

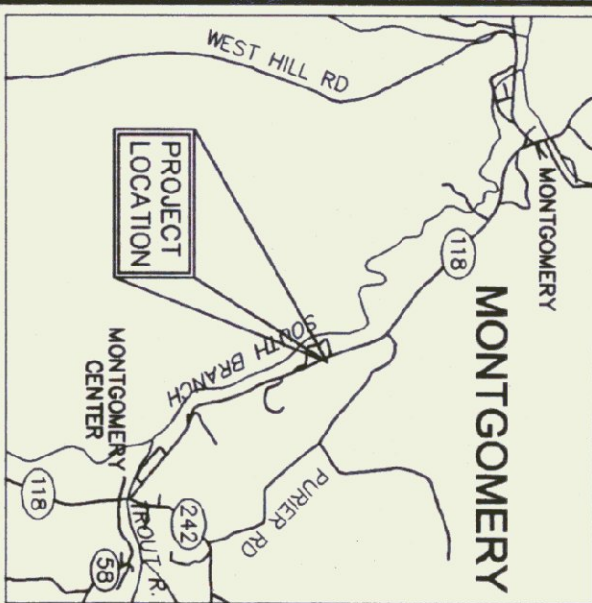
**Watermeter Design Data**  
 Facility anticipated use is 6 months during winter.  
 Design Daily Flow:  
 - 2 Employees at 15 gpd = 30 gpd  
 - Adjusted Design Flow = -3 gpd  
 - Maximum Daily Demand = 27 gpd/720 minutes = 0.0375 gpm  
 - Instantaneous Peak Demand = Use 5 gpm (minimum)

**Water Supply Rules, Chapter 21 information is summarized below:**  
 Average Day Demand  
 - 2 Employees at 15 gpd = 30 gpd  
 - Adjusted Design Flow = 27 gpd

**Holding Tank:**  
 - Minimum tank capacity = 27 gpd x 14 days = 378 gallons  
 - Use 3000 gallon holding tank (14' x 14' x 14')  
 - 3000 gals x 75% = 2250 gallons  
 - Anticipated pumping frequency: 2250 gallons/27 gpd = 83 days (probably twice a year)

**NOTES**  
 1. Underground utilities shown herein are based on utility evidence visible at ground surface and are subject to field verification by excavation. Utilities shown are not to be used for any purpose other than that for which they were installed. The Contractor shall contact Dig Safe (800-225-4977) prior to any construction.  
 2. All existing utilities not incorporated into the final design shall be removed or abandoned as indicated on the plans or directed by the Engineer.  
 3. The Contractor shall maintain a 4-foot clear (with head) for all underground utilities. These poles shall be submitted to the Owner at the completion of the project.  
 4. The Contractor shall remove/restore all disturbed areas (on or off the site) as a direct or indirect result of the construction.  
 5. All grassed areas shall be maintained until full vegetation is established.  
 6. Mention of trees outside of construction limits.  
 7. The Contractor shall be responsible for all work necessary for complete end operator facilities and utilities.  
 8. The City Contractor shall contact the water line to two feet above the finished floor. See mechanical plans for riser detail.  
 9. The Contractor shall submit shop drawings for all items and materials drawing approval is granted. Work shall not begin on any item until shop drawings are approved.  
 10. In addition to the requirements set in these plans and specifications, the Contractor shall adhere to the work in accordance with all permit conditions and any local Public Works Standards.  
 11. The tolerance for finish grades for all pavement, walkways and lawn areas shall be 0.1 feet.  
 12. Any dewatering necessary for the completion of the project shall be considered as part of the contract and shall be the Contractor's responsibility.  
 13. For underground electrical and telephone (cable) services, the site contractor shall trench, place bedding, place conduit, and backfill in accordance with utility company's requirements.  
 14. Existing pavement and tree stumps to be removed shall be disposed of at an approved off-site location. All pavement cuts shall be made with a pavement saw.  
 15. 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.

2000 GALLON TANK SLAB  
 ~10'x19'-3"x6" THICK  
 ~REINFORCE & INSTALL IN ACCORDANCE  
 W/MANUFACTURERS RECOMMENDATIONS  
 ~COORDINATE W/OWNER FOR FINAL LOCATION



DATE	CHECKED	REVISION
2/20/03	BCE	UTILITIES SECTION REVISIONS.
2/20/03	BCE	ADDED 25 MIN. ISOLATION DISTANCE.
4/20/03	BCE	REMOVED WATER SEWER SERVICE.
5/20/03	BCE	REMOVED PROPOSED SALT SHED TO 52' X 14'.

**PROPOSED CONDITIONS PLAN**

DATE: JAN., 2003  
 SCALE: 1" = 20'  
 DRAWING NUMBER: C2

**CIVIL ENGINEERING ASSOCIATES, INC.**  
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CONTRACT # 0203 - ALL RIGHTS RESERVED

**STATE OF VERMONT**  
 DEPARTMENT OF BUILDINGS AND GENERAL SERVICES  
 MONTPELIER, VERMONT

OWNER: STATE OF VERMONT  
 DRAWN: PJM  
 CHECKED: BCE  
 APPROVED: BCE

