

SUBDIVISION & SITE CONSTRUCTION
PLAN GENERAL NOTES

- ALL MATERIALS AND CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION'S STANDARDS AND SPECIFICATIONS.
- LAND USE PERMITS (CE-7P) MUST BE OBTAINED FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE EXISTING STATE MAINTAINED RIGHT-OF-WAY (INCLUDING ACCESS DRIVEWAYS) PRIOR TO COMMENCING WITH INITIAL CONSTRUCTION ACTIVITIES WITHIN SUD AND RIGHT-OF-WAYS.
- THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OR PROPOSED WORK TO EXISTING CURBS, SANITARY LINES, WATER LINES, ETC., PRIOR TO CONSTRUCTION.
- UPON THE DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUBGRADE, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL IMMEDIATELY CONTACT A GEOTECHNICAL ENGINEER AND VDOT. THESE AREAS SHALL BE EXCAVATED BELOW PLAN GRADE AS DIRECTED BY THE GEOTECHNICAL ENGINEER, BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH CURRENT VDOT SPECIFICATIONS.
- ALL STORM SEWER DESIGN AND CONSTRUCTION TO BE IN ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS.
- IF PRE-CAST DRAINAGE UNITS ARE TO BE USED, VDOT SHALL BE NOTIFIED AND THE MANUFACTURER SHALL PROVIDE DRAINAGE DETAILS FOR REVIEW. CERTIFICATION AND VDOT STAMP WILL BE REQUIRED ON ALL UNITS.
- ALL CONCRETE SHALL BE CLASS A3-AE (AIR ENTRAINED 3,000 PSI).
- ALL ENTRANCES ARE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH CURRENT VDOT STANDARDS. RESIDENTIAL LOT ACCESS SHALL BE PROVIDED PER THE FOLLOWING CRITERIA:
 - a) DRIVEWAY ENTRANCE CULVERTS ARE TO BE 15" DIAMETER X 20' LONG PIPE AND SHALL CONFORM TO PE-1 PRIVATE ENTRANCE STANDARDS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. NO ENTRANCE CULVERTS ARE TO BE INSTALLED WITHIN FIVE (5) FEET OF A PROPERTY CORNER.
 - b) VDOT STANDARD, CG-90 ENTRANCES SHALL BE INSTALLED IN CURB AND GUTTER NEIGHBORHOODS. THE SAVING CUTTING OF THE STANDING CURB IS UNACCEPTABLE WHEN INSTALLING AN ENTRANCE TO AN EXISTING CURB AND GUTTER.
- THE DEVELOPER IS RESPONSIBLE FOR FURNISHING AND INSTALLING STOP SIGNS AT STREET INTERSECTIONS.
- CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES AND EASEMENTS PRIOR TO CONSTRUCTION PRIOR TO STARTING WORK. CONTACT THE VIRGINIA DEPARTMENT OF TRANSPORTATION IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY SHOWN ON THIS PLAN, CALL MISS UTILITY OF CENTRAL VIRGINIA AT 1-800-552-7001. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN EXISTING AND/OR PROPOSED RIGHT-OF-WAY REQUIRED BY THE DEVELOPMENT.
- ALL STREETLIGHTS SHALL BE LOCATED A MINIMUM OF 9.5' FROM THE EDGE OF PAVEMENT ON CURB SIDE OF THE ROAD AND/OR LOCATED A MINIMUM OF 5.5' BEHIND THE DITCH LINE ON OPEN DITCH STREETS.
- CASING SLEEVES SHALL BE PLACED AT ALL ROAD CROSSINGS FOR GAS, POWER, TELEPHONE AND CABLE TV SERVICES TRUNK LINES.
- THE INSTALLATION OF SEWER, WATER, AND GAS MAINS (INCLUDING SERVICES LATERALS AND EASEMENTS) SHALL BE COMPLETED PRIOR TO PLACEMENT OF AGGREGATE BASE COURSE. UTILITIES TO REMAIN IN-PLACE AFTER STREET ACCEPTANCE.
- ALL ROWSIDE DITCHES SHOWN AS PAVED ON PLANS ARE TO BE PAVED IN ACCORDANCE WITH THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE ROAD AND BRIDGE SPECIFICATIONS.
- ALL VEGETATION AND ORGANIC MATERIAL IS TO BE REMOVED FROM THE RIGHT-OF-WAY LIMITS PRIOR TO CONDITIONING OF THE SUBGRADE.
- CERTIFICATION AND SOURCE OF MATERIALS ARE TO BE SUBMITTED TO VDOT FOR ALL MATERIALS AND BE IN COMPLIANCE WITH THE ROAD AND BRIDGE SPECIFICATIONS AND ROAD AND BRIDGE STANDARDS.
- DRY GUTTER IS NOT ALLOWED IN VDOT RIGHT OF WAY.
- THE NECESSITY AND LOCATIONS FOR ADDITIONAL VDOT STANDARD UNDERDRAINS TO BE DETERMINED AT TIME OF SUBGRADE INSPECTION.
- VDOT SHALL BE PROVIDED DOCUMENTATION THAT ALL IN-PLACE PAVEMENTS MEET OR EXCEED THE APPROVED PAVEMENT DESIGN THICKNESS PRIOR TO STATE ACCEPTANCE.

GENERAL UTILITY NOTES

- SUPPLY AND INSTALL ALL MATERIALS AND METHODS FOR WATERLINES, SANITARY SEWERS AND STORM DRAINAGE IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE STANDARDS AND SPECIFICATIONS', LATEST EDITION.
- OBTAIN ALL REQUIRED PERMITS AND NOTIFY APPROPRIATE OFFICIALS 48 HOURS PRIOR TO COMMENCEMENT OF WORK. OBTAIN INFORMATION FROM THE TOWN OF VINTON CONCERNING PERMITS AND CONNECTIONS TO EXISTING LINES.
- ALL WORK SHALL BE SUBJECT TO INSPECTION BY ROANOKE COUNTY AND/OR THE TOWN OF VINTON AT ANY TIME DURING THE COURSE OF WORK.
- SITE SHALL BE TO SUBGRADE PRIOR TO INSTALLATION OF UTILITIES. ALL UTILITIES SHALL BE IN PLACE PRIOR TO PLACEMENT OF PAVEMENT BASE MATERIAL.
- USE SELECT MATERIAL FREE FROM FROST, LARGE CLODS, STONES, AND DEBRIS FOR BACKFILL FROM THE BOTTOM OF THE TRENCH TO TWELVE (12) INCHES ABOVE THE PIPE.
- MINIMIZE ANY DISTURBANCE TO EXISTING WATER SERVICE, SEWER LINES OR ANY OTHER UTILITY DURING CONSTRUCTION AND PROVIDE QUALITY WORKMANSHIP.
- MAKE ALL PIPE JOINTS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND PER THE TOWN OF VINTON'S SPECIFICATIONS. MAKE MANUFACTURED DIFFERENT PIPE MATERIALS WITH STANDARD FITTINGS MANUFACTURED FOR THE PURPOSE.
- MAINTAIN ALL WATER LINES AT TEN (10) FEET HORIZONTAL SEPARATION FROM SEWER LINES AND MANHOLES. MEASURE THE DISTANCE DESIRED EDGE-TO-EDGE. WHEN LOCAL CONDITIONS MAY BE LAD CLOSER TO THE HORIZONTAL SEPARATION PROVIDES THAT THE BOTTOM OF THE WATERLINE SEWER BE AT LEAST EIGHTEEN (18) INCHES ABOVE THE TOP OF THE SEWER. WHERE THIS VERTICAL SEPARATION CANNOT BE OBTAINED, CONSTRUCT THE SEWER OF AWWA APPROVED WATER PIPE AND PRESSURE TREAT IN PLACE PRIOR TO BACKFILLING. THE SEWER MANHOLE SHALL BE OF WATERTIGHT CONSTRUCTION TESTED IN PLACE.
- SEWER AND WATER TAPS SHALL BE LOCATED BY THE CONTRACTOR, PERFORMED BY THE CONTRACTOR/DEVELOPER AND INSPECTED BY THE TOWN OF VINTON.
- LOCATE AND UNCOVER VALVE VAULTS AND MANHOLES AFTER PAVING AND ADJUST TO FINAL GRADE, IF NECESSARY.
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS WHERE UTILITIES ENTER THE BUILDING.
- PRIOR TO COMMENCING WITH ANY UNDERGROUND PIPE CONSTRUCTION OF GRADING (EXCAVATION), THE GENERAL CONTRACTOR SHALL CALL MISS UTILITY OF VIRGINIA (TOLL FREE 1-800-552-7001) AND THE TOWN OF VINTON PUBLIC WORKS (540-983-0646) AT LEAST 48 HOURS PRIOR TO COMMENCING. THE G.C. IS RESPONSIBLE FOR THE DAMAGE CAUSED TO ANY UTILITY, PUBLIC OR PRIVATE, AS A RESULT OF NOT CONTACTING MISS UTILITY. PUBLIC OR PRIVATE DAMAGE SHALL BE REPAIRED AT THE OWNER'S/DEVELOPER'S COST.
- EXISTING UTILITY LOCATIONS SHOWN ARE A RESULT OF FIELD SURVEYS, AND AVAILABLE RECORDS. LOCATIONS ARE APPROXIMATE. GENERAL CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS. PRIOR TO ANY WORK, CONTACT THE ENGINEER IMMEDIATELY PRIOR TO ANY LOCATION OR ELEVATION IS DIFFERENT FORM THAT SHOWN ON THE PLANS. 2) IF THERE APPEARS TO BE ANY CONFLICT, UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THE PLANS, G.C. SHALL CALL "MISS UTILITY" OF VIRGINIA AND/OR THE TOWN OF VINTON PUBLIC WORKS AT 1-540-983-0646.
- PROVIDE A CONTINUOUS AND UNIFORM BEDDING IN THE TRENCH FOR ALL PIPE. REMOVE STONES AND ROCKS FOUND IN THE TRENCH FOR A DEPTH OF TWENTY (20) INCHES BELOW THE BOTTOM OF THE PIPE AND TAMP SELECT FILL BEDDING PROVIDED. AFTER THE PIPE HAS BEEN PLACED IN THE TRENCH, BACKFILL THE TRENCH WITH SELECT MATERIAL THOROUGHLY COMPACT TO 90% (95% UNDER PAVEMENT OR CONCRETE SLAB) OF THE STANDARD PROCTOR (ASTM D-698) USING CARE TO DAMAGE THE PIPE. USE VDOT STANDARD B-BEDDING FOR STORM SEWER AND UB-1 FOR SANITARY SEWER AND WATER.
- PLACE BACKFILL FOR ALL WATER AND SEWER UTILITIES IN ACCORDANCE WITH THE TOWN OF VINTON'S SPECIFICATIONS, AND THE FOLLOWING CRITERIA: 1) BACKFILL NO TRENCH UNTIL INSPECTED BY THE TOWN OF VINTON. MATERIALS USED FOR BACKFILL FROM THE BOTTOM OF THE TRENCH TO TOP OF THE PIPE SHALL BE CRUSHER RUN, OR FINE GRADED EQUAL MATERIAL. THOROUGHLY AND BY MECHANICAL TAMPING THROUGHOUT COMPACT TO THE TRENCH TO INSURE A SUITABLE SLOPE. 2) CONTACT BACKFILL OF THE TRENCH TO INSURE A SUITABLE SLOPE IS ACCEPTABLE TO THE ROAD ENGINEER. IF THE MATERIAL TAKEN FROM THE DITCH IS NOT SUITABLE FOR BACKFILLING, REMOVE IT AND USE AN ACCEPTABLE MATERIAL FOR BACKFILLING THE TRENCH.
- IN AREAS OF WATER LINE CONSTRUCTION, GRADES SHALL BE WITHIN SIX (6) INCHES OF FINAL GRADE PRIOR TO BEGINNING CONSTRUCTION.
- MINIMUM COVER OVER ALL WATER AND SANITARY SEWER LINES SHALL BE THREE (3) FEET.
- THE CONTRACTOR SHALL INSTALL ALL WATER SERVICE CONNECTIONS AND METER BOXES.
- CONNECT PIPE TO MANHOLES THROUGH PRE CAST OPENINGS AND JOIN WITH EITHER A FLEXIBLE BOOT ADAPTER OR A PIPE SEAL GASKET.
- MAKE RESIDENTIAL SERVICE CONNECTIONS WITH A FOUR (4) INCH PIPE THROUGH A WYE OR TEE-WYE BRANCH FITTING AND SHALL BE INSTALLED ON A MINIMUM GRADE OF ONE-QUARTER (1/4") INCH PER ONE (1) FOOT FROM THE SEWER PIPE OR MANHOLE TO THE PROPERTY OR EASEMENT LINE WHERE A CLEANOUT SHALL BE PLACED AND THE SERVICE LATERAL PLUGGED / CAPPED UNTIL EXTENSION.
- FIELD MARK FUTURE SERVICE CONNECTIONS BY A TREATED, SOLID WOODED (2"x4") 23. MARKER THREE (3) FEET LONG SET VERTICALLY PLUMB WITH THE END OF THE CAPPED EXTENSION. PAINT THE TOPS OF THE MARKERS YELLOW AND SET FLUSH WITH THE FINISHED GRADE. SHOW THE LOCATION AND INVERT DEPTH OF THE SERVICE CONNECTION ON THE AS-BUILT PLANS.
- FOR GUIDANCE ON INSTALLATION OF LATERAL SERVICE CONNECTIONS, USE SANITARY SEWER DETAIL DRAWINGS S-08 AND S-09, ON SHEET C-16.

STANDARD VIRGINIA DEPARTMENT
OF TRANSPORTATION NOTES

- QUALITY CONTROL SHALL BE GRADED AND PAVED IN ACCORDANCE WITH THE MOST CURRENT VERSIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE SPECIFICATIONS AND ROAD AND BRIDGE BRIDGE STANDARDS. ALL STRUCTURAL CONSTRUCTION SHALL CONFORM WITH THE MOST CURRENT VERSIONS OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE SPECIFICATIONS AND ROAD AND BRIDGE STANDARDS. ALL MATERIALS USED WITHIN A PROPOSED VDOT RIGHT OF WAY SHALL BE TESTED IN ACCORDANCE WITH STANDARD POLICIES. THE DEVELOPER MUST CONTACT THE OFFICE OF THE RESIDENT ENGINEER, PRIOR TO BEGINNING ANY CONSTRUCTION TO OBTAIN THE INSPECTION AND TESTING PROCEDURES. THE DEVELOPER SHALL PROVIDE TEST REPORTS, AT THE DEVELOPER'S EXPENSE, FROM INDEPENDENT LABORATORIES. THE RESIDENT ENGINEER MUST APPROVE ALL INDEPENDENT LABORATORIES.
- UTILITIES**
ALL NECESSARY UTILITY LATERALS ALONG WITH PROVISIONS FOR CONDUIT (i.e. WATER, SEWER, STORM, GAS AND TELEPHONE) SHALL BE CONSTRUCTED PRIOR TO PLACEMENT OF THE BASE MATERIAL.
- GAS OR PETROLEUM TRANSMISSION LINES WILL NOT BE PERMITTED WITHIN THE PAVEMENT (BACK OF CURB TO BACK OF CURB) OR THE SHOULDER. LATERALS CROSSING THE PAVEMENT, PAVEMENT AND PIPE LINES SHALL CONFORM WITH ASA B 31.8 SPECIFICATIONS AND SAFETY REGULATIONS. DISTRIBUTION LINES WITH PRESSURES LESS THAN 120 psi ARE UNAFFECTED BY THE ABOVE.
- PERMITS ARE REQUIRED FOR ANY UTILITIES WITHIN THE PROPOSED STREET RIGHT OF WAY PRIOR TO ACCEPTANCE OF THE STREET INTO THE SECONDARY HIGHWAY SYSTEM. HOWEVER, ANY RIGHT, TITLE, ETC) IN PROPOSED STREETS MUST BE RELEASED PRIOR TO ACCEPTANCE OF THE STREET INTO THE SECONDARY SYSTEM.
- DRIVEWAYS**
PERMITS SHALL BE REQUIRED FOR ALL PRIVATE ENTRANCES CONSTRUCTED ON THESE STREET RIGHT-OF-WAY AFTER ACCEPTANCE OF THESE STREETS INTO THE SECONDARY HIGHWAY SYSTEM.
- ALL PRIVATE ENTRANCES WITHIN THE RIGHT-OF-WAY SHALL NOT EXCEED EIGHT PERCENT (8%) MAXIMUM GRADE.
- PARKING REQUIREMENTS FOR THE LOTS CREATED HEREON SHALL CONFORM TO THE COUNTY OF ROANOKE ZONING ORDINANCE AS SPECIFIED IN SECTION 15.1. THIS SECTION STATES THAT FOR EACH SINGLE FAMILY DWELLING, TWO (2) OFF-STREET SPACES SHALL BE PROVIDED.
- 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 NUISANCE TO SURROUNDING AREAS.
- THE ENTIRE CONSTRUCTION AREA INCLUDING DITCHES, CHANNELS, BACK OF CURBS AND/OR PAVEMENT IS TO BE BACKFILLED AND SEEDED AT THE EARLIEST POSSIBLE TIME AFTER FINAL GRADING.
- THE ROAD WILL BE REVIEWED DURING CONSTRUCTION FOR THE NEED OF PAVED DITCHES. IF EROSION IS ENCOUNTERED IN ANY DRAINAGE EASEMENT, IT WILL BE THE RESPONSIBILITY OF THE DEVELOPER TO SOD, RIP RAP, GROUT, PAVE OR AS DIRECTED BY THE RESIDENT ENGINEER TO CORRECT THE PROBLEM.
- ALL VEGETATION AND OVBURDEN SHALL BE REMOVED FROM SHOULDER TO SHOULDER PRIOR TO CONDITIONING (CUTTING AND/OR PREPARATION) OF THE SUB-GRADE.
- CONNECTIONS TO STATE MAINTAINED ROADS**
WHILE THE ROAD IS BEING IMPROVED, SUCH APPROVAL DOES NOT EXEMPT CONNECTIONS WITHIN THE STATE-MAINTAINED ROADS FROM CRITICAL REVIEW DURING THE LIFETIME OF THE PERMIT. FIELD REVISIONS TO THE PERMIT SHALL BE MADE AS NEEDED IN ORDER TO ACCOMMODATE THE PREVAILING CONDITIONS AND TO ACCOMMODATE SAFETY ACCOMPANIMENTS SUCH AS TURNING LANES.
- INSPECTION**
CONTRACTOR WILL NOT BE FURNISHED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION 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 DEPARTMENT OF TRANSPORTATION.
- STREET MAINTENANCE**
THE STREETS MUST BE PROPERLY MAINTAINED UNTIL ACCEPTANCE. WHEN ALL REQUIREMENTS HAVE BEEN MET FOR ACCEPTANCE, A FINAL INSPECTION WILL BE MADE TO DETERMINE THAT THE STREET HAS BEEN PROPERLY MAINTAINED.
- UNDERGROUND UTILITIES**
CONTRACTOR SHALL VERIFY BY CONTACTING "MISS UTILITY" AND THE TOWN OF VINTON PUBLIC WORKS THE LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT THE SITE ENGINEER IMMEDIATELY IF LOCATIONS OR ELEVATIONS IS DIFFERENT FROM THAT SHOWN ON THE PLANS. IF THERE APPEARS TO BE A CONFLICT, OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THE PLAN, CALL "MISS UTILITY" AND/OR THE TOWN OF VINTON PUBLIC WORKS.
- REVISIONS OF SPECIFICATIONS AND STANDARDS
APPROVAL OF THESE PLANS IS BASED ON THE ROAD AND BRIDGE SPECIFICATIONS AND STANDARDS IN EFFECT AT THE TIME OF APPROVAL. HOWEVER, UNTIL COMPLETION OF THE ROADWAY AND ACCEPTANCE BY THE DEPARTMENT, THIS DEVELOPMENT IS SUBJECT TO ALL FUTURE REVISIONS OF THE ROAD AND BRIDGE SPECIFICATIONS AND STANDARDS.
- TRAFFIC CONTROL DEVICES**
THE DEVELOPER SHALL BE RESPONSIBLE FOR INSTALLATION OF ALL TRAFFIC CONTROL DEVICES, STOP SIGNS, YIELD SIGNS, SPEED LIMIT SIGNS, PAVEMENT STRIPING, ETC., REQUIRED BY THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THE DEVELOPER SHALL BE RESPONSIBLE OF REINSTALLING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES INCLUDING A PART OF THIS DEVELOPMENT UNTIL THE STREETS ARE OPENED TO THE SECONDARY SYSTEM. ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE "MUTCD".
- GUARDRAIL**
STANDARD GUARDRAIL WITH SAFETY END SECTIONS MAY BE REQUIRED ON FILLS AS DEEMED NECESSARY BY THE STAFF ENGINEER. AFTER COMPLETION OF ROUGH GRADING, THE OFFICE OF THE STAFF ENGINEER SHALL BE NOTIFIED TO INSPECT THE GUARDRAIL. THE PROPOSED LOCATION OF GUARDRAILS SHALL BE INSTALLED TO THE SHOULDER WIDTH SHALL BE IN COMPLIANCE WITH THE ROAD AND BRIDGE STANDARDS AND THE VDOT ROAD AND BRIDGE SPECIFICATIONS.
- STORM DRAINAGE**
INSTALLATION OF ALL STORM PIPES/CULVERTS LOCATED WITHIN VDOT RIGHT-OF-WAY AND EASEMENTS SHALL CONFORM TO THE 2001 VDOT ROAD AND BRIDGE STANDARDS. ALL STORM PIPE SHALL BE CLASS III REINFORCED CONCRETE (RCP) UNLESS OTHERWISE NOTED.
- STEPS ARE REQUIRED IN STRUCTURES EXCEEDING 4.0' IN DEPTH (VDOT STD. 106.09) AND SAFETY SLABS ARE REQUIRED IN STRUCTURES EXCEEDING 12.0' IN DEPTH (VDOT STD. 106.14).
- INLET SHAPING FOR THOSE STRUCTURES IDENTIFIED ON THE STORM DRAINAGE PROFILES MUST CONFORM TO VDOT STANDARD 106.08 IS-1, INLET SHAPING.
- FIELD CHANGES
ALL CHANGES, FIELD OR OTHERWISE, TO THE APPROVED PLANS MUST BE APPROVED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION.
- ANY DEVIATIONS BETWEEN THE APPROVED PROPOSED CONTOURS AND THE AS-BUILT CONDITIONS OR ANY OTHER GRAPHIC INFORMATION FROM THE APPROVED PLANS MAY REQUIRE ADDITIONAL DRAINAGE STRUCTURES AND EASEMENTS.

GENERAL NOTES

PROVIDE NEW MATERIALS AND WORKMANSHIP IN CONFORMANCE WITH ALL APPLICABLE CODES, STATE AND FEDERAL LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, AND OTHER CRITERIA WHICH WOULD NORMALLY APPLY TO WORK OF THIS NATURE. NOTES ARE NOT NECESSARILY LIMITED TO, THE FOLLOWING:

- BOCA - BASIC CODES
- ROANOKE COUNTY
- VDOT - VIRGINIA DEPARTMENT OF TRANSPORTATION
- IRVING - BRIDGE STANDARDS AND SPECIFICATIONS
- VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS AND HANDBOOK
- OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- ASTM - AMERICAN SOCIETY FOR TESTING AND MATERIALS
- f. WWA - WESTERN VIRGINIA WATER AUTHORITY
- g. TOWN OF VINTON PUBLIC WORKS

MAINTAIN A SET OF APPROVED PLANS ON SITE AT ALL TIMES DURING CONSTRUCTION. OBTAIN EACH REQUIRED PERMIT PRIOR TO COMMENCING THAT PART OF THE WORK. PAY REQUIRED FEES.

NOTIFY THE ENGINEER IMMEDIATELY UPON DISCOVERY OF CONDITIONS WHICH DIFFER FROM THOSE SHOWN ON THE PLANS.

COMPLY WITH LOCAL ORDINANCES FOR BURNING OF WASTE. TRANSPORT WASTE MATERIALS AND UNSUITABLE MATERIALS FROM OWNER'S PROPERTY.

COORDINATE BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS.

A PRECONSTRUCTION MEETING MUST TAKE PLACE PRIOR TO COMMENCING WORK. AS A MINIMUM, THE CONTRACTOR, OWNER'S AGENT AND COUNTY'S AGENT MUST ATTEND.

VERIFY THE LOCATION AND ELEVATION OF EACH EXISTING UNDERGROUND UTILITY IN THE PROJECT AREA PRIOR TO COMMENCEMENT OF WORK. CONTACT THE ENGINEER IMMEDIATELY IF THERE APPEARS TO BE A CONFLICT, UPON DISCOVERY OF A UTILITY WHICH IS NOT SHOWN, AND UPON DISCOVERY OF A LOCATION OR ELEVATION WHICH DIFFERS FROM THAT SHOWN. TO LOCATE UTILITIES, CALL "MISS UTILITY", 1-800-552-7001. UTILITY LOCATIONS SHOWN ARE THE RESULT OF A COMBINATION OF FIELD LOCATION AND EXISTING INFORMATION. LOCATIONS ARE APPROXIMATE.

REPAIR ALL DAMAGE TO ANY UTILITY, PUBLIC OR PRIVATE, CAUSED AS A RESULT OF CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO OWNER.

NOTIFY OWNERS OF UTILITIES IN AREAS OF CONSTRUCTION PRIOR TO COMMENCEMENT OF EXCAVATION.

SIGNAGE SHALL COMPLY WITH THE APPLICABLE REGULATIONS OF THE COUNTY OF ROANOKE ZONING ORDINANCE, SECTION 30-93. A SEPARATE PERMIT IS REQUIRED.

ANY SITE DEVELOPMENT OUTSIDE OF THE SCOPE OF THIS PLAN WILL REQUIRE SITE PLAN REVIEW.

ADDITIONAL DRAINAGE STRUCTURES AND EASEMENTS MAY BE REQUIRED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION DUE TO AND DEVIATION BETWEEN THE APPROVED PROPOSED CONTOURS AND THE AS-BUILT CONDITIONS OR ANY OTHER TOPOGRAPHIC CHANGES.

ENGINEERS' NOTES

BALZER AND ASSOCIATES, INC. ASSUMES NO RESPONSIBILITY FOR ADEQUACY OF PLANS REQUIRED PUBLIC AGENCIES.

ANY WORK COMMENCED ON A PROJECT PRIOR TO PLAN APPROVAL IS AT SOLE RISK OF THE DEVELOPER.

BALZER AND ASSOCIATES, INC. WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE PLANS AND WILL NOT BE RESPONSIBLE FOR ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR THEIR AGENTS OR EMPLOYEES, OR OF ANY OTHER PERSONS PERFORMING PORTIONS OF THE WORK.

SOURCE OF TOPOGRAPHIC MAPPING IS ROANOKE COUNTY AERIAL MAPPING AND IS SUPPLEMENTED BY FIELD SURVEYS PROVIDED BY BALZER AND ASSOCIATES, INC.

MOUNTAIN VIEW
SUBDIVISION
CONSTRUCTION NOTES

ROANOKE COUNTY, VIRGINIA

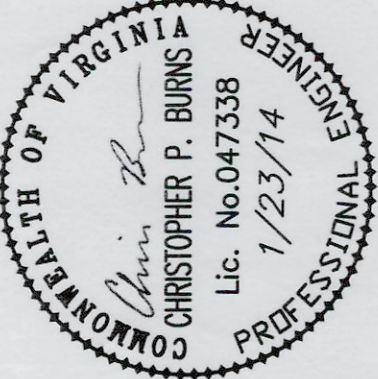
DRAWN BY: JVV
DESIGNED BY: JVV
CHECKED BY: SMH
DATE: 05/09/2006
REVISIONS:

10/09/06 - PER 1ST
REVIEW COMMENTS
02/21/07 - PER 3RD
REVIEW COMMENTS
01/23/2014

SCALE: 1"=30'
SHEET NO.

C-3
JOB NO.
R0600065.00

APPROVED



1208 Corporate Circle
Roanoke, Virginia 24018
Phone: 540/772-8880
FAX: 540/772-8880

301 Blackhawk Road
Richmond, Virginia 23236
Phone: 804/781-7171
FAX: 804/781-2825

893 Technology Park Drive
Suite 200
Virginia 22659
Phone: 804/553-0132
FAX: 804/553-0133

4440 Regency Park Way
Chesapeake, Virginia 23023
Phone: 540/381-4290
FAX: 540/381-4291

1887 Commerce Road
Suite 201
Roanoke, Virginia 24060
Phone: 540/248-3221
FAX: 540/248-3221