

Bid Package Addenda #1:

Issued April 21st 2017

Municipal Garage Project
Town of Glover Vermont
April 21, 2017

Clarifications:

1. Performance Bond or Bid Bond are not required for submission of bid.
2. There are (8) eight exterior bollards and (8) interior bollards shown on the plans. The exterior bollards shall be constructed per civil detail 5/C102. The interior bollards shall be constructed per Division 5 of the Specifications.
3. Soils testing and inspections shall be by Owner.
Concrete Slump and Compression testing shall be by Contractor.
4. The 1000 gallon underground propane tank to be located at the NW corner of the building – just north and aligned with the water oil separator. See SK4.1
5. Infrared heater make and model. This is a design-build item – please submit cut-sheet of units sized for the application. Acceptable makes include Re-verb-ray, Sunstar, or equal. Direct Vent Heaters shall be Rinnai or equal.
6. Plumbing drawings provided for design intent only. Plumbing shall be installed on a design build basis with the selected plumbing contractor providing the required design, engineering, permitting, and installation to meet applicable codes including required venting and components shown or not shown on the drawings. See SK2.1
7. Please see attached Bid Form. Please prepare Bid on the attached form.
8. Work Bay Drain: Install Zurn Z512-Y deep sump heavy duty drain with bucket or approved equal – See cut sheet
9. Overhead Doors: Provide high lift door with push spring, 2” track, and side mount electric jackshaft operators.
10. General Contractor to coordinate door operators and infrared heater installation to avoid conflicts. Provide shop drawings as needed. Note there are no ceiling lights within the door travel distance.
11. Install new pressure tank and well control panel in the New Garage.
12. No ceiling mounted fans in the scope.
13. No under slab Vapor Barrier in the scope.

14. Please provide a manual transfer switch and exterior plug for the Town's portable generator. Coordinate plug style with existing generator.
15. Permit for Construction. See attached Wastewater permit for the project. Demolition and Construction Permits are pending with a target approval date of May 15th. Any legitimate changes in project scope due to "conditions of the permit" will be resolved thru Change Order. It remains the General Contractors responsibility to meet code and permit requirements for the scope that is Bid.
16. Exterior Trim: All exterior siding trims, corners and closures to be compatible with, the same material as, and the same color as the steel siding. Soffits shall be vinyl. Eaves, Facias, and Rake trim shall be wrapped with coated aluminum brake metal or approved equal.
17. Drawing Number **3/C103** Holding Tank: Roth Global Plastics RMT-1000E or eq.

Changes in Scope:

1. Code review requires a 2-hr separation between the enclosed office areas and the open garage. Please install 2-hr wall assembly and 2-hr Floor/Ceiling Assembly per attached SK1.1,SK1.2 and SK1.3
2. Eliminate Specification Division 16 Electrical, Work Included, #14 Security System. No Security System required for this project.
3. Contractor shall be responsible for on-site Power and Phone/Data service from the Meter Base to the old building and to the new building. Provide 200 amp service to a new main service panel to be located in the Old Garage. Supply new 100 amp sub-service to the Old Garage Panel. Supply new 200 am sub-service to the New Garage new panel. General Contractor shall be responsible for any temporary power required for construction and to keep the Old Garage operational thru construction. General Contractor to keep power disruptions to the minimum with Town notice for any scheduled disruptions. The New power pole location flagged at site. See SK5.1
4. Eliminate Diesel fuel slab, shed, and electrical power supply. To be provided by Owner. See SK3.1

Issued by: James Coe – Project Architect

Bid Form

Project:

Town Garage
1590 Dry Pond Road
Glover Vermont 05839

Owner:

Town of Glover
51 Bean Hill Rd
Glover VT 05839
Contact: Jack Sumberg
802-525-4277; jsumberggloverselectboard@comcast.net

Submitting General Contractor:

Address:
Primary Contact:
Phone:
Email:

Exclusions or Special Conditions:

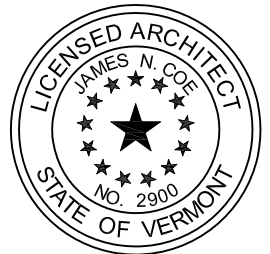
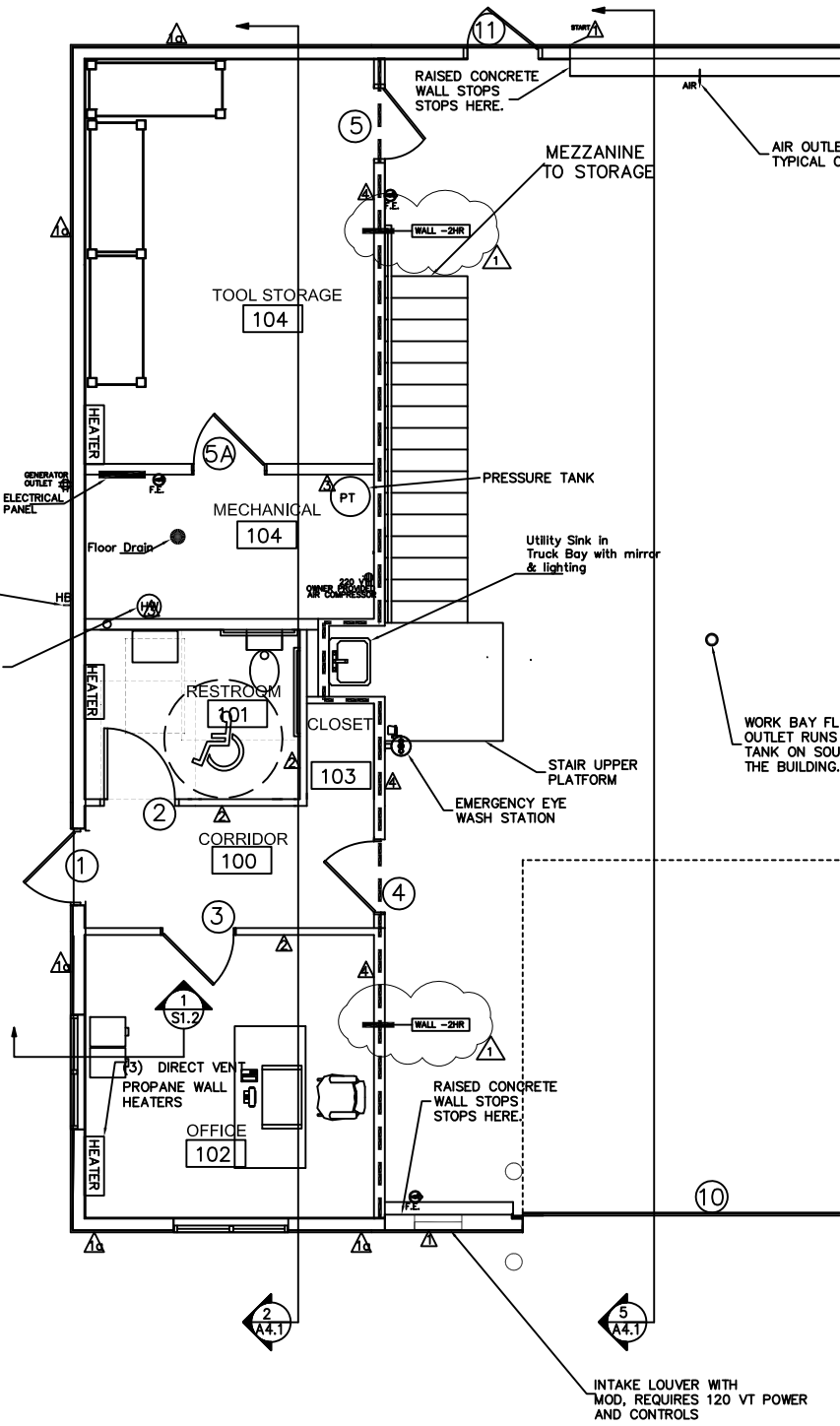
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Please attach Contractor's Qualification Statement and additional material

Submitting General Contractor _____

Division	Construction	Base Bid	% of Total	Bid Alt #1	Bid Alt #2
1	General Requirements				
2	Site Construction				
3	Concrete				
4	Masonry				
5	Metals				
6	Wood and Plastics				
7	Thermal and Moisture Protection				
8	Doors and Windows				
9	Finishes				
10	Specialties				
11	Equipment				
12	Furnishings				
13	Special Construction				
14	Conveying Systems	N/A			
15	Mechanical / Plumbing				
16	Electrical				
	Other				
	Sub Total				
	Contingency				
	Overhead & Profit				
	Bid Total		100%		

Signed by: _____ **Date:** _____



ARCHITECT
 JAMES COE
 2342 ANDERSONVILLE ROAD
 WEST GLOVER, VT 05875
 802.673.4184
 JAMES.N.COE@GMAIL.COM

PROJECT NUMBER:
 2017-01

REV.	STATUS	DATE
	BID SET	4/11/17
△	BID REVISIONS	4/20/17

OWNER
 TOWN OF GLOVER
 51 BEAN HILL ROAD
 GLOVER VT 05839
 802.525.6227

PROJECT:
 GLOVER MUNICIPAL GARAGE
 1590 DRY POND ROAD
 GLOVER VT 05839
 802-525-4025

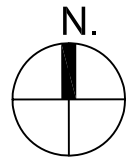
DRAWN BY:
 JC
 CHECKED BY:
 JC

REFER TO:
 A1.1

1

FLOOR PLAN

1/8" = 1'-0"



SK1.1



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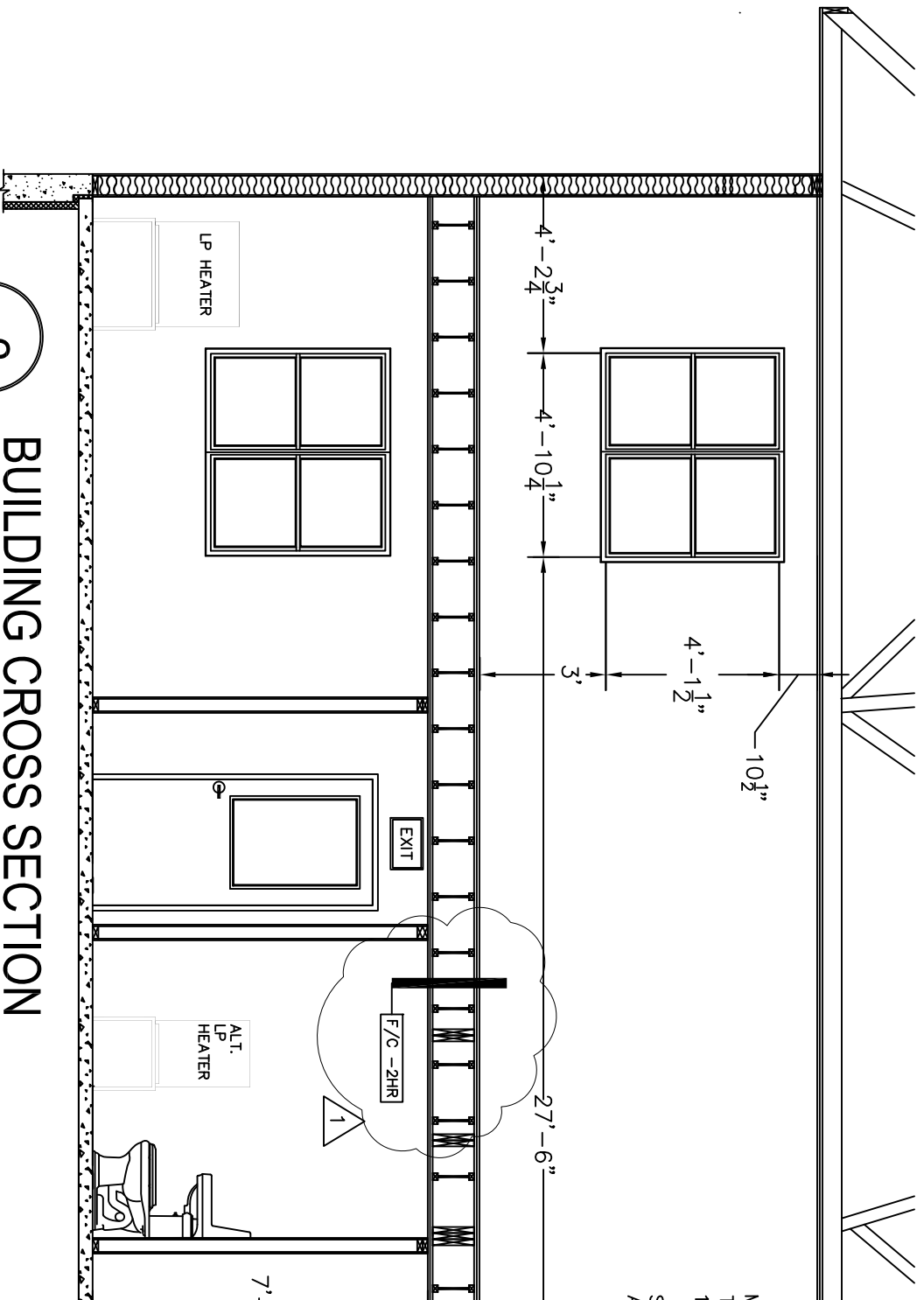
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DRAWN BY: JC
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 REFER TO: A4.1



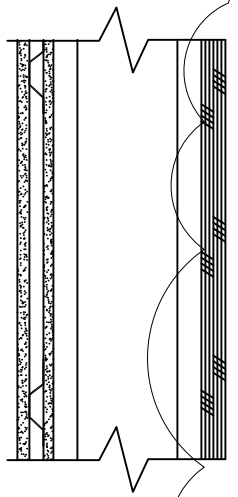
2
 BUILDING CROSS SECTION
 1/4" = 1'-0"

SK1.2



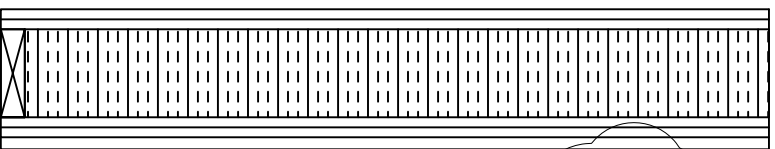
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GA FILE NO. FC 57242 HR. 2 HR FIRE RATED FLOOR/CEILING ASSEMBLY



FLOOR CEILING ASSEMBLY
 2 LAYERS $\frac{3}{4}$ " PLYWOOD /
 TJI JOISTS @ 16" O.C. PER
 STRUCTURAL/
 BASE LAYER $\frac{5}{8}$ " TYPE X GYP. BD/
 RESILIENT CHANNELS @ 24" O.C./
 FACE LAYER $\frac{5}{8}$ " TYPE X GYP. BD.
 W/ UNFACED FG SOUND INSULATION
 NAILS @ 7" O.C. OR APPROVED

GA FILE NO WP 4135
 2 HR. FIRE RATED WALL



TYPE 4 WALL
 2 LAYERS $\frac{5}{8}$ " TYPE X GYP. BD. EA.
 SIDE OF 2x6 WOOD STUD, @ 16" O.C.
 W/ UNFACED FG SOUND INSULATION
 W/METAL LINER PANEL AT
 TRUCK GARAGE SIDE
 STAGER GYP.BD. JOINTS 24", USE 6D
 NAILS @ 8" O.C. OR APPROVED

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PROJECT:
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 GLOVER VT 05839
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DRAWN BY: JC
 CHECKED BY: JC
 REFER TO: A5.1

WALL AND FLOOR ASSEMBLIES

2

1" = 1'-0"

SK1.3



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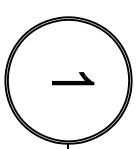
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CHECKED BY: JC
REFER TO:
P1.1

SK2.1

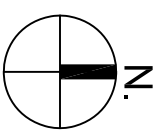


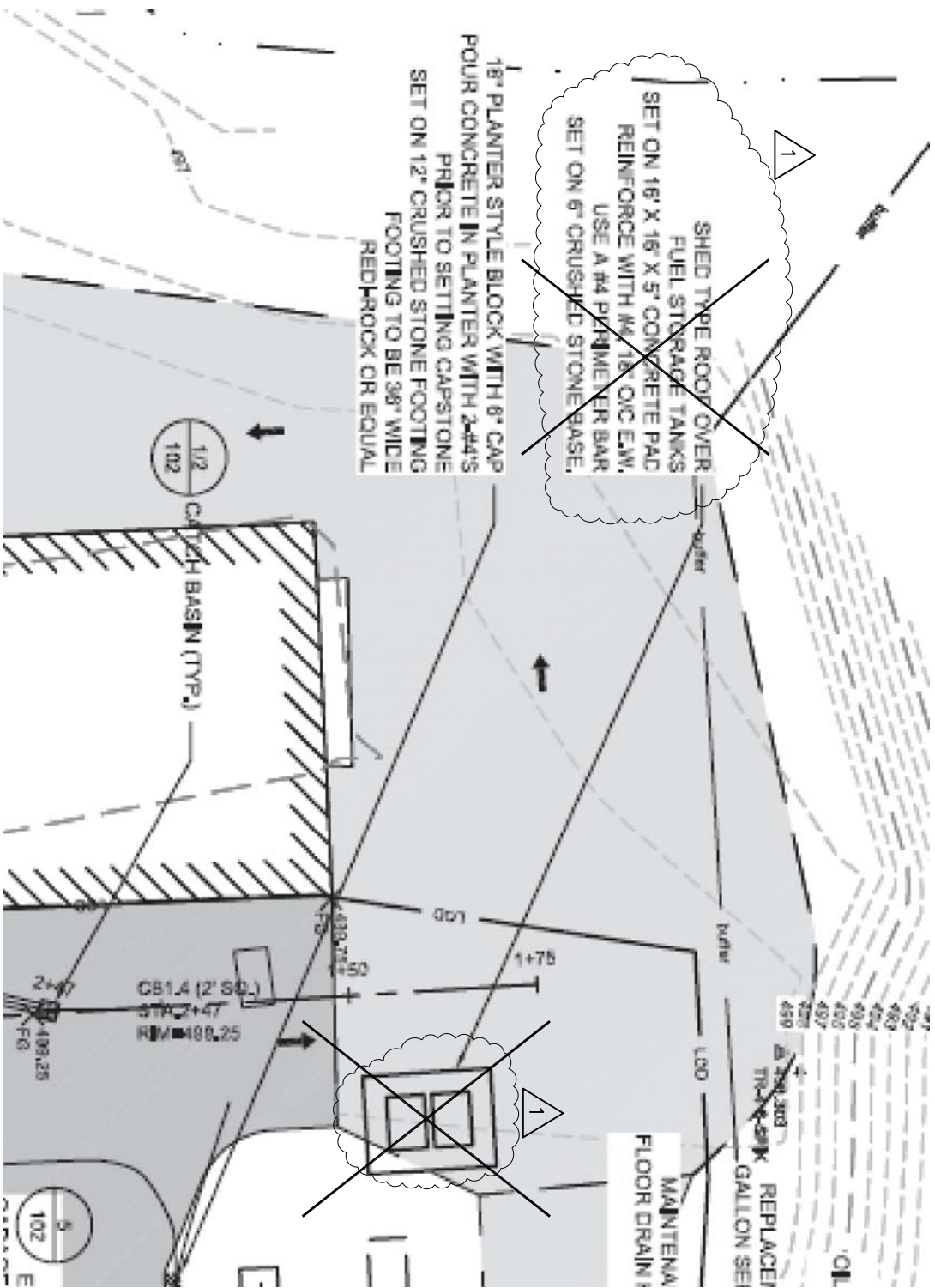
NOTE:

ALL PLUMBING TO BE INSTALLED PER:
Vermont Plumbing Rules, 2015 edition
INCLUDING:
ICC International Plumbing Code, 2015 edition
PLUMBING DRAWING PROVIDED FOR DESIGN
INTENT ONLY. PLUMBING CONTRACTOR SHALL
BE RESPONSIBLE FOR FINAL DESIGN,
ENGINEERING & PERMIT INCLUDING ALL CODE
REQUIRED VENTING AND COMPONENTS SHOWN
OR NOT SHOWN ON THIS DRAWING.



PLUMBING PLAN
1/4" = 1'-0"





1

PROPOSED PLAN

N.T.S.



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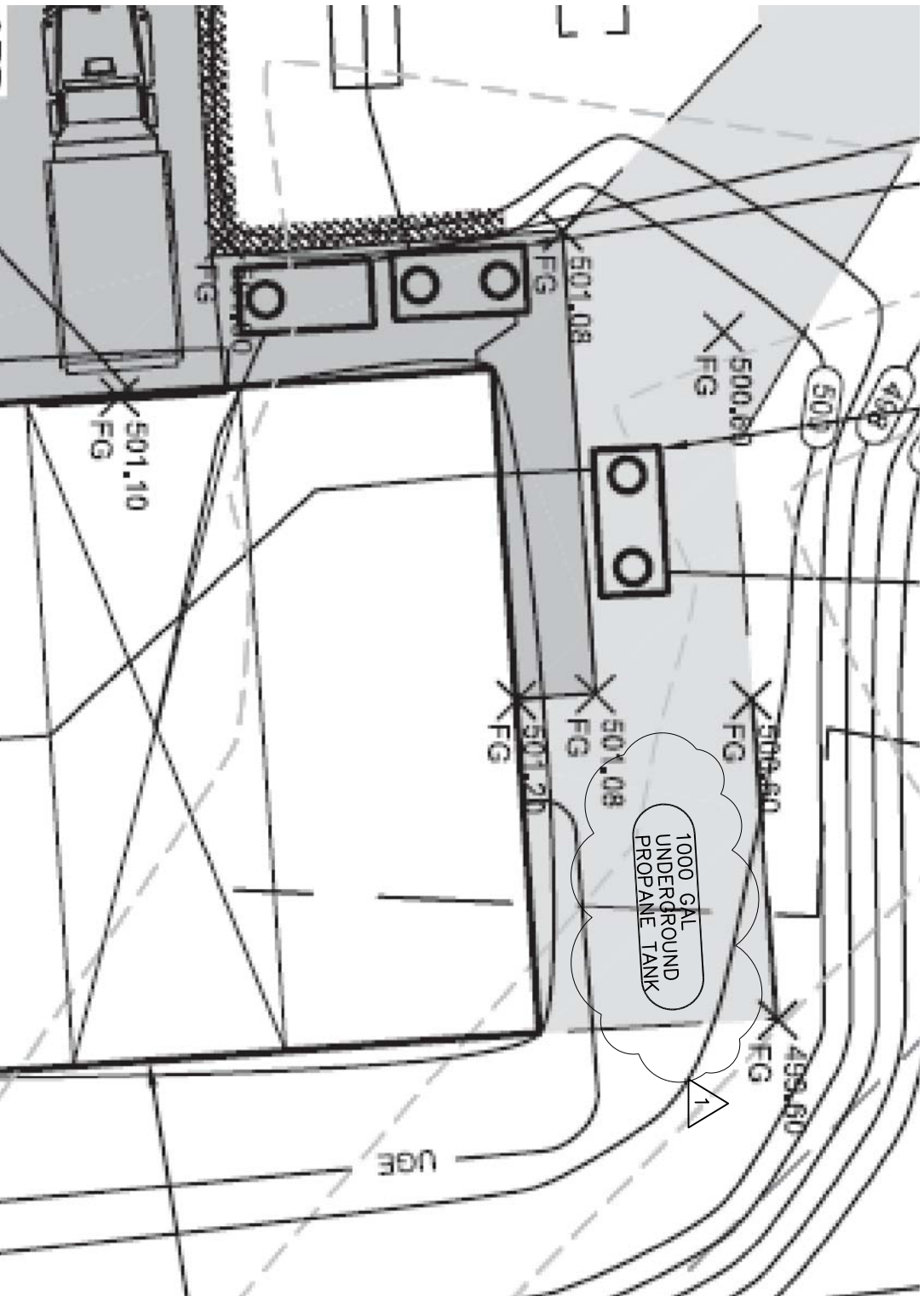
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DRAWN BY:
 JC
 CHECKED BY:
 JC
 REFER TO:
 C102

SK3.1



1

PROPOSED PLAN

N.T.S.



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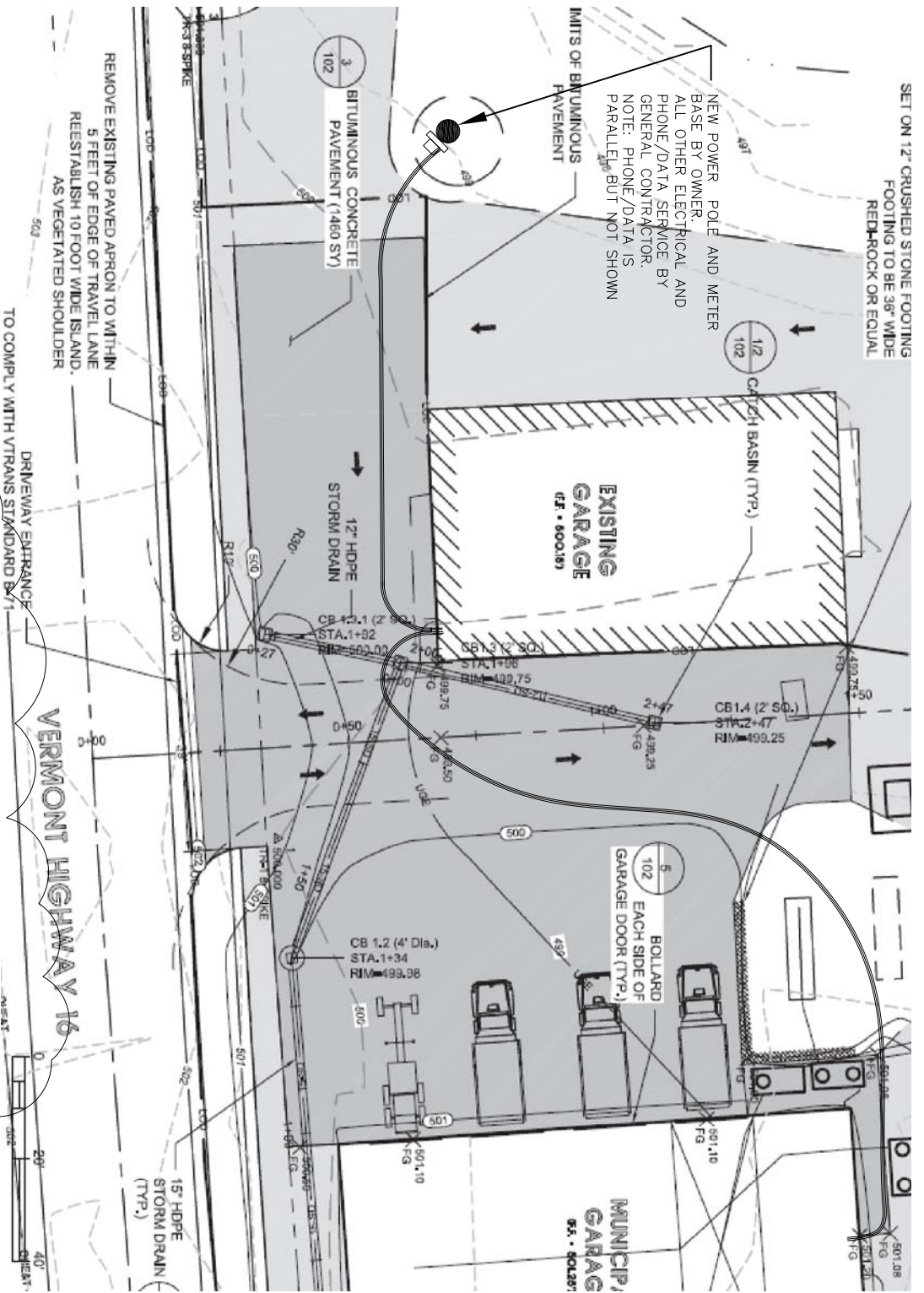
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DRAWN BY:
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 CHECKED BY:
 JC
 REFER TO:
 C102

SK4.1



1
PROPOSED PLAN
 ELECTRICAL SERVICE
 DIAGRAM ONLY



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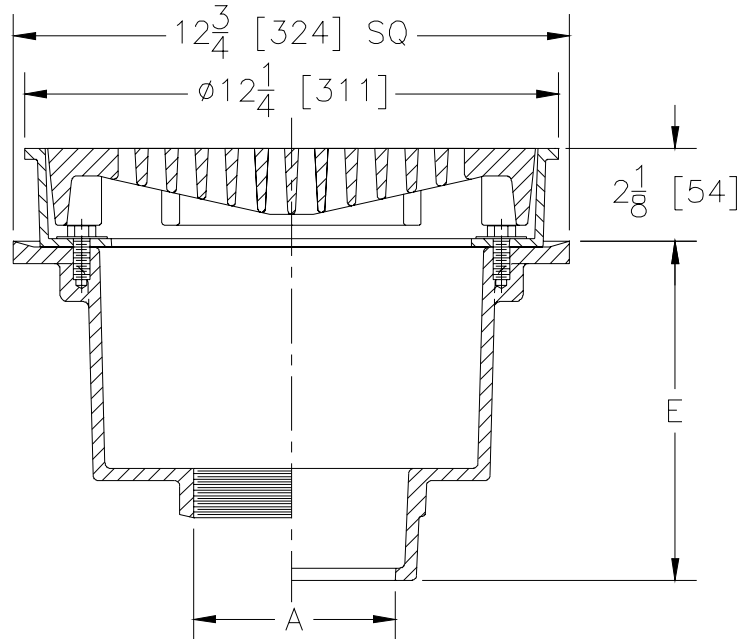
SK5.1



Z512
12 [305] HEAVY-DUTY DRAIN

TAG _____

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice



A- Pipe Size In.	Approx. Wt. Lbs. [kg]	Grate Open Area Sq. In. [cm ²]
3-4-6 [76-102-152]	44 [20]	30 [194]

ENGINEERING SPECIFICATION: ZURN Z512

12 [305] Diameter top drain, Dura-Coated cast iron deep sump body with bottom outlet, seepage pan and combination flashing clamp and frame for heavy-duty tractor grate.

OPTIONS (Check/specify appropriate options)

PIPE SIZE

- 3-4-6 [76-102-152]
- 3-4-6 [76-102-152]
- 3 [76]
- 4-6 [102-152]
- 3-4-6 [76-102-152]
- 3-4 [76-102]

(Specify size/type) **OUTLET**

- ___ IC Inside Caulk
- ___ IG Inside Gasket
- ___ IP Threaded
- ___ IP Threaded
- ___ NH No-Hub
- ___ NL Neo-Loc

'E' BODY HT. DIM.

- 7-3/4 [197]
- 7-3/4 [197]
- 6 [152]
- 6-5/16 [160]
- 7-13/16 [198]
- 7-1/4 [184]

PREFIXES

- ___ Z D.C.C.I. Body and Top*
- ___ ZB D.C.C.I. Body with Polished Bronze Top (Add 3/16 [5] to 2-1/8 [54] Dim. and 3/4 [20] to 12-1/4 [311] Dim.)
- ___ ZN D.C.C.I. Body with Polished Nickel Bronze Top (Add 3/16 [5] to 2-1/8 [54] Dim. and 3/4 [20] to 12-1/4 [311] Dim.)

SUFFIXES

- ___ -AR Acid resisting epoxy coated cast iron
- ___ -DG Duresist Grate
- ___ -G Galvanized Cast Iron
- ___ -HP Heel-Proof Grate
- ___ -PH Grate with 3/8 [10] Diameter Opening (Z only)
- ___ -S Secondary Strainer
- ___ -SS Stainless Mesh Liner for Bucket
- ___ -T Square Top
- ___ -TC Neo-Loc Test Cap Gasket (3 [76]-4 [102] NL Bottom Outlet Only)
- ___ -TS Top Secured with Slotted Screws
- ___ -V Backwater Valve (4 [102] IC & IP only)
- ___ -VP Vandal-Proof Secured Top
- ___ -Y Sediment Bucket
- ___ -90 90° Threaded Side Outlet Body

*REGULARLY FURNISHED UNLESS OTHERWISE SPECIFIED

REV. F	DATE: 05/02/11	C.N. NO. 121200
DWG. NO. 58927	PRODUCT NO. Z512	

WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT
LAWS/REGULATIONS INVOLVED

10 V.S.A. Chapter 64, Potable Water Supply and Wastewater System Permit
Wastewater System and Potable Water Supply Rules, Effective September 29, 2007
Chapter 21, Water Supply Rules, Effective December 1, 2010

Landowner(s): Town of Glover
51 Bean Hill Road
Glover VT 05839

Permit Number: WW-7-0701-1
PIN SJ98-0086

This permit affects the following property in Glover, Vermont:

<i>Lot</i>	<i>Parcel</i>	<i>SPAN</i>	<i>Acres</i>	<i>Book(s)/Page(s)#</i>
<i>1</i>	<i>VT16109</i>	<i>243-077-10316</i>	<i>13.35</i>	<i>Book:44 Page(s):490-491</i>

This project, consisting of replacing the existing Town Maintenance Garage; the current garage will be converted to recycling storage which is currently in a smaller shed that will be removed for the construction of the new building. The new Maintenance Garage will include an office space for 4-employees and several maintenance bays for equipment. The project will require the relocation of the existing water service lines and septic tank but will not modify the existing leach field. The facility will also have a new oil/water separator tank so the existing truck snow melt will be collected for primary treatment before discharge to the surface. Also there will be a vehicle maintenance bay where drain collection will go to an isolated waste tank that will be pumped and delivered to a WWTF that can accept floor drain waste, this project located at 1600 Dry Pond Road in Glover, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions.

1. GENERAL

- 1.1 The project shall be completed as shown on the plans and/or documents prepared by Nathan Sicard, with the stamped plans listed as follows:

<i>Title</i>	<i>Sheet Number</i>	<i>Plan Date</i>	<i>Revision Date</i>
<i>Existing Conditions Plan</i>	<i>C101</i>	<i>01/20/2017</i>	<i>NONE</i>
<i>Water and Wastewater Plan</i>	<i>C103</i>	<i>01/20/2017</i>	<i>NONE</i>

- 1.2 This permit does not relieve the landowner from obtaining all other approvals and permits **PRIOR** to construction including, but not limited to, those that may be required from the Act 250 Environmental Commission; the Division of Fire Safety; or other State departments and local officials.
- 1.3 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall record and index this permit in the Glover Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.4 The landowner shall record and index all required installation certifications and other documents that are required to be filed under these Rules or under a specific permit condition in the Glover Land Records and ensure that copies of all certifications are sent to the Secretary.



- 1.5 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a signed and dated certification from a qualified Vermont Licensed Designer (or where allowed, the installer) that states:

“I hereby certify that, in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and the potable water supply and wastewater system were installed in accordance with the permitted design and all the permit conditions, were inspected, were properly tested, and have successfully met those performance tests”,

or which otherwise satisfies the requirements of §1-308 and §1-911 of the referenced rules.

- 1.6 This project is approved for the construction of the new Town Maintenance Garage. No alterations to the existing building(s) other than those indicated in this permit that would change or affect the water supply or wastewater disposal shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations. No construction is allowed that will cause non-compliance with an existing permit.
- 1.7 Each purchaser of any portion of the project shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s), if applicable, prior to conveyance of any portion of the project to that purchaser.
- 1.8 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property covered by the permit, at reasonable times, for the purpose of ascertaining compliance with the Vermont environmental and health statutes and regulations, and permit conditions.
- 1.9 Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

2.WATER SUPPLY

- 2.1 This project is authorized to utilize the existing on-site water supply system having a maximum design flow of **60 gallons** per day provided the potable water supply is operated at all times in a manner that keeps the supply free from contamination. No changes shall be made to the existing water system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. No other means of obtaining potable water shall be allowed without prior review and approval by the Drinking Water and Groundwater Protection Division unless otherwise exempt. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a “failed supply”.
- 2.2 The new components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.

3.WASTEWATER DISPOSAL

- 3.1 This project is authorized to utilize the existing wastewater disposal system with a maximum design flow of **60 gallons** per day. No changes shall be made to the existing wastewater system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. Should the system fail and not qualify for the minor repair or replacement exemption, the landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to Drinking Water and Groundwater Protection Division and receive written approval prior to correcting the failure.

- 3.2 The new components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 3.3 The corners of the existing primary or replacement wastewater disposal area(s) shall be accurately staked out and flagged prior to construction with the flagging/staking being maintained until construction is complete.
- 3.4 The wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.
- 3.5 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater disposal systems are allowed on or near the site-specific wastewater disposal system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater disposal field.

Joanna Pallito, Commissioner
Department of Environmental Conservation

By Richard A. Wilson

Dated February 21, 2017

Richard A. Wilson
Regional Engineer
St Johnsbury Regional Office
Drinking Water and Groundwater Protection Division

cc: Nathan Sicard
Glover Planning Commission
Act 250 District Environmental Commission
Department of Public Safety, Division of Fire Safety