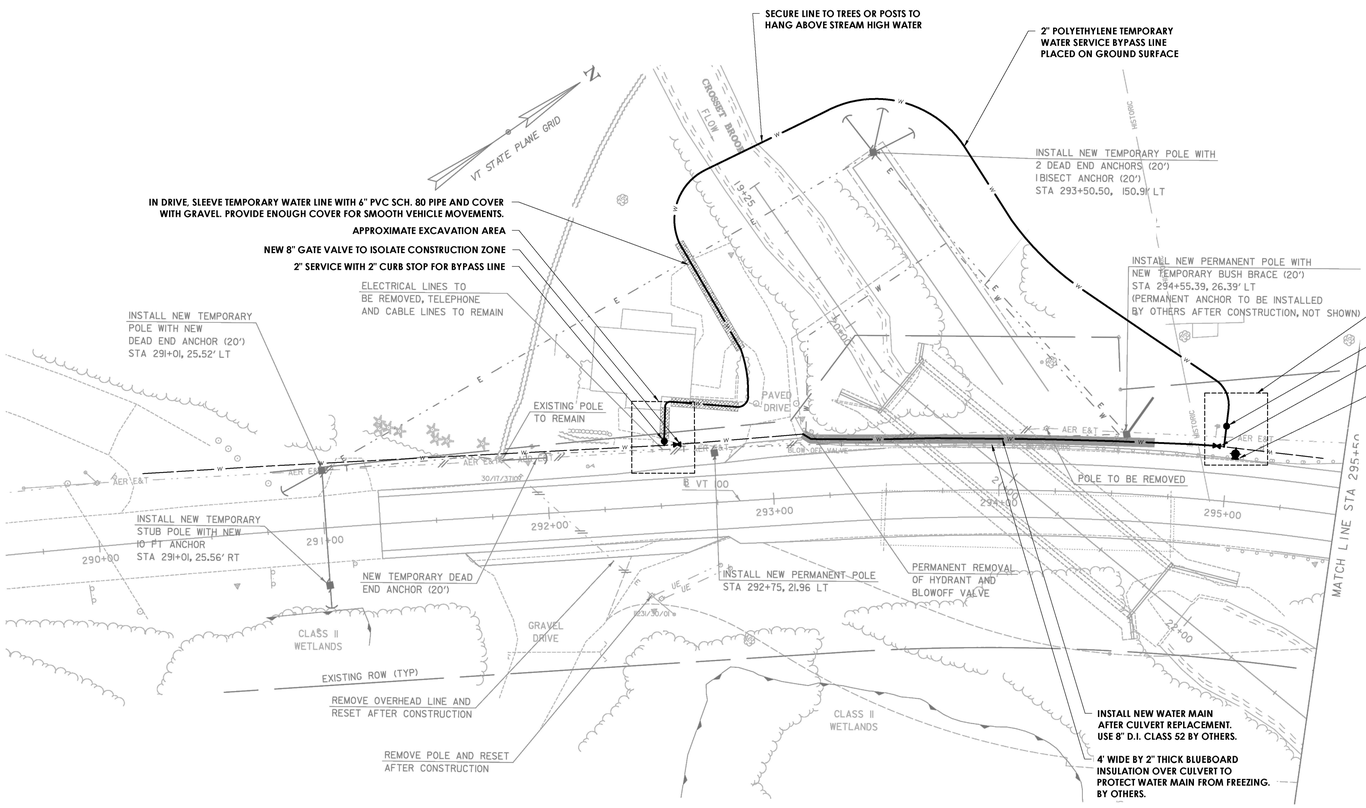
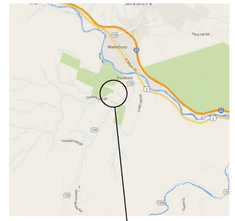
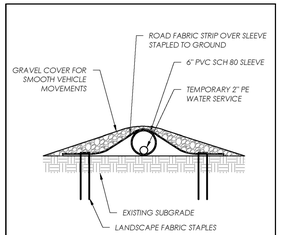


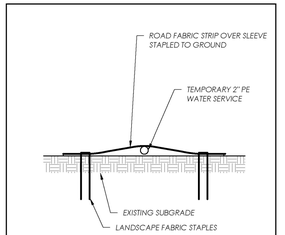
TCE LEGEND

	PROPOSED
SLEEVE IN DRIVE	
BLUEBOARD INSULATION	
WATER MAINS AND SERVICES	W
VALVE	
CURB STOP (CS)	
FIRE HYDRANT (HYD)	





TEMPORARY WATER & SLEEVE IN DRIVE NTS



TEMPORARY WATER & SLEEVE IN LAWN NTS

APPROXIMATE LOCATION OF NEW HYDRANT

PHOTO A

APPROXIMATE LOCATION OF NEW GATE VALVE

PHOTO B

MATERIALS FOR BYPASS & NEW HYDRANT

1. TWO (2) 8" GATE VALVES
2. ONE (1) 6" GATE VALVE & HYDRANT
3. TWO (2) 2" CURB STOPS
4. 475 FT OF 2" POLYETHYLENE WATER PIPE OR EQUAL
5. 100 FT OF 6" PVC SCH. 80 SLEEVE
6. GRAVEL FOR COVERING SERVICE IN DRIVE. ASSUME 10-14 C.Y. (ONE LOAD)
7. FABRIC OVER TEMPORARY WATER LINE (SEE DETAIL)
8. TRAFFIC CONTROL
9. OTHER MEASURES AS NEEDED TO MAKE BYPASS WATER SERVICE FULLY OPERATIONAL.
10. UPON COMPLETION OF CULVERT PROJECT DECOMMISSION 2" CURB STOPS, BACKFILL, SEED AND MULCH DISTURBED AREA AND REMOVE TEMPORARY SERVICE, SLEEVE AND GRAVEL.

CONSTRUCTION PHASE:

LISTED BELOW IS A BRIEF SUMMARY OF CONSTRUCTION PHASE REQUIREMENTS. THIS LIST IS NOT INTENDED TO BE ALL-INCLUSIVE. CONSTRUCTION SPECIFICATIONS, PERMIT REQUIREMENTS AND SUBSEQUENT CONTRACTUAL AGREEMENTS FROM PARTIES INVOLVED SHALL PREVAIL.

PRE-CONSTRUCTION

- OWNER TO ESTABLISH SCOPE OF SERVICES WITH PROJECT ENGINEER(S) & CONTRACTOR
- OWNER TO IDENTIFY WORK SCOPE AND SCHEDULE
- MEETING BETWEEN OWNER, ENGINEER(S), CONTRACTOR(S), REGULATORY AUTHORITIES AND OTHER PERTINENT PARTIES TO REVIEW AND DISCUSS THE WORK

PRE-CONSTRUCTION MEETING

- CONTRACTOR TO IDENTIFY SUBCONTRACTORS, IF APPLICABLE
- CONTRACTOR TO ESTABLISH SCHEDULE
- CONTRACTOR TO DESIGNATE RESPONSIBLE PERSONNEL
- CONFIRM PROCEDURE FOR RFI'S, CHANGE ORDERS, EXTRAS AND PAY REQUESTS
- CONTRACTOR TO SUBMIT SHOP DRAWINGS
- CONTRACTOR TO OUTLINE SAFETY, SECURITY, AND WORKING HOURS
- CONTRACTOR OR OWNER TO IDENTIFY TESTING COMPANY

CONSTRUCTION PHASE

- INITIAL CONTROL SUPPLIED BY OWNER AND CONTRACTOR RESPONSIBLE FOR LAYOUT
- OWNER TO PROVIDE PROJECT ENGINEER TO OBSERVE CONSTRUCTION PERIODICALLY, DURING CRITICAL PHASES AND TESTING.
- WEEKLY JOB MEETINGS DURING CONSTRUCTION
- OWNER TO PROVIDE PROJECT ENGINEER TO REVIEW AND DISCUSS PLANS, ANSWER QUESTIONS, RESPOND TO CHANGES AND OTHER BUSINESS COMMON TO CONSTRUCTION SERVICES.
- OBSERVE TESTING AND COLLECT RESULTS
- OWNER AND CONTRACTOR TO COMPLY WITH PERMITS

Graphic Scale

30 0 30 60 90 120 Feet

TRUDELL CONSULTING ENGINEERS
478 BLAIR PARK ROAD | WILLISTON, VERMONT 05495
802.879.9231 | WWW.TCEVT.COM

Revisions

No.	Description	Date	By

Use of These Drawings

1. Unless otherwise noted, these Drawings are intended for preliminary planning, coordination with other disciplines or utilities, and/or approval from the regulatory authorities. They are not intended as construction drawings unless noted as such or marked approved by a regulatory authority.

2. By use of these drawings for construction of the Project, the Owner represents that they have reviewed, approved, and accepted the drawings, obtained all necessary permits, and have met with all applicable parties/disciplines, including but not limited to, the Engineer and the Architect, to insure these plans are properly coordinated including, but not limited to, contract documents, specifications, owner/contractor agreements, building and mechanical plans, private and public utilities, and other pertinent permits for construction.

3. Owner and Architect, are responsible for final design and location of buildings shown, including an area measured a minimum five (5) feet around any building and coordinating final utility connections shown on these plans.

4. Prior to using these plans for construction layout, the user shall contact TCE to ensure the plan contains the most current revisions.

5. These Drawings are specific to the Project and are not transferable. As instruments of service, these drawings, and copies thereof, furnished by TCE are its exclusive property. Changes to the drawings may only be made by TCE. If errors or omissions are discovered, they shall be brought to the attention of TCE immediately.

6. It is the User's responsibility to ensure this copy contains the most current revisions. If unsure, please contact TCE.

STATE OF VERMONT JOHN P. PITKOWSKY No. 8104 CIVIL LICENSED PROFESSIONAL ENGINEER

Project Title

Duxbury/Moretown Fire District #1 Crosset Brook Culvert Replacement

Route 100
Duxbury, Vermont

Sheet Title

Site Plan for Water Line Bypass

Date:	04/19/16
Scale:	1" = 30'
Project Number:	16-052
Drawn By:	NPC
Project Engineer:	
Approved By:	
Field Book:	

C2-01

Project Reference: