

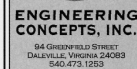
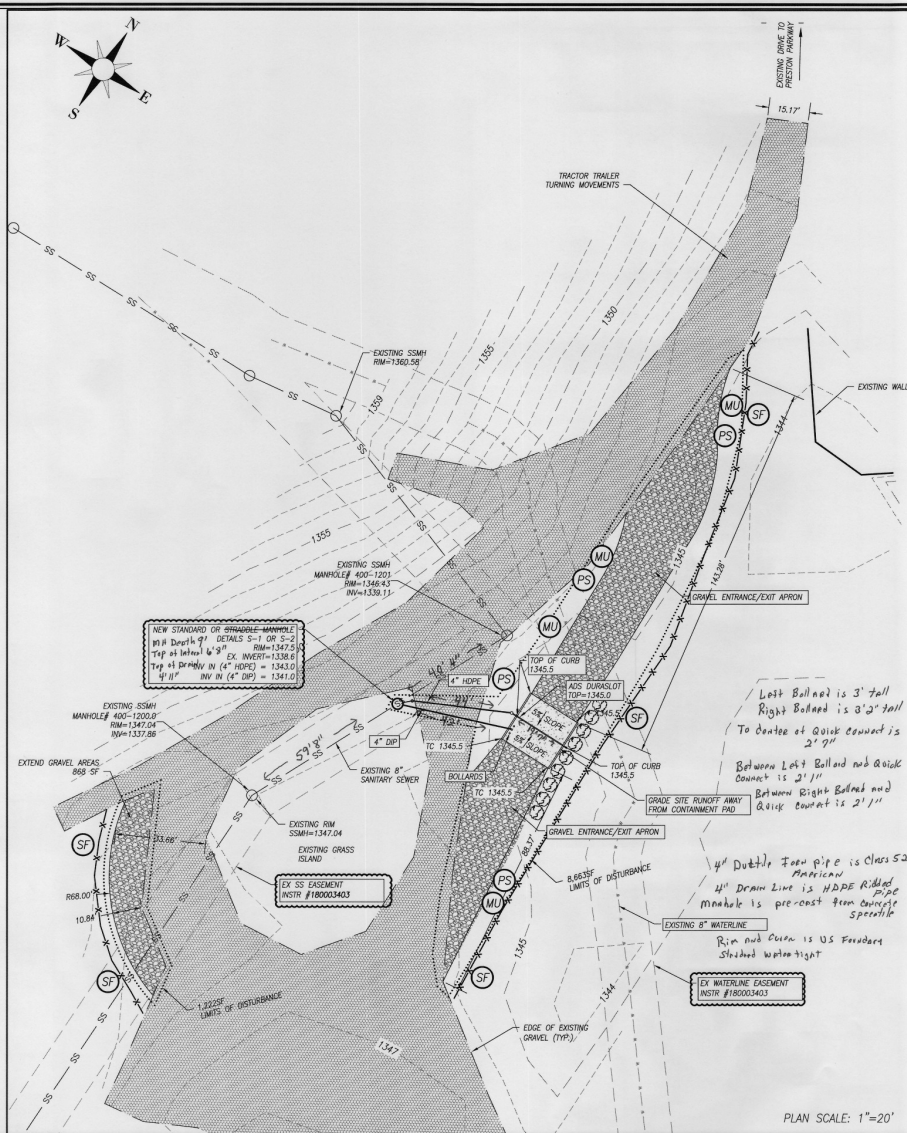
1. FILL SHALL BE PLACED ONLY ON FIRM SUBGRADES AND PROOF-ROLLED. SUBGRADES SHALL BE SCARIFIED TO A DEPTH OF 4 INCHES PRIOR TO FILL PLACEMENT TO ASSURE BONDING BETWEEN THE TWO SOILS. ALL FILL AREAS SHALL BE COMPACTED TO A DRY DENSITY OF AT LEAST 95% DRY DENSITY (ASTM D698), UNLESS NOTED OTHERWISE. THE COMPACTION SHALL BE ACCOMPLISHED BY PLACING FILL IN 6 TO 8 INCH LIFTS AND MECHANICALLY COMPACTING EACH LIFT TO THE REQUIRED DENSITY. FIELD DENSITY TESTS SHALL BE PERFORMED BY OWNER, IF ANY.

4. CLEAR SITE WITHIN LIMITS OF GRADING WORK; DO NOT DISTURB AREAS OUTSIDE OF GRADING LIMITS OR PROPERTY BOUNDARY.
5. REMOVE TREES, SHRUBS, GRASS AND OTHER VEGETATION, IMPROVEMENTS OR OBSTRUCTIONS WITHIN GRADING LIMITS. REMOVE ALL EXISTING CONCRETE, CURBS, STORM SEWERS, ETC. ALL REMOVED MATERIALS SHALL BE DISPOSED OF IN A MANNER AND LOCATION ACCEPTABLE TO THE GOVERNING AGENCY. REMOVE TREES AND OTHER VEGETATION, INCLUDING STAMPS AND ROOTS, COMPLETELY WITHIN GRADING LIMITS. REMOVE ALL EXISTING CONCRETE, CURBS, STORM SEWERS, ETC. TO REVEAL FILL MORE THAN THREE FEET IN DEPTH TO WITHIN EIGHT INCHES OF THE ORIGINAL SURFACE. EXPOSED ROOTS SHALL BE CUT OFF AT LEAST TWO FEET.
6. BARRESCAPE ABOUT EXCAVATIONS OCCURRING AS PART OF THIS WORK AND OTHER WARNING LINES AS RECOMMENDED BY AUTHORITIES HAVING JURISDICTION.
7. DISPOSITION FOR STRUCTURES:
- A. CONCRETE, ELEVATIONS AND EMBODISHMENTS SHOWN WITH A TOLERANCE OF PLUS OR MINUS 0.10 FOOT.
- B. PROVIDE TRIMMED, FINISHED ELEVATIONS TO UNIFORM LEVELS. BOTTOMS OF THE EXCAVATIONS SHALL BE TO BE GRADUALLY PLACED AND COVERED TO PROTECT EXISTING STRUCTURES. REMOVE ALL LOSSES MATERIALS FROM PLACEMENT AND COVER TO PLACEMENT OF CONCRETE.
- C. EXISTING WALLS SUPPORTING CONCRETE MASONRY UNITS MAY BE STEPPED PROVIDED THE VERTICAL STEP DOES NOT EXCEED ONE HALF OF THE HORIZONTAL DISTANCE BETWEEN STEPS. STEPPING SHALL BE LIMITED TO NOT MORE THAN TWO FEET.
- F. IF ROCK IS ENCOUNTERED IN A FOOTING EXCAVATION, UNCOVER IT (A MINIMUM OF 12" BELOW THE BOTTOM OF THE FOOTINGS AND FILL THE RESULTING OVER-EXCAVATION WITH PORTLAND CEMENT CONCRETE.
8. CUT SURFACE UNDER PAVEMENTS TO COMPLY WITH CROSS SECTIONS, ELEVATIONS, AND GRADES AS INDICATED.
9. EXCAVATE TRENCHES TO UNDER PAVEMENTS TO FOLLOW STANDARD PB-1 FOR PAVEMENT DRAINAGE AND 48-1 FOR SANITARY SEWER AND WATER. BACKFILL TRENCHES WITH CONTROLLED FILL.
10. PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATIONS AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA; DO NOT ALLOW EXISTING OR NEW DRAINAGE OR IRRIGATION DRAINAGE TO FLOW INTO EXCAVATIONS. PROVIDE FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES INDEMNITARY. TO STABILITY OF EXISTING FOUNDATIONS. PROVIDE DRAINAGE TO PREVENT FLOODING OF EXISTING DRAINAGE TO WATER TO COLLECTING OR RUNOFF AREAS. ESTABLISH AND MAINTAIN TEMPORARY DRAINAGE SYSTEMS AND DRAINAGE DITCHES TO PREVENT FLOODING OF EXISTING DRAINAGE. DO NOT TRENCH EXCAVATIONS AS TEMPORARY DITCHES.
11. PROTECT EXCAVATED BOTTOMS OF ALL FOOTINGS AND TRENCHES AGAINST FREEZING WHEN ATMOSPHERIC TEMPERATURE IS LESS THAN 35° F (1° C).
12. BACKFILLING:
- A. COMPACT BACKFILL AROUND THE OUTSIDE OF BUILDING TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D 698 STANDARD PROCTOR. DO NOT ALLOW EXISTING OR NEW DRAINAGE OR IRRIGATION DRAINAGE TO FLOW INTO EXCAVATIONS. PROVIDE FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES INDEMNITARY. TO STABILITY OF EXISTING FOUNDATIONS. PROVIDE DRAINAGE TO PREVENT FLOODING OF EXISTING DRAINAGE TO WATER TO COLLECTING OR RUNOFF AREAS. ESTABLISH AND MAINTAIN TEMPORARY DRAINAGE SYSTEMS AND DRAINAGE DITCHES TO PREVENT FLOODING OF EXISTING DRAINAGE. DO NOT TRENCH EXCAVATIONS AS TEMPORARY DITCHES.
- B. BACKFILL BEHIND WALLS AFTER PERMANENT CONSTRUCTION WHICH BRACCS THE WALL IS IN PLACE. PROVIDE DRAINAGE TO PREVENT FLOODING OF EXISTING DRAINAGE. DO NOT TRENCH EXCAVATIONS AS TEMPORARY DITCHES.
- C. ACCEPTANCE OF CONSTRUCTION BELOW FINISH GRADE INCLUDING BACK-PROOFING, REMOVAL OF CONCRETE FORMWORK, AND REMOVAL OF TRASH AND DEBRIS.
13. UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING INCLUDING ADJACENT TRANSITION AREAS. SHOW GRADING WITHIN LIMITS OF GRADING TO BE IN ACCORDANCE WITH UNIFORM LEVELS OF SLOPES BETWEEN AREAS WHERE ELEVATIONS ARE SHOWN, OR BETWEEN SUCH AREAS AND AREAS WHERE NO ELEVATIONS ARE SHOWN. PROVIDE SLOPES TO DRAIN AWAY FROM STRUCTURES TO PREVENT PONDING.
14. FINISH LAWN AREAS TO WITHIN ONE INCH ABOVE OR BELOW REQUIRED SUBGRADE ELEVATIONS. PROVIDE UNIFORM GRASS AND PLANTMENTS TO LAWN, GRADE, AND CURB SECTION, WITH NOT MORE THAN 1/2" ABOVE OR BELOW REQUIRED SUBGRADE ELEVATION.
15. GRADE SURFACE UNDER BUILDING SLABS SMOOTH AND EVEN, FREE OF VOIDS. PROVIDE FINAL GRADES WITHIN 1/2" OF THOSE INDICATED WHEN TESTED WITH A 10' STRAIGHT EDGE.
16. PROTECT GRADED AREAS FROM TRAFFIC AND EROSION, REPAIR AREAS WHICH HAVE SETTLED, ERODED, OR BECOME DAMAGED DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO OWNER.
17. UNDER FOUNDATIONS, SIDEWALKS, AND PAVEMENTS COMPACT EACH LAYER TO 95% MAXIMUM DRY DENSITY ASTM D 698 (STANDARD PROCTOR). FOR FURTHER SUPPORT COMPACT 2 FEET BELOW EACH LAYER TO 95% MAXIMUM DRY DENSITY.
18. UNDER LAWN OR UNPAVED AREAS, COMPACT SUBGRADE AND EACH LAYER TO 90% MAXIMUM DRY DENSITY ASTM D 698 (STANDARD PROCTOR).
19. ALL SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE CAPPED AND Piped TO THE NEAREST STORM SEWER SYSTEM OR NATURAL WATERCOURSE. THE PIPE SHALL BE A MINIMUM OF

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS.

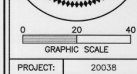
2. THE CONTRACTOR SHALL BEAR SOLE RESPONSIBILITY FOR THE CHARACTER AND ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES, STRUCTURES, OTHER FACILITIES, AND OBSTRUCTIONS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL, AT NO ADDITIONAL COST TO THE OWNER, CONTACT THE OWNERS/OPERATORS OF ALL UTILITIES 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 TO UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO ARRANGE FOR THE LOCATION OF UTILITIES BY THE OWNERS/OPERATORS OF THE UTILITIES. CONTACT MISS UTILITY BY DIALING 811.

1. SITE CONDITIONS: NECESSITATE SLOPE DRAINAGE IN ALIGNMENT, GRADE, AND/OR LOCATION OF NEW FACILITIES FROM THE PLANNED ALIGNMENT, GRADE, AND/OR LOCATION. THE CONTRACTOR SHALL CONSTRUCT THE NEW FACILITIES TO DISCHARGE WATER DIRECTLY BY THE EXISTING DRAINAGE OR ADDITIONAL CULVERT TO FINE TO THE OWNER. SHOULD PLAIN DRAINAGE BE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO CONSTRUCTION.
2. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION AND ALL APPLICABLE STATE AND FEDERAL, OSHA REGULATIONS.
3. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION AREA IN A SAFE AND ACCESSIBLE MANNER BY THE EXISTING DRIVEWAYS FOR REMEDIATING ANY DAMAGES RESULTING FROM HIS FAILURE TO DO SO.
4. THE CONTRACTOR SHALL MAINTAIN LIMITS OF CONSTRUCTION WITHIN THE PROPERTY BOUNDARIES OR EASEMENTS AS INDICATED.
5. AN APPROVED SET OF PLANS SHALL BE KEPT ON THE SITE AT ALL TIMES.
6. ALL CONSTRUCTION DEBRIS SHALL BE CONTAINED IN CONFORMANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION AND ALL APPLICABLE STATE AND FEDERAL, ACCEPTABLE TO THE GOVERNING JURISDICTION. AT LEAST ONE TRASH RECEPTACLE SHALL BE PROVIDED FOR EACH WORK AREA.
7. TEMPORARY TOILETS SHALL BE PROVIDED ONSITE AT A RATIO OF ONE TOILET PER 30 WORKERS DURING THE CONSTRUCTION PERIOD.
8. GRADE STAKES SHALL BE SET FOR TOP OF BANK, TOP OF SLOPE, WATER LINES, SANITARY SEWER AND SEWER SEWER.
9. THE CONTRACTOR SHALL MAINTAIN A CLEAR FLOW PATH TO AND THROUGH ALL EXISTING WATERWAYS AND STORM WATER DRAINAGE FACILITIES AT ALL TIMES.
10. THE CONTRACTOR SHALL GRADE, SLOPE, AND/OR SLOPE, AND MATCH THE ENTIRE AREAS TO BE CONSTRUCTED TO THE EXISTING ADJACENT AREAS TO PREVENT HANDMADE FEATURES.
11. CONSTRUCTION AND START-UP OF ALL WORK SHALL NOT INTERFERE WITH THE NORMAL OPERATIONS OF THE EXISTING FACILITY. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH THE OWNERS AS REQUIRED.
12. MINIMUM COVER ON ALL PIPE SHALL BE 3.0 FEET, UNLESS OTHERWISE SPECIFICALLY INDICATED ON THESE DRAWINGS. ALL PIPE SHALL BE INSTALLED WITH COATED JOINTS IN ORDER TO FACILITATE FUTURE LOCATION OF PIPE AFTER CONSTRUCTION IS COMPLETED.
13. WHERE IT IS NECESSARY TO DEFLECT PIPE EITHER HORIZONTALLY OR VERTICALLY, PIPE JOINT DEFLECTIONS OR BOWS BEYOND 75% SHALL EXCEED 75% OF THE MANUFACTURER'S RECOMMENDED DEFLECTION ANGLE OR BOW RATE.
14. ALL PIPING SHALL BE PROPERLY SUPPORTED, ALL PIPING WHICH WILL BE PRESSURIZED DURING OPERATION SHALL BE PROPERLY RESTRAINED.
15. ALL HOPE PIPE SHALL CONFORM TO THE CURRENT NPD SPECIFICATIONS AND BE IDEALLY IN CONFORMANCE WITH THE CURRENT NPD STANDARDS.
16. CONSTRUCTION TRAFFIC SHALL UTILIZE GRAVEL AREAS ONSITE FOR ACCESS TO THE



No.	Description	Date
1	COUNTY COMMENTS	02/02/21
2	COUNTY COMMENTS	03/29/21

**WVWA DUMP STATION
GREENFIELD PARK**



PROJECT:	20038
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