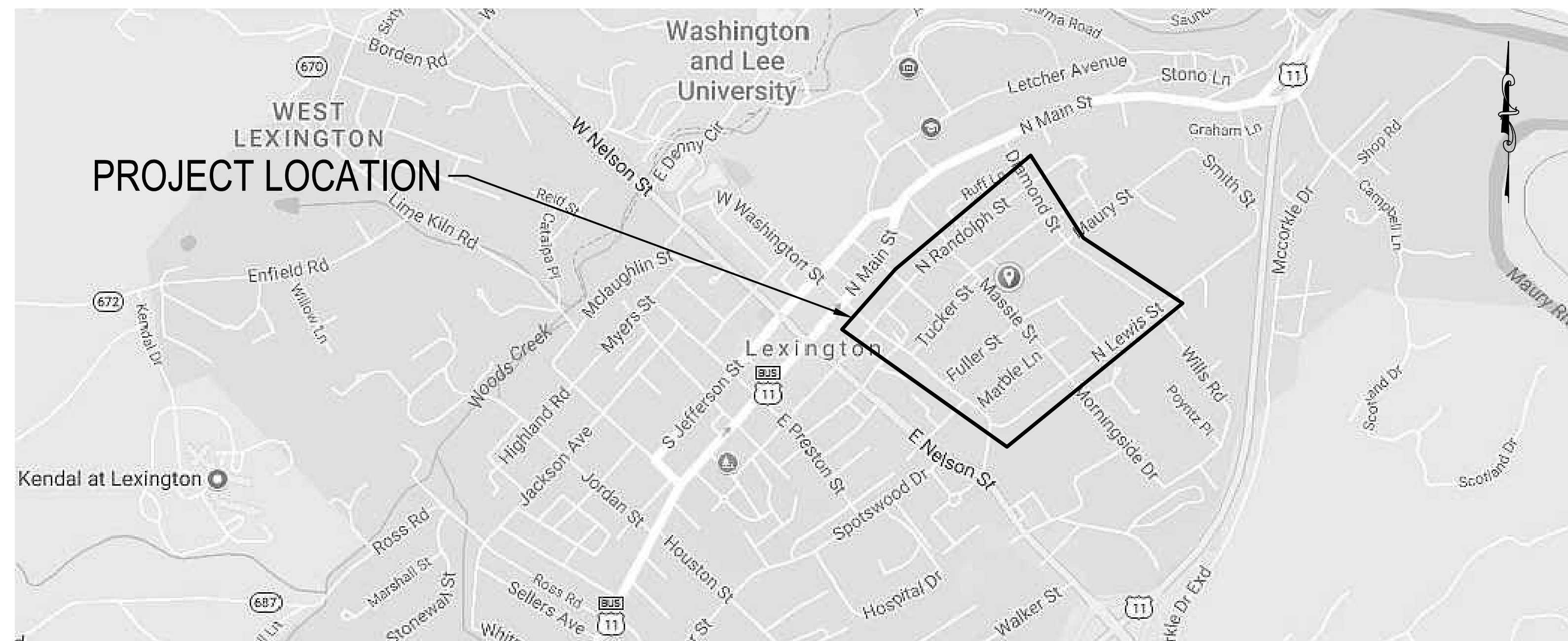


LOCATION PLAN
NO SCALE

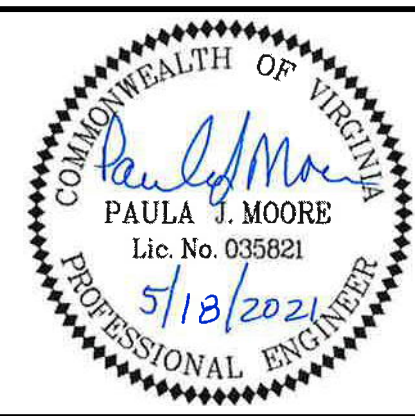
CITY OF LEXINGTON PUBLIC WORKS DIAMOND HILL AREA WATER SYSTEM IMPROVEMENTS



VICINITY MAP
NO SCALE

MAY 2021

DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER
G-1	COVER SHEET	1
G-2	GENERAL NOTES & PROPOSED LEGEND	2
G-3	EXISTING UTILITY SCHEDULES, NOTES & LEGEND	3
G-4	EXISTING UTILITY SCHEDULES	4
G-5	EXISTING UTILITY SCHEDULES	5
G-6	EROSION & SEDIMENT CONTROL & STORMWATER NOTES	6
G-7	EROSION & SEDIMENT CONTROL DETAILS	7
G-8	STANDARD DETAILS	8
G-9	STANDARD DETAILS	9
G-10	SHEET LAYOUT & FIRE HYDRANT COVERAGE MAP	10
C-01	8" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 15+15 E. WASHINGTON STREET	11
C-02	8" WATER MAIN PLAN - PROFILE STA. 15+15 TO STA. 20+50 E. WASHINGTON STREET	12
C-03	8" WATER MAIN PLAN - PROFILE STA. 20+50 TO STA. 23+04 E. WASHINGTON STREET	13
C-04	8" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 15+25 N. RANDOLPH STREET	14
C-05	8" WATER MAIN PLAN - PROFILE STA. 15+25 TO STA. 20+00 N. RANDOLPH STREET	15
C-06	8" WATER MAIN PLAN - PROFILE STA. 20+00 TO STA. 25+00 N. RANDOLPH STREET	16
C-07	8" WATER MAIN PLAN - PROFILE STA. 25+00 TO STA. 27+84 N. RANDOLPH STREET	17
C-08	6" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 13+87 E. HENRY STREET	18
C-09	8" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 15+00 MASSIE STREET	19
C-10	8" WATER MAIN PLAN - PROFILE STA. 15+00 TO STA. 20+00 MASSIE STREET	20
C-11	8" WATER MAIN PLAN - PROFILE STA. 20+00 TO STA. 24+66 MASSIE STREET	21
C-12	6" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 15+00 SENENEY LANE	22
C-13	6" WATER MAIN PLAN - PROFILE STA. 15+00 TO STA. 17+77 SENENEY LANE	23
C-14	6" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 14+58 TUCKER STREET	24
C-15	6" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 14+36 FULLER STREET	25
C-16	6" WATER MAIN PLAN - PROFILE STA. 10+00 TO STA. 15+61 PEYTON STREET	26
H-1	TEMPORARY TRAFFIC CONTROL PLAN NOTES	27
H-2	TEMPORARY TRAFFIC CONTROL PLAN FIGURE 1	28
H-3	TEMPORARY TRAFFIC CONTROL PLAN FIGURE 2	29
H-4	TEMPORARY TRAFFIC CONTROL PLAN FIGURE 3	30
H-5	TEMPORARY TRAFFIC CONTROL PLAN FIGURE 4	31
H-6	TEMPORARY TRAFFIC CONTROL PLAN FIGURE 5	32



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: PJM	SCALE: N/A
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CHECK: PJM	VERT: N/A
DATE: 5/18/21	

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

COVER

REV	DATE	DESCRIPTION

DRAWING	SHEET
G-01	1

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT MANUAL, CITY STANDARDS, AND THE VDH WATERWORKS REGULATIONS, UNLESS SUPERCEDED BY THOSE OF GOVERNING STATE OR FEDERAL AUTHORITIES (VDOT, DEQ, DCR, ETC.) HAVING JURISDICTION. IN SUCH INSTANCES THE MOST STRINGENT RULES AND CRITERIA SHALL APPLY.
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 59.1-406, ET SEQ. OF THE CODE OF VIRGINIA OVERHEAD HIGH VOLTAGE LINES SAFETY ACT. COORDINATE WITH THE LOCAL POWER COMPANY TO TEMPORARILY LIFT, SUPPORT, PULL ASIDE OR DEACTIVATE ANY POWER LINES, WHICH MAY REPRESENT DANGER TO THE CONTRACTOR, WORKERS OR EQUIPMENT. CONTRACTOR SHALL PROTECT ALL UTILITY POLES ADJACENT TO THE PIPELINE EXCAVATION. ALL TEMPORARY BRACING SHALL BE PERFORMED BY THE LOCAL POWER COMPANY OR TO THEIR SATISFACTION. COORDINATE THE REMOVAL, REPLACEMENT OR REINSTALLATION OF ALL GUY CABLES (IF ANY) AND TEMPORARY SUPPORT POLES WITH LOCAL POWER COMPANY. ALL COST SHALL BE INCLUDED IN CONTRACTOR'S BID.
3. TEMPORARY ACCESS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. EXCEPTIONS MUST BE APPROVED BY THE CITY OR OTHER GOVERNING JURISDICTIONS.
4. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MAINTENANCE OF TRAFFIC PLANS AND THE MOST RECENT VERSION OF THE VIRGINIA WORK AREA PROTECTION MANUAL AND THE MUTCD MANUAL. FLUORESCENT PRISMATIC DIAMOND GRADE LENS SHEETING SIGNS SHALL BE USED IN ALL WORK ZONES.
5. OSHA REQUIREMENTS FOR WORK ZONE AND WORKER SAFETY SHALL BE STRICTLY ADHERED TO. PROTOCOLS FOR TRENCH SAFETY AND STABILITY ARE OF PARTICULAR IMPORTANCE. TEMPORARY TRENCH SUPPORT SYSTEMS SHALL BE DESIGNED AND INSPECTED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF VIRGINIA.
6. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR SECURING HIS WORK ZONE AND FOR THE PUBLIC'S SAFETY IN AND AROUND THE SITE. TEMPORARY BARRIERS, FENCING AND ADVANCE WARNING DEVICES SHALL BE EMPLOYED AS NECESSARY. IN NO CASE SHALL OPEN EXCAVATIONS, MANHOLES, VALVE BOXES, ETC. BE LEFT UNATTENDED AFTER WORK HOURS WITHOUT APPROPRIATE ADVANCED WARNING AND PROTECTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF SURROUNDING STRUCTURES, APPURTENANCES AND PROPERTY. TEMPORARY SHORING, BRACING, MATTING OR OTHER PRECAUTIONS SHALL BE USED AS CONDITIONS NECESSITATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS ARISING FROM HIS NEGLIGENCE.
8. THE CONTRACTOR SHALL MAKE PROVISIONS TO MAINTAIN EMERGENCY SERVICE AND OWNER ACCESS TO ALL PROPERTIES DURING CONSTRUCTION. RESTRICTIONS TO PROPERTY INGRESS/ EGRESS MUST BE APPROVED BY THE CITY AND IMPACTED OWNERS PROVIDED 24 HOURS ADVANCE NOTICE BY THE CONTRACTOR. FIRE HYDRANTS SHALL REMAIN UNOBSTRUCTED AT ALL TIMES.
9. THE CONTRACTOR SHALL MANAGE ON-SITE AND OFF-SITE STORAGE AND STOCKPILE AREA STORMWATER DISCHARGES IN ACCORDANCE WITH REQUIRED PERMITS. SWALES, DITCHES, CHANNELS, PIPES AND STRUCTURES SHALL BE KEPT CLEAN AND IN PROPER WORKING ORDER AT ALL TIMES. THE CONTRACTOR WILL BE LIABLE FOR DAMAGES ARISING FROM HIS NEGLIGENCE.
10. THE CONTRACTOR SHALL OBTAIN ANY NEEDED OFF-SITE STORAGE AND STOCKPILE AREAS, AND PROVIDE EVIDENCE OF WRITTEN PERMISSION TO USE PROPERTY FOR SUCH PURPOSE, IF REQUESTED.
11. CONSTRUCTION DEBRIS SHALL BE CONTAINED IN ACCORDANCE WITH THE VIRGINIA LITTER CONTROL ACT.
12. ALL CONSTRUCTION SPOILS SHALL BE LAWFULLY DISPOSED OF.
13. THE CONTRACTOR SHALL CALL "MISS UTILITY" AT 1-800-552-7001 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO COMMENCING EXCAVATION ACTIVITIES.
14. THE ACCURACY OF THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES IDENTIFIED BY THESE DRAWING IS NOT GUARANTEED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THIS INFORMATION PRIOR TO CONSTRUCTION. DISCREPANCIES IMPACTING DESIGN SHALL BE BROUGHT TO THE CITY'S IMMEDIATE ATTENTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES WITHIN THE WORK ZONE DURING CONSTRUCTION. SHOULD THESE FACILITIES BE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE IMPACTED UTILITY COMPANY, OR OWNER. ALL DAMAGES WILL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
15. THE CONTRACTOR SHALL EXCAVATE TEST PITS TO DETERMINE THE DEPTH AND SIZE OF ALL CROSSING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
16. CLEARANCES REQUIRED BY THE VIRGINIA DEPARTMENT OF HEALTH SHALL BE MAINTAINED BETWEEN THE PROPOSED WATER MAIN AND EXISTING SANITARY SEWERS. CLEARANCE TO OTHER UTILITIES SHALL BE AS SHOWN ON THE DRAWINGS.
17. TEMPORARILY BRACE OR OTHERWISE SUPPORT AND PROTECT ALL EXISTING UTILITIES, WHICH ARE EXPOSED DURING EXCAVATION SO AS TO NOT DAMAGE OR WEAKEN THEM. ANY DAMAGED UTILITIES SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
18. THE CONTRACTOR SHALL MAINTAIN UTILITY SERVICE TO ALL CUSTOMERS THROUGHOUT CONSTRUCTION. ALL OUTAGES MUST BE PRE-APPROVED BY THE APPLICABLE AUTHORITIES AND IMPACTED CUSTOMERS NOTIFIED FORTY-EIGHT (48) HOURS IN ADVANCE.
19. THE CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE CITY ENGINEER AT LEAST SEVEN (7) DAYS PRIOR TO CONSTRUCTION.
20. THE CONTRACTOR SHALL NOTIFY THE CITY'S PUBLIC WORKS DEPARTMENT AT 540-463-3154 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
21. REGULAR WORKING HOURS SHALL BE BETWEEN 8:00 AM AND 5:00 PM, MONDAY THROUGH FRIDAY. WORK OUTSIDE OF THESE HOURS, ON WEEKENDS, AND ON HOLIDAYS MUST BE PRE-APPROVED BY THE CITY. DEPENDING ON PROJECT COMPLEXITY AND DURATION, WORK ADJACENT TO SCHOOLS OR IN THE CITY'S CENTRAL BUSINESS DISTRICT MAY HAVE SPECIAL WORK HOUR RESTRICTIONS IMPOSED.
22. REGULAR PROGRESS MEETINGS WILL BE SCHEDULED AT THE CITY'S DISCRETION DEPENDING UPON PROJECT COMPLEXITY AND DURATION.
23. THE PROJECT MANUAL AND DRAWINGS AND ALL ASSOCIATED PERMITS SHALL BE MAINTAINED AT THE SITE AT ALL TIMES.
24. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY WILL REQUIRE A RIGHT-OF-WAY PERMIT. THIS PERMIT MAY BE OBTAINED FROM THE CITY'S PUBLIC WORKS DEPARTMENT. THE FEE FOR THIS PERMIT IS WAIVED FOR ALL CITY ADMINISTERED PROJECTS. ALL ANTICIPATED ROADWAY OR PEDESTRIAN SIDEWALK IMPACTS, PROJECT HAUL ROUTES, OR SPECIAL TRAFFIC ASSISTANCE NEEDS, MUST BE ADDRESSED BY THE CONTRACTOR AND APPROVED BY THE CITY AT THIS TIME. DEPENDING ON PROJECT COMPLEXITY, THE CITY MAY REQUIRE THE CONTRACTOR TO SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO ISSUANCE OF THE RIGHT-OF-WAY PERMIT.
25. DEPENDING ON THE NATURE OF THE WORK, ADDITIONAL COUNTY, STATE OR FEDERAL PERMITS MAY BE REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THESE PERMITS PRIOR TO CONSTRUCTION.
26. WATER MAINS SHALL BE HYDROSTATICALLY PRESSURE AND LEAK TESTED IN ACCORDANCE WITH AWWA C600.
27. DENSITY AND CONCRETE TESTING SHALL BE PERFORMED BY STATE CERTIFIED LABORATORIES.
28. THE CONTRACTOR MAY PERFORM HIS OWN HYDROSTATIC TESTING AFTER PROVIDING THE CITY WITH APPROPRIATE CERTIFICATIONS FOR THE TESTING EQUIPMENT EMPLOYED.
29. ALL TEST RESULTS SHALL BE SUBMITTED TO THE CITY.
30. ALL MATERIALS AND APPURTENANCES FAILING THE TESTS REQUIRED HEREIN SHALL BE REPAIRED OR REPLACED TO THE CITY'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
31. ALL WATER MAINS, SERVICES AND APPURTENANCES SHALL BE FLUSHED AND DISINFECTED PRIOR TO BEING PLACED INTO SERVICE IN STRICT CONFORMANCE WITH AWWA C651 AND VIRGINIA DEPARTMENT OF HEALTH REQUIREMENTS.
32. THE CONTRACTOR SHALL ADHERE TO STATE CRITERIA FOR THE DISCHARGE OF FLUSHED CHLORINATED WATERS. DECHLORINATION PROTOCOLS SHALL BE EMPLOYED FOR WATERS WITH RESIDUALS ABOVE STATE LIMITS FOR THE RECEIVING WATER/ FACILITY DISCHARGED TO.
33. AFTER FINAL FLUSHING, WATER MAINS SHALL BE BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH THE PROJECT MANUAL. TESTS RESULTS SHALL BE PROVIDED TO THE CITY.
34. DIRECT TAPPING OF WATER MAINS MUST BE APPROVED BY THE CITY.
35. PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH DETAIL G-01 AND THE PROJECT MANUAL. THE ROAD MAY BE OPENED TO TRAFFIC WITH THE BM-25A BINDER COURSE INSTALLED AND PLACED TO SAFELY ACCOMMODATE TRAFFIC AND THE FINAL SURFACE COURSE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THIS PAVEMENT UNTIL THE FINAL SURFACE COURSE IS INSTALLED. IN NO INSTANCE WILL THE CONTRACTOR BE ALLOWED TO OPEN TRAFFIC WITH VERTICAL DROP-OFFS ADJACENT TO THE TRAVEL LANE EXCEEDING TWO (2) INCHES. A LEGAL TRAVEL LANE SHALL BE A MINIMUM TEN (10) FOOT WIDTH.
36. RESTORE THE SURFACE OF ALL EXCAVATIONS TO THE ORIGINAL LINE AND GRADE. REINSTALL OR REPLACE ALL EXISTING IMPROVEMENTS, INCLUDING MAILBOXES, FENCING, LANDSCAPING, PRIVATE LIGHT POLES, SIDEWALKS, CONCRETE APRONS, DRIVEWAYS, CURB & GUTTER, CONCRETE DITCHES, GUARDRAIL, ETC. DISTURBED BY THE CONTRACTOR WHETHER SPECIFICALLY CALLED OUT ON THE DRAWINGS OR NOT. CONTRACTOR IS OBLIGATED TO SURVEY THE ROUTE PRIOR TO BID TO IDENTIFY ALL SUCH ITEMS AND TO INCLUDE THE COSTS OF SUCH ITEMS IN THEIR BID.
37. CONTRACTOR SHALL REPAIR/REPLACE ALL TRAFFIC CONTROL FACILITIES DAMAGED DURING CONSTRUCTION INCLUDING ALL PAVEMENT MARKINGS AND STRIPING, RUMBLE STRIPS, AND SIGNAL CONTROL WIRING. COST FOR REPAIR/REPLACEMENT SHALL BE INCLUDED IN THE COST FOR INSTALLATION OF ASPHALT CONCRETE SURFACE COURSE.
38. THE CONTRACTOR SHALL NOT EXCAVATE MORE TRENCH LENGTH THAN CAN BE RESTORED TO GRADE THAT SAME WORK DAY. ALL TRENCHES SHALL BE BACKFILLED OR PLATED AT THE END OF EACH WORK DAY OR WHEN THE CONTRACTOR IS NOT ON SITE.
39. ITEMS TO BE DEMOLISHED SHALL BE NEATLY SAW CUT WITH A CLEAN VERTICAL FACE AND STRAIGHT HORIZONTAL ALIGNMENT. REPAIRS TO ASPHALT PAVEMENTS SHALL BE SQUARE AND OF A WIDTH TO ACCOMMODATE PROPER COMPACTION EQUIPMENT. CONCRETE INFRASTRUCTURE SHALL BE REMOVED TO THE NEAREST JOINT. CONCRETE ENTRANCES SHALL BE REPLACED TO THE CENTERLINE AT MINIMUM. BRICK PAVERS SHALL BE PRESERVED AND REPLACED IN AN EQUAL AND CONTINUOUS PATTERN.
40. EXISTING CONDITIONS MAY NECESSITATE DEVIATIONS FROM PLAN LINE AND GRADE. ALL FIELD ADJUSTMENTS SHALL BE APPROVED BY THE CITY OR ITS REPRESENTATIVE. CHANGES IN CONTRACT SCHEDULE OR PRICE WILL NOT BE ACCEPTED WITHOUT THIS APPROVAL.
41. FIELD CHANGES SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO SUCH CONSTRUCTION.
42. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE AND ALL PROPOSED IMPROVEMENTS UNTIL FINAL ACCEPTANCE BY THE CITY. UPON ACCEPTANCE, THE CONTRACTOR SHALL WARRANT ALL IMPROVEMENTS FOR A PERIOD OF ONE (1) YEAR.
43. THE CONTRACTOR SHALL PROVIDE THE CITY WITH SURVEYED RECORD DRAWINGS PRIOR TO FINAL ACCEPTANCE. THIS SUBMISSION SHALL CONSIST OF TWO (2) PHYSICAL COPIES AND ONE (1) DIGITAL COPY.

SYMBOL LEGEND (PROPOSED)

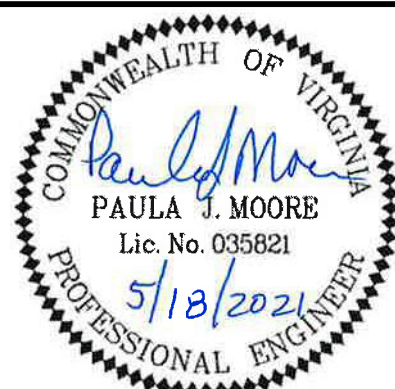
- W — W — WATER MAIN
- - - - - WATER MAIN TO BE ABANDONED
- X - X - X - X - X - WATER MAIN TO BE REMOVED
- FIRE HYDRANT
- ⊗ GATE VALVE & BOX
- BLOW-OFF VALVE
- ⊙ AIR RELEASE VALVE
- WSC, O^{WM} SINGLE RESIDENTIAL WATER SERVICE, SEE DETAIL W-12 UNLESS OTHERWISE SHOWN
- ⊗ CONCRETE OR BRICK SIDEWALK, CURB & GUTTER AND CURB REMOVAL AND REPLACEMENT IN KIND

DEMOLITION OF UTILITY VAULT OR VALVE BOX INCLUDING ALL NEEDED FILL AND SURFACE RESTORATION

- ⊗ RESTORATION FOR DEMOLISHED VALVE VAULT OR BOX

PROJECT NOTES:

1. THE WATER MAIN TEST PRESSURE SHALL BE 200 PSI.
2. CONTRACTOR SHALL COORDINATE WITH POWER COMPANY TO PROVIDE TEMPORARY SUPPORT FOR POWER POLES AS NEEDED.
3. CONTRACTOR SHALL COORDINATE WITH CITY AND LAND OWNER AND PRUNE TREES AS NEEDED TO AVOID TEARING LIMBS AND ROOTS.
4. WHEN EXCAVATING WITHIN THE CRITICAL ROOT ZONE (CRZ)/DRIPLINE OF ANY TREE OR SHRUB, CONTRACTOR SHALL PERFORM THE FOLLOWING:
 - A. PROTECT THE TRUNKS OF TREES FROM SCRAPING AND GOUGING TO A HEIGHT OF AT LEAST EIGHT FEET.
 - B. PLACE EXCAVATED MATERIAL OUTSIDE THE CRZ.
 - C. PRUNE JAGGED ROOTS BACK TO THE TRENCH WALL CLOSEST TO THE TREE. USE A HANDHELD PRUNER OR PRUNING SAW TO MAKE SHARP, CLEAN CUTS.
 - D. REPLACE THE BACKFILL ON THE SAME DAY. COVER EXPOSED ROOTS TO PREVENT DRYING OUT.
5. FOR CLARITY, WORK ASSOCIATED WITH THE DIAMOND HILL AREA SEWER REPLACEMENT PROJECT HAS NOT BEEN SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL PROPOSED WORK SHOWN ON THIS PLAN SET AND THE DIAMOND HILL AREA SEWER REPLACEMENT PLAN SET, INCLUDING COORDINATION BETWEEN OVERLAPPING AND/OR ADJACENT CONSTRUCTION.



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: PJM	SCALE: N/A
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DATE: 5/18/21	

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

GENERAL NOTES & PROPOSED LEGEND

DRAWING
G-02

SHEET
2

REV	DATE	DESCRIPTION

EROSION AND SEDIMENT CONTROL NARRATIVE:

PROJECT DESCRIPTION:

Installation of approximately 7,800 linear feet of 6-inch and 8-inch dia. water main, including all necessary services and appurtenances within the right-of-way of the City of Lexington.

AREA OF DISTURBANCE:

Total Disturbed Area: 40,790 Sq.Ft. (0.94 ACRES)
Total Impervious Area: 36,590 Sq.Ft. (0.84 ACRES)
Total Pervious Area: 4,200 Sq.Ft. (0.10 ACRES)

EXISTING SITE CONDITIONS:

Existing site conditions are shown on the attached plan sheets.

ADJACENT PROPERTY:

Ownership, tax map number relevant easement references, streams, and roads are shown for each adjacent and/or affected property.

OFF-SITE AREAS:

If off-site areas are required, then the location of all off-site fill, borrow, and/or staging areas associated with the construction of this project shall be provided to the City of Lexington prior to the pre-construction meeting. An ESC plan or measures may be required for these areas.

SOILS:

The following soils information is according to the SCS soils information from the NRCS Web Soil Survey:

- 29C - Groseclose-Needmore-Urban land complex, 0-15% slopes (90.3% of site)
- 44E - Needmore-Urban land complex, 15-35% slopes (9.7% of site)

CRITICAL EROSION AREAS:

Early establishment and proper maintenance of perimeter controls will provide sedimentation control. Stabilize and maintain ditches and exposed soil throughout project construction to control erosion.

EROSION AND SEDIMENT CONTROL MEASURES:

Unless otherwise indicated, all vegetative and structural erosion and sediment control practices shall be constructed and maintained according to minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook, Third Edition (VESCH). The minimum standards of the VESCH shall be adhered to unless otherwise directed by the City.

STRUCTURAL PRACTICES:

SILT FENCE - 3.05: Silt fence sediment barriers shall be installed downslope of areas with minimal grades to filter sediment-laden runoff from sheet flow as indicated.

STORM DRAIN INLET PROTECTION - 3.07: Stone filters shall be placed at the inlet of all drainage structures as indicated.

CULVERT INLET PROTECTION - 3.08: Culvert inlet protection shall be installed to prevent sediment from entering, accumulating in, and being transferred by a culvert and associated drainage system prior to permanent stabilization of the disturbed project area.

PERMANENT STABILIZATION:

All grassed areas disturbed by construction shall be stabilized with permanent seeding immediately following finish grading. Seeding shall be in accordance with Std. & Spec. 3.32, Permanent Seeding. All seed type shall be as specified for "minimum care lawns" and "general slopes" in the VESCH. Mulch shall be used on all seeded surfaces. In all seeding operations, seed, fertilizer, and lime shall be applied prior to mulching.

MANAGEMENT STRATEGIES:

- 1. Construction shall be sequenced so that grading operations can begin and end as quickly as possible.
2. Isolate trenching for utilities and drainage from downstream conveyances in order to minimize perimeter controls.
3. All cut and fill slopes shall be seeded within seven (7) days of achieving final grade.
4. All erosion and sediment control practices shall be maintained until they are no longer required to comply with the contract documents or state law. Only after inspection and approval from the City may items be removed following the stabilization of contributing areas.

INSPECTIONS:

The general contractor shall inspect disturbed areas of the site that have not been fully stabilized, areas used for materials storage and stockpile areas which are exposed to precipitation, structural control measures, and construction vehicle access areas at least every fourteen (14) calendar days, and within forty-eight (48) hours of the end of a storm event producing one-half (1/2) inch or greater of precipitation. Where areas have been permanently or temporarily stabilized, or runoff is unlikely due to winter conditions, such inspections shall be conducted at least once every month.

Inspect disturbed areas, materials storage areas and stockpile areas which are exposed to precipitation for evidence of, or the potential for sediment entering the storm drain system. Inspect erosion and sediment control measures in accordance with requirements stated in the contract documents, and inspect storm drain discharge points for excessive sedimentation. Correct site controls as required to reduce sedimentation of storm drains, culverts, and receiving channels.

If controls or sediment prevention areas are found to need repair or modification, the general contractor shall provide additional measures or modifications as required. Any additional measures or modifications to existing controls shall be recorded as field revisions to these plans. In the event that additional controls are found to be required, the general contractor shall be responsible for implementing and installing these controls before the next anticipated storm event.

A report summarizing the scope of inspections, name of inspector, inspector's certification, dates of inspections, major observations pertaining to the implementation of these erosion control plans, and actions taken shall be documented and retained as a part of these plans. Major observations shall include: the locations of excessive sedimentation from the site, locations of controls requiring repair, locations of failed or inadequate controls, and locations where additional controls are necessary.

MINIMUM STANDARDS:

The following standards are to be provided or addressed on every project exceeding 10,000 S.F. in area of disturbance. These standards are considered a minimum and may require additional measures as deemed necessary by the local approving Authority or the consulting Engineer.

Table with 3 columns: No., CRITERIA, TECHNIQUE, OR METHOD, PRACTICES PROVIDED. Contains 19 rows of erosion and sediment control standards.

EROSION & SEDIMENT CONTROL LEGEND (REF. VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK, LATEST EDITION)

- SF - STD. & SPEC. 3.05 SILT FENCE
CIP - STD. & SPEC. 3.06 CULVERT INLET PROTECTION
OP - STD. & SPEC. 3.18 OUTLET PROTECTION
TO - STD. & SPEC. 3.30 TOPSOILING
TS - STD. & SPEC. 3.31 TEMPORARY SEEDING
PS - STD. & SPEC. 3.32 PERMANENT SEEDING
MU - STD. & SPEC. 3.35 MULCHING
E/M - STD. & SPEC. 3.36 SOIL STABILIZATION BLANKET

MAINTENANCE (REFER TO "MINIMUM STANDARDS" FOR ADDITIONAL INFORMATION):

THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF ALL EROSION CONTROL MEASURES ON SITE. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED DAILY AND AFTER EACH RUN-OFF PRODUCING RAINFALL. THE FOLLOWING ITEMS SHALL BE CHECKED IN PARTICULAR:

- 1. SILT FENCE, AFTER EVERY STORM EVENT TO ENSURE EFFECTIVE OPERATION AND REMOVE SEDIMENT WHEN THE LEVEL OF SEDIMENT DEPOSITION REACHES HALF WAY TO THE TOP OF THE BARRIER.
2. PROVIDE PERIODIC TOP DRESSING OF CONSTRUCTION ENTRANCES WITH ADDITIONAL STONE AND REPAIR OR CLEAN OUT ANY OF THE STRUCTURES USED TO TRAP SEDIMENT.
3. CHECK GRAVEL INLET PROTECTION FOR SEDIMENT BUILDUP WHICH WILL PREVENT DRAINAGE. IF THE GRAVEL IS CLOGGED BY SEDIMENT, REMOVE AND CLEAN, OR REPLACE.
4. CHECK THE SEEDED AREAS TO ENSURE THAT A STAND OF GRASS IS MAINTAINED. FERTILIZE AND RESEED AS NEEDED.

EROSION & SEDIMENT CONTROL SEQUENCE OF CONSTRUCTION:

- 1. THE CONTRACTOR SHALL INSTALL THE PERIMETER EROSION AND SEDIMENT CONTROL MEASURES INCLUDING SILT FENCE AND CULVERT INLET PROTECTION BEFORE ANY LAND DISTURBANCE TAKES PLACE.

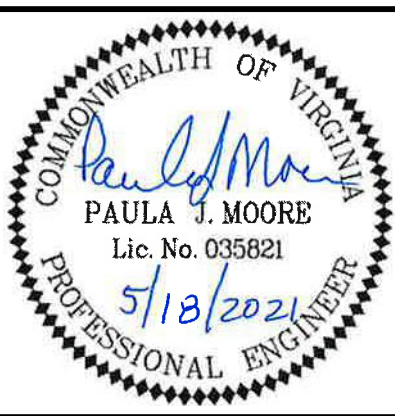
MAINTENANCE OF SLOPES:

- 1. WHEN IT IS CLEAR THAT PLANTS HAVE NOT GERMINATED ON THE AREA OR HAVE DIED, THESE AREAS MUST BE RESEDED IMMEDIATELY TO PREVENT EROSION DAMAGE. HOWEVER, IT IS EXTREMELY IMPORTANT TO DETERMINE FOR WHAT REASON GERMINATION DID NOT TAKE PLACE AND MAKE ANY CORRECTIVE ACTION NECESSARY PRIOR TO RESEEDING THE AREA.
2. ALL MULCHES AND SOIL COVERINGS SHOULD BE INSPECTED PERIODICALLY (PARTICULARLY AFTER RAINSTORMS) TO CHECK FOR EROSION. WHERE EROSION IS OBSERVED IN MULCHED AREAS, ADDITIONAL MULCH SHOULD BE APPLIED. NETS AND MATS SHOULD BE INSPECTED AFTER RAINSTORMS FOR DISLOCATION OR FAILURE. IF WASHOUTS OR BREAKAGE OCCUR, RE-INSTALL NETTING OR MATTING AS NECESSARY AFTER REPAIRING DAMAGE TO THE SLOPE OR DITCH. INSPECTIONS SHOULD TAKE PLACE UP UNTIL GRASSES ARE FIRMLY ESTABLISHED. WHERE MULCH IS USED IN CONJUNCTION WITH ORNAMENTAL PLANTINGS, INSPECT PERIODICALLY THROUGHOUT THE YEAR TO DETERMINE IF MULCH IS MAINTAINING COVERAGE OF THE SOIL SURFACE; REPAIR AS NEEDED.
3. ALL SOIL STABILIZATION BLANKETS AND MATTING SHOULD BE INSPECTED PERIODICALLY FOLLOWING INSTALLATION, PARTICULARLY AFTER RAINSTORMS TO CHECK FOR EROSION AND UNDERMINING. ANY DISLOCATION OR FAILURE SHOULD BE REPAIRED IMMEDIATELY. IF WASHOUTS OR BREAKAGE OCCURS, REINSTALL THE MATERIAL AFTER REPAIRING DAMAGE TO THE SLOPE OR DITCH. CONTINUE TO MONITOR THESE AREAS UNTIL WHICH TIME THEY BECOME PERMANENTLY STABILIZED; AT THAT TIME AN ANNUAL INSPECTION SHOULD BE ADEQUATE.

STORMWATER NOTES:

- 1. CONTRACTOR SHALL NOT DISTURB MORE THAN ONE (1) ACRE OF LAND ON A DAILY BASIS.
2. CONTRACTOR SHALL ADEQUATELY STABILIZE THE WORK ON A DAILY BASIS.
3. CONTRACTOR SHALL PROTECT THE WORK AND DOWNSTREAM AREAS FROM EROSION AND SEDIMENTATION DAMAGE.
4. CONTRACTOR SHALL MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS.
5. CONTRACTOR SHALL MINIMIZE THE EXPOSURE OF BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS PRESENT ON-SITE TO PRECIPITATION AND TO STORMWATER.
6. CONTRACTOR SHALL MINIMIZE THE DISCHARGE OF POLLUTANTS FROM SPILLS AND LEAKS AND IMPLEMENT CHEMICAL SPILL AND LEAK PREVENTION AND RESPONSE PROCEDURES.
7. THE DISCHARGE OF WASTEWATER FROM THE WASHOUT OF CONCRETE IS PROHIBITED.
8. THE DISCHARGE OF WASTEWATER FROM THE WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS IS PROHIBITED.
9. THE DISCHARGE OF FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE IS PROHIBITED.

Table with 3 columns: REV, DATE, DESCRIPTION



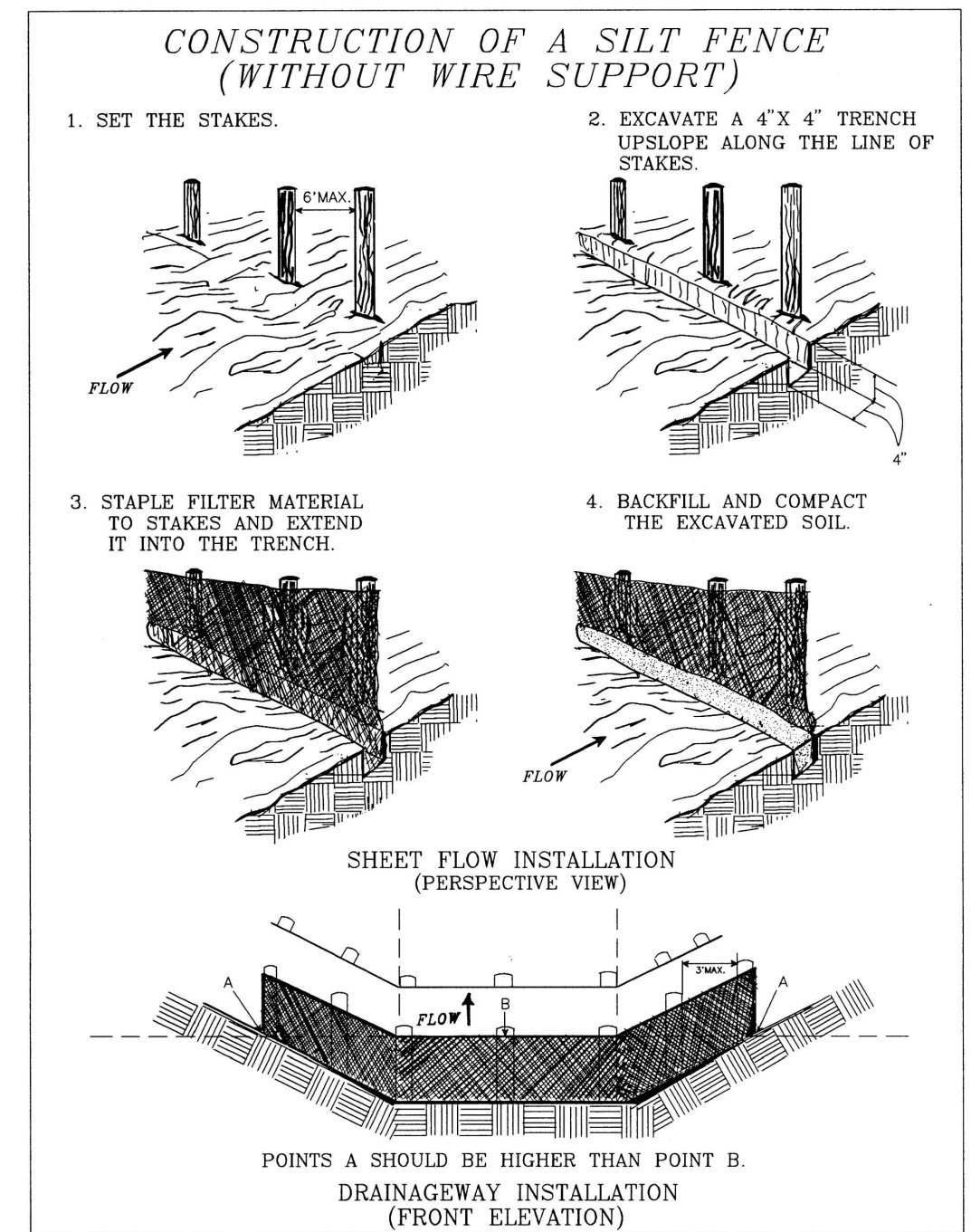
CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

Table with 2 columns: DESIGNED BY (PJM), DRAWN BY (JES), CHECKED BY (PJM), DATE (5/18/21); SCALE (N/A), HORIZ. (N/A), VERT. (N/A).

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

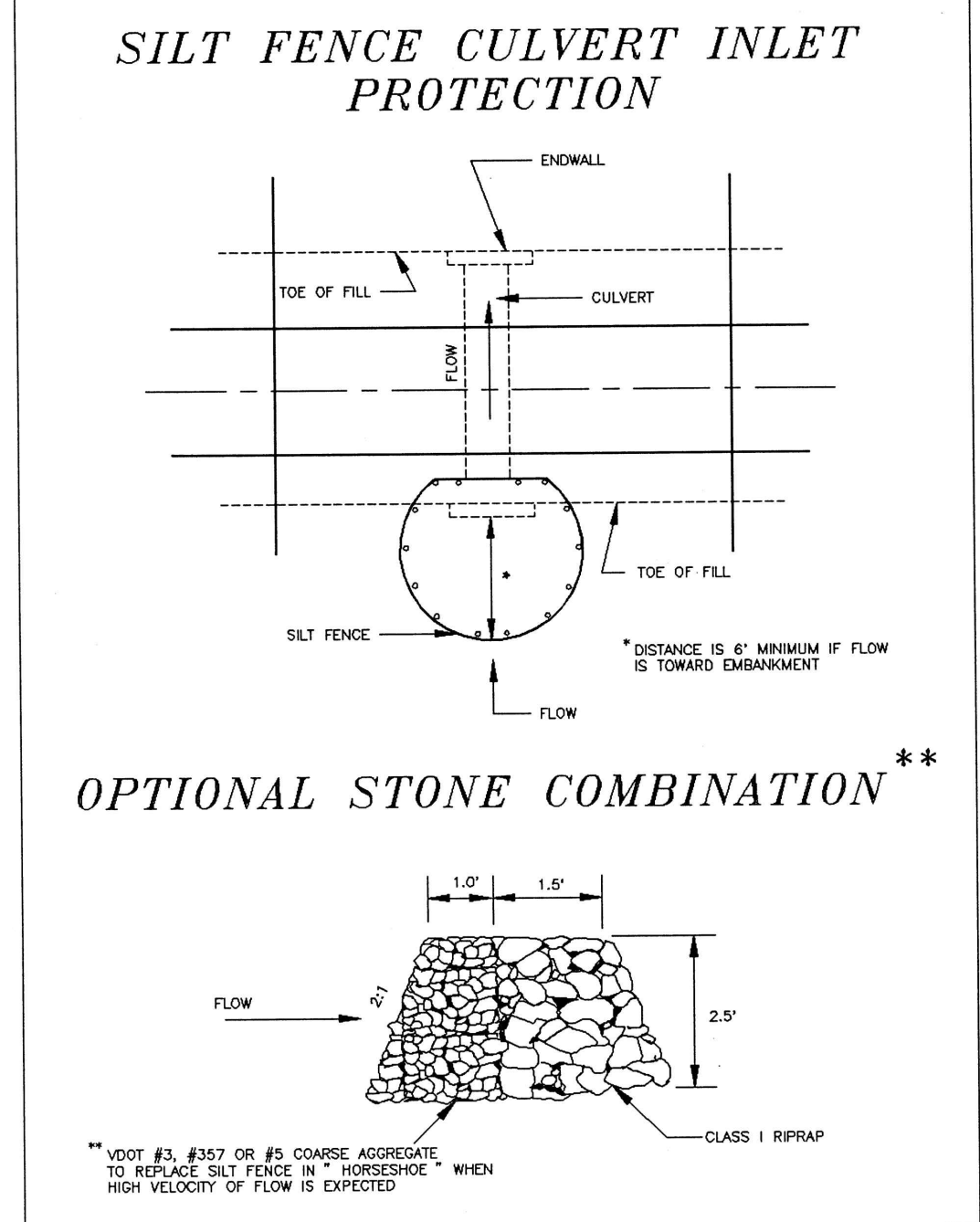
EROSION & SEDIMENT CONTROL
& STORMWATER NOTES

Table with 2 columns: DRAWING (G-06), SHEET (6)



Source: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, Sherwood and Wyant Plate 3.05-2

III - 25



Source: Adapted from VDOT Standard Sheets and Va. DSWC Plate 3.08-1

III - 49

seed germination. Special consideration should be given to the types of equipment used to place topsoil in areas to receive fine turf. Avoid unnecessary compaction by heavy machinery whenever possible. In areas which are not going to be mowed, the surface should be left rough in accordance with SURFACE ROUGHENING (Std. & Spec. 3.29).

Soil Sterilants
No sod or seed shall be placed on soil which has been treated with soil sterilants until sufficient time has elapsed to permit dissipation of toxic materials.

TABLE 3.30-A
CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS

Depth (inches)	Per 1,000 Square Feet	Per Acre
1	3.1	134
2	6.2	268
3	9.3	403
4	12.4	537
5	15.5	672
6	18.6	806

Source: Va. DSWC

III - 283

TEMPORARY SEEDING PLANT MATERIALS, SEEDING RATES, AND DATES

SPECIES	SEEDING RATE		NORTH ^a			SOUTH ^b			PLANT CHARACTERISTICS
	Acre	1000 ft ²	3/1 to 4/30	5/1 to 8/15	8/15 to 11/1	2/15 to 4/30	5/1 to 9/1	9/1 to 11/15	
OATS (Avena sativa)	3 bu. (up to 100 lbs., not less than 50 lbs.)	2 lbs.	X	-	-	X	-	-	Use spring varieties (e.g., Noble).
RYE ^c (Secale cereale)	2 bu. (up to 110 lbs., not less than 50 lbs.)	2.5 lbs.	X	-	X	X	-	X	Use for late fall seedings, winter cover. Tolerates cold and low moisture.
GERMAN MILLET (Setaria italica)	50 lbs.	approx. 1 lb.	-	X	-	-	X	-	Warm-season annual. Dies at first frost. May be added to summer mixes.
ANNUAL RYEGRASS ^d (Lolium multi-florum)	60 lbs.	1½ lbs.	X	-	X	X	-	X	May be added in mixes. Will mow out of most stands.
WEEPING LOVEGRASS (Eragrostis curvula)	15 lbs.	5½ ozs.	-	X	-	-	X	-	Warm-season perennial. May bunch. Tolerates hot, dry slopes and acid, infertile soils. May be added to mixes.
KOREAN LESPEDEZA ^e (Lespedeza stipulacea)	25 lbs.	approx. 1½ lbs.	X	X	-	X	X	-	Warm season annual legume. Tolerates acid soils. May be added to mixes.

^a Northern Piedmont and Mountain region. See Plates 3.22-1 and 3.22-2.
^b Southern Piedmont and Coastal Plain.
^c May be used as a cover crop with spring seeding.
^d May be used as a cover crop with fall seeding.
 X May be planted between these dates.
 - May not be planted between these dates.

III - 288

1992

3.31

TABLE 3.32-C
SITE SPECIFIC SEEDING MIXTURES FOR APPALACHIAN/MOUNTAIN AREA

Minimum Care Lawn	Total Lbs. Per Acre
- Commercial or Residential	200-250 lbs.
- Kentucky 31 or Turf-Type Tall Fescue	90-100%
- Improved Perennial Ryegrass *	0-10%
- Kentucky Bluegrass	0-10%
High-Maintenance Lawn	
Minimum of three (3) up to five (5) varieties of bluegrass from approved list for use in Virginia.	125 lbs.
General Slope (3:1 or less)	
- Kentucky 31 Fescue	128 lbs.
- Red Top Grass	2 lbs.
- Seasonal Nurse Crop **	20 lbs.
	150 lbs.
Low-Maintenance Slope (Steeper than 3:1)	
- Kentucky 31 Fescue	108 lbs.
- Red Top Grass	2 lbs.
- Seasonal Nurse Crop **	20 lbs.
- Crownwetch ***	20 lbs.
	150 lbs.

* Perennial Ryegrass will germinate faster and at lower soil temperatures than fescue, thereby providing cover and erosion resistance for seedbed.
 ** Use seasonal nurse crop in accordance with seeding dates as stated below:
 March, April through May 15th Annual Rye
 May 16th through August 15th Foxtail Millet
 August 16th through September, October Annual Rye
 November through February Winter Rye
 *** If Flatpea is used, increase to 30 lbs./acre. All legume seed must be properly inoculated. Weeping Lovegrass may also be included in any slope or low-maintenance mixture during warmer seeding periods; add 10-20 lbs./acre in mixes.

III - 302

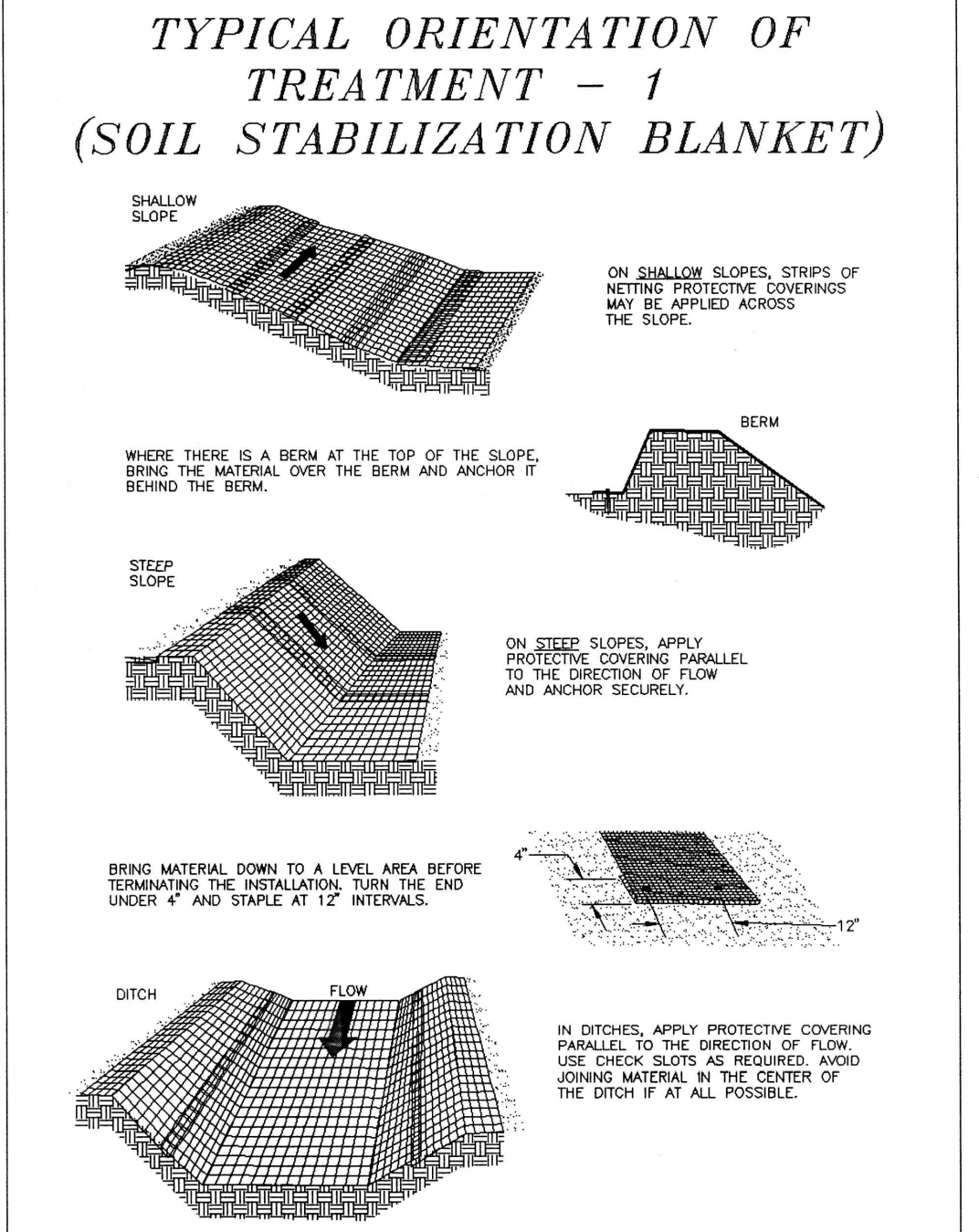
TABLE 3.35-A
ORGANIC MULCH MATERIALS AND APPLICATION RATES

MULCHES:	RATES:		NOTES:
	Per Acre	Per 1000 sq. ft.	
Straw or Hay	1½ - 2 tons (Minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weeds and coarse matter. Must be anchored. Spread with mulch blower or by hand.
Fiber Mulch	Minimum 1500 lbs.	35 lbs.	Do not use as mulch for winter cover or during hot, dry periods.* Apply as slurry.
Corn Stalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do not use in fine turf areas. Apply with mulch blower or by hand.
Wood Chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Air-dried. Treat with 12 lbs nitrogen per ton. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.
Bark Chips or Shredded Bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Air-dried. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.

* When fiber mulch is the only available mulch during periods when straw should be used, apply at a minimum rate of 2000 lbs./ac. or 45 lbs./1000 sq. ft.

Source: Va. DSWC

III - 353

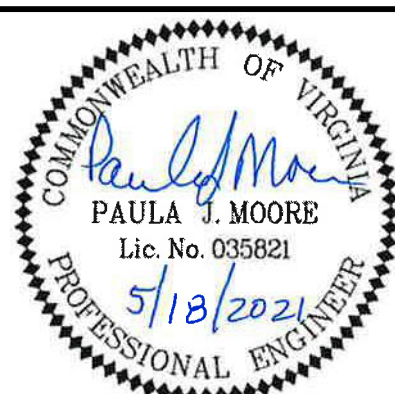


Source: Adapted from Ludlow Products Brochure Plate 3.36-1

III - 361

EROSION & SEDIMENT CONTROL LEGEND (REF. VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK, LATEST EDITION)

- (SF) — SF — STD. & SPEC. 3.05 SILT FENCE
- (CIP) — STD. & SPEC. 3.08 CULVERT INLET PROTECTION
- (OP) — STD. & SPEC. 3.18 OUTLET PROTECTION
- (TO) — STD. & SPEC. 3.30 TOPSOILING
- (TS) — STD. & SPEC. 3.31 TEMPORARY SEEDING
- (PS) — STD. & SPEC. 3.32 PERMANENT SEEDING
- (MU) — STD. & SPEC. 3.35 MULCHING
- (B/M) — STD. & SPEC. 3.36 SOIL STABILIZATION BLANKET



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
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DES: PJM
DRAWN: JES
CHECK: PJM
DATE: 5/18/21

SCALE: N/A
HORIZ: N/A
VERT: N/A

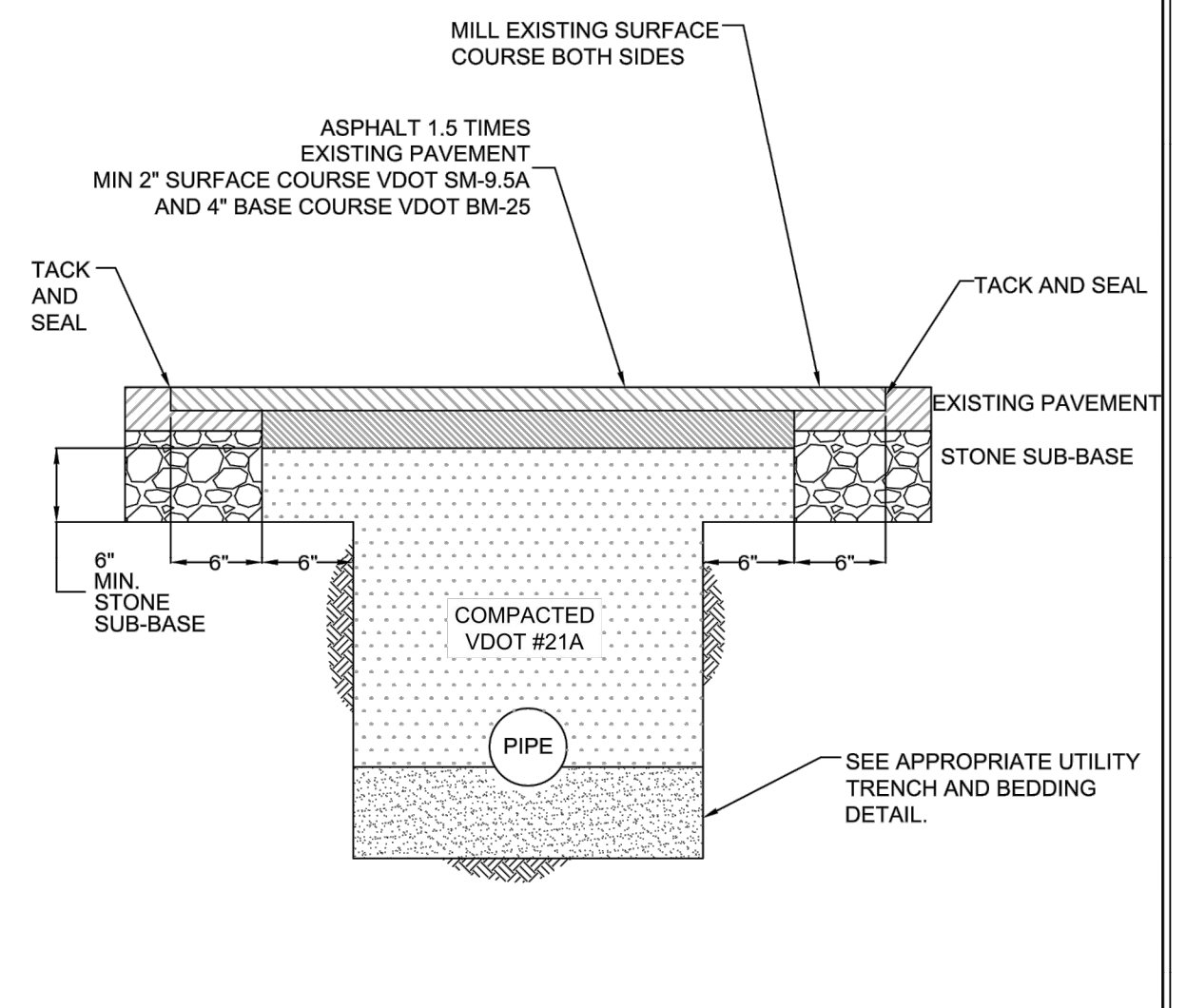
DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

EROSION & SEDIMENT
CONTROL DETAILS

REV	DATE	DESCRIPTION

DRAWING: G-07
SHEET: 7

- NOTES:**
- PAVEMENT CUTS SHALL BE STRAIGHT AND VERTICAL.
 - REMOVE TEMPORARY PATCH IF PRESENT. EXCAVATE COMPACTED BACKFILL AS REQUIRED TO INSTALL NEW BITUMINOUS ASPHALT. RE-COMPACT SURFACE OF BACKFILL PRIOR TO INSTALLATION OF PATCH.
 - IMPACTED PAVEMENT MARKINGS SHALL BE REPLACED IN THEIR ENTIRETY.



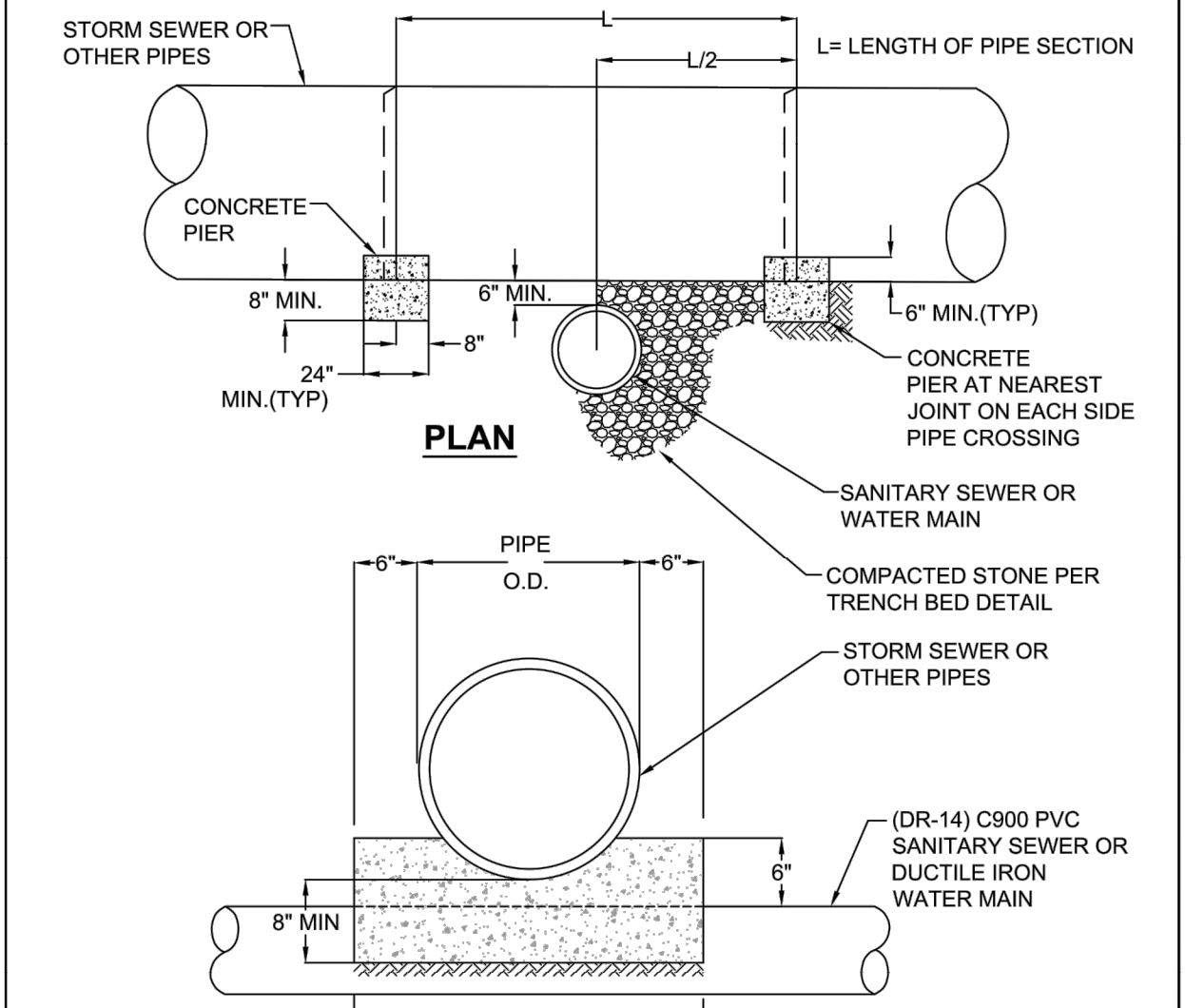
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PLATE TITLE: **PERMANENT PAVEMENT REPAIR FOR UTILITY INSTALLATIONS**

PLATE #: **G-01** DATE: 1/04/19

Lexington Virginia
Department of Public Works
890 Shop Road, Lexington, VA 24450
(540) 463-3154 Fax (540) 464-4198

- NOTES:**
- PIER REQUIRED WHEN STORM SEWER OR OTHER PIPES CROSS OVER WATER MAIN OR SANITARY SEWER PIPE WITH A VERTICAL CLEARANCE OF LESS THAN 18".
 - CONCRETE PIER SHALL BE BUILT ON UNDISTURBED EARTH.
 - CONCRETE SHALL BE READY MIX VDOT CLASS A3, 3,000 PSI, AT 28 DAYS.



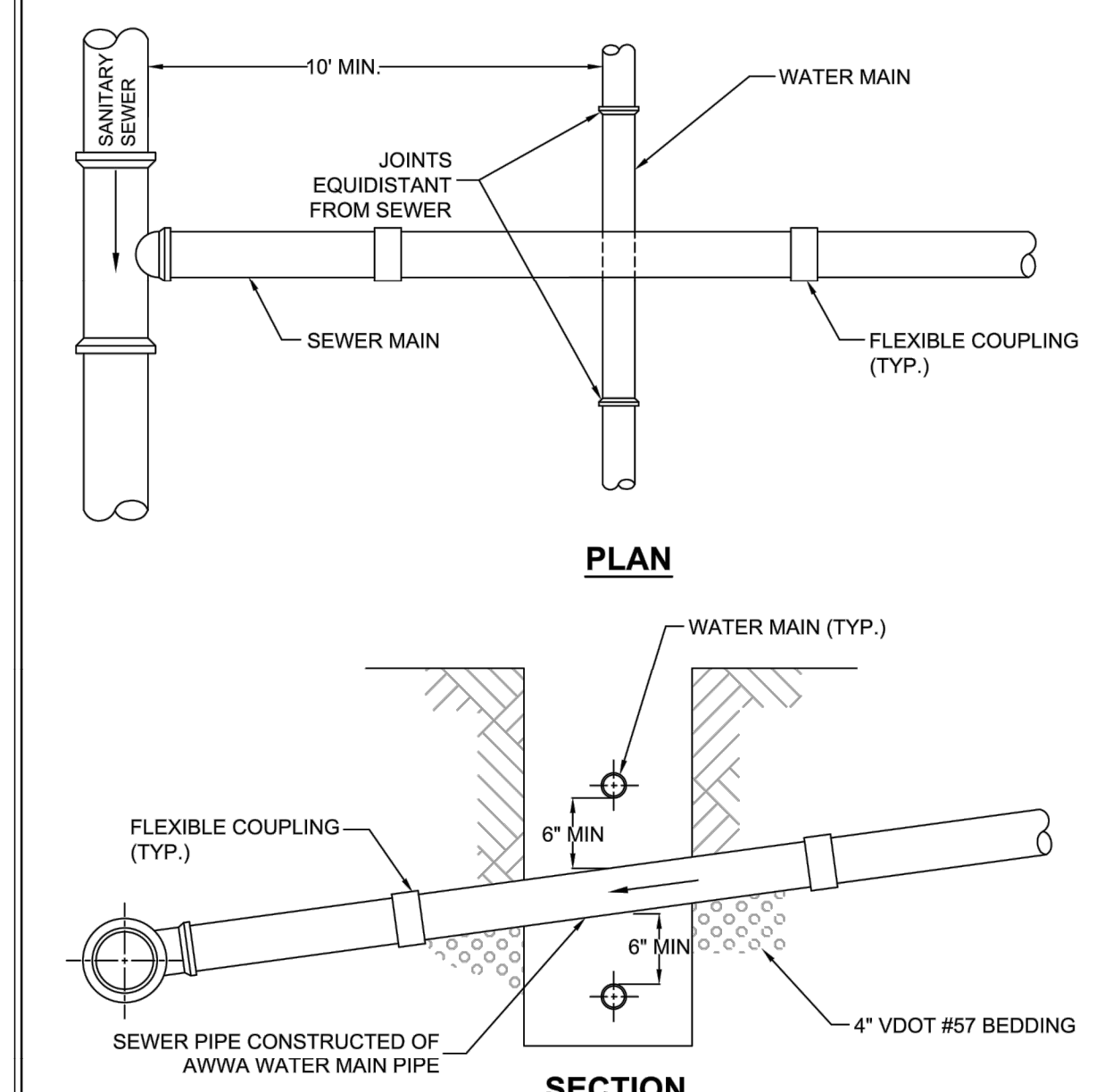
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PLATE TITLE: **CONCRETE PIER**

PLATE #: **G-04** DATE: 1/04/19

Lexington Virginia
Department of Public Works
890 Shop Road, Lexington, VA 24450
(540) 463-3154 Fax (540) 464-4198

- NOTES:**
- DETAIL APPLIES WHEN WATER MAIN AND SEWER MAIN HAVE LESS THAN 18" VERTICAL SEPARATION, REGARDLESS OF ORDER.
 - PROVIDE STRUCTURAL SUPPORT FOR THE SANITARY SEWER WHEN ABOVE WATER MAIN.
 - CENTER ONE (1) FULL LENGTH SECTION OF PIPE SO THAT THE SEWER JOINTS ARE EQUIDISTANT FROM THE WATER MAIN JOINTS.



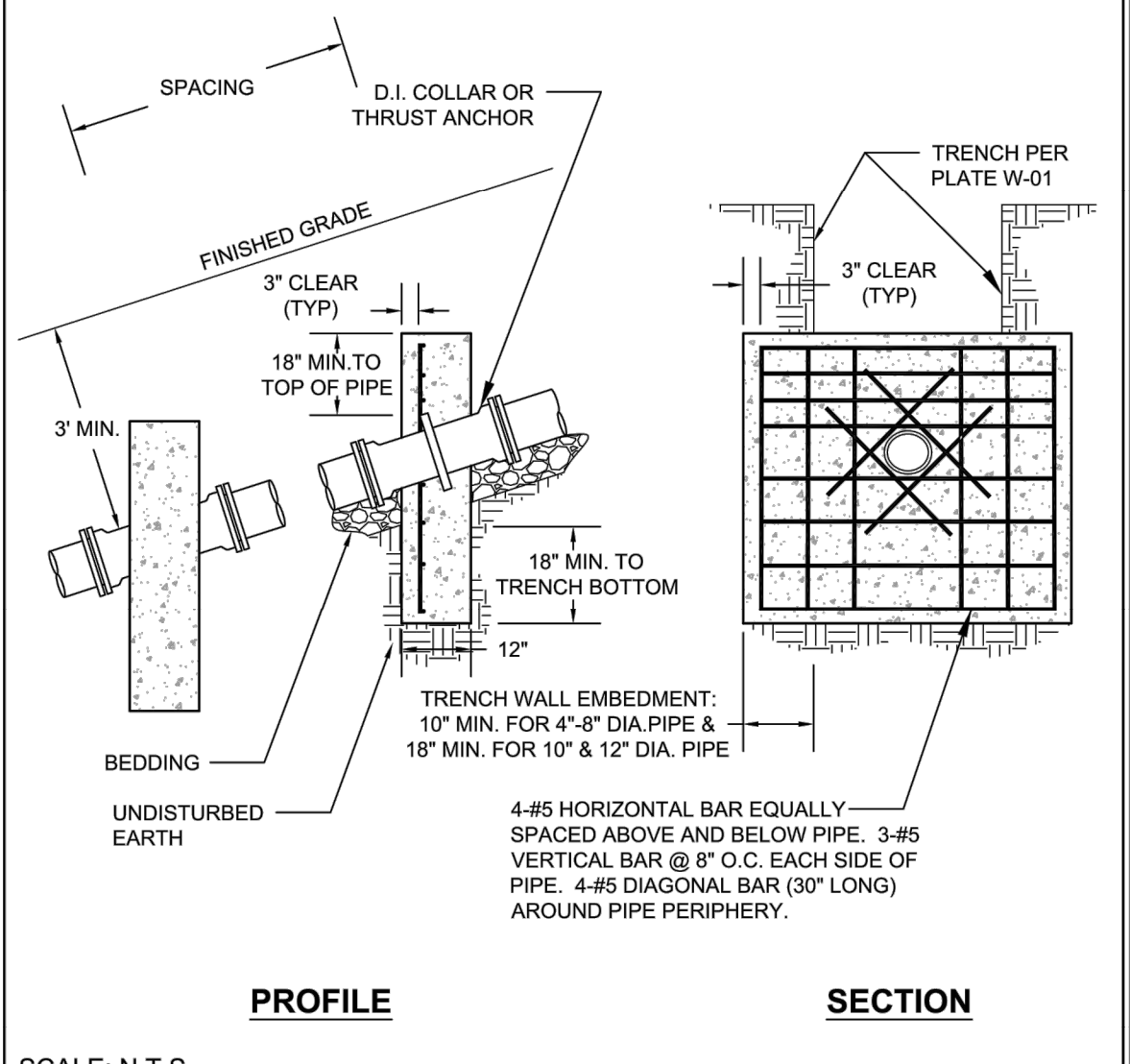
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PLATE TITLE: **WATER AND SEWER SEPARATION**

PLATE #: **G-05** DATE: 1/04/19

Lexington Virginia
Department of Public Works
890 Shop Road, Lexington, VA 24450
(540) 463-3154 Fax (540) 464-4198

- NOTES:**
- ANCHOR BLOCK CONCRETE SHALL BE READY MIX 3,000 PSI. REBAR SHALL MEET THE MINIMUM REQUIREMENTS OF ASTM A615/ A615M, GRADE 60, DEFORMED.
 - ANCHOR SPACING SHALL BE LESS THAN OR EQUAL TO 36" FOR 20 - 35% SLOPES, 24" FOR 36 - 50% SLOPES, AND 16" FOR SLOPES EXCEEDING 50%. MECHANICAL JOINT RESTRAINED PIPE SHALL BE REQUIRED FOR THE ENTIRE LENGTH OF ALL SLOPES EXCEEDING 20%.
 - ALL BEARING SURFACES SHALL BE POURED AGAINST UNDISTURBED SUBGRADE.



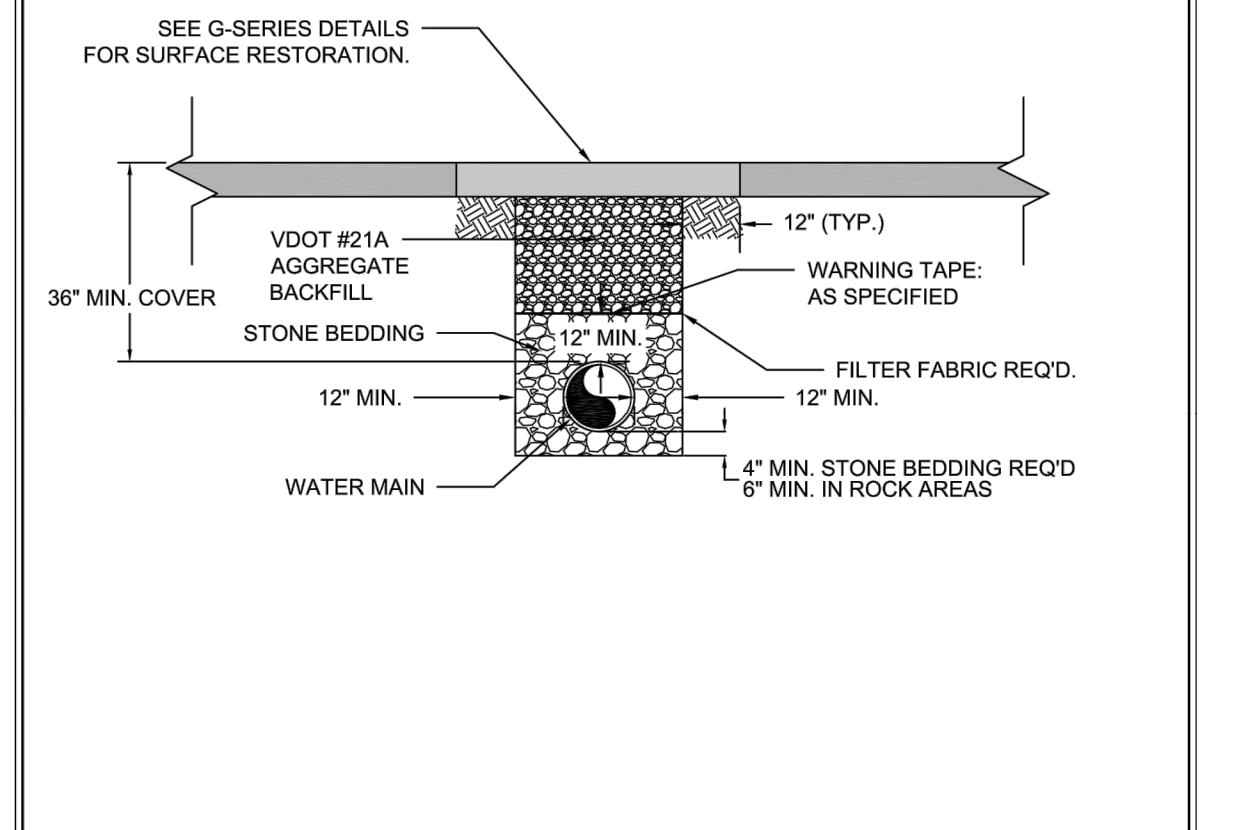
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PLATE TITLE: **SLOPE ANCHORS**

PLATE #: **G-07** DATE: 1/04/19

Lexington Virginia
Department of Public Works
890 Shop Road, Lexington, VA 24450
(540) 463-3154 Fax (540) 464-4198

- NOTES:**
- STONE BEDDING SHALL BE VDOT #57 AGGREGATE.
 - BEDDING AND BACKFILL SHALL BE PLACED IN 6-INCH LIFTS AND EACH LIFT COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698. COMPACTION SHALL BE TESTED EVERY 400 LF ALONG THE LENGTH OF THE TRENCH.
 - CONTINUOUS AND UNIFORM SUPPORT SHALL BE PROVIDED FOR THE WATER MAIN. BELL HOLES SHALL BE PREPARED FOR EACH JOINT TO ALLOW FOR JOINT ASSEMBLY AND PIPE SUPPORT.
 - SELECT BACKFILL SHALL BE FREE FROM MUD, REFUSE, CONSTRUCTION DEBRIS, ORGANIC MATERIAL, BOULDERS, FROZEN OR OTHERWISE UNSUITABLE MATERIAL. SELECT BACKFILL MAY CONTAIN STONES UP TO 5-INCHES IN THEIR GREATEST DIMENSION. EXCAVATED MATERIAL MAY BE USED AS SELECT BACKFILL PROVIDED IT MEETS THESE CONDITIONS.



SCALE: N.T.S.

PLATE TITLE: **WATER MAIN TRENCH BEDDING & BACKFILL**

PLATE #: **W-01** DATE: 1/04/19

Lexington Virginia
Department of Public Works
890 Shop Road, Lexington, VA 24450
(540) 463-3154 Fax (540) 464-4198

FITTING	PIPE DIAMETER (FT)				
	4"	6"	8"	10"	12"
HORIZ. & VERTICAL "UP" BEND	90°	21	29	39	46
	45°	10	12	16	20
	22.5°	5	6	8	10
	11.25°	3	3	4	5
VERTICAL "DOWN" BEND	90°	NA	NA	NA	NA
	45°	23	33	42	50
	22.5°	12	16	21	24
	11.25°	6	8	10	12
TEE RUN X BRANCH DEAD END/ VALVE	21 X 20	33 X 20	60 X 20	40 X 31	40 X 67
REDUCER	NA	40	43	41	42

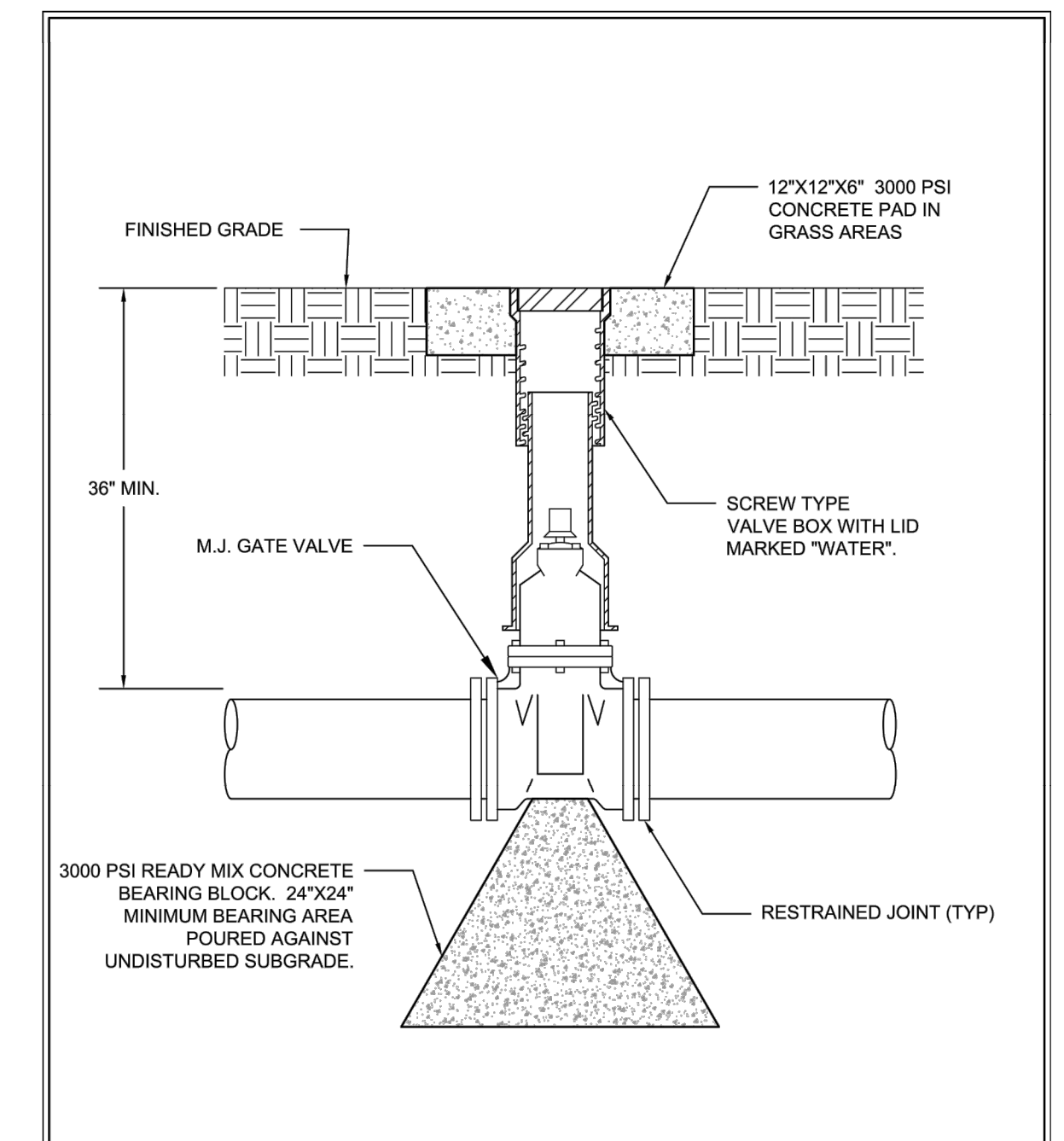
- NOTES:**
- THRUST RESTRAINT LENGTHS ARE PREDICATED ON DUCTILE IRON PIPE, NON-POLYETHYLENE ENCASED, DIPRA LAYING CONDITION TYPE 3, SOIL CONDITION "CLEAN GRAVEL", A DEPTH OF COVER OVER PIPE ≥ 2 FEET, A DESIGN PRESSURE OF 200 PSI, AND WITH A FACTOR OF SAFETY OF 1.5. SHOULD FIELD CONDITIONS DIFFER, OR SHOULD ALTERNATE FITTING ARRANGEMENTS BE REQUIRED (I.E. COMPOUND BENDS, OFFSETS, ETC.), SPECIAL RESTRAINT LENGTHS SHALL BE DESIGNED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE CITY FOR REVIEW.
 - DISTANCES PROVIDED APPLY TO EACH SIDE OF THE FITTING.
 - REDUCER RESTRAINT LENGTHS DEVELOPED FOR "ONE SIZE SMALLER".
 - TABLE PIPE DIAMETERS APPLY TO RUN SIZING IN THE CASE OF TEES.
 - IF REQUIRED TEE BRANCH RESTRAINT LENGTH CANNOT BE VERIFIED DUE TO EXISTING PIPE, INSTALL A CONCRETE THRUST BLOCK BEHIND THE TEE.

SCALE: N.T.S.

PLATE TITLE: **RESTRAINED JOINT PIPE LENGTHS**

PLATE #: **W-02** DATE: 1/04/19

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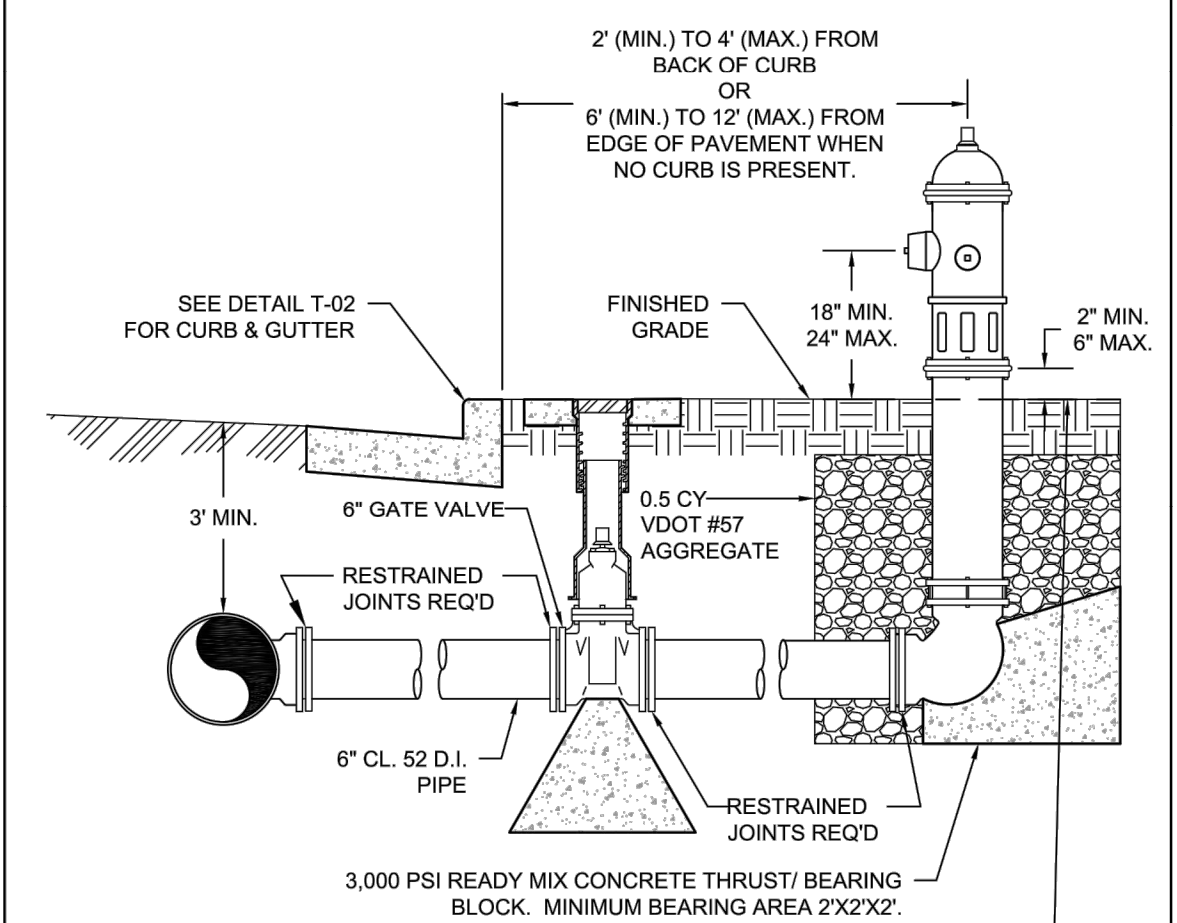
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PLATE TITLE: **VALVE SETTING DETAIL**

PLATE #: **W-08** DATE: 1/04/19

Lexington Virginia
Department of Public Works
890 Shop Road, Lexington, VA 24450
(540) 463-3154 Fax (540) 464-4198

- NOTES:**
- HYDRANTS SHALL BE FROST PROOF, NON-FLOODING, INTEGRAL BREAK-AWAY SAFETY FLANGE TYPE, PRESSURE RATED FOR 250 PSI (MIN.), AND WITH VALVES OPENING COUNTER CLOCKWISE. HYDRANTS SHALL BE 6" DIA. (5.25" CLEAR OPENING) WITH ONE 4.5" PUMPER CONNECTION AND TWO 2.5" HOSE CONNECTIONS.
 - HYDRANT CONNECTION SHALL BE FULLY RESTRAINED FROM THE HYDRANT BASE, THROUGH THE ISOLATION VALVE, TO THE WATER MAIN BY USE OF MECHANICAL RESTRAINING GLANDS.
 - HYDRANTS SHALL BE SITED TO ENSURE A 6' MINIMUM UNOBSTRUCTED CLEAR ZONE AROUND ITS FULL PERIMETER.
 - THE HYDRANT SHALL BE INSTALLED WITHIN THE CITY'S R.O.W.
 - APPROVED TRACER WIRE SHALL BE INSTALLED FROM THE MAIN TO THE HYDRANT'S BREAK-AWAY FLANGE.
 - HYDRANTS SHALL BE PLACED WITH PUMPER NOZZLE FACING THE STREET OR AS DIRECTED BY THE CITY.



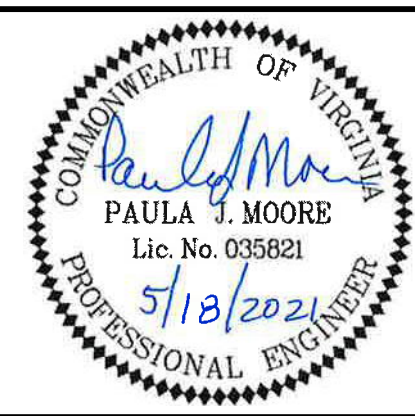
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PLATE TITLE: **HYDRANT ASSEMBLY**

PLATE #: **W-09** DATE: 1/04/19

Lexington Virginia
Department of Public Works
890 Shop Road, Lexington, VA 24450
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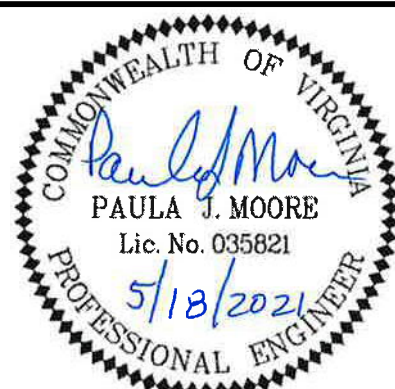
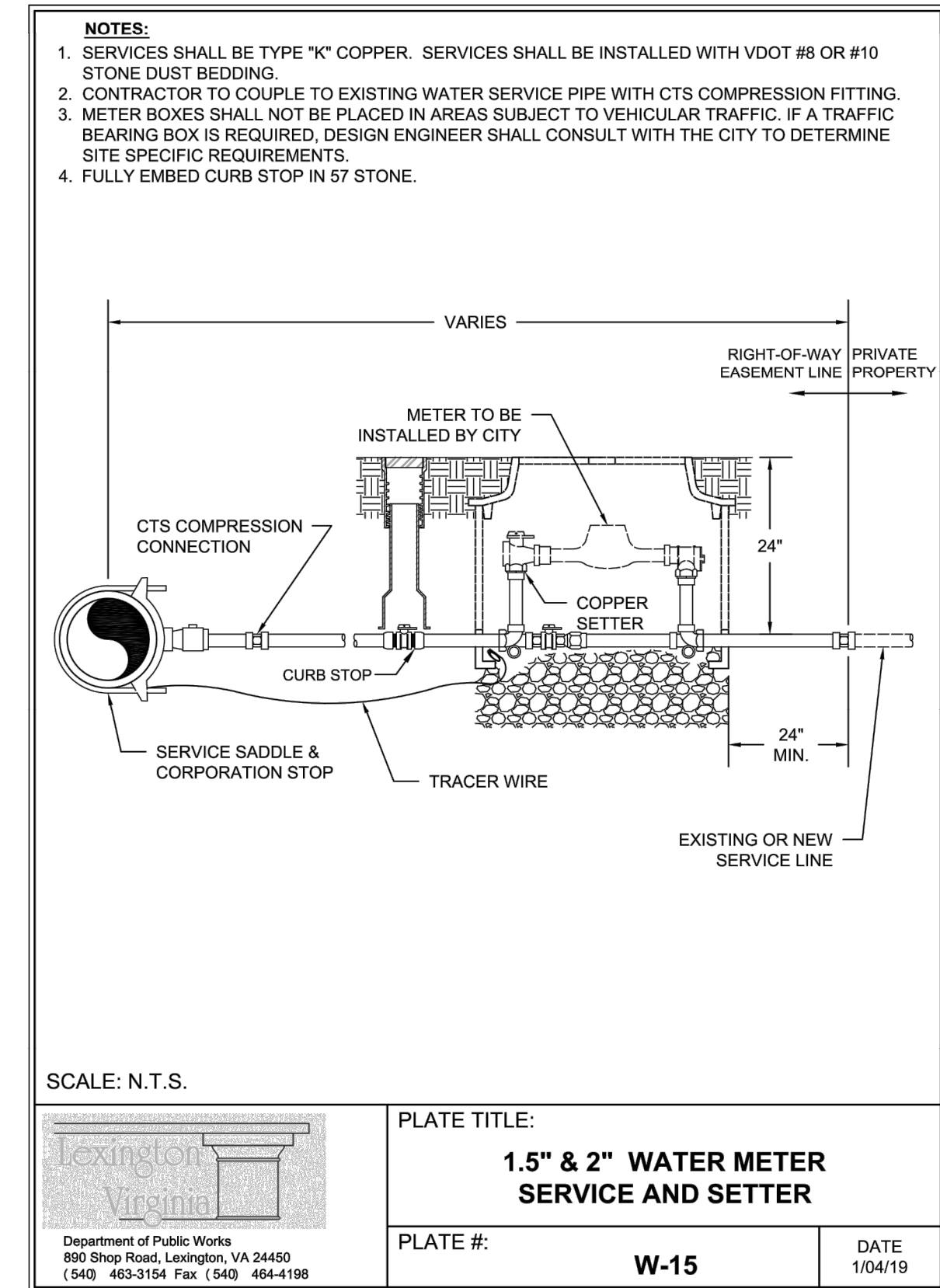
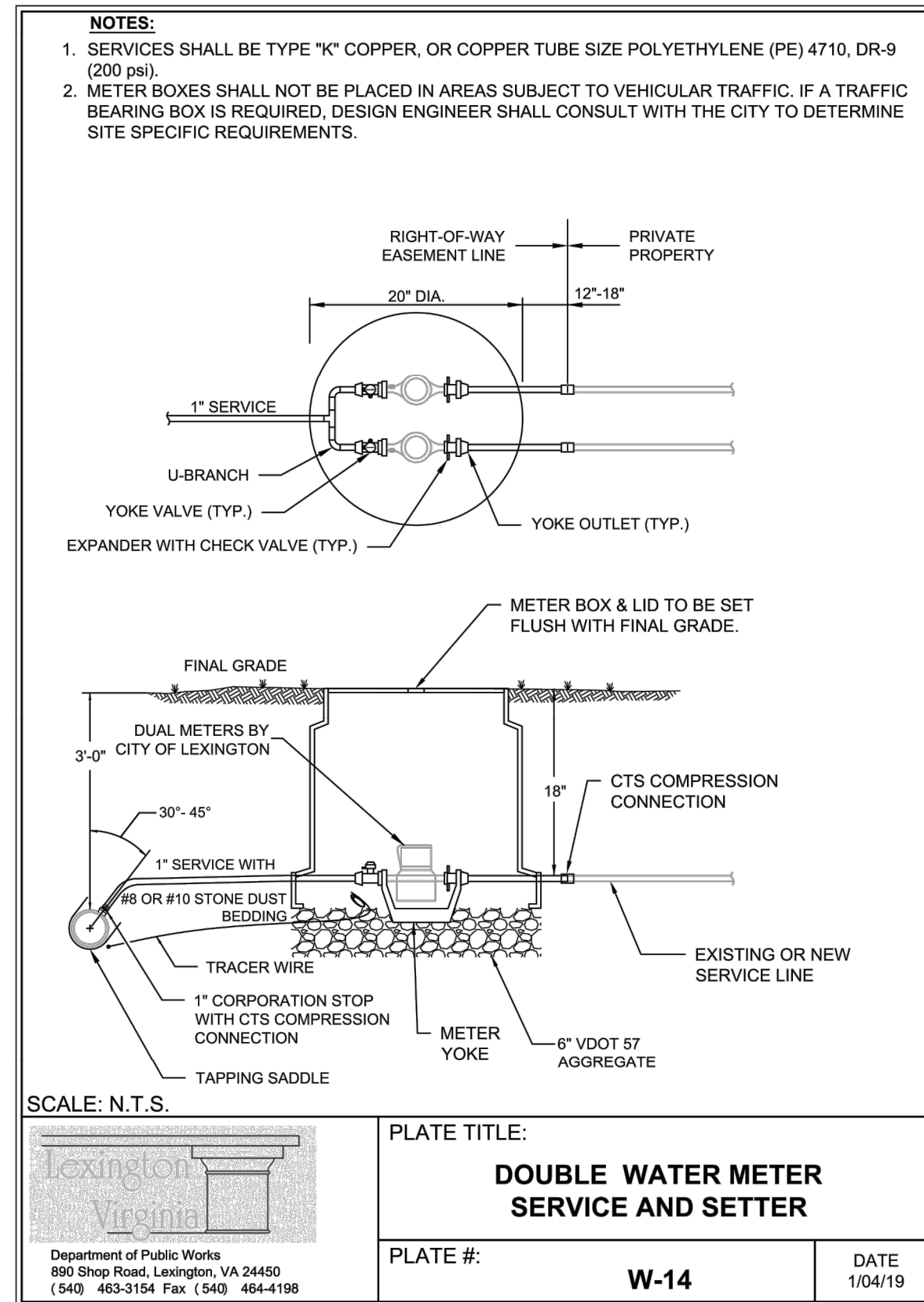
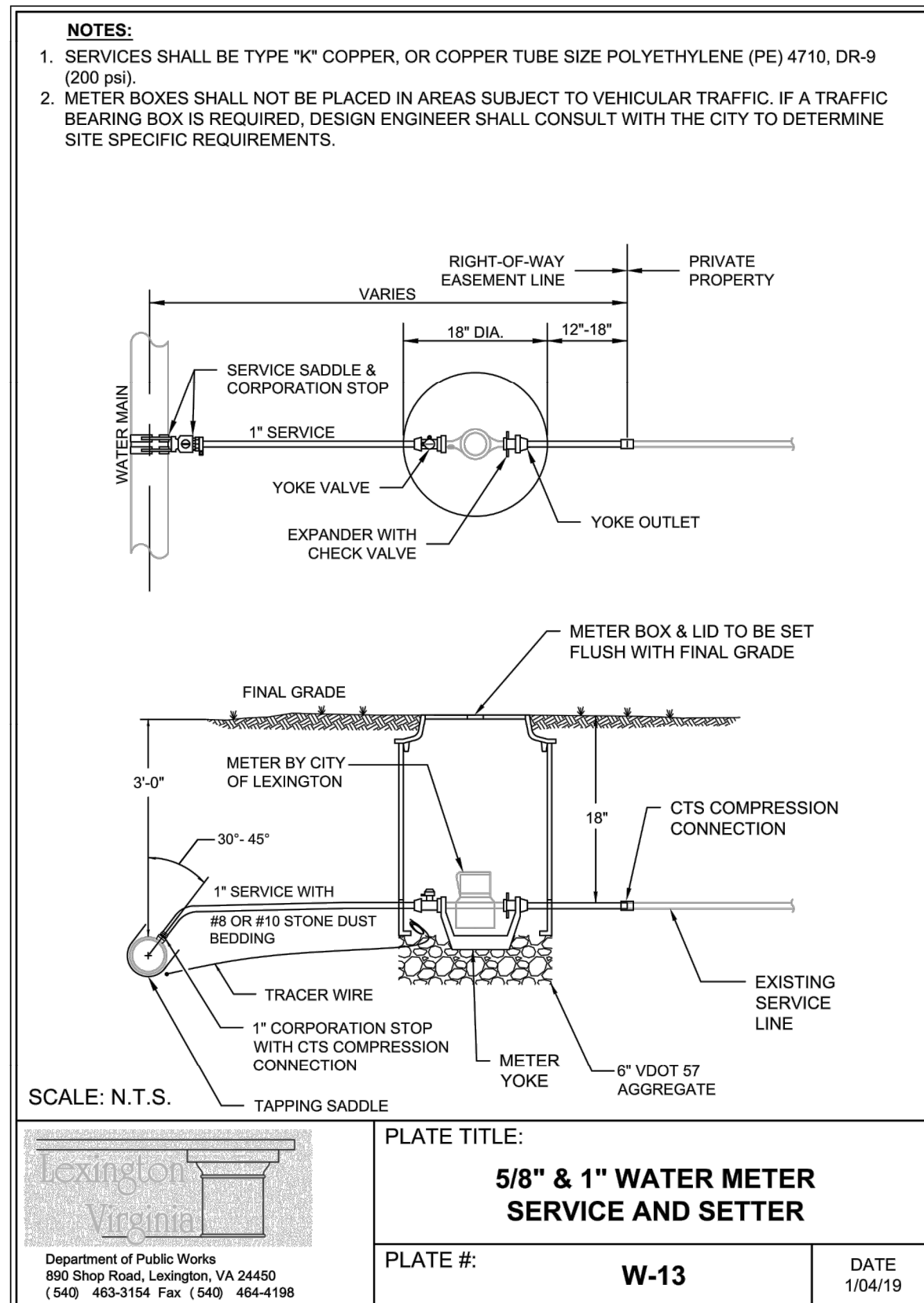
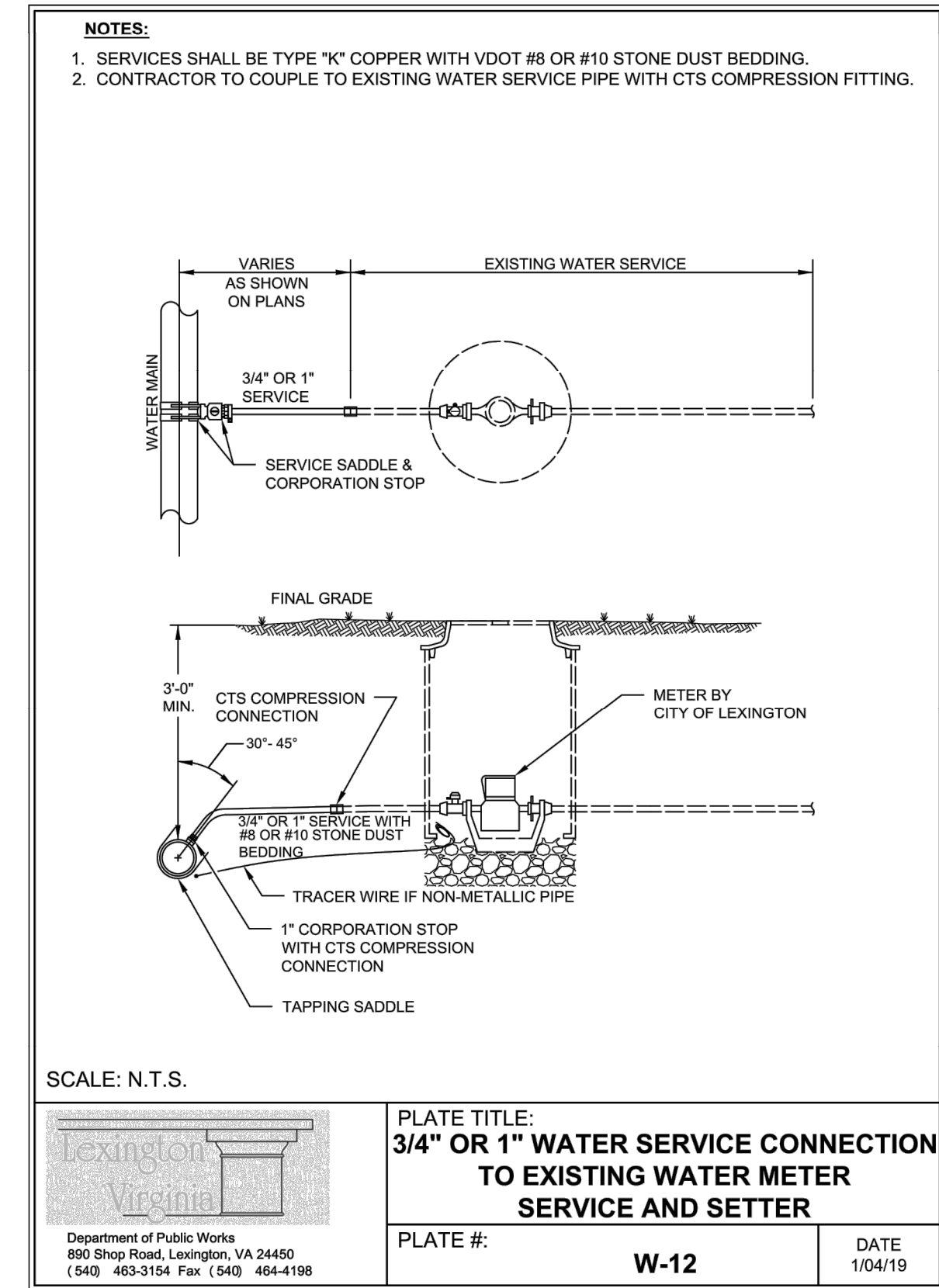
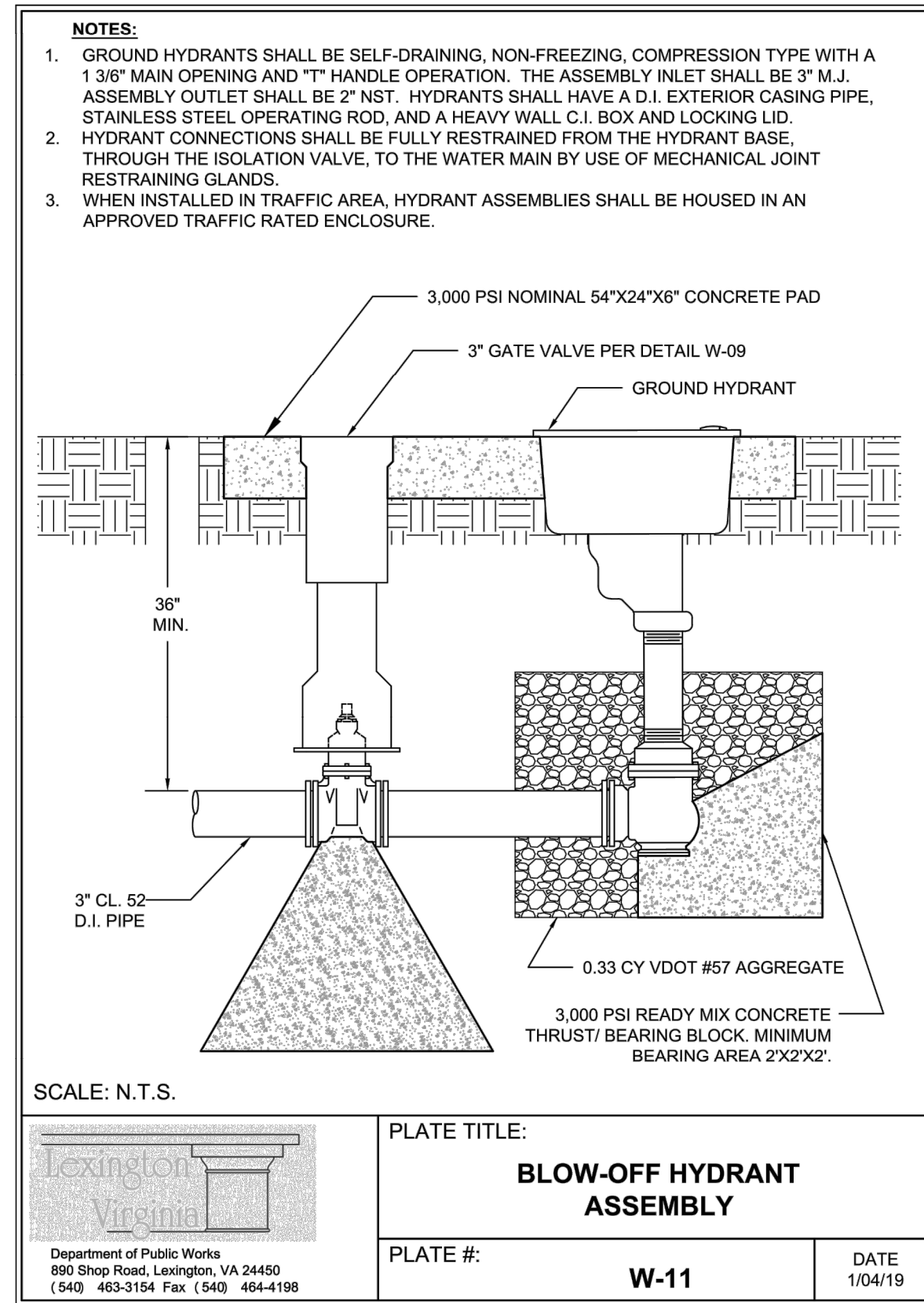
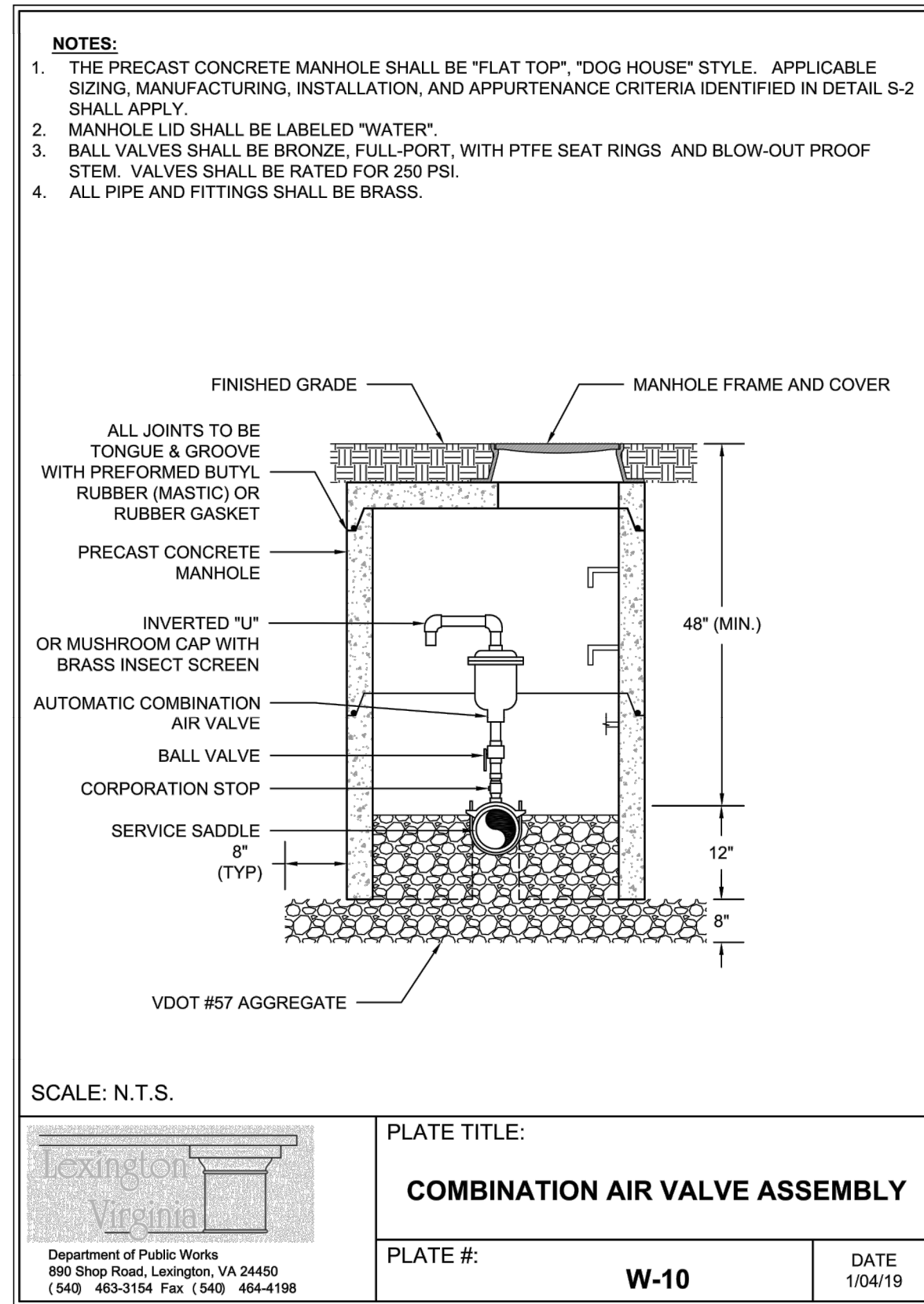
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CHECK: **PJM** VERT: **N/A**
DATE: **5/18/21**

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

STANDARD DETAILS

DRAWING: **G-08** SHEET: **8**

REV	DATE	DESCRIPTION



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: **PJM** SCALE: **N/A**
DRAWN: **JES** HORIZ: **N/A**
CHECK: **PJM** VERT: **N/A**
DATE: **5/18/21**

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

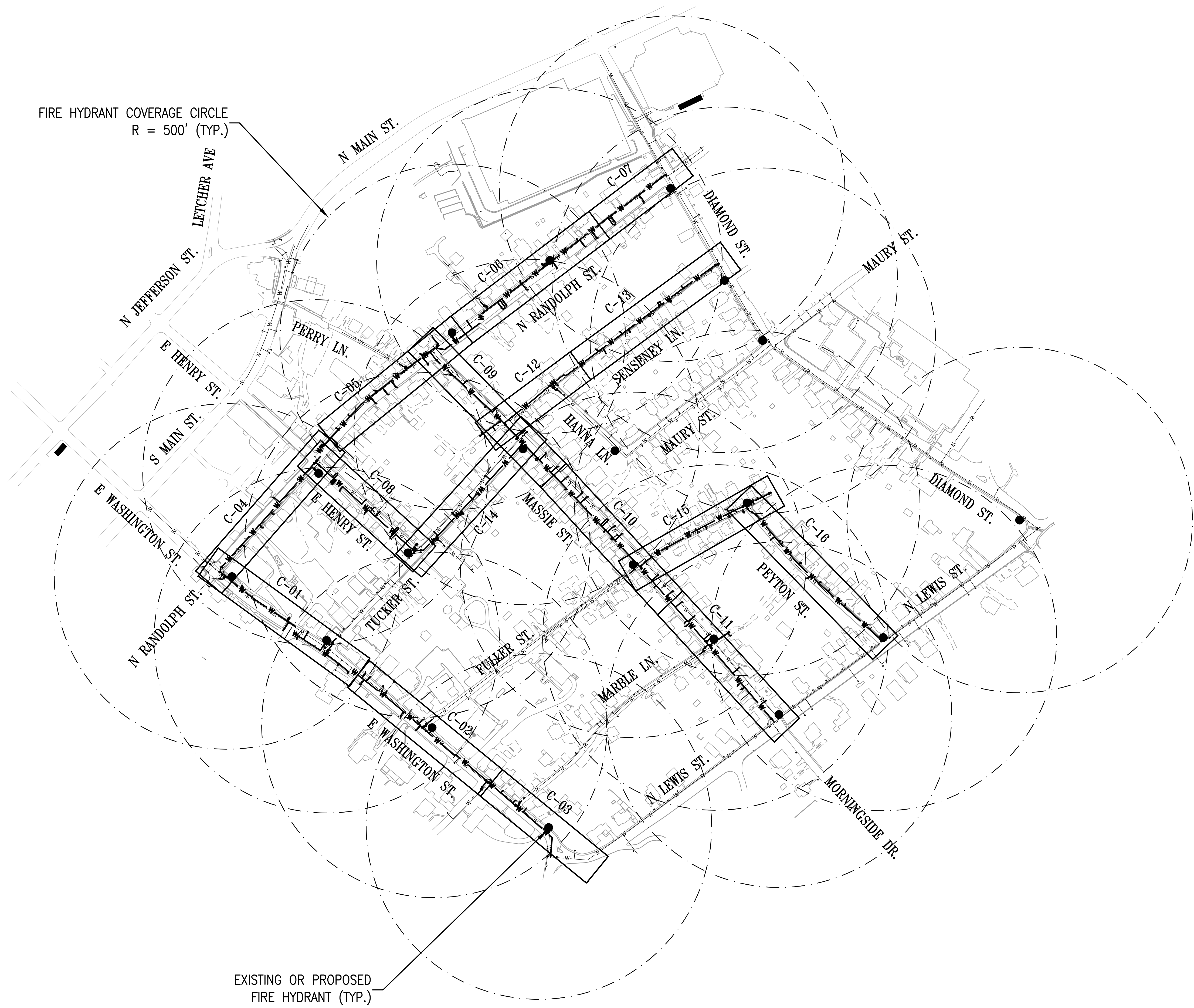
STANDARD DETAILS

REV	DATE	DESCRIPTION

DRAWING: **G-09** SHEET: **9**

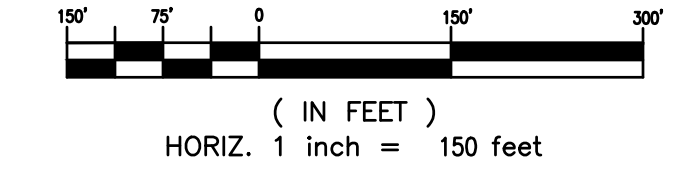


FIRE HYDRANT COVERAGE CIRCLE
R = 500' (TYP.)

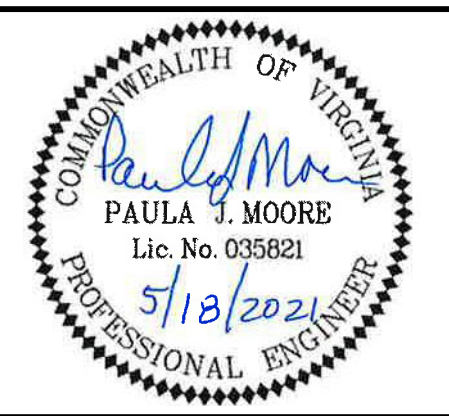


EXISTING OR PROPOSED
FIRE HYDRANT (TYP.)

GRAPHIC SCALE



REV	DATE	DESCRIPTION



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LEXINGTON, VIRGINIA 24450

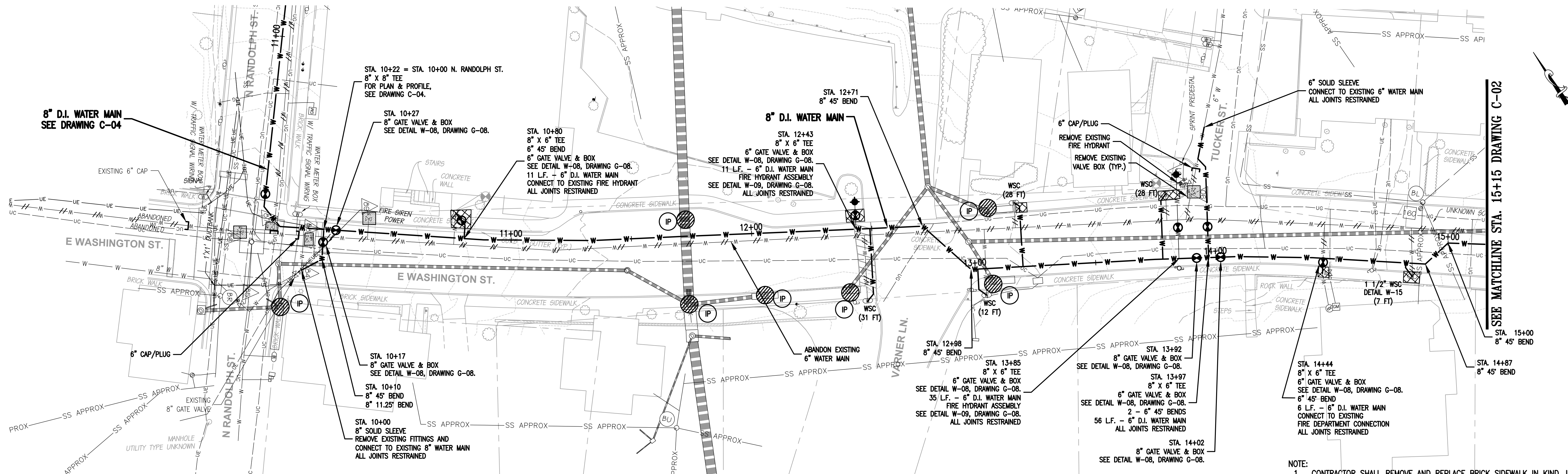
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CHECK: PJM	VERT: N/A
DATE: 5/18/21	

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

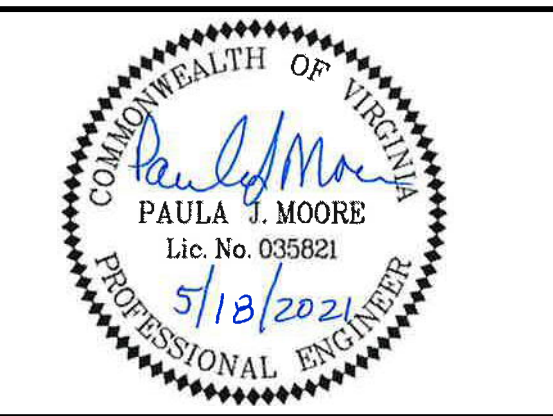
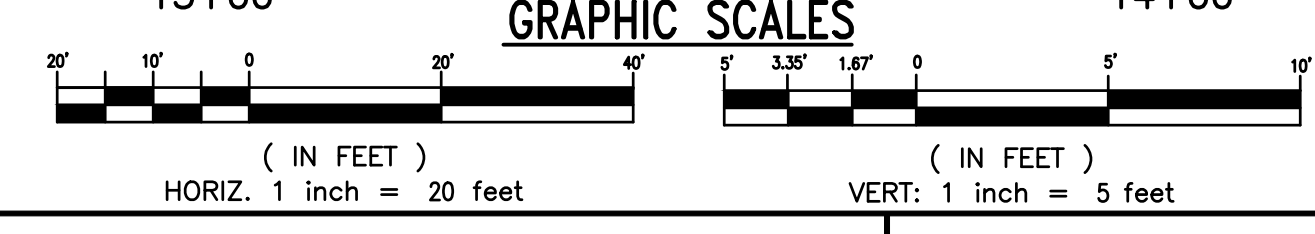
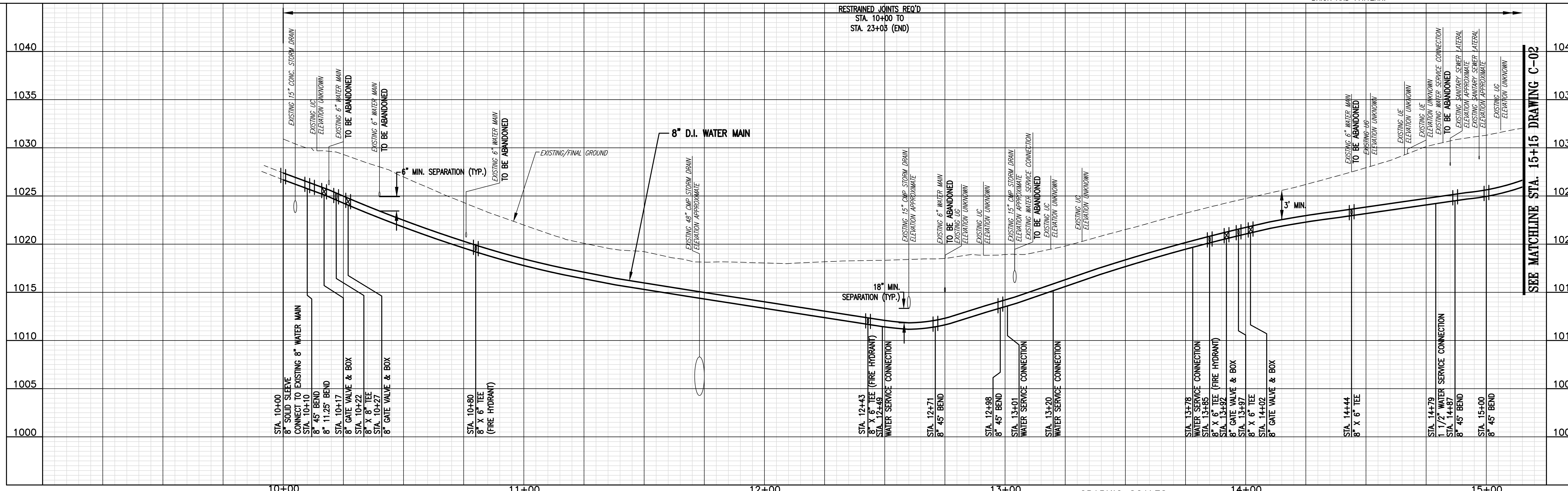
SHEET LAYOUT &
FIRE HYDRANT COVERAGE MAP

DRAWING	SHEET
G-10	10

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NOTE:
1. CONTRACTOR SHALL REMOVE AND REPLACE BRICK SIDEWALK IN KIND, INCLUDING BRICK AND PATTERN.



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LEXINGTON, VIRGINIA 24450

DES: PJM
DRAWN: JES
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DATE: 5/18/21

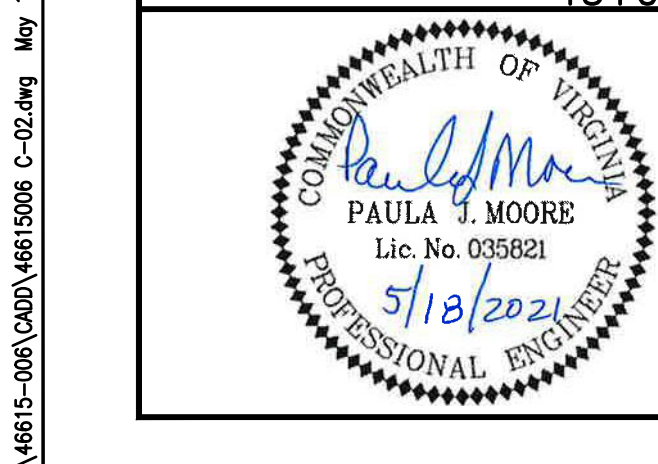
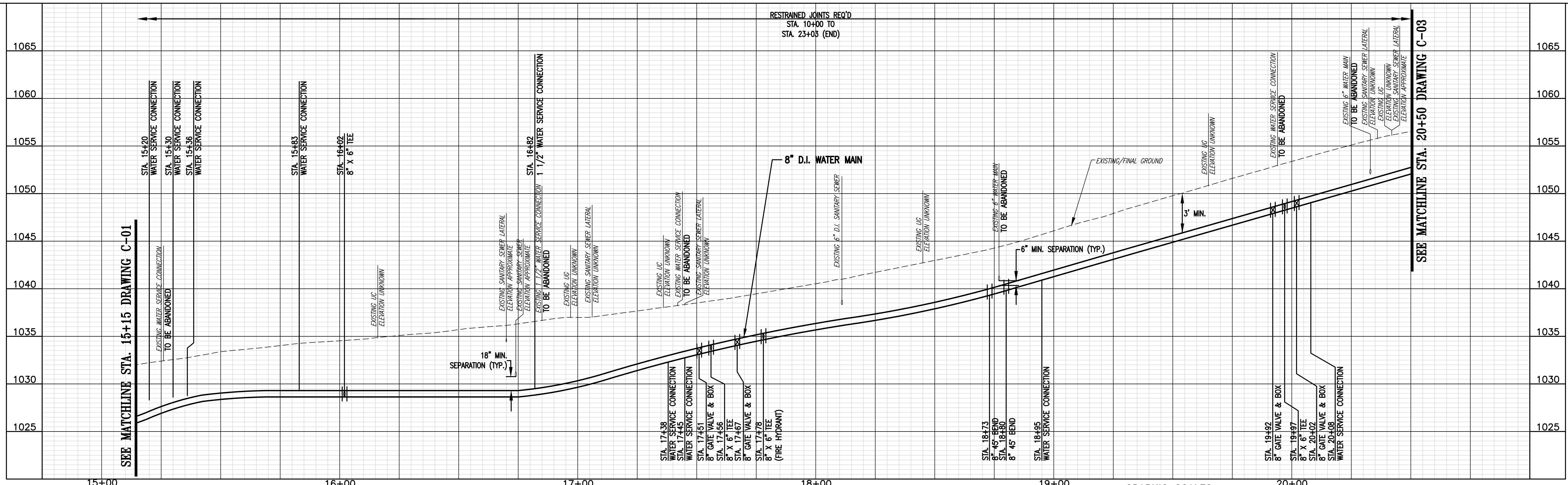
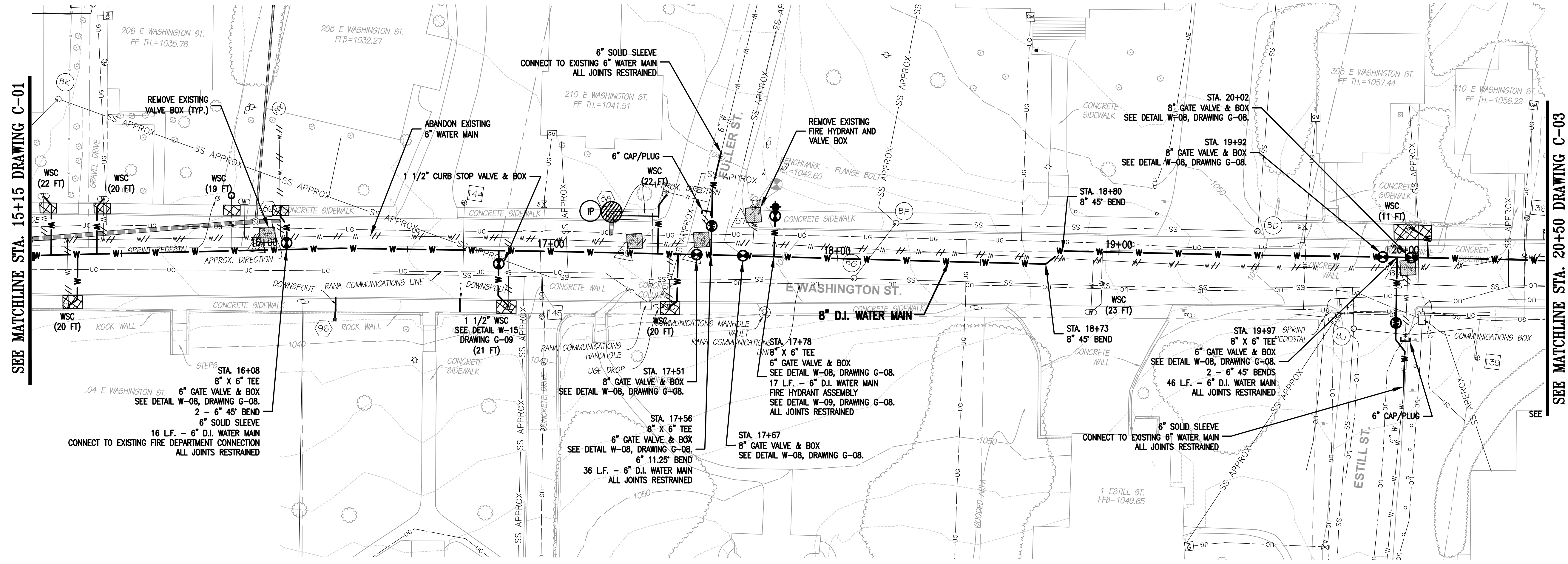
SCALE: AS SHOWN
HORIZ: 1" = 20'
VERT: 1" = 5'

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

8" WATER MAIN
STA. 10+00 TO STA. 15+15
E. WASHINGTON STREET

REV	DATE	DESCRIPTION	DRAWING	SHEET
			C-01	11

N:\4615-000\CADD\4615006 C-01.dwg May 18, 2021 - 10:58am

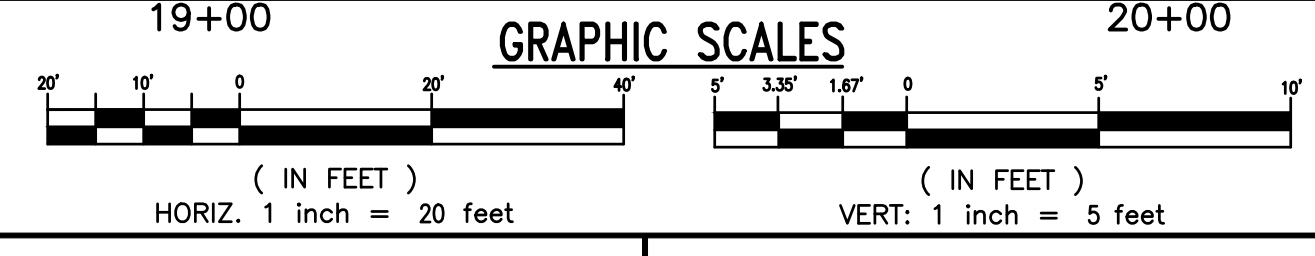


CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

DES: PJM
 DRAWN: JES
 CHECK: PJM
 DATE: 5/18/21

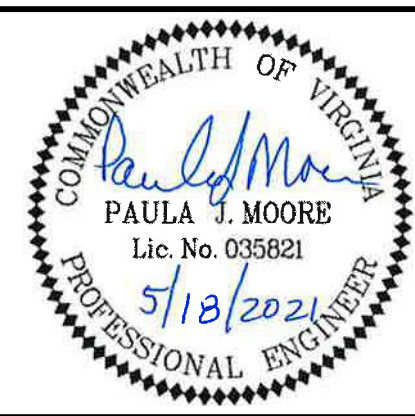
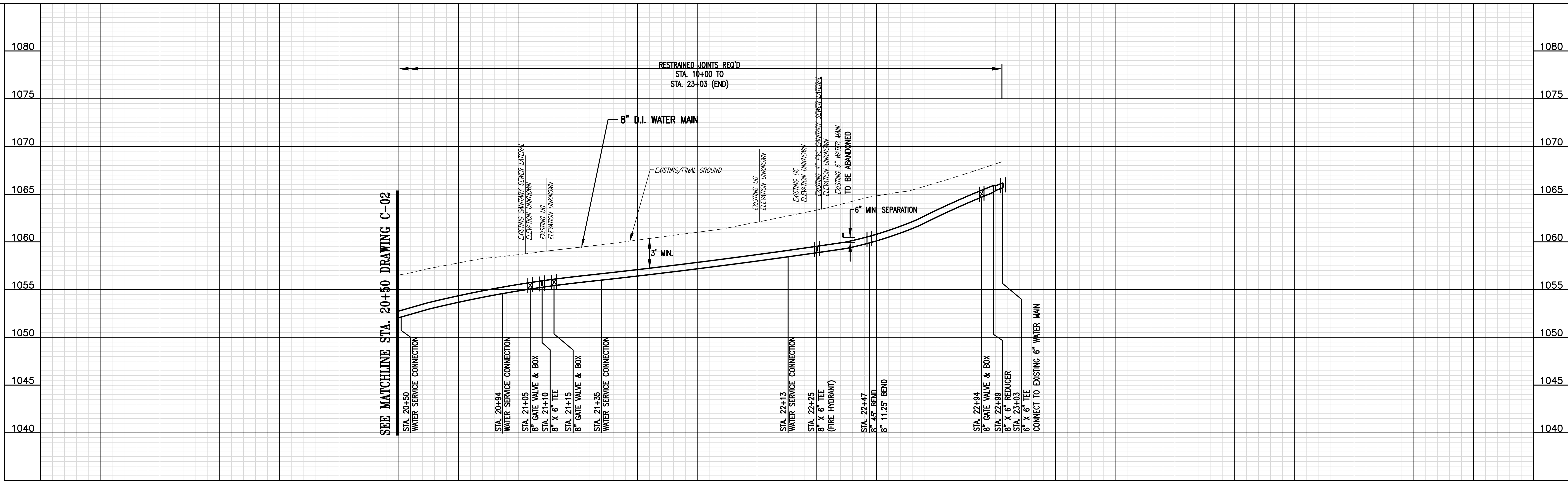
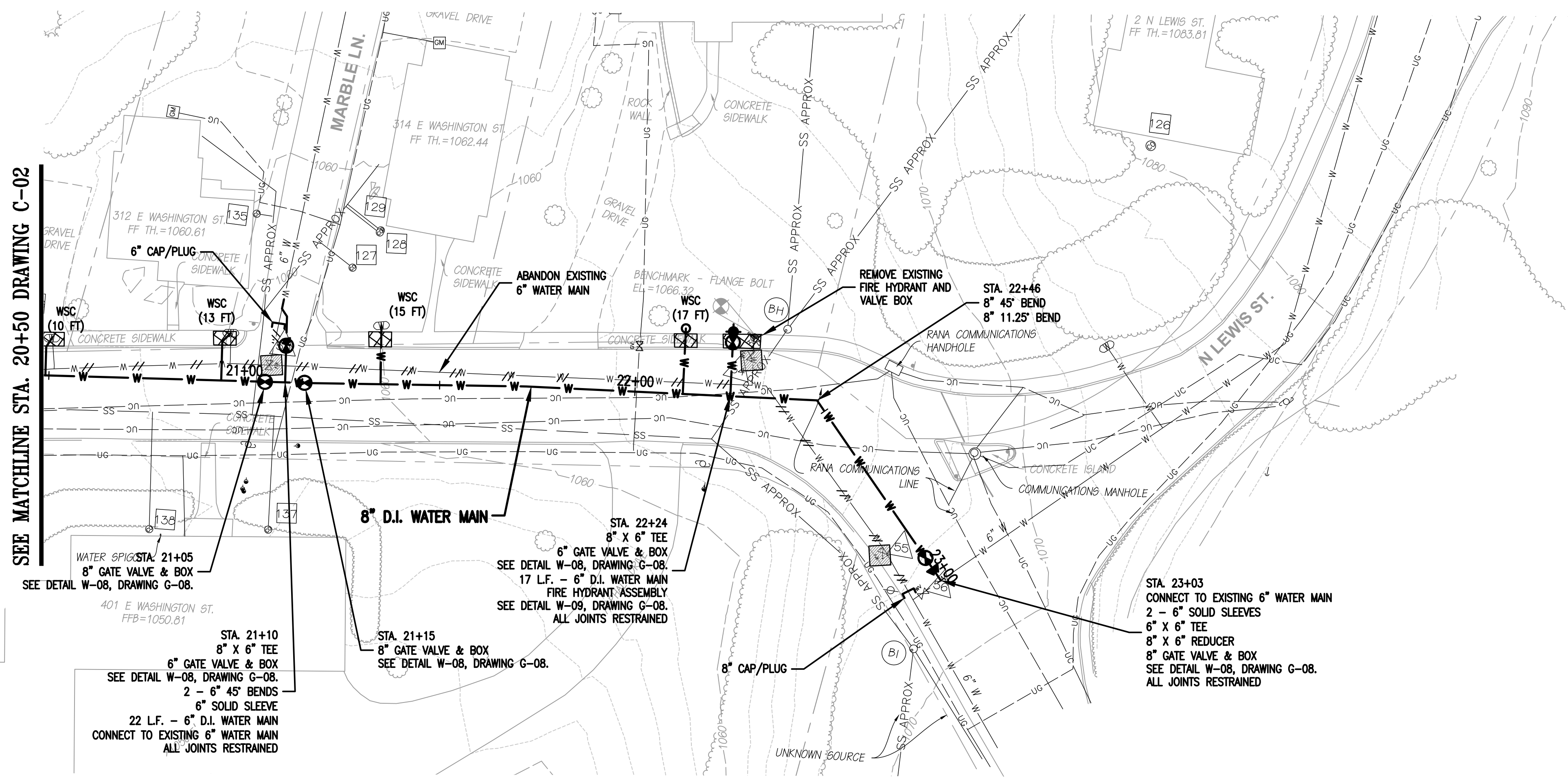
SCALE: AS SHOWN
 HORIZ: 1" = 20'
 VERT: 1" = 5'

DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS



REV	DATE	DESCRIPTION	DRAWING	SHEET
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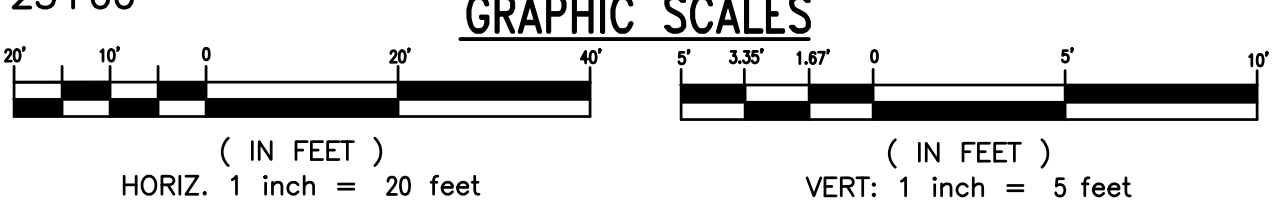
N:\46815-000\CADD\46815006 C-02.dwg May 18, 2021 - 10:59am



CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

DES: PJM
 DRAWN: JES
 CHECK: PJM
 DATE: 5/18/21

SCALE: AS SHOWN
 HORIZ: 1" = 20'
 VERT: 1" = 5'

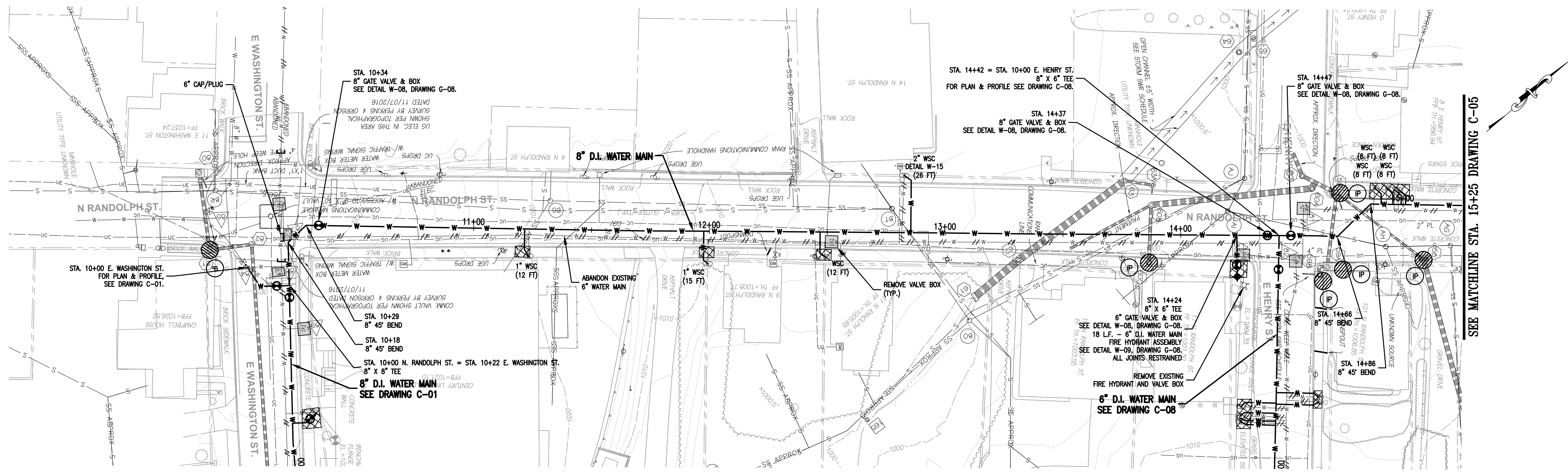


DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS

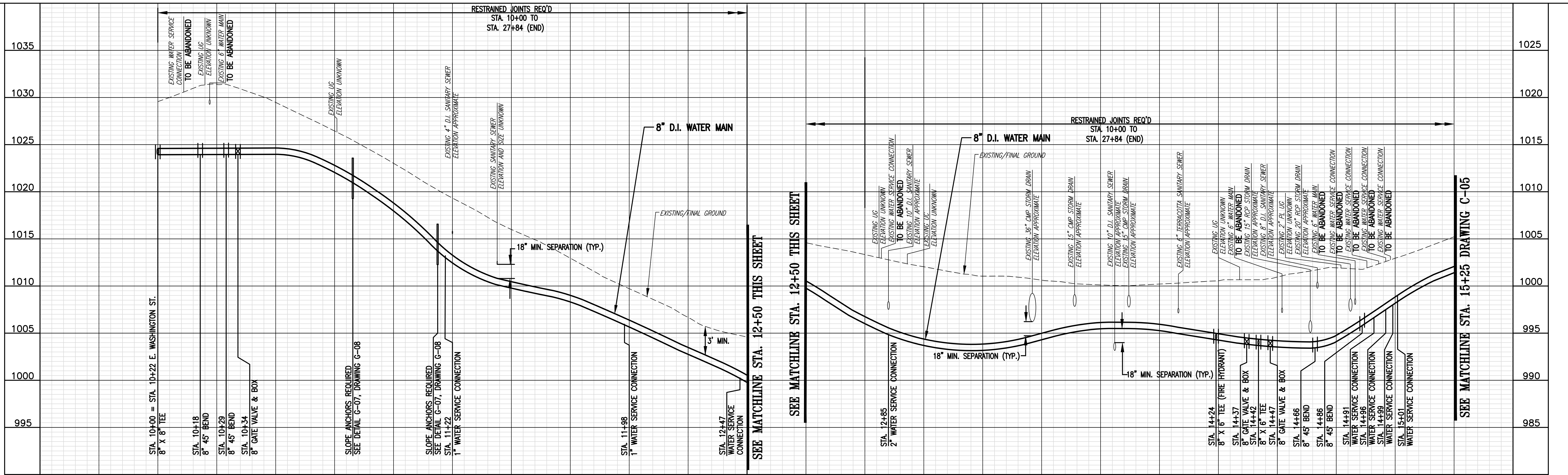
8" WATER MAIN
 STA. 20+50 TO STA. 23+03
 E. WASHINGTON STREET

REV	DATE	DESCRIPTION

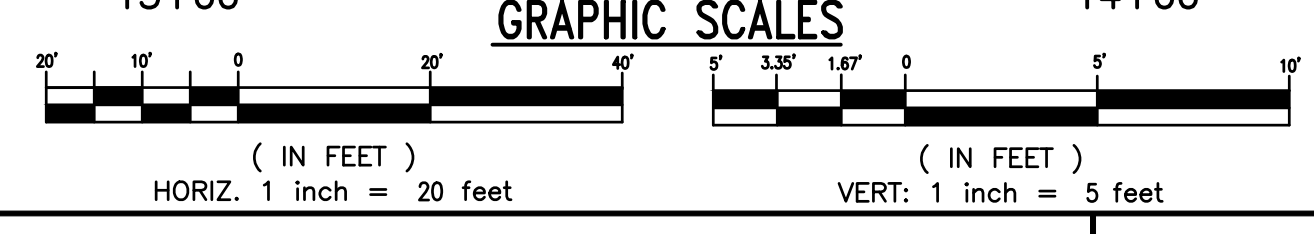
DRAWING	SHEET
C-03	13



SEE MATCHLINE STA. 15+25 DRAWING C-05



SEE MATCHLINE STA. 15+25 DRAWING C-05



COMMONWEALTH OF VIRGINIA
Paula J. Moore
 PAULA J. MOORE
 Lic. No. 035621
 5/18/2021
 PROFESSIONAL ENGINEER

WRA
 Whitman, Reardon & Associates, LLP
 1700 Kraft Dr, Suite 1200, Blacksburg, VA 24060

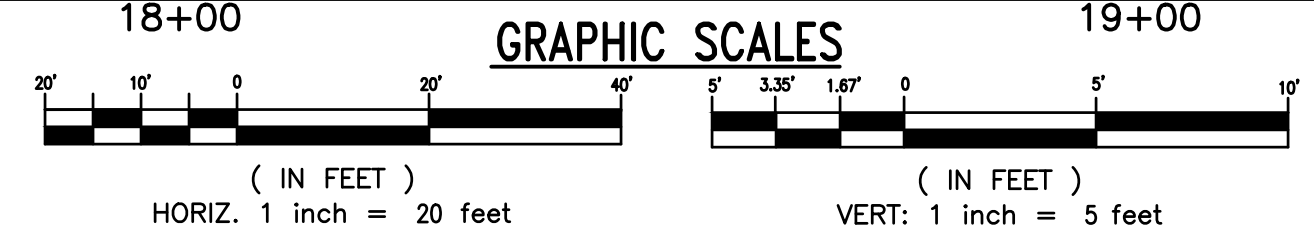
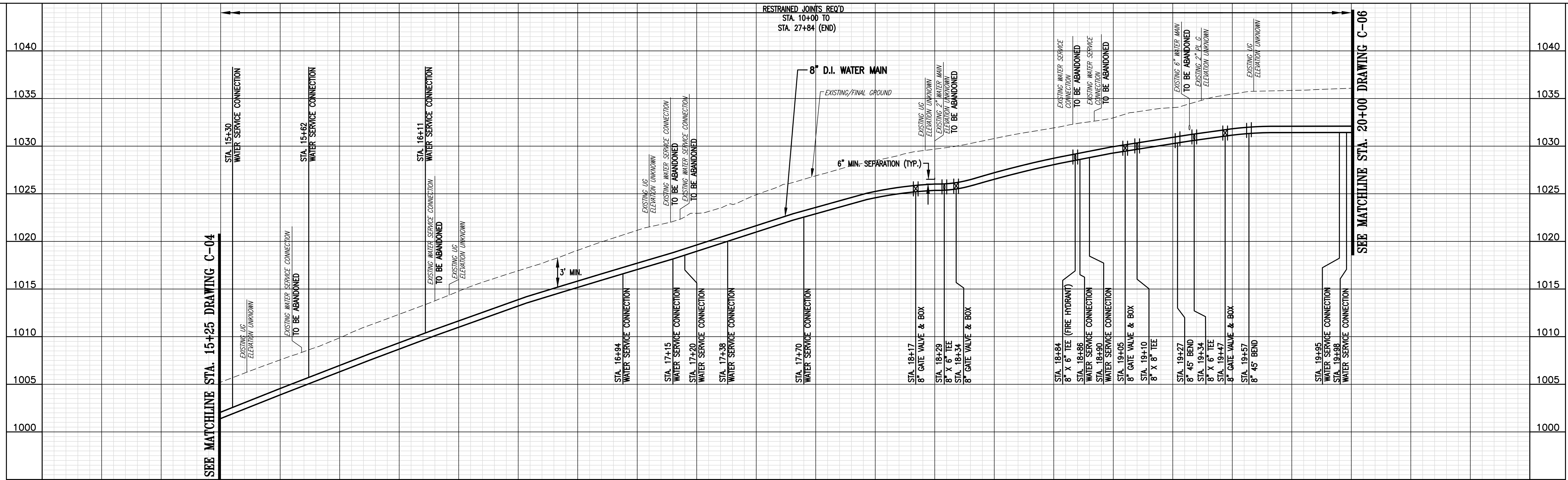
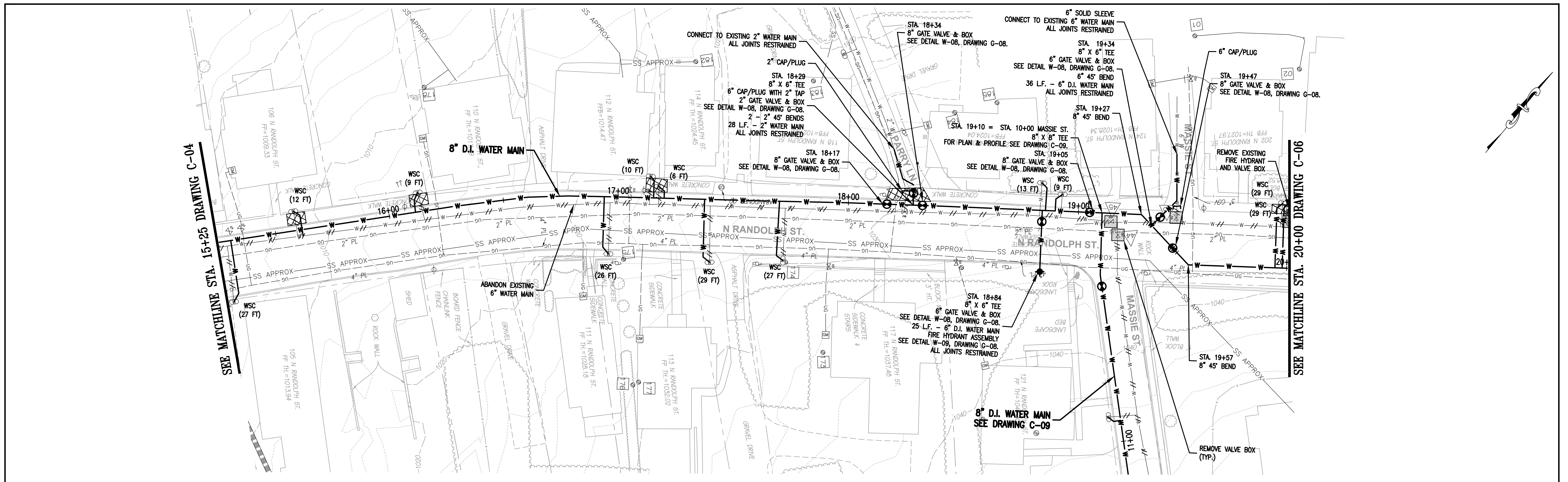
CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

DES: PJM	SCALE: AS SHOWN
DRAWN: JES	HORIZ: 1" = 20'
CHECK: PJM	VERT: 1" = 5'
DATE: 5/18/21	

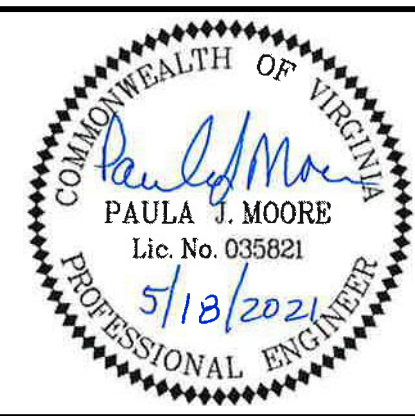
DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS

REV	DATE	DESCRIPTION	DRAWING	SHEET
			C-04	14

N:\4615-000\CAD\4615006 C-04.dwg May 18, 2021 - 11:01am



REV	DATE	DESCRIPTION



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: PJM
DRAWN: JES
CHECK: PJM
DATE: 5/18/21

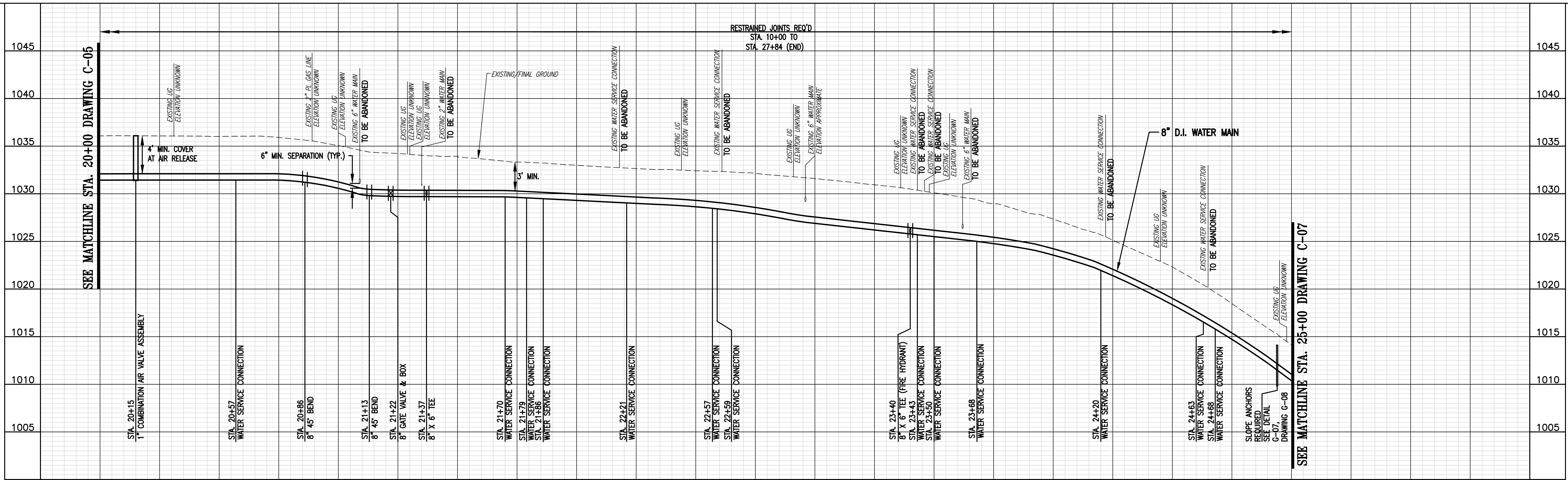
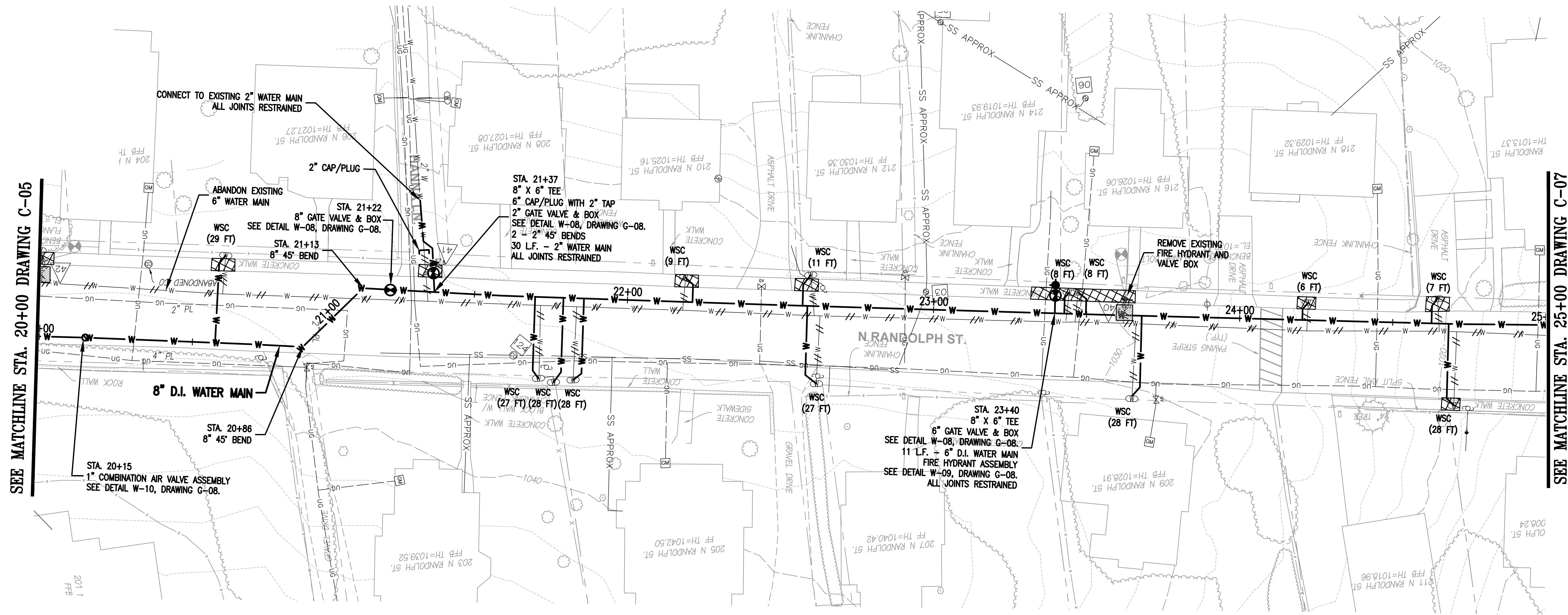
SCALE: AS SHOWN
HORIZ: 1" = 20'
VERT: 1" = 5'

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

8" WATER MAIN
STA. 15+25 TO STA. 20+00
N. RANDOLPH STREET

DRAWING
C-05

SHEET
15



Whitman, Reardon & Associates, LLP
1700 Kraft Dr, Suite 1200, Blacksburg, VA 24060

CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: **PJM**
DRAWN: **JES**
CHECK: **PJM**
DATE: **5/18/21**

SCALE: **AS SHOWN**
HORIZ: **1" = 20'**
VERT: **1" = 5'**

**DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS**

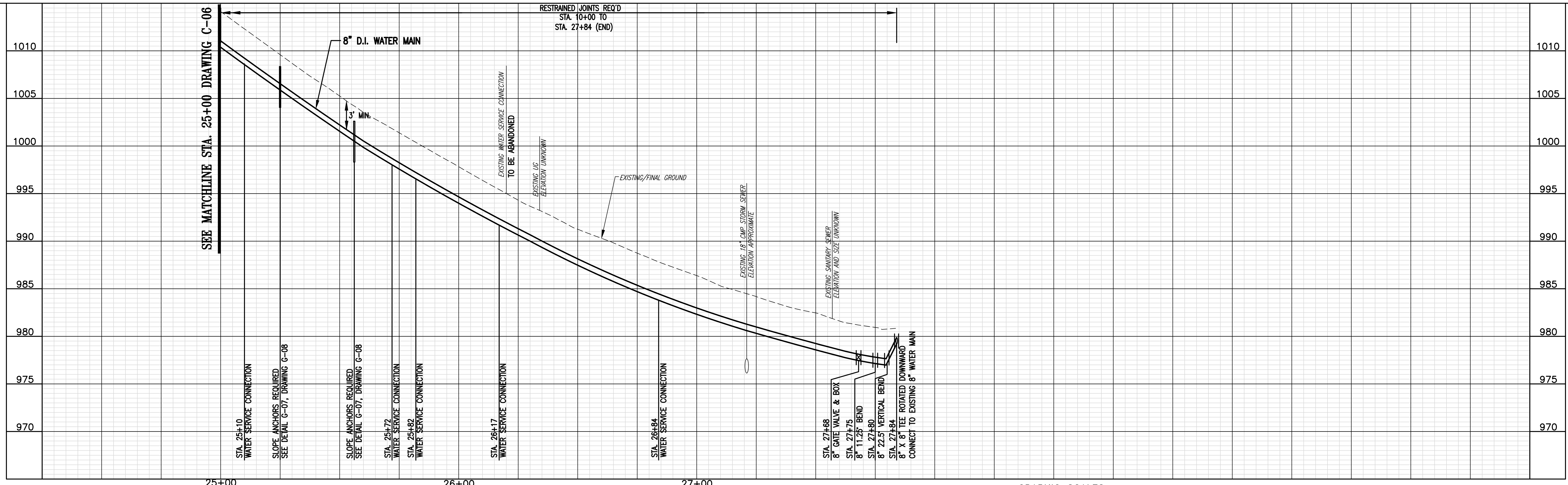
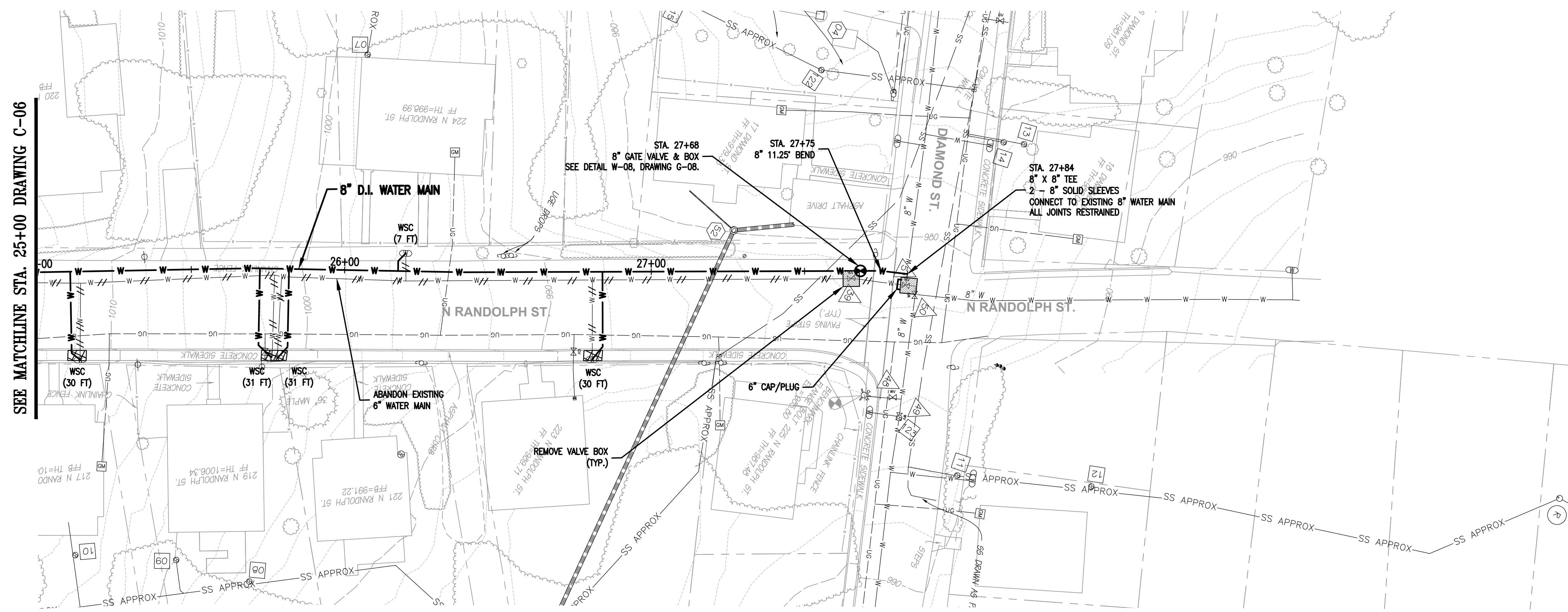
**8" WATER MAIN
STA. 20+00 TO STA. 25+00
N. RANDOLPH STREET**

DRAWING
C-06

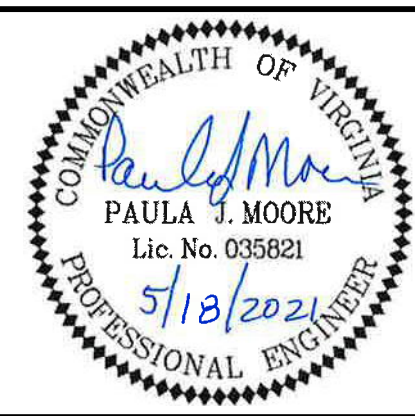
SHEET
16

REV	DATE	DESCRIPTION

N:\4615-000\CAD\4615006 C-06.dwg May 18, 2021 - 11:03am

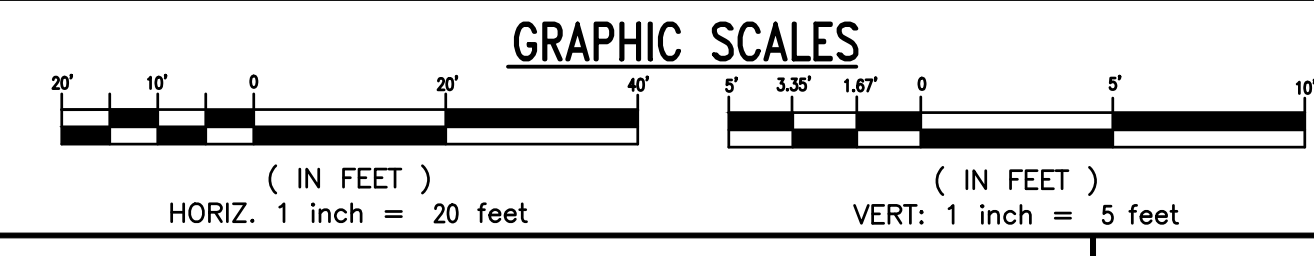


N:\46615-000\CAD\46615006 C-07.dwg May 18, 2021 - 11:04am



CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

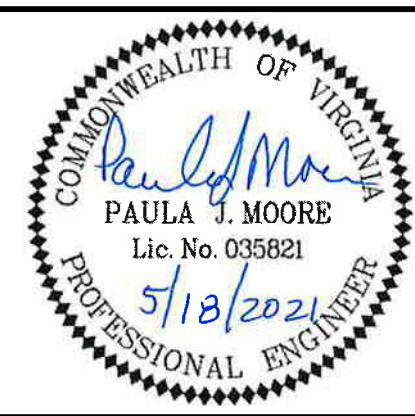
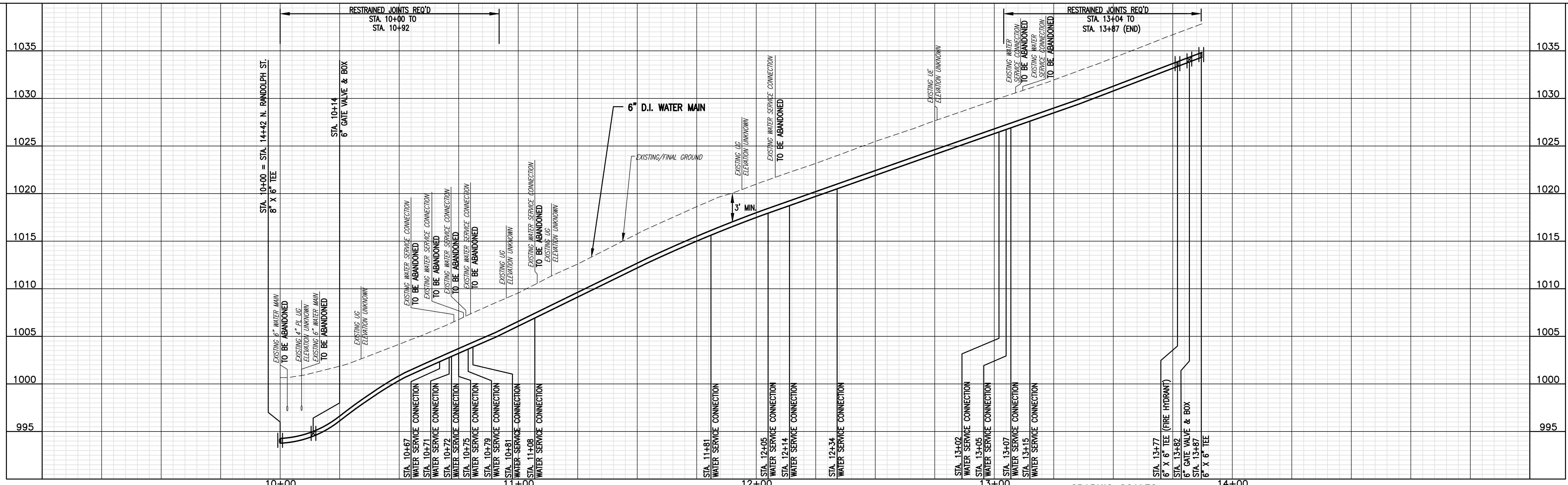
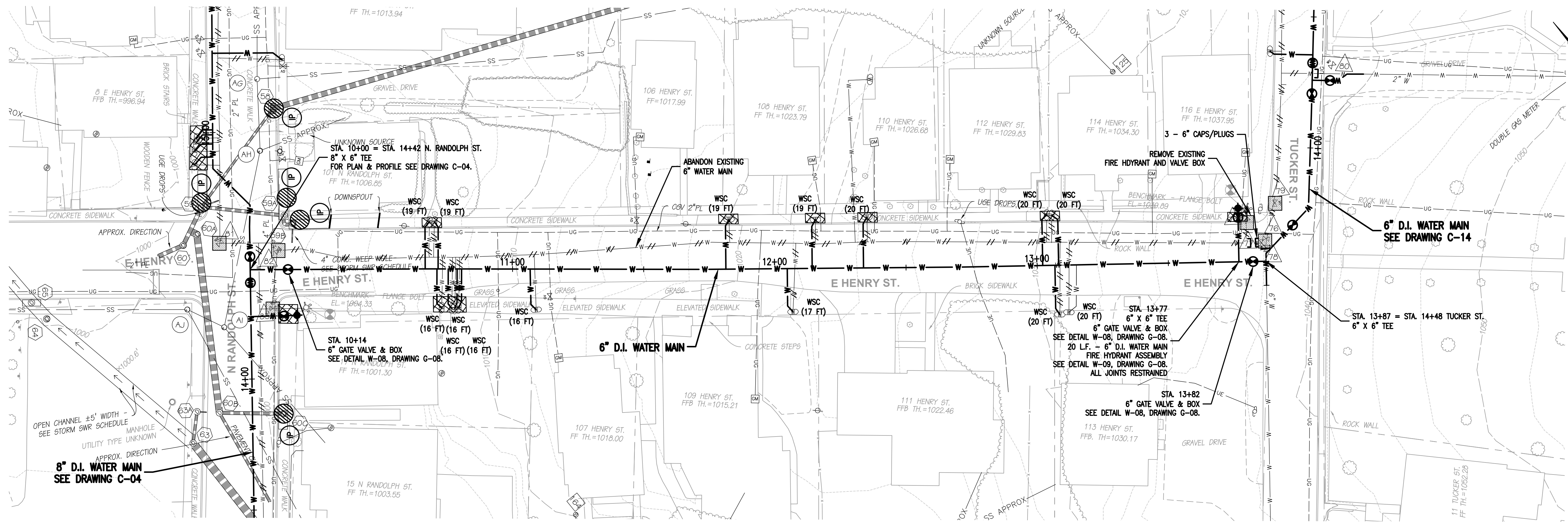
DES:	PJM	SCALE:	AS SHOWN
DRAWN:	JES	HORIZ:	1" = 20'
CHECK:	PJM	VERT:	1" = 5'
DATE:	5/18/21		



DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS

8" WATER MAIN
 STA. 25+00 TO STA. 27+84
 N. RANDOLPH STREET

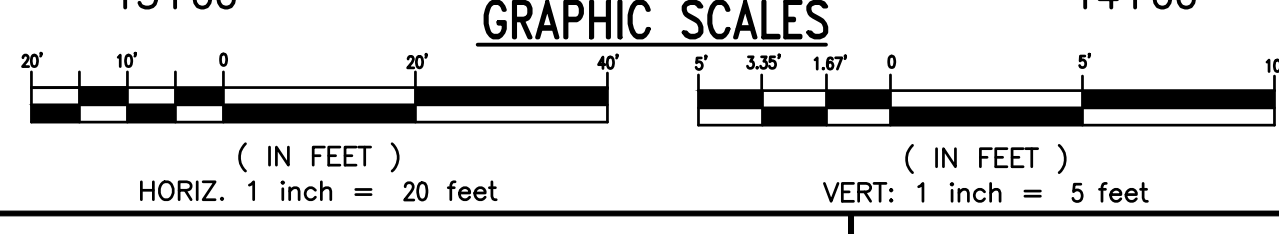
REV	DATE	DESCRIPTION	DRAWING	SHEET
			C-07	17



CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

DES: PJM
 DRAWN: JES
 CHECK: PJM
 DATE: 5/18/21

SCALE: AS SHOWN
 HORIZ: 1" = 20'
 VERT: 1" = 5'



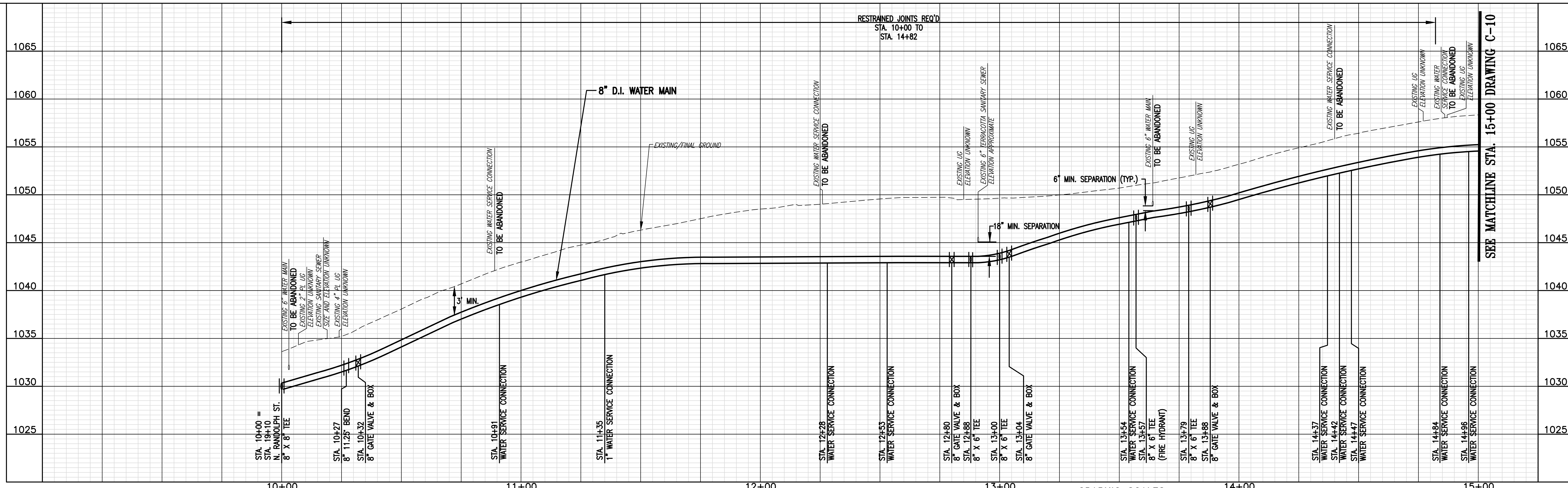
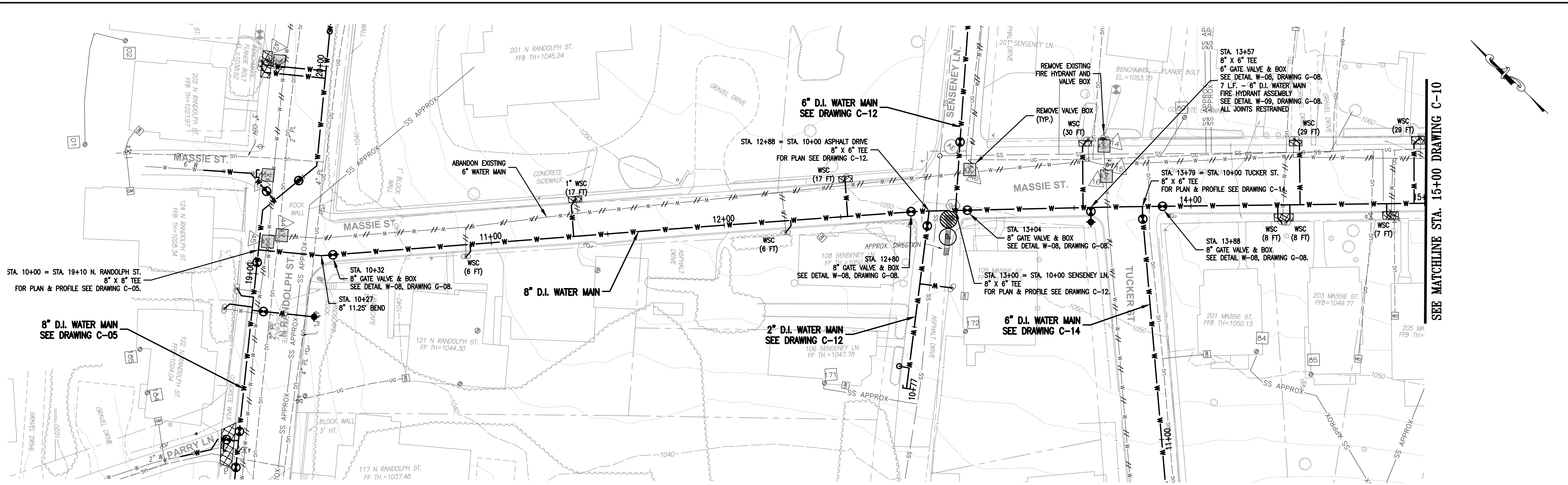
REV	DATE	DESCRIPTION

DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS

6" WATER MAIN
 STA. 10+00 TO STA. 13+87
 E. HENRY STREET

DRAWING
 C-08

SHEET
 18



PAULA J. MOORE
Lic. No. 035621
5/18/2021

Whitman, Requardt & Associates, LLP
1700 Kraft Dr, Suite 1200, Blacksburg, VA 24060

CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: PJM	SCALE: AS SHOWN
DRAWN: JES	HORIZ: 1" = 20'
CHECK: PJM	VERT: 1" = 5'
DATE: 5/18/21	

GRAPHIC SCALES

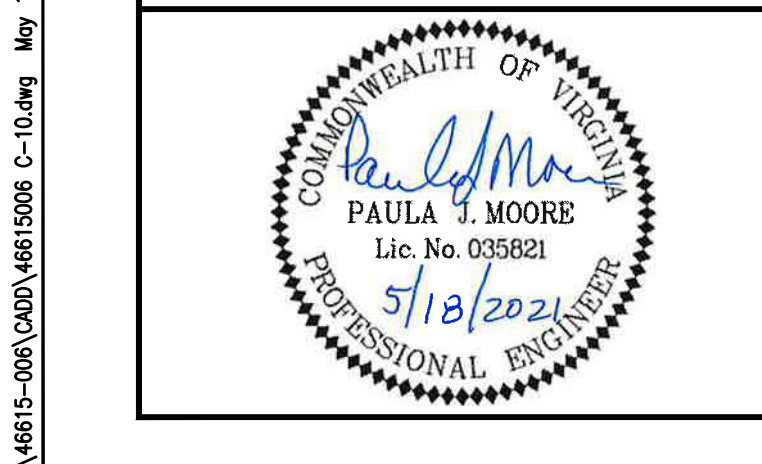
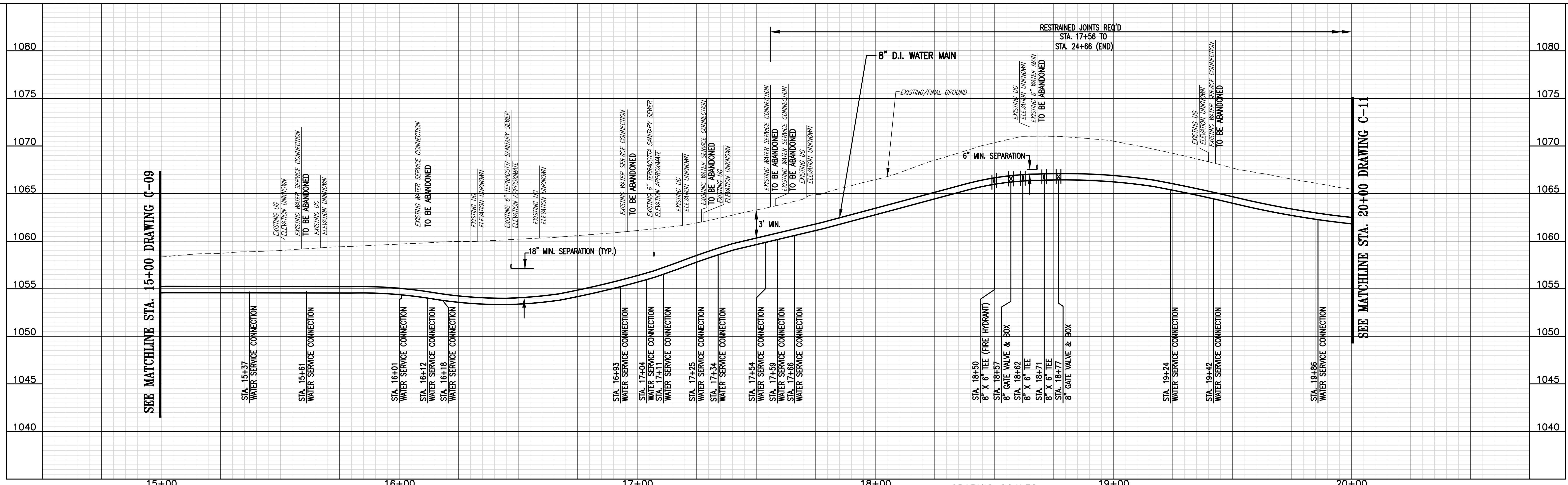
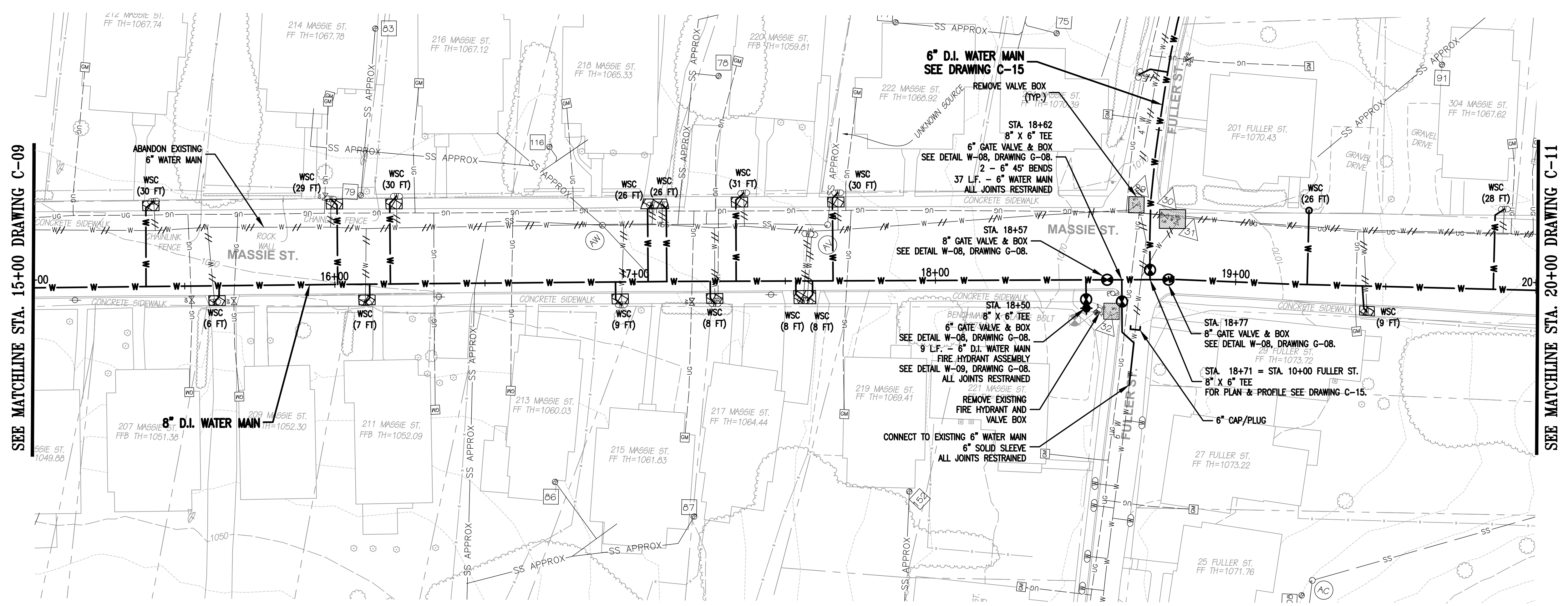
(IN FEET)
HORIZ. 1 inch = 20 feet

(IN FEET)
VERT. 1 inch = 5 feet

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

8" WATER MAIN STA. 10+00 TO STA. 15+00 MASSIE STREET	DRAWING C-09	SHEET 19
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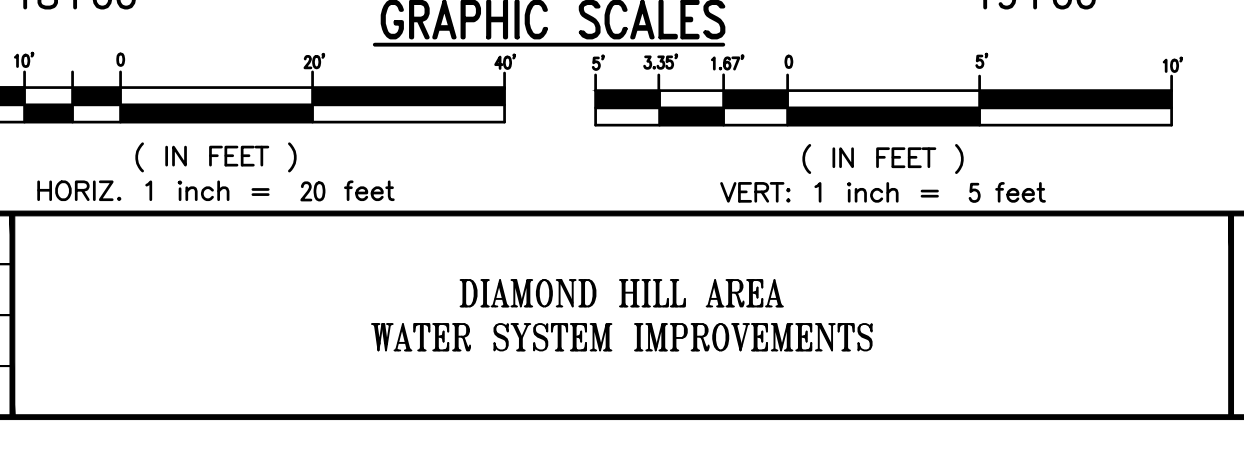
N:\4615-006\CADD\4615006 C-09.dwg May 18, 2021 11:06am



CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

DES: PJM
 DRAWN: JES
 CHECK: PJM
 DATE: 5/18/21

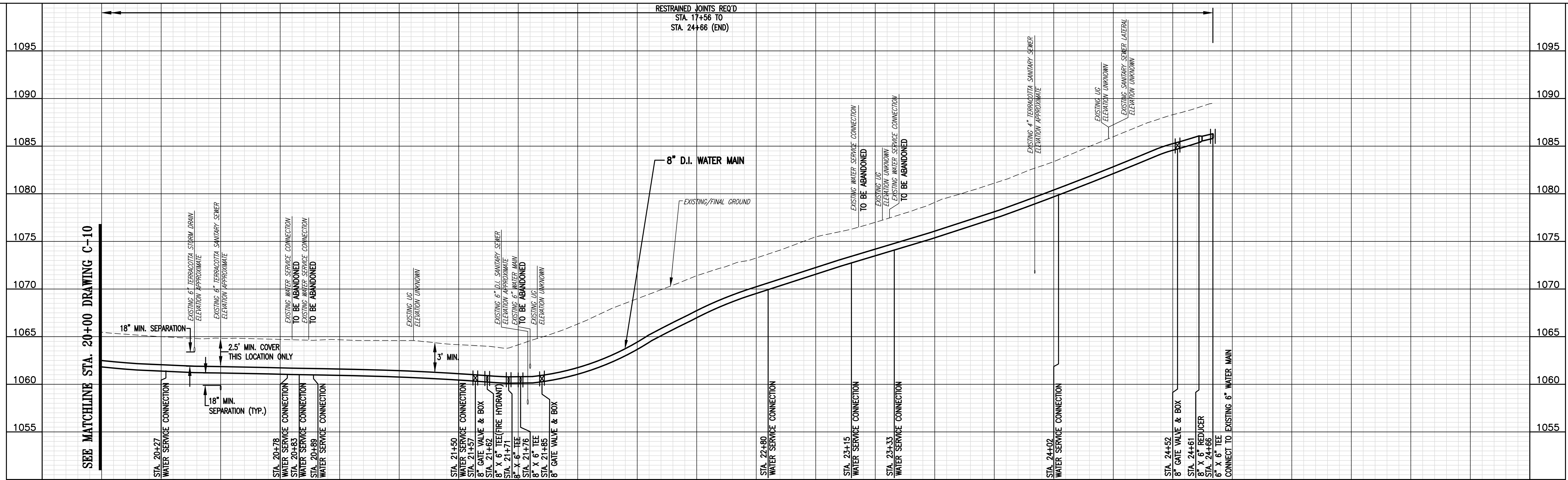
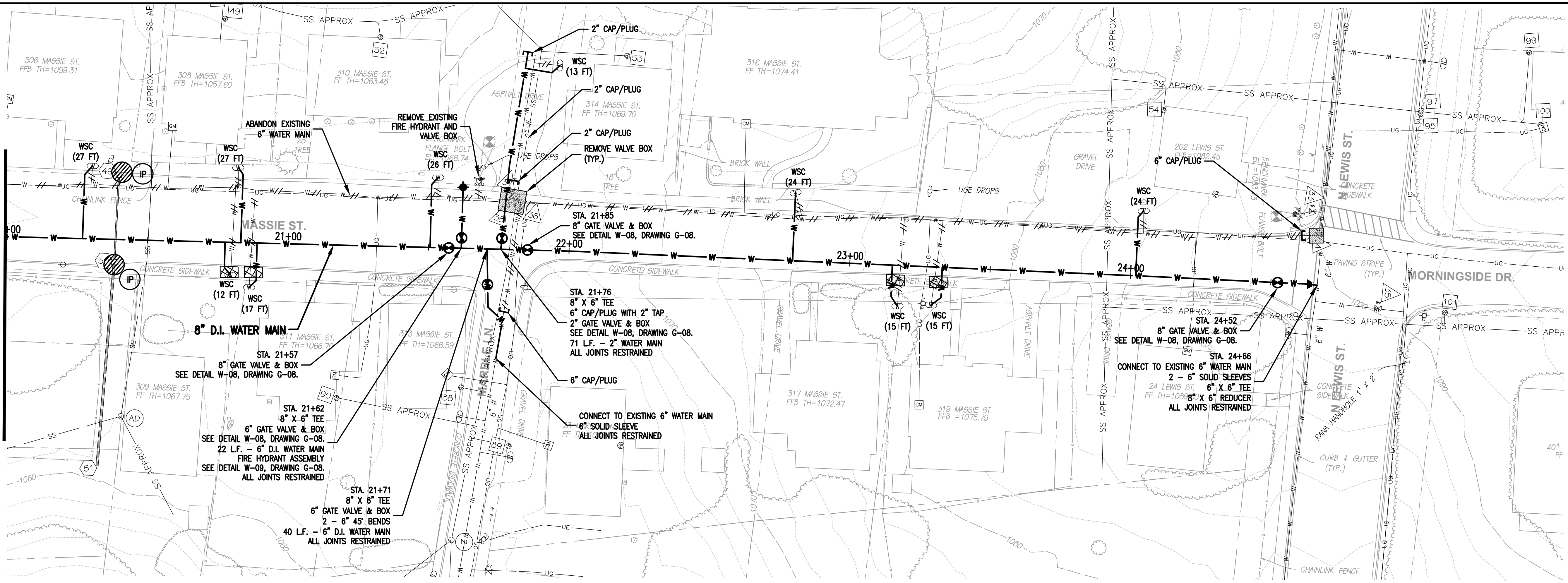
SCALE: AS SHOWN
 HORIZ: 1" = 20'
 VERT: 1" = 5'



REV	DATE	DESCRIPTION	DRAWING	SHEET
			8" WATER MAIN STA. 15+00 TO STA. 20+00 MASSIE STREET	C-10 20

N:\4615-000\CADD\4615006 C-10.dwg May 18, 2021 - 11:06am

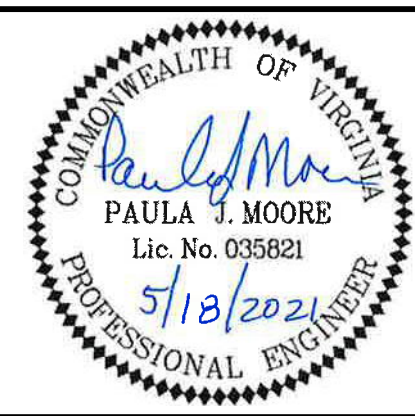
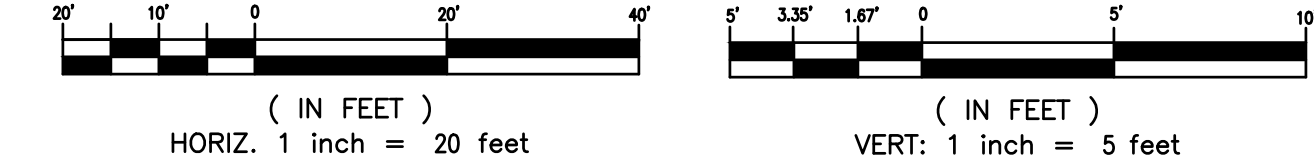
SEE MATCHLINE STA. 20+00 DRAWING C-10



SEE MATCHLINE STA. 20+00 DRAWING C-10

RESTRAINED JOINTS REQ'D
STA. 17+56 TO
STA. 24+66 (END)

GRAPHIC SCALES



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

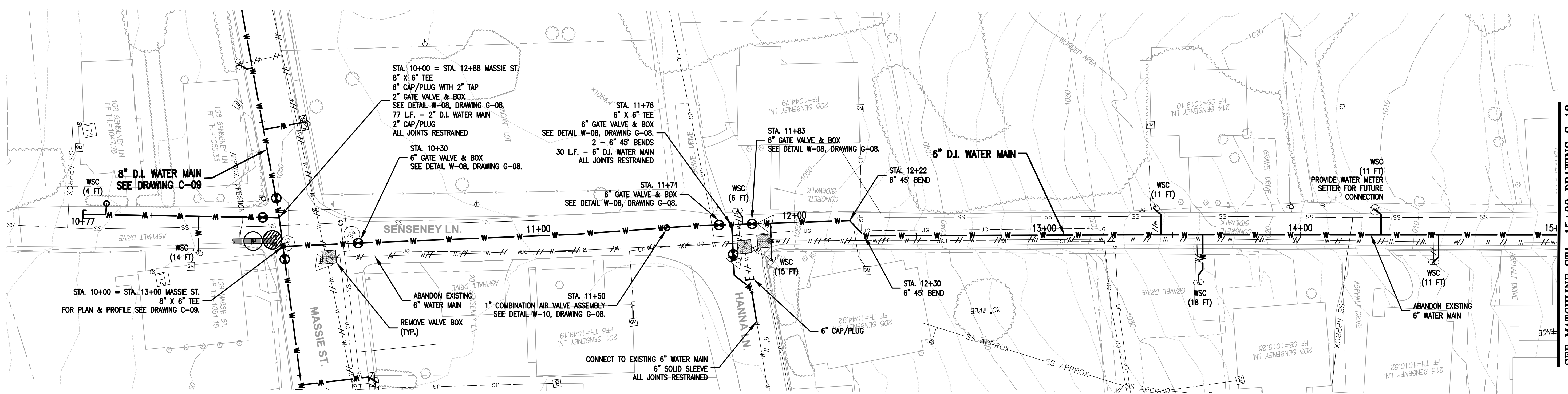
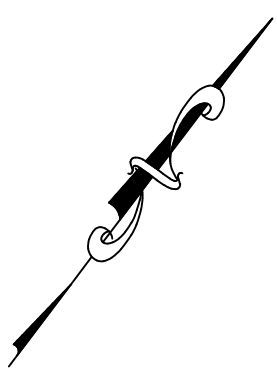
DES: PJM
DRAWN: JES
CHECK: PJM
DATE: 5/18/21

SCALE: AS SHOWN
HORIZ: 1" = 20'
VERT: 1" = 5'

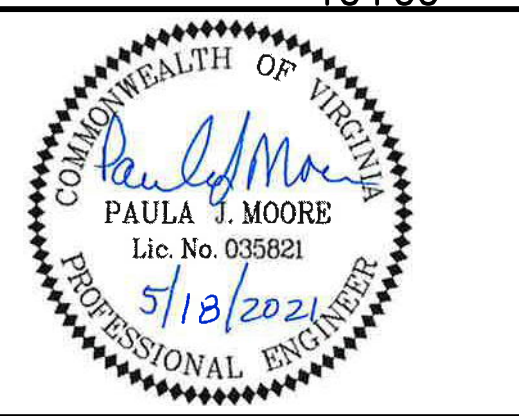
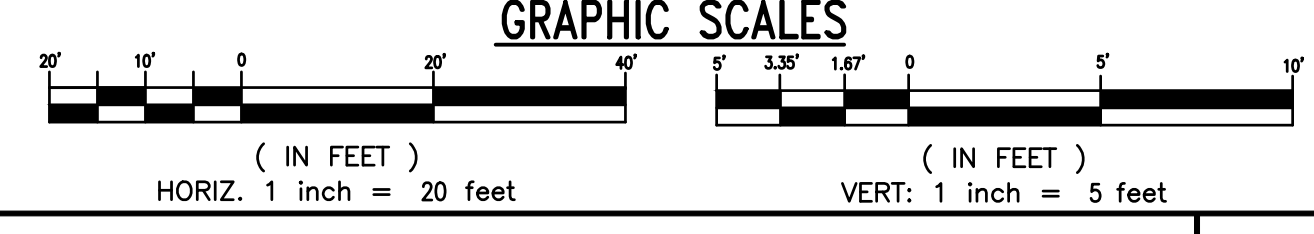
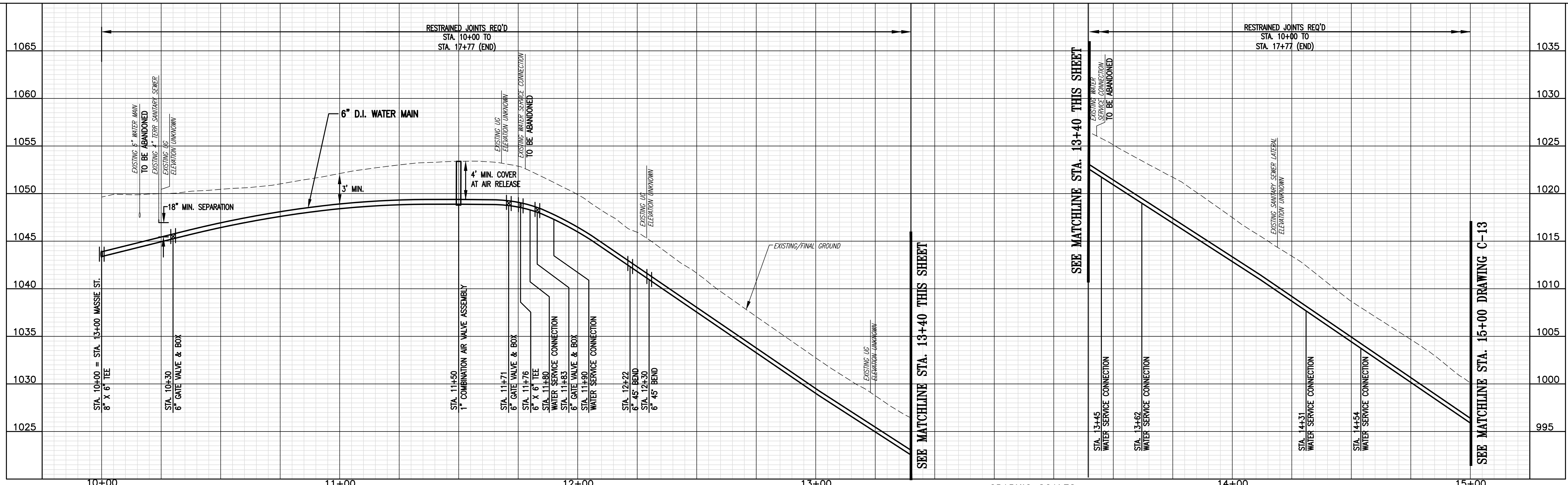
DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

8" WATER MAIN
STA. 20+00 TO STA. 24+66
MASSE STREET

REV	DATE	DESCRIPTION	DRAWING	SHEET
			C-11	21



SEE MATCHLINE STA. 15+00 DRAWING C-13



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: PJM
DRAWN: JES
CHECK: PJM
DATE: 5/18/21

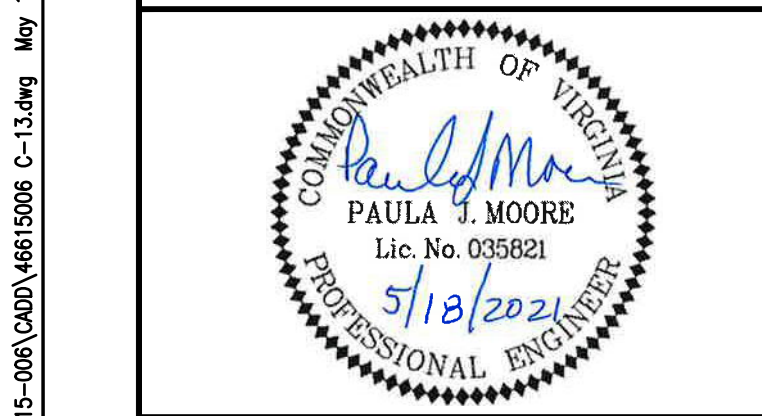
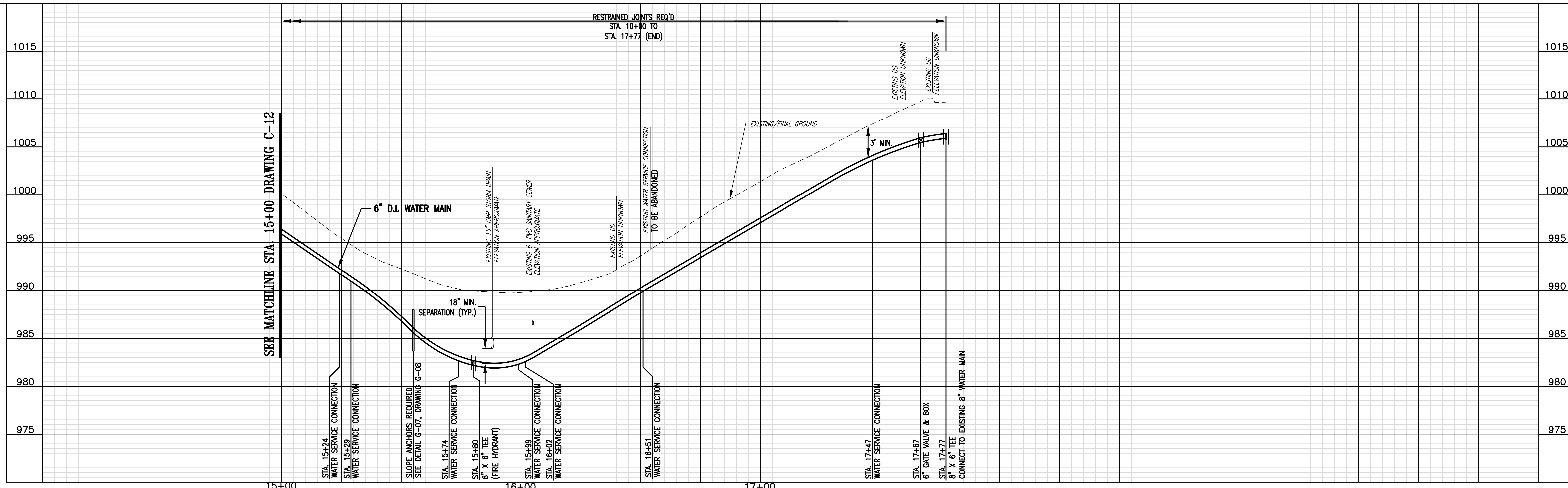
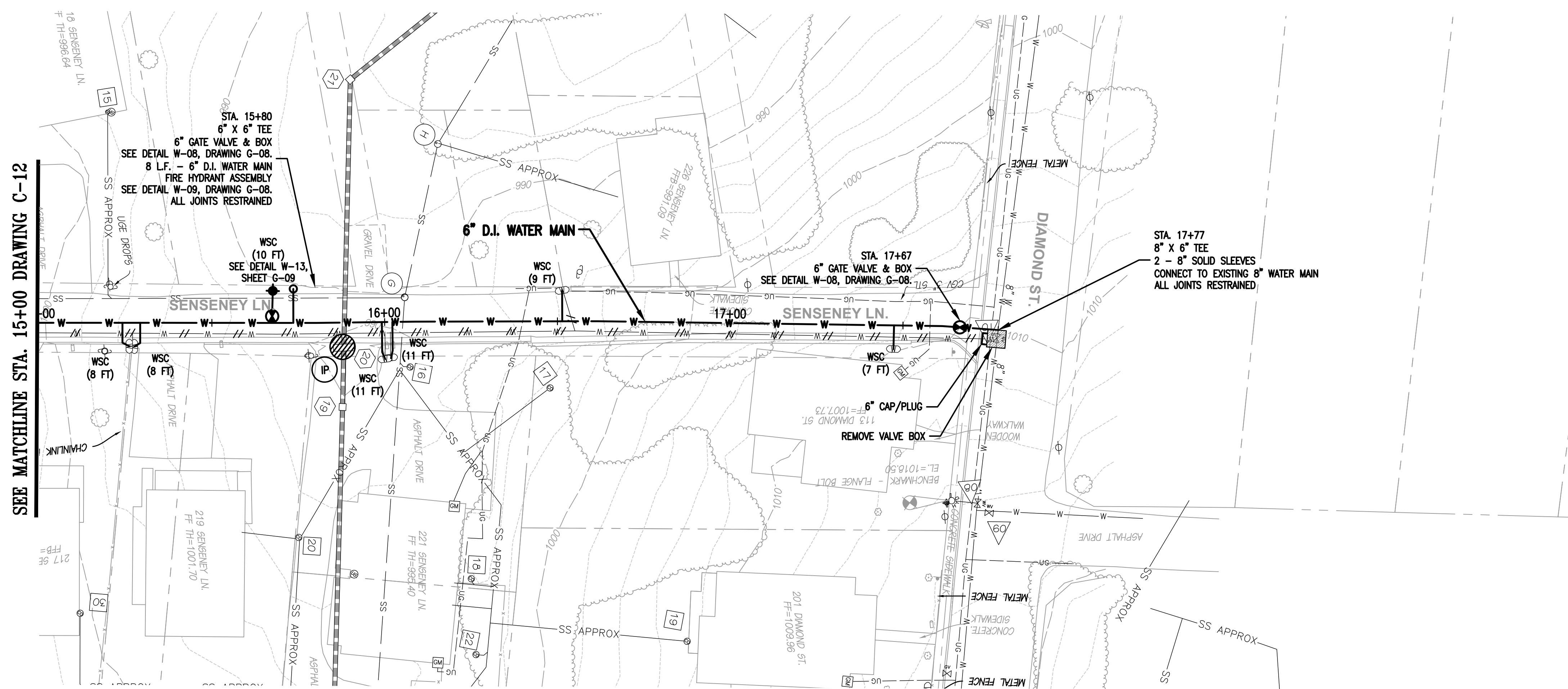
SCALE: AS SHOWN
HORIZ: 1" = 20'
VERT: 1" = 5'

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

6" WATER MAIN
STA. 10+00 TO STA. 15+00
SENSENEY LANE

REV	DATE	DESCRIPTION	SHEET
		DRAWING	
		C-12	22

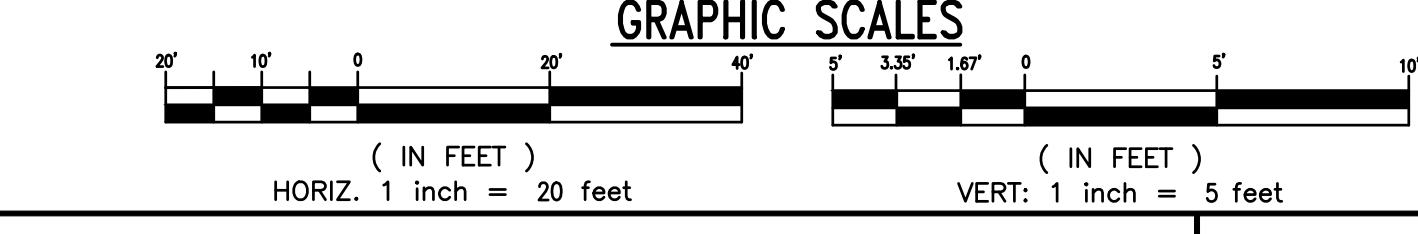
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CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

DES: PJM
 DRAWN: JES
 CHECK: PJM
 DATE: 5/18/21

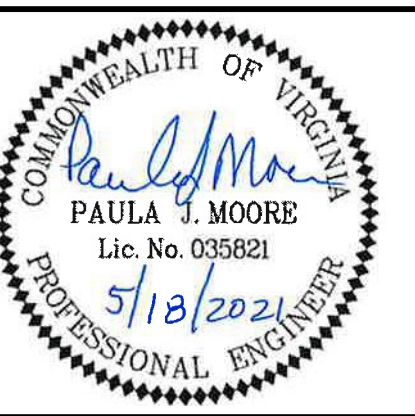
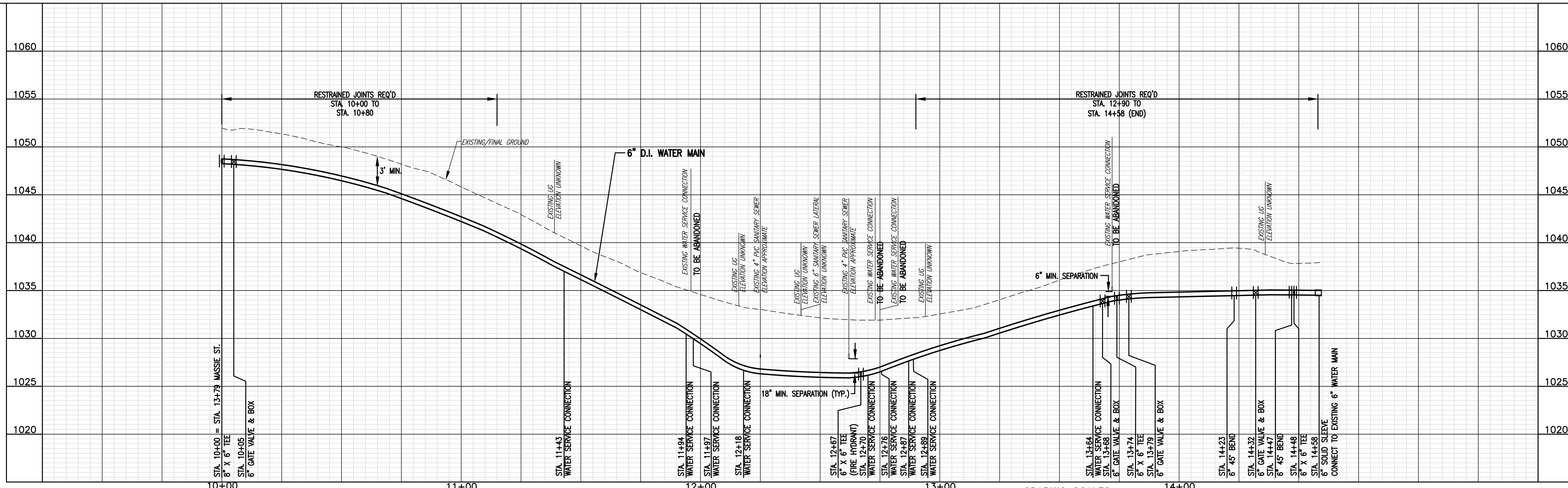
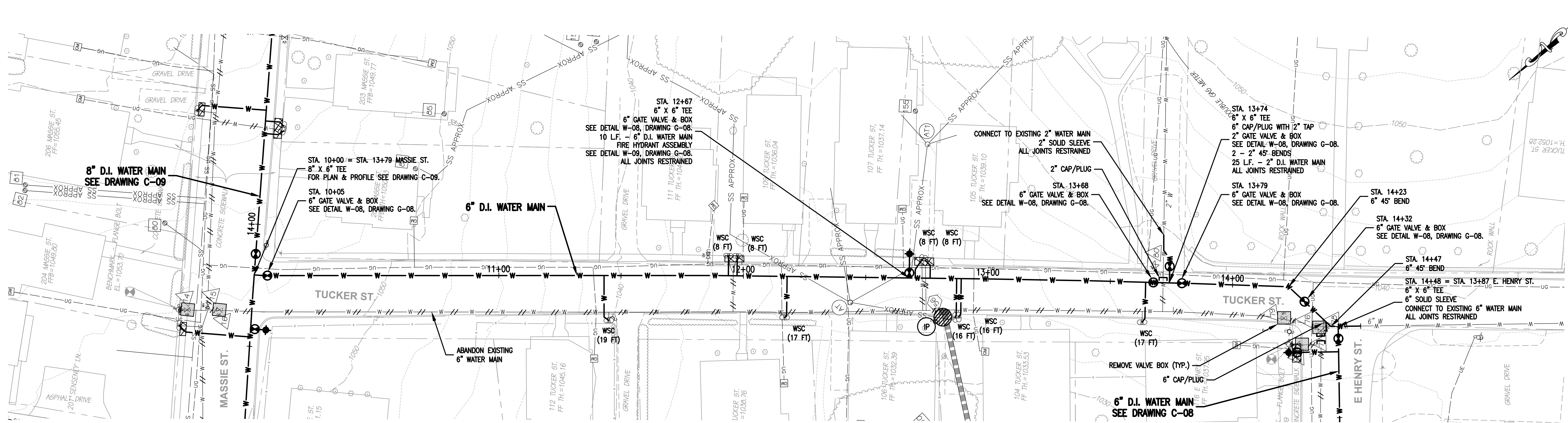
SCALE: AS SHOWN
 HORIZ: 1" = 20'
 VERT: 1" = 5'



DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS

6" WATER MAIN
 STA. 15+00 TO STA. 17+77
 SENSENEY LANE

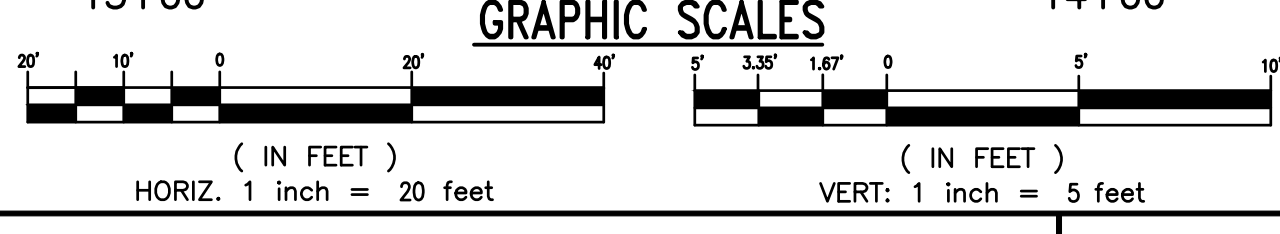
REV	DATE	DESCRIPTION	DRAWING	SHEET
			C-13	23



CITY OF LEXINGTON PUBLIC WORKS
 890 SHOP ROAD
 LEXINGTON, VIRGINIA 24450

DES: PJM
 DRAWN: JES
 CHECK: PJM
 DATE: 5/18/21

SCALE: AS SHOWN
 HORIZ: 1" = 20'
 VERT: 1" = 5'

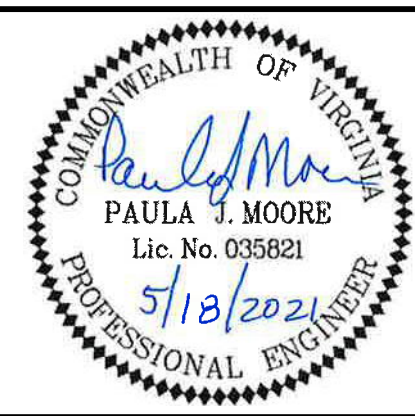
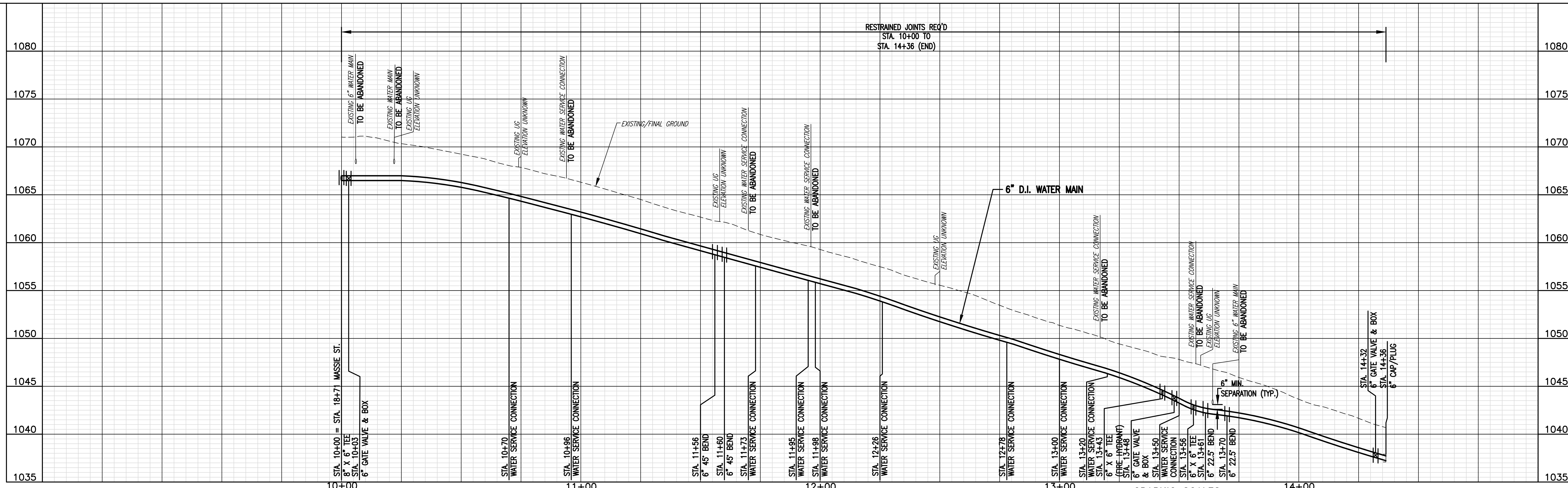
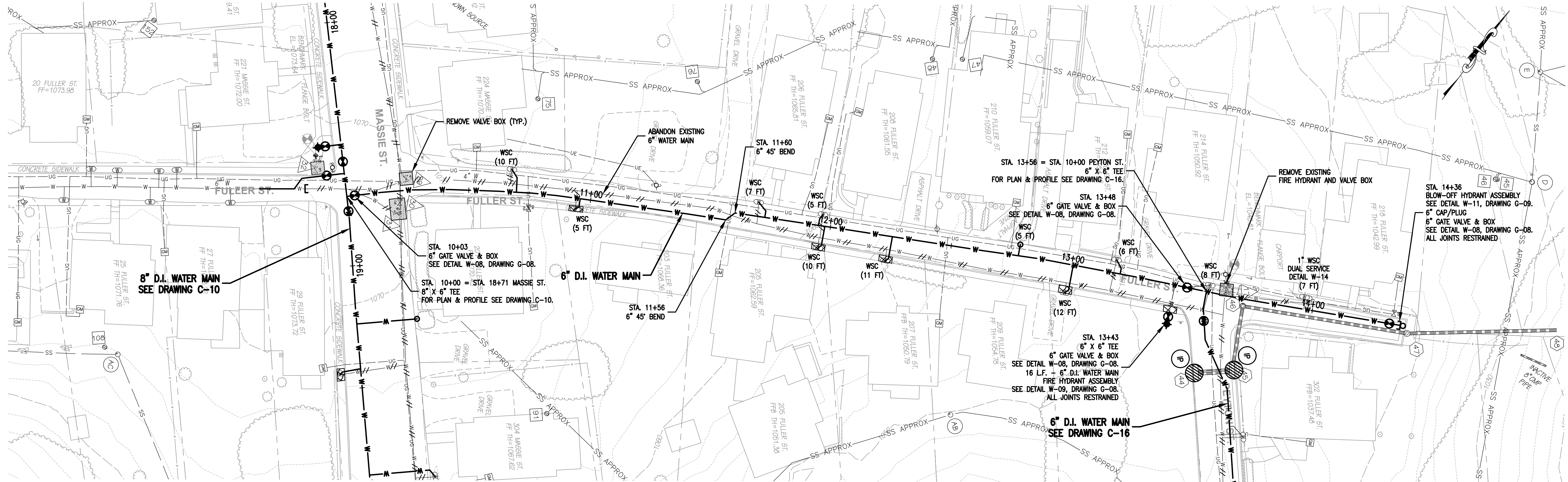


DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS

6" WATER MAIN
 STA. 10+00 TO STA. 14+58
 TUCKER STREET

REV	DATE	DESCRIPTION

DRAWING	SHEET
C-14	24



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: PJM
DRAWN: JES
CHECK: PJM
DATE: 5/18/21

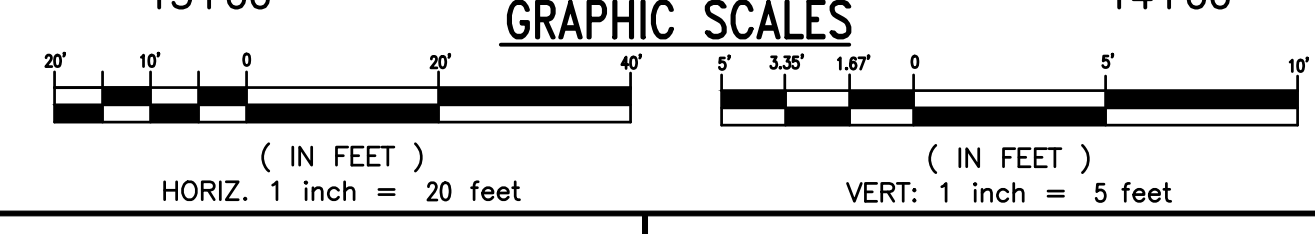
SCALE: AS SHOWN
HORIZ: 1" = 20'
VERT: 1" = 5'

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

6" WATER MAIN
STA. 10+00 TO STA. 14+37
FULLER STREET

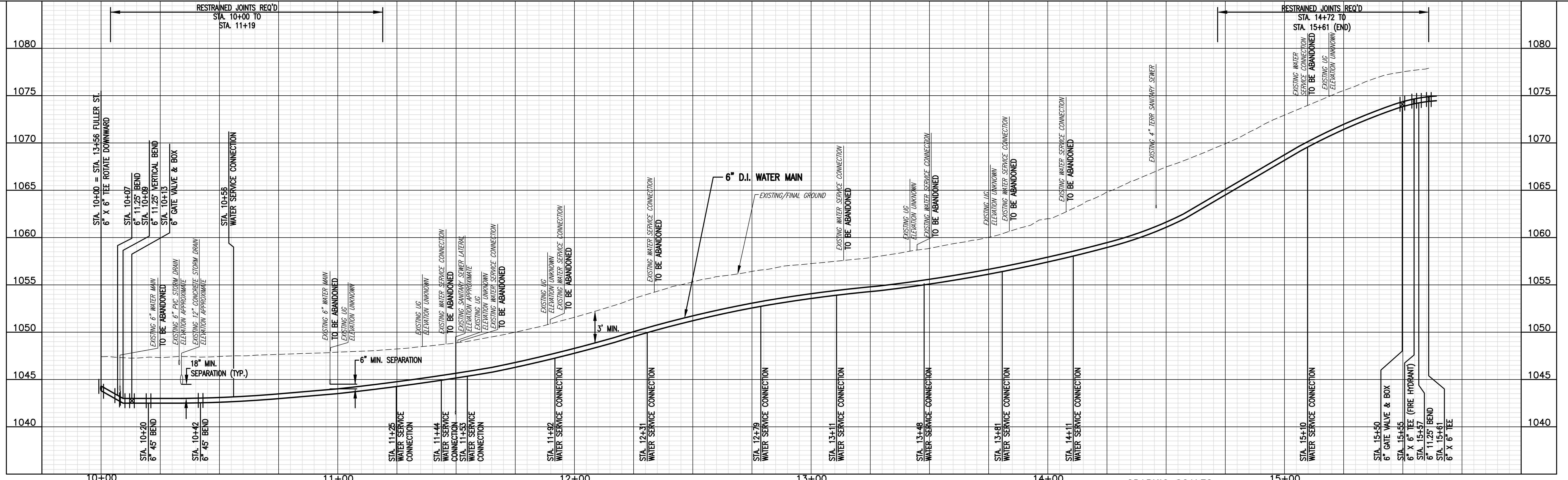
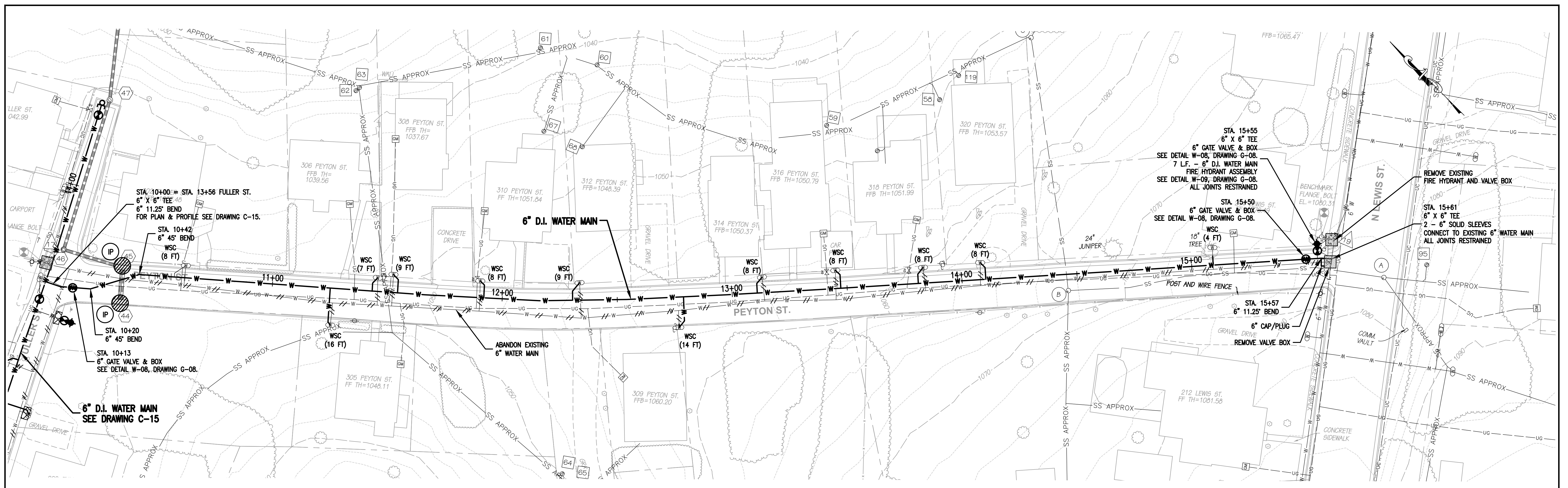
DRAWING
C-15

SHEET
25



REV	DATE	DESCRIPTION

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WRQ
Whitman, Reardon & Associates, LLP
1700 Kraft Dr, Suite 1200, Blacksburg, VA 24060

CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: PJM
DRAWN: JES
CHECK: PJM
DATE: 5/18/21

SCALE: AS SHOWN
HORIZ: 1" = 20'
VERT: 1" = 5'

DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

GRAPHIC SCALES
(IN FEET)
HORIZ. 1 inch = 20 feet
(IN FEET)
VERT. 1 inch = 5 feet

REV	DATE	DESCRIPTION

**6" WATER MAIN
STA. 10+00 TO STA. 15+61
PEYTON STREET**

DRAWING
C-16

SHEET
26

N:\4615-006\CAD\4615006 C-16.dwg May 18, 2021 - 11:12am

TEMPORARY TRAFFIC CONTROL PLAN NOTES:

1. UNLESS OTHERWISE APPROVED OR DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE FOLLOWING NOTES AND TEMPORARY TRAFFIC CONTROL PLANS.
2. CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY OF LEXINGTON FOR WORK WITHIN THE RIGHT-OF-WAY.
3. IF THE CONTRACTOR WISHES TO DEVIATE FROM THE APPROVED TRAFFIC CONTROL PLANS, HE / SHE SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN TO THE CONSTRUCTION ENGINEER FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION. ANY MAINTENANCE OF TRAFFIC PLANS SUBMITTED BY THE CONTRACTOR THAT DIFFER FROM THE APPROVED MAINTENANCE OF TRAFFIC PLANS MUST BE SUBMITTED WITH THE SAME LEVEL OF DETAIL AS THE APPROVED MAINTENANCE OF TRAFFIC PLANS.
4. TRAFFIC CONTROL DEVICES SHALL COMPLY WITH:
 - A. 2011 VIRGINIA WORK AREA PROTECTION MANUAL (VA WAPM) WITH REVISION 2.
 - B. 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) WITH REVISIONS 1 AND 2.
 - C. 2011 VIRGINIA SUPPLEMENT TO THE MUTCD WITH REVISION 1.
5. IT IS NOT THE INTENT OF THESE PLANS TO ENUMERATE EVERY DETAIL WHICH MUST BE CONSIDERED IN THE CONSTRUCTION OF EACH STAGE, BUT ONLY TO SHOW THE GENERAL HANDLING OF TRAFFIC.
6. THE TRAFFIC CONTROL FEATURES SHOWN HERE DEPICT THE MAJOR TRAFFIC CONTROL ITEMS (FOR EXAMPLE, LOCATION OF SHADOW VEHICLES NOT SHOWN). DAILY CONTROL OF TRAFFIC INCLUDING THE PLACEMENT, MAINTENANCE AND REMOVAL OF TRAFFIC CONTROL DEVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
7. ALL SIGNS, CHANNELIZING DEVICES, AND ANY OTHER DEVICES USED IN THE CONSTRUCTION ZONE SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE KEPT CLEAN AND PROPERLY ALIGNED AT ALL TIMES.
8. THE CLEAR ZONE SHALL BE MAINTAINED FREE OF PARKED EQUIPMENT AND STORED MATERIALS OR OTHERWISE PROTECTED IN ACCORDANCE WITH THE VA WAPM.
9. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SIGHT DISTANCE WITH THE PLACEMENT OF ALL TRAFFIC CONTROL DEVICES AND CONSTRUCTION EQUIPMENT / MATERIAL.
10. EXCAVATED AREAS SHALL BE BACKFILLED AND TOPPED WITH STONE AT ROADWAY GRADE OR OTHERWISE REPAIRED TO GRADE BY THE END OF EACH WORK PERIOD.
11. WHEN A DROPOFF CONDITION EXISTS, THE CONTRACTOR SHALL ADHERE TO VA WAPM APPENDIX A.
12. ALL CONFLICTING HIGHWAY SIGNS SHALL BE COVERED. ADDITIONALLY, ALL WORK ZONE SIGNS NOT IN USE SHALL BE COVERED OR REMOVED. IF COVERED, SIGNS SHALL BE DELINEATED PER THE VA WAPM.
13. CONTRACTOR SHALL NOTE THE POSSIBLE PRESENCE OF EXISTING UTILITIES ADJACENT TO EXISTING ROADWAYS. CONTRACTOR SHALL CONFIRM POST MOUNTING OF CONSTRUCTION SIGNS DO NOT CONFLICT WITH EXISTING UTILITIES.
14. ACCESS TO RESIDENTIAL PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
15. ACCESS TO BUSINESS/COMMERCIAL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES DURING THE NORMAL OPERATING HOURS OF EACH BUSINESS. NOTIFICATION SHALL BE PROVIDED AT LEAST 72 HOURS PRIOR TO CLOSING A BUSINESS ENTRANCE DURING NON-BUSINESS HOURS.
16. WHERE WORK IS OCCURRING IN FRONT OF BUSINESS/COMMERCIAL/RESIDENTIAL ENTRANCES, SUFFICIENT TRAFFIC CONTROL DEVICES SHALL BE PROVIDED IN ORDER TO DIRECT MOTORISTS AROUND THE WORK AREA.
17. WHERE WORK IS TO OCCUR DIRECTLY IN FRONT OF RESIDENTIAL DRIVEWAYS THAT PREVENTS INGRESS OR EGRESS, THE CONTRACTOR SHALL NOTIFY THE AFFECTED PROPERTY OWNER AT LEAST 48 HOURS IN ADVANCE OF THE ANTICIPATED CLOSURE. THE CONTRACTOR SHALL PROSECUTE THE WORK IN FRONT OF THE DRIVEWAY CONTINUOUSLY (INCLUDING BACKFILL OF THE TRENCH) UNTIL INGRESS AND EGRESS MOVEMENTS CAN BEGIN AGAIN.
18. CHANNELIZING DEVICE SPACING:

TRANSITION / CURVE / TURN LANE SPACING: 20-FT

TRAVELWAY SPACING: 40-FT
19. UNLESS OTHERWISE NOTED, SIGN SIZES SHALL MEET THE REQUIREMENTS OF VA WAPM TABLE 6F-1.
20. "UTILITY WORK AHEAD" (W21-7) SIGNS MAY BE SUBSTITUTED FOR "ROAD WORK AHEAD" (W20-1) SIGNS WHERE APPROPRIATE. SEE VA WAPM SECTION 6F.45.

TEMPORARY TRAFFIC CONTROL PLAN FIGURE NOTES:

THE FOLLOWING MOT SCHEMES ARE RECOMMENDED FOR THE WORK:

WASHINGTON STREET:

FOR WORK BETWEEN STA. 10+00 AND STA. 12+50: DETOUR WASHINGTON STREET VIA RANDOLPH AND NELSON STREETS. SEE DETOUR MAP ON FIGURE 3. ROAD CLOSED TO THRU TRAFFIC SIGN AT THE INTERSECTION WITH RANDOLPH STREET SHALL BE CHANGED TO ROAD CLOSED AND PLACED IN THE MIDDLE OF THE STREET, WITH ADDITIONAL CHANNELIZING DEVICES BEING PLACED TO CLOSE THE ROAD. THE ROAD SHALL ALSO BE CLOSED AT VARNER LANE WITH SIGNS AND CHANNELIZING DEVICES IN ACCORDANCE WITH THE VA WAPM.

FOR WORK BETWEEN STA. 12+50 AND STA. 21+50: FLAG TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-23.2. SEE FIGURE 1 FOR A TYPICAL FLAGGING SETUP ALONG WASHINGTON STREET.

FOR WORK BETWEEN STA. 21+50 AND STA. 23+00: CLOSE ROAD TO THRU TRAFFIC AND DETOUR TRAFFIC VIA RANDOLPH AND NELSON STREETS. SEE FIGURE 3 FOR THE SETUP AND ASSOCIATED DETOUR.

RANDOLPH STREET:

FOR WORK BETWEEN STA. 10+00 AND STA. 10+30: DETOUR WASHINGTON STREET AS NOTED ABOVE. DETOUR RANDOLPH STREET IN ACCORDANCE WITH VA WAPM TTC-34.2 (VIA WASHINGTON STREET, NORTH MAIN STREET AND EAST HENRY STREET).

FOR WORK BETWEEN STA. 10+30 AND STA. 13+00: DETOUR RANDOLPH STREET AS NOTED ABOVE.

FOR WORK BETWEEN STA. 13+00 AND STA. 27+85: FLAG TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-23.2. SEE FIGURE 2 FOR A TYPICAL FLAGGING SETUP ALONG RANDOLPH STREET.

EAST HENRY STREET:

CLOSE ROAD TO THRU TRAFFIC AND DETOUR TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-34.2 AS SHOWN ON FIGURE 5.

MASSIE STREET:

FOR WORK BETWEEN STA. 13+00 AND STA. 21+75: FLAG TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-23.2. SEE FIGURE 4 FOR A TYPICAL SETUP. IF NECESSARY, CLOSE ROAD TO THRU TRAFFIC AND DETOUR TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-34.2.

FOR WORK BETWEEN STA. 10+25 AND STA. 13+00 AND FOR WORK BETWEEN STA. 21+75 AND STA. 24+65: DETOUR MASSIE STREET IN ACCORDANCE WITH VA WAPM TTC-34.2. (VIA RANDOLPH STREET, DIAMOND STREET AND LEWIS STREET).

SENSENEY LANE:

CLOSE ROAD AND DETOUR TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-34.2 (VIA MASSIE STREET, NORTH RANDOLPH STREET AND DIAMOND STREET). THE ROAD CLOSURE SHALL BE LIMITED TO REASONABLE LENGTHS IN ORDER TO ALLOW RESIDENTS TO ACCESS THEIR HOMES.

TUCKER STREET:

FLAG TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-23.2. IF NECESSARY, CLOSE ROAD TO THRU TRAFFIC AND DETOUR TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-34.2.

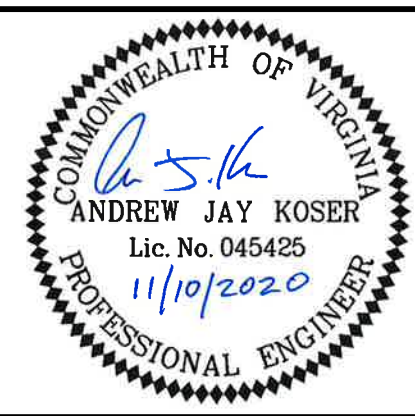
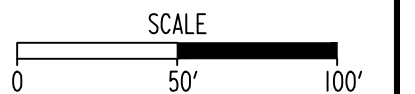
FULLER STREET:

CLOSE ROAD AND DETOUR TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-34.2 (VIA MASSIE STREET, NORTH LEWIS STREET AND PEYTON STREET). THE ROAD CLOSURE SHALL BE LIMITED TO REASONABLE LENGTHS IN ORDER TO ALLOW RESIDENTS TO ACCESS THEIR HOMES.

PEYTON STREET:

CLOSE ROAD AND DETOUR TRAFFIC IN ACCORDANCE WITH VA WAPM TTC-34.2 (VIA NORTH LEWIS STREET, MASSIE STREET AND FULLER STREET). THE ROAD CLOSURE SHALL BE LIMITED TO REASONABLE LENGTHS IN ORDER TO ALLOW RESIDENTS TO ACCESS THEIR HOMES.

FOR WORK OCCURRING WITHIN SIDEWALKS OR CROSSWALKS, PEDESTRIANS SHALL BE PROVIDED A SAFE AND CLEAR PATH AROUND THE WORK. IF NECESSARY, PEDESTRIANS SHALL BE DETOURED IN ACCORDANCE WITH VA WAPM TTC-35.1 OR TTC-36.2.



CITY OF LEXINGTON PUBLIC WORKS		DES: AJK	SCALE: 1"=50'
890 SHOP ROAD LEXINGTON, VIRGINIA 24450		DRAWN: MSF	HORIZ: N/A
		CHECK: AJK	VERT: N/A
		DATE: 11/10/20	

DIAMOND HILL AREA WATER SYSTEM IMPROVEMENTS
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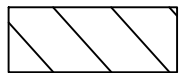


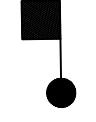
MAINTENANCE OF TRAFFIC PLAN MOT NOTES
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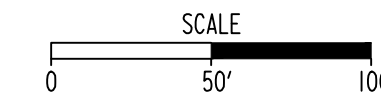
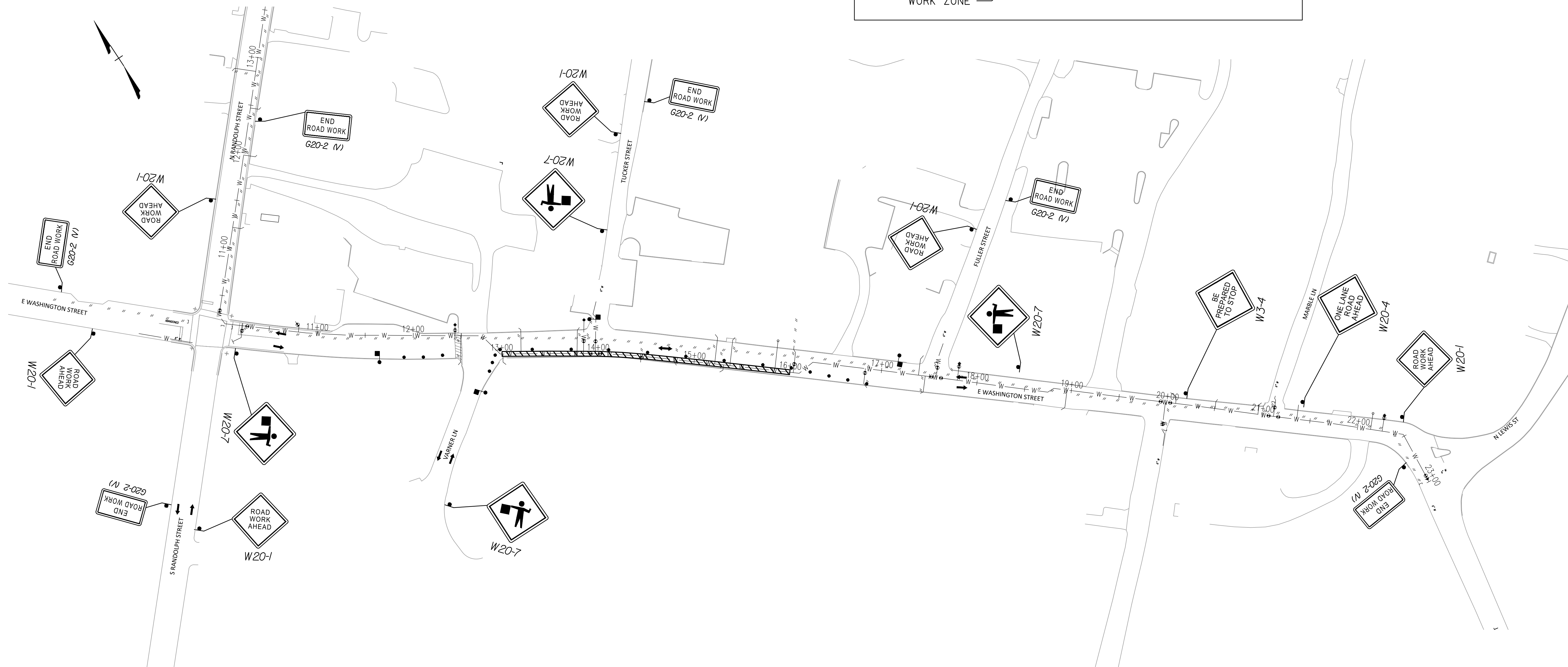
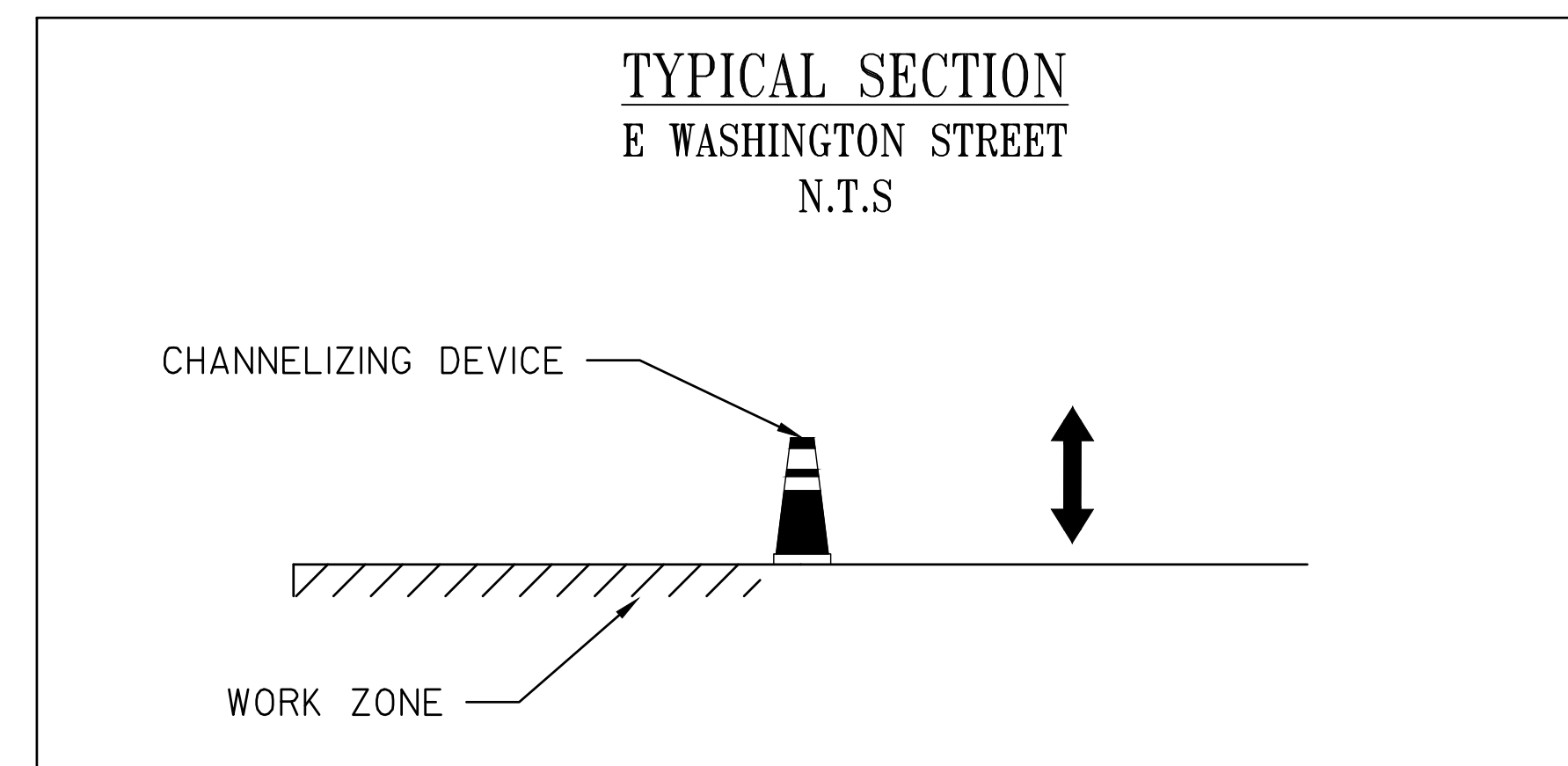
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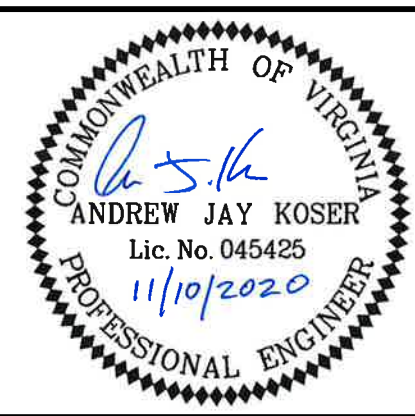
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-  DENOTES AREA UNDER CONSTRUCTION
-  DENOTES TRAFFIC PATTERN FOR STAGE
-  CHANNELIZING DEVICE
-  FLAGGING STATION



REV	DATE	DESCRIPTION



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
LEXINGTON, VIRGINIA 24450

DES: AJK	SCALE: 1"=50'
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CHECK: AJK	VERT: N/A
DATE: 11/10/20	

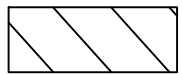



DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

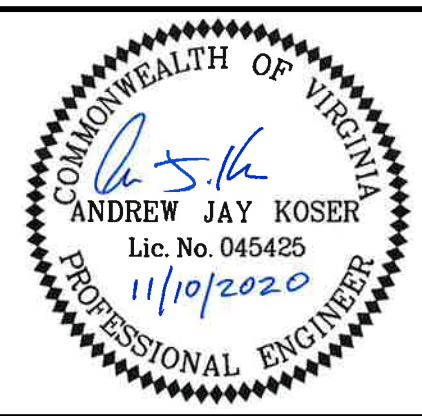
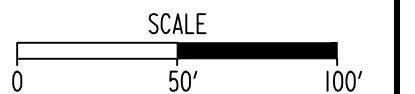
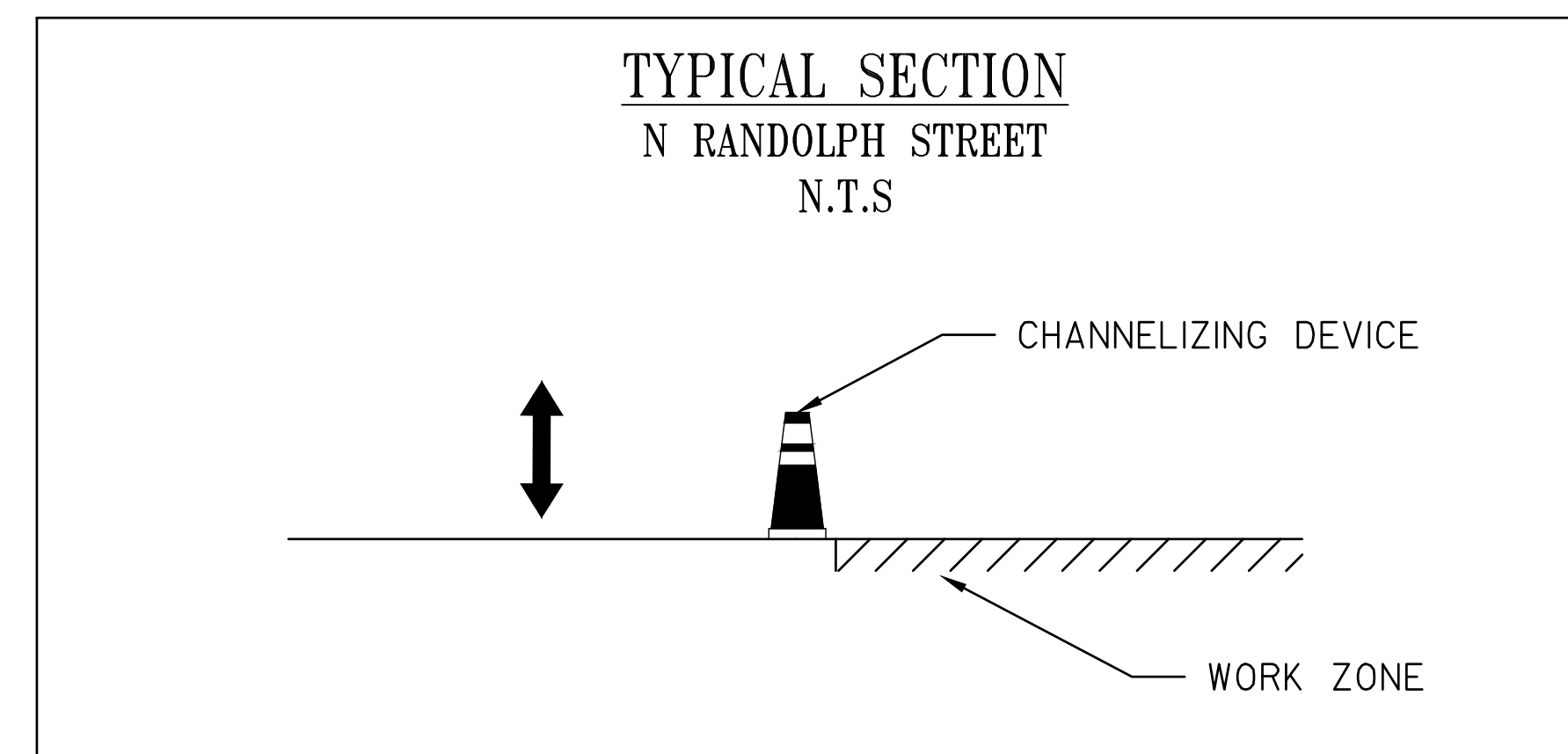
MAINTENANCE OF TRAFFIC PLAN
FIGURE 1

DRAWING
H12.02

SHEET
28

LEGEND:

-  DENOTES AREA UNDER CONSTRUCTION
-  DENOTES TRAFFIC PATTERN FOR STAGE
-  CHANNELIZING DEVICE
-  FLAGGING STATION



CITY OF LEXINGTON PUBLIC WORKS
890 SHOP ROAD
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DES: **AJK** SCALE: 1"=50'
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CHECK: **AJK** VERT: N/A
DATE: 11/10/20

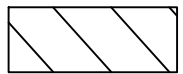


DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

MAINTENANCE OF TRAFFIC PLAN
FIGURE 2

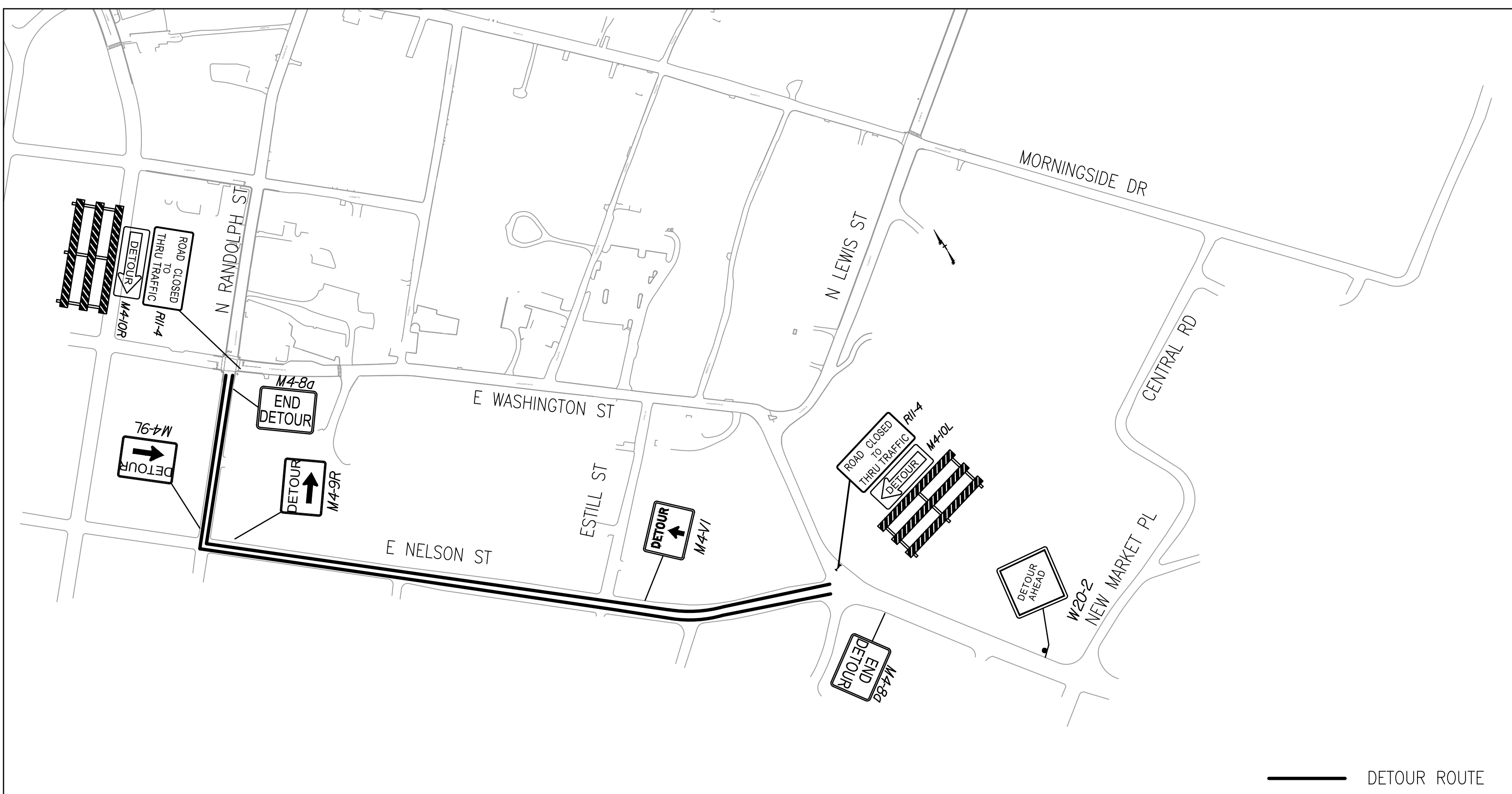
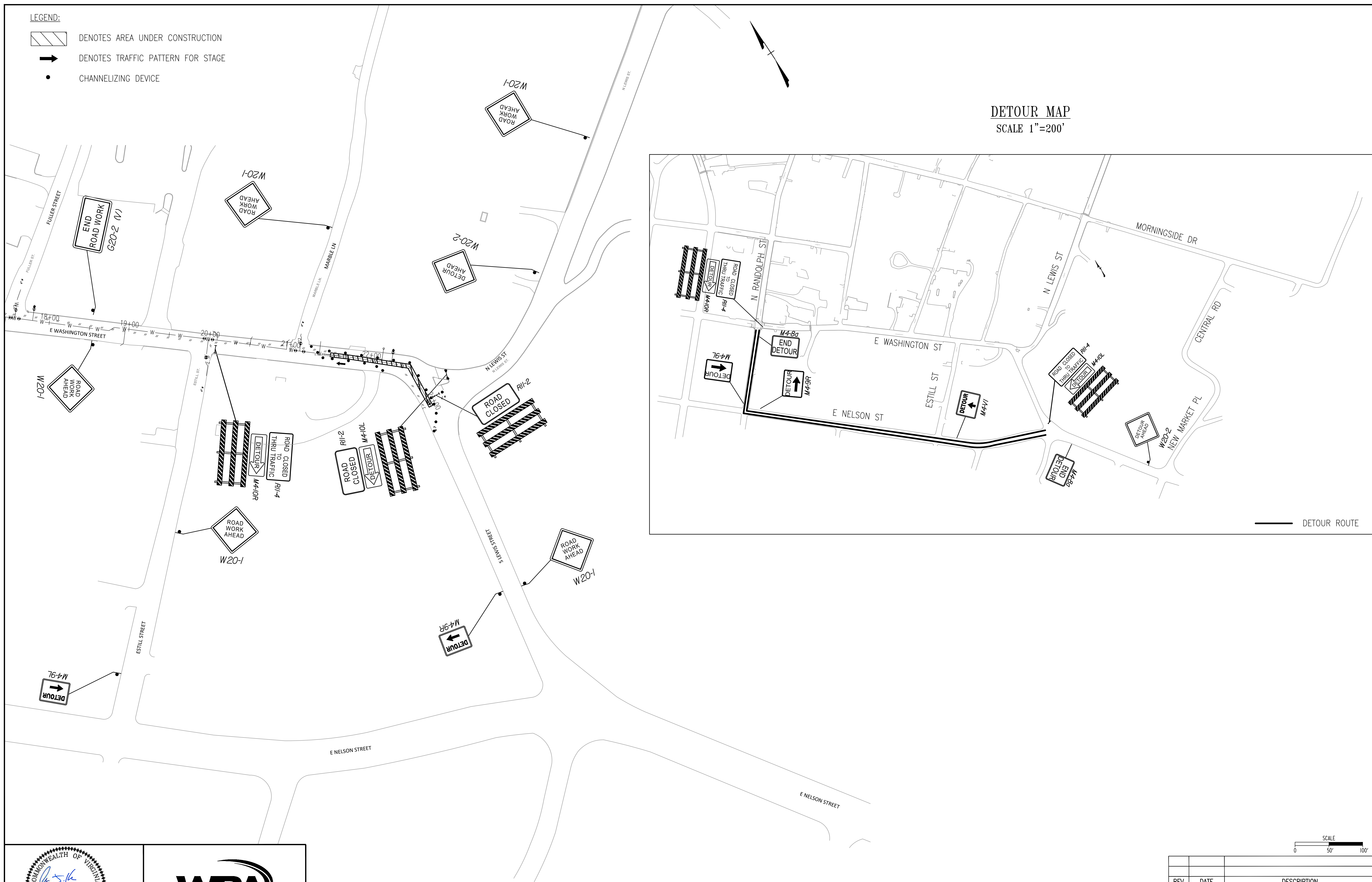
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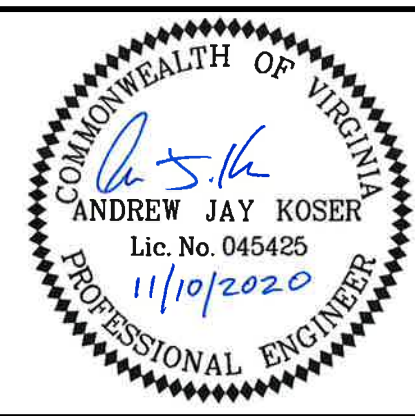
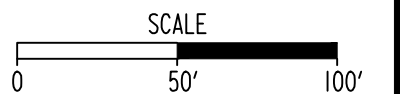
LEGEND:

-  DENOTES AREA UNDER CONSTRUCTION
-  DENOTES TRAFFIC PATTERN FOR STAGE
-  CHANNELIZING DEVICE

DETOUR MAP
SCALE 1"=200'



— DETOUR ROUTE



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CHECK: AJK	VERT: N/A
DATE: 11/10/20	

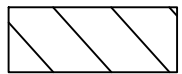



DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

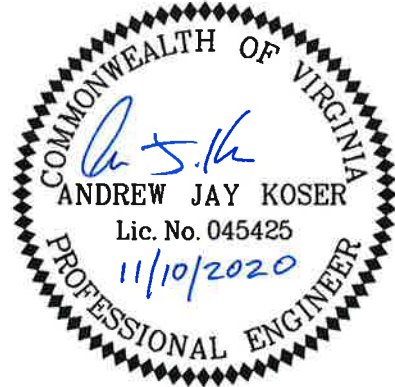
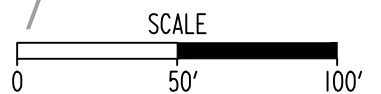
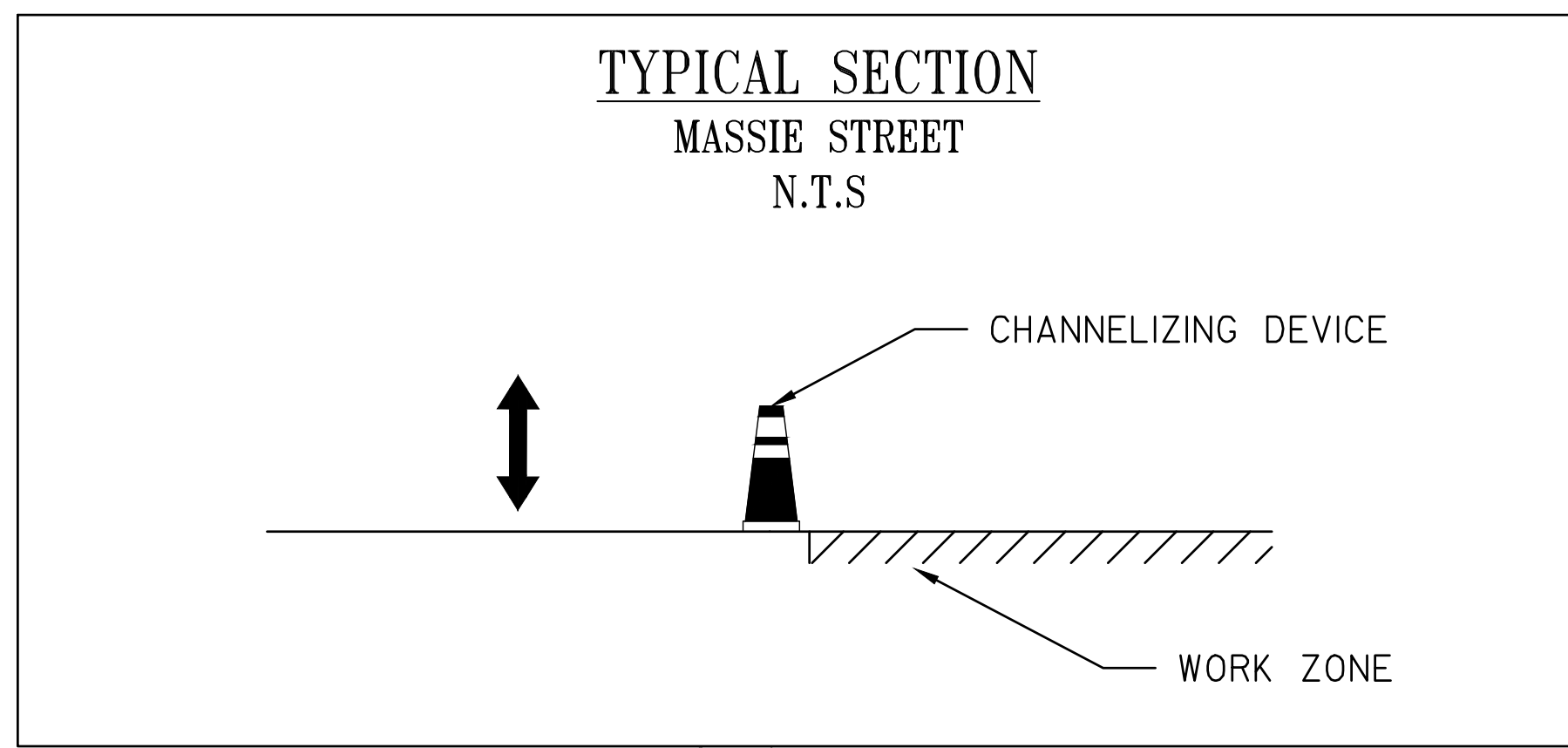
MAINTENANCE OF TRAFFIC PLAN
FIGURE 3

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LEGEND:

-  DENOTES AREA UNDER CONSTRUCTION
-  DENOTES TRAFFIC PATTERN FOR STAGE
-  CHANNELIZING DEVICE
-  FLAGGING STATION



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DES: **AJK** SCALE: 1"=50'
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CHECK: **AJK** VERT: N/A
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DIAMOND HILL AREA
WATER SYSTEM IMPROVEMENTS

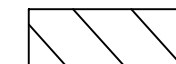


MAINTENANCE OF TRAFFIC PLAN
FIGURE 4

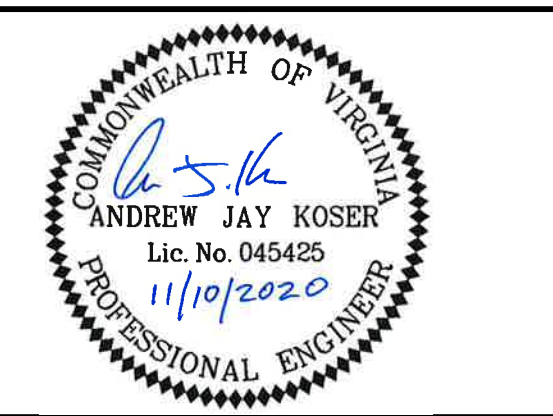
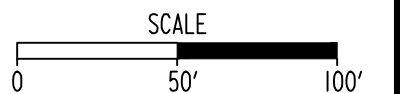
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LEGEND:

-  DENOTES AREA UNDER CONSTRUCTION
-  DENOTES TRAFFIC PATTERN FOR STAGE
-  CHANNELIZING DEVICE



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 DRAWN: **MSF**
 CHECK: **AJK**
 DATE: **11/10/20**

SCALE: **1"=50'**
 HORIZ: **N/A**
 VERT: **N/A**

DIAMOND HILL AREA
 WATER SYSTEM IMPROVEMENTS

MAINTENANCE OF TRAFFIC PLAN
 FIGURE 5

REV	DATE	DESCRIPTION	DRAWING	SHEET
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