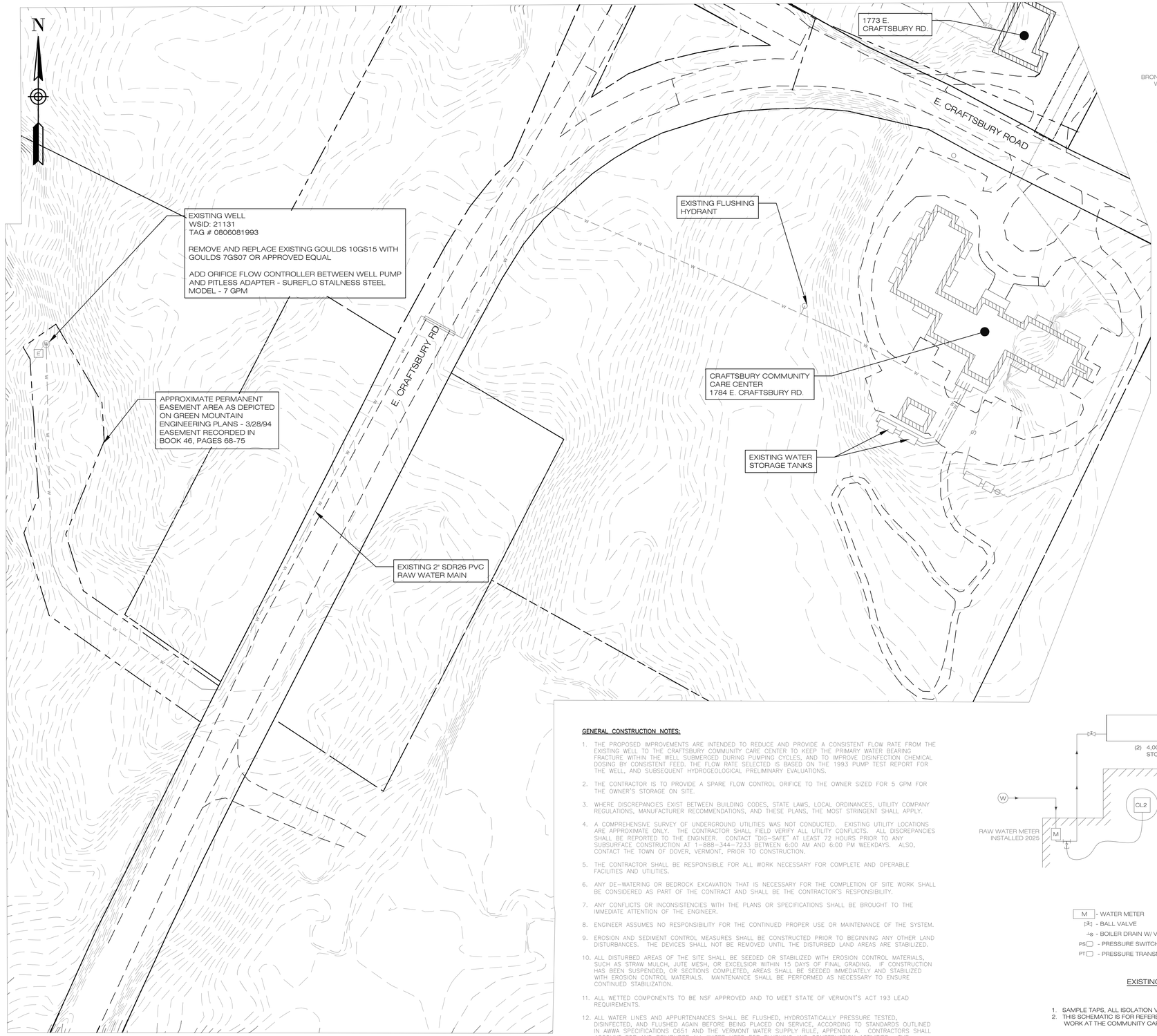


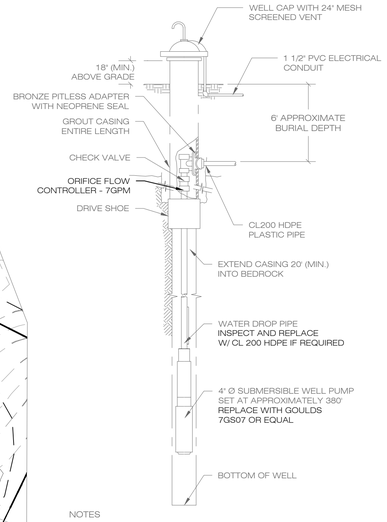
GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)

1 inch = 50 ft.

SITE PLAN
SCALE: 1" = 50'



NOTES

1. THE DRILLED WELL IS EXISTING AND THE DETAIL ABOVE IS BASED ON STANDARD CONSTRUCTION ASSUMPTIONS AND REPORTS PROVIDED BY THE OWNER.
2. POWER FEED FOR THE PROPOSED WELL PUMP SHALL BE ADJUSTED AS NECESSARY BY THE WELL CONTRACTOR AND/OR A LICENSED ELECTRICIAN.

DRILLED WELL CONSTRUCTION
NOT TO SCALE



LOCATION MAP - CRAFTSBURY, VT
1" = 500'

LEGEND

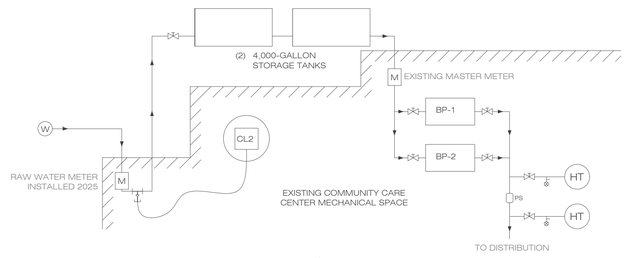
- EDGE OF DRIVE
- EXISTING MINOR CONTOUR
- 100 EXISTING MAJOR CONTOUR
- S EXISTING SEWER PIPE
- w EXISTING WATER PIPE
- ohw OVERHEAD ELECTRIC
- FM EXISTING FORCE MAIN
- APPROX. PROPERTY BOUNDARY
- EXISTING WATER SHUT OFF
- UTILITY POLE
- E ELECTRICAL PANEL OR METER
- w PROPOSED WATER
- PROPOSED WATER SHUT OFF

STATE OF VERMONT · STANLEY WELCH · No. 134121 · REGISTERED PROFESSIONAL ENGINEER

8/31/2026

GENERAL CONSTRUCTION NOTES:

1. THE PROPOSED IMPROVEMENTS ARE INTENDED TO REDUCE AND PROVIDE A CONSISTENT FLOW RATE FROM THE EXISTING WELL TO THE CRAFTSBURY COMMUNITY CARE CENTER TO KEEP THE PRIMARY WATER BEARING FRACTURE WITHIN THE WELL SUBMERGED DURING PUMPING CYCLES, AND TO IMPROVE DISINFECTION CHEMICAL DOSING BY CONSISTENT FEED. THE FLOW RATE SELECTED IS BASED ON THE 1993 PUMP TEST REPORT FOR THE WELL, AND SUBSEQUENT HYDROGEOLOGICAL PRELIMINARY EVALUATIONS.
2. THE CONTRACTOR IS TO PROVIDE A SPARE FLOW CONTROL ORIFICE TO THE OWNER SIZED FOR 5 GPM FOR THE OWNER'S STORAGE ON SITE.
3. WHERE DISCREPANCIES EXIST BETWEEN BUILDING CODES, STATE LAWS, LOCAL ORDINANCES, UTILITY COMPANY REGULATIONS, MANUFACTURER RECOMMENDATIONS, AND THESE PLANS, THE MOST STRINGENT SHALL APPLY.
4. A COMPREHENSIVE SURVEY OF UNDERGROUND UTILITIES WAS NOT CONDUCTED. EXISTING UTILITY LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITY CONFLICTS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. CONTACT "DIG-SAFE" AT LEAST 72 HOURS PRIOR TO ANY SUBSURFACE CONSTRUCTION AT 1-888-344-7233 BETWEEN 6:00 AM AND 6:00 PM WEEKDAYS. ALSO, CONTACT THE TOWN OF DOVER, VERMONT, PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK NECESSARY FOR COMPLETE AND OPERABLE FACILITIES AND UTILITIES.
6. ANY DE-WATERING OR BEDROCK EXCAVATION THAT IS NECESSARY FOR THE COMPLETION OF SITE WORK SHALL BE CONSIDERED AS PART OF THE CONTRACT AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
7. ANY CONFLICTS OR INCONSISTENCIES WITH THE PLANS OR SPECIFICATIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
8. ENGINEER ASSUMES NO RESPONSIBILITY FOR THE CONTINUED PROPER USE OR MAINTENANCE OF THE SYSTEM.
9. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES. THE DEVICES SHALL NOT BE REMOVED UNTIL THE DISTURBED LAND AREAS ARE STABILIZED.
10. ALL DISTURBED AREAS OF THE SITE SHALL BE SEEDED OR STABILIZED WITH EROSION CONTROL MATERIALS, SUCH AS STRAW MULCH, JUTE MESH, OR EXCELSIOR WITHIN 15 DAYS OF FINAL GRADING. IF CONSTRUCTION HAS BEEN SUSPENDED, OR SECTIONS COMPLETED, AREAS SHALL BE SEEDED IMMEDIATELY AND STABILIZED WITH EROSION CONTROL MATERIALS. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.
11. ALL WETTED COMPONENTS TO BE NSF APPROVED AND TO MEET STATE OF VERMONT'S ACT 193 LEAD REQUIREMENTS.
12. ALL WATER LINES AND APPURTENANCES SHALL BE FLUSHED, HYDROSTATICALLY PRESSURE TESTED, DISINFECTED, AND FLUSHED AGAIN BEFORE BEING PLACED ON SERVICE, ACCORDING TO STANDARDS OUTLINED IN AWWA SPECIFICATIONS C651 AND THE VERMONT WATER SUPPLY RULE, APPENDIX A. CONTRACTORS SHALL ACCOUNT FOR AND REIMBURSE ALL WATER USED FOR FLUSHING AND CONSTRUCTION ACTIVITIES. THE LONGEST LENGTH OF TEST PIPE SHALL BE 1000 FEET.



LEGEND

- M - WATER METER
- - BALL VALVE
- - BOILER DRAIN W/ VACUUM BREAKER
- PS - PRESSURE SWITCH
- PT - PRESSURE TRANSMITTER
- W - DRILLED WELL
- BP1 - BOOSTER PUMP 1
- BP2 - BOOSTER PUMP 2
- HT - HYDRO-PNEUMATIC TANK

EXISTING WATER SYSTEM SCHEMATIC
NO SCALE

1. SAMPLE TAPS, ALL ISOLATION VALVES, AND HOT WATER SOFTENER NOT SHOWN FOR CLARITY.
2. THIS SCHEMATIC IS FOR REFERENCE ONLY. THE PROJECT DOES NOT PROPOSED ANY INTERNAL WORK AT THE COMMUNITY CARE CENTER.

PERMITTING PLANS

Tailwater Engineering
802.249.4210 | brad@tailwaterengineeringvt.com
149 Gilman Street, Marshfield, VT 05658

PLAN DATE: 8/31/2026		SHEET C1	1 OF 3
		TWE JOB# 26-002	

NO.	DATE	DESCRIPTION	BY

CCCC WELL PUMP IMPROVEMENTS

SITE PLAN & DETAILS

LANDOWNER & PARCEL ADDRESS

CRAFTSBURY COMMUNITY CARE CENTER
1784 E. CRAFTSBURY RD., CRAFTSBURY, VT 05826