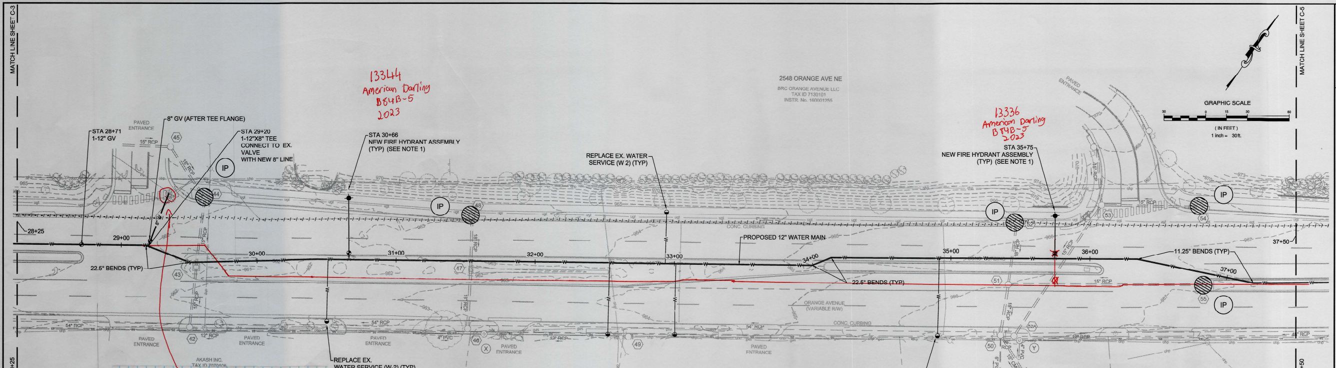
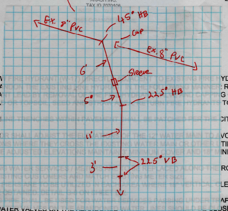
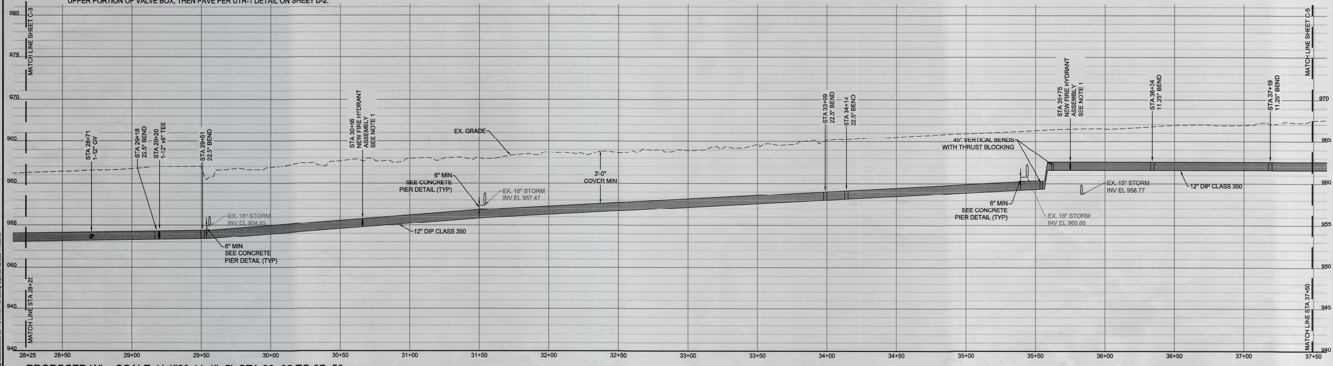




NOTES:

1. INSTALL NEW FIRE HYDRANT (W-17) DIRECTLY ADJACENT TO EXISTING FIRE HYDRANT. ONCE NEW WATER MAIN IS ACTIVE, ABANDON THE EXISTING FIRE HYDRANT IN THE FOLLOWING MANNER: REMOVE FIRE HYDRANT, ABANDON FIRE HYDRANT LEAD BY REMOVAL OF THE FIRE HYDRANT VALVE AND CAPPING OF THE LEAD, BACKFILL HOLE, AND PATCH ROAD OR TOPSOIL, SEED AND STRAW AREA. RETURN FIRE HYDRANTS TO THE AUTHORITY OPERATIONS CENTER.
2. ALL WATERLINE TRENCHES WITHIN PAVEMENT SHALL BE PATCHED PER THE CITY OF ROANOKE DETAIL UTR-1 ON SHEET D-2.
3. CONTRACTOR SHALL ADJUST THE ELEVATIONS OF THE 12" WATER MAIN TO AVOID BENDS ON THE BRANCH CONNECTIONS WHERE THEY CROSS THE EXISTING WATER MAIN OR OTHER UTILITIES. THE CONTRACTOR SHALL ENSURE THE ADJUSTED ELEVATIONS MAINTAIN 3' MINIMUM COVER AND 18" MINIMUM SEPARATION WITH CROSSING UTILITIES.
4. ALL EXISTING WATER SERVICES / METERS ARE TO BE REPLACED ALONG THE ROUTE OF THE NEW 12" WATER LINE FOR ALL EXISTING CUSTOMERS AND MATCH EXISTING METER SIZE.
5. CONCRETE PIERS ARE TO BE UTILIZED IN EACH AREA WHERE 18" VERTICAL CLEARANCE FROM OTHER UTILITIES CANNOT BE OBTAINED. DETAIL [illegible] ON SHEET D-2.
6. A 2" CASING PIPE SHALL BE USED FOR WATER SERVICES PASSING UNDER TRAFFIC LANES.
7. EXISTING WATER VALVES ON THE ABANDONED WATER LINES SHOULD BE CLOSED, REMOVE VALVE BOX LID AND UPPER PORTION OF VALVE BOX, THEN PAVE PER UTR-1 DETAIL ON SHEET D-2.



PROPOSED WL - SCALE: H:1"30, V: 1"=5' STA 28+25 TO 37+50

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COMMONWEALTH OF VIRGINIA
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WATERLINE PLAN AND PROFILE (3 OF 6)

ORANGE AVE & GUS NICKS WATER MAIN REPLACEMENT

ROANOKE, VIRGINIA

REVISIONS

9/22/23
RFI 1 Realignment

DESIGNED BY:	WOR
DRAWN BY:	YCA / YM / ASZ
CHECKED BY:	SRG
SCALE:	1"=30'
DATE:	9/22/2023
PROJECT NUMBER:	507666

C-4
9 OF 20