

PUBLIC IMPROVEMENT PLAN FIRST SUBMISSION CHECKLIST



Engineers & Surveyors Institute 4795 Meadow Wood Lane, Suite 115 East, Chantilly, VA 20151 Phone: 703-263-2232 http://www.esinova.org

District: Review Date:	
Submitting Firm: Contact Name: Phone Number:	
DPE Number: DPE Name:	
ESI Peer Reviewer's Firm:	

Plan is non-acceptable if any * box is checked without explanation on plan or alternate solution noted.

LINE	Plan is non-acceptable if any * box is checked without explanation on plan or alternated by the CODE SECTION REQUIREMENT		SHEET	NO	N/A	FFX
	332232311311	COVER SHEET	011221	 	, ,	
1	LDS Notice 2/24/2016	3/16 edition of cover sheet used		*		
		Plan approval information completed (identification number,				1
2	LDS Notice 2/24/2016	approval dates, and sheet number)				ı
	LDS Tech Bulletin 02-16	All approved waivers/modifications and waiver/modification				
3	LDS Notice 2/24/2016	requests are listed, including the ones approved with the zoning				
		application				
-	PFM 9-0202.2C	Fire Marshal notes and data filled in				
	PFM 10-104.1A	Sanitary sewer information filled in				
	112-17-106.3	Vicinity map legible and to 1"=2,000' scale or greater				
7	LDS Notice 2/24/2016	Stormwater Information filled in				
8	112-17-106.3 PFM 8-0201.6	Vicinity map shows maintenance responsibilities for existing and				
	PFIVI 8-0201.0	proposed sidewalk/trail (VDOT, County or privately maintained) Vicinity map shows street names and route numbers for adjoining				
9	112-17-106.3	streets.				
10	112-17-106.4	Tax map reference number(s) filled in correctly		*		·
		Name, contact information and address of the owner and				
11	112-17-106.4	developer filled in				
12	LDC Notice 2/24/2016	Design engineer/surveyor's name, address, and phone number				
12	LDS Notice 2/24/2016 shown. Project manager name and email provided.					
13	112-17-106.4	Magisterial district shown and is correct		*		
		Certificate signed by the surveyor or engineer setting forth the				
14	112-17-106.6	source of title of the owner of the site and the place of record of				
		the last instrument in the chain of title				
15	112-17-106.7	Soil map shown, with site identified. Soils map is based on current		*		
		County Soils Map.		*		
16	112-17-106.7	Soil data chart filled in per " <u>Description & Interpretive Guide to</u>				
17	112 17 106 25	Soils in Fairfax County" Our or /developer wetlands contification signed		*		
	112-17-106.25 LDS Policy	Owner/developer wetlands certification signed Sheet index and sheet titles match		*		
10	LD3 FUIICY	PUBLIC STREETS				
		Road name and route number shown for existing state-maintained				
19	112-17-106.11	streets				
	112-17-106.11	Street widths, pavement, curb type and right-of-way shown for				
20	LDS Policy	existing and proposed streets		*		
	VDOT Road Design	Right of way, driveways, intersections, medians, curb or edge of				-
21	Manual	pavement shown and labeled on both sides of existing roadways				
		Vehicular travel lanes, services drives, driveways or other access				-
22	112-17-201.3	connections to adjoining properties are proposed or service				
		drive/travel lane waiver is approved				

LINE	CODE SECTION	REQUIREMENT	SHEET	OK	NO	N/A	FFX
	PFM 7-0101.2						
23	VDOT Road Design	Curve data shown for new streets and conform with street category					i
	Manual Appendix A-1						
24	PFM 7-0107.5A & 5B	Stop or yield signs shown at all intersections					
25	PFM 7-0201.1C PFM 7-0304.13	All proposed street construction is within existing or dedicated street right-of-way					
	FFIVI 7-0304.13	Curb-cut ramps provided where required (at site entrance curb					
	PFM 7-0301.1A & 1B	returns, along accessible routes, at major crosswalks, HC accessible					i
26	PFM 8-0101.8	parking spaces, etc.). Curb cut ramps are entirely within right of					1
		way if VDOT maintained.					
	PFM 7-0303	Type, width and throat length of entrance(s) shown. Curb radii					i
27	VDOT Road Design	labeled.					ı
	Manual App. F Section 4						
		Profile shown for all proposed streets including widening and					ı
		turning lanes on existing streets. Elevations, percent grade, culverts, storm/sanitary sewer and utility crossings shown on street					1
28	PFM 7-0304	profile. Existing centerline profiles is shown for 200 feet minimum					1
		distance to ensure a proper grade tie when a proposed street is an					1
		extension of or connects with an existing street.			*		ı
29	PFM 7-0304	Centerline stationing shown in plan view for existing and proposed					
29	PFIVI 7-0304	streets					
		Sight distance plan and profile shown. Required or available sight					ı
	PFM 7-0305	distance shown along the path of the sighted vehicle and not along					
30	112-2-505	the line of sight. Sight triangle is clear of obstructions. Sight					
	VDOT Road Design Manual Appendix F	distance easement exists or proposed where the sight line leaves the right of way. Sight distance easement is shown on layout,					1
	ivialiuai Appelluix F	grading, tree preservation and landscape plans.			*		ı
	PFM 7-0306.6B						
31	VDOT Road Design	For proposed streets, typical section with dimensions, street					1
	Manual Appendix A-1	category, and design speed are provided			*		
32		For existing streets posted speed is provided					
	VDOT Road Design	Turn lanes are proposed where required unless a Design Waiver is					1
33	Manual Appendix F	approved					1
	Section 3 VDOT Road Design	Cuper playation provided where required by category					
34	Manual Appendix A	Super-elevation provided where required by category					1
	VDOT IIM-LD-55	At least one curb ramp provided across from new intersections on					
35		existing curb and gutter roadways. One curb ramp provided in each					1
	PFM 7-0301	direction of intersection crossings.					1
36	ADA VDOT IIM-LD-55	Curb ramp width matches connecting sidewalk/trail					
37	VDOT IIM-LD-55	Curb ramp spot elevations provided to confirm ramp slopes, gutter					ı
		pan transitions, etc.					
38	VDOT Policy	Latest version of VDOT general notes provided					
	112-17-106.3 101-2-2(2) (Townhomes	Street names are shown for proposed streets.					
39	only)						1
	PFM 7-0107						ı
	PFM 7-0306.8 & 13D						
40	PFM 8-0100	Sidewalks provided along the site's frontage as required, unless a					
40	101-2-2(10)	modification or waiver is approved. Sidewalks connect to adjacent					ı
	VDOT SSAR	sidewalks, trails and walkways.					
	VDOT Road Design	Typical sections for existing roads are provided where sidewalk or					
41	Manual, Appendix A(1)	trail is proposed along the existing road.			*		
	LDS Policy	Sidewalk easement is proposed for sidewalks outside of ROW.			•		
42	VDOT Road Design	Sidewalk width, width of buffer strip between road and sidewalk/trail, and width of maintenance strip between sidewalk					
42	Manual, Appendix A(1)	and ROW are dimensioned					
L		and no it are amichiological		l			

LINE	CODE SECTION	REQUIREMENT	SHEET	OK	NO	N/A	FFX
		STREETLIGHTS & SITE LIGHTING					
43	PFM 7-0802.3	Existing and proposed utility poles and streetlights shown and labeled					
44	PFM 7-0802.3	Street lights are proposed along all existing and/or proposed State roads providing frontage to the site					
45	PFM 7-0804	Luminaire style, pole type, pole placement, bracket lengths and mounting heights are shown and labeled.					
4.6	PFM 7-0805.5B	Lighting computations are provided and sealed by a lighting					
46	LDS Tech Bulletin 14-07	professional for proposed non-standard streetlights					
		EROSION AND SEDIMENT CONTROL					
	PFM 2-0203.1C	Limits of clearing and grading shown and includes all work to be					
47	PFM 2-0208.12	done (offsite, utility extensions, outfalls, etc.) and matches between			*		
		grading, erosion and sediment control, landscape plans					
48	LDS Tech Bulletin 11-08	Priority Rating Form for E&S control is shown, and physiographic province is correctly identified					
49	LDS Policy	Completed certified E&S Control Checklist provided					
	PFM 12-0305.1 A						
50	VESCH Uniform Coding System	Erosion & sedimentation controls and tree protection measures identified			*		
51	PFM 11-0104.1	Two-phased E&S Plan provided for erosion and sedimentation control. The E&S narrative includes site specific sequence of					
31	PFM 11-0303.4A	construction in each phase.					
		The Phase 1 E&S Plan proposes to install controls needed with					
	PFM 11-0104.1	minimal clearing. Sediment basins and traps, perimeter dikes,					
52	4VAC50-30-40 (MS4)	sediment barriers and other measures intended to trap sediment					
	+VAC50 50 +0 (IVI5+)	are proposed in Phase 1.					
	VESCH 3.13	Sediment trap computations provided (Pipe outlet required if					
53	PFM 11-0106.2D	drainage is greater than 1 acre)					
54	VESCH 3.14 PFM 11-0106.2C	Sediment basin calculations provided					
55	PFM 11-0104.3	Region specific temporary and permanent seeding tables provided					
		Drainage divides are shown correctly, perpendicular to contours					
56	LDS Policy	and enclosed. The outfall for each drainage area is labeled. Offsite			*		
	-	contours are shown to justify drainage divides.					
		The minimum length for a temporary gravel construction entrance					
57	PFM 11-0106.2D	is dimensioned 75 feet on the detail. If wash rack is proposed, the					
		source of tire wash water is identified.					
58	VESCH	Positive drainage provided into all E&S control measures, including diversion dikes.			*		
	VESCH 3.05 (SF)	Drainage divides shown for E&S measures that have drainage area					
	VESCH 3.03 (3F)	limitations. Drainage areas do not exceed ¼ ac/100 ft for SF, 1 acre					
59	VESCH 3.07 (IP)	for IP, 5 acres for DD and 3 acres for ST. Drainage divides for SSF			*		
39	VESCH 3.13 (ST)	are only required when it needs to be demonstrated that					
	PFM Table 11.1	concentrated flow to SSF does not exceed 5 cfs.					
	FIIVI Table 11.1	Perimeter controls are shown outside of the graded area to					
60	SDID Policy	accommodate grading operation.			*		
		All erosion and sediment controls and tree protection devices are					
61	PFM 12-0305.1B	placed within the area to be disturbed.					
		Storm drain inlet protection measures shown on VESCH Plates 3.07-					
62	104-1-8(a)(3)	2, 3.07-6 and 3.07-7, which completely block the drain throat or					
		entrance are not proposed.					
63	SDID Policy	SSF adjacent to Floodplains, RPA and steep slopes					
64	VESCH 3.01	Provide safety fence where no other perimeter controls are proposed.					
		DRAINAGE					
65	PFM 6-0202.2	Drainage system honor natural divides for both concentrated and					

LINE	CODE SECTION	REQUIREMENT	SHEET	ОК	NO	N/A	FFX
		non-concentrated stormwater runoff leaving the site, unless a					
		written justification is provided and approved by the Director.					
		Concentrated runoff discharge leaving the site shall not aggravate					
66	PFM 6-0202.4	or create a condition where an existing structure under an					
		approved building permit floods. If such a structure exist,			*		
		detention for the 100-year storm event is provided. No concentrated surface water discharged offsite without			•		
67	PFM 6-0202.5	easements unless the discharge is into a natural watercourse, or					
07	PFM 6-0204.1.B.5	other appropriate discharge point.	watercourse, or				
		Sheet flow into lower lying properties: Pre- and post-developed					
		runoff computations provided to demonstrate that increase in peak					
68	PFM 6-0202.6	flow runoff would not cause or aggravate drainage problem on the			*		
		downstream properties. Description is included in the outfall					
		narrative.					
	PFM 6-0905.4.A	Starm cower profile is provided showing existing and proposed					
69	PFM 6-0902.2.G	Storm sewer profile is provided showing existing and proposed grade, depth of cover and HGL.					
	PFM Plate 62-6	grade, depth of cover and riot.					
70	PFM 6-0902.P	If storm sewer is close to any building, a loading plane diagram is					
,,,		provided.					
	PFM 6-0905	Design computations provided for closed and open systems					
71	PFM 6-1008						
	PFM 6-1200				*		
		Location and approximate extent of the overland relief paths are					
		shown. For the path, using overlaying arrows is suggested. Where					
72	DEM C 1502.2	the flow path is near buildings, shading or other suitable see-					
/2	PFM 6-1502.2 PFM 6-1502.3	through graphics are suggested to show the extent, and to					
	PFIVI 0-1502.3	demonstrate that no building is flooded by the 100-year flow. Calculations are provided assuming complete failure of storm sewer					
		system occurs.			*		
		The extent of any dam break inundation zone of a state-regulated					
		impounding structure is shown on the plan and labeled with the					
73	112-17-106.40	name of the impoundment and the date of the study that					
		established the inundation zone.					
7.4	LDC D II	Storm sewer or storm drainage easement is provided for all					
/4	LDS Policy	residential developments					
75	VDOT Drainage Manual	Flavorence are sided for both spiriting and are seed at any size					
75	Chapter 9 Section 4	Flow arrows provided for both existing and proposed storm pipe					ļ
		STORMWATER MANAGEMENT					
		Stormwater Management Narrative (if plan is subject to 124-4)		1			
76	124-2-7.B.4	A general description of the proposed stormwater management			*		
		facilities (including both quality and quantity control).					
77	124-2-7.B.4	Description of the mechanism through which the facilities will be					
		operated and maintained after construction is complete.					
78	124-4-4.D	Description of how detention requirements for the 2 and 10-year			*		
		storms are met.			*		
	124-4-1	Description of how water quality control requirements are met.			*		
80	124-4-3.D	Reference to the letter of nutrient credit availability, if applicable.					
81	PFM 6-0204	Description of downstream receiving system and extent of downstream review			*		ļ
-							
82	124-4-4.A & B	Adequacy conclusion on channel and flood protection requirements for both natural and manmade conveyance systems.	ents *				
02	124-4-4.E	Evaluation of sheet flow and its impact on adjacent properties.			*		
- 65	±47-7-7.L	Stormwater Management Narrative (if plan is subject to 124-5)		<u> </u>			
		Demonstrating compliance with the time limits provision is					
84	124-1-11	provided or a SWOD letter is included					
		A general description of the proposed stormwater management					
85	124-5-3	facilities (including both quality and quantity control)			*		ļ
	1						

LINE	CODE SECTION	REQUIREMENT	SHEET	ОК	NO	N/A	FFX
86	124-2-7.B.4	Description of the mechanism through which the facilities will be					
- 00		operated and maintained after construction is complete					
87	124-5-6.B	Description of how detention requirement for the 2 and 10-year			*		
	PFM 6-1301.5	storms are met					
88	124-5-4.A & B	Description of how water quality control requirements based on			*		
		the time limits provision are met.					
89	PFM 6-0204	Description of downstream receiving system and extent of			*		
		downstream review.			*		
90	PFM 6-0202.6	Evaluation of sheet flow and its impact on adjacent properties.			*		<u> </u>
		Stormwater Management Computations (For plans subject to Article 4 and Article 5)					
	124-4-4.D, F, & G OR	4 and Article 5)					
	124-5-3.F						
	124-2-7.B.6						İ
	PFM 6-0802.1						
91	PFM 6-0803.2	Hydrologic analysis pre and post development conditions, such as					
31	PFM 6-0803.4	all runoff computations (e.g. Tc, CN, C, etc.)					
	124-4-6.A						
	LDS Tech Bulletin 14-08						
	PFM Table 6.12						
92	PFM 6-1300	Allowable release rate computations					
	PFM 6-1301.5	Inflow and routed hydrographs for design storms					
		Outlet design computations including stage discharge curve and					
94	PFM 6-1301.7	stage-storage curve					
	PFM 6-0905	Storm sewer computations, hydraulic grade line computations,					
95	PFM 6-1109	storm inlet design computations					
96	PFM 6-1200	Culvert analysis computations to demonstrate capacity adequacy					
07	124-2-7-B.6	Hydraulic computations for natural conveyance system with cross					
97	PFM 6-0204.1.B.5	sections to verify capacity and non-erosive velocity					
00	424 4 2/424 5 4	Water quality computations based on VRRM (Article 4) or					
98	124-4-2/124-5-4	Occoquan methods (Article 5)					
-00	DENA C 4504 2 5 0 5	Overland relief computations and structure flooding based on 100-					
99	PFM 6-1501.2.E & F	year storm					
		Other Stormwater Management Requirements					
	124-4-2.B	If subject plan is within Water Supply Overlay District (WSPOD) no					
100	124-5-4.A.2	offsite credit is allowed					
	LDS Tech Bulletin 15-01						
	124-2-7.B.8	Pre and post water quality control map showing areas served by					İ
101	PFM 6-0402.8	each BMP facility and categorization of land use impervious, turf,					
		and forested areas.					
		Pre and post water quantity control map showing offsite drainage					İ
102	124-2-7.B.8	areas supporting topographic, land use and soil information, and					İ
		areas served by each stormwater detention facility.					
	PFM 4-0701.1	Depth between the bottom of the SWM/BMP facility and the					1
103	PFM 4-0702.3	seasonal high-water table (SHWT) or bedrock is shown. SHWT from			*		
	PFM 4-0703	June to October is determined by a certified professional using					
		geomorphology.					
	DEM 6 1701 2	RESOURCE PROTECTION AREA (RPA)					
104	PFM 6-1701.3 112-17-106.33	Site specific RPA boundary shown. Label references approved RPA			*		
	112-17-100.55	delineation study number and approval date					
105	118-4-2	WQIA with proper mitigation submitted or approved for water-					
		dependent improvements (outfalls) or redevelopment within RPA An RPA Exemption request is submitted or approved and provided					
106	118-5-3	for trails, sidewalk, site amenities, public utilities within RPA					
	118-6-9	An RPA Exception request is submitted or approved and provided					
107	PFM 6-0303.3	for SWM facilities or other uses within RPA					
	1 1 101 0-0303.3	TOT SAMAL LUCILITIES OF OTHER MISES MITHILL INCH.					

LINE	CODE SECTION	REQUIREMENT	SHEET	OK	NO	N/A	FFX		
	FLOODPLAIN (FP)								
108	PFM 6-0704.1	Proposed structures do not adversely affect the existing 100-year floodplain elevation.							
	DENA C 1401 1	A floodplain study is submitted or approved. 100-year floodplain							
109	PFM 6-1401.1 PFM 6-1405	limits are shown. "Floodplain and drainage easement" exists or is							
	PFIVI 0-1403	proposed.							
		A Floodplain Use Determination (FPUD) request is submitted or							
110	112-2-903	approved and provided for public utilities, roadway crossing or							
		outfall within floodplain							
111	112-2-903	A Special Exception (SE) is submitted or approved for major fill or							
	112-2-904	use that are not permitted within the floodplain							
		SANITARY SEWER	I	1					
112	PFM 10-0102.5A(4) & (5)	Vertical and horizontal separation shown between sanitary sewer							
	DEN4 10 0103 EA/7)	main and waterlines and storm sewer lines							
113	PFM 10-0102.5A(7) PFM 10-010.5L	Sanitary sewer crossing stream or on fill or deeper than 18' proposed to be DIP							
	111W110 010.5E	Sanitary sewer main is extended to the nearest property line of the							
114	PFM 10-0102.5B	last lot to be served and easements extended to a property line			*				
		where adjoining areas must be served.							
115	PFM 10-0102.5C	Sanitary sewer setback 15' from all buildings							
116	PFM 10-0102.8D	Sanitary sewer grade not less than 1% to terminal manhole							
117	PFM 10-0104.2F	Sanitary sewer profiles are provided for all proposed sewers.			*				
11/	PFIVI 10-0104.2F	Sanitary profiles are on same sheet as plan							
118	PFM 10-0104.2C	Bearings and distances on centerlines of sanitary sewers shown							
		Sewer sizes, manhole numbers and stationing shown on the plan							
119	PFM 10-104.2C & G	and repeated on the profile. The profile includes proposed			*				
		doghouse manholes or cut-in manholes from the existing upstream							
		and downstream manholes.							
120	PFM 10-0104.2D	Location of existing structures, houses, utility crossings, curbs, property lines, railroad crossings, culverts and bridges shown on							
120	PFIVI 10-0104.2D	plan view							
121	WPMD Policy	Location of utility crossings shown on profile							
	TWI WIE T ONLY	FAIRFAX WATER (FW)							
	PFM 9-0102.2	Location, size and type of proposed and existing water mains and							
122	112-17-106.29	fire hydrants shown and labeled			*				
123	PFM 9-0102.3A	Proposed tie-ins to existing water system shown			*				
	PFM 9-0102 3A	<u> </u>							
124	FW Policy	Water main stationing on the plan and profile			*				
125	PFM 9-0102.3B	Water mains have 4' of cover unless otherwise noted. Proposed							
123	FW Policy	cover is labeled.							
		Plan and profiles of all utility crossings of water mains within the							
426	PFM 9-0102.3D	easements are shown.							
126	FW Policy	Utility crossings labeled, including all sanitary laterals, Call outs for minimum clearances are shown.							
		Water main crossings are shown on the storm and sanitary profiles.							
		No permanent structures are shown within the public water supply							
127	PFM 9-0102.3D	easement			*				
128	PFM 9-0102.3S	Profile of all proposed public water mains included							
_	PFM 9-0102.3V	Test holes shown where required							
	Fire Marshal Policy	Profile of all private fire lines are shown with min. 4' cover							
	-	All hydrant, water service, fire line and stub-out valves must be							
131	PFM 9-0102.3J	restrained							
		URBAN FORESTRY							
132	PFM 12-0204.3	Tree protection are shown on demolition plan							
132	PFM 12-0305.1A	The protection are shown on demonstral plan							

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122	DEM 12 0204 1A	Existing tree line for groups of trees are clearly shown with graphic					
133	PFM 12-0304.1A	key provided					
134	PFM 12-0309.2E	Tree protection devices and treatments are shown and identified					
135	PFM 12-504.1B	Proposed limits of clearing and grading is shown and labeled and					
133	PFM 2-0208.12	clearing limits match among all site plan sheets					
		MISCELLANEOUS					
126	112-17-106.1	All sheets have engineer's and/or surveyor's/landscape architect's					
130		seal and signature			*		
137	PFM 2-0101.1	All approved waivers are valid and shown on the plan, with waiver					
	County Policy	condition compliance narrative					
138	PFM 2-0106.1	Proposed grading shown by contours and spot elevations			*		
130	112-17-106.2	Plan is drawn to a scale of not less than $1'' = 50'$. Match lines are					
133	112 17 100.2	shown where sheets join.					
		Plan is legible at the scale provided:					
140	LDS Policy	Screening is not too light. Labels do not overlap			*		
140	LD3 I oney	Proposed improvements can be clearly differentiated from existing.					
		(For more detailed directions see Note-2)					
		Adequate information is provided on each sheet:					
		Storm sewer system, RPA, and FP limits, with labels are shown on					
141	LDS Policy	all applicable sheets (Existing conditions, Site, Grading, E&S, and					
		Landscape).			*		
		Storm, sanitary sewer and water lines are shown on the same sheet					
		with horizontal clearances clearly dimensioned.					
142	112-17-106.5	North arrow referenced to State Grid System (VCS 83) and					
	101-2-5(c)(6)	reference note is provided			*		
	112-17-106.5	Two adjacent corners or two points with coordinate values are					
143	101-2-5(c)(6)	shown on existing conditions, layout and grading plan sheets.					
		Metes and bounds are provided around the site boundary.					
144	112-17-106.5	Vertical datum reference note is provided, and it refers to NGVD					
	101-2-5(c)(6)	1929					
	112-17-106.9	Existing topography drawn at maximum 2' intervals. Where					
145	112-17-106.10	existing slope is less than 2%, additional spots or 1-foot contours					
	LDS Policy	are provided. Sufficient number of elevation labels shown on					
	•	existing and proposed contour lines.					
	112 17 100 11	Proposed easements are shown and identified as "proposed".					
146	112-17-106.11	All existing easements are shown and labeled with deed book and					
	LDS Policy	page numbers.			*		
		Easements are shown on all applicable sheets including E&S sheets. Owners, zoning and present use of all adjoining properties must be					
147	112-17-106.11	shown					
		Sufficient existing condition information (i.e. topography,					
148	112-17-106.18	structures, etc.) is shown beyond property boundaries, so impacts					
140	124-2.7.B.8.e	on adjacent properties can be evaluated					
		Trails or walkways are provided in accordance with the					
		Comprehensive Plan unless waiver request submitted or approved.					
		Adequate right of way is provided for trails within the right of way.					
	112-17-201.2	Public access easements are proposed for owner- maintained trails.					
149	PFM 8-0202.2C	Trail easements are proposed for publicly maintained trails within					
	PFM 7-0306	private property.					
		Trail shoulder shown and is within the easement. Trail type and					
		typical section is provided					
		Location, type, size and height of any fencing and retaining walls					
	112-17-106.13	are shown. Footing of wall is within construction limits. Adequate					
150	LDS Policy	space is provided between wall footing and limits of construction					
	/	for installation of perimeter controls.					
1-1	442.47.426.45	Horizontal location of all proposed trails and vertical location of any					
151	112-17-106.15	trail which is proposed to exceed an 8% grade					

LINE	CODE SECTION	REQUIREMENT	SHEET	OK	NO	N/A	FFX
152		The location, elevation, and description of two benchmarks which are properly correlated to the plan elevations are shown on the plan					
153	1 PEM 2-0304 2	Horizontal and vertical location of existing transmission lines and pipelines and associated easements shown					

Notes:

- 1) Applicant's Response shown in "Compliance Method" Column in Proffer/Development Condition Compliance Matrix
 - Describe how each proffer/development condition is addressed. All responses shall be specific to the project and demonstrate how each proffer/development condition is met (partially or completely).
 - Do not fill in "Acknowledged". All acknowledgements happened at the time of proffer/development condition negotiations when the Applicant agreed with all proffers.
 - Do not repeat the proffer in Compliance Method column. Instead, describe how the plan has addressed the requirements of the proffer/development condition partially or entirely.
 - Provide separate compliance method for each subsection of each proffer/development condition.
 - Do not use any "may" or "shall" in your compliance description. At this stage, all requirements should be either met, or non-applicable.
 - Associated site plan # and sheet number should be listed in the next column and not under this column.

2) Readability

A readable plan is necessary for reviewers to conduct a thorough review and for site inspectors to enforce the approved plan during construction. Factors that diminish readability include, but are not limited to: overlapping lines, labels or information; insufficient distinction among line types or line weights; inaccurate or missing legend; heavy lines or shading that obscures underlying information; misplaced or missing leaders; lines or features without labels; scale too small to clearly depict all information; existing features indistinguishable from proposed work; and unreadable text (smaller than 0.1 inch, blurred, obscured by linework, overlapping text).

ESI Peer Reviewer: COMPLETE NEXT PAGE for timely distribution to agencies that are not involved in the normal review function.

	Public Improvement Plan Routing Slip	
	From: ESI PEER REVIEW	
Plan Name:	Plan Number:	Date:
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AGENCY	YES	PROFFER/CONDITION NUMBER	N/A
Fairfax County Park Authority			
Proffer requiring Park Authority review			
Work on FCPA property			
Dedication of land to FCPA or for park purposes			
Site is Adjacent to FCPA property			
Park- or archeological work-related proffers/conditions			
Storm outfall directed onto parkland			
Planned Mixed Use development: PDC, PRM, PRC, PDH, PTC			
(Transit Station Areas, Community Business Centers,			
Suburban Centers, Reston, Tysons)			
Reston TSAs (Herndon, Reston Town Center, Wiehle-Reston East: Tax			
maps 17-1, 17-2, 16-3, 16-4, 17-3, 17-4, 18-3, 26-1, 26-2 or 27-1)			
Countywide trail construction, trail connection to parkland			
Development of property containing a floodplain/RPA			
Historic Overlay District			
Department of Planning and Development Heritage Resources			
Proffer/Condition/Directed Review by BOS			
Historic Overlay District			
Site is on Inventory of Historic Sites			
Planning Commission			
BOS Directed PC Review			
Board of Supervisors			
BOS Directed BOS review			
Health Department			
Septic/Well/Public pool			
Northern Virginia Soil and Water Conservation District			
DPWES project			
FCPA project			
Fairfax Water			
FCPS Project			
Pohick Watershed			
problem soils, steep slopes			
Other			
Other			