

PRELIMINARY PLAT CHECKLIST

Founded 1987

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http://www.esinova.org

Plan Name:		Record Number:	
District:	Review Date:		
Submitting Firm:	Contact Name:	Phone Number:	
DPE Number:	DPE Name:		
SI Peer Reviewer Name:	Peer Reviewer's Firm:		

Plan is non-acceptable if any * box is checked w/o explanation on plan or alternate solution noted.

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LINE	CODE SECTION	REQUIREMENT	SHEET	ОК	NO	N/A	FFX
		GENERAL		1	T	1	
1	101-2-2(4)	Reservations provided for public use in accordance with comprehensive plan, capital improvements program, and official map.					
2	101-2-3(a)	Land surveyor's/professional engineer's signature, date, and seal on plan.			*		
3	101-2-3(c)	Maximum sheet size is 36" x 48". Scale is no smaller than 1" = 100' or 1 " = 50' if proposed lots are on septic.					
4	101-2-3(c)	Match lines clearly indicate where the sheets join.					
5	101-2-3(c)(1) LDS Policy	Name of subdivision, owner, subdivider, date of drawing, number of sheets, sheet index, annotated north point/arrow and scale included.			*		
6	101-2-3(c)(2)	Vicinity map, $2'' = 1$ mile $(1'' = 2,640')$ minimum with roads/road names/route numbers/schools/etc. shown.					
7	LDS Policy	Sidewalk/trail maintenance responsibility is noted on plan.					
8	101-2-3(c)(3)	Boundary bearings and distances shown. Total acreage, acreage of subdivided area, number and approximate area of all lots and parcels included.					
9	101-2-3(c)(3) 112.1-5100.2.E 112.1-5100.3	Computations showing conformance with the density and open space requirements included.			*		
10	112.1-5100.2.E(2)	Calculated density includes adjustments if flood plain, 15% slopes, or marine clay comprise 30% of the total lot area.					
11	112.1-5100.2.E(3)	No density credit is calculated on major utility easements acquired after August 14 th , 1978.					
12	101-2-3(c)(3)	Adjoining property owners, departing property lines shown.					
13	101-2-3(c)(4)	Existing and proposed sanitary sewers, water lines, hydrants, tie in locations, as well as any other utilities or related easements are shown.			*		
14	101-2-3(c)(7)	The necessity for floodplain studies, drainage studies, soil reports, and easements and/or letters of permission for off-site construction are identified.			*		
15	101-2-3(c)(8), PFM 2-0106.1	Topography with 2' contour intervals shown and correlated to NGVD 1929 datum.			*		
16	101-2-3(c)(9)	Statement concerning erosion and sediment control measures to be provided prior to any clearing, grading or construction, including proposed limits of clearing included.					
17	101-2-3(c)(14) PFM 2-0108.1	A map identifying classification of soils type at a scale not smaller than 1" = 500' is shown.					
18	PFM 2-0108.1	Soil type for each lot is identified in tabular form by soil identification number, name and problem class.					
19	101-2-3(c)(15) 118-3-2(j) PFM 2-0208.22	Buildable area allowed on each lot is delineated.					

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20	101-2-3(18)	The extent of any dam break inundation zone of a state-regulated					
	LDS Tech Bulletin	impounding structure is identified and labeled with the name and state-					
	9-10	issued identification number of the impoundment.					
21	112.1 Article 2	District size, lot areas, and lot widths conform to minimum zoning			*		
		requirements.					
22	112 1 5100 2 11	For irregularly shaped lots the Lot Shape Factor (SH=P ² /A) calculation is					
22	112.1-5100.2.H	provided to demonstrate compliance. Shape factor meets zoning district requirements.					
		Minimum building setbacks from arterial highways and railroad tracks					
23	112.1-5100.2.D(8)	are shown.					
		Setbacks for existing buildings shown to all proposed property lines and					
24	112.1 Article 2	meet minimum yard requirements. Minimum yard lines shown for all					
		lots.					
		STREETS		_			
	101-2-2(3)(c) PFM	All lots for single family detached dwellings have frontage on existing					
25	2-0102.1	VDOT maintained public streets or proposed standard streets that will					
		be VDOT maintained.					
		All existing, platted and proposed streets and easements, their names,					
26	101-2-3(c)(4)	route numbers, and design speeds (posted speeds if design speeds are					
		unavailable) shown.					
27	101-2-3(c)(4)	Approximate widths of all existing, platted and proposed streets shown.					
	101 2 2/5//4/	(both right of way and pavement widths)					
28	101-2-3(c)(4) LDS Policy	Typical cross sections of existing, platted and proposed streets and widenings shown.					
	LD3 Policy	Category, centerline radius, horizontal and vertical alignments and for					
29	101-2-3(c)(4)	all proposed streets shown.					
	101-2-3(c)(4)	Sight distance plan and profile shown for new intersections along					
30	PFM 7-0305	existing street, as well as proposed onsite streets.			*		
2.1	101 0 0/ \/4\	Existing and proposed turn lanes, transitions and median breaks are					
31	101-2-3(c)(4)	shown. Service drives on primary highways shown.					
32	101-2-3(c)(4)	Vehicle trip estimates and proposed stop and yield signs indicated.					
33	101-2-3(c)(4)	Streets and driveways on opposite side of road are shown.					
33	LDS Policy	Streets and universals on opposite side of road are shown.					
34	101-2-3(c)(4)	Public areas shown. Parking spaces for townhouses shown.					
	101-2-3(c)(4)	Walks and trails are located as required by lot size, proximity of schools					
35	PFM 8-0100	and the adopted trails plan. Walking distance to schools is measured					
	PFM 8- 0201.1	along existing sidewalk from subdivision property line to nearest school					
	PFM 8-0201.3	property line. Lots in the subdivision are designed so that sites or lots will not have					
36	PFM 2-0102.4	direct access to any arterial road unless deemed necessary by the					
30	11111 2 0102.4	Director.					
		Proposed private streets in a residential development that are to be					
37	112.1-5107.3.A(3)	owned and maintained by a nonprofit organization (for example HOA)					
		do not exceed 600 feet in length unless approved by the Director.					
		STREETLIGHTS					
38	101-2-3(c)(4)	Existing and proposed utility poles and streetlights are shown and			*		
30	101 2 3(0)(+)	labeled.					
	101-2-3(c)(4)	For subdivisions with an average lot size less than 18,000 square feet,					
39	PFM 7-0802.1A.1	streetlights are provided along all subdivision roadways that are or will			*		
		be included in the State Roadway System. (Streetlights are not required					
		along private roadways.)					
40	DENA 7 0003 1 A 3	For subdivisions with an average lot size less than 18,000 square feet, a			*		
40	PFM 7-0802.1A.2	minimum of three streetlights are provided along all the existing and/or					
<u> </u>	<u> </u>	proposed State roadway(s) at all entrances into the subdivision.					

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		For subdivisions with an average lot size less than 18,000 square feet,					
41	PFM 7-0802.1A.2	when subdivision lots are accessed directly from an existing roadway,					
		lights are provided along the entire frontage of these lots.					
40	42 PFM 7-0802.1B.2	For subdivisions with an average lot size of 18,000 square feet or					
42		greater, a minimum of three streetlights are provided along all existing					
		State roadway(s) at all proposed entrances into the subdivision.					
43	DEN 4 7 0004 2	LED standard light source is shown for all proposed streetlights. All MV,					
43	PFM 7-0804.2	HPSV and MH existing source lights are proposed to be converted to LED.					
	PFM 7-0804; Plate	Luminaire style, pole type, pole placement, bracket lengths and					
44	28-7, 29-7, 30-7	mounting heights are shown and labeled.					
	120 7, 23 7, 30 7	DRAINAGE & STORM SEWERS					
		If discharge is to an open channel, it is an existing natural watercourse					
45	PFM 6-0201.2	(a stream with a defined channel) or manmade channel with sufficient					
		capacity.					
		Drainage systems honor natural divides for both concentrated and non-					
46	PFM 6-0202.2	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 or					
47	PFM 6-0202.4	create a condition where an existing structure under an approved			*		
		building permit floods. If such a structure exist, detention for the 100-					
40	25146 2222 5	year storm event is provided.					
48	PFM 6-0202.5	No concentrated surface water discharged offsite without easements.					
		Sheet flow into lower lying properties: Pre- and post-development					
49 PFM 6-0202.6	runoff computations provided to demonstrate that increase in peak flow runoff would not cause or aggravate drainage problem on the			*			
		downstream properties. Description is included in the outfall narrative.					
		Cross-sections have equal horizontal and vertical scale; water surface					
50	PFM 6-0203.2C	elevation and computations shown for existing natural defined			*		
		channels.					ļ
	PFM 6-0203.3	Adequacy verified for all natural watercourses, channels, and pipes in					
51	101-2-3(c)(6)	accordance with channel protection and flood protection requirements			*		
31	124.1-4-4.A & B	in Chapter 124.1. Narrative and computations provided with adequacy			·		
		conclusion.					
52	PFM 6-0905, 1007						
	& 1200	driveway culverts.					
53	PFM 6-1108.1	Quantities of surface runoff greater than 2 cfs or crossing more than 3					
		lots is conveyed in a closed drainage system.					
5.4	PFM 6-1502.2,	Location and approximate extent of the overland relief paths shown in			*		
54	1501.2A	proximity of buildings. Calculations provided. No building is flooded by the 100-year flow.			·		
		STORMWATER MANAGEMENT: QUANTITY & QUALITY CONTROL					
	LDS Notice	Completed and accurate Stormwater Management Plan Completeness					
55	7/24/2014	Checklist included if stormwater management plan is incorporated.					
		Location of stormwater management facilities (such as Best					
56	101-2-3(c)(5)	Management Practices [BMP], detention, and/or retention ponds), and			*		
		location of maintenance accessways, shown.					
57	101-2-3(c)(5)	Approximate sizing and a summary of approximate amount of					
		detention for stormwater management facilities shown.					
	101-2-3(c)(5)	Approximate sizing and a summary of BMP facilities shown.					
58	124.1-4-2	Computations demonstrate compliance with water quality control					
	124.1-4-3	requirements, including VRRM spreadsheet.					
50	101-2-3(c)(6)	Sufficient detail to verify the presence of an adequate outfall as defined in the "Public Facilities Manual" including but not limited to an outfall					
59	PFM 6-0203.3	in the "Public Facilities Manual," including but not limited to an outfall					
		narrative, drainage areas, and pipe sizes.					

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		If subject plan is within Water Supply Protection Overlay District					
60	124.1-4-2(B)	(WSPOD) minimum fifty (50) percent reduction in phosphorous is provided.			*		<u> </u>
61	PFM 6-0301.1 & 6-0301.2	Waiver requested for use of off-site SWM detention. Waiver request or approval letter is on plan and listed in approval information table on cover sheet with ID number and approval date.					
62	PFM 6-0303.6B	A PFM modification request has been submitted or approved for underground facilities other than listed in PFM 6-0303.6B.					ı
		FLOODPLAIN/RPA					
63	PFM 2-0102.5	No grading or filling is proposed in a floodplain or resource protection area.					
64	PFM 6-1701.3 LDS Tech Bulletin 08-12	Site specific RPA boundary shown. RPA label references approved RPA delineation study number.			*		
		FAIRFAX WATER & FIRE MARSHAL					
65	101-2-3(c)(4)	Available fire flow shown.					
66	PFM 9-0102.2	Location, size and type of proposed and existing water mains shown.			*		
67	PFM 9-0102.3A	Proposed tie-ins to existing water system shown.			*		
68	PFM 9-0102.3D	Utility crossings shown on the profiles.			*		
69	PFM 9-0103.8	Location of existing and proposed fire hydrants shown.			*		·
		FOREST CONSERVATION					
70	PFM 12-0301.1A PFM 12-0304.1	Tree conservation plans include building envelopes, proposed & existing conservation & utility easements, RPA boundary etc.					
71	PFM 12-0301.1D PFM 12-0311	10-year tree canopy calculations provided.			*		
72	PFM 12-0302.1B PFM 12-0308	Tree preservation plan and narrative including any deviation requests included.			*		
73	PFM 12-0302.1F	Landscape plan shown if planting required to meet 10-year tree cover requirements.					
74	PFM 12-0303.2 PFM 12-0306	Existing Vegetation Map (EVM) included.			*		
75	PFM 12-0303.2A PFM 12-0307	Tree inventory and conditions analysis included if removing or preserving existing trees.					