

CITY OF VIRGINIA BEACH SUBDIVISION AND SITE DEVELOPMENT GENERAL NOTES CRITERIA (REV. 8-30-2013)

DEVELOPMENT & COMPLIANCE CRITERIA

1. DEVELOPMENT IN THE CITY OF VIRGINIA BEACH SHALL CONFORM TO THE LATEST EDITION OF THE CITY OF VIRGINIA BEACH PUBLIC WORKS SPECIFICATIONS AND STANDARDS MANUAL, THE CITY OF VIRGINIA BEACH DEPARTMENT OF PUBLIC UTILITIES DESIGN STANDARDS MANUAL, THE CITY OF VIRGINIA BEACH DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAILS, THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS, THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, THE VIRGINIA STORMWATER MANAGEMENT HANDBOOK, THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS, THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS, THE AMERICAN STANDARD FOR NURSERY STOCK AND THE LANDSCAPING GUIDE CITY OF VIRGINIA BEACH, AND ALL OTHER APPLICABLE ORDINANCES AND REGULATIONS UNLESS OTHERWISE NOTED.
2. AN EROSION AND SEDIMENT CONTROL SURETY AND/OR STORMWATER MANAGEMENT SURETY WILL BE POSTED WITH THE DEVELOPMENT SERVICES CENTER (DSC) AND BEFORE THE ISSUANCE OF ANY PERMITS, FOLLOWING PLAN APPROVAL, IN THE APPROPRIATE AMOUNT, TO BE DETERMINED DURING PLAN REVIEW.
3. THE OWNER/DEVELOPER/CONTRACTOR WILL OBTAIN A RIGHT-OF-WAY PERMIT FROM THE DSC, CITY OF VIRGINIA BEACH, VIRGINIA, PRIOR TO CONSTRUCTION WITHIN ANY EXISTING PUBLIC RIGHT-OF-WAY OR PUBLIC EASEMENT. A COPY OF THE APPROVED TRAFFIC CONTROL PLAN MUST BE SUBMITTED WITH THE RIGHT-OF-WAY PERMIT APPLICATION.
4. THE OWNER/DEVELOPER/CONTRACTOR/RESPONSIBLE LAND DISTURBER (RLD) WILL CONTACT EACH APPROPRIATE INSPECTIONS BUREAU TO SCHEDULE AN ON-SITE PRE-CONSTRUCTION MEETING AND/OR INSPECTION ACTIVITY 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBANCE OR CONSTRUCTION ACTIVITY.
5. THE STORMWATER MANAGEMENT FACILITY (SWMF) SHALL NOT BE EXCAVATED BEYOND THE TYPICAL SECTION(S) AS SHOWN ON THE APPROVED PLAN UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE DSC. SITE MATERIALS EXCAVATED BEYOND THE TYPICAL SECTION(S) SHALL NOT BE USED OR SOLD OFF-SITE UNLESS THE OWNER/DEVELOPER/CONTRACTOR COMPLIES WITH THE CURRENT CITY ORDINANCES PERTAINING TO THE OPERATION OF BORROW PITS. EXCAVATION MATERIALS FROM THE SWMF THAT ARE PROPOSED AS BACKFILL MUST BE CERTIFIED FOR THAT PURPOSE, AND APPROVAL IS REQUIRED BY THE DSC'S ENGINEER PRIOR TO USE. BACKFILL MATERIALS MAY BE STOCKPILED AND WILL NOT INTERFERE WITH EXISTING DRAINAGE IN ACCORDANCE WITH THE PWSS SECTION 15.7.
6. HORIZONTAL DATUM: THIS (PLAN, PLAN, DRAWING, SURVEY, ETC.) IS BASED ON THE VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983/1993 (HARN). COORDINATE VALUES SHOWN ARE EXPRESSED IN U.S. SURVEY FEET.
7. VERTICAL CONTROL: THIS (SURVEY, DRAWING, ETC.) IS BASED ON NAVD, 1988.
8. THE CITY OF VIRGINIA BEACH SHALL ASSUME NO RESPONSIBILITIES OR LIABILITIES FOR THE DAMAGE OR INJURY THAT MAY BE INCURRED AS A RESULT OF ANY ENCROACHMENT INTO A PUBLIC EASEMENT OR RIGHT-OF-WAY. SINCE AN ENCROACHMENT IS CONSIDERED TO BE TEMPORARY IN NATURE, THE CURRENT OWNER(S) ARE REQUIRED TO REMOVE THE ENCROACHMENT AT THEIR EXPENSE WHEN DEMAILED NECESSARY BY THE CITY OF VIRGINIA BEACH, AS THE EASEMENT RUNS WITH THE LAND, THE OWNER(S) WILL GIVE NOTIFICATION TO THE HEIRS, ASSIGNS, SUCCESSORS IN TITLE OR LESSEE OF THE EXISTENCE OF ANY ENCROACHMENT AND THE RIGHTS OF THE CITY OF VIRGINIA BEACH.
9. THE OWNER/DEVELOPER/CONTRACTOR WILL BE RESPONSIBLE FOR DRIVEWAYS, WALKS, CURBS, PAVEMENT MARKINGS, ETC., THAT MUST BE CUT, REMOVED, OR DAMAGED DURING CONSTRUCTION.
10. THE INVOLVEMENT WITHIN THE BOUNDARY OF DEVELOPMENT, THE OWNER/DEVELOPER/CONTRACTOR/RLD MUST COMPLY WITH THE EXACT LIMITS OF CONSTRUCTION. PERMITS MAY BE REQUIRED FROM FEDERAL, STATE, AND LOCAL AGENCIES.

EROSION & SEDIMENT CONTROL (ESC) AND TREE PROTECTION NOTES

1. UNLESS OTHERWISE SPECIFIED, ALL VEGETATIVE AND SEDIMENT CONTROL AND TREE PROTECTION PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH) AND THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS (4VA5C0-30 ET SEQ), CHAPTER 30 AND APPENDIX E (TREE PLANTING, PRESERVATION AND REPLACEMENT) AND ANY OTHER APPLICABLE SECTIONS OF THE CODE OF THE CITY OF VIRGINIA BEACH AND THE PLANNING DEPARTMENT'S DESIGN STANDARDS MANUAL.
2. THE CONTRACTOR SHALL EXERCISE EVERY REASONABLE PRECAUTION, INCLUDING THE APPLICATION OF TEMPORARY AND/OR PERMANENT MEASURES DEEMED NECESSARY BEFORE, DURING, AND AFTER CONSTRUCTION TO CONTROL EROSION AND PREVENT OR MINIMIZE SEDIMENT RUNOFF AND PROTECT TREES AND VEGETATION. THE PLANNING DEPARTMENT/PERMITS AND INSPECTIONS DIVISION SHALL ENFORCE THESE REQUIREMENTS. THE RIGHT TO REQUIRE OTHER MEASURES NOT SPECIFICALLY DESCRIBED HEREIN TO CORRECT ANY EROSION, SILTATION OR TREE PROTECTION CONDITION.
3. NON-COMPLIANCE WITH ANY ESC REGULATION OR POLICY MAY RESULT IN A NOTICE TO COMPLY, STOP WORK ORDER (SWO) OR OTHER LEGAL ACTION.
4. A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN APPROVED BY PLANNING DEPARTMENT/DEVELOPMENT SERVICES CENTER (DSC) SHALL BE KEPT AT THE SITE AT ALL TIMES.
5. AFTER OBTAINING THE LAND DISTURBING PERMIT AND AT LEAST 48-HOURS PRIOR TO ANY LAND DISTURBING ACTIVITY, THE CONTRACTOR SHALL CONTACT PLANNING/CIVIL INSPECTIONS AT (757) 385-4558 TO SCHEDULE A PRE-CONSTRUCTION MEETING. FAILURE TO CONTACT PLANNING/CIVIL INSPECTIONS PRIOR TO ANY LAND DISTURBING ACTIVITY MAY RESULT IN A NOTICE TO COMPLY, STOP WORK ORDER OR OTHER LEGAL ACTION.
6. THE CONTRACTOR SHALL CONTACT THE LANDSCAPE MANAGEMENT DIVISION, DEPARTMENT OF PARKS AND RECREATION AT (757) 385-4481 AT LEAST THREE (3) DAYS PRIOR TO DAMAGING, TRIMMING, PRUNING OR REMOVING TREES OR OTHER VEGETATION IN THE CITY RIGHT OF WAY OR IN CITY OWNED PROPERTY AND AGAIN IMMEDIATELY AFTER COMPLETION OF THE WORK.
7. ALL EROSION AND SEDIMENT CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED WITH THE FIRST STAGE OF CONSTRUCTION AND WILL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE STABILIZED AND THEIR REMOVAL IS DIRECTED BY THE CIVIL INSPECTOR. ALL DISTURBED AREAS MUST BE PROTECTED FROM FURTHER EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED. THE MEASURES SHOWN ON THE PLAN ARE THE MINIMUM NECESSARY. THE ADDITION, DELETION OR MODIFICATION OF EROSION AND SEDIMENT CONTROL AND TREE PROTECTION MEASURES WILL BE AT THE DISCRETION OF THE CIVIL INSPECTOR. THE CIVIL INSPECTOR MAY DETERMINE WHEN A PLAN REVISION IS TO BE SUBMITTED TO THE DSC FOR REVIEW AND APPROVAL.
8. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF EROSION AND SEDIMENT CONTROL AND TREE PROTECTION MEASURES AT THE END OF CONSTRUCTION SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION. THE ORIGINAL SOIL GRADE WITHIN ANY PROTECTED TREE'S DRIP LINE SHALL BE PRESERVED AND MAINTAINED AND SHALL NOT BE DISTURBED BY REGRADE.
9. THE RESPONSIBLE LAND DISTURBER (RLD) SHALL INSPECT:
 - a. DURING OR IMMEDIATELY FOLLOWING INITIAL INSTALLATION OF EROSION AND SEDIMENT CONTROLS.
 - b. AT LEAST ONCE IN EVERY TWO-WEEK PERIOD.
 - c. WITHIN 48 HOURS FOLLOWING ANY RUNOFF PRODUCING STORM EVENT, AND
 - d. AT THE COMPLETION OF THE PROJECT.
10. IN ADDITION, THE RLD SHALL MAINTAIN WRITTEN MONITORING REPORTS ON-SITE AND PROVIDE TO THE CIVIL INSPECTOR UPON REQUEST.
11. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES DAMS, DIKES, DIVERSIONS, SIDE SLOPES OF SEDIMENT TRAPS AND BASINS IMMEDIATELY AFTER INSTALLATION.
12. BEFORE NEW OR EXISTING STORMWATER CONVEYANCE CHANNELS OR PIPES ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL.
13. SEDIMENT BASINS SHALL BE MAINTAINED AS SPECIFIED AND NOT CONVERTED TO PERMANENT STORMWATER MANAGEMENT FACILITIES DURING LAND DISTURBANCE. CONVERSION TO A PERMANENT STORMWATER MANAGEMENT FACILITY SHOULD ONLY OCCUR AFTER PERMANENT STABILIZATION OF DISTURBED AREAS DRAINING TO THE BASIN HAS OCCURRED.
14. ALL BORROW MATERIAL SHALL BE EXCAVATED FROM A LAWFULLY PERMITTED SITE AND ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AT A LAWFULLY PERMITTED SITE. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AN AREA OTHER THAN INDICATED ON THESE PLANS A SEPARATE EROSION AND SEDIMENT CONTROL PLAN APPROVAL AND PERMIT WILL BE REQUIRED FOR THESE OFF-SITE AREAS, IF NOT ALREADY APPROVED AND PERMITTED.
15. DOWNSPOUTS AND WELL POINT DISCHARGE SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE THAT PROVIDES APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES. THE MEASURES MUST BE APPROVED BY THE CIVIL INSPECTOR PRIOR TO THE COMMENCEMENT OF DISCHARGE OPERATIONS. FAILURE TO COMPLY MAY RESULT IN A NOTICE TO COMPLY, STOP WORK ORDER OR OTHER LEGAL ACTION.
16. THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN A TEMPORARY CONSTRUCTION ENTRANCE AT EACH POINT OF INGRESS/EGRESS PER VESCH STD & SPEC 3.02. SITES WITH SIGNIFICANT CONSTRUCTION TRAFFIC MAY BE REQUIRED TO INSTALL A LARGER WIDTH AND/OR LONGER LENGTH CONSTRUCTION ENTRANCE AS DEEMED NECESSARY BY THE DSC ENGINEER OR THE CIVIL INSPECTOR. A WASH RACK MAY BE DEEMED NECESSARY AND REQUIRED BY THE CIVIL INSPECTOR.
17. THE CONTRACTOR SHALL CONSTRUCT, INSTALL AND MAINTAIN SUFFICIENT EROSION AND SEDIMENT CONTROL DEVICES TO PREVENT SOIL FROM BEING ERODED AND PLACED ON STREETS, IN DRAINAGE SYSTEMS AND WATERCOURSES. DEVICES WILL BE CLEAR OF MUD, DEBRIS, AND ERODED MATERIAL DURING ALL STAGES OF CONSTRUCTION. DEVICES ARE SUBJECT TO INSPECTIONS AFTER A STORM EVENT AND AS REQUIRED BY THE CIVIL INSPECTOR.
18. ANY AND ALL MATERIAL OR DEBRIS TRACKED ONTO A PUBLIC OR PRIVATE ROAD SURFACE SHALL BE REMOVED THOROUGHLY AT THE END OF EACH DAY OR AS DIRECTED BY THE CIVIL INSPECTOR. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A LEGALLY PERMITTED DISPOSAL FACILITY.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOILS WHICH MAY PRESENT HEALTH HAZARDS, TRAFFIC SAFETY PROBLEMS, OR HARM ANIMAL OR PLANT LIFE. THE CONTRACTOR SHALL MONITOR AND TAKE PRECAUTIONS TO CONTROL DUST, BY INCLUDING BUT NOT LIMITED TO, THE USE OF WATER OR CHEMICAL DUST PALLIATIVE, BY LIMITING THE NUMBER OF VEHICLES ALLOWED ON-SITE, AND MINIMIZING THE OPERATING SPEED OF ALL VEHICLES.
20. SILT FENCE FABRIC SHALL BE CONSTRUCTED STANDARD 36" FILTER FABRIC, STAKED WITH 2" X 2" HARDWOOD STAKES PLACED A MAXIMUM OF 6-FOOT ON CENTER AND ENTRENCHED IN ACCORDANCE WITH THE VESCH STD & SPEC 3.05.
21. THE USE OF STRAW BALES IS PROHIBITED FOR EROSION AND SEDIMENT CONTROL IN VIRGINIA BEACH UNLESS OTHERWISE APPROVED BY THE CIVIL INSPECTOR.
22. DUE TO LOCAL EXPERIENCE, SOME COMMERCIALLY AVAILABLE MANUFACTURED ESC DEVICES HAVE BEEN DEEMED NOT APPROPRIATE OR APPROVED IN VIRGINIA BEACH. CHECK WITH THE CIVIL INSPECTOR FOR APPROVAL PRIOR TO INSTALLING MANUFACTURED DEVICES.
23. PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION, TREE PROTECTION SHALL BE PLACED AROUND TREES TO BE RETAINED. TREE PROTECTION SHALL BE IN ACCORDANCE WITH THE VESCH STD & SPEC 3.39 AND THE PLANNING DEPARTMENT LANDSCAPING GUIDE. TREE PROTECTION SHALL BE INSTALLED IN THE LOCATIONS SHOWN ON THE APPROVED PLAN.
24. NO ITEMS, INCLUDING BUT NOT LIMITED TO, BOARDS, WIRES, OR SIGNAGE, SHALL BE NAILED OR ATTACHED TO TREES TO BE RETAINED.
25. NO STOCKPILING, PLACEMENT OF MATERIALS OR EQUIPMENT, OR PARKING OF VEHICLES SHALL OCCUR WITHIN TREE PROTECTION AREAS.
26. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE CITY ARBORIST OF DAMAGE TO TREES LOCATED IN THE CITY RIGHT OF WAY AND PUBLIC EASEMENTS. DAMAGED TREE LIMBS SHALL BE CUT BACK TO THE NEXT LATERAL BRANCH OR PAREN BRANCH ITEM AT THE BRANCH COLLAR. CARE FOR SERIOUS INJURY SHOULD BE PRESCRIBED BY THE CITY ARBORIST.
27. TREES LOCATED IN CITY RIGHTS OF WAY AND PUBLIC EASEMENTS THAT ARE TO BE RETAINED, BUT ARE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED WITH SPECIES, SIZES AND QUANTITIES TO BE DETERMINED UPON TREE VALUE ASSESSMENT BY THE CITY ARBORIST. REPLACEMENT TREES SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK AND PLANNING DEPARTMENT'S LANDSCAPING GUIDE.
28. TREES ON PRIVATE PROPERTY THAT ARE TO BE RETAINED, BUT ARE DESTROYED DURING CONSTRUCTION SHALL BE REPLACED WITH SPECIES, SIZES AND QUANTITIES TO BE DETERMINED THROUGH A PLAN REVISION TO BE SUBMITTED TO, REVIEWED AND APPROVED BY THE PLANNING DEPARTMENT/DEVELOPMENT SERVICES CENTER. REPLACEMENT TREES SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK AND PLANNING DEPARTMENT'S LANDSCAPING GUIDE.

STORMWATER MANAGEMENT

1. AS-BUILT PLANS MUST BE PREPARED BY A PROFESSIONAL ENGINEER OR LAND SURVEYOR LICENSED IN THE COMMONWEALTH OF VIRGINIA AND MUST BE SUBMITTED TO AND APPROVED BY THE DSC FOR ALL SWMF, PRIOR TO THE RELEASE OF EROSION AND SEDIMENT CONTROL (EAS) AND SWMF SURETY BONDS POSTED WITH THE PERMIT.
2. A TEST PIT IN THE LOCATION OF THE INFILTRATION SWMF IS REQUIRED PRIOR TO THE CONSTRUCTION OF THE SWMF. CONTACT THE PLANNING CIVIL INSPECTOR FOR THE APPROPRIATE MEETING. EXFILTRATION TESTS ARE REQUIRED FOR ALL VOLUME CONTROL INFILTRATION SWMF'S IN ACCORDANCE WITH PWSS. EXCAVATION VOLUMES AND LIMITS OF EXCAVATION CAN ONLY BE DETERMINED DURING THE ACTUAL FIELD CONSTRUCTION AND MUST BE APPROVED BY THE PLANNING CIVIL INSPECTOR IN THE LOCATION OF THE SWMF PRIOR TO THE CONSTRUCTION.
3. THE OWNER/DEVELOPER/CONTRACTOR/RLD MUST CONTACT THE PLANNING CIVIL INSPECTOR AT (757-385-4558), PRIOR TO ANY CONSTRUCTION. A MINIMUM OF FIVE (5) INSPECTIONS ARE REQUIRED FOR INFILTRATION STRUCTURES. FAILURE TO CONTACT THE PLANNING CIVIL INSPECTOR, AS DIRECTED, COULD RESULT IN REMOVAL AND RECONSTRUCTION OF STRUCTURES. THE PLANNING CIVIL INSPECTOR MUST BE NOTIFIED 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
4. IF SOILS HAVE BEEN DETERMINED TO BE SUITABLE FOR INFILTRATION USE BASED ON SOIL INFORMATION/EVALUATION, THIS INFORMATION MUST BE CERTIFIED BY A PROFESSIONAL ENGINEER AND SUBMITTED TO THE DSC'S ENGINEER FOR APPROVAL PRIOR TO THE USE FOR THE PROJECT.
5. THE CITY OF VIRGINIA BEACH WILL NOT BE RESPONSIBLE FOR THE DESIGN, FUNCTIONING, MAINTENANCE, AND/OR REPAIR OF SWMF'S, EXCLUDING THOSE AREAS AND/OR IMPROVEMENTS LOCATED WITHIN DEDICATED CITY DRAINAGE EASEMENTS AND RIGHT-OF-WAY.
6. THE OWNERS WILL GIVE NOTIFICATIONS TO THEIR HEIRS, ASSIGNS, SUCCESSORS IN TITLE, OR LESSEE OF THE SWMF, UTILIZED WITH THIS DEVELOPMENT AND OF THE ABOVE STATED DISCLAIMER (NOTE 5) BY THE CITY OF VIRGINIA BEACH.
7. ALL ON-SITE SWMF'S WILL BE PROTECTED BY SILT FENCE OR OTHER APPROVED DEVICES AT THE DIRECTION OF THE CIVIL INSPECTOR DURING ALL STAGES OF CONSTRUCTION TO ENSURE OPTIMUM EFFICIENCY UPON COMPLETION AND TO MINIMIZE EROSION AND SEDIMENT FROM ENTERING INTO THE STRUCTURE DURING CONSTRUCTION.
8. PUBLIC OR PRIVATE UTILITY FACILITIES WILL NOT CONFLICT WITH THE STRUCTURAL PRISM OF THE PROPOSED SWMF'S AS SHOWN ON THE APPROVED PLANS. IF A CONFLICT OCCURS, THE OWNER/DEVELOPER/CONTRACTOR/RLD MUST IMMEDIATELY CONTACT PLANNING/CIVIL INSPECTIONS.
9. INFILTRATION TESTS FOR VOLUME CONTROL SWMF OR INFILTRATION SWMF'S WILL BE PERFORMED AT EACH TRENCH LOCATION, IN ACCORDANCE WITH PLANNING/CIVIL INSPECTIONS POLICY, PRIOR TO THE ACCEPTANCE BY THE PLANNING CIVIL INSPECTOR. TEST RESULTS MUST SHOW THAT THE EXFILTRATION TRENCH IS IN ACCORDANCE WITH THE CITY OF VIRGINIA BEACH PERFORMANCE CRITERIA AND APPROVED CERTIFIED SOIL REPORT FOR INFILTRATION SWMF'S.
10. ALL STONE SIZES FOR SWMF'S WILL BE IN ACCORDANCE WITH CHAPTER 8, STORMWATER MANAGEMENT OF THE PWSS.
11. ALL SWMF DRAINAGE STRUCTURES WILL BE PROTECTED WITH A MINIMUM OF FOUR FEET (4') OF SOIL AROUND THE STRUCTURE AND SILT FENCING WILL BE INSTALLED SURROUNDING THE SOO AS REQUIRED UNLESS OTHERWISE APPROVED BY THE DSC'S ENGINEER AND NOTED IN THE PLAN DETAILS.
12. ALL UNDERGROUND SWMF'S MUST BE MARKED WITH A 5" X 5" X 1/4" THICK, OR LARGER, STEEL PLATE AT EACH CORNER OR IT MUST BE MARKED WITH WHITE METALLIC MARKING TAPE THAT IS THREE INCHES (3") WIDE AND PLACED ON TOP OF THE SWMF, NOT TO EXTEND ONE FOOT (1') BELOW THE GROUND SURFACE. IN CERTAIN CASES, AT THE OPTION OF THE PLANNING CIVIL INSPECTOR, IT MAY BE APPROPRIATE TO USE BOTH.
13. ALL JOINTS AND CONNECTIONS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER, ASTM AND VDOT PROVISIONS, SPECIFICATIONS AND STANDARDS SO AS TO BE SOIL TIGHT AND LEAK RESISTANT.
14. ALL HDPE & PE PIPE SPECIFIED ON THE PLANS AND DELIVERED TO THE SITE SHALL BE TYPE S PIPE IN NO LENGTHS LESS THAN TEN (10) FEET LONG AND SHALL CONFORM TO AASHTO M252 AND AASHTO M294 AND ASTM F2306, FOR MATERIALS AND INSTALLATION WITH SOIL TIGHT CONNECTORS AND RUBBER GASKETS CONFORMING TO ASTM F477. PVC RIBBED PIPE SHALL ADHERE TO AASHTO M434 OR ASTM F949.
15. ALL THERMOPLASTIC, HDPE, PE AND NON-CONCRETE PIPE MUST HAVE MINIMUM 2-FEET OF COVER DURING ALL PHASES OF CONSTRUCTION.
16. FLEXIBLE CONNECTORS MUST BE INSTALLED WHEN CONNECTING HDPE PIPE TO CONCRETE OR BRICK STRUCTURES.

UTILITIES

1. PRIOR TO CONSTRUCTION OR EXCAVATION, THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES (PUBLIC OR PRIVATE) THAT MAY EXIST AND CROSS THROUGH THE AREA OF CONSTRUCTION. MISS UTILITY OF VIRGINIA MUST BE CONTACTED AT A MINIMUM OF 72 HOURS PRIOR TO EXCAVATING AT 811 OR (1-800-552-7001). THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY EXISTING UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION, AT HIS OWN EXPENSE.
2. THE RELOCATION OF ANY UTILITIES (PUBLIC OR PRIVATE) LOCATED WITHIN THE CITY'S RIGHT-OF-WAY, WILL BE AT THE DEVELOPER'S EXPENSE, AND COMPLETED PRIOR TO THE PLACEMENT OF ANY PROPOSED ROADWAY BASE MATERIAL OR PAVEMENT IN CONJUNCTION WITH THE CITY WORK AND UNDER THE SUPERVISION OF THE CITY ENGINEER.
3. WATER METERS AND SEWER CLEANOUTS MUST BE PLACED AT THE RIGHT-OF-WAY OR AT THE PUBLIC UTILITY EASEMENT LINE, (WITHIN THE RIGHT-OF-WAY/EASEMENT), OUTSIDE OF ENTRANCES AND SIDEWALKS.
4. DEFLECTING, OFFSETTING, OR RELOCATING EXISTING UTILITY MAINS WILL NOT BE ALLOWED EXCEPT UNDER EXTREME CIRCUMSTANCES, SUCH AS EMBANKMENTS ARE SUBMITTED TO THE DSC'S PUBLIC UTILITIES ENGINEER FOR APPROVAL.
5. TYPE 'K' SOFT DRAWN COPPER WILL BE USED FOR OFF-SITE WATER SERVICE LINES, TWO-INCH (2") LINES AND UNDER, IN RIGHT-OF-WAY AND PUBLIC UTILITY EASEMENTS.
6. THE OWNER/DEVELOPER/CONTRACTOR MUST CONTACT PUBLIC UTILITY INSPECTIONS AT (757-385-4175) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION (PUBLIC OR PRIVATE) LOCATED WITHIN THE CITY'S RIGHT-OF-WAY OR EASEMENT.

INCIDENTAL DRAINAGE

1. TEMPORARY DRAINAGE DURING CONSTRUCTION WILL BE PROVIDED BY THE OWNER/DEVELOPER/CONTRACTOR TO RELIEVE ANY STORM WATER THAT MAY CAUSE DAMAGE TO ROADWAYS AND/OR ADJACENT PROPERTIES AS DIRECTED BY PLANNING/CIVIL INSPECTIONS.
2. THE PLANNING/CIVIL INSPECTOR WILL PERFORM AN ON-SITE INSPECTION OF STORM SEWER PIPE INSTALLATION PRIOR TO ANY BACKFILLING OF THE INSTALLED PIPE.
3. IF PRECAST CONCRETE STRUCTURES ARE USED, SHOP DRAWINGS WILL BE SUBMITTED TO THE DSC'S ENGINEER BY THE OWNER/DEVELOPER/CONTRACTOR'S DESIGN CONSULTANT, ALONG WITH THE PROPER CERTIFICATIONS, UNLESS PREVIOUSLY APPROVED BY THE CITY ENGINEER'S OFFICE.
4. ALL PROPOSED PUBLIC STORM DRAINAGE STRUCTURES SHALL UTILIZE INLET SHAPING WITH RAVED INVERTS UNLESS OTHERWISE NOTED, ON THE PLANS FOR EACH STRUCTURE.
5. MINIMUM FINAL HEIGHT OF COVER, FOR ALL STORM SEWER PIPES, SHALL BE TWO FEET (2') ABOVE FINISHED GRADE. FOR RECOMMENDATION, SEE THE PWSS, SECTION 2.17.7 FOR FURTHER REQUIREMENTS.
6. ALL CONCRETE STORM SEWER PIPES IN THE CITY RIGHT-OF-WAY AND EASEMENTS WILL BE TESTED AND PROTECTED SUBJECT TO TRAFFIC LOADING WILL BE REINFORCED CONCRETE PIPE AND CONFORM TO THE SPECIFICATIONS FOR CONCRETE STORM SEWER PIPE. ASHTO DESIGNATION W-170, WITH THE MODIFICATION THAT ALL PIPES SHALL BE MANUFACTURED WITH ALL JOINTS. ALL PIPE JOINTS WILL BE SEALED IN ACCORDANCE WITH SECTION 302.03 OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS.
7. ALL STORM SEWER PIPE JOINTS WILL BE INSTALLED, SILT FREE, OR WITH COMPLETELY WRAPPED WITH THREE FEET (2') WIDE APPROVED FIBER JOINT SEALANT, SECURED IN PLACE PRIOR TO BACKFILLING.
8. ALL PIPE CULVERTS (WATER, SEWER, AND STORM SEWER) LOCATED WITHIN THE CITY RIGHT-OF-WAY EXCAVATION AREAS THAT ARE SUBJECT TO TRAFFIC LOADS WILL BE BACKFILLED WITH SELECT OR GRADER MATERIALS LAYERED IN SIX-INCH (6") LAYERS AND COMPACTED TO 95 PERCENT THEORETICAL, ASHTO DENSITY IN ACCORDANCE WITH SECTION 302.03 OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS.
9. ALL METAL PIPE CULVERTS AND STORM SEWERS WILL BE INSTALLED IN ACCORDANCE WITH DRAWINGS PE-1 OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS.
10. IF METAL PIPE IS USED, THE OWNER/DEVELOPER/CONTRACTOR WILL FURNISH CERTIFICATIONS OF THE BACKFILL MATERIAL IF THE BACKFILL MATERIAL HAS NOT BEEN PREVIOUSLY TESTED.
11. ALL NON-CONCRETE STORM SEWER PIPES PLACED IN THE CITY RIGHT-OF-WAY OR IN CITY DRAINAGE EASEMENTS WILL INCORPORATE THE USE AND INSTALLATION OF LOCATOR PIPE/WIRE TO AID IN FUTURE DETECTION.

INCIDENTAL CONCRETE

1. ALL CONCRETE WILL BE CLASS A-3" AIR ENTRAINMENT (3,000 PSI) IN ACCORDANCE WITH SECTION 217 OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS UNLESS OTHERWISE SPECIFIED.
2. BOTH CURB AND GUTTER WILL BE CONSTRUCTED IN SECTIONS OF UNIFORM LENGTHS, APPROXIMATELY TEN FEET (10') WITH NO SECTIONS WILL BE LESS THAN SIX FEET (6'). EXPANSION JOINTS WILL BE FORMED AT INTERVALS OF 100 FEET USING 1/2-INCH PREMOIDED BITUMINOUS FIBER JOINT FILLER. CONSTRUCTION JOINTS ARE REQUIRED AS FOLLOWS:
 - a. CURB & GUTTER AND
 - b. TWENTY FEET (20') WIDE SIDEWALK
 - c. TWENTY FEET (20') WIDE BI-WAY USE PATH 50'
3. ALL ENTRANCES WILL BE MADE OF A MINIMUM 7" SEVEN INCHES (7") THICK CONCRETE FROM THE EDGE OF PAVEMENT TO THE RIGHT-OF-WAY LINE. THE CONTRACTOR SHALL PROVIDE EXPANSION MATERIAL WHERE NEW CONCRETE MEETS EXISTING CONCRETE.
4. ALL CONCRETE WORK PERFORMED IN THE RIGHT-OF-WAY WILL BE INSPECTED BY THE PLANNING CIVIL INSPECTOR.

PAVEMENT AND OPEN CUTS

1. NO OPEN CUTS OF A PUBLIC ROADWAY WILL BE ALLOWED EXCEPT UNDER EXTREME CIRCUMSTANCES. OPEN CUTTING OF PUBLIC ROADWAYS WILL BE PERMITTED WITH PRIOR WRITTEN PERMISSION BY THE DSC'S ENGINEER.
2. MINIMUM ON-SITE (PRIVATE PROPERTY) PAVEMENT REPLACEMENT AND DESIGN WILL BE 2-INCHES, SM-9.5A BITUMINOUS CONCRETE SURFACE, OVER A SIX-INCH (6") TYPE 1 OR II AGGREGATE BASE.
3. PAVEMENT REPLACEMENT AND DESIGN IN CITY RIGHT-OF-WAYS WILL BE IN ACCORDANCE WITH SECTION 5.13 PAVEMENT REPLACEMENT AND PATCHING OF THE PWSS.
4. THE MINIMUM PAVEMENT DESIGN WITH THE RIGHT OF WAY OR EASEMENT WILL BE 1 1/2-INCHES SM-9.5A BITUMINOUS CONCRETE SURFACE ASPHALT CONCRETE, OVER 3-INCHES BW-25.0A BASE MIX ASPHALT CONCRETE, OVER A 8-INCHES TYPE 1 NO. 21A AGGREGATE BASE MATERIAL OVER COMPACTED SUBGRADE IN ACCORDANCE WITH SECTION 5.13 OF THE PUBLIC WORKS SPECIFICATIONS AND STANDARDS.
5. MATERIALS THAT ARE DETERMINED UNSUITABLE FOR FOUNDATIONS, SUBGRADES, OR OTHER ROADWAY PURPOSES WITHIN THE LIMITS OF CONSTRUCTION, WILL BE EXCAVATED BY THE CONTRACTOR, AT HIS OWN EXPENSE, BELOW THE GRADE SHOWN ON THE PLANS. EXCAVATED AREAS WILL BE BACKFILLED WITH APPROVED SUITABLE MATERIALS. EXCAVATED MATERIALS SUITABLE FOR BACKFILL WILL BE STOCKPILED SO AS NOT TO INTERFERE WITH DRAINAGE. UNSUITABLE MATERIAL WILL BE REMOVED FROM THE SITE AND SHALL BE DISPOSED OF IN A LAWFUL MANNER.
6. THE REPLACEMENT OF PAVEMENT WILL BE IN ACCORDANCE WITH STANDARD PAVEMENT PATCHING DETAIL STANDARDS DRAWINGS C-3A, FLEXIBLE PAVEMENT PATCH FOR LOCAL & COLLECTOR STREETS; OR C-3B, FLEXIBLE PAVEMENT PATCH FOR MAJOR & MINOR ARTERIALS; OR C-4, RIGID PAVEMENT PATCHING AND SECTION 5.13 OF THE PWSS.
7. CERTIFICATION OF MATERIALS AND THE TEST RESULTS (E.G., CBR AND PROCTOR, ETC.) FROM EACH SOURCE OF SUPPLY FOR SELECT BORROW AND SELECT MATERIAL WILL BE SUBMITTED TO PLANNING/CIVIL INSPECTIONS BY THE CONTRACTOR PRIOR TO INSTALLATION.

8. CERTIFICATION OF MATERIALS AND TEST RESULTS ON THE FOLLOWING ITEMS WILL BE SUBMITTED TO PLANNING/CIVIL INSPECTIONS BY THE CONTRACTOR BEFORE ANY ROAD CONSTRUCTION IS PERFORMED:
 - a. THE PROCTOR TEST ON THE NATIVE SUBGRADE MATERIALS.
 - b. THE OPTIMUM MOISTURE CONTENT OF THE AGGREGATE.
 - c. THE THEORETICAL MAXIMUM DENSITY OF THE AGGREGATE.
9. ALL CITY INFRASTRUCTURE TO BE REMOVED, I.E. BRICK PAVERS, LIGHT POLES, PLANTERS, ETC., MUST BE DELIVERED TO THE CITY, OR ARRANGEMENTS MUST BE MADE FOR PICK-UP BY THE PROPER DEPARTMENT.
10. CONSTRUCTION IS PROHIBITED IN THE RIGHT OF WAY OF MAJOR AND PACIFIC AVENUES AND CONNECTING NUMBERED STREETS BETWEEN ATLANTIC AND PACIFIC AVENUES FROM RUDEE INLET TO 44TH STREET BETWEEN MAY 1 AND OCTOBER 1.

TRAFFIC ATTENDANCE, CONTROL & LIGHTING

1. TYPE III BARRICADES WITH PUBLIC NOTICE OF STREET EXTENSION SIGNS ARE REQUIRED AT THE TERMINATION OF STREETS, AS DIRECTED BY PUBLIC WORKS/TRAFFIC ENGINEERING.
2. WHERE PARKING AREAS WILL BE ILLUMINATED, ALL SOURCES OF ILLUMINATION MUST BE SHIELDED TO PREVENT ANY DIRECT REFLECTION TOWARDS RESIDENTIAL AREAS AND CITY STREETS.
3. ALL STRIPING IN THE PUBLIC RIGHT-OF-WAY MUST BE OF THERMOPLASTIC MATERIAL FOR LANE LINES, STOP BARS, CROSSWALKS, ETC. ALL LEGENDS AND ARROWS MUST BE OF VDOT APPROVED TYPE B, CLASS V PREFORMED PAVEMENT MESSAGE MARKING MATERIAL.
4. THE CITY OF VIRGINIA BEACH, TRAFFIC ENGINEERING BUREAU IS RESPONSIBLE FOR REVIEWING AND APPROVING ALL TRAFFIC MAINTENANCE AND CONTROL PLANS AND REVIEWING THE SEQUENCE OF CONSTRUCTION PLANS ESSENTIAL TO COMPLETE THIS PROJECT.
5. ALL TRAFFIC MAINTENANCE AND CONTROL DEVICES, METHODS AND APPLICATIONS WILL CONFORM TO THE FOLLOWING PUBLICATIONS INCLUDING ALL CURRENT EDITIONS AND REVISIONS:
 - a. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS ISSUED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, (MUTCD)
 - b. VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS VOL. II.
 - c. VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS.
 - d. VIRGINIA DEPARTMENT OF TRANSPORTATION WORK AREA PROTECTION MANUAL.
 - e. CITY OF VIRGINIA BEACH, PUBLIC WORKS SPECIFICATIONS AND STANDARDS MANUAL.
6. WORK HOURS IN ROADWAY OPEN TO TRAFFIC AND/OR PEDESTRIAN AREA:
 - a. MONDAY THROUGH SATURDAY: WORK WILL BE COMPLETED BETWEEN THE HOURS OF 9:00 A.M. AND 4:00 P.M. ONLY.
 - b. SUNDAYS AND HOLIDAYS: NO WORK MAY BE COMPLETED IN THE ROADWAY OR PEDESTRIAN AREAS UNLESS OTHERWISE NOTED OR APPROVED IN WRITING BY THE OWNER.
 - c. ADDITIONAL RESTRICTIONS MAY APPLY BASED ON TRAFFIC CONDITIONS.
7. EXTENDED WORK HOURS AND WORKDAYS MAY BE REQUESTED WITH A WRITTEN REQUEST TO THE OWNER. REQUESTS MUST BE SUBMITTED AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE EXTENDED WORK PERIOD. PLEASE NOTE THAT WORK MUST BE CONDUCTED IN THE RESORT AREA, CERTAIN RESTRICTIONS APPLY FROM APRIL TO OCTOBER. PLEASE CONTACT TRAFFIC ENGINEERING FOR THESE RESTRICTIONS.
8. TRAFFIC CONTROL PLANS:
 - a. TRAFFIC CONTROL PLANS ARE INCLUDED IN THE CONSTRUCTION PLANS OR THE REFERENCED PROJECT; HOWEVER, FIELD CONDITIONS MAY REQUIRE MODIFICATIONS. IF THE CONTRACTOR FEELS THAT THE TRAFFIC CONTROL PLANS DO NOT ACCOMMODATE ALL TRAFFIC CONDITIONS AT A WORK SITE, THEN THE CONTRACTOR SHALL SUBMIT TO THE OWNER A REVISED PLAN TO MAINTAIN OR IMPROVE TRAFFIC. THE REVISED PLAN SHALL INCLUDE SITE-SPECIFIC TRAFFIC DETAILS AND SHALL IDENTIFY THE SEQUENCE OF CONSTRUCTION. THE CONTRACTOR WILL SUBMIT THE REVISED TRAFFIC CONTROL PLANS TO THE OWNER AND TO THE CITY ENGINEER PRIOR TO THE START OF WORK. THE CONTRACTOR WILL NOT BE RESPONSIBLE FOR THE SEQUENCE OF CONSTRUCTION UNLESS THE CONTRACTOR HAS BEEN ADVISED BY THE OWNER TO MODIFY ANY TRAFFIC CONTROL PLAN(S) AS NECESSARY IN THE INTEREST OF PUBLIC SAFETY OR TRAFFIC EFFICIENCY. PRIOR TO BEGINNING WORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL REQUIREMENTS HAVE BEEN MET AND THAT ALL TRAFFIC CONTROL DEVICES HAVE BEEN INSTALLED ACCORDING TO THE APPROVED TRAFFIC CONTROL PLANS.
 - b. MONDAY THROUGH SATURDAY: WORK WILL BE COMPLETED BETWEEN THE HOURS OF 9:00 A.M. AND 4:00 P.M. ONLY.
 - c. SUNDAYS AND HOLIDAYS: NO WORK MAY BE COMPLETED IN THE ROADWAY OR PEDESTRIAN AREAS UNLESS OTHERWISE NOTED OR APPROVED IN WRITING BY THE OWNER.
 - d. EXTENDED WORK HOURS AND WORKDAYS MAY BE REQUESTED WITH A WRITTEN REQUEST TO THE OWNER. REQUESTS MUST BE SUBMITTED AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE EXTENDED WORK PERIOD. PLEASE NOTE THAT WORK MUST BE CONDUCTED IN THE RESORT AREA, CERTAIN RESTRICTIONS APPLY FROM APRIL TO OCTOBER. PLEASE CONTACT TRAFFIC ENGINEERING FOR THESE RESTRICTIONS.
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10. AT NIGHT OR DURING NON-CONSTRUCTION HOURS, ALL EXCAVATED AREAS ARE TO BE BACKFILLED OR SECURED AND PROTECTED BY USING APPROVED SAFETY DEVICES OR MATERIALS.
11. IN ACCORDANCE WITH THE VIRGINIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS (CONSTRUCTION INDUSTRIAL) 29 CFR, PART 1929, 1989 EDITION, ALL CONTRACTOR EMPLOYEES AND SUBCONTRACTOR(S) EMPLOYEES EXPOSED TO VEHICULAR TRAFFIC WILL BE PROVIDED WITH AND REQUIRE THE WEARING OF MARKING VESTS MARKED WITH OR MADE OF REFLECTORIZED OR HIGH VISIBILITY MATERIALS.
12. FOR CONSTRUCTION OPERATIONS LASTING MORE THAN 14 DAYS, THE CONTRACTOR WILL INSTALL ROAD WORK AHEAD (W21-4, 48" X 48") AND END ROAD WORK (G20-2A, 48" X 24") WARNING SIGNS ON 6" X 6" WOODEN GROUND MOUNTED POSTS. THESE SIGNS MUST BE INSTALLED PRIOR TO BEGINNING CONSTRUCTION WORK AND WILL BE REMOVED AFTER COMPLETION OF ALL CONSTRUCTION ACTIVITIES.
13. FOR ALL APPROVED CONSTRUCTION/TRUCK ENTRANCES, THE CONTRACTOR WILL INSTALL "TRUCKS ENTERING HIGHWAY" (48" X 48" ORANGE AND BLACK) WARNING SIGNS ON 6" X 6" WOODEN GROUND MOUNTED POSTS. THESE SIGNS WILL BE INSTALLED 500 FEET IN ADVANCE OF ALL APPROVED CONSTRUCTION ACCESS/ENTRANCE POINTS AND BE INSTALLED A MINIMUM 72" ABOVE THE FINISHED GRADE FROM THE BOTTOM OF THE SIGN.
14. ANY TRAFFIC CONTROL DEVICES INCLUDING BUT NOT LIMITED TO PAVEMENT MARKINGS, SIGNS, AND TRAFFIC CONTROL SIGNAL EQUIPMENT DAMAGED OR DESTROYED BY THE CONTRACTOR MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE UNLESS THEIR REMOVAL OR DESTRUCTION IS CALLED FOR BY THE PLANS.
15. FOR ANY FURTHER INFORMATION ON TRAFFIC MAINTENANCE AND CONTROL REQUIREMENTS, PLEASE CONTACT THE TRAFFIC ENGINEERING BUREAU, 2405 COURTHOUSE DRIVE, VIRGINIA BEACH, VIRGINIA 23456-9031, (757) 385-4131 FAX: (757) 385-4913.

BUILDING & FOUNDATION

1. A PERMIT FOR ANY SIGN OR SIGN POLE MUST BE OBTAINED FROM PLANNING/PERMITS AND INSPECTIONS.
2. ONLY FLOOD RESISTANT MATERIAL MAY BE USED BELOW THE 100-YEAR FLOOD ELEVATION.
3. ALL STRUCTURES MUST BE PROPERLY ANCHORED WITH ADEQUATE FOOTING BELOW THE 100-YEAR FLOOD ELEVATION.
4. NO MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, OR ELECTRICAL LINES WILL BE INSTALLED OR LOCATED BELOW ONE FOOT (1') ABOVE THE 100-YEAR FLOOD ELEVATION, EXCEPT UNDERGROUND WIRING OR SIMILAR MATERIALS.
5. ALL BUILDINGS WILL BE ACCESSIBLE IN ACCORDANCE WITH THE AMERICAN FOR DISABILITIES ACT (ADA), (LATEST EDITION) STANDARDS.
6. PARKING, RAMPS, AND BUILDING ACCESS ROUTES MUST BE IN ACCORDANCE WITH THE AMERICAN FOR DISABILITIES ACT (ADA), (LATEST EDITION) STANDARDS.
7. THERE WILL BE NO MORE THAN 1/2-INCH DIFFERENCE BETWEEN THE FINISHED FLOOR AND THE EXTERIOR SURFACE AT THE ENTRANCE DOOR.
8. A PERMIT TO DEMOLISH ANY EXISTING STRUCTURE WILL BE OBTAINED FROM PLANNING/PERMITS AND INSPECTIONS, PRIOR TO ANY DEMOLITION.

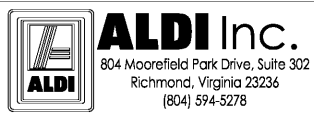
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A BID SET	08/23/17
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Revisions:	Date:
1 ADDRESS TO CITY COMMENTS	05/11/2017
2 ADDRESS TO CITY COMMENTS	07/11/2017
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	PROJECT LEAD	DATE
	PROJECT DESIGNER	DATE

Kimley»Horn
Kimley-Horn
and Associates, Inc.

1700 Willow Lawn Drive, Suite 200
Richmond, Virginia 23230
(804) 673-3882



ALDI Inc.
Virginia Beach Blvd &
Thalia Road
Virginia Beach, VA
Project Name & Location:

GENERAL NOTES	
Drawing Name:	Project No.
Date: 02/08/17	113180024
Type:	
Drawn By: SMP	CA-002
Scale: As Noted	Drawing No.

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