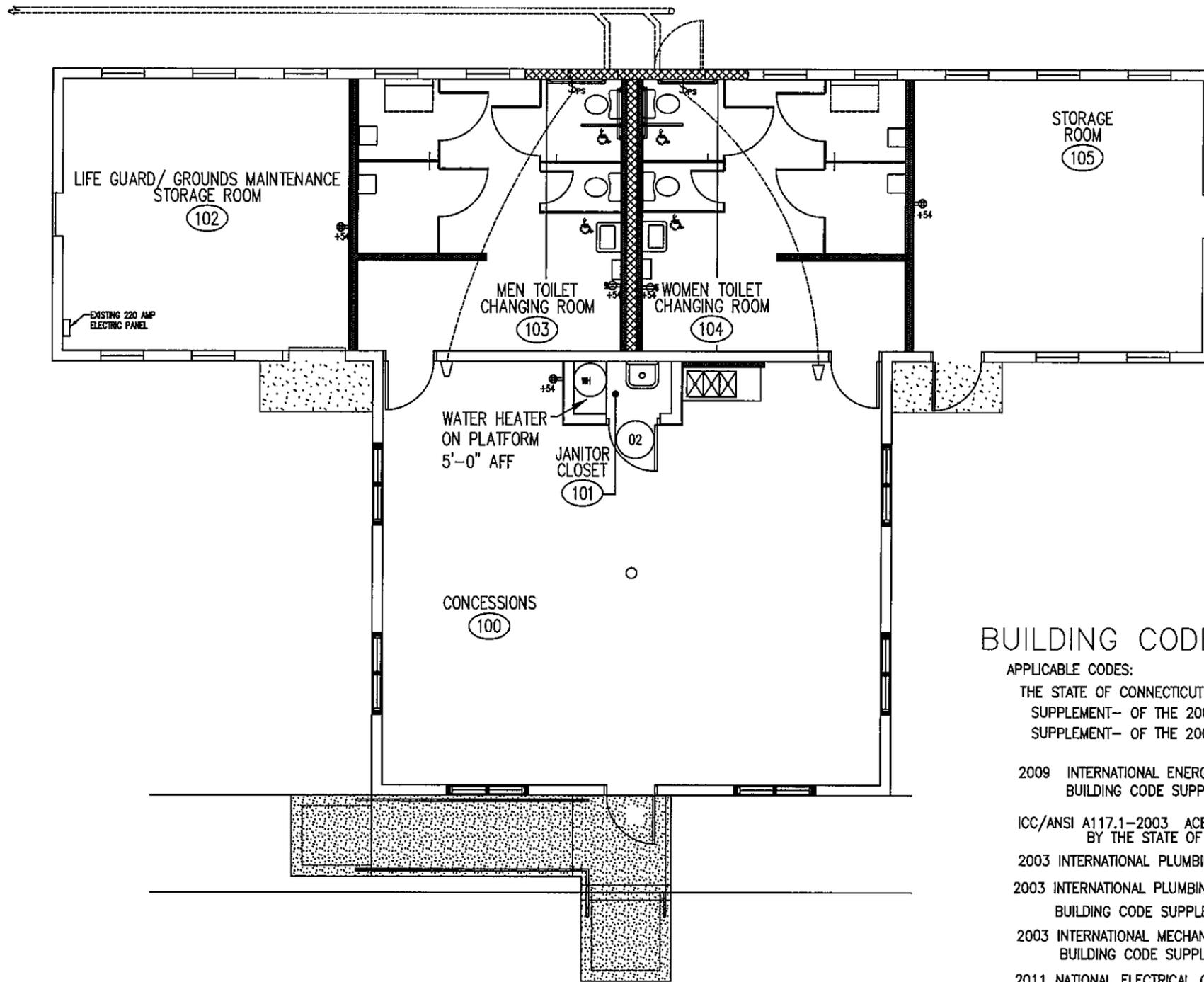
THE INTERIOR OF THE SEWER PIPE SHALL, AS THE WORK PROGRESSES, BE CLEANED OF ALL DIRT AND SUPERFLUOUS MATERIAL OF EVERY DESCRIPTION. THE EXPOSED END OF ALL PIPES SHALL BE PROVIDED WITH APPROVED TEMPORARY COVERS FITTED TO THE PIPE AS TO EXCLUDE WATER, EARTH, OTHER MATERIALS AND ANIMALS.

CARE SHALL BE TAKEN THAT THE PIPE IS LAID ACCURATELY, ACCORDING TO LINES AND GRADE TO REQUIRE PROPER DRAINAGE. BELLS SHALL BE LAID AHEAD, NO PIPE MAY BE BROUGHT INTO POSITION UNTIL THE PRECEDING LENGTH HAS BEEN BEDDED AND SECURED IN PLACE.

THE USE OF THE IN-PLACE PIPE TO DRAIN TRENCH WATER IS NOT PERMITTED.

THE MINIMUM GRADE FOR ALL SEWER LATERALS SHALL BE 1/4" PER FOOT.
11. JOINTING: ALL JOINTS SHALL BE THE RUBBER GASKET TYPE. BOTH BELL AND SPOUT SHALL BE CLEAN AND DRY AND LUBRICANTS, PRIMER, ADHESIVES, ETC., SHALL BE APPLIED AS RECOMMENDED BY THE PIPE OR JOINT MANUFACTURER'S SPECIFICATIONS BEFORE THE JOINT IS ASSEMBLED. JOINTS SHALL BE MADE IN A WORKMANLIKE MANNER FOLLOWING THE MANUFACTURER'S INSTRUCTIONS.
12. BACKFILL: BACKFILL FOR THE REMAINDER OF TRENCHES AND EXCAVATION SHALL BE APPROVED MATERIAL FREE FROM ORGANIC MATTER. NO LARGE STONES SHALL BE USED IN TRENCH UNTIL THERE IS AT LEAST 2" OF FILL OVER TOP OF PIPE. IN DEPOSITING STONE, CARE MUST BE TAKEN NOT TO DAMAGE THE PIPE. STONES, WHICH ARE USED IN BACKFILLING, SHALL BE DISTRIBUTED THROUGH THE MASS THAT ALL INTERSTICES ARE FILLED WITH FINE MATERIAL. BACKFILL SHALL BE DEPOSITED IN LAYERS AND SOLIDLY COMPACTED.
13. THE EXISTING SEPTIC GREASE TRAP TANK, SEPTIC HOLDING TANK, AND DRAIN FIELDS ARE NEW BUT HAVE NOT HAD THE BUILDING HOOKED UP TO THEM. REQUIRED PERMITS WILL BE REQUIRED FROM TORRINGTON AREA HEALTH. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND ASSOCIATED FEES.





SYMBOLS LEGEND

- ⌘ ADA BATHROOM PULL CHORD LIGHT SWITCH
- △ ADA BATHROOM HORN/STROBE
- ⊞ DUPLEX OUTLET WITH GROUND FAULT INTERRUPTOR
- ⊞ QUAD OUTLET
- WH STATE WATER HEATER MODEL: 80DHPT (ELECTRIC)

BUILDING CODE INFORMATION

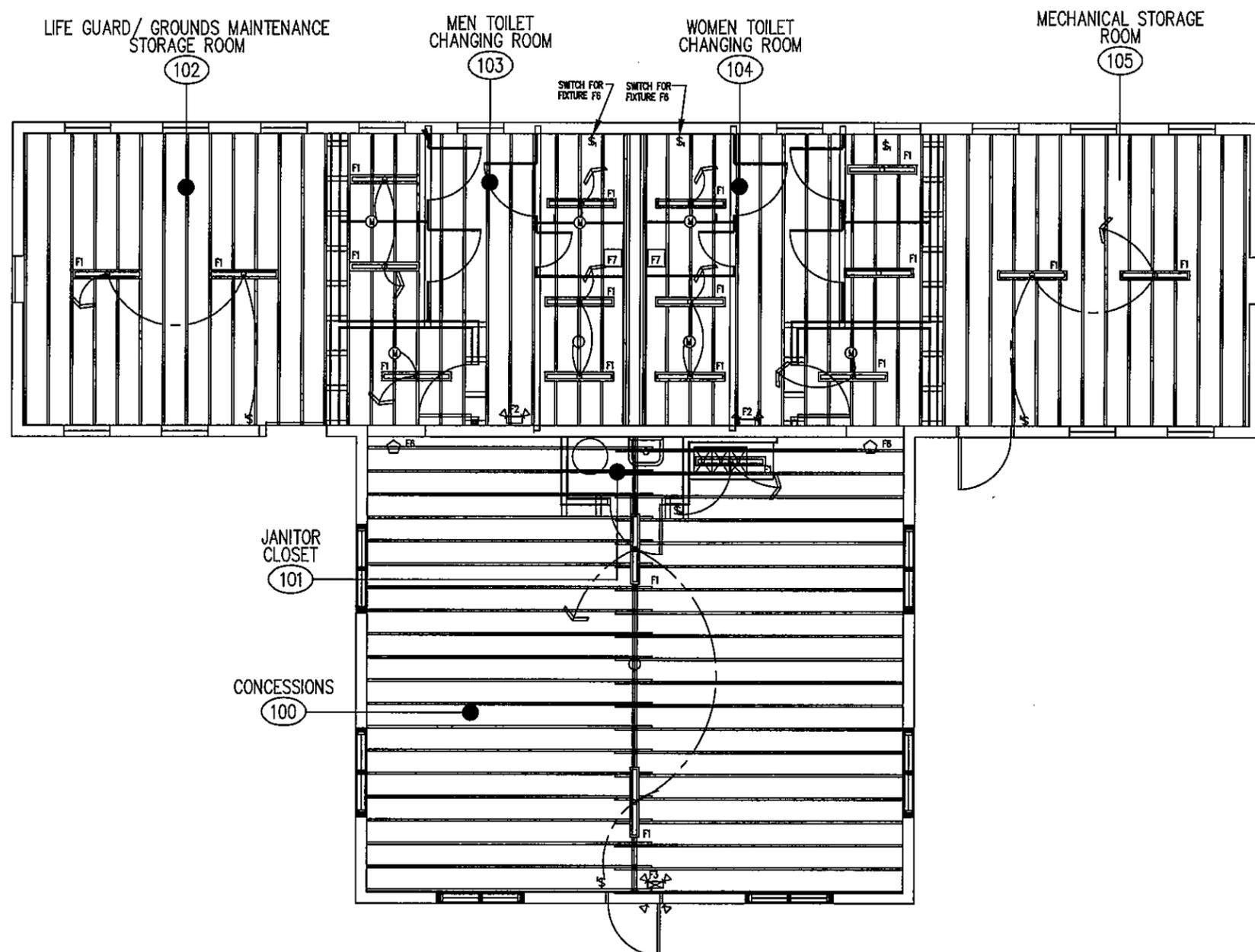
APPLICABLE CODES:

- THE STATE OF CONNECTICUT BUILDING CODE, 2005 CONNECTICUT SUPPLEMENT- OF THE 2003 INTERNATIONAL BUILDING CODE- 2009 AMENDMENT
- SUPPLEMENT- OF THE 2003 INTERNATIONAL EXISTING BUILDING CODE- 2009 AMENDMENT
- 2009 INTERNATIONAL ENERGY CONSERVATION CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2011 AMENDMENT
- ICC/ANSI A117.1-2003 ACCESSIBLE AND USABLE BUILDING FACILITIES AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
- 2003 INTERNATIONAL PLUMBING CODE
- 2003 INTERNATIONAL PLUMBING CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
- 2003 INTERNATIONAL MECHANICAL CODE AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2009 AMENDMENT
- 2011 NATIONAL ELECTRICAL CODE (NFPA-70) AS AMENDED BY THE STATE OF CONNECTICUT BUILDING CODE SUPPLEMENT- 2013 AMENDMENT
- STATE OF CONNECTICUT FIRE CODE 2005, AS AMENDED BY CONNECTICUT STATE FIRE CODE 2009 AMENDMENTS, 2012 AMENDMENTS.

1 POWER FLOOR PLAN
E1 1/8"=1'-0"



NORTH



FIXTURE LIST:

-  2 LAMP FLUORESCENT LIGHT FIXTURE
SURFACE MOUNTED: COOPER APW-GPW232, 4',
2 LAMP, T8, GENERAL
PURPOSE WRAP, 32 WATTS, UPC 080083622115
-  EMERGENCY LIGHT FIXTURE:
COOPER SERIES OC2, DUAL
VOLTAGE 120/277VAC, 60 HZ,
ISOLATION TRANSFORMER, 2 PAR36
TYPE LAMPS.
-  EXIT LIGHT/EMERGENCY LIGHT FIXTURE
-  EXIT LIGHT/EMERGENCY LIGHT FIXTURE W
REMOTE HEADS
EXIT LIGHT/EMERGENCY LIGHT FIXTURE LED
LAMPS DOUBLE HEADS,
RED LETTERING, DUAL VOLTAGE 120/277 VAC,
60 HZ
REMOTE HEADS COOPER 6V/1V WEATHERPROOF
PLASTIC HEADS,
2 PAR36 LAMPS, WHITE
-  EMERGENCY STROBE HORN LIGHT FIXTURE WITH
PULL CHORD SWITCH
EDWARDS SIGNALING 70078-HS
BUZZER/STROBE 11000, 120 V AC
-  BATHROOM EXHAUST FAN: PAMASONIC, WBSPER
GREEN SELECT 150 CFM, MODEL FV-11-15W1,
UPC: 885170 179974, 150 CFM, 11WATTS, 13 AMPS,
6" DUCT
-  SINGLE POLE LIGHT SWITCH
-  SINGLE POLE MOTION ACTIVATED LIGHT SWITCH
-  MOTION ACTIVED LIGHT SWITCH SENSOR

1 LIGHTING CEILING PLAN
E2 1/8"=1'-0"