

CONTRACTOR TO LOCATE AND PLUG EXISTING BRIDLE LANE 4" WATERLINE WHERE DIRECTED BY AUTHORITY.

NOTE 1:
EXISTING 8" VALVE AND VAULT SHALL BE REPLACED AS FOLLOWS:
CONTRACTOR SHALL NOTIFY OWNER AT LEAST 10 BUSINESS DAYS PRIOR TO COMMENCING THIS WORK. CONTRACTOR SHALL HAND EXCAVATE TO REMOVE EXISTING VALVE VAULT AND CONFIRM DIAMETER AND CONDITION OF EXISTING 8" STUB OFF OF THE EXISTING 10" WATERLINE. CONTRACTOR SHALL ALSO HAND EXCAVATE TO EXPOSE THE EXISTING GAS MAIN AND ADDRESS ANY POTENTIAL CONFLICTS WITH THE PROPOSED WATERLINE PRIOR TO COMMENCING THIS WORK. THE NEW RESTRAINED MECHANICAL JOINT 8" VALVE AND ALL ASSOCIATED FITTINGS AND HARDWARE NECESSARY FOR INSTALLATION SHALL BE ON-SITE AND CONFIRMED TO BE READY FOR INSTALLATION PRIOR TO INITIATING THE SHUTDOWN OF THE EXISTING 10" WATERLINE. THE SHUTDOWN WILL BE LIMITED TO 9:00 AM TO 4:00 PM ON A WEEKDAY. ALL CONNECTIONS SHALL BE RESTRAINED MECHANICAL JOINT CONNECTIONS FROM STA 10+00 TO STA 11+50 AT A MINIMUM.

PROPOSED DOUBLE WATER SERVICE
SEE DETAIL W-04 (TYP.)

EXISTING 4" WATERLINE TO BE ABANDONED IN PLACE PER WESTERN VIRGINIA WATER AUTHORITY STANDARDS (TYP.)

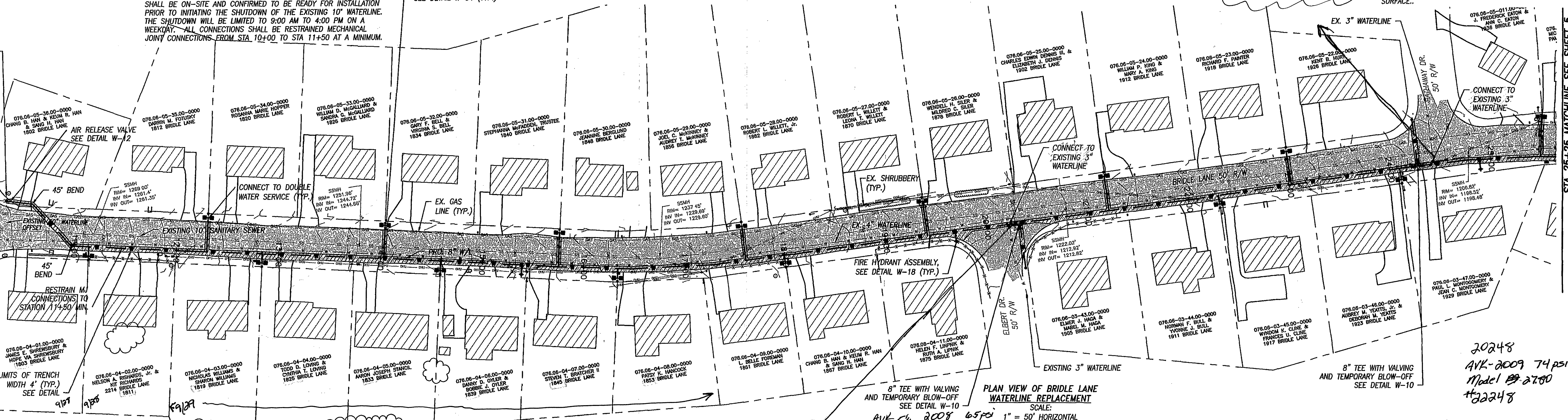
CONTRACTOR TO VERIFY SERVICE LOCATIONS FOR ALL CORNER LOTS.
CONTRACTOR TO CONNECT ANY CORNER LOTS THAT ARE SERVICED FROM EXISTING 4" BRIDLE LANE WATERLINE.
ALL DRIVEWAYS DISTURBED SHALL BE REPLACED BACK TO EXISTING.

PAVEMENT RESTORATION SHALL INCLUDE REPLACEMENT TO THE EXISTING EDGE OF PAVEMENT, REGARDLESS OF THE TRENCH WIDTH AND LOCATION UP TO ONE-HALF OF THE LANE WIDTH. A SAW CUT IS REQUIRED FOR ALL PAVEMENT DISTURBANCES PRIOR TO TRENCH EXCAVATION. A TACK COAT MUST BE APPLIED TO THE VERTICAL SURFACES OF THE EXISTING PAVEMENT STRUCTURE PRIOR TO PLACING NEW PAVEMENT STRUCTURE. THE PAVEMENT SECTION SHALL BE A MINIMUM OF 6" - VDOT 21B AGGREGATE, 3" - BM-25.0A BASE, AND 1-1/2" - VDOT SM-9.5A SURFACE.

REPLACE EXISTING 8" GATE VALVE AND VAULT, SEE NOTE 1

APPROXIMATE LOCATION OF 10" WATERLINE
APPROXIMATE LOCATION OF 6" WATERLINE

APPROXIMATE LOCATION OF 10" WATERLINE

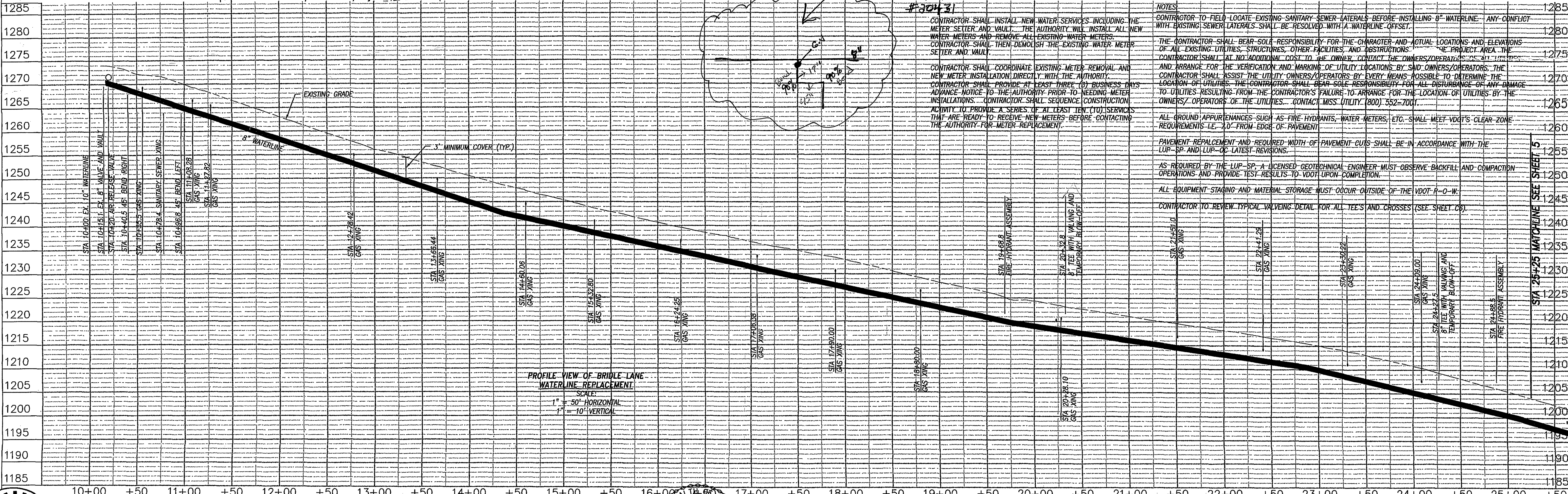


8" TEE WITH VALVING AND TEMPORARY BLOW-OFF
SEE DETAIL W-10

PLAN VIEW OF BRIDLE LANE WATERLINE REPLACEMENT
SCALE:
1" = 50' HORIZONTAL

8" TEE WITH VALVING AND TEMPORARY BLOW-OFF
SEE DETAIL W-10

20248
AVK-2009 74 psi
Model #2780
#22248



PROFILE VIEW OF BRIDLE LANE WATERLINE REPLACEMENT
SCALE:
1" = 50' HORIZONTAL
1" = 10' VERTICAL

CONTRACTOR SHALL INSTALL NEW WATER SERVICES INCLUDING THE METER SETTER AND VAULT. THE AUTHORITY WILL INSTALL ALL NEW WATER METERS AND REMOVE ALL EXISTING WATER METERS. CONTRACTOR SHALL THEN DEMOLISH THE EXISTING WATER METER SETTER AND VAULT.

CONTRACTOR SHALL COORDINATE EXISTING METER REMOVAL AND NEW METER INSTALLATION DIRECTLY WITH THE AUTHORITY. CONTRACTOR SHALL PROVIDE AT LEAST THREE (3) BUSINESS DAYS ADVANCE NOTICE TO THE AUTHORITY PRIOR TO NEEDING METER INSTALLATIONS. CONTRACTOR SHALL SEQUENCE CONSTRUCTION ACTIVITY TO PROVIDE A SERIES OF AT LEAST TEN (10) SERVICES THAT ARE READY TO RECEIVE NEW METERS BEFORE CONTACTING THE AUTHORITY FOR METER REPLACEMENT.

NOTES:
CONTRACTOR TO FIELD LOCATE EXISTING SANITARY SEWER LATERALS BEFORE INSTALLING 8" WATERLINE. ANY CONFLICT WITH EXISTING SEWER LATERALS SHALL BE RESOLVED WITH A WATERLINE OFFSET.

THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR THE CHARACTER AND ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES, STRUCTURES, OTHER FACILITIES, AND OBSTRUCTIONS. THE CONTRACTOR SHALL AT NO ADDITIONAL COST TO THE OWNER, CONTACT THE OWNERS/OPERATORS OF ALL UTILITIES AND ARRANGE FOR THE VERIFICATION AND MARKING OF UTILITY LOCATIONS BY SAID OWNERS/OPERATORS. THE CONTRACTOR SHALL ASSIST THE UTILITY OWNERS/OPERATORS BY EVERY MEANS POSSIBLE TO DETERMINE THE LOCATION OF UTILITIES. THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR ALL DISTURBANCE OF ANY DAMAGE TO UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ARRANGE FOR THE LOCATION OF UTILITIES BY THE OWNERS/OPERATORS OF THE UTILITIES. CONTACT MISS UTILITY (800) 552-7001.

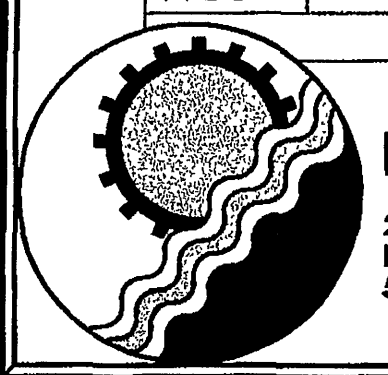
ALL GROUND APPURTENANCES SUCH AS FIRE HYDRANTS, WATER METERS, ETC. SHALL MEET VDOT'S CLEAR ZONE REQUIREMENTS I.E. 10' FROM EDGE OF PAVEMENT.

PAVEMENT REPLACEMENT AND REQUIRED WIDTH OF PAVEMENT CUTS SHALL BE IN ACCORDANCE WITH THE LUP-SP AND LUP-CC LATEST REVISIONS.

AS REQUIRED BY THE LUP-SP, A LICENSED GEOTECHNICAL ENGINEER MUST OBSERVE BACKFILL AND COMPACTION OPERATIONS AND PROVIDE TEST RESULTS TO VDOT UPON COMPLETION.

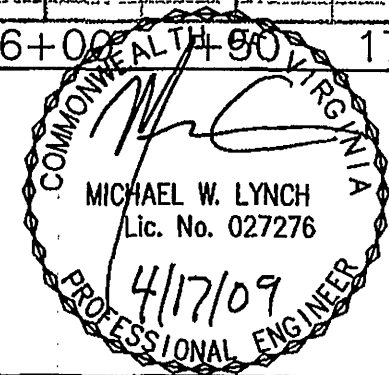
ALL EQUIPMENT STAGING AND MATERIAL STORAGE MUST OCCUR OUTSIDE OF THE VDOT R-O-W.

CONTRACTOR TO REVIEW TYPICAL VALVING DETAIL FOR ALL TEES AND CROSSES (SEE SHEET C6).



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No.	Revision	By	Appd.	Date	Drawn
1	WWA COMMENTS	JSC	MWL	2/11/09	JSC
					Designed JSC
					Checked MWL
					Approved MWL

PLAN AND PROFILE
BRIDLE LANE WATERLINE REPLACEMENT
WESTERN VA. WATER AUTHORITY

1" = 50' HOR.
FEBRUARY 11, 2009
PROJECT: 07053
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