QUANTITY AND COST ESTIMATE

ITEM	QUANTITY	UNIT	UNIT PRICE	COST	BUNDABI
8-IN SDR. 35 PVC PIPE (SS)	26	LIN. FT.	\$ 30.00	\$ 780	\$ 780
SANITARY SEWER SAMPLING MANHOLE	1	EACH	\$ 2,000.00	\$ 2,000	\$ 2,00
CURB CG-2	590 160	LIN. FT.	\$ 15.00	\$ 8,850	\$ 8,85
CURB & GUTTER CG-6	100	LIN, FT.	\$ 18.00	\$ 2,880	\$ 2,88
SURFACE TREATMENT					
2-IN. ASPH. CONC. TYPE SM-9.5A	1,350	S.Y.	\$ 6.00	\$ 8,100	\$ 8,10
8-IN. 21-B AGGREGATE BASE	1,350	S.Y.	\$ 6.00	\$ 8,100	\$ 8,10
CONCRETE SIDEWALK	490	6 E	\$ 5.00	\$ 2,450	± 2.45
CUNCKETE SIDEWALK	470	S.F.	→ 2,00	⇒ ≥,450	\$ 2,45
CONSTRUCTION ENTRANCE	1	EACH	\$ 1,500.00	\$ 1,500	\$ 1,50
DIVERSIONS	150	LIN. FT.	\$ 3.00	\$ 450	\$ 45
SILT FENCE	300	LIN, FT.	\$ 4.00	\$ 1,200	\$ 1,20
INLET PROTECTION SEEDING & MULCHING	0.5	EACH ACRES	\$ 250.00 \$ 2,000.00	\$ 500 \$ 1,000	\$ 500 \$ 1.00
CONSTRUCTION ROAD STABILIZATION	95	LIN. FT.	\$ 12.00	\$ 1,000 \$ 1,140	\$ 1,00 \$ 1,14
				7,510	4 2,2 0
LANDSCAPING	1	L.S.	\$ 2,500.00	\$ 2,500	\$ 2,50
AS-BUILT PLANS	1	L.S.	\$ 1,000.00	\$ 1,000	\$ 1,00
SUBTOTAL				\$ 42,450	\$ 42,4
10% CONTINGENCY				\$ 4,245	\$ 4,24
ESTIMATED TOTAL				\$ 46,695	\$ 46,6
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GENERAL NOTES

- ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO THE MOST CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS OF FRANKLIN COUNTY AND/OR THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT), WHICHEVER IS MORE STRINGENT. STREETS MUST ALSO CONFORM TO THE MOST CURRENT VDOT SUBDIVISION STREET SPECIFICATIONS/STANDARDS.
- 2. ALL CONSTRUCTION METHODS AND MATERIALS MUST BE IN ACCORDANCE WITH JANUARY 1987 VDOT ROAD AND BRIDGE SPECIFICATIONS.
- 3. MEASURES TO CONTROL EROSION AND SILTATION MUST BE PROVIDED FOR PRIOR APPROVAL. PLAN APPROVAL IN NO WAY RELIEVES THE DEVELOPER OR CONTRACTOR OF THE RESPONSIBILITIES CONTAINED IN THE EROSION AND SILTATION CONTROL POLICIES
- 4. AN ENTRANCE PERMIT MUST BE OBTAINED FROM THE VDOT RESIDENCY OFFICE, FRANKLIN COUNTY, PRIOR TO CONSTRUCTION IN THE HIGHWAY RIGHT-OF-WAY.
- 5. PLAN APPROVAL DOES NOT GUARANTEE ASSURANCE OF ANY PERMITS BY THE VDOT.
- 6. AN APPROVED SET OF PLANS AND ALL PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE.
- 7. FIELD CONSTRUCTION SHALL HONOR PROPOSED DRAINAGE DIVIDES AS SHOWN ON PLAT.
- 8. ALL UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE CONSTRUCTION LIMITS OF THE ROADWAY BEFORE PLACING EMBANKMENT
- 9. ALL SPRINGS SHALL BE CAPPED AND PIPED TO THE NEAREST NATURAL WATERCOURSE. THE PIPE SHALL BE 6" (SIX INCH) MINIMUM DIAMETER AND CONFORM TO VDOT STANDARD SB-1, UNLESS OTHERWISE STATED IN A REVIEW BY THE VDOT.
- 10. CONSTRUCTION DEBRIS SHALL BE CONTAINERIZED IN ACCORDANCE WITH VIRGINIA LITTER CONTROL ACT. NO LESS THAN ONE LITTER RECEPTACLE SHALL BE PROVIDED ON SITE.
- 11. A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE WILL BE REQUIRED AT INTERSECTION OF SUBDIVISION STREETS AND PUBLIC STREETS AND HIGHWAYS.
- 12. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT STREETS ARE IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
- 13. THE DEVELOPER AND/OR CONTRACTOR SHALL SUPPLY ALL UTILITY COMPANIES WITH COPIES OF APPROVED PLANS, ADVISING THEM THAT ALL GRADING AND INSTALLATION SHALL CONFORM TO APPROVED PLANS.
- 14. 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 PLAN, IF THERE APPEARS TO BE A CONFLICT, AND UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN, CALL "MISS UTILITY" OF CENTRAL VIRGINIA AT
- 15. UTILITY LOCATION SHALL BE SHOWN ON PLAT AND LOCATION APPROVED BY VDOT PRIOR TO PLACEMENT.
- 16. ALL UTILITIES TO BE IN PLACE PRIOR TO LAYING BASE MATERIAL AND SHALL BE ENCASED. THE DEVELOPER IS ENCOURAGED TO UTILIZE THE P.U.E. (PUBLIC UTILITY EASEMENT) FOR THE PLACEMENT OF PARALLEL POWER, TELEPHONE, WATER AND SEWER FACILITIES.
- 17. ANY EASEMENTS GRANTED TO A UTILITY COMPANY, PUBLIC OR PRIVATE, FOR PLACEMENT OF UTILITIES MUST BE RELEASED PRIOR TO ACCEPTANCE. IN ORDER TO MEET PUBLIC SERVICE REQUIREMENTS, ALL STREETS MUST SERVE A MINIMUM OF THREE (3) DWELLINGS PRIOR TO ACCEPTANCE.
- 18. THE DEVELOPER SHALL PROVIDE THE COUNTY AND VOOT WITH A LETTER FROM A LICENSED LAND SURVEYOR CONFIRMING THAT THE STREETS, RIGHTS—OF—WAY, AND EASEMENTS SUBSTANTIALLY CONFORM TO THE CONSTRUCTION PLANS AND SUBDIVISION PLAT. SUFFICIENT DEVIATION OF ACTUAL STREET LOCATION FROM PROPOSED CONSTRUCTION PLANS SHALL REQUIRE SUBMITTAL OF AS—BUILT PLANS FOR REVIEW AND APPROVAL PRIOR TO FINAL ACCEPTANCE FOR ADDITION TO THE VOOT ROAD AND STREET SYSTEM.
- 19. ALL WORK SHALL BE SUBJECT TO INSPECTION BY FRANKLIN COUNTY AND VOOT INSPECTORS.
- 20. FIELD CORRECTIONS OR DEVIATIONS FROM PLANS APPROVED "FOR CONSTRUCTION ONLY" SHALL BE APPROVED BY THE VDOT PRIOR TO SUCH CONSTRUCTION.
- 21. 100 YEAR FLOODWAY AND FLOOD PLAIN SHALL BE SHOWN WHERE APPLICABLE.
- 22. MINIMUM LOT FRONTAGES SHALL BE IN ACCORDANCE WITH CURRENT FRANKLIN COUNTY SUBDIVISION AND ZONING ORDINANCES.
- 23. ALL ROADSIDE DITCHES SHOWN AS PAVED ON PLANS ARE TO BE PAVED IN ACCORDANCE WITH STANDARD TYPICAL SECTION AS SHOWN ON PLANS UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER IN WRITING.
- 24. ALL DRAINAGE FACILITIES OR OTHER ROADWAY FACILITIES TO BE MAINTAINED BY THE DEPARTMENT MUST BE CONTAINED WITHIN THE STREET RIGHT-OF-WAY OR WITHIN THE VDOT APPROVED EASEMENT.

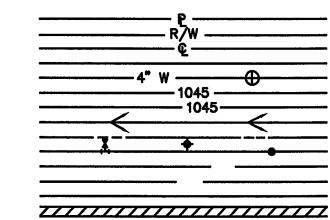
ANY ADDITIONAL PAVING OF THE DITCHES, OTHER THAN THOSE SHOWN ON THE ROAD PLANS, WILL BE DETERMINED PRIOR TO ACCEPTANCE OF THE ROADS INTO THE VDOT SECONDARY ROAD SYSTEM.

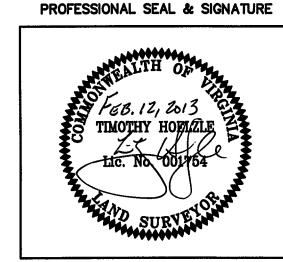
- 24. ALL DRAINAGE FACILITIES OR OTHER ROADWAY FACILITIES TO BE MAINTAINED BY THE DEPARTMENT MUST BE CONTAINED WITHIN THE STREET RIGHT-UF-WAY OR WITHIN THE YOUT APPROVED EASEMENT
- 25. ALL DRAINAGE OUTFALL EASEMENTS WILL BE TWENTY (20) FEET WIDE.
- 26. FIELD REVIEW WILL BE MADE DURING CONSTRUCTION TO DETERMINE THE NEED AND LIMITS OF ADDITIONAL DRAINAGE EASEMENTS. ALL DRAINAGE EASEMENTS MUST BE CUT AND MADE TO FUNCTION TO A NATURAL WATERCOURSE. ANY EROSION PROBLEMS ENCOUNTERED IN AN EASEMENT MUST BE CORRECTED BY ANY MEANS NECESSARY PRIOR TO SUBDIVISION ACCEPTANCE. THE FIELD REVIEW WILL ALSO DETERMINE THE EXTENT OF OUTFALL DITCHES AND ASSOCIATED EASEMENTS, THE NEED OF ADDITIONAL OUTFALL DITCHES AND EASEMENTS, AND THE DIMENSIONS OF SAME.
- 27. CLEARING AND GRUBBING SHALL BE COMPLETED WITHIN THE RIGHTS-OF-WAY AS INDICATED ON THE LAYOUT PLAN.
- 28. ALL VEGETATION AND OVERBURDEN TO BE REMOVED FROM SHOULDER TO SHOULDER PRIOR TO THE ESTABLISHMENT OF SUBGRADE.
- 29. EXCESS EXCAVATION TO BE DISPOSED OF AS DIRECTED BY THE ENGINEER.
- 30. ACTUAL COPIES OF THE CBR REPORTS ARE TO BE SUBMITTED PRIOR TO THE ACCEPTANCE OF THE ROADS INTO THE SECONDARY SYSTEM. IF THE CBR VALUES ARE LESS THAN 10, THE DEVELOPER WILL BE REQUIRED TO SUBMIT FOR OUR APPROVAL HIS PROPOSED METHOD OF CORRECTION. ONE CBR TEST PER STREET WILL BE SUBMITTED. OTHERWISE, A CBR TEST WILL BE REQUIRED WHEN THE TYPE OF SUBGRADE MATERIAL CHANGES. NO CONSOLIDATED CBR VALUES WILL BE ACCEPTED. ALL CBR REPORTS MUST INDICATE STREET AND STATION NUMBER. CBR TESTS ARE TO BE TAKEN AT SUBGRADE LEVEL BY THE ENGINEERING COMPANY PERFORMING THESE TESTS. THE DESIGN ENGINEER SHALL INCORPORATE THE ACTUAL CBR VALUES IN THE CONSTRUCTION COST ESTIMATE.
- 31. THE SUBGRADE MUST BE APPROVED BY VDOT PRIOR TO PLACEMENT OF THE SURFACE.
- 32. BASE MUST BE APPROVED BY VDOT PRIOR TO THE PLACEMENT OF THE SURFACE.
- 33. AN INSPECTOR WILL NOT BE FURNISHED EXCEPT FOR PERIODIC PROGRESS INSPECTION, 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 (1) YEAR AFTER ACCEPTANCE BY THE DEPARTMENT OF TRANSPORTATION
- 34. THE STREETS MUST 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.
- 35. THE CONSTRUCTION OF THE ROADWAY TO STATE STANDARDS DOES NOT MEAN THE ROADWAY WILL EVER BE ACCEPTED INTO THE VDOT SYSTEM. THE SERVICE REQUIREMENT MUST ALSO BE MET.
- 36. A MINIMUM PAVEMENT RADIUS OF TWENTY-FIVE (25) FEET IS REQUIRED AT ALL STREET INTERSECTIONS.
- 37. ALL ENTRANCE PIPES FOR PRIVATE ENTRANCES WILL BE A MINIMUM DIMENSIONS 24" X 15" UNLESS A REVIEW BY DEPARTMENTAL REPRESENTATIVES DETERMINES OTHERWISE. CONCRETE OR CORRUGATED METAL PIPE IS RECOMMENDED.
- 38. RADIUS FOR CUL-DE-SAC PAVEMENT AND RIGHT-OF-WAY MUST MEET CURRENT VDOT STANDARDS OR FRANKLIN COUNTY SUBDIVISION AND ZONING ORDINANCES, WHICHEVER IS GREATER.
- 39. ON SECTIONAL DEVELOPMENTS, THE DEPARTMENT REQUIRES SUBMITTAL OF AN OVERALL DEVELOPMENT SCHEME TO DETERMINE TRAFFIC GENERATION FIGURES AND FLOW.
- 40. UNLESS DISCUSSED WITH AND APPROVED BY VDOT'S ENGINEERS, ALL CROSSPIPE WILL HAVE A MINIMUM DIAMETER OF EIGHTEEN (18) INCHES.
- 41. INDIVIDUAL SUBDIVISION PLAN SUBMITTED MAY REQUIRE CHANGES/ADDITIONS TO THIS LIST, AS DETERMINED BY VDOT REVIEW. VDOT APPROVAL OF THESE PLANS EXPIRES THREE (3) YEARS FROM DATE OF SIGNATURES.
- 42. ALL STREET NAMES ARE TO BE REVIEWED AND APPROVED BY 9-1-1 SERVICES.
- 43. LIMITS OF STREET ROADWAY CATEGORY WILL BE NOTED ON THE SUBDIVISION PLANS FOR EACH STREET. LIMITS WILL BE FROM STREET INTERSECTION TO STREET INTERSECTION.
- 44. STOPPING DISTANCES AT GRADE CHANGES AND CURVES AND SITE DISTANCES AT STREET INTERSECTIONS WILL BE ILLUSTRATED ON THE CONSTRUCTION PLANS AND MUST CONFORM TO YDOT SPECIFICATIONS.
- 45. PRIOR TO ACCEPTANCE FOR THE VDOT ROAD AND STREET SYSTEM, THE DEVELOPER SHALL PROVIDE VDOT WITH FIVE (5) SETS OF CONSTRUCTION PLANS ILLUSTRATING THE LOCATION OF ALL UTILITIES WITHIN THE STREET RIGHTS—OF—WAY (PRIVATE OR PUBLIC TO INCLUDE SEWER LINES RUNNING FROM A PRIVATE RESIDENCE TO A DRAINAGE AREA LOCATED ON A SEPARATE LOT WHERE CROSSING OF A STREET IS REQUIRED) WITH NAMES AND ADDRESSES OF THE RESPONSIBLE PUBLIC UTILITY COMPANIES.
- 46. PRIOR TO THE TIME THE STREETS ARE CONSIDERED FOR ADDITION TO THE VDOT ROAD AND STREET SYSTEM, THE DEVELOPER SHALL PROVIDE, BY LETTER, TO VDOT THE DEED BOOK, PAGE, AND DATE OF RECORDATION OF THE SUBDIVISION IN FRANKLIN COUNTY CLERK OF THE CIRCUIT COURT'S OFFICE OF THE STREET RIGHTS—OF—WAY.
- 47. PROPOSED DENSITY (P.D.): SINGLE MULTI FAMILY TRIPS PER DAY TRAFFIC VOLUME PER DAY =

LEGEND

PROPERTY LINE
RIGHT-OF-WAY
CENTERLINE
MINIMUM BUILDING LINE
EXISTING WATER MAIN
EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED DRAINAGE DIVIDE
PROPOSED LIMITS OF CLEARING
PROPOSED WATER MAIN
EXISTING SEWER
PROPOSED SEWER
DEDICATED EASEMENT

CROSSING EASEMENT





PROFFERS AND CONDITIONS

COMPLIES WITH CHAPTER 22 OF THE FRANKLIN COUNTY CODE.

APPLICABLE PROFFERS FROM REZONING OF TAX MAP PARCEL \$30-1.4 AND 52 FROM A-1 AND M-1 TO PCD, PLANNED COMMERCIAL DISTRICT, GRANTED AT PUBLIC HEARING HELD ON NOVEMBER 21, 2000:

1. DEVELOPER SHALL COMPLY WITH THE SIGN REGULATIONS OF THE FRANKLIN COUNTY ZONING ORDINANCE. FURTHERMORE, NO OFF-PREMISE SIGNS (BILLBOARDS) FRONTING ON ROUTE 122 WEST OF THE EXISTING WESTERN ROUTE 122 / 616 INTERSECTION ARE PERMITTED.
2. DEVELOPER SHALL OBTAIN NECESSARY APPROVALS FROM THE VIRGINIA DEPARTMENT OF HEALTH AND SHALL INSURE THAT THE DEVELOPMENT

3. DEVELOPER WILL COMPLY WITH COUNTY REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT.
4. DEVELOPER SHALL HAVE A LANDSCAPE PLAN THAT DETAILS PERIMETER AND INTERNAL PARKING LOT LANDSCAPING.

APPLICABLE CONDITIONS FROM OBTAINING OF SPECIAL USE PERMIT FOR TAX MAP PARCEL #30-1.4 FOR THE PURPOSE OF A NEW FOOD CENTER, GASOLINE SERVICE CENTER, SHOPPING CENTER, AND MOVIE THEATER, GRANTED AT PUBLIC HEARING HELD ON SEPTEMBER 17, 2002:

1. DEVELOPER WILL COMPLY WITH ALL PROFFERS OF THE (PCD) PLANNED COMMERCIAL DISTRICT REZONE (SEE ABOVE).
2. DEVELOPER WILL ABIDE BY ALL VDOT REGULATIONS IN REGARDS TO DEVELOPING AND CONSTRUCTING ROADS WITHIN THE DEVELOPMENT.
APPLICANT WILL APPLY FOR A CONSTRUCTION ENTRANCE PERMIT WITH VDOT.

SURVEY INFORMATION

HORIZONTAL AND VERTICAL SURVEYS WERE PERFORMED BY LUMSDEN ASSOCIATES, P.C. ALL ELEVATIONS MUST BE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 SOURCE OF TOPOGRAPHIC MAPPING IS FIELD SURVEY BY LUMSDEN ASSOCIATES, P.C. IN 2012. BOUNDARY SURVEY WAS PERFORMED BY LUMSDEN ASSOCIATES, P.C.

THE PROFESSIONAL SEAL AND THE SIGNATURE BELOW CERTIFIES THE BOUNDARY SURVEY AND TOPOGRAPHIC MAPPING TO BE ACCURATE AND CORRECT.

COUNTY OF FRANKLIN

NAME OF DEVELOPMENT	PROFESSIONAL PARK AT	
Trumb of Deviced mater	WESTLAKE TOWNE CENTER	
MAGISTERIAL DISTRICT(S)	GILLS CREEK	
OWNER: NAME ADDRESS TELEPHONE	WILLARD CONSTRUCTION OF SMITH MOUNTAIN LAKE, LLC P.O. BOX 540, WRTZ, VA. 24184 (540) 721-5288	
DEVELOPER: NAME ADDRESS TELEPHONE	WILLARD CONSTRUCTION OF SMITH MOUNTAIN LAKE, LLC P.O. BOX 540, WRTZ, VA. 24184 (540) 721-5288	
ENGINEER/SURVEYOR: NAME ADDRESS TELEPHONE	LUMSDEN ASSOCIATES, P.C. P.O. BOX 20669 ROANOKE, VA 24018 (540)774-4411	
TAX MAP NO:	0300005223, 0300005218, & 0300005222	COMM: 2012-210
ZONING CLASSIFICATION:	PCD PLANNED COMMERCIAL DEVELOPMENT	SHEET 2 OF 9