

GENERAL WATER AND SEWER NOTES:

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS. ADDITIONAL REFERENCE IS MADE TO THE FOLLOWING DOCUMENTS:
 - STATE OF VERMONT, AGENCY OF TRANSPORTATION -STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2011.
 - STATE OF VERMONT, AGENCY OF NATURAL RESOURCES - WATER SUPPLY RULE, DATED 2010.
 - STATE OF VERMONT, AGENCY OF NATURAL RESOURCES - WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES, DATED 2007.
 - STATE OF VERMONT, DEPARTMENT OF ENVIRONMENTAL CONSERVATION STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION AND SEDIMENT CONTROL, DATED 2006.
 - AMERICAN WATER WORKS ASSOCIATION STANDARDS - AWWA STANDARDS, LATEST EDITIONS.
 - AMERICAN SOCIETY FOR TESTING AND MATERIALS - ASTM, LATEST EDITIONS.
2. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR IN THE GROUND, WITHIN THE CONSTRUCTION AREA, AND SHALL COORDINATE WITH THE OWNERS OF SAID UTILITIES. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL EXISTING UTILITIES. RELOCATION OF ANY UTILITY, IF REQUIRED, SHALL BE ONLY AS DIRECTED BY THE OWNER OF SAID UTILITY. UTILITIES THAT ARE DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL ARRANGEMENTS FOR ANCHORING, SUPPORTING, AND/OR RELOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. SEE UTILITY SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
3. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR DESIGN ENGINEER HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND PAYMENT OF ALL NECESSARY PERMITS AND INSPECTIONS AS REQUIRED.
5. ALL EXCAVATIONS SHALL COMPLY WITH OSHA AND VERMONT OSHA REQUIREMENTS.
6. NO WORK WILL TAKE PLACE UNLESS THE OWNER'S REPRESENTATIVE IS PRESENT. THE OWNER RESERVES THE RIGHT TO REJECT ANY AND ALL WORK NOT MEETING THIS REQUIREMENT.
7. THE CONTRACTOR IS RESPONSIBLE FOR ALL ENGINEERING AND RELATED COSTS ASSOCIATED WITH ANY DESIGN ALTERNATIVES IN ACCORDANCE WITH SUBSECTION 105.30 OF THE SPECIFICATIONS. DESIGN ALTERNATIVES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO IMPLEMENTATION.
8. THE CONTRACTOR SHALL MAINTAIN "RED LINE" DRAWINGS DURING CONSTRUCTION THAT REFLECT LOCATIONS AND ELEVATIONS OF INSTALLED WORK TO INCLUDE AT A MINIMUM, PIPE INVERTS, WATER CORPORATION STOPS, AND TEE LOCATIONS.
9. TEMPORARY BYPASS UTILITIES WILL BE NECESSARY TO ACCOMMODATE THE INSTALLATION OF THE NEW SEWER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 628.42 TRANSFER TO NEW SYSTEM, SANITARY SEWER.
10. NO VERTICAL DEPTH FACTOR WILL APPLY TO EARTHWORK EXCAVATION OR BACKFILL FOR WATER OR SEWER WORK.

WORK LIMITATIONS IN ROADWAY:

1. THE CONTRACTOR SHALL MAINTAIN EMERGENCY ACCESS TO ALL AREAS AFFECTED BY THE WORK AT ALL TIMES.
2. ALL CROSS-COUNTRY EXCAVATIONS SHALL BE THOROUGHLY SECURED WITH STEEL PLATES ON A DAILY BASIS BY THE CONTRACTOR.
3. EXCAVATION UNDER CLOSED ROADWAYS SHALL BE PLATED AT THE COMPLETION OF EACH WORKING DAY. NO OPEN TRENCHES WILL BE PERMITTED OVERNIGHT.

DEMOLITION WITHIN TRENCH LIMITS:

1. MANHOLES AND PIPES THAT ARE NO LONGER NECESSARY SHALL BE COMPLETELY REMOVED OR FLOW FILLED.
2. MANHOLES AND PIPES THAT ARE NO LONGER NECESSARY AND EXTEND BEYOND THE ROADWAY LIMIT SHALL BE CAPPED AND FLOW FILLED.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ALL ITEMS REMOVED DURING CONSTRUCTION.
4. FRAMES AND COVERS SHALL BE SALVAGED TO THE OWNER.
5. THE EXISTING SANITARY SEWER MAY CONSIST OF TRANSITE PIPE. A QUANTITY OF ITEM 900.640 SPECIAL PROVISION (TRANSITE PIPE REMOVAL) HAS BEEN INCLUDED FOR REMOVAL OF TRANSITE PIPE IF ENCOUNTERED WHERE THE NEW SEWER ALIGNMENT IS IN THE VICINITY OF THE EXISTING SEWER.

SURVEY NOTES:

1. THE BASE MAPPING SHOWN WAS DEVELOPED BY VTRANS AND SUPPLEMENTED BY CITY AND ENGINEER MEASUREMENTS. SOME SUBSURFACE FEATURES SHOWN WERE INPUT BASED ON THE BEST AVAILABLE DATA SUPPLIED BY THE CITY.
2. THE CONTRACTOR WILL ESTABLISH AND MAINTAIN SURVEY CONTROL THROUGHOUT THE PROJECT. THIS WORK IS SUBJECT TO THE CHECKING, APPROVAL, AND SURVEILLANCE BY THE ENGINEER.

PLAN REVISIONS

① 1/16/14: MINOR NOTE REVISIONS.

WATER AND SEWER PLANS		PROJECT NAME: RUTLAND CITY	
		PROJECT NUMBER: BRF 3000(I8)	
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		WATER AND SEWER NOTES I	