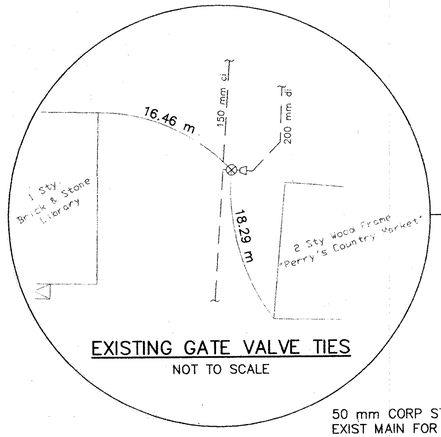
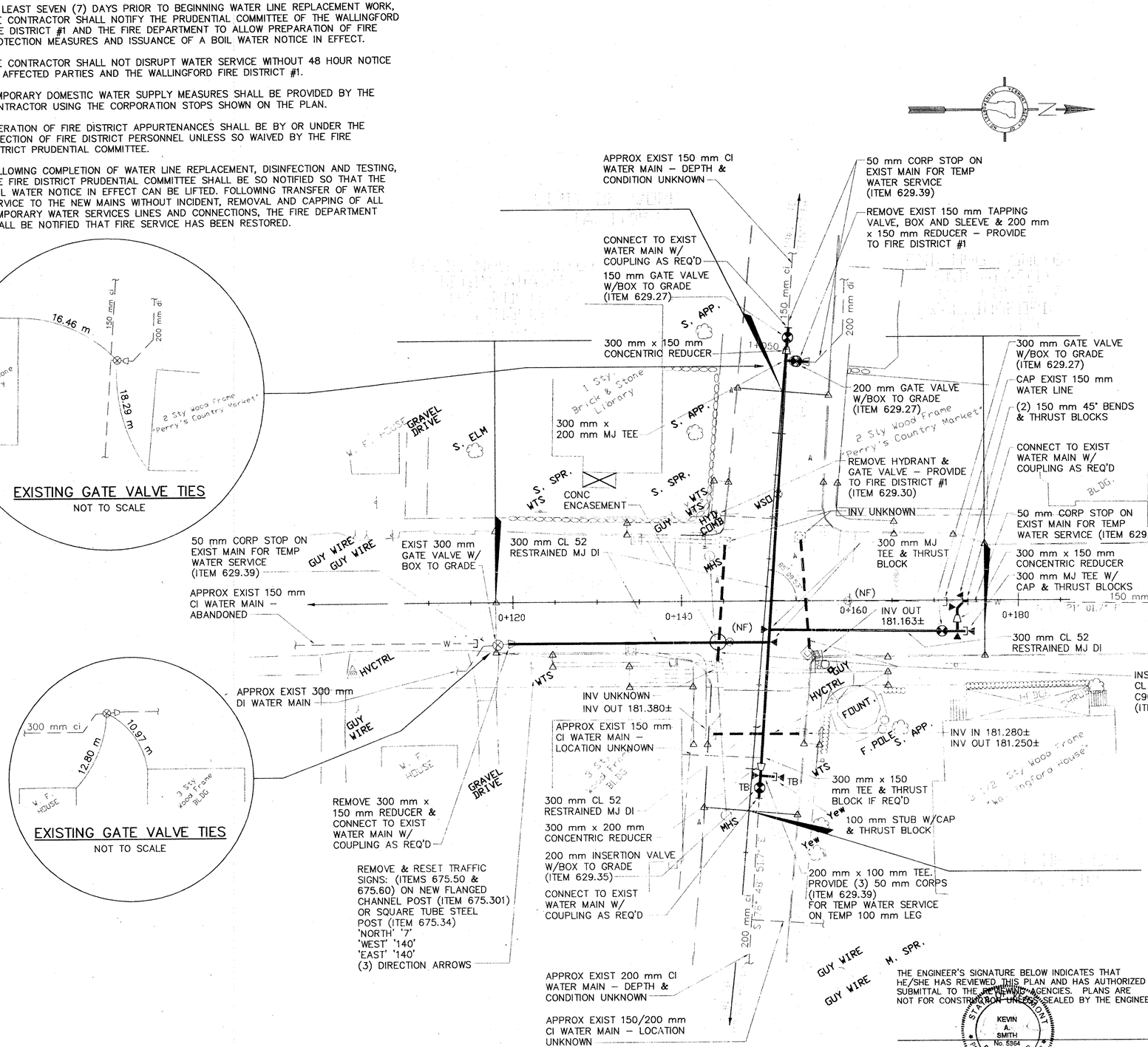
CONSTRUCTION PROCEDURE NOTES:

1. AT LEAST SEVEN (7) DAYS PRIOR TO BEGINNING WATER LINE REPLACEMENT WORK, THE CONTRACTOR SHALL NOTIFY THE PRUDENTIAL COMMITTEE OF THE WALLINGFORD FIRE DISTRICT #1 AND THE FIRE DEPARTMENT TO ALLOW PREPARATION OF FIRE PROTECTION MEASURES AND ISSUANCE OF A BOIL WATER NOTICE IN EFFECT.
2. THE CONTRACTOR SHALL NOT DISRUPT WATER SERVICE WITHOUT 48 HOUR NOTICE TO AFFECTED PARTIES AND THE WALLINGFORD FIRE DISTRICT #1.
3. TEMPORARY DOMESTIC WATER SUPPLY MEASURES SHALL BE PROVIDED BY THE CONTRACTOR USING THE CORPORATION STOPS SHOWN ON THE PLAN.
4. OPERATION OF FIRE DISTRICT APPURTENANCES SHALL BE BY OR UNDER THE DIRECTION OF FIRE DISTRICT PERSONNEL UNLESS SO WAIVED BY THE FIRE DISTRICT PRUDENTIAL COMMITTEE.
5. FOLLOWING COMPLETION OF WATER LINE REPLACEMENT, DISINFECTION AND TESTING, THE FIRE DISTRICT PRUDENTIAL COMMITTEE SHALL BE SO NOTIFIED SO THAT THE BOIL WATER NOTICE IN EFFECT CAN BE LIFTED. FOLLOWING TRANSFER OF WATER SERVICE TO THE NEW MAINS WITHOUT INCIDENT, REMOVAL AND CAPPING OF ALL TEMPORARY WATER SERVICES LINES AND CONNECTIONS, THE FIRE DEPARTMENT SHALL BE NOTIFIED THAT FIRE SERVICE HAS BEEN RESTORED.



EXISTING GATE VALVE TIES

NOT TO SCALE



EXISTING GATE VALVE TIES

NOT TO SCALE

NOTES:

1. ALL EXISTING WATER LINES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. CONTRACTOR TO FIELD LOCATE AND FLAG EXISTING WATER LINES USING PIPE LOCATOR, PRIOR TO CONSTRUCTION. IF CONTRACTOR DOES NOT HAVE NECESSARY EQUIPMENT OR EXPERIENCED OPERATOR, THEN CONTRACTOR SHALL HIRE SUCH SERVICES, TO BE INCLUDED IN THE UNIT PRICE OF WATER MAINS. CONSTRUCTION SHALL NOT PROCEED IN ANY AREA WHERE EXISTING MAINS HAVE NOT BEEN LOCATED TO THE CONTRACTOR'S BEST ABILITY TO DO SO.
2. ALL EXISTING WATER SYSTEM VALVES AND HYDRANTS TO BE REMOVED SHALL BE DELIVERED TO THE WALLINGFORD FIRE DISTRICT #1.
3. EXISTING SEWER AND WATER SERVICE LINE MATERIAL AND LOCATIONS UNKNOWN. RECONNECT ALL EXISTING WATER SERVICE LINES TO NEW MAIN IN AREAS OF NEW MAIN INSTALLATION.
4. ALL PIPE INSTALLATION SHOWN ON THIS PLAN SHALL BE INCLUDED UNDER ITEM NO. 629.24, UNLESS OTHERWISE NOTED, INCLUDING REMOVAL AND/OR DISPOSAL OF EXISTING WATER MAIN AND APPURTENANCES AND CONCRETE THRUST BLOCKS. CONCRETE PIPE ENCASEMENT SHALL BE INCLUDED UNDER ITEM NO. 501.25.
5. WHERE A NEW WATER MAIN OR SERVICE CROSSES AN EXISTING SANITARY SEWER OR SERVICE, SANITARY SEWER PIPE JOINTS ON EACH SIDE OF THE WATER MAIN SHALL BE CONCRETE ENCASED OR SEWER PIPE REPLACED PER DETAIL.
6. WHERE NEW/RELOCATED WATER MAIN CROSSES EXISTING/NEW STORM SEWER AND THE SEWER IS NOT CONSTRUCTED OF AWWA C905 PIPE, STORM SEWER PIPE JOINTS ON EACH SIDE OF THE WATER MAIN SHALL BE CONCRETE ENCASED.
7. MAINTAIN A MINIMUM OF 3.05 m OF HORIZONTAL SEPARATION BETWEEN ALL WATER LINES & SERVICES AND SANITARY SEWERS & SERVICES. MAINTAIN A MINIMUM OF 1.53 m OF HORIZONTAL SEPARATION BETWEEN ALL WATER LINES & SERVICES AND STORM SEWERS.
8. ALL MECHANICAL JOINTS SHALL INCLUDE FULL CIRCUMFERENTIAL RESTRAINT PROVIDED BY 'GRIP RING' BY ROMAC INDUSTRIES, INC. OR APPROVED EQUAL.
9. PROVISIONS OF VAOT STANDARD SPECIFICATION FOR CONSTRUCTION SHALL APPLY UNLESS OTHERWISE NOTED.

KEY

CI	CAST IRON
MJ	MECHANICAL JOINT
(NF)	NOT FOUND
DI	DUCTILE IRON
○	PIPE ENCASEMENT REQUIRED IF SANITARY/STORM SEWER NOT REPLACED WITH DI/C900 /C905 PVC AND TESTED
◀	CONCRETE THRUST BLOCK
———	RIGHT-OF-WAY

THE ENGINEER'S SIGNATURE BELOW INDICATES THAT HE/SHE HAS REVIEWED THIS PLAN AND HAS AUTHORIZED SUBMITTAL TO THE REVIEWING AGENCIES. PLANS ARE NOT FOR CONSTRUCTION UNLESS SEALED BY THE ENGINEER.

KEVIN A. SMITH No. 5564 REGISTERED PROFESSIONAL ENGINEER STATE OF VERMONT

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Rutland, Vermont

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DATUM
VERTICAL N/A
HORIZONTAL N/A

Revision No.	Date	Description	Dr.	Ck.

WATER SYSTEM IMPROVEMENTS

FOR THE

WALLINGFORD FIRE DISTRICT #1

WALLINGFORD, VERMONT

WATER MAIN PLAN

Drawn By: DSM	Date	Scale	Engr's Job No.	Sheet No.
Checked By: MPY	Date 7/21/98	NOTED	9126	W–1
Certified By:	Date			

Scan – 1