		PERFORMANCE BOY	ND ESTI	MATE		
ITEM NO.		ITEM	QUANTITY	UNIT	UNIT PRICE	COST
	CLI	EARING & GRUBBING		ACRES		
	EX	CAVATION		CU. YDS.		
	EM	BANKMENT		CU. YDS.		
	OV	ERLOT GRADING		LOTS		
	275.5x (1V)					
	STRUCTURES		5			
	Ę		2			
	ည					
	E.					
	(V)					
	Щ		2			
	DRAINAGE					
	₹ X					
	뚬		,			
		NACCETE DIDE	-	1.0. ==		
	32,083	NCRETE PIPE		LIN. FT.		
		NCRETE PIPE		LIN. FT.		
		NCRETE PIPE	-	LIN. FT.		
	20020-1924	NCRETE PIPE	1	LIN. FT.		
		NCRETE PIPE	7	LIN. FT.		
	CO	NCRETE PIPE	7	LIN. FT.		
	PA	VED DITCH		LIN. FT.		
	RIP	PRAP		SQ. FT.		
	CO	NCRETE ENDWALL	5	EACH		
		NCRETE ENDWALL		EACH		
		NCRETE ENDWALL		EACH		
	CO	NCRETE END SECTION		EACH		
			5			
	DR	IVEWAY ENTRANCE		EACH		
	the same of the same of	DEWALK		LIN. FT.		
		ADER CURB		LIN. FT.		
		RB & GUTTER		LIN. FT.		
	CL	DEACE TREATMENT		60 VD6		
		RFACE TREATMENT		SQ. YDS.		
		UMINOUS CONCRETE SURFACE		SQ. YDS.		
		SE COURSE		SQ. YDS.		
		BBASE MATERIALS	-	SQ. YDS.		
	NOT70070978	REET SIGNS	-	EACH		
		REET LIGHTS	2	EACH		
		ADSIDE DELINEATORS AFFIC BARRICADE		EACH EACH		
	5/60/700	PES OR MONUMENTS AS SHOWN ON PLAT	-	EACH		
	FIF	LO ON MONOMENTO AS SHOWN ON FEAT		LAUI		
	WA	TER LINE		LIN. FT.		
	10/20/20/20/20	E HYDRANTS		EACH		
	ALC: UNDER CALL	NITARY SEWER		LIN. FT.		
	25450.00	-BUILT PLAN		LUMP SUM		
				20.00		
		PLUS 10% EN	GINEERING FEE			
				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 REPLACEMENT						
3	ARBORIST FEE						
4	DAMAGE TO EXISTING PUBLIC UTILITIES (TO BE COMPUTED BY THE TOWN OF HERNDON)	-	L.S.				
5	LANDSCAPING	36	L.S.	- A			
V				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 INSI	ni samanan 🖷 sa sarah			2-27,100,000,000	
(SEE SECTION 78-201.2 AND SEC	QUANTITY	ST STATE AND AND	OWN CODE FOR FEES) FEE PER UNIT		
ITEM			FOR SUBDS.	FOR SITE PLANS	FEE
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	2	PER LIGHT	50.00	50.00	
MISCELLANY		ACRE	675.00(min.)	675.00(min.)	
SCREENING		LIN. FT.	2.34	2.34	
C 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
- 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

 - INSTALLATION OF ANY UNDERGROUND UTILITY
 - INSTALLATION OF ANY FORMS 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.
- 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.

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.

- (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
- (B) 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.
- (C) 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
- (D) 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. (E) WHERE INSTALLATION OF ROADWAY SIGN IS ANYTHING OTHER THAN IN SOIL AREA, 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. (F) 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. SIGN MATERIAL SHALL BE MINIMUM HIGH INTENSITY SHEETING, AND NO ENGINEER GRADE MATERIAL SHALL BE ALLOWED.
- A MINIMUM OF ONE DRIVEWAY ENTRANCE SHALL BE PROVIDED PER LOT. DRIVEWAY ENTRANCES_ SHALL BE INSTALLED IN CONFORMITY WITH THE STANDARDS. PIPESTEM LOT DRIVEWAYS ARE SUBJECT TO APPROVAL BY THE TOWN OF HERNDON.
- (I) SURFACED STREETS SHALL BE MAINTAINED IN A CLEAN CONDITION, MUD AND DUST FREE AT ALL TIMES, AND ADEQUATE MEANS SHALL BE PROVIDED TO CLEAN TRUCKS AND OTHER EQUIPMENT USING THE COMPLETED STREETS.
- (J) PRIOR TO COMMENCING NEW WORK, THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING ADJACENT AREAS. 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 TO 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. 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).

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
- (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) NO DISTURBED AREA WILL BE DENUDED FOR MORE THAN 30 CALENDAR DAYS.
 - (C) ALL EROSION AND SILTATION CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING. 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 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
 - (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, IS TO BE SEEDED WITHIN 7 DAYS WITH OATS, ABRUZZI RYE, OR EQUIVALENT AND MULCHED WITH HAY OR STRAW AT THE RATE OF 2
 - (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 ANY LAND DISTURBANCE OF THE SITE THAT IS GREATER THAN, OR EQUAL TO 2500 SQ FT, THE CONTRACTOR MUST SUBMIT GENERAL PERMIT REGISTRATION STATEMENT TO VIRGINIA DEQ AND PROVIDE A COPY TO THE TOWN. (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. ALL ELEVATIONS MUST BE BASED ON THE U.S.G.S. & OR THE N.G.S. MEAN SEA LEVEL DATUM.
- 17. 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.

> *	
WALVED DEOLIEOTO	
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 NITIAL PLAN SUBMISSION)	
FEE = \$200.00 PER REQUEST	
AIVER FROM SECTION: —	
AIVER FROM SECTION: —	
INDED OF DEGUEETO	1
UMBER OF REQUESTS: X \$200.00 = ————————————————————————————————	

PAGE

INDEX

LOCATION C	OF BENCHMARKS
AP	PROVED
FOR SITE CONSTI	RUCTION UNDER THIS PLAN. 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 WITHIN ONE YEAR OF APPROVAL OF A PRELIMINAL	L VOID IF FINAL SUBDIVISION PLAT IS NOT SUBI RY SUBDIVISION PLAN.

VICINITY MAP

SCALE:

LAT IS NOT SUBMITTED

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.

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

TOWN PLAN #:

rown	OF	HERNI	DON,	VIRGINIA
	C	OVER	SHE	ΕT



JBDIVISION OR TE PLAN NAME					
MNER, ADDRESS, INCLUDE ZIP DDE AND TELEPHONE NUMBER					
EVELOPER, ADDRESS, INCLUDE ZIP DDE AND TELEPHONE NUMBER					
ERTIFIED ENGINEER, ARCHITECT OR URVEYOR SUBMITTING PLAN, ODRESS, INCLUDE ZIP CODE AND ELEPHONE NUMBER					
AIRFAX COUNTY TAX MAP NUMBER					
OTAL AREA	 PRESEN	T ZONING _			
EVISED: JULY 2014			PAGE 1 OF	PAGES	

PROFESSIONAL SEAL AND SIGNATURE

2. UTILITY INFORMATION, AS SHOWN ON THIS PLAN, IS TAKEN FROM THE RECORDS AND/OR

3. LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED BY

BEFORE THE START OF ANY EXCAVATION OR CONSTRUCTION.

CONTRACTOR PRIOR TO CONSTRUCTION.

VERIFY EXACT LOCATION.

EXISTING UNDERGROUND UTILITIES, NOTIFY "MISS UTILITY" AT 1-800-552-7001, 72 HOURS

CONTRACTOR/ENGINEER SHOULD DIG TEST PITS BY HAND AT ALL UTILITY CROSSINGS TO

_; AND CANNOT BE GUARANTEED. FOR EXACT LOCATIONS OF