

## DEVICTORS

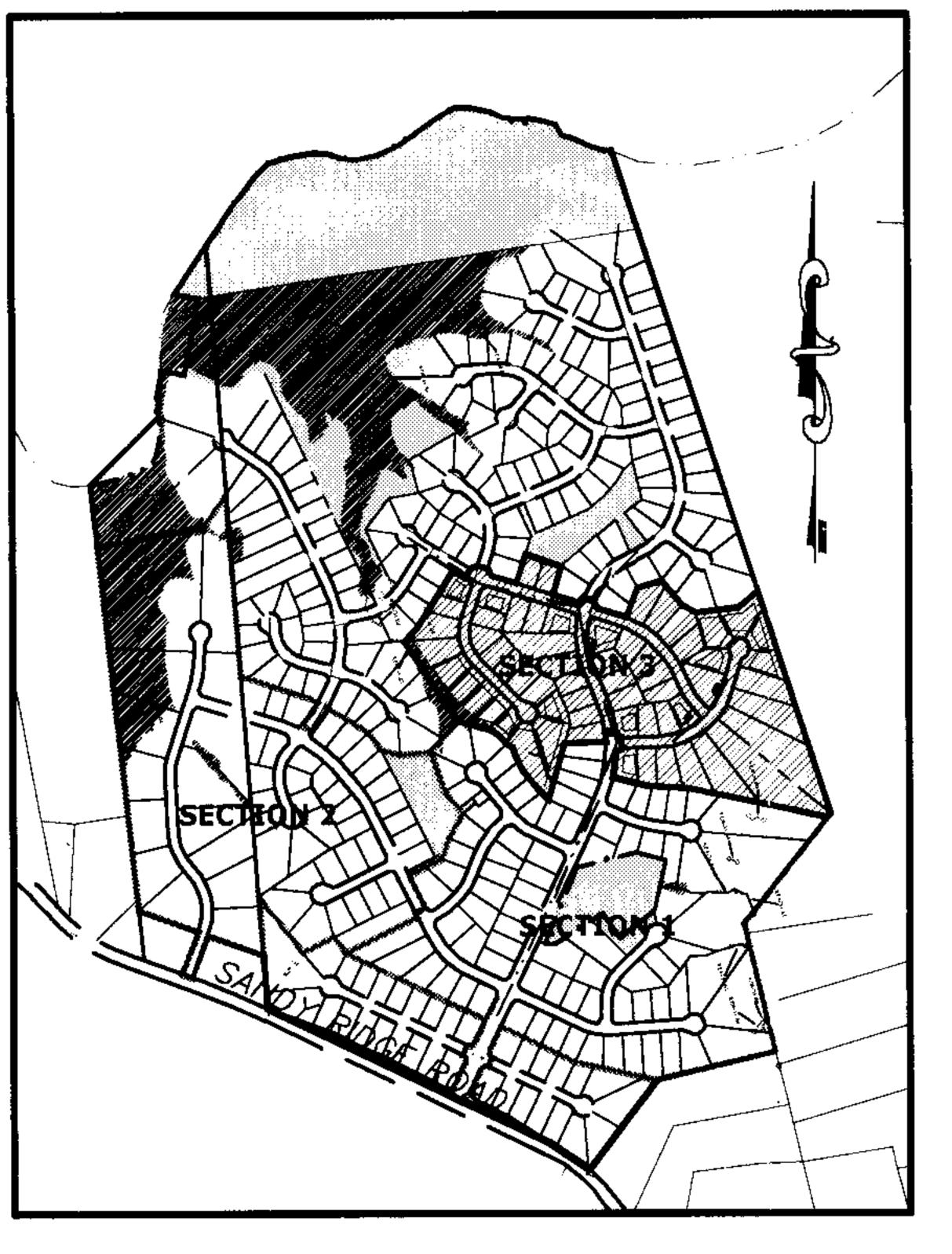
SINGLE SERVICE CONNECTION

DOUBLE SERVICE CONNECTION

DATE	SHEET NUMBERS	BY
26 NOV 2007	ALL	KNH
21 JAN 2008	C1.0, C1.1, C1.3-C3.3, C4.1	KNH

# THE MEADOWS AT PRINCE GEORGE

## SECTION 3 BLAND DISTRICT PRINCE GEORGE COUNTY, VIRGINIA



SCALE: 1"=1000'

OWNER/DEVELOPER JULY 31, 2007

TAX MAP: 130(0A)00-060-0

## VIRGINIA DEPARTMENT OF TRANSPORTATION PETERSBURG RESIDENCY

SUBDIVISION AND SITE CONSTRUCTION PLAN GENERAL NOTES			
2. 4. 5.	ALL MATERIALS AND CONSTRUCTION WITHIN THE PUBLIC RIGHT OF WAY SHALL BE IN ACCORDANCE WITH CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS, STANDARDS, CURRENT WORK AREA PROTECTION MANUAL, AND ALL APPLICABLE LOCATION AND DESIGN INSTRUCTIONAL AND INFORMATIONAL MEMORANDUMS.  LAND USE PERMITS (LUP—A) MUST BE OBTAINED FROM THE VIRGINIA DEPARTMENT OF TRANSPORTATION PRIOR TO BEGINNING ANY CONSTRUCTION WITHIN THE EXISTING STATE MAINTAINED RIGHT OF WAY (INCLUDING ACCESS).  VDOT IS TO RECEIVE WRITTEN NOTIFICATION 48 HOURS PRIOR TO COMMENCING WITH INITIAL CONSTRUCTION ACTIVITIES.  PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONSULT THE ENGINEER AND VERIFY THE APPROVAL OF THE PLANS BY ALL FEDERAL, STATE AND LOCAL AGENCIES.  PRELIMINARY DESIGN OF THE PAVEMENT STRUCTURE FOR ALL SUBDIVISION STREETS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE PAVEMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS IN VIRGINIA. THE COMPLETED DESIGN WORKSHEET APPENDIX IV SHALL BE INCLUDED WITH THE INITIAL PLAN SUBMITTAL FOR EACH PROPOSED PAVEMENT SECTION UTILIZING THE PREDICTED SOIL SUPPORT VALUE SHOWN IN APPENDIX I OF THE PAVEMENT DESIGN GUIDE.	18. 19. 20.	GENERALLY, PAVED ROADSIDE DITCHES ARE TO BE SPECIFIED WHEN VELOCITES EXCEED CURRENT VDOT DESIGN CRITERIA OR WHEN DITCH SLOPES ARE LESS THAN .75%. WHERE DITCH SLOPES EXCEED 5.0%, THE DEVELOPER MAY CHOOSE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES IN AN ATTEMPT TO ACHIEVE CHANNEL STABILIZATION WHILE ACKNOWLEDGING THAT ADDITIONAL PAVED DITCH LININGS MAY BE REQUIRED PRIOR TO ACCEPTANCE OF THE ROADS INTO THE SECONDARY SYSTEM OF STATE HIGHWAYS. PAVED ROADSIDE DITCHES SHALL CONFORM TO VDOT—PG—2A STANDARDS AND SPECIFICATIONS.  VDOT APPROVAL OF CONSTRUCTION PLANS DOES NOT PRECLUDE THE RIGHT TO REQUIRE ADDITIONAL FACILITIES AS DEEMED NECESSARY FOR ACCEPTANCE OF THE ROADS INTO THE VDOT SECONDARY ROAD SYSTEM.  VDOT APPROVAL OF SITE PLANS WILL EXPIRE FIVE (5) YEARS FROM THE DATE OF THE INITIAL APPROVAL. VDOT APPROVAL OF SUBDIVISION PLANS WILL EXPIRE THREE (3) YEARS FROM THE DATE OF THE INITIAL APPROVAL.  VDOT SHALL HAVE PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF THE AGGREGATE BASE COURSE(S). CONTACT VDOT, IN WRITING, FOR SUBGRADE INSPECTION 48 HOURS PRIOR TO SCHEDULING PLACEMENT OF AGGREGATE BASE COURSE(S). A PRIME COAT SEAL BETWEEN THE AGGREGATE BASE AND BITUMINOUS CONCRETE WILL BE REQUIRED AT A RATE OF 0.30 GALLONS PER SQUARE YARD (REC—250 PRIME COAT) PER VDOT STANDARDS AND SPECIFICATIONS.
6.	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.		THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE ROAD AND BRIDGE SPECIFICATIONS.
7. 8.	UPON DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUB GRADES, 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   &   LD-94 (D) 121.13.	24.	VDOT SHALL HAVE APPROVED ALL BASE COURSE(S) FOR DEPTH, TEMPLATE AND PERFORMED THE REQUIRED FIELD INSPECTION (VISUAL, PROOF ROLL, COMPACTION OR ANY ADDITIONAL AS DETERMINED BY VDOT INSPECTOR) PRIOR TO PLACEMENT OF ANY SURFACE COURSE(S). CONTACT VDOT, IN WRITING, FOR INSPECTION OF THE BASE COURSE(S) 48 HOURS TO APPLICATION OF THE SURFACE COURSE(S). AN ACTUAL COPY OF THE COMPLETE CBR REPORT IS TO BE SUBMITTED TO VDOT IN CONJUNCTION WITH FINAL PAVEMENT DESIGNS. ALL PAVEMENT DESIGN RECOMMENDATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE PAVEMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS IN VIRGINIA.
	ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH CURRENT VERSIONS OF LD-97 (D) 121. PIPE WITHIN THE RIGHT OF WAY SHALL BE A MINIMUM CL-III OR GREATER IN ACCORDANCE WITH CURRENT VDOT STANDARDS AND SPECIFICATIONS.		A LISENCED GEOTECHNICAL ENGINEER SHALL ASCERTAIN CAUSE AND CERTIFY RECOMMENDED METHOD OF REPAIR FOR ALL PAVEMENT STRUCTURA FAILURES PRIOR TO STATE ACCEPTANCE.
	ALL PRE-CAST UNITS SHALL BE VDOT APPROVED. CERTIFICATION AND VDOT STAMP WILL BE REQUIRED ON ALL UNITS. SHOP DRAWINGS, GEOTECHNICAL DATA AND SOIL BEARIN CAPACITY, AND PLAN VIEW SHALL BE SUBMITTED AS A PACKAGE FOR VDOT REVIEW AND APPROVAL.		ALL VEGETATION AND ORGANIC MATERIAL IS TO BE REMOVED FROM THE RIGHT OF WAY LIMITS PRIOR TO CONDITIONING OF THE SUBGRADE.
12.	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:	28.	DRY GUTTER IS NOT ALLOWED IN THE VDOT RIGHT OR WAY.  THE DEVELOPER WILL BE RESPONSIBLE FOR THE DESIGN COSTS OF ANY TRAFFIC SIGNAL INSTALLATION AND/OR MODIFICATION UNDER AN ACCOUNT RECIEVABLE WITH VDOT.  THE NECESSITY AND LOCATIONS FOR ADDITIONAL VDOT STANDARD UNDERDRAINS TO BE DETERMINED AT TIME OF SUBGRADE
	(a) ALL DRIVEWAY ENTRANCE CULVERTS ARE TO BE A MINIMUM OF 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-9D ENTRANCES SHALL BE INSTALLED WHEN LOCATED ALONG CG-6 CURB AND GUTTER. THE SAW-CUTTING INSPECTIONS TO BE PERFORMED BY VDOT SHALL BE REQUESTED IN WRITING, 48 HOURS PRIOR TO ENTRANCE INSTALLATION.		INSPECTION.  APPROVAL OF A DETAILED CONSTRUCTION SEQUENCING/MAINTENANCE OF TRAFFIC NARRATIVE FOR THE WORK ZONE IS A PREREQUISITE FOR ISSUANCE OF A LAND USE PERMIT ALLOWING ACCESS TO AND CONSTRUCTION WITHIN VDOT MAINTAINED RIGHT-OF-WAY.  VDOT SHALL BE PROVIED DOCUMENTATION BY A LISENCED GEOTECHINICAL ENGINEER, SERTIFYING THAT ALL INPLACE PAVEMENTS MEET OR EXCEED THE APPROVED PACVEMENT DESIGN THICKNESS PRIOR TO STATE ACCEPTANCE. THE CERTIFYING DOCUMENTATION SHALL CONFORM TO VDOT SPECIFICATIONS AND THE APPROVED PLANS.
13.	THE DEVELOPER IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL TRAFFIC CONTROL SIGNS WITHIN THE PROPOSED DEVELOPMENT. THE CONTRACTOR SHALL CONTACT VDOT INSPECTION STAFF TO ESTABLISH LOCATIONS FOR ANY SIGNAGE REQUIREMENTS AS DEEMED NECESSARY BY VDOT. INSTALLATION OF SAID SIGNS SHALL OCCUR AT NO EXPENSE TO THE STATE AND PRIOR TO STATE ACCEPTANCE OF ROADWAYS.		THE ESTABLISHEMNT OF A TEMPORARY VEGETATIVE CORNER IS REQUIRED ON ALL DENUDED AREAS THAT ARE NOT TO BE FINE GRADED FOR PERIODS LONGER THAN 30 DAYS.  NO STRUCTURE SHALL BE CONSTRUCTED ON STATE MAINTAINED RIGHT OF WAY UNLESS SAID STRUCTURES ARE SHOWN ON ROAD CONSTRUCTION PLANS APPROVED BY VDOT OR COVERED BY A VDOT LAND USE PERMIT (OR BY A LETTER OF INTENT FROM THE
14.	DESIGN CHANGES, SPECIFIED MATERIALS CHANGES AND/OR FIELD CHANGES FROM THE APPROVED PLANS NEED TO BE RESUBMITTED TO		RESIDENT ENGIENEER TO ISSUE SAID PERMIT AT THE TIME OF STATE ACCEPTANCE.

5. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION

PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAI

IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN, CALL MISS UTILITY O

CENTRAL VIRGINIA AT 1-800-552-7001. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITY WITHIN

16. ALL STREETLIGHTS SHALL BE LOCATED A MINIMUM OF 9.5' FROM THE EDGE OF PAVEMENT ON CURB AND GUTTER STREETS AND/OR

VDOT PRIOR TO PROCEEDING WITH THE WORK. A LETTER OF EXPLANATION SHALL ACCOMPANY THE REVISED PLANS AND/OR

DRAINAGE COMPUTATIONS, AND SHALL BE SUBMITTED. TO VDOT FOR REVIEW AND APPROVAL BY THE RESIDENT ENGINEER.

EXISTING AND/OR PROPOSED RIGHT OF WAY REQUIRED BY THE DEVELOPMENT.

LOCATED A MINIMUM OF 5.5' BEHIND THE DITCH LINE ON OPEN DITCH STREETS.

. A GEOTECH REPORT SHALL VERIFY/APPROVE STONE DEPTHS IN ACCORDANCE WITH VDOT APPROVED PAVEMENT DESIGNS, PRIOR TO 38. ALL CONSTRUCTION DEBRIS, MATERIALS, DUMPTERS, ETC. SHALL BE LOCATED OUTSIDE THE ROADWAY PRISM PRIOR TO STATE ACCEPTANCE . ANY LANDSCAPING, IDENTIFICATION SIGNS, LIGHTING, ETC. THAT MAY BE INDICATED WITHIN THE CONSTRUCTION PLANS SHALL BE FOR

INFORMATION PURPOSES ONLY. NON-STANDARD ITEMS MUST BE APPROVED BY SEPERATE SUBMITTAL THROUGH THE PERMITTING

PARAMETERS OF PROPOSED CONSTRUCTION ACTIVITIES.

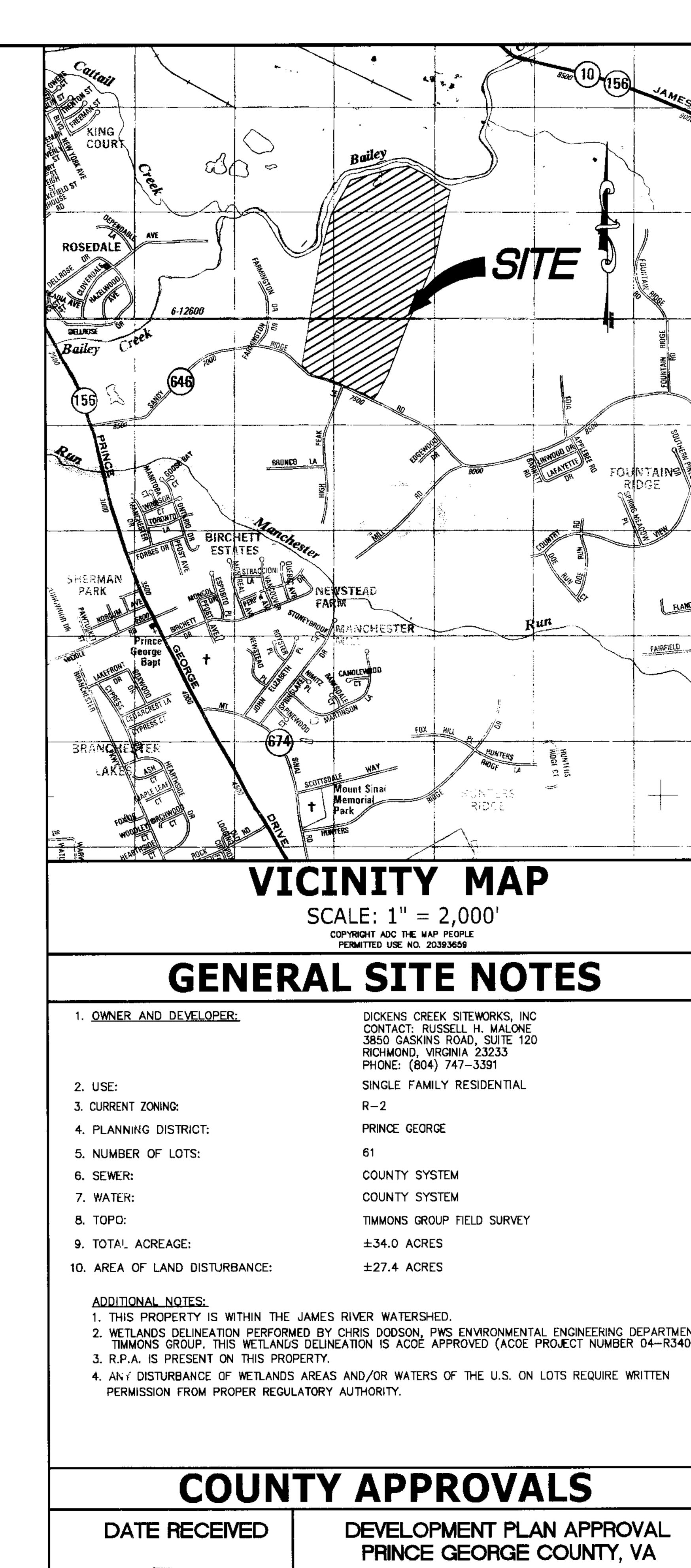
WITH SURFACE MUX OR SLURRY SEAL #4).

55. A PRECONSTURCTION MEETING IS REQUIRED PRIOR TO UNDERTAKING ANY ROADWAY CONSTRUCTION ACTIVITIES. DEVELOPER OR DESIGNEE

36. EXISTING PAVEMENT MARKINGS WITHIN THE STATE RIGHT OF WAY ARE TO BE ERADICATED (ALL ERRADICATION SCARS SHALL BE OVERLAID

WILL CONTACT PETERSBURG RESIDENCY. IN WRITING, FIVE WORKING DAYS IN ADVANCEOF ANTICIPATED CONSTRUCTION START TO ESTABLISH

DATE, TIME AND LOCATION FOR PRECONSTRUCTION MEETING. THE PRIMARY FUNCTION OF THE MEETING WILL BE TO IDENTIFY GEOTECHNICAL



FIRE SERVICES:\_ ENGINEER/UTILITIES: \_ HEALTH DEPARTMENT: VDOT, PETERSBURG RESIDENCY: POLICE DEPARTMENT:

SHEET INDEX

## COVER AND NOTES GENERAL NOTES & TYPICAL SECTIONS DETAILS OVERALL PLAN DEVELOPMENT PLAN DEVELOPMENT PLAN PROFILES HYDROLOGY PLAN EROSION CONTROL PLAN EROSION CONTROL NOTES & DETAILS