

EXIST 12" CMP  
INV.=611.4

EXIST 36" CMP  
INV.=612.3

PROPOSED BRIDGE  
SHOP/COLD STORAGE  
(UNDER CONSTRUCTION)  
F.F.E.=616.9±

EXISTING SAND SHED

EXISTING SAND SHED

PROJECT BENCHMARK  
NAIL IN POWER POLE #48  
ELEVATION = 617.0

CONTRACTOR MUST VERIFY SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ALL DISCREPANCIES MUST BE REPORTED TO THE ENGINEER / OWNER.

APPROXIMATE LOCATION OF EXISTING WW SYSTEM ABANDON IN PLACE

BOLLARD (4)

F.F.E.=618.4

EXISTING STATE OFFICE BUILDING

4" SDR 35 PVC  
INV.=613.2±

NEW SMH #1  
RIM = ±616.8 (MATCH EX)  
INV. IN = 611.7  
INV. OUT = 611.8

6" SDR 35  
S = 0.80%

PROVIDE SLEEVE WHERE SEPARATION DISTANCE CAN NOT BE MET (TYP.)

NEW 1000 GALLON OIL/WATER SEPARATOR

EXISTING PAVED DRIVE

4" SDR 35  
INV.=618.0±

NEW PUMP STATION  
RIM = 618.5  
INV. IN (S) = 610.2  
INV. IN (E) = 610.8  
SEE SHEET C3 FOR DETAILS

PUMP EXISTING SEPTIC TANK AND FILL WITH SAND

APPROXIMATE LOCATION EXISTING SEPTIC TANK & DISTRIBUTION BOX ABANDON IN PLACE

VERIFY DEPTH AND LOCATION OF EXISTING WW SYSTEM PRIOR TO CONSTRUCTION ABANDON IN PLACE

PROPOSED CLEANOUT / CONNECTION MANHOLE  
RIM = ±615.8  
SEE SHEET C3 FOR DETAILS

PROVIDE SLEEVE WHERE SEPARATION DISTANCE CAN NOT BE MET (TYP.)

APPROXIMATE LOCATION EXISTING 4" FORCE MAIN

EXISTING PAVED DRIVE

CONTRACTOR MUST VERIFY SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ALL DISCREPANCIES MUST BE REPORTED TO THE ENGINEER / OWNER.

APPROXIMATE LOCATION EXISTING 8" D.I. WATER

CONCRETE FUEL PAD

NEW SMH #2  
RIM = ±616.2  
INV. IN = 611.8  
INV. OUT = 611.7

4" SDR 35 PVC

SATELLITE DISH

EXISTING TRAILER

PROXANE TANK

VERIFY DEPTH AND LOCATION OF EXISTING WW SYSTEM PRIOR TO CONSTRUCTION

PUMP EXISTING SEPTIC TANK AND FILL WITH SAND ABANDON IN PLACE

CONTRACTOR MUST VERIFY SIZE AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ALL DISCREPANCIES MUST BE REPORTED TO THE ENGINEER / OWNER.

I HEREBY CERTIFY THAT THE DESIGN-RELATED INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT, AND THAT, IN THE EXERCISE OF MY REASONABLE PROFESSIONAL JUDGMENT, THE DESIGN INCLUDED IN THIS APPLICATION FOR A PERMIT COMPLIES WITH THE VERMONT WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES AND THE VERMONT WATER SUPPLY RULES.

DESIGNER SIGNATURE

DATE

**LEGEND**

- 336 --- EXISTING CONTOUR
- --- APPROXIMATE PROPERTY LINE
- SS --- GRAVITY SEWER LINE
- FM --- FORCE MAIN
- W --- WATER LINE
- OE --- OVERHEAD ELECTRIC
- UE --- UNDERGROUND ELECTRIC
- T --- TELEPHONE LINE
- G --- GAS LINE
- ST --- STORM DRAINAGE LINE
- ⊙ SEWER MANHOLE
- ⊙ STORM MANHOLE
- ⊙ HYDRANT
- ⊙ SHUT-OFF
- ⊙ POWER POLE
- ⊙ CATCH BASIN
- ⊙ LIGHT POLE
- ⊙ DECIDUOUS TREE
- ⊙ CONIFEROUS TREE
- EDGE OF WOODS/BRUSH
- FENCE
- DRAINAGE SWALE

- C1 = Proposed Conditions Plan
- C2 = Site Details
- C3 = Site Details
- C4 = Specifications
- C5 = Sewer details

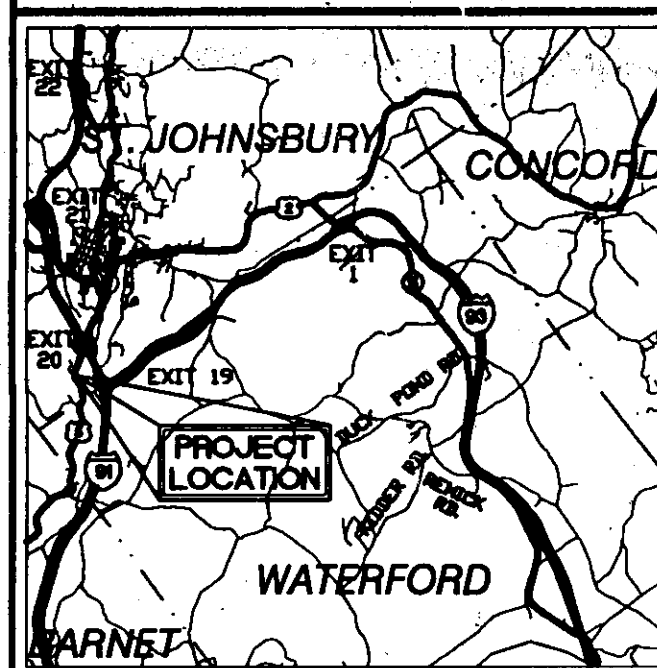
- NOTES:**
- Underground utilities shown hereon are based on utility evidence visible at ground surface or previous project plans and are subject to field verification by excavation. Utilities shown do not purport to constitute or represent all utilities located upon or adjacent to the surveyed premises. All discrepancies shall be reported to the Engineer. The Contractor shall contact Dig Safe (800-225-4977) prior to any construction.
  - The Contractor shall maintain as-built plans (with ties) for all underground utilities. Those plans shall be submitted to the Owner at the completion of the project.
  - The Contractor shall be responsible for conforming to all OSHA (State/Federal) regulations including trenching and confined space requirements.
  - In addition to the requirements set in these plans and specifications, the Contractor shall complete the work in accordance with all permit conditions, the Town of St. Johnsbury Public Works Standards, and installation requirements of the manufacturer.
  - Existing pavement and excavated materials/debris removed as part of this project shall be disposed of at an approved off-site location. All pavement cuts shall be made with a pavement saw.
  - The Contractor shall repair/restore all disturbed areas (on or off the site) as a direct or indirect result of the construction.
  - All grassed areas shall be maintained until full vegetation is established.
  - Maintain all trees outside the construction limits.
  - The Contractor shall be responsible for all work necessary for complete and operable facilities and utilities.
  - The tolerance for finish grades for all pavement, walkways and lawn areas shall be 0.1 feet.
  - Any dewatering necessary for the completion of the sitework shall be considered as part of the contract and shall be the Contractor's responsibility.
  - All existing utilities not incorporated into the final design shall be removed or abandoned as directed by the Engineer. All open ends of abandoned pipe shall be capped or plugged with end caps or connected as shown in the plans or as directed by the engineer.
  - If there are any conflicts or inconsistencies with the plans or specifications, the Contractor shall contact the Engineer for verification before work continues on the item in question.
  - Plan and profile of new water line reflects a route to avoid conflicts with existing sewer and storm water lines. Conflicts may be encountered with hidden utilities such as sewer services, underground electrical, telephone, gas, etc.
  - The contractor shall install erosion control measures as necessary to contain all sediment/erosion within the construction area. All disturbed areas shall be restored (seeding and mulch immediately upon final grading). All erosion control measures shall be maintained on a daily basis to ensure that they are fully operational and effective.
  - Elevations are based on an assumed site elevation of 620 feet scaled from a USGS Topographic map.

SITE ENGINEER:  
  
**CIVIL ENGINEERING ASSOCIATES, INC.**  
P.O. BOX 485 SHELBURNE, VT 05482  
802-886-2223 FAX: 802-886-2271 web: www.cca-vt.com  
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DRAWN  
**PJM**  
CHECKED  
**BCE**  
APPROVED  
**BCE**

OWNER:  
  
**STATE OF VERMONT**  
VERMONT AGENCY OF TRANSPORTATION  
MONTPELIER, VERMONT

PROJECT:  
**ST. JOHNSBURY GARAGE**  
US ROUTE 5  
ST. JOHNSBURY, VERMONT

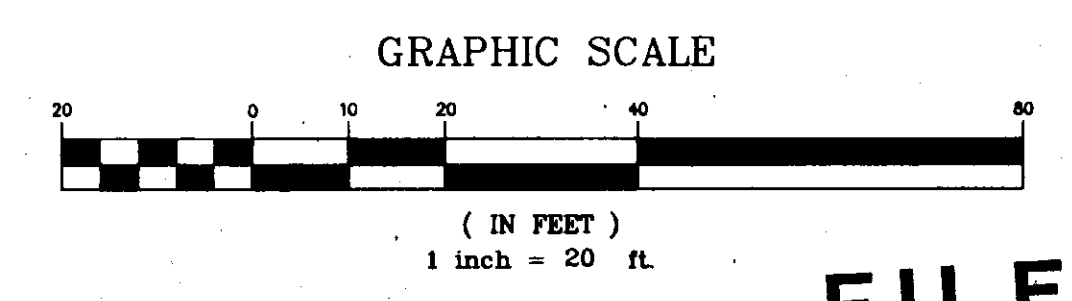


LOCATION MAP  
1" = 2.5 miles ±

DATE	CHECKED	REVISION
1/06/05	BCE	GENERAL REVISIONS.
10/26/04	BCE	GENERAL REVISIONS.
10/5/04	BCE	GENERAL REVISIONS.

**PROPOSED CONDITIONS PLAN**  
**SET # 7**

DATE  
**JUNE, 2004**  
SCALE  
**1" = 20'**  
PROJ. NO.  
**04128.01**  
DRAWING NUMBER  
**C1**



**FILE**