



8" GATE VALVE
 REMOVE EXISTING VALVE AND VALVE BOX UPON DECOMMISSIONING
 8" DRESSER STYLE COUPLING (HYMAX OR EQUAL)
 TEST PIT, VERIFY LOCATION, DEPTH, AND SIZE OF EXISTING WATER MAIN

VERTICAL BENDS (SEE PROFILE)
 30' x 24" x 1/4" STEEL SLEEVE (TYP)
 REMOVE EXISTING WATER LINE

8" DRESSER STYLE COUPLING (HYMAX OR EQUAL)
 TEMPORARILY CAP EXISTING WATER MAIN
 3/4" TESTING TAP

APPROX. LOCATION OF EXISTING 8" UNIVERSAL CAST IRON WATER MAIN

NOTES:

- ALL WATER MAIN CONSTRUCTION AND TESTING SHALL BE IN ACCORDANCE WITH THE VERMONT WATER SUPPLY RULE, THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 629, AND THE EAST MIDDLEBURY PRUDENTIAL COMMITTEE STANDARDS AND REQUIREMENTS.
- ALL EXISTING WATER MAINS, FITTINGS, AND APPURTENANCES TO BE DECOMMISSIONED SHALL BE REMOVED AND PROPERLY DISPOSED OF. ALL COSTS FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEM 900.645, SPECIAL PROVISION (WATER MAIN ON BRIDGE) (8").
- INSTALL ALL BURIED WATER MAIN FITTINGS AND APPURTENANCES WITH RESTRAINED MECHANICAL JOINTS AND CONCRETE THRUST BLOCKS.
- MECHANICAL JOINTS SHALL BE MEGALUG RESTRAINED MECHANICAL JOINTS WITH MINIMUM PRESSURE RATING OF 350 PSI, AS MANUFACTURED BY EBAA IRON WORKS, INC.
- CONTRACTOR TO COORDINATE HANGER SPACING, LOCATIONS, AND HARDWARE.
- CONTRACTOR TO CONFIRM ALL PIPE LENGTHS AND FITTINGS BASED ON FIELD CONDITIONS BEFORE ORDERING.
- CONTRACTOR TO SUBMIT DIMENSIONS, LOCATIONS, AND MANUFACTURER'S INFORMATION FOR ALL WATER MAIN CONSTRUCTION MATERIALS, INCLUDING PIPE, VALVE, VALVE BOX, FITTINGS, HANGERS, BRACES, AND APPURTENANCES. INCLUDE A DETAILED PLAN OF COMPONENTS, LOCATIONS, AND DIMENSIONS BENEATH THE BRIDGE.
- ALL COSTS FOR STEEL SLEEVES, INCLUDING CASING SPACERS, SLEEVE DRAINS, LINK SEALS, AND CASING ENDS SHALL BE INCLUDED IN ITEM 900.645, SPECIAL PROVISION (WATER MAIN ON BRIDGE) (8").
- ALL COSTS FOR DUCTILE IRON PIPE, INCLUDING MECHANICAL JOINTS, COUPLINGS, PIPE HANGER ASSEMBLIES, FITTINGS, AND TESTING SHALL BE INCLUDED IN ITEM 900.645, SPECIAL PROVISION (WATER MAIN ON BRIDGE) (8").
- ANY DAMAGE TO THE ROADWAY INCURRED DURING INSTALLATION OF THE NEW WATERLINE SHALL BE REPAIRED TO THE ORIGINAL CONDITION. THIS WORK SHALL BE INCIDENTAL TO WATERLINE CONTRACT ITEMS.

CONVENTIONAL SYMBOLS

POWER POLE	⊕
TELEPHONE POLE	⊙
PROPOSED WATER	— PW —
EXISTING FIRE HYDRANT	⊕
PROPOSED WATER VALVE	⊗
EXISTING WATER VALVE	⊙ WSO
PROPOSED UTILITY POLE	⊕
PROPOSED OVERHEAD LINE	— AER E&T —
PROPOSED EXPANSION JOINT	■
PROPOSED 3/4" TEST TAP	⊙
PROPOSED COUPLING	□
PROPOSED 3/4" AIR RELEASE	⊕

SCALE 1" = 20'-0"
 20 0 20



PROJECT NAME: MIDDLEBURY	PLOT DATE: 8/27/2013
PROJECT NUMBER: RS 0174(8)	DRAWN BY: B.J. MASSE
FILE NAME: z78f217_wtr.dgn	CHECKED BY: M.J. LEO
PROJECT LEADER: M.A. COLGAN	SHEET 31 OF 104
DESIGNED BY: T. GINGRAS	
WATERLINE LAYOUT SHEET	