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

3. 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 OF ANY DAMAGE TO UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ARRANGE FOR THE LOCATION OF UTILITIES BY THE OWNERS/ OPERATORS OF THE UTILITIES. CONTACT MISS UTILITY (800) 552-7001.

4. SITE CONDITIONS MAY NECESSITATE SLIGHT DEVIATIONS IN ALIGNMENT, GRADE, AND/OR LOCATION OF NEW FACILITIES FROM THE PLAN ALIGNMENT, GRADE, AND/OR LOCATION. THE CONTRACTOR SHALL CONSTRUCT THE NEW FACILITIES TO SUCH DEVIATIONS AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST OR FINE TO THE OWNER. SHOULD PLAN DEVIATIONS BE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO UNDER TAKING ANY REVISION.

5. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE CURRENT BOCA AND/OR STATE AND LOCAL BUILDING CODES AS WELL AS THE CONSTRUCTION STANDARDS AND SPECIFICATIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION AND ALL APPLICABLE STATE AND FEDERAL OSHA REGULATIONS.

6. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION AREA IN A SAFE AND ACCEPTABLE MANNER AND SHALL BE RESPONSIBLE FOR REMEDIATING ANY DAMAGES RESULTING FROM HIS FAILURE TO DO SO.

7. THE CONTRACTOR SHALL MAINTAIN LIMITS OF CONSTRUCTION WITHIN THE PROPERTY BOUNDARIES OR EASEMENTS AS INDICATED.

8. AN APPROVED SET OF PLANS SHALL BE KEPT ON THE SITE AT ALL TIMES.

9. ALL CONSTRUCTION DEBRIS SHALL BE CONTAINERIZED IN CONFORMANCE WITH THE VIRGINIA LITTER CONTROL ACT AND DISPOSED OF IN A MANNER AND LOCATION ACCEPTABLE TO THE GOVERNING JURISDICTION. AT LEAST ONE TRASH RECEPTACLE SHALL BE ONSITE DURING CONSTRUCTION.

10. TEMPORARY TOILETS SHALL BE PROVIDED ONSITE AT A RATIO OF ONE TOILET PER 30 WORKERS DURING THE CONSTRUCTION PERIOD.

11. GRADE STAKES SHALL BE SET FOR CURB & GUTTER, WATER LINES. AND STORM SEWER.

12. THE CONTRACTOR SHALL MAINTAIN A CLEAR FLOW PATH TO AND THROUGH ALL SURFACE WATER AND STORM WATER DRAINAGE FACILITIES AT ALL TIMES.

13. THE CONTRACTOR SHALL GRADE, SEED, AND/OR SOD, AND MULCH THE ENTIRE AREA(S) DISTURBED BY CONSTRUCTION ACTIVITIES.

14. CONSTRUCTION AND START-UP OF ALL WORK SHALL NOT INTERFERE WITH THE

COORDINATE AND SCHEDULE ALL WORK WITH THE OWNERS AS REQUIRED. 15. MINIMUM COVER ON ALL PIPE SHALL BE 3.0 FEET, UNLESS OTHERWISE SPECIFICALLY INDICATED ON THESE DRAWINGS. ALL PIPE SHALL BE INSTALLED

OPERATION OF WATER AND SEWERAGE FACILITIES. THE CONTRACTOR SHALL

WITH COATED TRACER WIRE TO FACILITATE FUTURE LOCATION OF PIPE AFTER CONSTRUCTION IS COMPLETED. 16. WHERE IT IS NECESSARY TO DEFLECT PIPE EITHER HORIZONTALLY OR VERTICALLY, PIPE JOINT DEFLECTION OR BARREL BEND RADIUS SHALL NOT EXCEED

17. ALL PIPING SHALL BE PROPERLY SUPPORTED. ALL PIPING WHICH WILL BE

75% OF THE MANUFACTURER'S RECOMMENDED DEFLECTION ANGLE OR BEND

PRESSURIZED DURING OPERATION SHALL BE PROPERLY RESTRAINED.

18. ALL HDPE PIPE SHALL CONFORM TO THE CURRENT VDOT SPECIFICATIONS AND BE BEDDED IN ACCORDANCE WITH THE CURRENT VDOT STANDARDS.

19. CONSTRUCTION TRAFFIC SHALL USE THE GLEBE ROAD CONSTRUCTION ENTRANCE.

20. NO BUILDING CONSTRUCTION SHALL BEGIN UNTIL GLEBE ROAD IMPROVEMENTS HAVE BEEN SUBSTANTIALLY COMPLETE.

21. NO CERTIFICATE OF OCCUPANCY SHALL BE ISSUED UNTIL THE EMERGENCY ACCESS ROAD IMPROVEMENTS ARE COMPLETED AND THE ROAD IS OPERATIONAL.

GRADING NOTES

. THE GRADING CONTRACTOR SHALL OBTAIN ALL NECESSARY LAND DISTURBING

2. PRIOR TO BEGINNING EARTHWORK OPERATIONS, THE CONTRACTOR SHALL EMPLOY A QUALIFIED. PROFESSIONAL GEOTECHNICAL ENGINEER LICENSED IN THE STATE OF VIRGINIA. AS A RESULT OF ONSITE TESTING, THE GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATIONS REGARDING THE ONSITE PLACEMENT OF FILL MATERIAL AND PROPER COMPACTION METHODS. NO WARRANTIES ARE MADE BY THE OWNER OR ENGINEER FOR ANY SUBSURFACE CONDITIONS ON THE PROPERTY.

3. FILL SHALL BE PLACED ONLY ON FIRM SUBGRADES APPROVED BY THE SOILS ENGINEER. 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. THE SOILS ENGINEER SHALL PERFORM FIELD DENSITY TEST ON EACH LIFT OR AS NECESSARY TO ASCERTAIN THAT ADEQUATE COMPACTION HAS BEEN ACHIEVED. CALIFORNIA BEARING RATIO TESTS SHALL BE PERFORMED IN MATERIAL PROPOSED FOR USE BENEATH PAVEMENT WHETHER CUT OR FILL. THE UPPER 2 FEET OF MATERIAL BELOW STRUCTURES SHALL BE COMPACTED TO 98% DRY DENSITY (ASTM D698).

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 AS REQUIRED TO PERMIT INSTALLATION OF NEW CONSTRUCTION. ALL UNSUITABLE MATERIAL SHALL BE DISPOSED OF IN A MANNER AND LOCATION ACCEPTABLE TO THE GOVERNING AUTHORITY. REMOVE TREES AND OTHER VEGETATION, INCLUDING STUMPS AND ROOTS, COMPLETELY IN AREAS REQUIRED FOR SUBSEQUENT SEEDING. CUT OFF TREES AND STUMPS IN AREAS TO RECEIVE FILL MORE THAN THREE FEET IN DEPTH TO WITHIN EIGHT INCHES OF THE ORIGINAL GROUND SURFACE.

6. BARRICADE OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND OPERATE WARNING LIGHTS AS RECOMMENDED BY AUTHORITIES HAVING JURISDICTION.

. EXCAVATION FOR STRUCTURES: A. CONFORM TO ELEVATIONS AND DIMENSIONS SHOWN WITHIN A TOLERANCE OF PLUS OR MINUS 0.10 FOOT

B. PROVIDE TRUE AND STRAIGHT FOOTING EXCAVATIONS WITH UNIFORM LEVEL BOTTOMS OF THE WIDTH INDICATED TO ENSURE PROPER PLACEMENT AND COVER OF ALL REINFORCEMENT. C. REMOVE ALL LOOSE MATERIALS FROM THE EXCAVATION PRIOR TO PLACEMENT OF CONCRETE). PROVIDE A MINIMUM OF 2'-0" FROM THE FINISHED GRADE TO TOP OF ALL

FOOTINGS WHICH SUPPORT CONCRETE MASONRY UNITS MAY BE STEPPED PROVIDED THE VERTICAL STEP DOES NOT EXCEED ONE HALF OF THE HORIZONTAL DISTANCE BETWEEN STEPS AND HORIZONTAL DISTANCE BETWEEN STEPS IS NOT LESS THAN TWO FEET. F. IF ROCK IS ENCOUNTERED IN A FOOTING EXCAVATION, UNDERCUT IT A MINIMUM

OF 12" BELOW THE BOTTOM OF THE FOOTINGS AND FILL THE RESULTING OVER-EXCAVATION WITH CONTROLLED FILL.

8. CUT SURFACE UNDER PAVEMENTS TO COMPLY WITH CROSS SECTIONS. ELEVATIONS, AND GRADES AS INDICATED.

EXTERIOR WALL FOOTINGS.

9. EXCAVATE TRENCHES TO UNIFORM WIDTH CONFORMING TO VDOT STANDARD PB-1 FOR STORM DRAINAGE PIPING AND UB-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 WATER TO ACCUMULATE IN EXCAVATIONS. REMOVE WATER TO PREVENT SOFTENING OF FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES DETRIMENTAL TO STABILITY OF SUBGRADES AND FOUNDATIONS. CONVEY WATER REMOVED FROM EXCAVATIONS AND RAIN WATER TO COLLECTING OR RUNOFF AREAS. ESTABLISH AND MAINTAIN TEMPORARY DRAINAGE DITCHES AND OTHER DIVERSIONS OUTSIDE EXCAVATION LIMITS FOR EACH STRUCTURE. DO NOT

11. PROTECT EXCAVATED BOTTOMS OF ALL FOOTINGS AND TRENCHES AGAINST FREEZING WHEN ATMOSPHERIC TEMPERATURE IS LESS THAN 35 F (1 C).

USE TRENCH EXCAVATIONS AS TEMPORARY DITCHES.

GRADING NOTES:

A. COMPACT THE 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 HEAVY COMPACTION EQUIPMENT SUCH AS ROLLERS. ETC.. CLOSER TO ANY FOOTING THAN THE HORIZONTAL DISTANCE SUBTENDED BY A 45 ANGLE WITH THE TOP EDGE OF THE FOOTINGS AND THE SURFACE OF THE

B. BACKFILL BEHIND WALLS AFTER PERMANENT CONSTRUCTION WHICH BRACES THE WALL IS IN PLACE OR TEMPORARY BRACING OF THE WALL IS PROPERLY INSTALLED, AND AFTER ACCEPTANCE OF CONSTRUCTION BELOW FINISH GRADE INCLUDING DAMP-PROOFING, REMOVAL OF CONCRETE FORMWORK, AND REMOVAL OF TRASH AND DEBRIS.

13. UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING INCLUDING ADJACENT TRANSITION AREAS. SMOOTH FINISHED SURFACES WITHIN SPECIFIED TOLERANCES. COMPACT WITH UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN, OR BETWEEN SUCH POINTS AND EXISTING GRADES. GRADE AREAS ADJACENT TO BUILDING LINES TO DRAIN AWAY FROM STRUCTURES TO PREVENT

14. FINISH LAWN AREAS TO WITHIN ONE INCH ABOVE OR BELOW REQUIRED SUBGRADE ELEVATIONS. SHAPE SURFACE UNDER WALKS AND PAVEMENTS TO LINE, GRADE, AND CROSS 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 STRUCTURES TO 98% MAXIMUM DRY DENSITY ASTM D 698 (STANDARD PROCTOR).

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 6" DIAMETER AND CONFORM TO V.D.O.T. STANDARD

SB-1.

1. QUALITY CONTROL - ALL WORK DONE IN THE PROPOSED, OR EXISTING RIGHT OF WAY, INCLUDING BUT NOT LIMITED TO STREET GRADING, STREET PAVING AND ALL CONSTRUCTION OF ALL STRUCTURAL COMPONENTS, SHALL BE DONE IN ACCORDANCE WITH CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS. ALL MATERIALS USED SHALL BE TESTED IN ACCORDANCE WITH VDOT STANDARD POLICIES. THE DEVELOPER SHALL CONTACT THE OFFICE OF THE RESIDENT ENGINEER. PRIOR TO BEGINNING CONSTRUCTION WITHIN THE PROPOSED OR EXISTING RIGHT OF WAY. AT THAT TIME, THE RESIDENT ENGINEER SHALL PREPARE AN INSPECTION AND TESTING SCHEDULE.

- THE DEVELOPER WILL PRODUCE TEST REPORTS FROM APPROVED INDEPENDENT LABORATORIES AT THE DEVELOPER'S EXPENSE.

- THE PAVEMENT DESIGNS SHOWN ARE BASED ON A SUB-GRADE CBR VALUE OF 10 OR GREATER. THE SUB-GRADE SOIL IS TO BE TESTED BY AN INDEPENDENT LABORATORY AND THE RESULTS SUBMITTED TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO BASE CONSTRUCTION. SHOULD THE SUB-GRADE CBR VALUES BE LESS THAN 10, ADDITIONAL BASE MATERIAL WILL BE REQUIRED IN ACCORDANCE WITH DEPARTMENTAL SPECIFICATIONS. THE SUBGRADE SHALL BE APPROVED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO PLACEMENT OF THE BASE MATERIAL. BASE SHALL BE APPROVED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION FOR DEPTH, TEMPLATE, AND COMPACTION BEFORE SURFACE IS APPLIED.

- ALL NECESSARY LATERALS ALONG WITH PROVISIONS FOR CONDUITS (I.E. WATER, SEWER, STORM, GAS AND TELEPHONE) WILL BE CONSTRUCTED PRIOR TO PAVEMENT

- GAS OR PETROLEUM TRANSMISSION LINES WILL NOT BE PERMITTED WITHIN THE PAVEMENT OR SHOULDER ELEMENT (BACK CURB TO BACK OF CURB) OF THIS DEVELOPMENT.SERVICE LATERALS CROSSING AND PIPE LINES LOCATED OUTSIDE THE PAVEMENT BY INSIDE THE RIGHT OF WAY WILL BE CONSTRUCTED IN CONFORMITY WITH ASA.B.31.8 SPECIFICATIONS AND SAFETY REGULATIONS. DISTRIBUTION LINES WITH PRESSURES LESS THAN 120 LBS. ARE UNAFFECTED BY THE ABOVE.

- PERMITS WILL BE REQUIRED FOR ALL UTILITIES WITHIN THE STREET RIGHT-OF-WAY PRIOR TO ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM. ANY EASEMENT GRANTED TO A UTILITY COMPANY FOR PLACEMENT OF POWER, TELEPHONE, WATER, SEWER, ETC..., SHALL BE RELEASED PRIOR TO ACCEPTANCE.

3. PRIVATE ENTRANCES - MODIFIED CG-9D GUTTER WILL BE PROVIDED AT ALL ENTRANCES TO PRIVATE LOTS WHERE STANDARD CG-6 CURB AND GUTTER IS APPROVED FOR USE. DRIVEWAYS CONNECTING TO ROADS WITHOUT CURB AND GUTTER SHALL CONFORM TO THE PAVEMENT, SHOULDER AND SLOPE.

- PERMITS WILL BE REQUIRED FOR ALL PRIVATE ENTRANCES CONSTRUCTED ON STREETS RIGHTS OF WAY AFTER ACCEPTANCE INTO THE SECONDARY HIGHWAY

4. EROSION CONTROL AND LANDSCAPING

- CARE SHALL BE TAKEN DURING CONSTRUCTION TO PREVENT EROSION, DUST, AND MUD FROM DAMAGING ADJACENT PROPERTY, CLOGGING DITCHES, TRACKING PUBLIC STREETS, AND OTHERWISE CREATING A PUBLIC OR PRIVATE NUISANCE TO SURROUNDING AREAS.

- THE ENTIRE CONSTRUCTION AREA INCLUDING DITCHES, CHANNELS, BACK OF CURBS AND/OR PAVEMENT SHALL BE BACKFILLED AND SEEDED AT THE EARLIEST POSSIBLE TIME AFTER FINAL GRADING.

DRAINAGE EASEMENTS MUST BE DEFINED BY EXCAVATED DITCHES OR CHANNELS

FOR THEIR FULL LENGTH TO WELL DEFINED EXISTING NATURAL WATERCOURSES. - ALL VEGETATION AND OVERBURDEN TO BE REMOVED FROM SHOULDER TO

SHOULDER PRIOR TO CONDITIONING (CUTTING AND/OR PREPARATION) OF THE SUBGRADE. 5. INTERSECTION PAVEMENT RADIUS

- MINIMUM PAVEMENT RADIUS OF 25 FEET REQUIRED AT ALL STREET INTERSECTIONS.

6. CONNECTIONS TO STATE-MAINTAINED ROADS WHILE THESE PLANS HAVE BEEN APPROVED, SUCH APPROVAL DOES NOT EXEMPT CONNECTIONS WITH EXISTING STATE MAINTAINED ROADS FROM CRITICAL REVIEW AT THE TIME PERMIT APPLICATIONS ARE MADE. HIS IS NECESSARY IN ORDER THAT THE PREVAILING CONDITIONS BE TAKEN INTO CONSIDERATION REGARDING SAFETY ACCOMPANIMENTS SUCH AS TURNING LANES.

7. GUARDRAILS - STANDARD GUARDRAIL WITH SAFETY END SECTIONS MAY BE REQUIRED ON FILLS AS DEEMED NECESSARY BY THE RESIDENT ENGINEER. AFTER COMPLETION OF ROUGH GRADING OPERATIONS, THE OFFICE OF THE RESIDENT ENGINEER, SHALL BE NOTIFIED SO THAT A FIELD REVIEW MAY BE MADE OF THE PROPOSED LOCATIONS. - WHERE GUARDRAILS ARE TO BE INSTALLED THE SHOULDER WIDTH SHALL BE INCREASED IN ACCORDANCE WITH VDOT ROAD AND BRIDGE STANDARDS.

8. STORM DRAINAGE

- FIELD REVIEW WILL BE MADE DURING CONSTRUCTION TO DETERMINE THE NEED AND LIMITS OF PAVED DITCHES AND/OR DITCH STABILIZATION TREATMENTS, TO DETERMINE THE NEED AND LIMITS OF ADDITIONAL DRAINAGE EASEMENTS. ALL DRAINAGE EASEMENTS SHALL BE CUT AND MADE TO FUNCTION TO A NATURAL WATERCOURSE. ANY EROSION PROBLEMS ENCOUNTERED IN AN EASEMENT SHALL BE CORRECTED BY WHATEVER MEANS NECESSARY PRIOR TO SUBDIVISION ACCEPTANCE.

- DITCH SLOPES ARE TO BE FOUR TO ONE (4:1) FOR SHOULDER WIDTHS OF SIX FEET (6') OR GREATER AND THREE TO ONE (3:1) FOR SHOULDER WIDTHS OF FOUR FEET (4') OR FIVE FEET (5'), UNLESS OTHERWISE SPECIFIED IN THE PLANS.

- CONTRACTOR SHALL OBTAIN ENTRANCE PERMIT TO THE EXISTING VIRGINIA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY FROM THE RESIDENT ENGINEER PRIOR TO ROAD CONSTRUCTION.

10. INSPECTION AN INSPECTOR WILL NOT BE FURNISHED EXCEPT FOR PERIODIC PROGRESS INSPECTIONS, THE ABOVE MENTIONED FIELD REVIEWS, AND CHECKING FOR REQUIRED STONE DEPTHS. THE DEVELOPER WILL BE REQUIRED TO POST A SURETY TO GUARANTEE THE ROAD FREE OF DEFECTS FOR ONE YEAR AFTER ACCEPTANCE BY THE VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION.

VDOT NOTES:

11. STREET MAINTENANCE - THE STREETS SHALL BE PROPERLY MAINTAINED UNTIL ACCEPTANCE. AT SUCH TIME AS ALL REQUIREMENTS HAVE BEEN MET FOR ACCEPTANCE, ANOTHER INSPECTION WILL BE MADE TO DETERMINE THAT THE STREET HAS BEEN PROPERLY MAINTAINED.

12. UNDERGROUND UTILITIES

 CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT THE ENGINEER IMMEDIATELY IF THE LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLANS. IF THERE APPEARS TO BE A CONFLICT, AND UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN. CONTACT "MISS UTILITY" OF CENTRAL VIRGINIA AT 1-800-552-7001.

13. REVISIONS OF SPECIFICATIONS AND STANDARDS - APPROVAL OF THESE PLANS WILL BE BASED ON SPECIFICATIONS AND STANDARDS IN EFFECT AT THE TIME OF APPROVAL AND WILL BE SUBJECT. UNTIL COMPLETION OF THE ROADWAY AND ACCEPTANCE BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION, TO FUTURE REVISIONS OF THE SPECIFICATIONS AND STANDARDS.

SANITARY SEWER NOTES

1.PIPE & FITTINGS: ALL SANITARY SEWER PIPE AND FITTINGS SHALL BE POLYVINYL CHLORIDE (PVC), SDR 35, AND SHALL CONFORM WITH ASTM D-3034.

2.INSTALLATION: THE SANITARY SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS AND THESE SPECIFICATIONS. THE PIPE SHALL BE LAID IN TRUE STRAIGHT LINES WITH THE BELL ENDS UPSTREAM AND WITH THE INVERT OF THE PIPE BEING THE TRUE ELEVATION AND GRADE OF THE SYSTEM. THE PIPE SHALL BE VISUALLY INSPECTED FOR DEFECTS BEFORE LOWERING THE PIPE IN THE TRENCH. FIELD CUTTING OF THE PIPE SHALI BE DONE SO IN A NEAT AND WORKMANLIKE MANNER. SO AS TO LEAVE A SMOOTH END AT RIGHT ANGLES TO THE AXIS OF THE PIPE.

3.TRENCH EXCAVATION: TRENCHES SHALL BE EXCAVATED IN STRAIGHT LINES AND SHALL BE OF SUFFICIENT WIDTH TO PERMIT THE PROPER INSTALLATION OF BRACING, SHORING OR SHEETING. TRENCH WIDTH SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATION. THE BOTTOM OF THE PIPE TRENCH SHALL BE EXCAVATED TO A MINIMUM COVER DEPTH OF FOUR (4) INCHES BELOW THE BOTTOM OF THE PIPE, TO PROVIDE FOR THE COMPACTED BEDDING MATERIAL

4.BEDDING: BEDDING MATERIAL SHALL BE COARSE AGGREGATE SIZE NUMBER 57 AND SHALL CONFORM WITH VDOT SECTION 203 AND/OR ASTM C33. BEDDING MATERIAL SHALL BE PLACED AND COMPACTED IN FOUR (4) INCHES BELOW THE PIPE AND AS A MINIMUM UP TO 6" ABOVE THE TOP OF THE BELLS OF ALL PIPES. CARE SHALL BE TAKEN TO ENSURE THE BEDDING MATERIAL FULLY SUPPORTS THE SIDE AND BOTTOM OF THE PIPE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

5.BACKFILL: BACKFILL MATERIAL SHALL BE EITHER APPROVED EXCAVATED MATERIAL OR APPROVED SUITABLE MATERIAL FROM OTHER SOURCES THAT IS FREE OF ORGANIC MATERIAL, LOAM, DEBRIS, OR MINIMUM TWO (2) FEET ABOVE THE TOP OF PIPE SHALL BE FREE OF STONES LARGER THAN ONE (1) INCH AND SHALL BE PLACED IN SIX (6) INCH LAYERS AND COMPACTED WITH HAND TAMPERS. BACKFILL FROM THIS POINT TO TOP OF TRENCH SHALL BE FREE OF STONES LARGER THAN FOUR (4) INCHES AND SHALL BE PLACED IN LAYERS NOT TO EXCEED EIGHT (8) INCHES AND COMPACTED WITH MECHANICAL TAMPERS. BACKFILL BELOW UNPAVED AREAS SHALL BE COMPACTED TO 90%. BACKFILL BELOW PAVED AREAS SHALL BE COMPACTED TO 95%. BACKFILL COMPACTION TESTING SHALL BE IN ACCORDANCE WITH A8TM D-698.

6. TESTING OF SANITARY SEWER: TESTING FOR WATER TIGHTNESS SHALL BE MADE UTILIZING A LOW PRESSURE AIR TEST. THE TESTING EQUIPMENT, PROCEDURE AND RESULTS WILL ALL BE SUBJECT TO THE APPROVAL OF THE COUNTY ENGINEER. SHALL BE IN ACCORDANCE WITH ASTM F1417-92, CURRENT REVISION. THE CONTRACTOR SHALL DEFLECTION TEST THE ENTIRE LENGTH OF PIPE BY MEANS OF A GO-NO-GO MANDREL TO ASSURE THAT A 5.0% DEFLECTION HAS NOT BEEN EXCEEDED. MANDREL SHALL BE SIZED AT 5% LESS THAN ASTM DIMENSION FOR THE SEWER.

7. A MINIMUM COVER OF THREE (3.0) FEET IS REQUIRED OVER PROPOSED LINES UNLESS OTHERWISE INDICATED.

8. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING ALL MANHOLES AFTER PAVING. MANHOLE TOPS SHALL BE ADJUSTED TO GRADE IF

9. ALL EXISTING UTILITIES MAY NOT BE SHOWN OR MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH STATE WATER WORKS REGULATIONS, SECTION 12.05.03, WHERE LINES CROSS.

10. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

LATEST REVISION OF THE BOTETOURT COUNTY SANITARY SEWER STANDARDS. WATER NOTES

11. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE

VAULTS AFTER PAVING AND ADJUSTMENT FOR FINAL GRADE IF NECESSARY. 3. ALL EXISTING UTILITIES MAY NOT BE SHOWN IN THE EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH THE STATE WATER WORKS REGULATIONS, SECTION

1. A MINIMUM COVER OF THREE (3.0) FEET IS REQUIRED OVER PROPOSED LINES.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND UNCOVERING VALVE

12.05.03, WHERE LINES CROSS 4. ALL TRENCHES IN EXISTING OR FUTURE HIGHWAY RIGHTS-OF-WAY SHALL BE

5. LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

COMPACTED ACCORDING TO V.D.O.T. STANDARDS.

6. ALL WATER PIPE TO BE DUCTILE IRON PIPE CLASS 52 MINIMUM IN ACCORDANCE WITH AWWA C151.

7. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED IN THE TRENCH FOR ALL PIPE. STONES AND ROCKS FOUND IN THE TRENCH SHALL BE REMOVED FOR A DEPTH OF AT LEAST SIX (6) INCHES BELOW THE BOTTOM OF THE PIPE AND TAMPED SELECTED FILL BEDDING PROVIDED. AFTER THE PIPE HAS BEEN PLACED IN THE TRENCH, THE TRENCH SHALL BE BACKFILLED WITH SELECTED MATERIAL, THOROUGHLY COMPACTED TO 95% UNDER PAVEMENT OR CONCRETE SLAB, OF THE STANDARD PROCTOR (ASTM D 698) USING CARE NOT TO DAMAGE THE PIPE.

8. ALL WATER MAINS SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE COUNTY UTILITY DEPARTMENT. COORDINATE INSPECTIONS FOR TESTING. 9. ALL WATER SYSTEM CONSTRUCTION SHALL BE IN ACCORDANCE WITH LATEST REVISION OF BOTETOURT COUNTY WATER STANDARDS.

WATER TESTING REQUIREMENTS:

1. ALL NEW WATER MAINS SHALL BE TESTED, AFTER BACKFILLING, TO A HYDROSTATIC PRESSURE OF NOT LESS THAN 100 PSI ABOVE THE DESIGN WATER PRESSURE FOR THE SYSTEM OR 150 PSI, WHICHEVER IS GREATER. TESTING PROCEDURE AND ALLOWABLE LEAKAGE SHALL BE ACCORDING TO THE BOTETOURT COUNTY WATER SPECIFICATIONS SECTION

2. AFTER PRESSURE TESTING AND BEFORE FINAL INSPECTION OF THE COMPLETED SYSTEMS, WATER MAINS AND SERVICE LATERALS SHALL BE FLUSHED AND DISINFECTED IN ACCORDANCE WITH AWWA SPECIFICATION C651 LATEST REVISIONS. TESTING PROCEDURE AND REQUIREMENTS SHALL BE IN ACCORDANCE WITH BOTETOURT COUNTY WATER STANDARDS SECTION 105.0.

<u>BOTETOURT COUNTY UTILITY NOTES</u>

1. BOTETOURT COUNTY SEWER CONNECTION FEES WILL BE BASED UPON THE FEE STRUCTURE CURRENTLY IN PLACE. OWNER / DEVELOPER MUST MAKE APPLICATION AND PAY ALL APPLICABLE CONNECTION FEES PRIOR TO ISSUANCE OF BUILDING PERMITS.

2. ALL TESTING OF UTILITIES SHALL BE DOCUMENTED BY THE DESIGN ENGINEER.

3. DEVELOPER SHALL PROVIDE A ONE-YEAR WARRANTY FOR ALL LINES PRIOR TO CONVEYANCE TO BOTETOURT COUNTY WITH WARRANTY DATE BEGINNING AT THE DATE OF SYSTEM ACCEPTANCE BY BOTETOURT COUNTY.

4. DEVELOPER SHALL PROVIDE VIDEO CAMERA INSPECTION DOCUMENTATION PRIOR TO CONCLUSION OF ONE YEAR WARRANTY PERIOD. VIDEO CAMERA INSPECTION WORK TO BE PERFORMED NO SOONER THAN SIX MONTHS AND NO LATER THAN EIGHT MONTHS AFTER THE DATE OF SYSTEM ACCEPTANCE BY BOTETOURT COUNTY. ONE (1) COPY OF THE VIDEO TAPE SHALL BE PROVIDED TO BOTETOURT COUNTY. VIDEO CAMERA INSPECTION WORK SHALL BE COORDINATED WITH BOTETOURT COUNTY SUCH THAT COUNTY PERSONNEL CAN BE PRESENT DURING VIDEO INSPECTION OPERATIONS.

5. ALL WATER AND SEWER SHOP DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR TO BOTH THE DESIGN ENGINEER AND BOTETOURT COUNTY FOR APPROVAL PRIOR TO INSTALLATION / CONSTRUCTION. BOTETOURT COUNTY WILL REQUIRE THREE (3) COMPLETE SETS OF SHOP DRAWINGS FOR REVIEW.

BOTETOURT COUNTY UTILITY NOTES:

6. THE CONTRACTOR SHALL SCHEDULE A PRE—CONSTRUCTION MEETING TO BE ATTENDED BY THE CONTRACTOR'S SITE SUPERINTENDENT, DESIGN ENGINEER'S FIELD REPRESENTATIVE / INSPECTOR, BOTETOURT COUNTY UTILITY DEPARTMENT, BOTETOURT COUNTY ENGINEERING DEPARTMENT AND ANY MATERIALS SUPPLIERS THE CONTRACTOR FEELS NECESSARY.

7. ALL WATER AND SEWER PIPES (MAINS AND SERVICE LINES) SHALL HAVE BOTH

MAGNETICALLY LOCATABLE DETECTION WIRE AND OR TAPE AND WARNING TAPE INSTALLED AT SAME ELEVATION OF SPRING LINE OF PIPE. WARNING TAPE (CAUTION!! BURIED SEWER / WATER PIPE BELOW) SHALL BE INSTALLED NO MORE THAN 18 INCHES ABOVE TOP OF PIPE. 8. CONTRACTOR SHALL OBTAIN A COPY OF THE MOST CURRENT EDITION OF THE

BOTETOURT COUNTY WATER SEWER CONSTRUCTION STANDARDS AND SPECIFICATIONS AND PROVIDE PROOF (A LETTER) THAT THE CONTRACTOR HAS BEEN AND IS FAMILIAR WITH THE REQUIREMENTS THEREIN.

9. PRIOR TO CONVEYANCE OF THE WATER AND SEWER SYSTEM (MAIN LINES AND ASSOCIATED STRUCTURES) BOTETOURT COUNTY SHALL REQUIRE ONE COMPLETE REPRODUCIBLE (MYLAR) SET, ONE COMPLETE PAPER (BLUELINE) SET AND ONE COMPLETE DIGITAL (AUTOCAD 2000 VERSION) SET OF WATER AND SEWER AS-BUILTS, PREPARED BY THE DESIGN ENGINEER AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF VIRGINIA.

10. PRIOR TO CONVEYANCE OF THE WATER AND SEWER SYSTEM (MAIN LINES AND ASSOCIATED STRUCTURES) BOTETOURT COUNTY SHALL REQUIRE: A) A LETTER OF DOCUMENTATION BY THE DESIGN ENGINEER, SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE

COMMONWEALTH OF VIRGINIA, STATING THAT THE SYSTEM HAS

BEEN BUILT IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

B) A DEED OF CONVEYANCE FROM THE OWNER TO BOTETOURT

C) A PLAT SHOWING ALL WATER AND SEWER EASEMENTS.

D) WARRANTY TO BOTETOURT COUNTY FOR ONE YEAR FOLLOWING DATE OF ACCEPTANCE BY THE BOTETOURT COUNTY BOARD OF

E) TWO COMPLETE COPIES OF DOCUMENTATION PREPARED BY THE DESIGN ENGINEER, SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF VIRGINIA, OF ALL SEWER AND WATER TESTING TO INCLUDE THE FOLLOWING:

1) MAIN LINE SEWER LINE AIR PRESSURE TESTING UP TO AND AGAINST THE FIRST CLEAN—OUT ON SERVICE LINES. 2) MAIN LINE SEWER LINE DEFLECTION MANDREL TESTING.

3) SEWER MANHOLE VACUUM TESTING UP TO AND INCLUDING THE MANHOLE FRAME. 4) MAIN LINE WATER LINE WATER PRESSURE TESTING. 5) MAIN LINE WATER LINE ACCEPTABLE BACTERIALOGICAL

TESTING RESULTS.

11. ALL AS-BUILT / RECORD DRAWINGS SHALL SHOW ACTUAL FIELD SURVEYED LOCATIONS (HORIZONTAL AND VERTICAL) OF STRUCTURES (MANHOLES, CLEAN—OUTS, SERVICE STUB-OUTS, FIRE HYDRANTS, VALVE BOXES, WATER METER BOXES, AIR RELEASE VALVES, ETC.) AND SHOW RECOMPUTED PIPE LENGTHS AND SLOPES BASED UPON ACTUAL FIELD

12. ALL SANITARY SEWER LATERALS SHALL BE PRIVATE SEWER LATERALS OWNED, OPERATED AND MAINTAINED BY THE SEWER CUSTOMER. BOTETOURT COUNTY WILL NOT OWN, OPERATE

OR MAINTAIN ANY PORTION OF ANY SEWER LATERALS. 13. NO PLANTINGS SHALL BE PERMITTED IN WATER OR SEWER EASEMENTS.

14. NO PLANTINGS SHALL BE PERMITTED WITHIN TEN (10) FEET OF WATER METER BOXES. 15. OWNER/DEVELOPER MUST MAKE APPLICATIONS AND PAY ALL APPLICABLE BOTETOURT COUNTY WATER AND SEWER CONNECTION FEES PRIOR TO ISSUANCE OF ANY BUILDING

16. USE TRENCH ADAPTER ON ALL VALVES AT DEPTHS OF FIVE (5) FEET OR MORE. 17. CONTRACTOR SHALL INSTALL SANITARY SEWER CLEAN OUTS ON ALL LATERAL LINES

PERMITS OR MAINLINE EXTENSIONS OR CONNECTIONS TO ANY BOTETOURT COUNTY

SEWER EASEMENT. 18. ALL UTILITY CROSSINGS SHALL BE CONCRETE ENCASED WHERE VERTICAL SEPERATION

SUCH THAT THE CLEANOUT IS NO FURTHER THAN 10 FEET FROM THE EXISTING SEWER

MANHOLE OR MAINLINE TO WHICH YOU WILL BE CONNECTING OR AT THE EDGE OF THE

19. CONTRACTOR SHALL FIELD VERIFY STATIC WATER PRESSURE AT EACH COTTAGE SERVICE LOCATION PRIOR TO INSTALLING METER. METER LOCATIONS THAT INDICATE A STATIC PRESSURE ABOVE 80 PSI SHALL BE INSTALLED WITH A PRESSURE REDUCING VALVE IN ACCORDANCE WITH BOTETOURT COUNTY UTILITY DEPARTMENT STANDARDS. PROVIDE ENGINEER DOCUMENTATION OF PRESSURE READINGS FOR ALL COTTAGE WATER SERVICE METER LOCATIONS.

GENERAL UTILITIES NOTE:

BETWEEN UTILITY LINES IS 18 INCHES OR LESS.

1. VERIFY LOCATION, SIZE, AND ELEVATION FOR ALL UTILITIES IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION, SIZE, OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON PLAN.

2. PROVIDE CONSTRUCTION METHODS AND MATERIALS IN ACCORDANCE WITH THE COMMONWEALTH OF VIRGINIA SEWAGE AND WATERWORKS REGULATIONS AND BOTETOURT COUNTY, VIRGINIA REGULATIONS WHERE APPLICABLE.

3. A MINIMUM OF THREE (3.0) FEET OF COVER IS REQUIRED OVER PROPOSED

WATER AND SEWER LINES. 4. ALL EXISTING UTILITIES MAY NOT BE SHOWN IN EXACT LOCATION. THE CONTRACTOR SHALL COMPLY WITH THE STATE WATERWORKS REGULATIONS, SECTION

12.05.03, WHERE LINES CROSS. 5. ALL LINES SHALL BE STAKED PRIOR TO CONSTRUCTION.

6. REFER TO DETAIL SHEETS FOR BEDDING DETAILS. AFTER THE PIPE HAS BEEN PLACED IN THE TRENCH, THE TRENCH SHALL BE BACKFILLED WITH SELECT MATERIAL AND THOROUGHLY COMPACTED PER SPECIFICATIONS.

7. ALL WATER MAINS SHALL BE PROPERLY RESTRAINED WITH THRUST BLOCKING OR APPROVED ALTERNATIVE. 8. ALL WATER MAINS SHALL BE TESTED IN ACCORDANCE WITH BOTETOURT COUNTY

STANDARDS. COORDINATE INSPECTIONS FOR TESTING WITH BOTETOURT COUNTY.

9. ALL WATER PIPE TO BE DUCTILE IRON PIPE CLASS 52 MINIMUM IN ACCORDANCE WITH AWWA C151.

COORDINATION NOTE: 1. SEE ARCHITECTURAL PLANS FOR ALL BUILDING RELATED DETAILS.

2. SEE MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR EXACT BUILDING UTILITY ELEVATIONS, LOCATIONS, SIZE, AND SUPPORT EQUIPMENT.

3. SEE ELECTRICAL PLANS FOR SITE LIGHTING DETAILS.

4. SEE STRUCTURAL PLANS FOR RETAINING WALL DETAILS AT BUILDING. EROSION - SEDIMENT CONTROL NOTES

DATES OF CONSTRUCTION

AT ALL TIMES.

SEEDED WITH TEMPORARY VEGETATION.

1. UNLESS OTHERWISE INDICATED ALL VEGETATIVE AND STRUCTURAL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VA. EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST

2. THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

4. A COPY OF THE APPROVED EROSION CONTROL PLANS SHALL BE KEPT ON SITE

3. ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED AS THE FIRST STEP IN GRADING.

5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE INSPECTOR.

6. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL

DEVICES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND UNTIL FINAL

STABILIZATION IS ACHIEVED. THE CONTRACTOR SHALL REMOVE ALL DEVICES FROM THE SITE AFTER STABILIZATION, ONLY AFTER PRIOR APPROVAL OF THE INSPECTOR. 7. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN SEVEN DAYS OF REACHING FINAL GRADES. TEMPORARY,

DENUDED AREAS THAT ARE TO BE EXPOSED LONGER THAN THIRTY DAYS SHALL BE

<u>EROSION - SEDIMENT CONTROL NOTES (CONTINUED)</u>

8. DURING CONSTRUCTION, SOIL STOCKPILES SHALL BE STABILIZED AND PROTECTED WITH SEDIMENT TRAPPING MEASURES AND STABILIZED WITH TEMPORARY VEGETATION IF UNUSED FOR 30 DAYS OR LONGER.

9. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH MAJOR RAINFALL EVENT . ANY REPAIRS NECESSARY SHALL BE MADE IMMEDIATELY TO ENSURE THE PROTECTION OF OFFSITE PROPERTIES.

10. THE CONTRACTOR IS REQUIRED TO REMOVE ALL SILT FROM STREAMS AND DRAINAGE WAYS PRIOR TO BOND RELEASE.

11. TEMPORARY AND PERMANENT SEEDING SHALL ADHERE TO THE SPECIFICATIONS

EROSION - SEDIMENT CONTROL PHASING NOTES

1. INSTALL ALL PERIMETER SILT FENCE.

SHOWN ON THE DETAIL SHEET.

INLET PLACEMENT.

2. CONSTRUCT STORMWATER MANAGEMENT PONDS AND OUTLET STRUCTURES (FACILITIES TO BE USED AS TEMPORARY SEDIMENT BASINS).

3. INSTALL DIVERSION DIKES TO DIVERT RUNOFF TO THE PONDS. 4. INSTALL INLET AND OUTLET PROTECTION IMMEDIATELY AFTER STORM SEWER AND

5. CONTRACTOR SHALL REMOVE EROSION CONTROL MEASURES ONLY AFTER DISTURBED AREAS ARE STABILIZED AND APPROVAL HAS BEEN OBTAINED FROM THE

6. SOIL STOCKPILE AREA FOR GLEBE ROAD, IF NEEDED, SHALL BE LOCATED WITHIN OWNER'S PROPERTY AS SHOWN ON SHEET C10. CONTRACTOR MUST COORDINATE EXACT LOCATION OF STOCKPILE AND ADDITIONAL EROSION CONTROL MEASURES WITH THE COUNTY EROSION CONTROL INSPECTOR.

WATER AND SEWER SYSTEM CONVEYANCE NOTE

1. SUBMIT ALL INFORMATION AS OUTLINED UNDER BOTETOURT COUNTY UTILITY NOTES AND PROVIDE WRITTEN REQUEST THAT BOTETOURT COUNTY ACCECPT OWNERSHIP AND OPERATION OF THE SYSTEM.

2. SCHEDULE A PRE FINAL INSPECTION OF THE SYSTEM.

4. SCHEDULE A FINAL INSPECTION OF THE SYSTEM.

ADDRESS ANY INSPECTION/PUNCH LIST ITEMS.

5. BOTETOURT COUNTY PUBLIC WORKS MAKES A FORMAL RECOMMENDATION TO BOTETOURT COUNTY BOARD OF SUPERVISORS THAT THE SYSTEM IS COMPLETE AND READY FOR THE OWNERSHIP AND OPERATION BY BOTETOURT COUNTY.

6. BOTETOURT COUNTY BOARD OF SUPERVISORS TAKES OFFICIAL ACTION TO EITHER ACCEPT OR REJECT OWNERSHIP AND OPERATION OF THE SYSTEM.

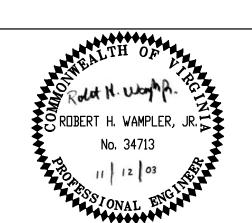
20 South Roanoke S Fincastle, Virginia 24090 540.473.1253 540.473.1254(Fax) email@engineeringconcepts.com ECI PROJECT #02019

ENGINEERING

CONCEPTS, INC

GENERAL NOTES

KEYPLAN



PROJECT TITLE



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SANITARY SEWER REVISIONS 8/06/0

DRAWING TITLE GENERAL NOTES

COMM. NO. 97115.00	DATE 11/12/03				
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ACADR-14 PLOT SCALE PLOT DATE

CADD VERSION

COMM NO. DRAWING NO.