Lower Bartlett Water Precinct

Administration Offices & Maintenance Garage

Woodland Pines Road - 1RT16 Lot # 172L00

Bartlett, New Hampshire

Owner's Representative
Project Administration
Lead Consultant

BERGERON TECHNICAL SERVICES LLC

P.O Box 241
North Conway, New Hampshire
(603) 356-0022

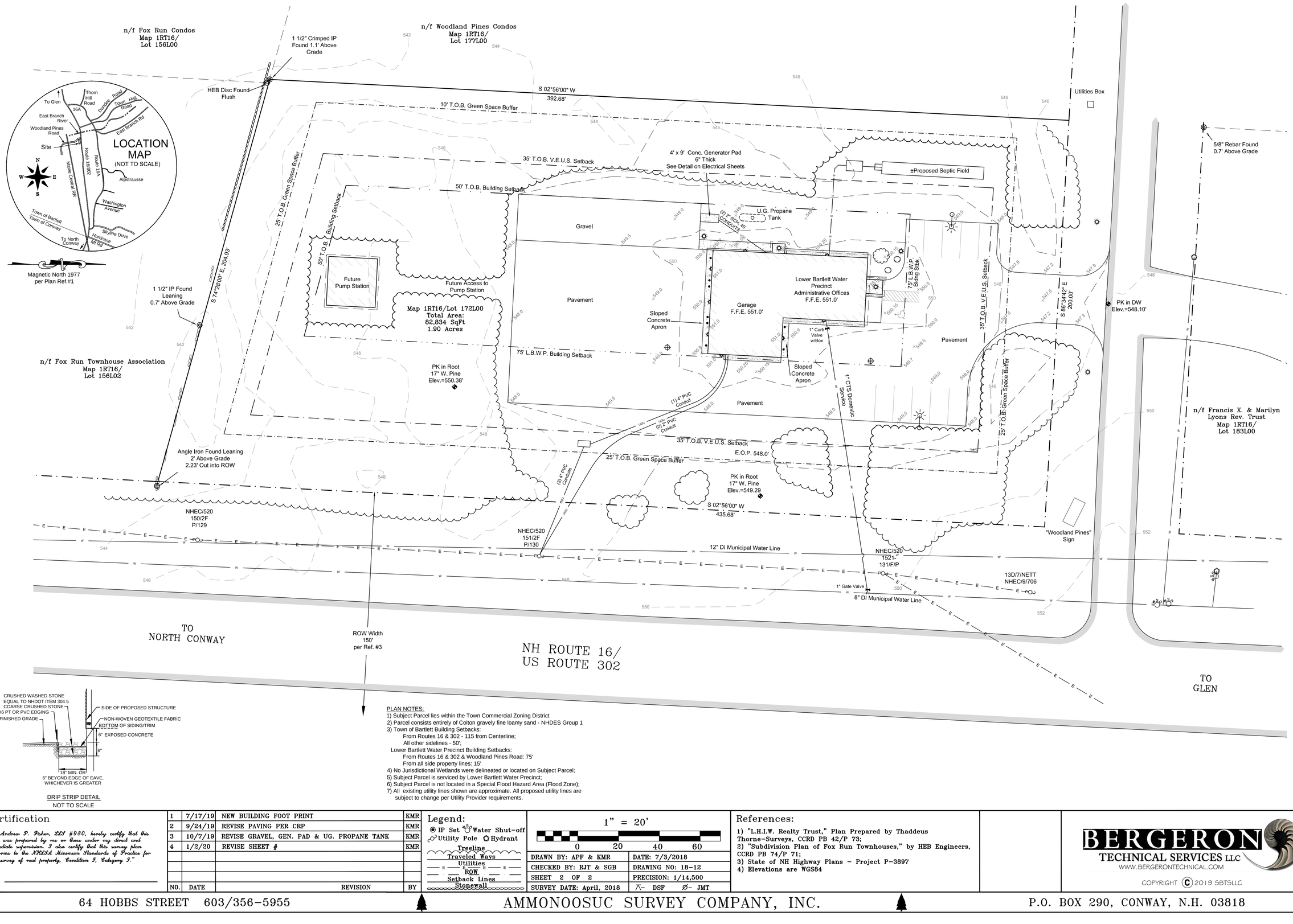
Building Design

CRP DESIGNS

CRP Designs
for
Gordon T. Burke & Sons
PO Box 497 North Conway, NH
03860 603-356-3964
www.gtbandsons.com

PLAN SET ISSUED 7 JANUARY 2020

SHEETS INCLUDED



DRIP STRIP DETAIL
NOT TO SCALE

PLAN NOTES:
1) Subject Parcel lies within the Town Commercial Zoning District
2) Parcel consists entirely of Colton gravely fine loamy sand - NHDES Group 1
3) Town of Bartlett Building Setbacks:
From Routes 16 & 302 - 115 from Centerline;
All other sidelines - 50';
Lower Bartlett Water Precinct Building Setbacks:
From Routes 16 & 302 & Woodland Pines Road: 75'
From all side property lines: 15'
4) No Jurisdictional Wetlands were delineated or located on Subject Parcel;
5) Subject Parcel is serviced by Lower Bartlett Water Precinct;
6) Subject Parcel is not located in a Special Flood Hazard Area (Flood Zone);
7) All existing utility lines shown are approximate. All proposed utility lines are subject to change per Utility Provider requirements.

Certification

"I, Andrew P. Fisher, LLS #980, hereby certify that this plan was prepared by me or those under my direct and immediate supervision; I also certify that this survey plan conforms to the NHLSA Minimum Standards of Practice for the survey of real property, Condition I, Category I."

NO.	DATE	REVISION	BY
1	7/17/19	NEW BUILDING FOOT PRINT	KMR
2	9/24/19	REVISE PAVING PER CRP	KMR
3	10/7/19	REVISE GRAVEL, GEN. PAD & UG. PROPANE TANK	KMR
4	1/2/20	REVISE SHEET #	KMR

Legend:
IP Set · Water Shut-off · Utility Pole · Hydrant
Treeline
Traveled Ways
Utilities
ROW
Setback Lines
Stonewall

1" = 20'
0 20 40 60

DRAWN BY: APF & KMR	DATE: 7/3/2018
CHECKED BY: RJT & SGB	DRAWING NO: 18-12
SHEET 2 OF 2	PRECISION: 1/14,500
SURVEY DATE: April, 2018	⏀- DSF Ø- JMT

References:
1) "L.H.I.W. Realty Trust," Plan Prepared by Thaddeus Thorne-Surveys, CCRD PB 42/P 73;
2) "Subdivision Plan of Fox Run Townhouses," by HEB Engineers, CCRD PB 74/P 71;
3) State of NH Highway Plans - Project P-3897
4) Elevations are WGS84

BERGERON
TECHNICAL SERVICES LLC
WWW.BERGERONTECHNICAL.COM

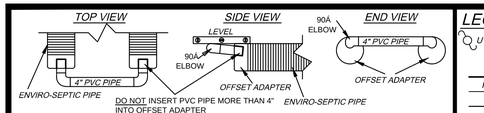
64 HOBBS STREET 603/356-5955
AMMONOOSUC SURVEY COMPANY, INC.
P.O. BOX 290, CONWAY, N.H. 03818

PROJECT DESIGN & MANAGEMENT SERVICES:
BERGERON TECHNICAL SERVICES
P.O. BOX 241
NORTH CONWAY NH 03860

PROJECT NAME:
Lower Bartlett Water Precinct
P.O. Box 315
Intervale, NH 03845
CCRD Bk. 3355/ P 213

SHEET TITLE:
PROPOSED SITE PLAN
Lower Bartlett Water Precinct
Administrative Offices & Garage
Town of Bartlett
Tax Map 1RT16/ Lot 172L00

DRAWN BY: APF/KMR
CHECKED BY: RJT/SGB
PLAN DATE: 29 AUG 2018



RAISED CONNECTION DETAIL (NOT TO SCALE)

LEGEND

- UTILITY POLE
- BENCHMARK
- EXISTING 2' CONTOURS
- BOUNDARY LINE
- PROPOSED PAVED PARKING
- TOWN BUILDING SETBACKS
- PROPOSED 2' CONTOUR
- WATER LINE

ENVIRO-SEPTIC PIPE ELEVATIONS

LINE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
TOP OF PIPE	545.0'	545.0'	545.0'												
BOTTOM OF PIPE	544.0'	544.0'	544.0'												

DESIGN INTENT

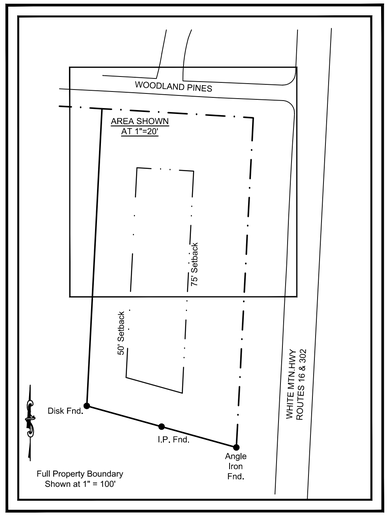
Bottom of individual sewage disposal system (ISDS) shall be constructed at 544.0' elevation; there is approx. 2.1' below original ground on the high contour (546.1') of the designed ISDS.

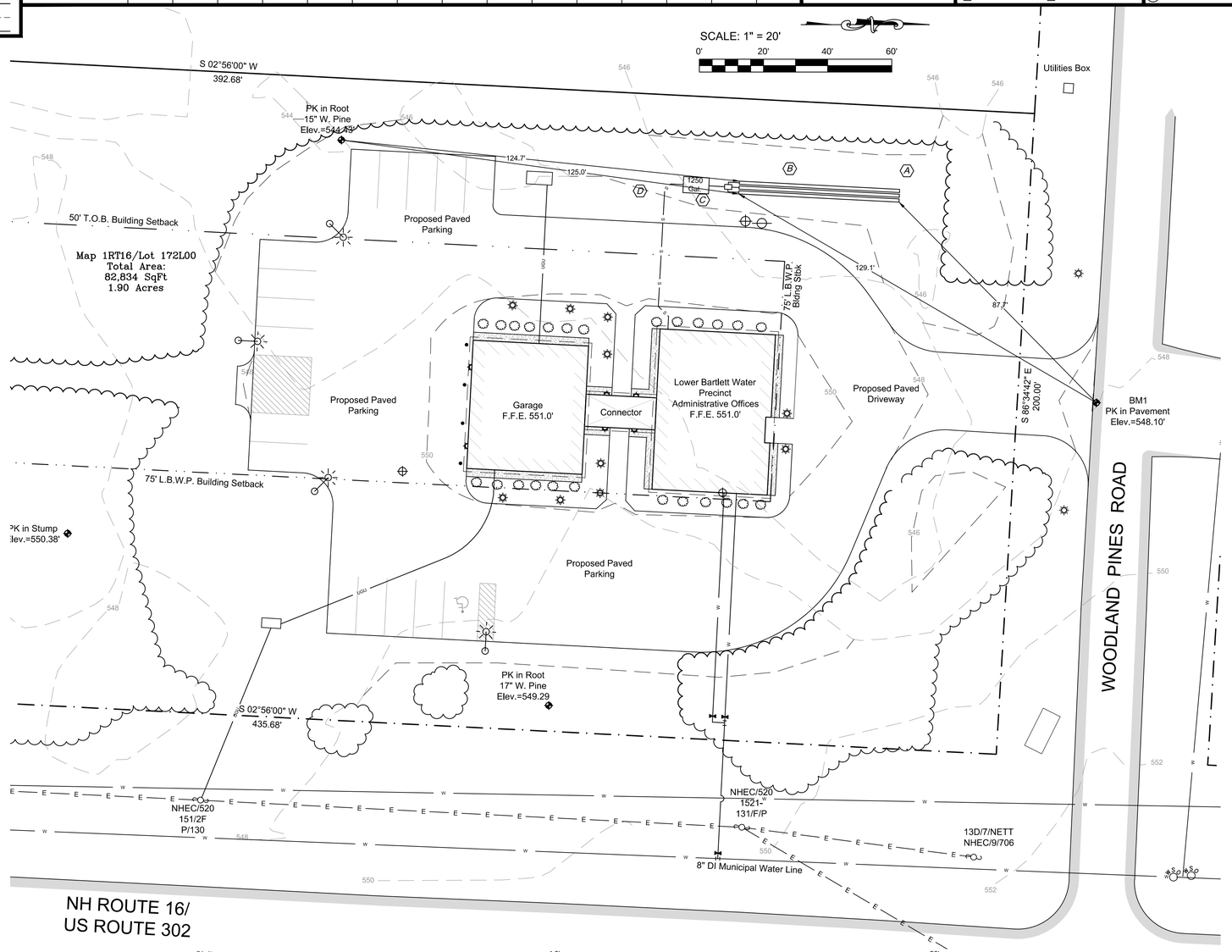
SPOT ELEVATIONS

A	546.5'	E	
B	546.1'	F	
C	546.2'	G	
D	544.7'	H	

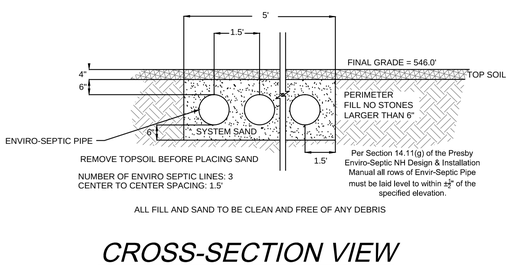
PIPE INDEX

- A 4" SCH 40 PVC
- B
- C
- D

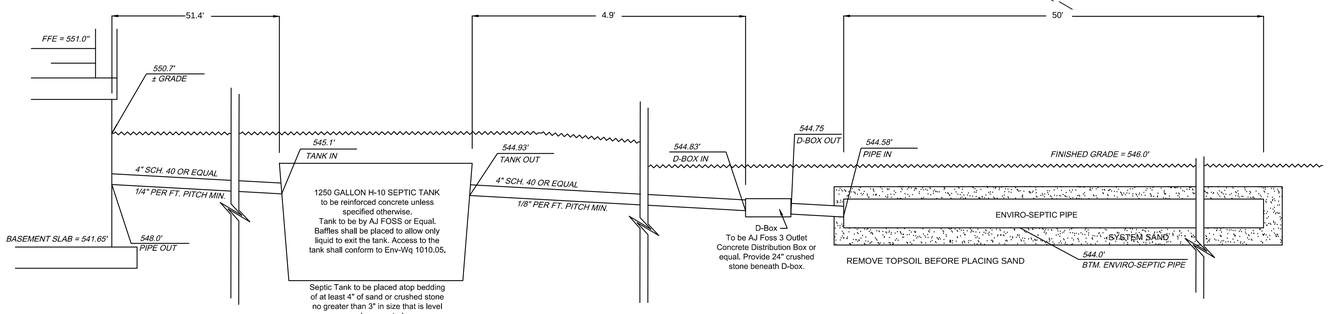




NOTES:
1. Proposed ISDS is a new system on a currently undeveloped parcel of land.
2. Proposed structure is a municipal office and garage.
3. Design Flow Calculation Per Env-Wq Table 1008.1:
   - Town Offices: 10 GPD per employee plus 5 GPD per transient
     - 6 employees @ 10 GPD: 60 GPD
     - 5 Transient @ 5 GPD: 25 GPD
   - Town Halls: 5 GPD per seat for total seating capacity
     - Total Seating Capacity of Meeting Room: 48 @ 5 GPD: 240 GPD
   - Total Proposed GPD: 325 GPD
4. The Project is not located within 250' of the Protected Shoreland.
5. No wetlands have been delineated in accordance with the techniques outlined in the "Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1", January 1987. Additionally, no hydric soils have been determined by using the "Field Indicators for Identifying Hydric Soils in New England, Volume 2", July 1998.
6. System sand as shown and identified on the section and cross section shall be as specified in the Presby Wastewater Treatment System NH Design and Installation Manual for Enviro-Septic Wastewater Treatment Systems, most recent version.
7. If failure of this system occurs system to be rebuilt in place.
8. Nearest surface water is greater than 75 feet away from the subsurface disposal system.

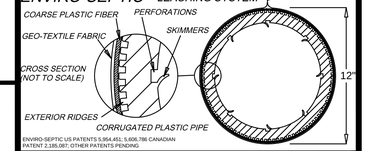


CROSS-SECTION VIEW
(NOT TO SCALE)



SECTION VIEW
(NOT TO SCALE)

ENVIRO-SEPTIC® LEACHING SYSTEM



ENVIRO-SEPTIC US PATENTS 5,904,482; 5,830,786 CANADIAN PATENT 2,185,087; OTHER PATENTS PENDING

NOTES

1) SYSTEM TO BE INSTALLED IN ACCORDANCE WITH PRODUCT DESIGN AND INSTALLATION MANUAL, STATE AND LOCAL REGULATIONS. FOR PRODUCT INFORMATION OR THE NEAREST DEALER CONTACT PRESBY ENVIRONMENTAL, INC. 143 AIRPORT ROAD, WHITEFIELD, NH 03598, PHONE 1-800-473-5298 WWW.PRESBYENVIRONMENTAL.COM

2) **MINIMUM OF 6" OF MEDIUM TO COARSE SAND, WITH LESS THAN 2% PASSING A # 200 SIEVE, REQUIRED AROUND CIRCUMFERENCE OF ENVIRO-SEPTIC PIPES. (SEE DESIGN AND INSTALLATION MANUAL FOR COMPLETE SAND AND FILL SPECIFICATIONS.)**

3) INSTALLER ADVISED TO CONTACT DIG SAFE PRIOR TO CONSTRUCTION.

4) DO NOT INSTALL SYSTEM ON FROZEN GROUND OR LEAVE SYSTEM UNCOVERED FOR EXTENDED PERIODS OF TIME.

5) NO DRAINS, HOT TUBS, SAUNAS, GARBAGE DISPOSALS ETC., SHALL BE INCORPORATED INTO THIS SYSTEM UNLESS OTHERWISE SPECIFIED.

6) **MAINTENANCE:** RECOMMEND INSPECTION OF SEPTIC TANKS AT LEAST ONCE EVERY TWO YEARS AND CLEAN IF COMBINED THICKNESS OF SLUDGE AND SCUM EQUALS MORE THAN 1/4 OF THE LIQUID DEPTH INSIDE THE TANK.

7) THIS DOCUMENT IS FOR THE CONSTRUCTION OF THE EFFLUENT DISPOSAL SYSTEM SHOWN. ANYONE USING INFORMATION FROM THIS DOCUMENT FOR ANY OTHER PURPOSE DOES SO AT THEIR OWN RISK.

8) SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH ENV-WS 1000. "APPROVAL FOR CONSTRUCTION" IS VALID FOR 4 YEARS FROM DATE OF ISSUE.

9) ENVIRO-SEPTIC WASTEWATER TREATMENT SYSTEMS ARE APPROVED BY NHDES AS ITA IN ACCORDANCE WITH PART ENV-WS 1024. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH THE ENVIRO-SEPTIC WASTEWATER TREATEMENT SYSTEMS DESIGN AND INSTALLATION MANUAL NEW HAMPSHIRE ATTACHMENT.

DESIGN CRITERIA

- LOADING: 325 Gallons/Day (See Note 3 for Design Flow Calc)
- PERCOLATION RATE: 2 MPI
- ENVIRO-SEPTIC PIPE REQUIRED: 137 LINEAR FEET
- ENVIRO-SEPTIC PIPE PROVIDED: 150 LINEAR FEET
- INSTALL (3) LINES OF ENVIRO-SEPTIC PIPE 50' LONG
- ENVIRO-SEPTIC PIPE CENTER-TO-CENTER SPACING: 1.5'

- SEPTIC TANK VOLUME REQUIRED: 1,250 GALLONS
- SEPTIC TANK VOLUME PROVIDED: 1,250 GALLONS

- NO PRODUCT SUBSTITUTIONS PERMITTED WITHOUT PRIOR APPROVAL OF DESIGNER.

SOIL INFORMATION

MAP SYMBOL AND NAME: CnA - Colton

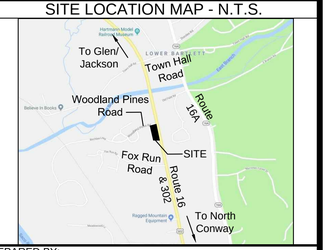
PERC. TEST: 2 MIN. / INCH DATE: 6/27/2018

TEST PIT: DATE: 6/27/2018

0-3"	Forest litter & sandy loam with organic matter	10YR 3/2
3-7"	Sandy loam, fine, loose, friable with many roots	7.5YR 4/6
7-18"	Very fine silty loam with few pebbles, blocky, very friable, many roots	10YR 4/4
18-30"	Sandy loam with many pebbles, granular, friable, some roots, few pebbles, few stones	10YR 6/6
30-60"	Fine sand with many pebbles, some stones few boulders, loose, very friable, some roots	2.5Y 5/4

Roots to: > 60" ESHWT at: None Observed
Water at: None Observed Ledge at: None Observed

SITE LOCATION MAP - N.T.S.



PREPARED BY:
BERGERON TECHNICAL SERVICES LLC
PO Box 241 - 290 East Side Road
North Conway, NH 03860
(603) 356-0022

EFFLUENT DISPOSAL SYSTEM DESIGN FOR:
Lower Bartlett Water Precinct
P.O. Box 315
Property Located at
Woodland Pines Road
Intervale, NH 03845
Tax Map 1RT16/ Lot 172L00
CCRD V 3355/P 213

DATE: AUG 27, 2018

DRAWN BY: KMR NH DESIGNER #1874

CHK'D BY: SGB | JOB NO. 2018-02

LOWER BARTLETT WATER PRECINCT
OFFICE ADMINISTRATION AND MAINTENANCE GARAGE
BUILDING & FIRE CODE REVIEW

INTERNATIONAL BUILDING CODE 2015

IBC Chapter 3: Use & Occupancy Classification

FIRST STORY USE GROUPS

OFFICE ADMIN (B)	1,209 ft²
MAINTENANCE GARAGE (S1)	1,757 ft²

SECOND STORY USE GROUPS

OFFICE ADMIN (B)	865 ft²
GARAGE MEZZANINE (S1)	507 ft²

IBC Chapter 5: Building Heights & Areas

Table 504.3	Construction Type:	V-B, Non-sprinklered
	Group B Height Limitation:	40 feet
	Group S1 Height Limitation:	40 feet
Table 504.4		
	Group B Max. No. Stories:	2 Stories
	Group S1 Max No.Stories:	1 Story
505.2	Mezzanines shall be considered a portion of the story below.	
505.2.1	The aggregate area of a mezzanine in a room shall not be more than one-third the floor area of the room in which the mezzanine is located.	
	507 / 1,757 = 28% floor area	
Table 506.2		
	Group B Area Limitation:	9,000 ft²
	Group S1 Area Limitation:	9,000 ft²
Table 508.4	Required Separation between B & S1 Occupancies: Not Required	

IBC Chapter 8: Interior Finishes

Table 803.11

Interior Finishes Minimum:	Interior Exits	Exit Access	Rooms
Group B, Nonsprinklered:	Class A	Class B	Class C
Group S1, Nonsprinklered:	Class B	Class B	Class C

IBC Chapter 9: Fire Protection Systems

903.2	Sprinkler protection not required in B Occupancies and S-1 Occupancies used for the storage of commercial vehicles with <5,000 ft² fire area and the fire area is < 3 stories.Sprinkler system not required, not provided.
907.2	Manual fire alarm system not required in Group B occupancies having an occupant load on all floors <500 and <100 above or below the lowest level of exit discharge. Manual fire alarm systems not required in Group S-1 occupancies. Manual fire alarm not required, to be provided.

IBC Chapter 10: Means of Egress

Table 1004.1.2 Design Occupant Load

** Note that non-occupiable areas, such as closets, stairs & mechanical areas have been removed from areas used to calculate occupant loads*

Grade Level Story **Total 30 Occupants**

Office/Admin (Group B) :	Business area (732/100)	8 Occupants
Conference Room (Group B):	Assembly, Unconcentrated (292/15)	20 Occupants
Maint. Garage (Group S-1):	Warehouses (835/500)	2 Occupants

Second Story **Total 7 Occupants**

Office/Admin (Group B) :	Business area (541/100)	6 Occupants
Maint. Garage (Group S-1):	Warehouses (431/500)	1 Occupant

Table 1006.2.1 Spaces with one Exit

Group B Max. number of occupants:	49
Group S Max. number of occupants:	29
Group B Max. Common Path of Travel:	100'
Group S Max. Common Path of Travel:	100'

Table 1006.3.1 Minimum number of exits per story: 2 exits per story required

Table 1006.3.2(2): Stories with one Exit Permitted, Group B: Max. 29 occupants and 75' Travel distance to Exit

1008.2	Emergency illumination of egress required
1010.1.1	Means of egress doors shall provide a minimum clear width of 32"
1011.2, Exc. 1	Stairways serving an occupant load of less than 50 shall have a minimum clear width of 36".
1011.5.2	Stair riser heights shall be 7" maximum and stair tread depths shall be 11" minimum.
1011.11	Stairways shall have handrails on each side.
1013.1	Exit signs required
1020.1, Exc. 4	Corridors in Group B occupancies requiring a single exit shall not be required to be fire-resistance rated
Table 1020.2	Required corridor width: 36"

Table 1017.2 Maximum Exit Access Travel Distance:

Group B, Nonsprinklered:	200'
Group S1, Nonsprinklered:	200'

1023.2	Interior exits stairs shall be enclosed and constructed as fire barriers with a fire-resistance rating of not less than 1 hour where connecting less than four stories.
1023.3	Interior exit stairs shall terminate at an exit discharge or public way.

Chapter 11: Accessibility

1104.4	At least one accessible route shall connect each accessible level in multilevel buildings.
	EXCEPTION: Accessible route is not required to stoies and mezzanines that have an aggregate area of note more that 3,000 sq. ft. and are located above and below accessible levels.
1104.5	Accessible routes shall coincide with or be located in the same area as a general circulation path.
1105.1	At least 60% of all public entrances shall be accessible.
1109.2	Each toilet room shall be accessible.
1109.4	Where kitchenettes are provided in accessible spaces or rooms,they shall be accessible.
1109.12.3	Where service counters are provided at least one shall be accessible.

INTERNATIONAL PLUMBING CODE 2015

Chapter 4: Fixtures

Fixture Requirements per Use Group IPC Table 403.1

	Water Closets	Lavatories	Drinking Fountain
B Use	1 per 25 for the first 50	1 per 40 for the first 40	1 per 100
S1 Use	1 per 100	1 per 100	1 per 1,000

Required Fixtrures	# Water Closets	# Lavatories
Group B // 34 Occupants	0.68(M)/0.68(F)	0.43(M)/0.43(F)
Group S1 // 3 Occupants	0.02(M)/0.02(F)	0.02(M)/0.02(F)
Total Required	0.7(M)/0.7(F)	0.45(M)/0.45(F)
Provided:	**1 (M) / 1 (F) / 1 (U)**	**1 (M) / 1 (F) / 1 (U)**

Required Drinking Fountains: 1

1 service sink required

Number of Fixtures Provided complies with IPC 2015

403.2 Separate facilities shall be provided for each sex.

INTERNATIONAL ENERGY CONSERVATION CODE 2015

Chapter 3 General Requirements

C301.1	Carroll County, NH is located within Climate Zone 6A
C303.1.2	Insulating materials shall be installed such that the manufacturer's R- value mark is readily observable upon inspection.
Table C402.1.3	Thermal Envelope Minimum Requirements
	Roofs, Metal Buildings: R-25 + R-11 Liner System
	Roofs, Attic: R-49
	Above Grade Walls, Metal Building: R-13 + R-13 continuous insulation
	Above Grade Walls, Wood Framed: R-20 + R-3.8 continuous insulation
	Unheated Slabs-on-grade Floors R-10 for 24" below
C402.5	A continuous air barrier shall be provided throughout the building thermal envelope and shall comply with Sections C402.5..1 through C402.5.8 or be tested in accordance with ASTM E 779.
C403.1	Mechanical systems shall comply with Section C403 of the IECC.
C404.1	Water heating shall comply with Section C404 of the IECC.
C405.2.1	Occupant Sensor Controls to control lighting are required in conference/meeting rooms, employee break rooms, private offices, restrooms, storage rooms, janitorial closets.

NFPA 101 LIFE SAFETY CODE 2015

Chapter 6: Classification of Occupancy and Hazard of Contents

6.1	Admin:	New Business
	Garage:	New Industrial - General Purpose
6.1.14.4	Building is a Multiple Separated Occupancy	
Table 6.1.14.4.1(a)	Required Separation of Occupancies	
	Business - Industrial Separation with out sprinkler protection: 2 hours	

Chapter 7: Means of Egress

7.1.6.2	Changes in elevation shall be limited to $\frac{3}{8}$", changes may be vertical up to $\frac{1}{4}$", but must be beveled at 1:2 slope between $\frac{1}{4}$" and $\frac{1}{2}$". Changes greater than $\frac{1}{2}$" shall be considered a change in level and must have a compliant ramp or set of stairs.
7.1.6.3	Walking surfaces with a slope greater than 1:20 shall be considered a ramp. No walking surface shall have a cross slope greater than 1:48 in a means of egress.
7.1.6.4	Walking surfaces shall be slip resistant.
7.2.1.2.3.2	Door openings in means of egress shall have a minimum clear width of 32".
7.2.1.4.2	Door openings serving 50 or more occupants shall swing in the direction of egress.
7.2.2.2.1.1(a)	New stair minimum dimensions:
	Minimum width of stairs: 36 inches
	Maximum riser height: 7 inches
	Minimum riser height: 4 inches
	Minimum tread depth: 11 inches
7.2.2.3.2.2	Stairs with landings shall have no decrease in width in the direction of egress.
7.2.2.3.4	Tread and landing slope shall not exceed $\frac{1}{4}$ inch per foot.
7.2.2.3.6.1	Variation in excess of $\frac{3}{16}$ inch in the depth of adjacent treads or the height of adjacent risers is prohibited.
7.2.2.3.6.2	The tolerance between the largest and smallest riser or the largest and smallest tread in a flight of stairs shall not exceed $\frac{3}{8}$ inch.
7.2.2.4.1.1	Stairs and ramps shall have handrails on both sides.
7.2.2.4.2	Guards and handrails shall be continuous for the full length of each flight of stairs. Handrails shall be continuous between flights and landings.
7.2.2.4.4.1	Handrails shall be mounted between 34 inches and 38 inches above the surface of the stair tread, measured to the top of the rail from the leading edge of the tread.
7.2.2.4.4.9	Handrails shall be returned to the wall or a newel post.
7.2.2.4.4.10	Handrails that are not continuous between flights shall extend horizontally, at the required height, not less than 12" beyond the top riser and continue to slope for a depth of not less than one tread beyond the bottom riser.
7.2.2.4.5.2	Guards shall not be less than 42 inches high, measured to the top of the guard from the surface adjacent thereto.
7.2.2.5.1.1	Inside stairs serving as an exit shall be enclosed with 1-hour rated construction.
Table 7.3.1.2	Occupant Load Factors

Grade Level Story **Total 37 Occupants**

Office/Admin :	Business Use (732/100)	8 Occupants
Conference Room :	Assembly, Less Concentrated (292/15)	20 Occupants
Maint. Garage:	General Industrial (835/100)	9 Occupants

Second Story **Total 6 Occupants**

Office/Admin :	Business Use (541/100)	6 Occupants
Maint. Garage Mezzanine:	Storage not in Storage or Mercantile	0 Occupants

Chapter 38: New Business

38.2.3.2	The clear width of any corridor serving an occupant load of less than 50 shall be not less than 36".
38.2.4.1	Not less than two separate exits shall be required from every story and not less than two exits shall be accessible from every part of every story.
38.2.4.2	Exit access shall be permitted to include a single exit access path for the distances permitted as common path of travel. (75')
	Admin Second Story exit access path distance = 44'-9"
38.2.5.2	Dead end corridors shall not exceed 20'.
	Max. dead end corridor (2nd story) = 18'-3"
38.2.5.3.1	Common path of travel shall not exceed 75' in buildings not protected throughout by an approved automatic sprinkler system in accordance with NFPA 13.
38.2.6.3	Travel distance shall not exceed 200' in business occupancies not protected throughout by an approved, supervised automatic sprinkler system in accordance with NFPA 13.
	Max. Travel Distance in Business Occupancy to Exit = 50' (First Story, Room 103 to Door 101A)
38.2.9.1	Emergency lighting not required for New Business
	Emergency lighting provided.
38.2.10.1	Marking of means of egress required.
38.3.3.2.1	Interior wall and ceiling finishes shall be Class A or B in exits and exit access corridors.
38.3.3.2.2	Interior wall and ceiling finishes shall be Class A, B or C in all other areas.
38.3.4.1	Fire alarm system not required. Fire alarm system provided.
38.3.5	Portable fire extinguishers required to be provided in accordance with NPFA 10.

Chapter 40: Industrial Occupancies

40.1.2.1.1	Garage is a General Industrial Occupancy
40.2.4.1.1	Not less that two means of egress shall be required from every story and section.
40.2.4.1.2	Exit access shall be permitted to include a single exit access path for the distances permitted as common path of travel. (50')
	Mezzanine exit access path distance = 38'
40.2.6.1	Travel distance shall not exceed 200' in general industrial occupancies not protected throughout by an approved, supervised automatic sprinkler system in accordance with NFPA 13.
40.2.9.1	Emergency lighting required.
	Emergency lighting provided
40.2.10	Marking of means of egress required.
40.3.3.2	Interior wall and ceiling finishes shall be Class A or B in exits enclosures and Class a, Class B or Class C elsewhere.
40.3.4.1	Fire alarm system not required. Fire alarm system provided.

BERGERON TECHNICAL SERVICES LLC
Bergeron Technical Services, LLC
PO Box 241 North Conway, NH 03860
603-356-0022 www.bergerontechnical.com

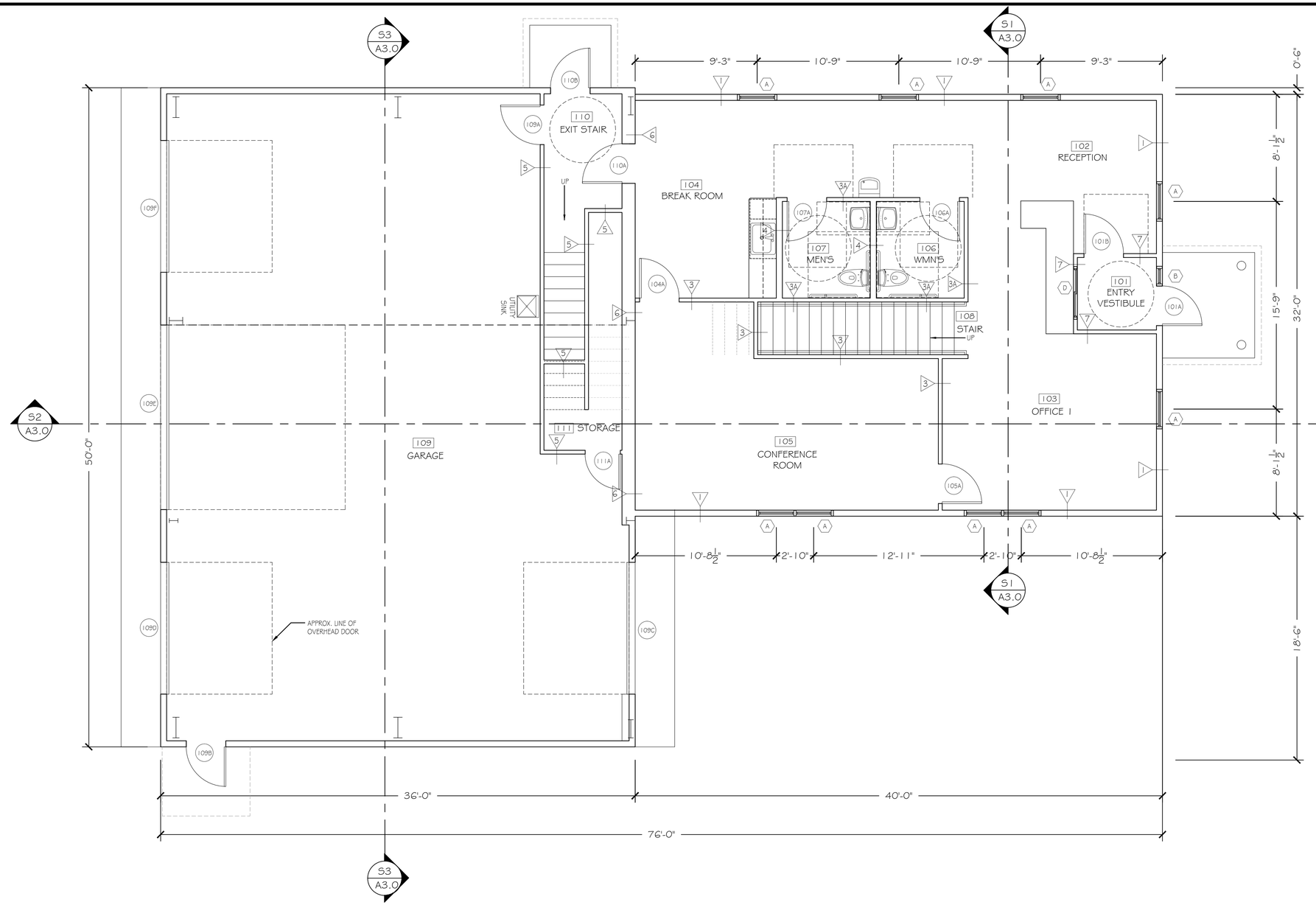
CRP DESIGNS
GORDON T. BURKE & SONS INC.
CRP Designs
for
Gordon T. Burke & Sons
PO Box 497 North Conway, NH
03860 603-356-3964
www.gtbandsons.com

CODE SHEET

LOWER BARTLETT WATER PRECINCT
LOWER BARTLETT, NEW HAMPSHIRE

PROJECT NUMBER	18-01
SCALE	As Noted
DATE	9-16-19
REV.	10-4-19
DRAWN BY	KR

C0.0

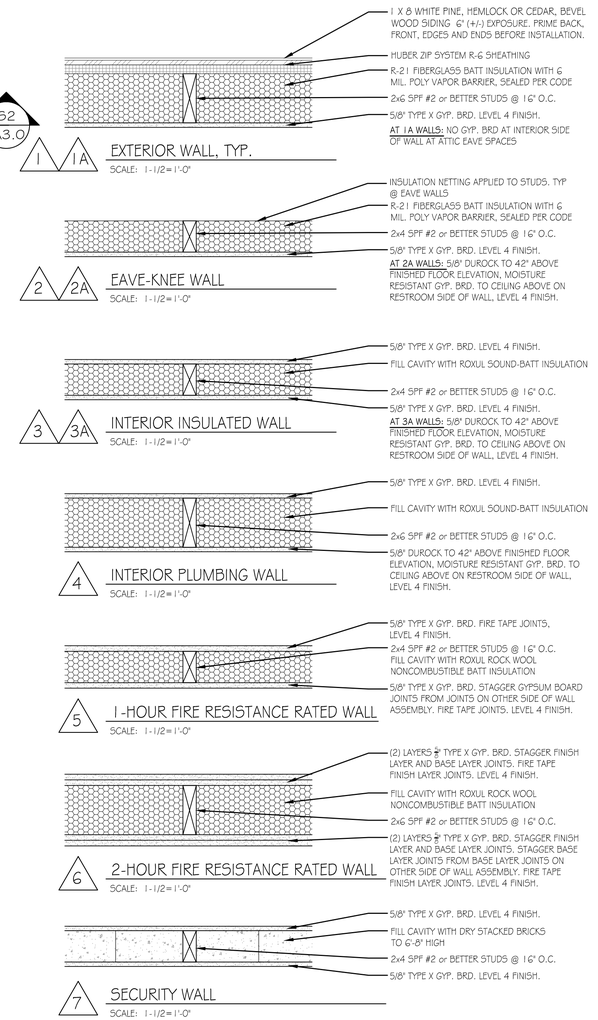


GENERAL DRAWING NOTES

1. THROUGH-FOUNDATION BOND OUTS or CORES WILL BE NECESSARY FOR:
   - DOMESTIC WATER SUPPLY
   - FIRE PROTECTION WATER SUPPLY - IF ANY
   - BUILDING DRAIN TO SEPTIC
   - MAIN ELECTRICAL AND COMMUNICATIONS TO GARAGE/EQUIPMENT BUILDING
   - GENERATOR CONDUCTORS & CONTROL WIRING TO & FROM GENERATOR
   - PARKING LOT & SITE LIGHTING AND POST-MOUNTED SIDEWALK LAMPS
   - SYSTEM "INTERCONNECTS" BETWEEN ADMINISTRATION BASEMENT AND GARAGE/EQUIPMENT BUILDING

CONCRETE NOTES:

1. ALL CONCRETE FOR FOUNDATIONS AND FOOTINGS SHALL BE ¾" AGGREGATE, 3,500 PSI @ 28-DAYS
2. ALL REINFORCING STEEL, IMBEDDED HARDWARE AND VAPOR BARRIER TO BE INSPECTED AND APPROVED BEFORE CONCRETE IS PLACED.
3. ALL CONCRETE SHALL BE PLACED AT A MAXIMUM SLUMP OF 4" MEASURED BEFORE ANY ADDITIVES
4. ANY PROPOSED CONCRETE ADDITIVES SHALL BE APPROVED BEFORE USE
5. ALL CONCRETE SLABS SHALL BE HARD-TROWELED FINISHED WITH JOINTS SAWN IMMEDIATELY AFTER TROWELING IS COMPLETE. CUTTING HOURS LATER OR THE NEXT DAY WILL NOT BE ACCEPTABLE.
6. AFTER JOINT CUTTING HAS BEEN COMPLETED, ALL SLABS SHALL BE SEALED WITH ONE COAT OF APPROVED CURING COMPOUND.
7. REINFORCING TO BE SUPPORTED ATOP LISTED PLASTIC OR METAL "CHAIRS". STONES, BRICK, ETC WILL NOT BE ACCEPTED.
8. OVERLAP ALL VAPOR BARRIER NO LESS THAN 6" AND TAPE SEAL ALL EDGES AND PENETRATIONS.



P1 S1.1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

BERGERON TECHNICAL SERVICES LLC
Bergeron Technical Services, LLC
PO Box 241 North Conway, NH 03860
603-356-0022 www.bergerontechnical.com

CRP DESIGNS
CRP Designs
for
Gordon T. Burke & Sons
PO Box 497 North Conway, NH
03860 603-356-3964
www.gtbandsons.com

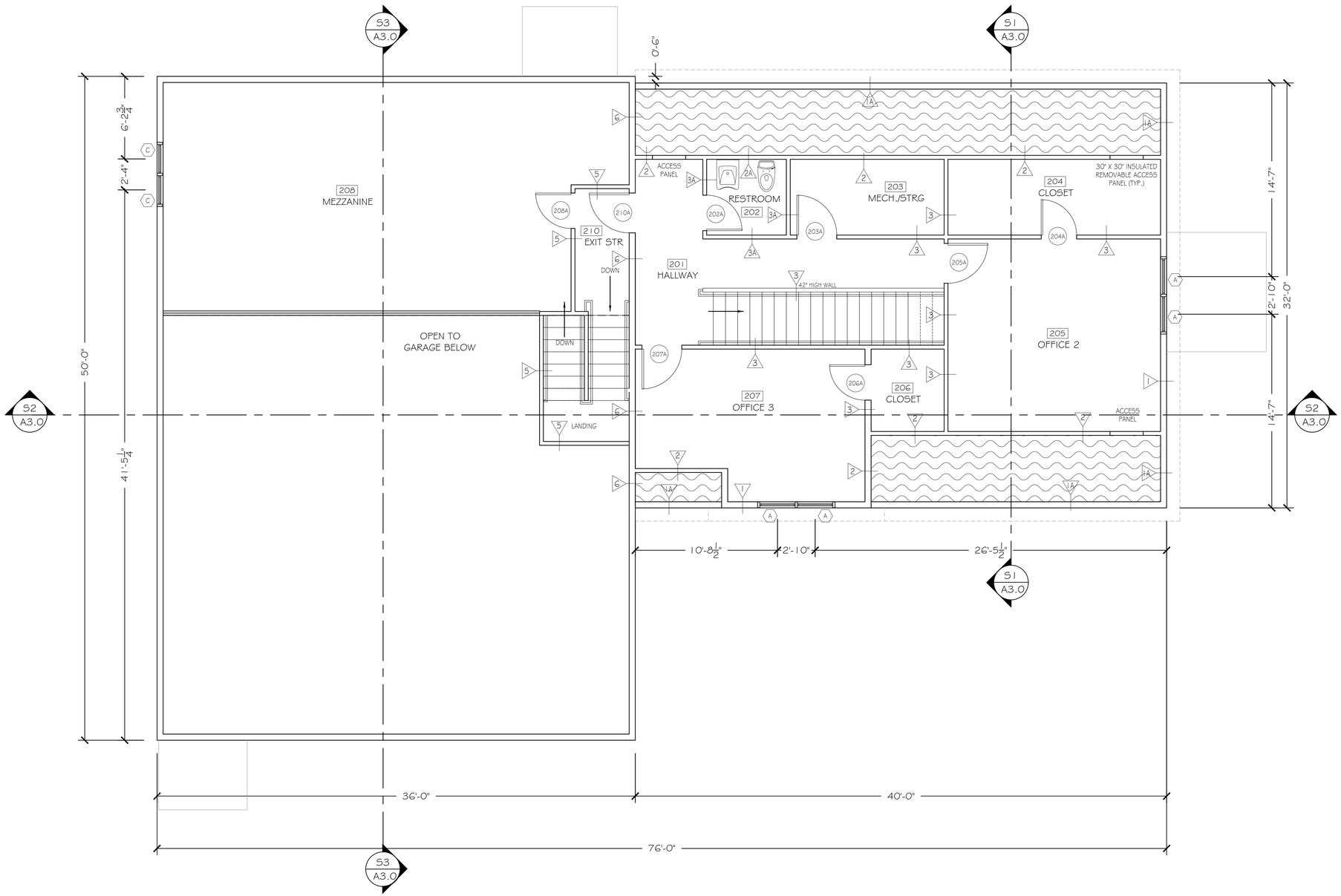
MAIN FLOOR PLAN

LOWER BARTLETT WATER PRECINCT

LOWER BARTLETT, NEW HAMPSHIRE

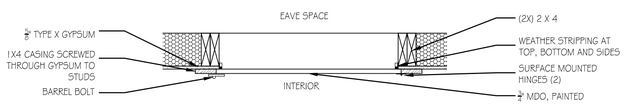
PROJECT NUMBER	18-01
SCALE	As Noted
DATE	7-18-19
REV.	1-7-20
DRAWN BY	KR

A1.1



P1 A1.2 SECOND FLOOR PLAN

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



D1 A1.2 ACCESS PANEL DETAIL

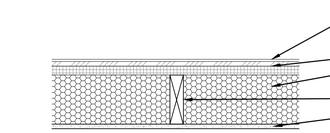
SCALE: 1" = 1'-0"

GENERAL DRAWING NOTES

1. THROUGH-FOUNDATION BOND OUTS or CORES WILL BE NECESSARY FOR:
   - DOMESTIC WATER SUPPLY
   - FIRE PROTECTION WATER SUPPLY - IF ANY
   - BUILDING DRAIN TO SEPTIC
   - MAIN ELECTRICAL AND COMMUNICATIONS TO GARAGE/EQUIPMENT BUILDING
   - GENERATOR CONDUCTORS & CONTROL WIRING TO & FROM GENERATOR
   - PARKING LOT & SITE LIGHTING AND POST-MOUNTED SIDEWALK LAMPS
   - SYSTEM "INTERCONNECTS" BETWEEN ADMINISTRATION BASEMENT AND GARAGE/EQUIPMENT BUILDING

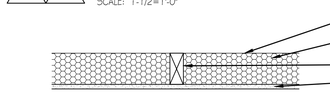
CONCRETE NOTES:

1. ALL CONCRETE FOR FOUNDATIONS AND FOOTINGS SHALL BE 3/4" AGGREGATE, 3,500 PSI @ 28-DAYS
2. ALL REINFORCING STEEL, IMBEDDED HARDWARE AND VAPOR BARRIER TO BE INSPECTED AND APPROVED BEFORE CONCRETE IS PLACED.
3. ALL CONCRETE SHALL BE PLACED AT A MAXIMUM SLUMP OF 4" MEASURED BEFORE ANY ADDITIVES
4. ANY PROPOSED CONCRETE ADDITIVES SHALL BE APPROVED BEFORE USE
5. ALL CONCRETE SLABS SHALL BE HARD-TROWELED FINISHED WITH JOINTS SAWN IMMEDIATELY AFTER TROWELING IS COMPLETE. CUTTING HOURS LATER OR THE NEXT DAY WILL NOT BE ACCEPTABLE.
6. AFTER JOINT CUTTING HAS BEEN COMPLETED, ALL SLABS SHALL BE SEALED WITH ONE COAT OF APPROVED CURING COMPOUND.
7. REINFORCING TO BE SUPPORTED ATOP LISTED PLASTIC OR METAL "CHAIRS". STONES, BRICK, ETC WILL NOT BE ACCEPTED.
8. OVERLAP ALL VAPOR BARRIER NO LESS THAN 6" AND TAPE SEAL ALL EDGES AND PENETRATIONS.



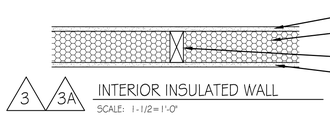
1 1A EXTERIOR WALL, TYP.

SCALE: 1-1/2"=1'-0"



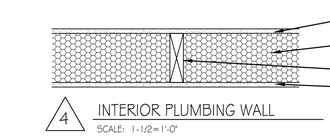
2 2A EAVE-KNEE WALL

SCALE: 1-1/2"=1'-0"



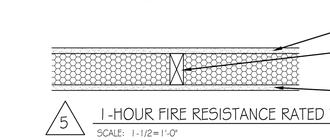
3 3A INTERIOR INSULATED WALL

SCALE: 1-1/2"=1'-0"



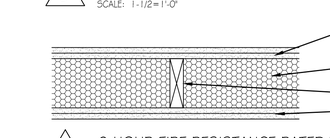
4 INTERIOR PLUMBING WALL

SCALE: 1-1/2"=1'-0"



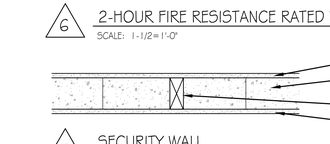
5 1-HOUR FIRE RESISTANCE RATED WALL

SCALE: 1-1/2"=1'-0"



6 2-HOUR FIRE RESISTANCE RATED WALL

SCALE: 1-1/2"=1'-0"



7 SECURITY WALL

SCALE: 1-1/2"=1'-0"

BERGERON TECHNICAL SERVICES LLC
Bergeron Technical Services, LLC
PO Box 241 North Conway, NH 03860
603-356-0022 www.bergerontechnical.com

CRP DESIGNS
CRP Designs
for
Gordon T. Burke & Sons
PO Box 497 North Conway, NH
03860 603-356-3964
www.gtbandsons.com

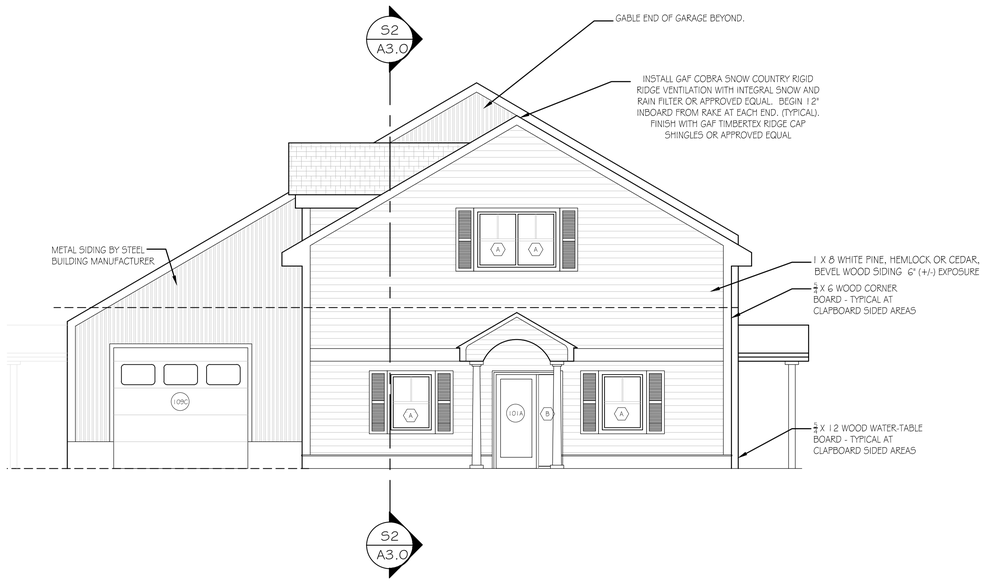
SECOND FLOOR PLAN

LOWER BARTLETT WATER PRECINCT

LOWER BARTLETT, NEW HAMPSHIRE

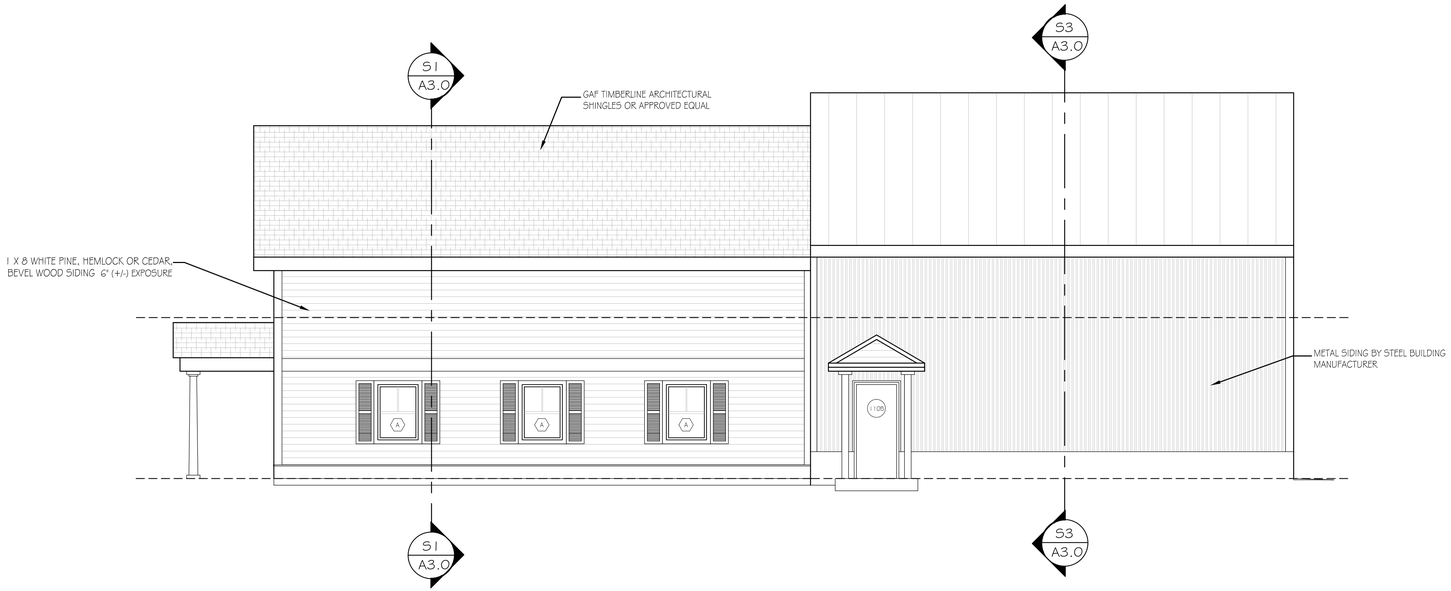
PROJECT NUMBER	18-01
SCALE	As Noted
DATE	7-18-19
REV.	1-7-20
DRAWN BY	KR

A1.2



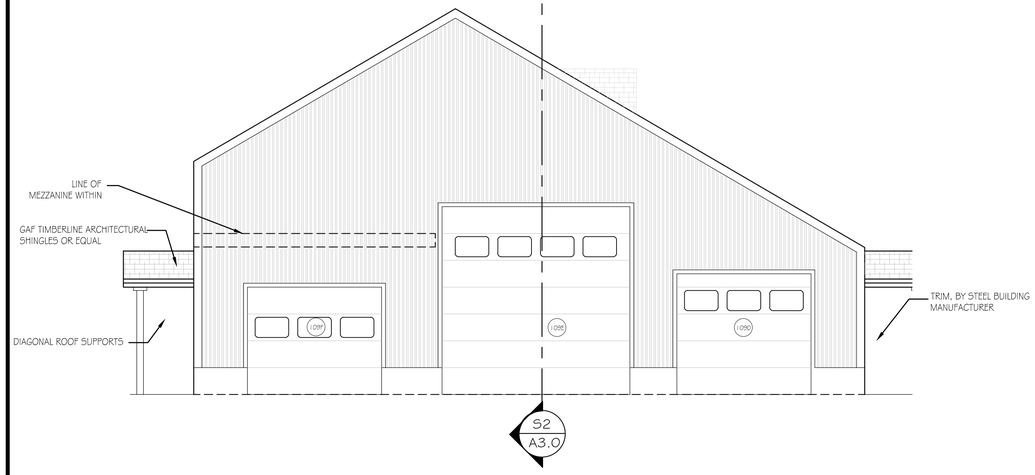
E1 A2.1 NORTH ELEVATION

SCALE: 3/16" = 1'- 0"



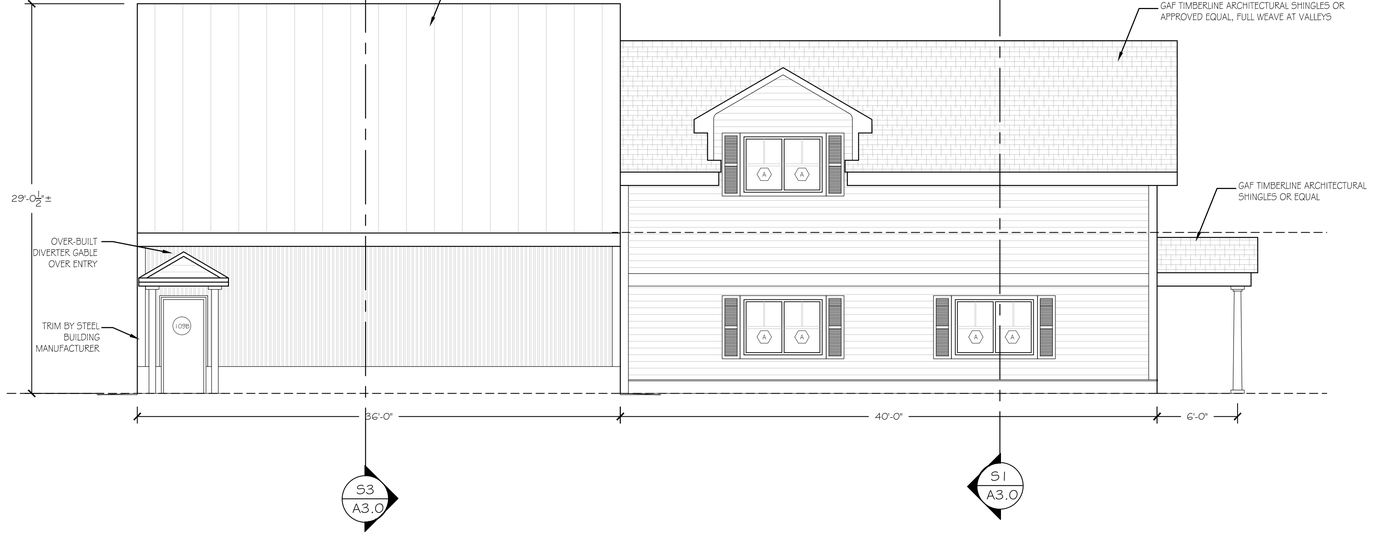
E2 A2.1 WEST ELEVATION

SCALE: 3/16" = 1'- 0"



E3 A2.1 SOUTH ELEVATION

SCALE: 3/16" = 1'- 0"



E4 A2.1 EAST ELEVATION

SCALE: 3/16" = 1'- 0"

BERGERON TECHNICAL SERVICES LLC

Bergeron Technical Services, LLC
PO Box 241 North Conway , NH 03860
603-356-0022 www.bergerontechnical.com

CRP DESIGNS

GORDON T. BURKE & SONS INC. general contractors

CRP Designs
for
Gordon T. Burke & Sons
PO Box 497 North Conway, NH
03860 603-356-3964
www.gtbandsons.com

ELEVATIONS

LOWER BARTLETT WATER PRECINCT

LOWER BARTLETT, NEW HAMPSHIRE

PROJECT NUMBER	18-01
SCALE	As Noted
DATE	7-18-19
REV.	1-3-20
DRAWN BY	KR

A2.1