1	ORDINANCE NO
2	
3	AN ORDINANCE to amend and reordain Section 6-300 (FLOODPLAIN DISTRICT) of Article
4 5	VI (SPECIAL AND OVERLAY ZONES) of the City of Alexandria Zoning Ordinance, in accordance with the text amendment heretofore approved by city council as Text
5 6	Amendment No. 2023-00005.
0 7	Amenument No. 2025-00005.
8	WHEREAS, the City Council finds and determines that:
o 9	where AS, the City Council mus and determines that.
10	1. In Text Amendment No. 2023-00005, the Planning Commission, having found
10	that the public necessity, convenience, general welfare and good zoning practice so require,
12	recommended approval to the City Council on November 6, 2023 of a text amendment to the
12	Zoning Ordinance to adopt revisions to the floodplain provisions to revise the effective date of
13	the Federal Emergency Management Agency's (FEMA) updated Flood Insurance Rate Maps;
15	revise existing and add new definitions related to floodplain management and development in
16	floodplain districts; revise existing and add new sections to update language related to floodplain
17	management and regulations for development in floodplain districts in compliance with federal
18	regulations related to the National Flood Insurance Program (NFIP); and to correct typographical
19	errors, which recommendation was approved by the City Council at public hearing on November
20	18, 2023;
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22	2. The City Council in adopting this ordinance expressly adopts, ratifies, affirms and
23	concurs in the finding and action of the Planning Commission above stated;
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25	3. All requirements of law precedent to the adoption of this ordinance have been
26	complied with; now, therefore,
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28	THE CITY COUNCIL OF ALEXANDRIA HEREBY ORDAINS:
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30	Section 1. That Section 6-300 of the Zoning Ordinance be, and the same hereby is,
31	amended by deleting the language shown in strikethrough and inserting new language shown in
32	underline, as follows:
33	
34 25	Sec. 6-300 Floodplain district
35	6 201 Dymose and intent
36 37	6-301 Purpose and intent.
38	 (A) This ordinance is adopted pursuant to the authority granted to all-localities by Va. Code § 15.2-2280, as well as the authority specifically granted to the city in its
38 39	Charter. The purpose of these provisions is to prevent: the loss of life and property,
40	the creation of health and safety hazards, the disruption of commerce and
41	governmental services, the extraordinary and unnecessary expenditure of public funds
42	for flood protection and relief, and the impairment of the tax base by:
43	(1) Regulating uses, activities, and development which, alone or in combination with
44	other existing or future uses, activities, and development, will cause unacceptable
45	increases in flood heights, velocities, and frequencies frequency;
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6-302 Applicability.

- (A) These provisions shall apply to all privately and publicly owned lands within the jurisdiction of the City of Alexandria and identified as being in a floodplain as designated in the Special Flood Hazard Area (SFHA) identified by the community or included in the Federal Emergency Management Agency (FEMA) flood insurance study (FIS) or shown on the flood insurance rate map (FIRM) that are provided to the Federal Emergency Management Agency (City of Alexandria by FEMA) dated June 16, 2011 January 11, 2024.

(C) This section shall be applicable to all applicants for building <u>development</u> permits in the floodplain area <u>SFHA</u>.

- (D) All buildings, not previously mapped into the SFHA by FEMA and are newly mapped partially or wholly into the SFHA by new effective FEMA maps, for which a building permit shall have been duly and regularly issued by the director of building and mechanical inspections the Department of Code Administration on or before May 24, 1977-January 11, 2024, which permit has not expired, may be completed without the necessity of complying with the floodplain district regulations in section 6-300, but after completion, any such building or structure and the land on which it is situated shall be subject to all the provisions of said section.
 - (E) All preliminary site plans, not previously mapped into the SFHA by FEMA and are newly mapped partially or wholly into the SFHA by new effective FEMA maps, which have been duly and regularly approved on or before May 24, 1977January 11, 2024, and which have not expired, may be completed without the necessity of complying with the floodplain district regulations in section 6-300, but after completion, any building or structure on said site plan together with the land included in said site plan shall be subject to all the provisions of said section.
- (F) All final site plans, not previously mapped into the SFHA by FEMA and are newly mapped partially or wholly into the SFHA by new effective FEMA maps, which have been duly and regularly approved and released on or before May 24, 1977January 11, 2024, and which have not expired may be completed without the necessity of complying with the floodplain district regulations in section 6-300, but after completion, any building or structure on said site plan together with the land included in said site plan shall be subject to all the provisions of said section.
- Any building or structure, not previously mapped into the SFHA by FEMA and (G) are newly mapped partially or wholly into the SFHA by new effective FEMA maps, which is in existence on or before June 15, 2011 January 11, 2024, or for which a preliminary or combination site plan, building permit or subdivision approved on or before June 15, 2011 January 11, 2024, continues-in force and effect shall not be deemed a nonconforming use provided, that any such building or structure which, beginning following June 15, 2011 January 11, 2024, is the subject of substantial improvement shall comply with the floodplain regulations in effect at the time of such improvement.

2 6-303 Definitions.

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For the purposes of this section 6-300 the following terms and phrases shall have the meaning ascribed as follows below. Should any uncertainty occur with respect to the definition of any word, term or phrase used in this section, the applicable definitions set out in 44 CFR 59.1, as

- 6 amended, shall apply. 7 (A) *A Zone*
 - (A) A Zone. An area of the one hundred<u>1-percent annual chance</u> flood as shown on the Flood Insurance Rate Map. This zone is also referred to as the Approximated Floodplain District.
 - (B) AE Zone. An area shown of the 100 year <u>1-percent annual chance</u> flood on the flood insurance rate map for which corresponding base flood elevations have been provided. This zone is also referred to as the Special FloodplainFlood Hazard Area District.
 - (C.1)Appurtenant or accessory structure. A non-residential structure which is on the same parcel of property as the principal structure and the use of which is incidental to the use of the principal structure. Accessory structures located in the SFHA are not to exceed 600 square feet.
 - ***
 - (D) Base flood elevation (BFE). The water surface elevations of the base flood, that is, the flood level that has a one percent or greater chance of occurrence in any given year. The water surface elevation as shown on of the base flood insurance rate map that corresponds in relation to the datum specified on the community's Flood Insurance Rate Map. For the purposes of this section, the base flood is the 1-percent annual chance flood.
 - ***
 - (E.1) *City Vertical Datum.* For purposes of the National Flood Insurance Program, the North American Vertical Datum (NAVD) of 1988 to which base flood elevations shown on a community's FIRM are referenced.
 - (F) Development. Any man-made change to improved or unimproved real estate, including, but not limited to, the construction of buildings or other structures, the placement of manufactured homes-temporary structures, the construction of streets, the installation of utilities and other activities or operations involving paving, filling, grading, excavating, mining, dredging-or, drilling, or other land-disturbing activities or permanent or temporary storage of equipment or materials.
 - (G) Existing manufactured home park or subdivision. A manufactured home park or subdivision for which the construction/structures. For the purposes of facilities for servicing the lots on which the manufactured homes are to be affixed (including, at a minimum, the installation-the flood insurance program, structures for which the start of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed commenced before the effective date of the latest FIRM or before May 8, 1970 for FIRMs effective before that date. "Existing construction" may also be referred to as "existing structures" and "pre-FIRM." For floodplain management purposes, the term "existing structure" refers to buildings that predate a community's adoption of its first floodplain management regulations.-adopted by a community.
 - (H) Flood or flooding.

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2	(2) The collapse or subsistence subsidence of land along the shore of a lake or other
3	body of water as a result of erosion or undermining caused by waves or currents
4	of water exceeding anticipated cyclical levels or suddenly caused by an unusually
5	high water level in a natural body of water, accompanied by a severe storm, or by
6	an unanticipated force of nature such as flash flood or an abnormal tidal surge, or
7	by some similarly unusual and unforeseeable event which results in flooding as
8	defined in paragraph (1)(a) of this definition.
9	(H.1) Flood Damage-Resistant Material. Any building product capable of withstanding
10	direct and prolonged contact with floodwaters without sustaining significant
11	damage." The term "prolonged contact" means at least 72 hours, and the term
12	"significant damage" means any damage requiring more than cosmetic repair.
13	"Cosmetic repair" includes cleaning, sanitizing, and resurfacing of the material.
14	(I) <i>Flood insurance rate map (FIRM).</i> An official map of a community, on which the
15	FEMA Federal Insurance Administrator has delineated both the special flood hazard
16	areas and the risk premium zones applicable to the community. A flood insurance rate
17	map FIRM that has been made available digitally is called a digital flood insurance
18	rate map (DFIRM). The official Flood Insurance Rate Map for the City of Alexandria
19	shall be the in the digital format prepared by FEMA, Federal Insurance
20	Administration, dated June 16, 2011 January 11, 2024, as amended.
21	(J) Flood insurance study (FIS). An examination, evaluation, and determination of
22	flood hazards and, if appropriate, corresponding water surface elevations, or an
23	examination, evaluation, and determination of mudflow and/or flood-related erosion
24	hazards. The official Flood Insurance Study for the City of Alexandria shall be the
25	flood insurance study prepared by FEMA, Federal Insurance Administration, dated
26	June 16, 2011January 11, 2024, as amended.
27	(K) <i>Floodplain</i> . A relatively flat or low land <u>flood prone</u> area. adjoining a river,
28	stream or other watercourse which is subject. Any land area susceptible to partial or
29	complete inundation being inundated by water from such watercourse, or a land area
30	which is subject to the unusual and rapid accumulation or runoff of surface waters
31	from any source.
32	(L) <i>Floodplain district</i> . The areas encompassed by the <u>100-year-1-percent annual</u>
33	chance floodplain as shown on the flood insurance rate map.
34	(M) <u>Reserved</u> . Flood-prone area. Any land area susceptible to being inundated by water
35	from any source more often than once in a 100-year period.
36	(N) <i>Floodproofing</i> . Also called "dry floodproofing." A <u>Any</u> combination of measures
37	that results in a structure, including the attendant utilities and equipment, being
38	watertight with all elements substantially impermeable and with structural and non-
39 40	structural additions, changes, or adjustments to structures which reduce or eliminate
40	flood damage to real estate or improved real property, water and sanitary facilities,
41	structures and their contents. $(O) = E \log d \log m$ The designated area channel of a flood plain required to corrective or
42	(O) <i>Floodway</i> . The designated area channel of a floodplain required to carry river or other watercourse and the adjacent land areas that must be reserved in order to
43 44	<u>other watercourse</u> and the adjacent land areas that must be reserved in order to discharge the base flood waters of a given magnitude. For purposes of this section 6
44 45	discharge the base flood waters of a given magnitude. For purposes of this section 6- 300, a floodway must be capable of accommodating a flood of without cumulatively
43	500, a moduway must be capable of accommodating a mode of without cumulatively

1	increasing the 100-year magnitude water surface elevation more than 0.5-feet at any
2	point within the community.
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4	(P.1) Functionally dependent use. A use which cannot perform its intended purpose
5	<u>unless it is located or carried out in close proximity to water. This term includes only</u>
6	docking facilities, port facilities that are necessary for the loading and unloading of
7	cargo or passengers, and shipbuilding and ship repair facilities, but does not include
8	long-term storage or related manufacturing facilities.
9	***
10	(R.1) Hydrologic and Hydraulic Engineering Analysis. Analyses performed by a licensed
11	professional engineer, in accordance with standard engineering practices that are
12	accepted by the Virginia Department of Conservation and Recreation and FEMA,
12	used to determine the base flood, other frequency floods, flood elevations, floodway
13	information and boundaries, and flood profiles.
15	(R.2) Letters of Map Change (LOMC). A Letter of Map Change is an official FEMA
16	determination, by letter, that amends or revises an effective Flood Insurance Rate
17	Map or Flood Insurance Study. Letters of Map Change include:
18	Letter of Map Amendment (LOMA). An amendment based on technical data
19	showing that a property was incorrectly included in a designated special flood hazard
20	area. A LOMA amends the current effective Flood Insurance Rate Map and
20 21	establishes that a land as defined by meets and bounds or structure is not located in a
22	special flood hazard area.
22	Letter of Map Revision (LOMR). A revision based on technical data that may
23	show changes to flood zones, flood elevations, floodplain and floodway delineations,
25	and planimetric features. A Letter of Map Revision Based on Fill (LOMR-F), is a
26	determination that a structure or parcel of land has been elevated by fill above the
20	base flood elevation and is, therefore, no longer exposed to flooding associated with
28	the base flood. In order to qualify for this determination, the fill must have been
29	permitted and placed in accordance with the community's floodplain management
30	regulations.
31	<i>Conditional Letter of Map Revision (CLOMR).</i> A formal review and comment as
32	to whether a proposed flood protection project or other project complies with the
33	minimum NFIP requirements for such projects with respect to delineation of special
34	flood hazard areas. A CLOMR does not revise the effective Flood Insurance Rate
35	Map or Flood Insurance Study.
36	(R.3) Lowest adjacent grade. The lowest natural elevation of the ground surface next to
37	the walls of a structure.
38	***
39	(T) Manufactured home. A structure, transportable in one or more sections, which is built
40	on a permanent chassis and is designed to be used as a single family dwelling, for use
41	with or without permanent foundation, when connected to the required facilities, and
42	utilities which includes the plumbing, heating, air conditioning and electrical systems
43	contained in the structure. For floodplain management purposes the term
44	"manufactured home" also includes park trailers, travel trailers, and other similar
45	vehicles when placed on a site for greater than 180 consecutive days.
46	***

1	(V) New construction. For the purposes of determining insurance rates, structures as to
2	for which the "start of construction" commenced on or after May 24, 1977 January
3	<u>11, 2024</u> and includes any subsequent improvements to such buildings or structures.
4	For floodplain management purposes, new construction means structures for which
5	the start of construction commenced on or after the effective date of a floodplain
6	management regulation adopted by a community and includes any subsequent
7	improvements to such structures.
8	***
9	(W.1) Pre-FIRM structures. A structure for which construction or substantial
10	improvement occurred before May 8, 1970.
11	(W.2) Post-FIRM structures. A structure for which construction or substantial
12	improvement occurred on or after May 8, 1970.
13	***
14	(X.1) Repetitive Loss Structure. A building covered by a contract for flood insurance that
15	has incurred flood-related damages on two occasions in a 10-year period, in which the
16	cost of the repair, on the average, equaled or exceeded 25 percent of the market value
17	of the structure at the time of each such flood event; and at the time of the second
18	incidence of flood-related damage, the contract for flood insurance contains increased
19	cost of compliance coverage.
20	(Y) <i>Residential building</i> . Any single-family dwelling, two-family dwelling, row or
21	townhouse dwelling, or multi-family dwelling, including any mixed-use building not
22	meeting the criteria for nonresidential and any accessory building or structure.
23	(Y.1) Severe Repetitive Loss Structure. A structure that:
24	(1) Is covered under a contract for flood insurance made available under the NFIP;
25	and
26	(2) Has incurred flood related damage –
27	i. For which 4 or more separate claims payments have been made under
28	flood insurance coverage with the amount of each such claim exceeding
29	\$5,000, and with the cumulative amount of such claims payments
30	exceeding \$20,000; or
31	ii. For which at least 2 separate claims payments have been made under such
32	coverage, with the cumulative amount of such claims exceeding the
33	market value of the insured structure.
34	***
35	(AA) Special flood hazard area (SFHA). The land in the floodplain subject to a one
36	percent or greater chance of being flooded inundated in any given year as designated
37	on the official Flood Insurance Rate Map for the City of Alexandria. determined in
38	section 6-304(A).
39	(BB) <i>Start of construction</i> . For other than new construction and substantial improvement,
40	under the Coastal Barriers Resource Act (P.L. – 97-348), means the date a building
41	permit was issued, provided that the actual start of construction, repair,
42	reconstruction, rehabilitation, addition, placement, substantial improvement, or other
43	improvement was within 180 days of the permit issuance date. For new construction,
44	The actual start of construction means either the initial placement of permanent
45	construction of a structure on the site, such as the pouring of footings or a slab, the
45 46	installation of piles, the construction of columns or any work beyond the state of
τU	instantiation of price, the construction of columns of any work beyond the state of

1	excavation, or the placement of a manufactured home on a foundation. Permanent
2	construction does not include land preparation, such as clearing, grading, and filling;
3	nor does it include the installation of streets and/or walkways; nor does it include
4	excavation for a basement or for, footings, piers or foundations, or the erection of
5	temporary forms; nor does it include the installation on the property of accessory
6	buildings, such as garages or sheds not occupied as dwelling units and not part of the
7	main structure. For a substantial improvements improvement, the actual start of
8	construction means the first alteration of any wall, ceiling, floor, or other structural
9	part of a building, whether or not the alteration affects the external dimensions of the
10	buildings.
11	(CC) Structure. For flood plain floodplain management purposes, a walled and roofed
12	building, including a gas or liquid storage tank, that is principally above ground, as
13	well as a manufactured home. "Structure" for insurance coverage purposes, means:
14	(1) A building with two or more outside rigid walls and a fully secured roof, that is
15	affixed to a permanent site;
16	(2) A manufactured home (also known as a mobile home), is a structure: built on a
17	permanent chassis, transported to its site in one or more sections, and affixed to a
18	permanent foundation; or
19	(3) A travel trailer without wheels, built on a chassis and affixed to a permanent
20	foundation, that is regulated under the community's floodplain management and
21	building ordinances or laws.
22	For the latter purpose, "structure" does not mean a recreational vehicle or a park trailer
23	or other similar vehicle, except as described in paragraph (3) of this definition, or a gas
24 25	or liquid storage tank. ***
25 26	
20 27	(EE) <i>Substantial improvement</i> . Any repair, reconstruction, rehabilitation, addition or other improvement of a building or structure, the cost of which equals or exceeds 50
27	percent of the market value of the building or structure immediately before the start of
28 29	construction of the improvement is commenced, or any restoration of a building or
29 30	structure which has incurred substantial damage; provided, that. The term does not,
30	however, include either:
32	(1) Any project for improvement of a building or structure that is necessary to correct
33	existing violations of state or local health, sanitary or safety code specifications
34	which have been identified by appropriate officials of the state or city and which
35	are the minimum necessary to assure safe living conditions; or
36	(2) Any improvement alteration of a "historic structure," as defined in this section, so
37	long as provided that the improvement does alteration will not preclude the
38	structure's continued designation as a "historic structure."
39	(3) Historic structures undergoing repair or rehabilitation that would constitute a
40	substantial improvement as defined above, must comply with all ordinance
41	requirements that do not preclude the structure's continued designation as a
42	historic structure. Documentation that a specific ordinance requirement will cause
43	removal of the structure from the National Register of Historic Places or the State
44	Inventory of Historic places must be obtained from the Secretary of the Interior or
45	the State Historic Preservation Officer. Any exemption from ordinance
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1	requirements will be the minimum necessary to preserve the historic character and
2	design of the structure.
3	(FF) Violation. The failure of a structure or other development to be fully compliant with
4	the City of Alexandria's community's floodplain management regulations. A structure
5	or other development without the elevation certificate, other certifications, or other
6	evidence of compliance required in 44 CFR 60.3(b)(5), (c)(4), (c)(10), (d)(3), (e)(2),
7	(e)(4), or (e)(5) this ordinance is presumed to be in violation until such time as that
8	documentation is provided.
9	(SS) Watercourse. A lake, river, creek, stream, wash, channel, or other topographic
10	feature on or over which waters flow at least periodically. Watercourse includes
11	specifically designated areas in which substantial flood damage may occur.
12	
13	6-304 Description of floodplain Special Flood Hazard districts.
14	(A) <u>Description of Special Flood Hazard districts.</u> The various <u>floodplain special</u>
15	flood hazard districts shall include the special flood hazard areas described below.
16	The basis for the delineation of these districts shall be the flood insurance study and
17	the flood insurance rate maps for the City of Alexandria prepared by FEMA, Federal
18	Insurance Administration, dated June 16, 2011 January 11, 2024, and any subsequent
19	revisions and amendments thereto.
20	(1) The special floodplain district shall include those areas identified as an AE zone
21	on the flood insurance rate map for which 100-year base flood elevations have
22	been provided.
23	(2) The approximated floodplain district shall include those areas identified as an A
24	zone on the flood insurance rate map. In these zones, no detailed flood profiles or
25	elevations are provided, but the 100-year floodplain boundary has been approximated.
26	For these areas, the 100-year flood elevations and floodway information from federal,
27	state, and other acceptable sources shall be used, when available. Where the specific
28	100-year flood elevation cannot be determined for this area using other sources of
29	data, such as the U.S. Army Corps of Engineers Flood Plain Information Reports,
30	U.S. Geological Survey Flood-prone Quadrangles, etc., then the applicant for the
31	proposed use, development and/or activity shall determine this elevation in
32	accordance with FEMA approved hydrologic and hydraulic engineering techniques.
33	The City of Alexandria may identify and regulate local flood hazard or ponding areas
34	that are not delineated on the FIRM. These areas may be delineated on a "Local Flood
35	Hazard Map" using best available topographic data and locally derived information
36	such as flood of record, historic high-water marks, or approximate study
37	methodologies.
38	The boundaries of the SFHA Districts are established as shown on the FIRM which is
39	declared to be a part of this ordinance, and which shall be kept on file at the City of
40	Alexandria offices.
41	(1) The Floodway District is in an AE Zone and is delineated, for purposes of this
42	ordinance, using the criterion that certain areas within the floodplain must be
43	capable of carrying the waters of the one percent annual chance flood without
44	increasing the water surface elevation of that flood more than 0.5-feet at any
45	point. The areas included in this District are specifically defined in Table 23 of
46	the above-referenced FIS and shown on the accompanying FIRM. The following

1	provisions shall apply within the Electrony District of an AE zone [44 CEP
1 2	provisions shall apply within the Floodway District of an AE zone [44 CFR 60.3(d)]:
2	(a) Within any floodway area, no encroachments, including fill, new
4	construction, substantial improvements, or other development shall be
5	permitted unless it has been demonstrated through hydrologic and hydraulic
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0 7	analysis performed in accordance with standard engineering practice that the
8	proposed encroachment will not result in any increase in flood levels within the community during the occurrence of the base flood discharge. Hydrologic
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9 10	and hydraulic analyses shall be undertaken only by professional engineers or
	others of demonstrated qualifications, who shall certify that the technical
11	methods used correctly reflect currently accepted technical concepts. Studies,
12	analyses, computations, etc., shall be submitted in sufficient detail to allow a
13	thorough review by the director of the department of transportation and
14	environmental services or the Floodplain Administrator. Development
15	activities which increase the water surface elevation of the base flood may be
16	allowed, provided that the applicant first applies – with the City of
17	Alexandria's endorsement – for a Conditional Letter of Map Revision
18	(CLOMR) and receives the approval of the Federal Emergency Management
19	Agency. If 6-304(A)(1)(a) is satisfied, all new construction and substantial
20	improvements shall comply with all applicable flood hazard reduction
21	provisions of 6-307 through 6-310.
22	(b) The placement of manufactured homes (mobile homes) is prohibited.
23	(2) The AE or AH Zones on the FIRM accompanying the FIS shall be those areas for
24	which one percent annual chance flood elevations have been provided and the
25	floodway has not been delineated. The following provisions shall apply within an
26	AE or AH zone [44 CFR 60.3(c)] where FEMA has provided base flood
27	elevations:
28	Until a regulatory floodway is designated, no new construction, substantial
29	improvements, or other development (including fill) shall be permitted within
30	the areas of special flood hazard, designated as Zones A, AE, or AH on the
31	FIRM, unless it is demonstrated that the cumulative effect of the proposed
32	development, when combined with all other existing and anticipated
33	development, will not increase the water surface elevation of the base flood
34	more than 0.5-feet at any point within the City of Alexandria.
35	(3) The A Zone on the FIRM accompanying the FIS shall be those areas for which no
36	detailed flood profiles or elevations are provided, but the one percent annual
37	chance floodplain boundary has been approximated. For these areas, the following
38	provisions shall apply [44 CFR 60.3(b)]:
39	The Approximated Floodplain District shall be that floodplain area for
40	which no detailed flood profiles or elevations are provided, but where a
41	one percent annual chance floodplain boundary has been approximated.
42	Such areas are shown as Zone A on the maps accompanying the FIS. For
43	these areas, the base flood elevations and floodway information from
44	Federal, State, and other acceptable sources shall be used, when available.
45	Where the specific one percent annual chance flood elevation cannot be
46	determined for this area using other sources of data, then the applicant for

1	the proposed use, development and/or activity shall determine this base
2	flood elevation. For development proposed in the approximate floodplain
3	the applicant must use technical methods that correctly reflect currently
4	accepted practices, such as point on boundary, high water marks, or
5	detailed methodologies hydrologic and hydraulic analyses. Studies,
6	analyses, computations, etc., shall be submitted in sufficient detail to allow
7	a thorough review by the director of transportation and environmental
8	services. Floodplain Administrator. The director of the department of
9	transportation and environmental services or the Floodplain Administrator
10	reserves the right to require a hydrologic and hydraulic analysis for any
11	development. When such base flood elevation data is utilized, the lowest
12	floor shall be elevated to or above the base flood level plus 1-foot. During
13	the permitting process, the Floodplain Administrator shall obtain:
14	(a) The elevation of the lowest floor (in relation to City Vertical
15	Datum), including the basement, of all new and substantially
16	improved structures; and,
17	(b) If the structure has been floodproofed in accordance with the
18	requirements of this article, the elevation (in relation to City
19	Vertical Datum) to which the structure has been floodproofed.
20	Base flood elevation data shall be obtained from other sources or
21	developed using detailed methodologies comparable to those contained in
22	a FIS for subdivision proposals and other proposed development proposals
23	that exceed fifty lots or five acres, whichever is the lesser.
24	(4) The mapped floodplain includes all of the above regions and also the regions
25	designated as having a 0.2-percent annual chance of flooding on any flood map or
26	flood insurance study. In this area no emergency service, medical service, or
27	governmental records storage shall be allowed except by special exception using
28	the variance process.
29	(B) The delineation of any of the floodplain districts may be revised by the City of
30	Alexandria where natural or man-made changes have occurred and/or where more
31	detailed studies have been conducted or undertaken by the U.S. Army Corps of
32	Engineers or other qualified agency, or an individual documents the need for such
33	change. Updates to the <u>effective regulatory</u> delineation of the floodplain districts
34	require approval from both the City of Alexandria and the FEMA Federal Insurance
35	Administration.
36	(C) Any uncertainty on the floodplain district map, or flood insurance rate map, with
37	respect to the boundary of any floodplain district, either A or AE zone, shall be
38	determined by the director of transportation and environmental services or the
39	<u>Floodplain Administrator</u> by scaling and computation from the map or by land survey
40	information. for the purposes of these development regulations. Individual property
41	owners or developers must receive this determination from FEMA for the purposes of
42	determining the federal requirement for flood insurance.
43	
44	6-305 Administration.
45 46	(A) The director <u>of the department</u> of transportation and environmental Services shall
46	be responsible for the administration of the floodplain management regulations set

1	forth in this section 6 300. He or she shall be responsible for the review of all
2	proposed uses and development to determine whether the land on which the proposed
3	use or development is located in the Special Flood Hazard Area (SFHA) and that the
4	site is reasonably safe from flooding, and shall hereby designate a Floodplain
5	Administrator to administer and implement these regulations. The Floodplain
6	Administrator may:
7	(1) Do the work themselves. In the absence of a Floodplain Administrator, the duties
8	are conducted by the City of Alexandria chief executive officer or authorized
9	designee, or
10	(2) Delegate duties and responsibilities set forth in these regulations to qualified
11	technical personnel, plan examiners, inspectors, and other employees, or
12	(3) Enter into a written agreement or written contract with another community or
13	private sector entity to administer specific provisions of these regulations.
14	Administration of any part of these regulations by another entity shall not relieve
15	the community of its responsibilities pursuant to the participation requirements of
16	the National Flood Insurance Program as set forth in the Code of Federal
17	Regulations at 44 C.F.R. Section 59.22.
18	(B) An applicant must apply for a permit and issuance of the permit is required prior to
19	the start of any development within the special flood hazard area. The duties and
20	responsibilities of the Floodplain Administrator
21	(1) Review applications for permits to determine whether proposed activities will be
22	located in the Special Flood Hazard Area (SFHA) and that the site is reasonably
23	safe from flooding.
24	(2) Interpret floodplain boundaries and provide available base flood elevation and
25	flood hazard information.
26	(3) Review applications to determine whether proposed activities will be reasonably
27	safe from flooding and require new construction and substantial improvements to
28	meet the requirements of these regulations.
29	(4) Review applications to determine whether all necessary permits have been
30	obtained from the Federal, State, or local agencies from which prior or concurrent
31	approval is required; in particular, permits from state agencies for any
32	construction, reconstruction, repair, or alteration of a dam, reservoir, or waterway
33	obstruction (including bridges, culverts, structures), any alteration of a
34	watercourse, or any change of the course, current, or cross section of a stream or
35	body of water, including any change to the 1-percent annual chance frequency
36	floodplain of free-flowing non-tidal waters of the State.
37	(5) Verify that applicants proposing an alteration of a watercourse have notified
38	adjacent communities, the Virginia Department of Conservation and Recreation
39	(Division of Dam Safety and Floodplain Management), and other appropriate
40	agencies (VADEQ, USACE), and have submitted copies of such notifications to
41	$\frac{\text{FEMA.}}{(6)}$
42	(6) Advise applicants for new construction or substantial improvement of structures
43 44	that are located within an area of the Coastal Barrier Resources System
44 45	established by the Coastal Barrier Resources Act that Federal flood insurance is
43	not available on such structures; areas subject to this limitation are shown on

1	Flood Insurance Rate Maps as Coastal Barrier Resource System Areas (CBRS) or
2	Otherwise Protected Areas (OPA).
3	(7) Approve applications to develop in flood hazard areas if the provisions of these
4	regulations have been met or disapprove applications if the provisions of these
5	regulations have not been met.
6	(8) Inspect or cause to be inspected, buildings, structures, and other development for
7	which permits have been issued to determine compliance with these regulations or
8	to determine if non-compliance has occurred or violations have been committed.
9	(9) Review Elevation Certificates and require incomplete or deficient certificates to
10	be corrected.
11	(10) Submit to FEMA, or require applicants to submit to FEMA, data and
12	information necessary to maintain FIRMs, including hydrologic and hydraulic
13	engineering analyses prepared by or for the City of Alexandria, within six months
14	after such data and information becomes available if the analyses indicate changes
15	in base flood elevations. The community or applicant should submit data via a
16	LOMR.
17	(11) Maintain and permanently keep records that are necessary for the
18	administration of these regulations, including:
18 19	(a) Flood Insurance Studies, Flood Insurance Rate Maps (including historic
19 20	
	studies and maps and current effective studies and maps), and Letters of Map
21	Change; and (b) Decumentation supporting issuence and denial of normity. Elevation
22	(b) Documentation supporting issuance and denial of permits, Elevation
23	Certificates, documentation of the elevation (in relation to the datum on the
24	FIRM) to which structures have been floodproofed, inspection records, other
25	required design certifications, variances, and records of enforcement actions
26	taken to correct violations of these regulations.
27	(12) Promote enforcement of the provisions of these regulations including
28	investigation of violations, issuance of notices of violations or stop work orders,
29	and requiring permit holders to take corrective action.
30	(13) Advise the City Council regarding the intent of these regulations and, for
31	each application for a variance, prepare a staff report and recommendation.
32	(14) Administer the requirements related to proposed work on existing
33	<u>buildings:</u>
34	(a) Make determinations as to whether buildings and structures that are in
35	flood hazard areas and that are damaged by any cause have been substantially
36	damaged.
37	(b) Make reasonable efforts to notify owners of substantially damaged
38	structures of the need to obtain a permit to repair, rehabilitate, or reconstruct.
39	Prohibit the non-compliant repair of substantially damaged buildings except
40	for temporary emergency protective measures necessary to secure a property
41	or stabilize a building or structure to prevent additional damage.
42	(15) Undertake, as determined appropriate by the Floodplain Administrator due to the
43	circumstances, other actions which may include but are not limited to: issuing press
44	releases, public service announcements, and other public information materials related to
45	permit requests and repair of damaged structures; coordinating with other Federal, State,
46	and local agencies to assist with substantial damage determinations; providing owners of
10	and room ageneres to assist with substantiar duringe determinations, providing Owners of

1	damaged structures information related to the proper repair of damaged structures in
2	special flood hazard areas; and assisting property owners with documentation necessary
3	to file claims for Increased Cost of Compliance coverage under NFIP flood insurance
4	policies.
5	(16) Notify the Federal Emergency Management Agency when the corporate
6	boundaries of the City of Alexandria have been modified and:
7	(a) <u>Provide a map that clearly delineates the new corporate boundaries or the</u>
8	new area for which the authority to regulate pursuant to these regulations has
9	either been assumed or relinquished through annexation; and
10	(b) If the FIRM for any annexed area includes special flood hazard areas that
11	have flood zones that have regulatory requirements that are not set forth in
12	these regulations, prepare amendments to these regulations to adopt the FIRM
13	and appropriate requirements, and submit the amendments to the governing
14	body for adoption; such adoption shall take place at the same time as or prior
15	to the date of annexation and a copy of the amended regulations shall be
16	provided to Department of Conservation and Recreation (Division of Dam
17	Safety and Floodplain Management) and FEMA.
18	(17) Upon the request of FEMA, complete and submit a report concerning
19	participation in the NFIP which may request information regarding the number of
20	buildings in the SFHA, number of permits issued for development in the SFHA, and
21	number of variances issued for development in the SFHA.
22	
23	(18) It is the duty of the director of the department of transportation and environmental
24	services or the Floodplain Administrator to take into account flood, mudslide and flood-
25	related erosion hazards, to the extent that they are known, in all official actions relating to
26	land management and use throughout the entire jurisdictional area of the Community,
27	whether or not those hazards have been specifically delineated geographically (e.g. via
28	mapping or surveying).
29	
30	(19) Take into account flood, mudslide and flood-related erosion hazards, to the extent
31	that they are known, in all official actions relating to land management and use
32	throughout the entire jurisdictional area of the Community, whether or not those hazards
33 34	have been specifically delineated geographically (e.g. via mapping or surveying).
34 35	(20) The director of the department of transportation and environmental services or the
33 36	Floodplain Administrator may require information from the applicant, including, but not
37	limited to, an engineering study of the floodplain. Upon a determination that the land on
38	which the proposed use or development is located in a floodplain, the Floodplain
39	Administrator shall determine whether such use or development may be permitted in
40	accordance with the provisions of section 6-307 through 6-309 or requires the approval of
40	a variance as set forth in section 6-312.
42	u variance as set forth in section o 512.
43	(21) The director of the department of transportation and environmental services or the
44	Floodplain Administrator shall be responsible for the collection and maintenance of
45	records necessary for the city's participation in the National Flood Insurance Program.
46	Base flood elevations may increase or decrease resulting from physical changes affecting

1 flooding conditions. As soon as practicable, but not later than six months after the date 2 such information becomes available, the Floodplain Administrator shall notify or require 3 the applicant to notify the FEMA Federal Insurance Administrator of any change in base 4 flood elevation or the boundaries of any special flood hazard area depicted on the city's 5 flood insurance rate map by submitting technical and scientific data to FEMA for a letter 6 of map revision. 7 (C) No site plan, subdivision plat or building permit application which proposes to 9 approved by any agency of the City of Alexandria without certification by the 10 director of transportation and environmental services shall insure that all other required permits 11 application meets the requirements of this section 6 300. The director of 12 transportation and environmental services shall insure that all other required permits 13 related to development in the floodplain form state or federal governmental agencies 14 have been obtained. Permit Requirement. All uses activities and development shall be 15 occuring within any floodplain district, including placement of manufactured homes 16 shall be undertaken only upon the issuance of a permit. Such development shall be 17 under
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43 (3) For structures to be floodproofed (nonresidential only), the elevation to which the
44 structure will be floodproofed; and,
 44 structure will be floodproofed; and, 45 (4) Topographic information showing existing and proposed ground elevations.

14

1	(E) <u>Use and Interpretation of FIRMS.</u> The director of <u>the department of transportation</u>
2	and environmental services or the Floodplain Administrator may require information
3	from the applicant, including, but not limited to, an engineering study of the
4	floodplain. Upon a determination that the land on which the proposed use or
5	development is located in a floodplain, the <u>director</u> the or the Floodplain
6	Administrator shall determine whether such use or development may be permitted in
7	accordance with the provisions make interpretations, where needed, as to the exact
8	location of special flood hazard areas, floodplain boundaries, and floodway
9	boundaries. The following shall apply to the use and interpretation of FIRMs and
10	data:
11	(1) Where field surveyed topography indicates that adjacent ground elevations:
12	(a) <u>Are below the base flood elevation in riverine SFHAs, or below the 1%</u>
13	storm surge elevation in coastal SFHAs, even in areas not delineated as a
14	special flood hazard area on a FIRM, the area shall be considered as special
15	flood hazard area and subject to all applicable requirements of section 6-306
16	through 6-308300; or requires the approval of a variance as set forth in section
17	6-311.
18	Are above the base flood elevation and the area is labeled as a SFHA on the
19	FIRM, the area shall be regulated as special flood hazard area unless the
20	applicant obtains a Letter of Map Change that removes the area from the
21	<u>SFHA.</u>
22	(2) In FEMA-identified special flood hazard areas where base flood elevation and
23	floodway data have not been identified and in areas where FEMA has not
24	identified SFHAs, any other flood hazard data available from a Federal, State, or
25	other source shall be reviewed and reasonably used.
26	(3) Base flood elevations and designated floodway boundaries on FIRMs and in FISs
27	shall take precedence over base flood elevations and floodway boundaries by any
28	other sources if such sources show reduced floodway widths and/or lower base
29	flood elevations.
30	(4) Other sources of data shall be reasonably used if such sources show increased
31	base flood elevations and/or larger floodway areas than are shown on FIRMs and
32	in FISs.
33	(5) If a Preliminary Flood Insurance Rate Map and/or a Preliminary Flood Insurance
34	Study has been provided by FEMA.
35	(a) Upon the issuance of a Letter of Final Determination by FEMA, the
36	preliminary flood hazard data shall be used and shall replace the flood hazard
37	data previously provided from FEMA for the purposes of administering these
38	regulations.
39	(b) Prior to the issuance of a Letter of Final Determination by FEMA, the use
40	of preliminary flood hazard data shall be deemed the best available data
41	pursuant to 6-304(A)(3) and used where no base flood elevations and/or
42	floodway areas are provided on the effective FIRM.
43	(c) <u>Prior to issuance of a Letter of Final Determination by FEMA, the use of</u>
44	preliminary flood hazard data is permitted where the preliminary base flood
45	elevations or floodway areas exceed the base flood elevations and/or

1	designated floodway widths in existing flood hazard data provided by FEMA.
2	Such preliminary data may be subject to change and/or appeal to FEMA.
3	(F) Jurisdictional Boundary Changes
4	The director of transportation and environmental services shall be responsible for the
5	collection and maintenance of records necessary for the city's participation in the
6	National Flood Insurance Program city floodplain ordinance in effect on the date of
7	annexation shall remain in effect and shall be enforced by the municipality for all
8	annexed areas until the municipality adopts and enforces an ordinance which meets
9	the requirements for participation in the National Flood Insurance Program.
10	Municipalities with existing floodplain ordinances shall pass a resolution
11	acknowledging and accepting responsibility for enforcing floodplain ordinance
12	standards prior to annexation of any area containing identified flood hazards. If the
13	FIRM for any annexed area includes special flood hazard areas that have flood zones
14	that have regulatory requirements that are not set forth in these regulations, the
15	governing body shall prepare amendments to these regulations to adopt the FIRM and
16	appropriate requirements, and submit the amendments to the governing body for
17	adoption; such adoption shall take place at the same time as or prior to the date of
18	annexation and a copy of the amended regulations shall be provided to Department of
19	Conservation and Recreation (Division of Dam Safety and Floodplain Management)
20	and FEMA.
21	In accordance with the Code of Federal Regulations, Title 44 Subpart (B) Section
22	59.22(a)(9)(v) all NFIP participating communities must notify the Federal Insurance
23	Administration and optionally the State Coordinating Office in writing whenever the
24	boundaries of the community have been modified by annexation or the community
25	has otherwise assumed or no longer has authority to adopt and enforce floodplain
26	management regulations for a particular area.
27	In order that all Flood Insurance Rate Maps accurately represent the community's
28	boundaries, a copy of a map of the community suitable for reproduction, clearly
29	delineating the new corporate limits or new area for which the community has
30	assumed, or relinquished floodplain management regulatory authority must be
31	included with the notification.
32	(G) District Boundary Changes
33	The delineation of any of the Floodplain Districts may be revised by the City of
34	Alexandria where natural or man-made changes have occurred and/or where more
35	detailed studies have been conducted or undertaken by the U.S. Army Corps of
36	Engineers or other qualified agency, or an individual documents the need for such
37	change. However, prior to any such change, approval must be obtained from the
38	Federal Emergency Management Agency. A completed LOMR is a record of this
39	approval.
40	(I) Submitting Model Backed Technical Data
41	<u>A community's</u> base flood elevations may increase or decrease resulting from
42	physical changes affecting flooding conditions. As soon as practicable, but not later
43	than six months after the date such information becomes available, the director of
44	transportation and environmental services community shall notify or require the
45	applicant to notify the FEMA Federal Insurance Administrator of any change in base
46	flood elevation or the boundaries of any special flood hazard area depicted on the

1	city's flood insurance rate map Emergency Management Agency of the changes by
2	submitting technical and <u>or</u> scientific data to FEMA for. The community may submit
3	data via a letter of map revision.LOMR. Such a submission is necessary so that upon
4	confirmation of those physical changes affecting flooding conditions, risk premium
5	rates and floodplain management requirements will be based upon current data.
6	(J) Letters of Map Revisions
7	When development in the floodplain will cause or causes a change in the base flood
8	elevation, the applicant, including state agencies, must notify FEMA by applying for
9	a Conditional Letter of Map Revision and then a Letter of Map Revision.
10	Example Cases:
11	(1) Any development that causes a rise in the base flood elevations within the
12	floodway.
12	(2) <u>Any development occurring in Zones A and AE without a designated floodway</u> ,
13	
	which will cause a rise of more than 0.5-feet in the base flood elevation.
15	(3) <u>Alteration or relocation of a stream (including but not limited to installing culverts</u>
16	and bridges) 44 Code of Federal Regulations §65.3 and §65.6(a)(12).
17	
18	6-306 General Standards
19	The following provisions shall apply to all permits in all Special Flood Hazard Area
20	districts:
21	(A) <u>New construction and substantial improvements shall be built according to this</u>
22	ordinance and the VA USBC, and anchored to prevent flotation, collapse, or lateral
23	movement of the structure.
24	(B) Manufactured homes including non-residential trailers shall be anchored to
25	prevent flotation, collapse, or lateral movement. Methods of anchoring may include,
26	but are not limited to, use of over-the-top or frame ties to ground anchors. This
27	standard shall be in addition to and consistent with applicable state anchoring
28	requirements for resisting wind forces.
29	(C) New construction and substantial improvements shall be constructed with
30	materials and utility equipment resistant to flood damage.
31	(D) New construction or substantial improvements shall be constructed by methods
32	and practices that minimize flood damage.
32	(E) <u>Electrical, heating, ventilation, plumbing, air conditioning equipment, and other</u>
34	service facilities, including duct work, shall be elevated to or above the base flood
35	elevation plus 1-foot so as to prevent water from entering or accumulating within the
36	components during conditions of flooding.
37	(F) <u>New and replacement water supply systems shall be designed to minimize or</u>
38	eliminate infiltration of flood waters into the system.
39	(G) <u>New and replacement sanitary sewage systems shall be designed to minimize or</u>
40	eliminate infiltration of flood waters into the systems and discharges from the systems
41	into flood waters.
42	In addition to provisions A – G above, in all special flood hazard areas, the additional
43	provisions shall apply:
44	
45	(1) Prior to any proposed alteration or relocation of any channels or of any
46	watercourse, stream, etc., within this jurisdiction a permit shall be obtained from

1 2 3 4 5 6 7 8 9 10	 the U. S. Corps of Engineers, the Virginia Department of Environmental Quality, and the Virginia Marine Resources Commission (a joint permit application is available from any of these organizations). Furthermore, in riverine areas, notification of the proposal shall be given by the applicant to all affected adjacent jurisdictions, the Department of Conservation and Recreation (Division of Dam Safety and Floodplain Management), other required agencies, and the Federal Emergency Management Agency. (2) The flood carrying capacity within an altered or relocated portion of any watercourse shall be maintained.
11	<u>6-307</u> Special regulations.
12	Within the boundaries of any A or AE zones in any floodplain district as shown on the flood
13	insurance rate map, buildings or structures and their extensions and accessory buildings or
14	structures maybe be constructed or substantially improved only in accordance with the following
15	requirements of this section 6-300 and all other applicable provisions of law.
16	In all identified flood hazard areas where base flood elevations have been provided in the FIS or
17	generated by a certified professional in accordance with 6-304(A) The elevation of)(3)the
18	following provisions shall apply:
19	(A) Residential Construction
20	(1) New Construction or substantial improvement or any residential building or
21	structure and their extensions and accessory buildings or structures in Zones A,
22	AE, and with detailed base flood elevations shall have the lowest floor, including
23	the basement, for any new residential building or any extension to a residential
24	building shall be issued unless the building has the lowest floor (including the
25	basement) elevated to aor above the base flood elevation plus 1-foot.
26	(2) No building permit for the substantial improvement of an existing residential
27	building shall be at least one foot issued unless the building has the lowest floor
28	(including the basement) elevated to or above the base flood elevation - plus 1-
29	$\frac{\text{foot.}}{\text{T}}$
30	(B) The elevation Non-residential Construction (1) New construction on substantial improvement of the lowest floor, including the
31 32	(1) New construction or substantial improvement of the lowest floor, including the
32 33	basement for any new nonresidential commercial, industrial, or non-residential building or structure and any extension or accessory to a nonresidential non
33 34	building or structure and any extension or accessory to a nonresidential <u>non-</u> residential building shall behave the lowest floor, including basement, elevated to
35	or above the base flood elevation plus 1-foot.
36	(2) New construction or substantial improvement of any building designated as Flood
37	Design Class 4 in the VA USBC shall have the lowest floor, including basement,
38	<u>elevated</u> at least one <u>1</u> -foot above the base flood elevation. Nonresidential, or the
39	0.2-percent annual chance flood elevation, whichever is higher.
40	(3) Non-residential buildings located in all A-or, AE, and AH zones may be dry-
41	floodproofed in lieu of being elevated provided that all areas of the building
42	components below the elevation corresponding to the base flood elevation plus
43	one <u>1</u> -foot are watertight with walls substantially impermeable to the passage of
44	water, and use structural components having the capability of resisting hydrostatic
45	and hydrodynamic loads and the effect of buoyancy. In no event shall any floor
46	below at least one foot above the elevation corresponding to the base flood

1	elevation <u>plus 1-foot</u> be used for human or animal habitation, food storage or food
2	preparation. A registered professional engineer or architect shall certify the design
3	and construction using the required FEMA floodproofing certification forms that
4	the standards of this subsection are satisfied. Such certifications, including the
5	specific elevation in relation to City Vertical Datum to which such structures are
6	floodproofed, shall be maintained by the Floodplain Administrator.
7	(C(4) No building permit for the substantial improvement of an existing
8	nonresidential building shall be issued unless the building, together with attendant
9	utility and sanitary facilities, has the lowest floor (including the basement)
10	elevated to or above the base flood elevation plus 1-foot. Should this not be
11	feasible, no such permit shall be issued unless the existing structure is dry-
12	floodproofed as described in section 6-307 in all areas below the base flood
13	elevation to the classification designated by the Floodplain Administrator.
14	(5) Any mixed-use building may be considered a nonresidential building for purposes
15	of this section 6-307 if all of the following conditions are met; otherwise, the
16	building shall be considered a residential building:
17	(a) No more than 20 percent of the development site is within the boundaries of
18	any A or AE zones in any floodplain district as shown on the flood insurance
19	rate map;
20	(b) At least 20,000 square feet of finished floor area of the proposed mixed-use
21	building is devoted to nonresidential use;
22	(c) Basement areas (including below grade parking) must be located outside the
23	boundaries of any A or AE zones in any floodplain district; and,
24	(d) All floodproofing requirements specified in this ordinance 6-300 and as
25	specified in NFIP Technical Bulletin 3 (2021 or later) Requirements for the
26	Design and Certification of Dry Floodproofed Non-Residential and Mixed-
27	Use Buildings - Requirements and Certification must be met.
28	(C) Space Below the Lowest Floor
29	In zones A, AE, and AH, fully enclosed areas, of new construction or substantially
30	improved structures, which are below the base flood elevation plus 1-foot shall:
31	(1) Not be designed or used for human habitation, but shall be used solely for parking
32	of vehicles, building access, or limited storage of maintenance equipment used in
33	connection with the premises. Access to the enclosed area shall be the minimum
34	necessary to allow for parking of vehicles (garage door) or limited storage of
35	maintenance equipment (standard exterior door), or entry to the living area
36	(stairway or elevator).
37	(2) Be constructed entirely of flood damage-resistant materials below the base flood
38	elevation plus 1-foot.
39	(3) Include measures to automatically equalize hydrostatic flood forces on walls by
40	allowing for the entry and exit of floodwaters. To meet this requirement, the
40 41	openings must either be certified by a professional engineer or architect or meet
42	the following minimum design criteria:
42 43	(a) Provide a minimum of two openings on different sides of each enclosed
43 44	area subject to flooding.
44 45	(b) The total net area of all openings must be at least one (1) square inch for
43 46	each square foot of enclosed area subject to flooding.
40	cach square root of enclosed area subject to flooding.

1	(c) If a building has more than one enclosed area, each area must have
2	openings to allow floodwaters to automatically enter and exit.
3	(d) The bottom of all required openings shall be no higher than one (1) foot
4	above the adjacent grade.
5	(e) Openings may be equipped with screens, louvers, or other opening
6	coverings or devices, provided they permit the automatic flow of floodwaters
7	in both directions.
8	(f) Foundation enclosures made of flexible skirting are not considered
9	enclosures for regulatory purposes, and, therefore, do not require openings.
10	Masonry or wood underpinning, regardless of structural status, is considered
11	an enclosure and requires openings as outlined above.
12	(D) All new and replacement public utilities, water mains and sanitary sewers shall be
13	designed to minimize or eliminate infiltration and exfiltration and to insureensure
14	their structural integrity under flood conditions to the satisfaction of the director of
15	the department of transportation and environmental services or the Floodplain
16	Administrator.
17	(DE) Water heaters, furnaces, electrical distribution panels and other critical
18	mechanical or electrical installations shall not be installed below the base flood
19	elevation. Separate electrical circuits shall serve areas below the base flood elevation
20	and shall be dropped from above.
21	(\underline{EF}) Any proposed use of land, development and any new construction or substantial
22	improvement of a building or structure within an A or AE zone, in conjunction with
23	all other uses, existing or possessing a valid permit for construction, shall not increase
24	the water-surface elevation of the $\frac{100 \text{ year}1\text{ - percent annual chance}}{100 \text{ by more}}$
25	than 0.5 foot. Any party proposing a land use or development or such construction or
26	improvement within an A or AE zone shall furnish specific engineering data and
27	information as to the effect of the proposed action on future flood heights and obtain
28	approval from the director of the department of transportation and environmental
29	services or the Floodplain Administrator prior to undertaking the action.
30	(FG) No building permit shall be issued for the construction or substantial
31	improvement of a building or structure unless the applicant submits to the department
32	of code administration a certification from a duly registered architect or engineer that
33	the proposed construction (including prefabricated homes) or improvement meets the
34	following requirements:
35	(1) The construction shall be protected against flood damage;
36	(2) The construction shall be designed (or modified) and anchored to prevent
37	flotation, collapse or lateral movement of the building and structure;
38	(3) The construction shall be built using materials and utility equipment that are
39	resistant to flood damage; and,
40	(4) The construction shall be built using methods and practices that will minimize
41	flood damage. The certification required bein section $6-\frac{306(F307(H)(1))}{300}$ and (2)
42	shall be based on the 100-year1-percent annual chance flood level as noted on the
43	flood insurance rate map.
44	(G) No building permit for the substantial improvement of an existing nonresidential
45	building shall be issued unless the building, together with attendant utility and sanitary
46	facilities, has the lowest floor (including the basement) elevated at least one foot above

the base flood elevation. Should this not be feasible, no such permit shall be issued unless the existing structure is watertight floodproofed as described in section 6-306 in all areas below the base flood elevation to the classification designated by the director of transportation and environmental services.

(H) No building permit for the substantial improvement of an existing residential building shall be issued unless the building has the lowest floor (including the basement) elevated at least one foot above the base flood elevation.

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- Wherever floodproofing is utilized within the scope of this section 6-300, such (H) floodproofing shall be done by approved methods. A registered professional engineer or architect shall certify the adequacy of the floodproofing design to withstand the stresses of the base flood and such plan shall cite the elevation to which the structure is floodproofed. All certified floodproofing shall be designed as passive and without the need for human intervention. Certifications must be in accordance with the NFIP Technical Bulletin 3, latest version. Such certification shall be provided on Federal Emergency Management Agency, National Flood Insurance Program, elevation certificate and/or floodproofing certificate as applicable. Designs meeting the requirements of the W-1 and W-2 without human intervention technique as outlined in floodproofing regulations of the Office of the Chief of Engineers, U.S. Army, December 15, 1995, shall be deemed to comply with this requirement.deemed applicable by the Floodplain Administrator. The building or code official shall maintain a file of such certifications, including the elevation of the lowest floor for structures that are elevated in lieu of watertight floodproofing.
- (I) (J) For all Wherever pilings or columns are used for new construction or and substantial improvements the following provisions shall apply:
 - (1) The bottom of the lowest horizontal structural member of the lowest floor (excluding the pilings or columns) is elevated to or above the base flood level plus 1-foot. If the lowest horizontal structural member is parallel to the direction of wave approach or elevated at least two feet above the base flood level if the lowest horizontal structural member is perpendicular to the direction of wave approach; and
 - (2) The pile or column foundation and structure attached thereto is anchored to resist flotation, collapse, and lateral movement due to the effects of wind and water loads acting simultaneously on all building components. Wind and water loading values shall each have a one percent chance of being equaled or exceeded in any given year (one percent annual chance).
 - (3) A registered professional engineer or architect shall develop or review the structural design, specifications, and plans for the construction, and shall certify that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the provisions of 6-307(J).
 - (4) The Floodplain Administrator shall obtain the elevation (in relation to City Vertical Datum) of the bottom of the lowest horizontal structural member of the lowest floor (excluding pilings and columns) of all new and substantially improved structures, fully enclosed areas. The Floodplain Administrator shall maintain a record of all such information.
- (5) All new construction and substantial improvements shall have the space below the lowest floor (other than a basement) which are either free of obstruction or

1	constructed with non-summerting breakers wells, onen wood letting work on
1	constructed with non-supporting breakaway walls, open wood-lattice work, or
2	insect screening intended to collapse under wind and water loads without causing
3	collapse, displacement, or other structural damage to the elevated portion of the
4	building or supporting foundation system. For the purpose of this section, a
5	breakaway wall shall have a design safe loading resistance of not less than 10 and
6	no more than 20 pounds per square foot. Use of breakaway walls which exceed a
7	design safe loading resistance of 20 pounds per square foot (either by design or
8	when so required by local codes) may be permitted only if a registered
9	professional engineer or architect certifies that the designs proposed meet the
10	following conditions:
11	(a) Breakaway wall collapse shall result from water load less than that which
12	would occur during the base flood; and
13	(b) The elevated portion of the building and supporting foundation system
14	shall not be subject to collapse, displacement, or other structural damage due
15	to the effects of wind and water loads acting simultaneously on all building
16	components (structural and nonstructural). Maximum wind and water loading
17	values to be used in this determination shall each have a one percent chance of
18	being equaled or exceeded in any given year.
19	(6) The enclosed space below the base flood elevation lowest floor shall:
20	(1) Only be used <u>solely</u> for the parking of vehicles, building access, or limited storage
20	of maintenance equipment used in connection with the premises and. Such space
$\frac{21}{22}$	shall not be designed partitioned into multiple rooms, temperature-controlled, or
22	used for human habitation. Access to The enclosed area shall be the minimum
23 24	necessary to allow for parking of vehicles (garage door) or limited storage of
24 25	maintenance equipment (standard exterior door), or the entry to the living area
23 26	
20 27	(stairway or elevator);
	(2) Be constructed entirely of flood resistant materials below the base flood elevation;
28	and,
29	(3) Include, in A and AE zones, measures to automatically equalize hydrostatic flood
30	forces on walls by allowing for the entry and exit of floodwaters. To meet this
31	requirement, the openings must be certified by a professional engineer or architect
32	or meet the minimum design criteria:
33	(a) Provide a minimum of two openings on different sides of each enclosed
34	area subject to flooding;
35	(b) The total net area of all openings must be at least one square inch for each
36	square foot of enclosed area subject to flooding;
37	(c) If a building has more than one enclosed area, each area must have
38	openings to allow floodwaters to automatically enter and exit;
39	(d) The bottom of all required openings shall be no higher than one foot above
40	the adjacent grade;
41	(e) Openings may be equipped with screens, louvers, or other opening
42	coverings or devices, provided they permit the automatic flow of floodwaters
43	in both directions; and,
44	(f) Foundation enclosures made of flexible skirting are not considered
45	enclosures for regulatory purposes, and, therefore, do not require openings.

1	Masonry or wood underpinning, regardless of structural status, is considered
2	an enclosure and requires openings as outlined above.
$\frac{2}{3}$	(K) Any mixed-use building may be considered a nonresidential building for purposes
4	of this section 6-306 if all of the following conditions are met; otherwise, the
5	building shall be considered a residential building:
6	(1) No more than 20 percent of the development site is within the boundaries
7	of any A or AE zones in any floodplain district as shown on the flood
8	insurance rate map;
9	(2) At least 20,000 space shall be less than 300 square feet of finished floor
10	area of the proposed mixed use building is devoted to nonresidential use;
11	(3) Basement areas (including below grade parking) must be located outside
12	the boundaries of any A or AE zones in any floodplain district; and,
13	(4) All floodproofing requirements specified in this section 6-300 and as specified in
14	FEMA Technical Bulletin 3 93 Non-Residential Floodproofing - Requirements
15	and Certification must be met.
16	(7) <u>6-307 The use of fill for structural support of buildings is prohibited. When non-</u>
17	structural fill is proposed in a coastal high hazard area, appropriate engineering
18	analyses shall be conducted to evaluate the impacts of the fill prior to issuance of
19	<u>a permit.</u>
20	
21	<u>6-308</u> Other conditions.
22	(A) No filling of any kind shall be allowed within the boundaries of any A or AE zone
23	except where such filling, when considered in conjunction with all other uses,
24	existing and proposed, will not increase the base flood elevation more than 0.5 foot.
25	Persons proposing such filling shall furnish specific engineering data and information
26	as to the effect of their proposed action on future flood heights and shall obtain
27	approval from the director of the department of transportation and environmental
28	services or the Floodplain Administrator prior to any filling.
29	(B) All uses, activities and development occurring within any floodplain district shall
30	only be undertaken in strict compliance with the Virginia Uniform Statewide
31	Building Code (VA USBC).
32	(C) No wall, fence or other outdoor obstruction shall be constructed in any floodplain
33	district unless such structure is approved by the director of <u>the department of</u>
34	transportation and environmental services or the Floodplain Administrator; provided
35	that open mesh wire fences of not less than No. 9 wire, with mesh openings of not
36	less than six inches times six inches, whose supports shall be securely anchored in
37	concrete and whose wire shall be securely fastened to the supports, may be erected
38	without any review by or approval of the director of <u>the department of</u> transportation
39	and environmental services or the Floodplain Administrator under this section $6-300$.
40	(D) The provisions of this section 6-300 shall not be construed to prevent the
41	remodeling (not amounting to substantial improvement), maintenance or
42 43	floodproofing of buildings and structures now existing, or prevent the surfacing or resurfacing of existing streats or parking lots within two inches of the existing grade
43 44	resurfacing of existing streets or parking lots within two inches of the existing grade.
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2	6-308309 Subdivision requirements.
3	(A) <u>All</u> subdivision proposals which are located in A or AE zones must comply with the
4	provisions of section 6-300 and shall:
5	(A) (1) be consistent with the need to minimize flood damage;
6	(B) (2)- <u>All subdivision proposals shall</u> have public utilities and facilities such as sewer,
7	gas, electrical and water systems located and constructed to minimize flood damage;
8	(C) (3) <u>All subdivision proposals shall</u> have adequate drainage provided to reduce
9	exposure to flood hazards;, and,
10	(4) Include base flood elevation data.
11	(D) Include base flood elevation data. Where no base flood elevation data is determined,
12	base flood elevation data shall be obtained from other sources or developed using
13	detailed methodologies, hydraulic and hydrologic analysis, comparable to those
14	contained in a Flood Insurance Study for subdivision proposals and other proposed
15	development proposals that exceed fifty lots or five acres, whichever is lesser.
16	
17	6-309310 Trailer camps, manufactured homes, mobile homes, recreational vehicles, and septic
18	tank systems.
19	(A) <u>In zones A, AE, and AH, all</u> trailer camps, manufactured homes, and mobile
20	homes are not permitted in any floodplain district.
21	(B) All recreational vehicles in the floodplain must be on the site for fewer than 180
22	consecutive days-and, be fully licensed and ready for highway use- (a recreational
23	vehicle is ready for highway use if it is on its wheels or jacking system, is attached to
24	the site only by quick disconnect type utilities and security devices and has no
25	permanently attached additions)
26	(C) Installation of septic tank systems in any floodplain district is prohibited.
27	
28	6-310311 Projects in Floodplain Areas.
29	(A) Existing Structures
30	Any structure or use of a structure or premises must be brought into conformity with
31	these provisions when it is changed, repaired, or improved unless one of the
32	following exceptions is established before the change is made:
33	(1) The director of the department of transportation and environmental services or the
34	Floodplain Administrator has determined that:
35	(a) Change is not a substantial repair or substantial improvement AND
36	(b) No new square footage is being built in the floodplain that is not
37	<u>compliant AND</u>
38	(c) No new square footage is being built in the floodway AND
39	(d) The change complies with this ordinance and the VA USBC
40	(2) The changes required to comply with a citation for a health or safety violation.
41	(3) The structure is a historic structure and the change required would impair the
42	historic nature of the structure.
43	(A)(B) Flood Prevention Projects.
44	Nothing in sections 6-304 through section 6-308309 shall be construed to
45	prohibit the City of Alexandria or any person from undertaking lawful filling,

1	draining, construction, realignment or relocation of stream channels or any other
2	improvement that is intended to eliminate or reduce the danger of flooding, provided:
3	(A1) The improvement is in accord with the City of Alexandria's flood
4	improvement plan for the floodplain district involved and the director of the
5	department of transportation and environmental services or the Floodplain
6	Administrator has issued a certificate to that effect;
7	$(\underline{B2})$ The improvement is under the general supervision of the director of the
8	department of transportation and environmental services or the Floodplain
9	Administrator;
10	$(\underline{C3})$ The realignment or relocation of any stream channel is designed and
11	constructed so that there will be no reduction in the natural valley storage
12	capacity of the area with respect to the 100-year <u>1-percent annual chance</u>
13	flood, unless such relocation or realignment is designed to contain the 100-
14	year <u>1-percent annual chance flood</u> within the banks of the channel;
15	(<u>D4</u>) Notification, in riverine situations, is provided to adjacent communities,
16	Virginia Department of Conservation and Recreation, FEMA, and other
17	required agencies prior to any alteration or relocation of a watercourse; and,
18	(E5) The requirements of section $6-306(E_{307}(G))$ and section $6-307308(A)$
19	must be met.
20	
21	6- 311<u>312</u> Variances.
22	(A(A)) Variances shall be issued only upon (i) a showing of good and sufficient cause,
23	(ii) after City Council has determined that failure to grant the variance would result in
24	exceptional hardship to the applicant, and (iii) after the City Council has determined
25	that the granting of such variance will not result in (a) unacceptable or prohibited
26	increases in flood heights, (b) additional threats to public safety, (c) extraordinary
27	public expense; and will not (d) create nuisances, (e) cause fraud or victimization of
28	the public, or (f) conflict with local laws or ordinances.
29	(B) The city council may, for good and sufficient cause, permit less than full
30	compliance with or waive the provisions of sections 6-304 through section-6-
31	310 311, provided:
32	(1) Written application is made stating the hardship which will occur if the variance
33	is not granted;
34 25	(2) A public hearing is held;(2) The decision is mode by a maiority wate of the entire membership of sity econoril.
35 36	(3) The decision is made by a majority vote of the entire membership of city council upon finding that the variance is the minimum necessary, considering the flood
30 37	hazard, to afford relief;
38	(4) The director of <u>the department of</u> transportation and environmental services <u>or the</u>
38 39	Floodplain Administrator states in writing that the variance(s) will not result in
39 40	unacceptable or prohibited increases in flood heights, additional threats to public
40	safety, extraordinary public expense; and will not create nuisances, cause fraud or
42	victimization of the public, or conflict with local laws and ordinances; and,
43	(5) The director of <u>the department of</u> transportation and environmental services <u>or the</u>
44	<u>Floodplain Administrator</u> notifies the applicant in writing that the issuance of a
45	variance to construct a structure below the base flood elevation will result in
10	variance to construct a structure below the base nood elevation will result in

1	increased insurance premium rates for flood insurance and that such construction
2	will increase the risks to life and property.
3	(C) While the granting of variances generally is limited to a lot size less than one-half
4	acre, deviations from that limitation may occur. However, as the lot size increases
5	beyond one-half acre, the technical justification required for issuing a variance
6	increases. Variances may be issued by City Council for new construction and
7	substantial improvements to be erected on a lot of one-half acre or less in size
8	contiguous to and surrounded by lots with existing structures constructed below the
9	base flood level, in conformance with the provisions of this Section.
10	(D) Variances may be issued for new construction and substantial improvements and
11	for other development necessary for the conduct of a functionally dependent use
12	provided that the criteria of this Section are met, and the structure or other
13	development is protected by methods that minimize flood damages during the base
14	flood and create no additional threats to public safety.
15	(E) In evaluating passing upon applications for variances, the director of the
16	department of transportation and environmental services or the Floodplain
17	Administrator shall satisfy all relevant factors and procedures specified in other
18	sections of the city's zoning ordinance and consider the following additional factors:
19	(1) The danger to life and property due to increased flood heights or velocities caused
20	by encroachments;. No variance shall be granted for any proposed use,
21	development, or activity within any Floodway District that will cause any increase
22	in the one percent (1%) chance flood elevation;
23	(2) The danger that materials may be swept onto other lands or downstream to the
24	injury of others;
25	(3) The susceptibility of the proposed facility and its contents to flood damage and
26	the effect of such damage on the individual owners;
27	(4) The importance of the services provided by the proposed facility to the
28	community;
29	(5) The requirements of the facility for a waterfront location;
30	(6) The availability of alternative locations not subject to flooding for the proposed
31	
32	(7) The compatibility of the proposed use with existing development and
33	development anticipated in the foreseeable future;
34 25	(8) The relationship of the proposed use to the comprehensive plan and floodplain
35	management program for the area; (0) The sofety of access by ordinary and emergency vahiales to the property in time.
36 37	(9) The safety of access by ordinary and emergency vehicles to the property in time
	of flood; (10) The expected heights velocity duration rate of rise, and addiment
38 39	(10) The expected heights, velocity, duration, rate of rise, and sediment
39 40	transport of the flood waters expected at the site; $\frac{\text{and}}{\text{and}}$.
40 41	(11) Variances will not be issued for any accessory structure within the SFHA (Note: See section 6-307(D)(1)).
41	
42 43	(12) Such other factors which are relevant to the purposes of this ordinance. (CF) The director of the department of transportation and environmental services or the
43 44	<u>Floodplain Administrator</u> may refer any application and accompanying
44 45	documentation pertaining to any request for a variance to any engineer or other
43 46	qualified person or agency for technical assistance in evaluating the proposed project
40	quantieu person or agency for technical assistance in evaluating the proposed project

1	in relation to flood heights and velocities, and the adequacy of the plans for flood
2	protection and other related matters.
3	(D(G) <u>Variances shall be issued only after City Council has determined that the granting</u>
4	of such will not result in (a) unacceptable or prohibited increases in flood heights, (b)
5	additional threats to public safety, (c) extraordinary public expense; and will not (d)
6	create nuisances, (e) cause fraud or victimization of the public, or (f) conflict with
7	local laws or ordinances.
8	(H) Variances shall be issued only after City Council has determined that the variance
9	will be the minimum required to provide relief.
10	(I) The director of the department of transportation and environmental services or the
11	Floodplain Administrator shall notify the applicant for a variance, in writing that the
12	issuance of a variance to construct a structure below the one percent (1%) chance
13	flood elevation (a) increases the risks to life and property and (b) will result in
14	increased premium rates for flood insurance.
15	(J) A record shall be maintained of the above notification as well as all variance
16	actions, including justification for the issuance of the variances. Any variances that
17	are issued shall be noted in the annual or biennial report required to be submitted to
18	the FEMA-Federal Insurance Administrator.
19	(E) Variances may be issued by a community for new construction and substantial
20	improvements and for other development necessary for the conduct of a functionally
21	dependent use.
22	
23	6-312313 Compliance, liability, severability, and penalties.
24	(A) No land shall hereafter be developed and no structure shall be located, relocated,
25	constructed, reconstructed, enlarged or structurally altered except in full compliance
26	with the terms and provisions of this section 6-300 and any other applicable
27	ordinances and regulations which apply to uses within the jurisdiction of these
28	floodplain district regulations.
29	(B) The degree of flood protection required sought by these floodplain district
30	regulations and all other applicable local, state and federal regulationsthe provisions
31	of this ordinance section 6-300 is considered reasonable for regulatory purposes- and
32	is based on acceptable engineering methods of study but does not imply total flood
33	protection. Larger floods may occur on rare occasions-or. Flood heights may be
34	increased by man-made or natural causes-, such as ice jams and bridge openings
35	restricted by debris. Therefore, the regulations set forth in this section 6-300 dodoes
36	not imply that areas outside the floodplain districts, or land uses permitted within
37	such districts, will be free from flooding and flood damages-under all conditions.
38	Additionally, the granting of a permit or approval of a development in an identified
39	floodplain district shall not constitute a representation, guarantee, or warranty of any
40	kind by any official or employee of the City of Alexandria of the practicability or
41	safety of the proposed use, and shall create no liability upon the City of Alexandria,
42	its officials or employees
43	(C) This ordinance shall not constitute a representation, guarantee, or warranty of any
44	kind by any official or employee create liability on the part of the City of Alexandria
45	of the practicability or safety of the proposed use, and shall create no liability upon
46	the City of Alexandria, its officials or employees or any officer or employee thereof

1	for any flood damages that result from reliance on this ordinance, or any
2	administrative decision lawfully made thereunder.
3	(CD) If any section, subsection, paragraph, sentence, clause, or phrase of this section 6-
4	300 shall be declared invalid for any reason by a court of competent
5	jurisdictionwhatsoever, such decision shall not affect the remaining portions of this
6	section 6-300. The remaining portions shall remain in full force and effect; and for
7	this purpose, the provisions of this section 6-300 are hereby declared to be severable.
8	(D) (E) Penalty for Violations
9	Any person who fails to comply with any of the requirements or provisions of this
10	article or directions of the director of the planning and zoning department or any authorized
11	employee of the City of Alexandria shall be guilty of the appropriate violation and subject
12	to the penalties thereof.
13	The VA USBC addresses building code violations and the associated penalties in Section
14	104 and Section 115. Any person who shall engage in new construction, substantial
15	improvement or development without a building permit as required by VA USBC and
16	these floodplain management regulations shall be subject to the violations and
17	associated penalties provided of the Zoning Ordinance of the City of Alexandria are
18	addressed in Section 11-200 of the Zoning Ordinance.
19	6-313 Appeals.
20	In addition to the above penalties, all other actions are hereby reserved, including an action
21	in equity for the proper enforcement of this article. The imposition of a fine or penalty
22	for any violation of, or noncompliance with, this article shall not excuse the violation
23	or noncompliance or permit it to continue; and all such persons shall be required to
24	correct or remedy such violations within a reasonable time. Any structure constructed,
25	reconstructed, enlarged, altered, or relocated in noncompliance with this article may be
26	declared by the City of Alexandria to be a public nuisance and abatable as such. Flood
27	insurance may be withheld from structures constructed in violation of this ordinance.
28	
29	6-314 Abrogation and Greater Restrictions.
30	To the extent that the provisions are more restrictive, this ordinance supersedes any ordinance
31	currently in effect in floodplain districts. To the extent that any other existing law or regulation is
32	more restrictive or does not conflict it shall remain in full force and effect.
33	Any person aggrieved by a decision of the director of <u>the department of</u> transportation and
34	environmental services or the Floodplain Administrator under this section 6-300 may appeal that
35	decision to City Council; provided, that the appeal shall be filed in writing with the city clerk
36	within 15 days of the decision being appealed and shall describe the decision being appealed and
37	the reasons why the person believes the decision to be invalid.
38	These regulations are not intended to repeal or abrogate any existing ordinances including
39	subdivision regulations, zoning ordinances, or building codes. In the event of a conflict between
40	these regulations and any other ordinance, the more restrictive shall govern.
41	
42	6- <u>314315 Records and Annual report.</u>
43	Records of actions associated with administering this ordinance shall be kept on file and
44	maintained by or under the direction of the director of the department of transportation and
45	environmental services or the Floodplain Administrator in perpetuity.

- It shall be the city manager's duty to submit any reports to FEMA and the floodplain coordinator 1 at the Virginia Department of Conservation and Recreation that may be required regarding the 2 City of Alexandria's compliance with flood floodplain management regulations. 3 4 5 Section 2. That the director of planning and zoning be, and hereby is, directed to record the foregoing text amendment. 6 7 8 Section 3. That Section 6-300, as amended pursuant to Section 1 of this ordinance, be, and the same hereby is, reordained as part of the City of Alexandria Zoning Ordinance. 9 10 11 Section 4. That this ordinance shall become effective on the date and at the time of 12 its final passage, and shall apply to all applications for land use, land development or subdivision approval provided for under the City of Alexandria Zoning Ordinance which may be filed after 13 such date, and shall apply to all other facts and circumstances subject to the provisions of the 14 City of Alexandria Zoning Ordinance, except as may be provided in Article XII of the Zoning 15 Ordinance. 16 17 JUSTIN WILSON 18 Mayor 19 20 Introduction: 12/12/23 21 First Reading: 12/12/23 Publication: 22 23 Public Hearing: 12/16/23 Second Reading: 12/16/23 24
- 25 Final Passage: 12/16/23