

General Template Notes:

- **Layer 0-SHEET is a locked layer. Do not make any edits to any text or objects on layer 0-SHEET or the submission acceptance will be voided.** See attachment on the last page of this instruction manual for visual guidance on which text / items in the template are editable and which are locked.
- The bottom right rectangle on all sheets is the designated area for Land Disturbance Activity Approval Stamp. Do not place any text or objects within the limits of the rectangle.
- Use the PDF version of the Alternative Compliance Single Family LDA AutoCAD Template as a guide when creating your AutoCAD Drawing.
- Reference in your firm's border, scale, and north arrow. The firm's border must fit inside the designated margins shown in the AutoCAD template.
- Always update the revision block in the top left corner when revising a sheet.
- After downloading the .zip file from the Arlington County website, rename the .zip file to "PDF.zip".

Arlington County – Alternative Compliance Single Family LDA AutoCAD Template Instruction

Individual CAD Drawing	Sheet Number	Sheet Name	Instruction
1	1	COVER SHEET	<ul style="list-style-type: none"> • Edit items which appear in red in AutoCAD. • Add hydrologic soils map for subject property & insert north arrow. • Add lot coverage information. • Add location map, adjust hatch to highlight subject property. Insert scale and north arrow. Scale to be no less than 1" = 600'. • Insert Sheet List Table.
2	2	DEMOLITION PLAN / EROSION & SEDIMENT CONTROL PLAN	<ul style="list-style-type: none"> • Show Existing Conditions / Demolition / Erosion & Sediment Control Plan in AutoCAD viewport (as shown). Recommended scale is 1" = 10', 1" = 15', or 1" = 20' depending on project size. Insert scale and north arrow for AutoCAD viewport. • Edit items which appear in red in AutoCAD. • Add additional notes regarding Existing Conditions, Demolition, and Erosion & Sediment Control in direct location on sheet (as shown in Alternative Compliance Single Family LDA AutoCAD Template Guidance PDF). • Add to Erosion & Sediment Control Legend as necessary. • Add to Existing / Demo Legend as necessary.
3	3	GRADING PLAN	<ul style="list-style-type: none"> • Show Grading Plan in AutoCAD viewport (as shown). Recommended scale is 1" = 10'. Utilize 1" = 10', 1" = 15', or 1" = 20' depending on project size. Insert scale and north arrow for AutoCAD viewport. • Show Offsite Drainage Area Map in AutoCAD viewport (as shown in Alternative Compliance Single Family LDA AutoCAD Template Guidance PDF). Recommended scale is 1" = 25'. Insert scale and north arrow for AutoCAD viewport. • Edit items which appear in red in AutoCAD. Add additional Water Main, Sanitary, Grading Plan, or Dry Utility notes, as necessary. • Add to Grading Plan legend as necessary.
4	4	UTILITY/INFRASTRUCTURE PROFILES & DETAILS	<ul style="list-style-type: none"> • PDF attach "M-6.0", "R-2.0", "W-8.0", "W-9.0" & "R-2.4 (obtain from Arlington County DES Construction Standard Details for specific driveway type)" in direct location on sheet (as shown in Alternative Compliance Single Family LDA AutoCAD Template Guidance PDF).

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			<ul style="list-style-type: none"> • Add additional utility / infrastructure details as necessary.
5	5	EROSION & SEDIMENT CONTROL NOTES	<ul style="list-style-type: none"> • Edit items which appear in red in AutoCAD.
	6	EROSION & SEDIMENT CONTROL DETAILS	<ul style="list-style-type: none"> • PDF attach “SSF”, “Dewatering Bag”, & “Concrete Washout - Wooden” in direct location on sheet (as shown in Single Family LDA AutoCAD Template Guidance PDF). • Add additional Erosion & Sediment Control details as necessary.
6	7	SOIL PROFILE REBUILDING & SWM MAINTENANCE AND MONITORING AGREEMENT	<ul style="list-style-type: none"> • Add Soil Profile Rebuilding Exhibit. • Edit Soil Profile Rebuilding Table. • Add Arlington County Stormwater Management Ordinance Guidance Manual Appendix A – Stormwater Facility Maintenance and Monitoring Agreement in direct location on sheet (as shown in Alternative Compliance Single Family LDA AutoCAD Template Guidance PDF). Only add sheets indicated in Single Family LDA AutoCAD Template Guidance PDF.
	8	STORMWATER POLLUTION PREVENTION CONTROL PLAN (SWPPP)	<ul style="list-style-type: none"> • Add Arlington County Stormwater Management Ordinance Guidance Manual Appendix B – Stormwater Pollution Prevention Plan Agreement in direct location on sheet (as shown in Alternative Compliance Single Family LDA AutoCAD Template Guidance PDF). Only add indicated sheets. • Add Arlington County Responsible Land Disturber (RLD) form in direct location on sheet (as shown in Alternative Compliance Single Family LDA AutoCAD Template Guidance PDF).
7	L1	EXISTING VEGETATION AND TREE PROTECTION PLAN	<ul style="list-style-type: none"> • Show Existing Vegetation and Tree Protection Plan in AutoCAD viewport (as shown). Recommended scale is 1” = 10’. Utilize 1” = 10’, 1” = 15’, or 1” = 20’ depending on project size. Insert scale and north arrow for AutoCAD viewport. • Add to Existing Vegetation and Tree Protection legend as necessary. • Edit items which appear in red in AutoCAD. Add additional Landscape Conservation notes as necessary. • Complete Canopy Calculation Table. • Complete Tree Survey Information Table.

Arlington County – Alternative Compliance Single Family LDA AutoCAD Template Instruction

	L2	LANDSCAPE CONSERVATION PLAN	<ul style="list-style-type: none"> • Show Landscape Conservation Plan in AutoCAD viewport (as shown). Recommended scale is 1" = 10'. Utilize 1" = 10', 1" = 15', or 1" = 20' depending on project size. Insert scale and north arrow for AutoCAD viewport. • Add to Landscape Conservation legend as necessary. • Edit items which appear in red in AutoCAD. Add additional Landscape Conservation notes as necessary. • Complete Tree Planting Calculations Tables. • Complete Canopy Calculation Table. • PDF attach "Tree Planting Detail" in direct location on sheet (as shown in Single Family LDA AutoCAD Template Guidance PDF).
	L3	LANDSCAPE CONSERVATION DETAILS AND CORRESPONDENCE	<ul style="list-style-type: none"> • PDF attach "Tree Protection Fence" & "Tree Protection CRZ" in direct location on sheet (as shown in Single Family LDA AutoCAD Template Guidance PDF). • Attach Neighbor Letters and Certified Mail Receipts in direct location on sheet (as shown in Single Family LDA AutoCAD Template Guidance PDF).
8	SWM1	DRAINAGE AREA MAPS	<ul style="list-style-type: none"> • Show Existing Conditions Drainage Area Map and Proposed Conditions Drainage Area Map in AutoCAD viewports (as shown). Recommended scale is 1" = 10'. Utilize 1" = 10', 1" = 15', or 1" = 20' depending on project size. Insert scale and north arrow for AutoCAD viewports. • Add to Drainage Area Map legend as necessary. • Edit items which appear in red in AutoCAD. Add Drainage Area Map narrative and Drainage Area Map notes as necessary. • Complete Impervious Area Calculations table.
	SWM2	STORMWATER MANAGEMENT COMPUTATIONS	<ul style="list-style-type: none"> • Edit Stormwater Management Narrative. • Copy & Paste Alternative Compliance Option LDA 2.0 Spreadsheet from Microsoft Excel to AutoCAD Drawing in direct location on sheet (as shown). Delete example Microsoft Excel clippings.
9	SWM3	STORMWATER FACILITY SHEET – PERMEABLE PAVEMENT	<ul style="list-style-type: none"> • Complete Construction Inspection Checklist: Permeable Pavement PDF and PDF attach completed PDF in direct location on sheet (as shown). Delete example PDF.

Arlington County – Alternative Compliance Single Family LDA AutoCAD Template Instruction

			<ul style="list-style-type: none"> • Copy & Paste Alternative Compliance Option LDA 2.0 Spreadsheet from Microsoft Excel to AutoCAD Drawing in direct location on sheet (as shown). Delete example Microsoft Excel clippings. • Show Permeable Pavement Drainage Area Map in AutoCAD viewport (as shown). Scale to be no less than 1" = 20'. • PDF attach "PP – Mat Specs", "PP – Maintenance", "PP – SWM 2", "PP – SWM 3" & "PP – SWM 4" in direct location on sheet (as shown in template PDF).
	SWM4A	STORMWATER FACILITY SHEET – DETENTION TANK	<ul style="list-style-type: none"> • Complete Construction Inspection Checklist: Detention Tank PDF and PDF attach completed PDF in direct location on sheet (as shown). Delete example PDF. • Show Detention Tank Drainage Area Map in AutoCAD viewport (as shown). Scale to be no less than 1" = 20'. • Attach manufacturer detail and specifications in direct location on sheet (as shown).
	SWM4B	STORMWATER FACILITY SHEET – DETENTION TANK COMPUTATIONS	<ul style="list-style-type: none"> • Copy & Paste Alternative Compliance Option LDA 2.0 Spreadsheet from Microsoft Excel to AutoCAD Drawing in direct location on sheet (as shown). Delete example Microsoft Excel clippings.
	SWM5	STORMWATER FACILITY SHEET – URBAN BIORETENTION PLANTER BOX	<ul style="list-style-type: none"> • Complete Construction Inspection Checklist: Urban Bioretention PDF and PDF attach completed PDF in direct location on sheet (as shown). Delete example PDF. • Copy & Paste Alternative Compliance Option LDA 2.0 Spreadsheet from Microsoft Excel to AutoCAD Drawing in direct location on sheet (as shown). Delete example Microsoft Excel clippings. • Show Planter Box Drainage Area Map in AutoCAD viewport (as shown). Scale to be no less than 1" = 20'. • PDF attach "Planter Box Maintenance", "Planter Box Mat Specs", & "Planter Box Plant Schedule" in direct location on sheet (as shown in template PDF).
	SWM6	STORMWATER FACILITY SHEET – MICRO-BIORETENTION	<ul style="list-style-type: none"> • Complete Construction Inspection Checklist: Bioretention PDF and PDF attach completed PDF in direct location on sheet (as shown). Delete example PDF. • Copy & Paste Alternative Compliance Option LDA 2.0 Spreadsheet from Microsoft Excel to AutoCAD Drawing in direct location on sheet (as shown). Delete example Microsoft Excel clippings.

Arlington County – Alternative Compliance Single Family LDA AutoCAD Template Instruction

			<ul style="list-style-type: none"> • Show Micro-Bioretenment Drainage Area Map in AutoCAD viewport (as shown). Scale to be no less than 1" = 20'. • PDF attach "Micro-Bio Mat Specs", "Micro-Bio Maintenance Sched", & "Micro-Bio Detail" in direct location on sheet (as shown in template PDF). • Insert Micro-Bioretenment Pre-Treatment Details and Notes in direct location on sheet (as shown).
	SWM7	STORMWATER FACILITY SHEET – DRY WELL	<ul style="list-style-type: none"> • Complete Construction Inspection Checklist: Dry Well PDF and PDF attach completed PDF in direct location on sheet (as shown). Delete example PDF. • Copy & Paste Alternative Compliance Option LDA 2.0 Spreadsheet from Microsoft Excel to AutoCAD Drawing in direct location on sheet (as shown). Delete example Microsoft Excel clippings. • Show Dry Well Drainage Area Map in AutoCAD viewport (as shown). Scale to be no less than 1" = 20'. • PDF attach "Dry Well Detail" direct location on sheet (as shown in template PDF). • Insert manufactured dry well detail and specifications (if necessary).

