

DRAWN BY:
 SAG
 PROJECT ISSUE DATE:
 May 2, 2012

No.	Date
1	5/2/2012 FULL SITE REVISION

ARCHITECT PROJECT NO.	ARCHITECT CAD NO.
21034	xxxxxx

- APPROVED DRAWING USE:**
- DESIGN DEVELOPMENT
 - PROGRESS
 - PERMIT ACQUISITION
 - FOR BIDDING
 - CONSTRUCTION DOCUMENT
 -

- GENERAL NOTES:**
- A. SURVEY PREPARED BY TERRADON CORPORATION, P.O. BOX 519 NITRO, W.V. 25144. PHONE: 304-755-8291 FAX: 304-755-2636 UNLESS NOTED OTHERWISE.
 - B. ALL DIMENSIONS ARE TO FACE OF CURB OR TO FINISHED FACE OF BUILDING UNLESS NOTED OTHERWISE.
 - C. CONTRACTOR TO TAKE ALL PRECAUTIONS NECESSARY TO DRAIN SUBBASE GRADES FROM PONDING WATER, SUCH AS TEMPORARY RELIEF SWALES AND TEMPORARY DRAIN OPENINGS IN CATCH BASINS.
 - D. RELOCATION/ABANDONMENT OF EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION AND DEMOLITION IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - E. CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED PERMITS AND ASSOCIATED FEES AS NECESSARY FOR COMPLETION OF THIS PROJECT PRIOR TO STARTING CONSTRUCTION.
 - F. DO NOT SEED BUILDING PAD WHEN SEEDING AND STABILIZING THE SITE. IF BUILDING CONSTRUCTION FAILS TO COMMENCE WITHIN 90 DAYS OF COMPLETION OF SITE WORK CONTRACT, OWNER WILL BE RESPONSIBLE FOR PROVIDING TEMPORARY STABILIZATION OF BUILDING PAD.
 - G. ABANDONMENT OF UNIDENTIFIED UNDERGROUND UTILITIES AT OR ABOVE SOIL SUB-GRADE, SUCH AS WATER, SANITARY, STORM, GAS, ETC. CONTRACTOR IS TO COORDINATE WITH THE OWNER OF THE ENCOUNTERED UTILITY TO TERMINATE THE LINE IF IT IS CONNECTED TO THE TRANSMISSION MAIN. IF THE LINE IS INACTIVE AND DISCONNECTED FROM THE TRANSMISSION MAIN LINE, THEN CONTRACTOR IS TO REMOVE THE LINE AT NO ADDITIONAL FEE.

EROSION AND SEDIMENT CONTROL NARRATIVE

- CONSTRUCTION SCHEDULE**
1. INSTALL PUBLIC NOTICE SIGN (WDEP REQUIREMENT) AT CONSTRUCTION ENTRANCE OF PROJECT.
 2. VERIFY WDEP NPDES PLAN APPROVAL (APPLIED FOR BY ENGINEER) AND OBTAIN OTHER APPLICABLE PERMITS.
 3. REVIEW THE WORK LIMITS AND MARK ANY PARTICULAR TREES AND BUFFER AREAS FOR PROTECTION.
 4. INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT.
 5. INSTALL DRAINAGE PROTECTION AT CONSTRUCTION ENTRANCE/EXIT.
 6. INSTALL SEDIMENT FENCES AND DIRECT DIVERSION BERMS TOWARDS SEDIMENT BASINS.
 7. CONSTRUCT TEMPORARY DEVICES AS SOON AS CONSTRUCTION WILL PERMIT.
 8. COMPLETE SITE CLEARING AS SHOWN ON THE PLANS.
 9. GRADING WILL NOT LAST MORE THAN 12 MONTHS.
 10. STRIP & STOCKPILE TOPSOIL, ROUGH GRADE SITE, CONSTRUCT CHANNELS, INSTALL CULVERTS AND OUTLET PROTECTION, AND INSTALL SEDIMENT FENCE AS NEEDED. MULCH ALL BARE AREAS SHOULD GRADING BE DISCONTINUED FOR MORE THAN ONE WEEK (7 DAYS).
 11. FINISH THE SLOPES AROUND BUILDING PAD AS SOON AS ROUGH GRADING IS COMPLETE. LEAVE THE SURFACE SLIGHTLY ROUGHENED AND VEGETATE AND MULCH IMMEDIATELY.
 12. COMPLETE FINAL GRADING FOR ROADS AND PARKING AND STABILIZE WITH GRAVEL.
 13. COMPLETE FINAL GRADING OF GROUNDS, TOPSOIL CRITICAL AREAS, AND PERMANENTLY VEGETATE, LANDSCAPE, AND MULCH.
 14. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSPECTED WEEKLY AND AFTER RAINFALL EVENTS. NEEDED REPAIRS WILL BE MADE IMMEDIATELY.
 15. AFTER SITE IS STABILIZED, REMOVE ALL TEMPORARY MEASURES AND INSTALL PERMANENT VEGETATION ON THE DISTURBED AREAS.
 16. THE ESTIMATED TIME BEFORE FINAL STABILIZATION IS 12 MONTHS.

- MAINTENANCE PLAN**
1. ALL SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND AFTER ANY STORM OR GREATER THAN 0.5 INCH OF PRECIPITATION DURING ANY 24 HOUR PERIOD. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
 2. SEDIMENT WILL BE REMOVED FROM THE INLET PROTECTION DEVICES WHEN STORAGE CAPACITY HAS BEEN APPROXIMATELY 50% FILLED.
 3. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FT. DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
 4. ALL SEEDED AREAS WILL BE FERTILIZED, RESEED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
 5. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

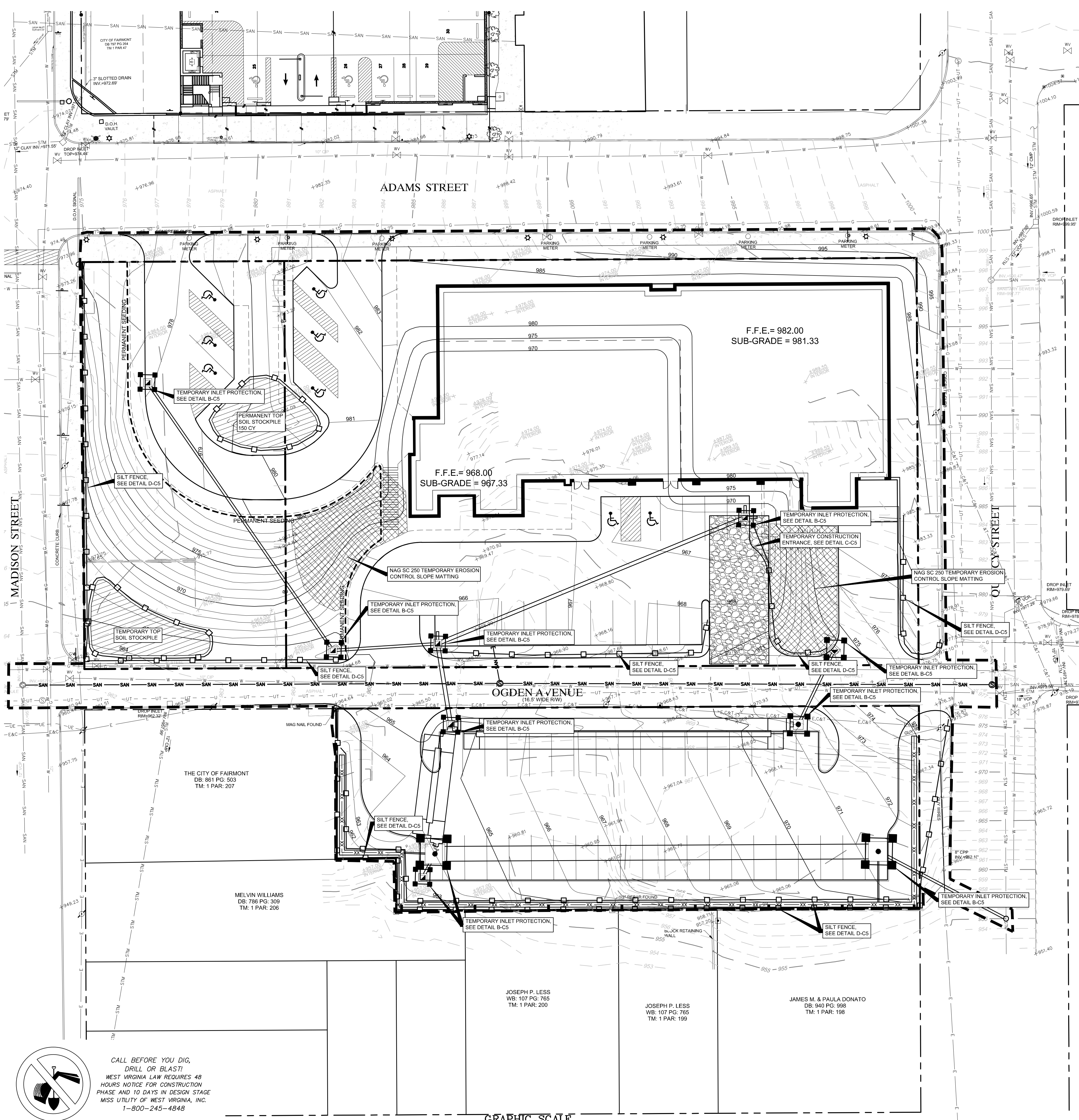
- SLOPE PROTECTION**
1. EROSION CONTROL & SLOPE MATTING TO BE LIGHTWEIGHT DEGRADABLE POLYPROPYLENE NETTING (1.64 LBS./1000 SF.) W/ 100% AGRICULTURAL WHEAT STRAW FIBER (5 LBS./SQ. YD.) USED ON SLOPES GREATER THAN 2:1 OR AS INDICATED ON PLAN.

- LAWN TURF**
1. REMOVE ROCKS AND DEBRIS THAT COULD INTERFERE WITH TILLAGE AND THE PRODUCTION OF A UNIFORM SEEDBED.
 2. LOOSEN THE SUBGRADE IMMEDIATELY PRIOR TO SPREADING TOPSOIL BY TILLING TO A DEPTH OF AT LEAST 2 INCHES.
 3. SPREAD TOPSOIL TO A MINIMUM DEPTH OF 6 INCHES AND CULTIPACK.
 4. DISC OR HARROW AND RAKE TO PRODUCE A UNIFORM AND WELL-PULVERIZED SURFACE.
 5. LOOSEN SURFACE JUST PRIOR TO APPLYING SEED.

- TEMPORARY VEGETATIVE COVER:**
- A. TEMPORARY VEGETATIVE COVER USED FOR EROSION CONTROL SHALL BE A SEED MIXTURE SUITABLE TO THE SEASON AND APPROVAL BY THE OWNER AND ALL AGENCIES CONCERNED WITH SOIL EROSION CONTROL. USE ANNUAL RYEGRASS MIXED WITH WHEAT FOR FALL AND SPRING, WHEAT FOR WINTER, AND GERMAN MILLET MIXED WITH ANNUAL RYEGRASS FOR SUMMER.
 - B. FERTILIZER: FERTILIZER SHALL BE 10-10-10 GRADE, UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR APPLICATION WITH APPROVED EQUIPMENT, DELIVERED TO THE SITE IN BAGS OR OTHER CONVENIENT CONTAINERS EACH FULLY LABELED, CONFORMING TO APPLICABLE STATE FERTILIZER LAWS, AND BEARING THE NAME AND WARRANTY OF THE PRODUCER. APPLY FERTILIZER AT A RATE OF 10 LBS./1000 SF., UNLESS SOIL TEST INDICATES OTHERWISE.

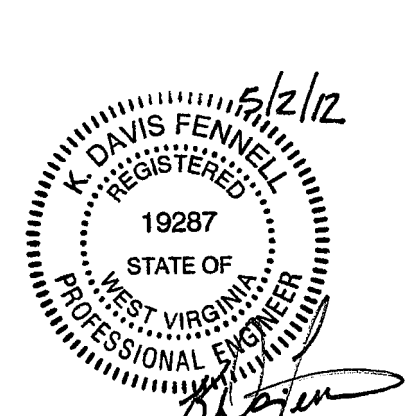
- 7. PERMANENT VEGETATIVE COVER:**
- A. LAWN SEEDING: ALL PERMANENT VEGETATIVE COVER SHALL BE A 75% DROUGHT TOLERANT TURF TYPE TALL FESCUE, 20% DROUGHT TOLERANT KENTUCKY TURF TYPE BLUEGRASS AND 5% ANNUAL RYEGRASS MIX OR APPROVED EQUAL. SEED AT A RATE OF 5-8 LBS. PER 1000 SF. USE THE ABOVE MIXTURE MIXED WITH ANNUAL RYEGRASS IF NECESSARY FOR COVERAGE DURING WINTER MONTHS. ALL SEED USED SHALL HAVE BEEN TESTED NOT MORE THAN 6 MONTHS PRIOR TO SEEDING. THE SPECIFICATIONS PROVIDED WITH EACH CONTAINER SHALL STATE THE PURITY, GERMINATION TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSIS OF NORTH AMERICA.
 - B. FERTILIZER: FERTILIZER SHALL BE 10-20-10 GRADE, UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR APPLICATION WITH APPROVED EQUIPMENT, DELIVERED TO THE SITE IN BAGS OR OTHER CONVENIENT CONTAINERS EACH FULLY LABELED, CONFORMING TO APPLICABLE STATE FERTILIZER LAWS, AND BEARING THE NAME AND WARRANTY OF THE PRODUCER. APPLY FERTILIZER AT A RATE OF 12 LBS./1000 SF., UNLESS SOIL TEST INDICATES OTHERWISE.
 - C. LIME: LIME SHALL BE GROUND LIMESTONE CONTAINING NOT LESS THAN 85% OF TOTAL CARBONATES AND SHALL BE GROUND TO SUCH FINENESS THAT AT LEAST 50% WILL PASS THROUGH A 100 MESH SIEVE AND AT LEAST 90% WILL PASS THROUGH A 20 MESH SIEVE. APPLY LIME AT A RATE OF 150 LBS./1000 SF. UNLESS SOIL TEST INDICATES OTHERWISE.
 - D. MULCH: MULCH SHALL BE DRY, UNCHOPPED, UNWEATHERED SMALL GRAIN STRAW OR HAY FREE OF COMPETING PLANTS. APPLY 2 TONS/ACRE ON ALL SEEDED AREAS. ALL SLOPES WITH STRAW MULCH EXCEEDING 3:1 SLOPES SHALL HAVE AN ASPHALT TACK APPLIED. IN AREAS OF HIGH PEDESTRIAN TRAFFIC, A RAPID SETTING TACK SHALL BE APPLIED. MULCHES OTHER THAN STRAW, SUCH AS BARK, BURLAP, JUTE MATTING, WOOD FIBER OR OTHERS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. THE CONTRACTOR MAY USE ALTERNATE MULCHES UPON APPROVAL OF THE ARCHITECT.

NOTE:
 DESIGNATE WASHOUT AREAS:
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGNATE WASHOUT AREAS TO ELIMINATE THE POTENTIAL FOR DISCHARGES ASSOCIATED WITH CONCRETE, PAINT, MIXERS, ETC. THE DESIGNATED WASHOUT AREA SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.



CALL BEFORE YOU DIG, DRILL OR BLAST!
 WEST VIRGINIA LAW REQUIRES 48 HOURS NOTICE FOR CONSTRUCTION PHASE AND 10 DAYS IN DESIGN STAGE. MISS UTILITY OF WEST VIRGINIA, INC. 1-800-245-4848

GRAPHIC SCALE
 1 INCH = 20 FEET



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 1 INCH = 20 FEET

JOSEPH P. LESS
 WB: 107 PG. 765
 TM: 1 PAR. 200

JOSEPH P. LESS
 WB: 107 PG. 765
 TM: 1 PAR. 199

JAMES M. & PAULA DONATO
 DB: 940 PG. 998
 TM: 1 PAR. 198