PERFORMANCE BOND ESTIMATE

ITEM NO.		ITEM	QUANTITY	UNIT	UNIT PRICE	COST
		CLEARING & GRUBBING		ACRES		
		EXCAVATION		CU. YDS.		
		EMBANKMENT		CU. YDS.		
		OVERLOT GRADING		LOTS		
	STRUCTURES					
	STRUCTURES					
	STRUCTURES					
	STRUCTURES					
	STRUCTURES					
	STRUCTURES					
	DRAINAGE					
	DRAINAGE					
	DRAINAGE					
	DRAINAGE					
		CONCRETE PIPE		LIN. FT.		
		CONCRETE PIPE		LIN. FT.		
		CONCRETE PIPE		LIN. FT.		
		CONCRETE PIPE		LIN. FT.		
		CONCRETE PIPE		LIN. FT.		
		CONCRETE PIPE		LIN. FT.		
		PAVED DITCH		LIN. FT.		
		RIP RAP		SQ. FT.		
		CONCRETE ENDWALL		EACH		
		CONCRETE ENDWALL		EACH		
		CONCRETE ENDWALL		EACH		
		CONCRETE END SECTION		EACH		
		DRIVEWAY ENTRANCE		EACH		
		SIDEWALK		LIN. FT.		
		HEADER CURB		LIN. FT.		
		CURB & GUTTER		LIN. FT.		
		SURFACE TREATMENT		SQ. YDS.		
		BITUMINOUS CONCRETE SURFACE		SQ. YDS.		
		BASE COURSE		SQ. YDS.		
		SUBBASE MATERIALS		SQ. YDS.		
		STREET SIGNS		EACH		
		STREET LIGHTS		EACH		
		ROADSIDE DELINEATORS		EACH		
		TRAFFIC BARRICADE		EACH		
		PIPES OR MONUMENTS AS SHOWN ON PLAT		EACH		
		WATER LINE		LIN. FT.		
		FIRE HYDRANTS		EACH		
		SANITARY SEWER		LIN. FT.		
		AS-BUILT PLAN		LUMP SUM		
		PLUS 10% ENGINEERING FEE & MISC.				
		TOTAL				

CASH ESCROW BOND ESTIMATE

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	COST
1	EROSION/SEDIMENTATION CONTROL (SEE ZONING ORD. FOR APPROPRIATE FEE, MIN. $1000)				
2	TREE PROTECTION 78-120.2(d)(2)a				
3	TREE RETENTION 78-120.2(d)(2)b				
4	DAMAGE TO EXISTING PUBLIC UTILITIES (TO BE COMPUTED BY THE TOWN OF HERNDON)	_____	L.S.	_____	
5	LANDSCAPING	_____	L.S.	_____	
				TOTAL:	

APPLICATION FEES

(SEE SECTION 78-201.2 OF THE TOWN CODE FOR FEES)

TYPE OF APPLICATION: _____

CALCULATION OF APPLICATION FEE: _____

APPLICATION FEE PAID (Official Use Only): DATE: _____ AMOUNT: _____

REVIEW AND INSPECTION FEE SCHEDULE

(SEE SECTION 78-152.2 AND SECTION 26-335 OF THE TOWN CODE FOR FEES)

ITEM	QUANTITY	UNIT	FEE PER UNIT		FEE
			FOR SUBDS.	FOR SITE PLANS	
BITUMINOUS SURFACE		SQ. YDS.	.51	.51	
CURB & GUTTER OR HEADER CURB		LIN. FT.	.92	.92	
SIDEWALK		LIN. FT.	1.35	1.35	
SANITARY SEWER		LIN. FT.	2.34	2.34	
T.V. INSPECTION		LIN. FT.	2.32	2.32	
WATERLINE		LIN. FT.	1.75	1.75	
STORM DRAINAGE		LIN. FT.	4.39	4.39	
VSMP STORMWATER MANAGEMENT FEE (see Town Code Section 26-335)		LUMP SUM			
BIORETENTION FACILITIES (RAIN GARDENS)		EACH	250.00	250.00	
STORMWATER DETENTION/BMP MEASURES (other than rain gardens)		EACH	1000.00	1000.00	
OVERLOT GRADING AND SURFACE DRAINAGE PLAN (per division of land or per disturbed acre, whichever is greater)		LOT/ACRE	200.00	200.00	
STREETLIGHTS		PER LIGHT	50.00	50.00	
MISCELLANY		ACRE	675.00(min.)	675.00(min.)	
SCREENING		LIN. FT.	2.34	2.34	
℄ LINEAR FEET OF STREET		LIN. FT.	1.20		
ESTIMATED FEE – TOTAL					
INITIAL FEE PAYMENT (50% OF ESTIMATED FEE) (RECEIPT # _____ DATE _____)					
BALANCE OF FEE (COMPUTED BY TOWN) (RECEIPT # _____ DATE _____)					

NOTES

1. THE METHODS AND MATERIALS USED IN THE CONSTRUCTION OF THE IMPROVEMENTS HEREIN SHALL CONFORM TO THE CURRENT TOWN OF HERNDON STANDARD SPECIFICATIONS, CURRENT FAIRFAX COUNTY DESIGN AND CONSTRUCTION STANDARDS, AND THE CURRENT VDOT ROAD AND BRIDGE SPECIFICATIONS. IN THE EVENT OF CONFLICT BETWEEN THE STANDARDS AND SPECIFICATIONS, PREVAILING GUIDELINES SHALL BE SELECTED BY THE TOWN OF HERNDON.
2. A PERMIT MUST BE OBTAINED FROM THE TOWN OF HERNDON BEFORE ANY CONSTRUCTION IS STARTED IN CONFORMITY WITH THESE PLANS.
3. A PERMIT MUST BE OBTAINED FROM THE OFFICE OF THE RESIDENT ENGINEER, VDOT, FAIRFAX, VIRGINIA, BEFORE ANY CONSTRUCTION IS STARTED ON ANY EXISTING STATE HIGHWAY.
4. THE DEVELOPER IS REQUIRED TO NOTIFY THE TOWN OF HERNDON, PRIOR TO THE BEGINNING OF CONSTRUCTION. THE DEVELOPER SHALL REQUIRE THAT ALL OF HIS CONTRACTORS SPECIFICALLY REQUEST INSPECTION AT LEAST TWENTY FOUR (24) HOURS BEFORE BEGINNING:
   (A) CLEARING AND GRUBBING
   (B) INSTALLATION OF SILTATION AND EROSION CONTROL MEASURES
   (C) EARTHWORK
   (D) INSTALLATION OF ANY UNDERGROUND UTILITY
   (E) INSTALLATION OF ANY FORMS
   (F) PLACING ANY CONCRETE
   (G) BEFORE PLACING SUBBASE, BASE, OR PAVING SURFACE
   FAILURE TO DO SO FOR ANY REASON SHALL CONSTITUTE REJECTION OF SAID WORK.
5. ALL EXISTING UNDERGROUND UTILITIES SHALL BE PHYSICALLY LOCATED BY THE DEVELOPER OR HIS ENGINEER PRIOR TO THE BEGINNING OF ANY CONSTRUCTION IN THE VICINITY OF THESE UTILITIES.
6. ALL UTILITIES INSTALLED AS A PART OF THIS DEVELOPMENT SHALL BE PLACED UNDERGROUND.
7. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT OF WAY AND ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO THE REQUIRED DISTANCE BEYOND THE RIGHT OF WAY LINE PRIOR TO THE INSTALLATION OF ANY SUBBASE MATERIAL, CURB AND GUTTER, OR SIDEWALK.
8. ALL UTILITIES TO BE TAKEN OVER BY THE TOWN FOR MAINTENANCE PURPOSES, MUST BE INSPECTED, TESTED AND APPROVED BY THE TOWN BEFORE BEING ACCEPTED INTO THE TOWN'S SYSTEM.
9. CUT SHEETS SHALL BE SUBMITTED TO AND APPROVED BY THE TOWN OF HERNDON PRIOR TO THE START OF CONSTRUCTION OF ANY UNDERGROUND UTILITIES, STREETS, OR CURBS AND GUTTERS.
10. SANITARY SEWERS: ALL SANITARY SEWER MATERIALS AND METHODS OF CONSTRUCTION SHALL COMPLY WITH THE CURRENT TOWN OF HERNDON STANDARDS AND SPECIFICATIONS AS WELL AS WITH THE FAIRFAX COUNTY PUBLIC FACILITIES MANUAL AS APPLICABLE.
11. STORM SEWERS:
   (A) STORM SEWER AND CULVERT PIPE SHALL BE REINFORCED CONCRETE PIPE TO CONFORM TO THE CURRENT A.A.S.H.T.O. DESIGNATION M 170, UNLESS OTHERWISE DESIGNATED ON THE PLANS. CLASS II PIPE WILL BE PERMITTED BEYOND THE LIMITS OF THE STREET RIGHT OF WAY. CLASS III PIPE WILL BE REQUIRED WITHIN THE LIMITS OF THE RIGHT OF WAY.
   (B) UNDERDRAINS AND/OR CROSSDRAINS SHALL BE INSTALLED BY THE DEVELOPER WHERE DEEMED NECESSARY BY THE TOWN OF HERNDON.
   (C) ALL STORM SEWER MATERIALS AND METHODS OF CONSTRUCTION SHALL COMPLY WITH THE CURRENT TOWN OF HERNDON STANDARDS AND SPECIFICATIONS AS WELL AS WITH THE FAIRFAX COUNTY PUBLIC FACILITIES MANUAL AS APPLICABLE.
12. STREETS:
   (A) ALL BASE AND SUBBASE MATERIAL SHALL BE COMPACTED TO 95% OF THEORETICAL MAXIMUM DENSITY AS DETERMINED BY A.A.S.H.T.O. T-99 METHOD A, WITHIN PLUS OR MINUS 20% OF OPTIMUM MOISTURE FOR THE FULL WIDTH OF ANY DEDICATED RIGHT OF WAY AND ALL TOWNHOUSE STREETS, COMMERCIAL AND INDUSTRIAL PARKING LOTS, PRIVATE STREETS, PARKING BAYS, CURB AND GUTTER, AND SIDEWALKS ADJACENT TO STREETS AND PARKING LOTS (NOT INTENDED TO INCLUDE LEAD SIDEWALKS). SOIL REPORTS AND SUBGRADE SPECIFICATIONS SHALL BE SUBMITTED TO THE TOWN OF HERNDON FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION OF ANY SIDEWALKS, CURB AND GUTTER, STREETS OR PARKING AREAS.
   (B) ROADWAY DESIGN IS BASED ON A CBR OF 10. CBR TESTS OF SUBGRADE SOILS MUST BE CONDUCTED FOR ACTUAL DETERMINATION OF ROADWAY DESIGN. ROADWAY DESIGNS SHALL BE IN ACCORDANCE WITH THE CURRENT VDOT PAVEMENT DESIGN GUIDE FOR SUBDIVISION AND SECONDARY ROADS, AND SHALL BE SUBMITTED TO THE TOWN FOR REVIEW AND APPROVAL. STANDARD STREET NAME SIGNS SHALL BE APPROVED BY FAIRFAX COUNTY SIGN SHOP AND SHALL BE INSTALLED AT EACH INTERSECTION BY THE DEVELOPER, AS WELL AS REQUIRED TRAFFIC CONTROL SIGNS IN THE DEVELOPMENT. SIGN FASTENERS SHALL BE 5/16" #18 STAINLESS STEEL HEX BOLTS AND NUTS USS-NO RIVETS PERMITTED.
   (C) WHERE ROADWAY SIGNS ARE INSTALLED IN ANYTHING OTHER THAN SOIL, A PVC SLEEVE SHALL BE INSTALLED. SLEEVE SHALL BE MINIMUM 18" DEEP. SIZE OF PVC SLEEVE SHALL BE APPROPRIATE TO SIZE OF POST BEING INSTALLED AND SHALL ALLOW FOR WEDGING TO STABILIZE SIGN POST.
   (D) WHERE SIGN IS DESIGNED TO BE INSTALLED IN CONCRETE MEDIAN, A 12" X 12" AREA SHALL BE LEFT VOID OF CONCRETE.PVC SLEEVE SHALL BE INSTALLED AS INDICATED ABOVE.
   (E) SIGN MATERIAL SHALL BE MINIMUM HIGH INTENSITY SHEETING, AND NO ENGINEER GRADE MATERIAL SHALL BE ALLOWED.
   (F) A MINIMUM OF ONE DRIVEWAY ENTRANCE SHALL BE PROVIDED PER LOT. DRIVEWAY ENTRANCES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STANDARS. PIPESTEM LOT DRIVEWAYS ARE SUBJECT TO APPROVAL BY THE TOWN OF HERNDON.
   (G) STREETS SHALL BE MAINTAINED IN A CLEAN CONDITION AND SHALL BE MUD AND DUST-FREE AT ALL TIMES. ADEQUATE MEANS SHALL BE PROVIDED TO CLEAN TRUCKS AND OTHER EQUIPMENT.
   (J) PRIOR TO COMMENCING NEW WORK, THE CONTRACTOR SHALL PROTECT ALL EXISTING ADJACENT AREAS FROM DAMAGE. A PRE-CONSTRUCTION SURVEY SHALL OCCUR WITH CONSTRUCTION AND INSPECTION STAFF TO DOCUMENT EXISTING CONDITIONS. IF TOWN'S EXISTING PUBLIC INFRASTRUCTURE IS DAMAGED DURING CONSTRUCTION, THE APPLICANT SHALL REPAIR THE SAME TO THE SATISFACTION OF THE TOWN.
   (K) ALL STREET CUT AND PATCH WORK LOCATED IN PUBLIC RIGHTS OF WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE TOWN OF HERNDON STANDARDS AND SPECIFICATIONS. LIMITS OF ASPHALT OVERLAY SHALL BE DETERMINED BY TOWN INSPECTOR.
   (L) STREET LIGHTS SHALL BE INSTALLED ACCORDING TO TOWN OF HERNDON STANDARDS.
   (M) ALL WORK IN THE RIGHT-OF-WAY SHALL BE CONDUCTED BETWEEN 9AM AND 3PM, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.
   (N) DEVELOPER SHALL COMPLY WITH STREET CUT PERMIT REQUIREMENTS. A COPY OF APPROVED STREET CUT PERMIT MUST BE KEPT ON SITE AT ALL TIMES.
   (O) DEVELOPER SHALL COORDINATE ALL TRAFFIC CONTROL ACTIVITIES WITH THE STREET CUT PERMIT INSPECTION SECTION (703-435-6860).
13. WATER DISTRIBUTION:
   (A) ALL WATER MAIN MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE REGULATIONS OF THE STANDARD SPECIFICATIONS AND PLANS OF THE TOWN OF HERNDON AND THE CURRENT WATERWORKS REGULATIONS OF THE VIRGINIA STATE BOARD OF HEALTH.
   (B) ALL WATER MAINS SHALL HAVE A MINIMUM COVER OF 4.0 FEET. WATER MAINS SHALL BE INSTALLED EIGHT (8) FEET NORTH OR EAST OF THE CENTERLINE OF THE STREET UNLESS OTHERWISE DESIGNATED ON THE PLANS.
   (C) WORKING PRESSURE SHALL BE >20.0 PSI.
14. LAND CONSERVATION NOTES:
   (A) MEASURES TO CONTROL EROSION AND SILTATION SHALL BE PROVIDED PURSUANT TO AND IN COMPLIANCE WITH CURRENT STATE AND LOCAL REGULATIONS. HOWEVER, THE APPROVAL OF THESE PLANS SHALL IN NO WAY RELIEVE THE DEVELOPER OR HIS AGENT OF ANY LEGAL RESPONSIBILITY WHICH MAY BE REQUIRED BY THE CODE OF VIRGINIA OR ANY ORDINANCE ENACTED BY THE TOWN OF HERNDON.
   (B) TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS.
   (C) ALL EROSION AND SILTATION CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
   (D) ALL STORM AND SANITARY SEWER TRENCHES NOT IN STREETS ARE TO BE MULCHED AND SEEDED WITHIN 7 DAYS AFTER BACKFILL. NO MORE THAN 500 FEET OF TRENCH ARE TO BE OPEN AT ANY ONE TIME.
   (E) ELECTRIC POWER, TELEPHONE AND GAS SUPPLY TRENCHES ARE TO BE COMPACTED, SEEDED AND MULCHED WITHIN 7 DAYS AFTER BACKFILL.
   (F) ALL TEMPORARY EARTH BERM DIVERSIONS AND SILT DAMS ARE TO BE MULCHED AND SEEDED FOR TEMPORARY VEGETATIVE COVER IMMEDIATELY AFTER GRADING. STRAW OR HAY MULCH IS REQUIRED. THE SAME APPLIES FOR ALL STOCKPILES.
   (G) DURING CONSTRUCTION, ALL STORM SEWER INLETS WILL BE PROTECTED BY SILT TRAPS, MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
   (H) ALL DISTURBED AREAS NOT PAVED, SODDED, OR BUILT UPON BY NOVEMBER 1, OR DISTURBED AFTER THAT DATE, ARE TO BE SEEDED WITHIN 7 DAYS WITH OATS, ABRUZZI RYE, OR EQUIVALENT AND MULCHED WITH HAY OR STRAW AT THE RATE OF 2 TONS PER ACRE.
   (I) PRIOR TO BEGINNING OF ANY WORK ON THIS SITE, THE CONTRACTOR MUST READ AND ADHERE TO THE "VEGETATION PRESERVATION AND PLANTING" GUIDELINES OF FAIRFAX COUNTY PUBLIC FACILITIES MANUAL, AND SECTION 26, ARTICLE II OF THE TOWN CODE.
   (J) PRIOR TO THE PROJECT'S PRE-CONSTRUCTION MEETING AND PRIOR TO ANY LAND DISTURBANCE OF THE SITE, A CONSTRUCTION GENERAL PERMIT REGISTRATION STATEMENT MUST BE SUBMITTED TO THE TOWN FOR APPROVAL FOR ALL PROJECTS THAT DISTURB ONE ACRE OR MORE.
   (K) IF REQUIRED BY LAW, THE OWNER/DEVELOPER SHALL PROVIDE STATEMENT CERTIFYING THAT ALL WETLANDS PERMITS WILL BE OBTAINED PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES.
15. THESE PLANS AND SPECIFICATIONS ARE BASED ON THE MINIMUM REQUIREMENTS FOR _____ ZONING. THIS PLAN CONTAINS _____ DWELLING UNITS.
16. PRIOR TO ANY APPROVED CLEARING AND GRADING ON A SITE, TREE PROTECTION FENCE SHALL BE ERECTED IN ACCORDANCE WITH FENCE DETAIL ON THE APPROVED LANDSCAPE PLAN, AND BE INSPECTED AND APPROVED BY THE URBAN FORESTER.

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WAIVER REQUESTS

(DESIGNATE EACH SECTION OF THE ZONING ORDINANCE, PUBLIC FACILITIES MANUAL OR SUBDIVISION ORDINANCE FROM WHICH A WAIVER IS REQUESTED. PLEASE NOTE THAT A LETTER OF JUSTIFICATION FOR EACH WAIVER MUST ACCOMPANY THE INITIAL PLAN SUBMISSION)

FEE = $200.00 PER REQUEST

WAIVER FROM SECTION: _____ OF _____ = $200.00

WAIVER FROM SECTION: _____ OF _____ = $200.00

NUMBER OF REQUESTS: _____ X $200.00 = _____

DATE FEE COLLECTED (Official Use Only): _____

EXISTING CONDITION SURVEY NOTES

1. HORIZONTAL DATUM _____
   VERTICAL DATUM _____
2. UTILITY INFORMATION, AS SHOWN ON THIS PLAN, IS TAKEN FROM THE RECORDS AND/OR FIELD SURVEY COMPLETED BY _____ DATED _____; AND CANNOT BE GUARANTEED. FOR EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES, NOTIFY "MISS UTILITY" AT 1-800-552-7001, 72 HOURS BEFORE THE START OF ANY EXCAVATION OR CONSTRUCTION.
3. LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
   CONTRACTOR/ENGINEER SHOULD DIG TEST PITS BY HAND AT ALL UTILITY CROSSINGS TO VERIFY EXACT LOCATION.

_____

PROFESSIONAL SEAL AND SIGNATURE

VICINITY MAP

SCALE: 1" =

LOCATION OF BENCHMARKS

APPROVED

FOR SITE CONSTRUCTION UNDER THIS PLAN.
BUILDING PERMITS TO BE ISSUED SEPARATELY.

_____ DATE _____ FAIRFAX COUNTY FIRE MARSHAL

_____ DATE _____ DIRECTOR OF PUBLIC WORKS

_____ DATE _____ DIRECTOR OF COMMUNITY DEVELOPMENT

_____ DATE _____ ZONING ADMINISTRATOR

SECTION 70-203(2)(1): SUBDIVISION APPROVAL VOID IF FINAL SUBDIVISION PLAT IS NOT SUBMITTED WITHIN ONE YEAR OF APPROVAL OF A PRELIMINARY SUBDIVISION PLAN.

SECTION 78-202.6(h): SITE PLAN AND SINGLE LOT DEVELOPMENT PLAN APPROVAL SHALL AUTOMATICALLY EXPIRE AT THE END OF A FIVE-YEAR PERIOD FOLLOWING THE DATE OF ITS APPROVAL BY THE ZONING ADMINISTRATOR FOR ANY PHASE OR PART OF AN APPROVED SITE PLAN FOR WHICH A BUILDING PERMIT HAS NOT BEEN APPROVED.

TOWN PLAN NUMBER: _____

TOWN PLAN NUMBERS OF ASSOCIATED APPLICATIONS: _____

BEFORE YOU DIG
CALL "MISS UTILITY" 811
OR 1-800-552-7001
visit online at va811.com

TOWN OF HERNDON, VIRGINIA
COVER SHEET

SUBDIVISION OR SITE PLAN NAME

OWNER, ADDRESS, INCLUDE ZIP CODE AND TELEPHONE NUMBER

DEVELOPER, ADDRESS, INCLUDE ZIP CODE AND TELEPHONE NUMBER

CERTIFIED ENGINEER, ARCHITECT OR SURVEYOR SUBMITTING PLAN, ADDRESS, INCLUDE ZIP CODE AND TELEPHONE NUMBER

FAIRFAX COUNTY TAX MAP NUMBER _____

TOTAL AREA _____ PRESENT ZONING _____

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