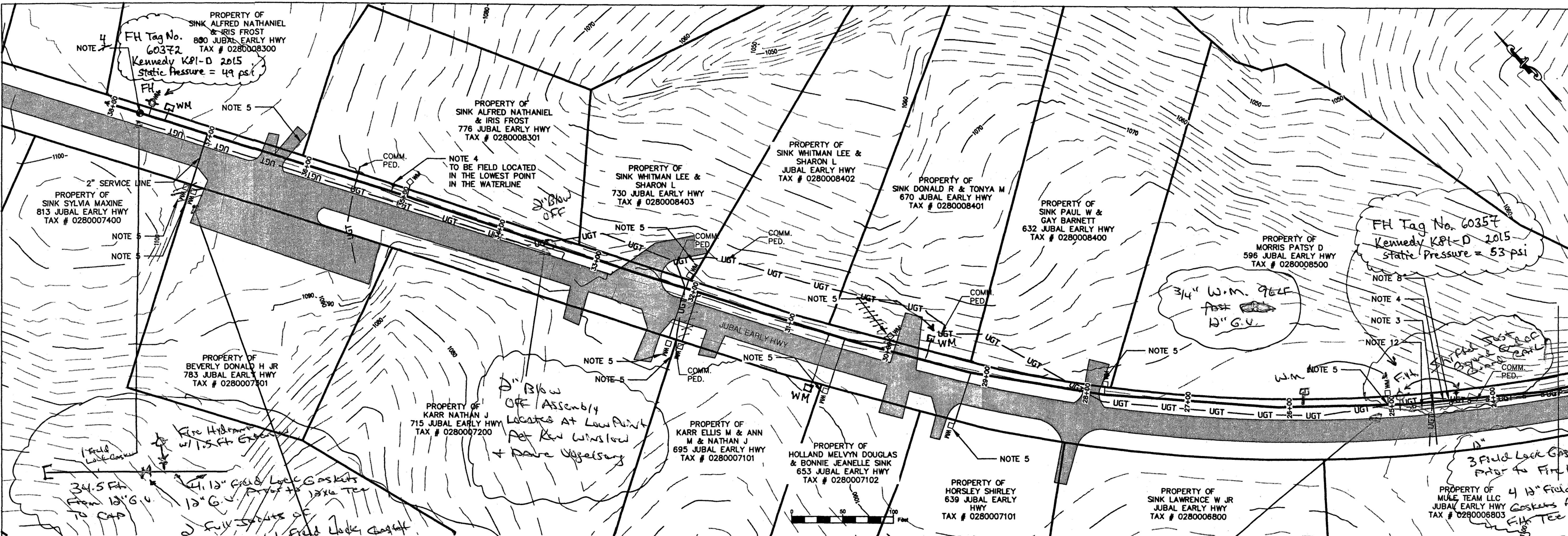




WATER NOTES

1. ALL WATER FACILITIES SHALL BE INSTALLED ACCORDING TO THE WESTERN VIRGINIA WATER AUTHORITY (WVWA) DESIGN AND CONSTRUCTION STANDARDS (LATEST REVISION).
2. ALL CONNECTIONS TO THE EXISTING WATER MAINS SHALL BE COORDINATED WITH THE WVWA.
3. A MINIMUM COVER OF 3 FEET IS REQUIRED OVER PROPOSED LINES.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE VAULTS AFTER PAVING AND ADJUSTMENT TO FINAL GRADE IF NECESSARY.
5. ALL EXISTING UTILITIES MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH THE STATE WATER WORKS REGULATION, SECTION 12.05.03 WHERE LINES CROSS.
6. ALL EXCAVATION, BACKFILL AND PAVEMENT REPLACEMENT IN THE VDOT RIGHT OF WAY SHALL BE REPLACED IN ACCORDANCE WITH THE LUP-SP & LUP-OC PROVISIONS.
7. ALL TRENCHES IN EXISTING RIGHT OF WAYS SHALL BE COMPACTED ACCORDING TO VDOT STANDARDS.
8. ALL WATER MAINS SHALL BE CLASS 350 DUCTILE IRON IN ACCORDANCE WITH AWWA C151.
9. ALL PAVEMENT CUTS SHOULD BE SAW CUT AND EDGES TACK COATED PRIOR TO PAVING.
10. THE CONTRACTOR SHALL FLUSH AND DISINFECT IN ACCORDANCE WITH AWWA SPECIFICATION C651, LATEST REVISION.

VDOT NOTE

ANY EXISTING ROADSIDE DITCHES THAT ARE DISTURBED DURING WATER LINE INSTALLATION SHALL BE RESTORED TO EXISTING CONDITIONS.

CONTRACTOR NOTES

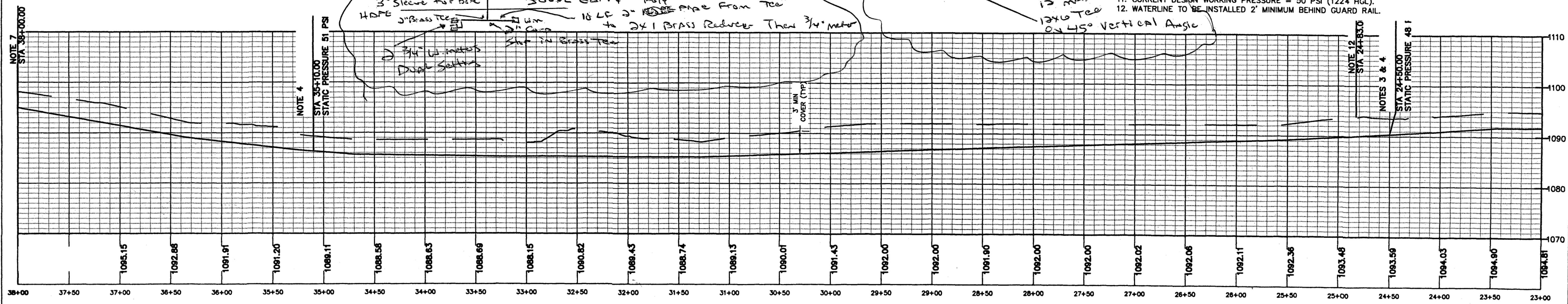
1. CONTRACTOR TO COORDINATE LOCATION OF SERVICE LINES WITH PROPERTY OF OWNERS PRIOR TO INSTALLATION.
2. ALL FIELD ADJUSTMENTS SHALL BE APPROVED BY WVWA. ALL FIELD ADJUSTMENTS SHALL BE DOCUMENTED IN FINAL AS-BUILT DRAWINGS. ENGINEER SHALL APPROVE ANY CHANGES THAT EFFECT THE HYDRAULICS OF THE PROJECT.

MATERIAL STORAGE AND STOCKPILES

THE CONTRACTOR WILL BE RESPONSIBLE FOR MATERIAL STORAGE AND STOCKPILES. THIS PLAN DOES NOT ACCOUNT FOR ANY LOCATION FOR SUCH IF STORAGE AREAS ARE REQUIRED FOR THIS PROJECT. THE CONTRACTOR WILL COORDINATE THOSE LOCATIONS AND MAKE REDLINED CHANGES TO THE APPROVED PLAN.

CONSTRUCTION NOTES

1. CONTRACTOR TO EXCAVATE EXISTING END OF 12" WATERLINE TO BEGIN CONSTRUCTION. PIPE SHALL BE VISUALLY INSPECTED FOR DAMAGE BEFORE CONNECTION IS COMPLETE.
2. 12" DIP AND AWWA C151, CLASS 350
3. 12" GATE VALVE & VAULT (W-9)
4. FIRE HYDRANT ASSEMBLY (W-17)
5. NEW WATER SERVICE (W-1)
6. AIR VALVE ASSEMBLY (W-13)
7. TEMPORARY END OF LINE BLOW OFF ASSEMBLY (W-11)
8. CONTRACTOR MAY FIELD ADJUST WATERLINE TO PROTECT/AVOID EXISTING FIBER OPTIC AND COMMUNICATION UNDERGROUND CABLES.
9. CONTRACTOR TO INSTALL WATERLINE 3' OFF THE EDGE OF PAVEMENT AND MAINTAIN 3' OF COVER WHILE FOLLOWING ALL REQUIREMENTS UNDER THE VDOT LAND USE PERMIT. ONE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES. ANY PAVEMENT CUTS MUST BE COMPLETED AT A TIME WHERE WEATHER WILL PERMIT PROMPT REPAIR OF THE PAVEMENT.
10. SILT FENCE TO BE INSTALLED AS SHOWN IN VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK.
11. CURRENT DESIGN WORKING PRESSURE = 50 PSI (1224 HGL).
12. WATERLINE TO BE INSTALLED 2' MINIMUM BEHIND GUARD RAIL.



JUBAL WATER 2
SCALE
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 50'

WESTERN VIRGINIA

WATER AUTHORITY

ENGINEERING SERVICES
601 S JEFFERSON ST, SUITE 300
ROANOKE, VA 24011
540-853-5641 or 540-853-5770

DAVID M. VOELSKING
5-7-2015
Lic. No. 023274
PROFESSIONAL

BURNT CHIMNEY WATER
EXTENSION

PLAN & PROFILE 2

By	Date	Description	Rev
	5-7-15	ADDITIONAL METERS	1.

Designed: DMV
Drawn: AAS
Checked: DMV
Approved:
Date: 4-24-15
Project:
3
Sheet 3 of 3