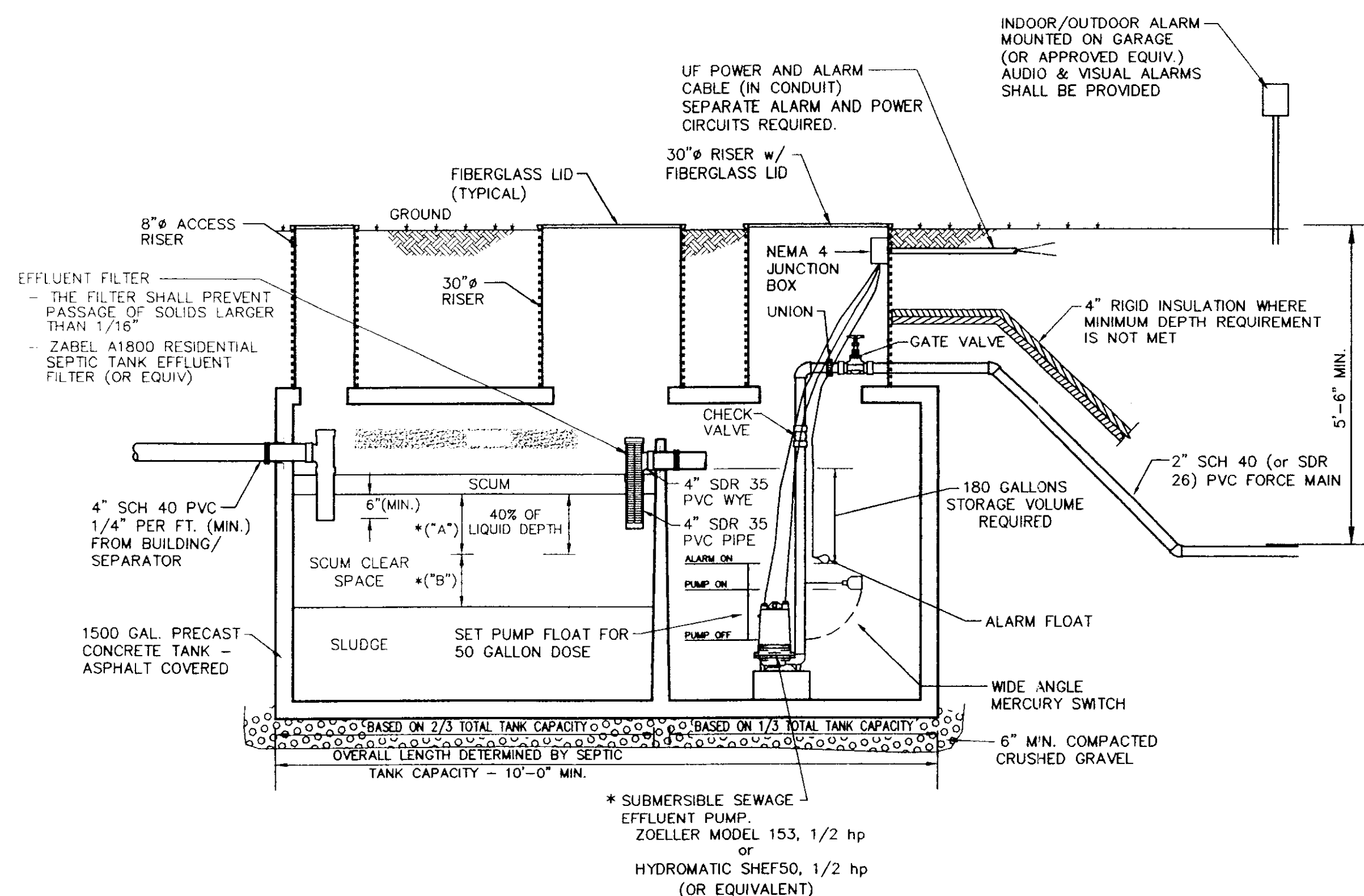
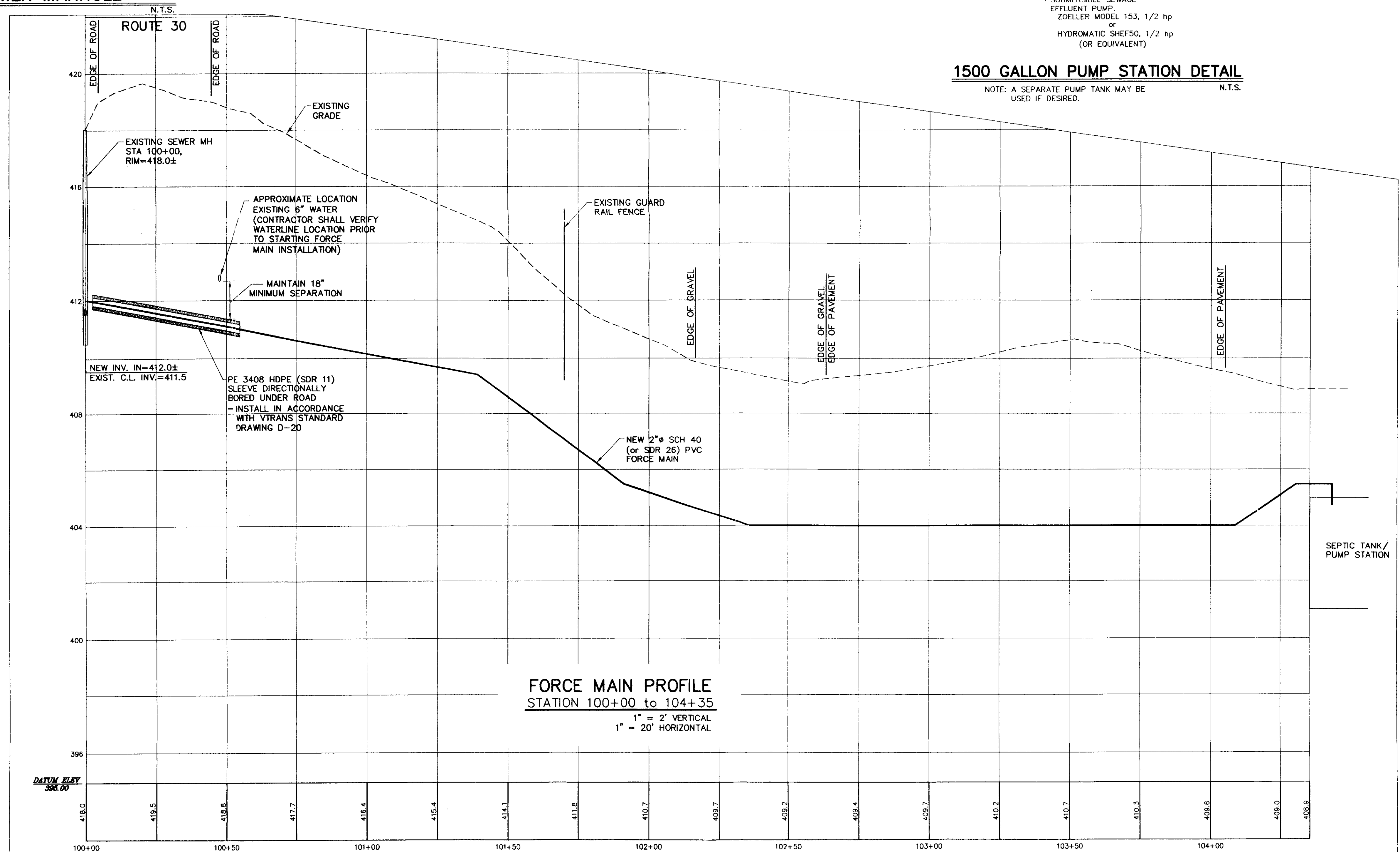


**CONNECTION TO EXISTING SEWER MANHOLE**

- Septic Tank Notes**
- Septic tank shall be a precast concrete tank, unless otherwise approved.
  - Maintenance**
    - At least once a year, the depth of sludge and scum in the septic tank should be measured. The tank should be pumped if:
      - The sludge is closer than twelve inches to the outlet baffle or;
      - The scum layer is closer than three inches to the outlet baffle.
    - Under no circumstances should anyone enter a septic tank.
  - Recommendations**
    - The use of garbage grinders is discouraged as sludge accumulation in the septic tank can be increased by up to 40%. If used, the septic tank will require more frequent pumping.
    - The septic system is designed to handle human waste and toilet paper, plus water from plumbing fixtures such as toilets, baths and sinks. Moderate use of household cleaners, detergents and bleach should not damage your system; however, indiscriminate use may cause problems. Non-degradable paper products and any other non-biodegradable substances should not be put in your wastewater system.
    - Minimize the amount of water used in the household. Excessive water could flush solids from the septic tank to the disposal field which leads to clogging or plugging of the piping. When dishwashers and washers are used, make sure loads are full and stagger their use to reduce peak flows, i.e. stagger loads of laundry over several days instead of one day.
  - Walkways, patios and decks or other permanent structures should not be constructed over the septic tank.
  - There should be no need to use commercial "starter", "bacterial feeds", or "cleaners", etc. Bacteria in a septic tank system occurs naturally.



**1500 GALLON PUMP STATION DETAIL**



**FORCE MAIN PROFILE**  
STATION 100+00 to 104+35  
1" = 2' VERTICAL  
1" = 20' HORIZONTAL

SITE ENGINEER:

CIVIL ENGINEERING ASSOCIATES, INC.  
P.O. BOX 485 SHELBURNE, VT 05482  
802-985-2323 FAX: 802-985-2271 web: www.ces-vc.com

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DRAWN: ACL  
CHECKED: BCE  
APPROVED: BCE

OWNER:

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

PROJECT:

**DISTRICT 3 CASTLETON GARAGE**  
MUNICIPAL WASTEWATER CONNECTION  
ROUTE 30 CASTLETON, VERMONT

DATE	CHECKED	REVISION

**SITE DETAILS**

DATE: JAN., 2005  
SCALE: AS SHOWN  
PROJ. NO.: 04128.10

DRAWING NUMBER: **C3**