GENERAL WATERLINE & SANITARY SEWER NOTES:

- 1. THE CONTRACTOR SHALL PROVIDE AT LEAST 3 FEET MINIMUM COVER FOR PROPOSED WATER MAINS.
- 2. ALL WATER MAINS AND WATER LATERALS SHALL BE INSTALLED ABOVE DRAINAGE AND SANITARY SEWER LINES. THE CONTRACTOR SHALL MAINTAIN 18—INCH MINIMUM SEPARATION BETWEEN UTILITIES AT ALL UTILITY CROSSINGS, EXCEPT WHERE NOTED. REFERENCE IS DIRECTED TO PROFILES FOR VERTICAL SEPARATION AT UTILITY CROSSINGS.
- 3. WHERE A MINIMUM OF 18-INCH SEPARATION CAN NOT BE MAINTAINED FOR WATER MAINS, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 6-INCH SEPARATION AND PROVIDE CONCRETE PIERS FOR EACH UTILITY. REFER TO "WESTERN VIRGINIA WATER AUTHORITY" DETAIL ATTACHED.
- 4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 10 FEET HORIZONTAL SEPARATION BETWEEN WATER AND SEWER MAINS SEPARATION SHOWN ON
- 5. THE CONTRACTOR SHALL INSTALL ALL WATERLINES IN ACCORDANCE WITH THE "WESTERN VIRGINIA WATER REGIONAL DESIGN AND CONSTRUCTION STANDARDS 2014". SELECT DETAILS ARE INCLUDED WITH THESE PLANS.
- 6. THE CONTRACTOR SHALL COORDINATE THE CONNECTION TO THE EXISTING WATERLINES WITH THE WESTERN VIRGINIA WATER AUTHORITY. THE CONTRACTOR SHALL PROVIDE AT LEAST THREE (3) DAYS NOTICE PRIOR TO CONNECTION.
- 7. THE CONTRACTOR SHALL INSTALL ALL SANITARY SEWER LINES IN ACCORDANCE WITH THE "2014 WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS". SELECT DETAILS ARE INCLUDED WITH THESE
- 8. CONTRACTOR SHALL REFER TO THE 2014 WESTERN VIRGINIA REGIONAL DESIGN AND CONSTRUCTION STANDARDS, RECENTLY ADOPTED.

10

GRAPHIC SCALE

9

Ø

6

SWM

- MAKE ARRANGEMENTS, BEFORE INITIATING DEMOLITION, FOR RELOCATING, ABANDONING, OR SIMILAR ACTION AS MAY BE REQUIRED RELATIVE TO UTILITIES TO PERMIT WORK TO PROCEED WITHOUT DELAY. ARRANGEMENTS SHALL BE MADE IN ACCORDANCE WITH REGULATIONS OF AUTHORITIES OF UTILITIES MENTIONED, SUCH AS OVERHEAD AND UNDERGROUND ELECTRIC, TELEPHONE, GAS, WATER, ETC.
- 2) ENSURE SAFE PASSAGE OF PERSONS AROUND ALL AREAS OF DEMOLITION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT BUILDINGS, STRUCTURES, OTHER FACILITIES, OR INJURY TO PERSONS.
- 3) PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS AT NO COSTS TO THE OWNER(S).
- 4) MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS, PREVENT INTERRUPTION OF SERVICES. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES AS ACCEPTABLE TO GOVERNING AUTHORITIES.
- 5) USE WATER SPRINKLING AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT POLLUTION TO THE LOWEST PRACTICAL LEVEL.
- 6) COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- 7) RETURN ADJACENT AREAS TO EXISTING CONDITIONS PRIOR TO THE START OF WORK.
- 8) PERMITS, FEES, AND LICENSES SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR, INCLUDING DISPOSAL CHARGES AS REQUIRED.
- 9) ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITIES IN DEMOLITION OF EXISTING PAVEMENT, CONCRETE, CURB, AND OTHER STRUCTURES AS MAY BE REQUIRED.
- 10) THE SITE SHALL BE CLEARED AND SELECTED ITEMS REMOVED AS SHOWN WITHIN THE LIMITS OF DISTURBANCE. ALL DEBRIS SHALL BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL SAW-CUT CURB, PAVEMENT, ETC. AT ALL PLACES WHERE NEW CONSTRUCTION JOINS THE EXISTING.
- 11) EXISTING WATER AND SEWER SERVICE TO REMAIN. THE LOCATION OF THE SERVICE LINE IS UNKNOWN.

GENERAL DEMOLITION NOTES 1) THE CONTRACTOR SHALL PROVIDE AT LEAST THE FOLLOWING PROTECTIONS AT THE JOB SITE:

1. IN AREAS WHERE NEW PAVEMENT JOINS EXISTING, THE CONTRACTOR SHALL PROVIDE A NEAT, VERTICAL SAW CUT ALONG THE EXISTING EDGE OF PAVEMENT, AND PREPARE THE EDGE WITH TACK COAT PRIOR TO PLACEMENT OF NEW MATERIAL. THE SAW CUT SHALL BE A MINIMUM OF 2-FEET WIDE. THE SAW CUT SHALL BE THE FULL DEPTH OF PAVEMENT. NEW PAVEMENT TO JOIN EXISTING SAW CUT WITH EITHER VDOT STANDARD PAVEMENT SECTION OR EXISTING PAVEMENT SECTION, WHICHEVER IS GREATER.

SITE SPECIFIC DEMOLITION NOTES

- 2. IN AREAS OF DISTURBANCE, THE CONTRACTOR SHALL CLEAR AND GRUBB TOPSOIL AND STOCKPILE IN THE GENERAL LOCATION AS SHOWN ON THE PLAN. THE CONTRACTOR SHALL PROVIDE ADEQUATE EROSION AND SEDIMENT CONTROL MEASURES AROUND THE STOCKPILE. THE CONTRACTOR SHALL MIX AND SPREAD TOPSOIL AT THE COMPLETION OF THE PROJECT.
- 3. THE CONTRACTOR SHALL PROTECT EXISTING OVERHEAD UTILITY LINES AND POLES ALONG BARRENS
- 4. THE CONTRACTOR SHALL REMOVE EXISTING TREES IN AREAS OF UTILITY INSTALLATION AND/OR GRADING AS NECESSARY TO COMPLETE THE PROJECT. ALL REMOVED TREES SHALL BE DISPOSED OFF—SITE.

PHASING / GENERAL SEQUENCE OF CONSTRUCTION:

- 1. THE SUBDIVISION WILL BE COMPLETED IN TWO SECTIONS. THE CONTRACTOR SHALL INSTALL ALL INITIAL ESC MEASURES AS SHOWN ON THE SECTION 1 EX. CONDITIONS, DEMO, & INITIAL ESC PLAN. ONCE PERIMETER MEASURES ARE INSTALLED, CONTRACTOR SHALL INSTALL THE PORTIONS OF SANITARY SEWER LINE SHOWN ON "SECTION 1 EXISTING CONDITIONS, DEMO & INITIAL ESC PLAN", THEN INSTALL THE "SWM POND OUTLET PIPE" (STRUCTURE 1, PIPE 2, AND STRUCTURE 3) AS NOTED IN "SEDIMENT BASIN" SCHEMATICS" ON "SEDIMENT BASIN SWM POND DETAILS" PRIOR TO ANY OTHER DISTURBANCE. THE OUTLET PIPE IS TO BE USED FOR SEDIMENT BASIN OUTLET AND LATER CONVERTED TO A SWM POND. OUTLET PROTECTION AT STRUCTURE 1 SHALL BE INSTALLED AS PART OF THE INSTALLATION. ONCE INSTALLED, CONTRACTOR MAY REMOVE BUILDINGS AND PAVEMENT IN AREA OF SEDIMENT BASIN AND GRADE TO CONSTRUCT SEDIMENT BASIN. NOTES ARE INCLUDED ON THE PROFILE TO DEPICT THE ITEMS TO BE CONSTRUCTED AS PART OF THE SEDIMENT BASIN. THE CONTRACTOR SHALL ALSO CONSTRUCT THE SEDIMENT TRAP AS SHOWN. THE CONTRACTOR SHALL STABILIZE AREAS IN ACCORDANCE WITH THE MINIMUM STANDARDS 1 THROUGH 19 AS IDENTIFIED ON "FROSION CONTROL NARRATIVE & DETAILS.
- 2. ONCE THE INITIAL ESC MEASURES FOR SECTION 1 ARE INSTALLED, THE CONTRACTOR SHALL INSTALL SANITARY SEWER LINES FROM "SSMH B" AS SHOWN ON THE SECTION 1 PLANS. CONTRACTOR SHALL NOTE THAT SANITARY SEWER LINE IS THE LOWEST LINE TO BE INSTALLED. CONTRACTOR MAY CHOOSE TO INSTALL ALL SANITARY SEWER AT THIS TIME IF DESIRED.
- 3. CONTRACTOR MAY BEGIN CONSTRUCTION FOR SECTION 1 LOTS AND PERFORM NECESSARY GRADING OPERATIONS TO DIRECT RUNOFF TO THE SEDIMENT BASIN.
- 4. ONCE SECTION 1 IS COMPLETE, CONTRACTOR MAY BEGIN SECTION 2. CONTRACTOR SHALL INSTALL THE INITIAL ESC MEASURES AS SHOWN ONT HE SECTION 2 EX. CONDITIONS, DEMO, & INITIAL ESC PLAN.
- 5. CONTRACTOR SHALL INSTALL THE REST OF THE SANITARY SEWER LINES AND MANHOLES AS SHOWN ON SECTION 2 GRADING AND ESC PLAN. SANITARY SEWER SHALL BE INSTALLED PRIOR TO ANY STORM PIPE CROSSING AS IT IS THE LOWEST LINE TO BE INSTALLED.
- 6. CONTRACTOR SHALL PERFORM GRADING AS NECESSARY TO INSTALL PLANNED STORM SEWER SYSTEM AS SHOWN ON THE PLANS. AS NEW DRAINAGE STRUCTURES ARE INSTALLED, THE CONTRACTOR SHALL IMMEDIATELY INSTALL INLET PROTECTIONS AS SHOWN ON THE PLANS, AS WELL AS CULVERT INLET PROTECTION ONCE FLARED END SECTIONS ARE INSTALLED, AND OUTLET PROTECTION, PRIOR TO FLOW BEING INTRODUCED INTO THE STORM SYSTEM. ALL RUNOFF MUST BE FILTERED PRIOR TO ENTERING THE STORM SEWER SYSTEM.
- 7. THE CONTRACTOR MAY THEN INSTALL WATER LINES AND PRIVATE STORM CHANNELS THEIR DISCRETION. THE CONTRACTOR SHALL ALWAYS INSTALL SANITARY SEWER LINE PRIOR TO STORM SEWER LINE AT ALL CROSSINGS.
- 8. SITE GRADING MAY OCCUR ONCE SECTION 2 INITIAL ESC MEASURES ARE IN PLACE AND "ROADWAY" STORM SYSTEM IS IN PLACE. THE CONTRACTOR SHALL PROOF ROLL THE EXISTING SUBGRADE PRIOR TO INSTALLING THE STONE SECTION FOR LEIGHBRUN DRIVE, PERFORM REQUIRED CBR TESTING & PROVIDE RESULTS TO VDOT AND ENGINEER. ROAD SECTION IS BASED ON A CBR OF 7. IF RESULTS ARE LOWER, ROAD SECTION MAY REQUIRE REVISION.
- 9. AS CURB SECTION IS INSTALLED, THE CONTRACTOR SHALL BACKFILL AND STABILIZE THE BACKFILL TO PROVIDE POSITIVE DRAINAGE FROM THE AREA BEHIND THE CURB.
- 10. A PRIVATE CHANNEL SHALL BE INSTALLED FOR THE FULL LENGTH AND DIRECTED TO THE ASSIGNED COLLECTION POINT PRIOR TO ANY HOUSE IN THE VICINITY OF THE CHANNEL TAKING OCCUPANCY. NOT ALL CHANNELS ARE REQUIRED TO BE INSTALLED FOR OCCUPANCY OF A SINGLE HOUSE, ONLY THE CHANNEL THAT CROSSES THE OCCUPIED LOT.
- 11. CONTRACTOR TO CONVERT SEDIMENT BASIN TO STORMWATER MANAGEMENT POND AS NOTED ON "SEDIMENT BASING SWM POND DETAILS". CONVERSION TIME IS SPECIFIED IN NOTES ON REFERENCED PAGE.

 12. TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, & BLANKET MATTING TO BE INSTALLED TO
- STABILIZE DISTURBED AREAS IN ACCORDANCE WITH THE MINIMUM STANDARDS TIMEFRAME.

 13. ONCE STABILIZED, CONTRACTOR SHALL REMOVE ITEMS SUCH AS CONSTRUCTION ENTRANCE, SILT FENCE, ETC AND RESTORE AREA TO PLANNED OR ADJACENT GRADES.

PLAN REVISION #1 10/15/2014 - ADD PHASES

Section 1 (LIM1)
Lot 1
Lot 26-30

Section 2 (21M2)
Lots 2-25
Lot for SWM Pond

VDOT NOTES

STREETS TO BE GRADED, PAVED, AND ALL STRUCTURAL COMPONENTS ERECTED IN ACCORDANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE SPECIFICATIONS AND TESTED IN ACCORDANCE WITH STANDARD POLICIES. THE DEVELOPER MUST CONTACT THE OFFICE OF THE RESIDENT ENGINEER PRIOR TO BEGINNING ANY CONSTRUCTION, AT WHICH TIME AN INSPECTION AND TESTING PROCEDURE POLICY WILL BE DRAWN. THE DEVELOPER MAY PRODUCE TEST REPORTS FROM APPROVED INDEPENDENT LABORATORIES OR SOLICIT TESTING BY VDOT. IN EITHER EVENT, IT SHALL BE AT THE DEVELOPER'S EXPENSE.

THE PAVEMENT DESIGNS SHOWN ARE BASED ON A SUBGRADE RATING OF CBR 7 OR GREATER. THE SUBGRADE SOIL IS TO BE TESTED BY AN INDEPENDENT LABORATORY AND THE RESULTS SUBMITTED TO THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO PAVEMENT CONSTRUCTION. SHOULD THE SUBGRADE CBR VALUES BE LESS THAN CBR 7, THEN ADDITIONAL BASE MATERIAL SHALL BE REQUIRED.

ALL NECESSARY UTILITY LATERALS WILL BE PLACED PRIOR TO PAVEMENT SURFACING, OR CONDUIT PROVISIONS BE MADE FOR THE SAME (i.e. WATER, SEWER, GAS AND TELEPHONE.)

GAS OR PETROLEUM TRANSMISSION LINES WILL NOT BE PERMITTED WITHIN THE PAVEMENT (4' BACK OF CURB TO BACK OF CURB EITHER SIDE) OR THE SHOULDER ELEMENT OF THIS DEVELOPMENT. SERVICE LATERAL CROSSING, AND PIPE LINES LOCATED OUTSIDE THE PAVEMENT, BUT 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 STREET RIGHT OF WAY PRIOR TO ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM.

STANDARD CG-9D GUTTER WILL BE PROVIDED AT ALL ENTRANCES TO PRIVATE LOTS WHERE STANDARD CG-6 CURB AND GUTTER IS APPROVED FOR USE.

PERMITS WILL BE REQUIRED FOR ALL PRIVATE ENTRANCES CONSTRUCTED ON STREET RIGHT OF WAYS PRIOR TO ACCEPTANCE INTO THE SECONDARY HIGHWAY SYSTEM.

CARE MUST 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 BACK OF CURBS, AND/OR PAVEMENT IS TO BE BACK-FILLED AND SEEDED TOGETHER WITH DITCHES AND CHANNELS, AT THE EARLIEST POSSIBLE TIME FOLLOWING FINAL GRADING.

DRAINAGE EASEMENTS MUST BE DEFINED BY EXCAVATED DITCHES OR CHANNELS FOR THEIR FULL LENGTH TO WELL-DEFINED NATURAL WATERCOURSES.

THIS ROAD WILL BE REVIEWED DURING CONSTRUCTION FOR THE NEED AND LIMITS OF PAVED GUTTERS. IF EROSION IS ENCOUNTERED IN ANY DRAINAGE EASEMENT, IT WILL BE THE RESPONSIBILITY OF THE DEVELOPER TO SOD, RIP—RAP, GROUT, PAVE, OR TO DO WHATEVER IS NECESSARY TO CORRECT THE PROBLEM.

MINIMUM PAVEMENT RADIUS 25 FEET REQUIRED AT ALL STREET INTERSECTIONS.

VDOT WILL NOT BE RESPONSIBLE FOR REPAIR OF POND OR STORMWATER MANAGEMENT STRUCTURES.

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. THIS IS NECESSARY IN ORDER THAT THE PREVAILING CONDITIONS ARE TAKEN INTO CONSIDERATION REGARDING SAFETY REQUIREMENTS. ADDITIONAL SAFETY ACCOMPANIMENTS SUCH AS TURNING LANES MAY OR MAY NOT BE REQUIRED. VDOT APPROVAL OF SUBDIVISION ROAD PLANS DOES NOT PRECLUDE THE RIGHT TO ADD ADDITIONAL FACILITIES SUCH AS SEEDING, PAVING, SEDIMENT CONTROL ITEMS, etc., AS MAY BE DEEMED NECESSARY BY THE DEPARTMENT PRIOR TO THE ACCEPTANCE OF SUCH ROADS IN ORDER TO LIMIT SILTATION AND POLLUTION OF NEARBY LAKES, STREAMS, AND ADJACENT PROPERTY.

THE DEPARTMENT'S APPROVAL OF THESE PLANS EXPIRES THREE (3) YEARS FROM DATA APPROVAL.

ADDITIONAL GENERAL NOTES

- 1. THE MINIMUM REQUIRED DENSITY FOR ALL COMPACTION SHALL BE 95 PERCENT OF MAXIMUM DRY DENSITY WITH A MOISTURE CONTENT WITHIN ±2 PERCENT OF THE OPTIMUM. IT IS CONTRACTOR'S RESPONSIBILITY TO VERIFY COMPACTED FILL IS SUITABLE FOR BUILDING CONSTRUCTION.
- 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET COMPLIANCE REQUIREMENTS WITH SECTION 59.1-406, ET SEQ. OF THE CODE OF VIRGINIA (OVERHEAD HIGH VOLTAGE LINES SAFETY ACT).
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS BEFORE
- BEGINNING CONSTRUCTION.

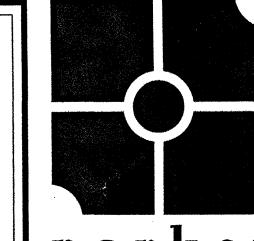
 4. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT THE JOB SITE.

 5. VDOT STANDARD HR -1 HANDRAIL IS REQUIRED ON ALL WALLS EXCEEDING 4.0' IN HEIGHT.
- VDOT STANDARD HR -1 HANDRAIL IS REQUIRED ON ALL WALLS EXCEEDING 4.0' IN HEIGHT.
 LOCATION OF UNDERGROUND UTILITIES IS BASED ON FIELD SURVEYS, AND AS SHOWN BY
 AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO
 CONSTRUCTION.
- 7. THE SITE WORK AND LANDSCAPING CONTRACTOR(S) SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES, BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA UNIFORM CODING SYSTEM CONTAINED IN THE VIRGINIA SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION, FOR DETAILS AND SPECIFICATIONS OF EROSION CONTROL ITEMS SHOWN ON THESE PLANS.
- 8. ALL STORM DRAIN CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
- 9. UNLESS SHOWN AND SPECIFIED OTHERWISE, METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH VDOT ROAD AND BRIDGE STANDARDS LATEST EDITION.
- 10. CONTRACTOR SHALL COORDINATE INSTALLATION OF PERMANENT ELECTRICAL SERVICE, TELEPHONE
- SERVICE, GAS AND CABLE TV. THESE UTILITY LINES SHALL BE UNDERGROUND.

 11. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF ANY UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES. VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING
- 12. OWNER RESPONSIBLE FOR OBTAINING PERMISSION FOR ANY OFFSITE GRADING, EROSION AND SEDIMENT CONTROL MEASURES, AND CONSTRUCTION.
- 13. RIGHTS-OF-WAY, LOT LINES, AND EASEMENTS ARE DEDICATED ON PLATS SEPARATE FROM THESE PLANS.
- 14. UTILITIES SHOWN HEREIN ARE BASED ON AVAILABLE ABOVE GROUND STRUCTURES (VALVES, MANHOLES, ETC.) AND EXISTING MAPPING.
- 15. PROPOSED SIGNAGE SHALL BE PERMITTED SEPARATELY IN ACCORDANCE WITH ROANOKE COUNTY REGULATIONS.

GRADING NOTES

- THE CONTRACTOR SHALL REVIEW THE EROSION & SEDIMENT CONTROL NARRATIVE AND PLAN SHEETS FOR PHASING OF EROSION & SEDIMENT CONTROL MEASURES. THE CONTRACTOR SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK FOR DETAILS AND SPECIFICATIONS OF THOSE EROSION CONTROL ITEMS FOUND ON THESE DRAWINGS.
- 2. THE CONTRACTOR SHALL PROVIDE ALL SITE GRADING, GENERAL EXCAVATION, UTILITY TRENCHING & BACKFILLING, AND FINISH GRADING AS INDICATED ON THE DRAWINGS. WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS. ALL FILLS AND BACKFILLS SHALL BE UNIFORMLY COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES.
- 3. A DEQ VSMP PERMIT IS REQUIRED FOR THIS PROJECT. A COPY OF THE DEQ PERMIT, AMENDED STORMWATER POLLUTION PREVENTION PLAN, AND MAINTENANCE LOG SHALL BE KEPT ON SITE AND AVAILABLE FOR REVIEW AS REQUESTED. THE SITE IS DESIGNED TO TECHNICAL CRITERIA OF "110"
- 4. ALL EARTH SLOPES AND DENUDED AREAS SHALL BE SEEDED AND MULCHED AS REQUIRED FOR STABILIZATION WITHIN SEVEN (7) DAYS OF COMPLETION OF EXCAVATION OPERATIONS. REFERENCE IS DIRECTED TO THE SEEDING REQUIREMENTS.



Parker

DESIGN GROUP

ENGINEERS • SURVEYORS • PLANNERS • LANDSCAPE ARCHITECTS

816 Boulevard Salem, VA 24153 Richmond, VA 23220 Ph: 540-387-1153 Phone: 804-358-2947 Fax: 540-389-5767 Fax: 804-359-9645 www.parkerdg.com

These documents are the property of Parker Design Group(PDG) and may not be reproduced or used without the express permission of PDG. Any reuse of these documents without authorization of PDG will be a the sole risk of the individual or entity utilizing said documents.



LAND SOUTH SUBDIVISION Section 2 Ollins Magisterial District Roanoke County, Virginia

REVISIONS:

 $\mathbf{\omega}$

 Revisions Per Review Comment PJB June 13, 201 Phasing Pla October 15, 201
PJB June 13, 201
Phasing Pla
October 15, 201

DESIGNED BY: DFG/PJB

DRAWN BY: DGF.

CHECKED BY: SLR

TE: 11 April 2014

NOTES

SHEET TITLE:

GENERAL

CO2
02 OF 20

PROJECT NUMBER:

13-0087-03