Residential Permit Application/ Review Checklist

Note: If no address has been assigned by this office the driveway and the 4 corners of the building must be staked prior to scheduling a 911 address request. Permit applications can NOT be submitted without a physical address.

	Submittal List ldress:		
Applicant Submitted Y/N	Reviewed by Staff Y / N		
1 / 11	1 / 11	Zoning Application, He	alth Dept. Release Form & Site Plan (showing
			distances to lots lines and location of well and septic.)
		Recorded Plats required	for New construction
		Copy Zoning Clearance	e (by Town if applicable)
		Virginia Contractors Li	icense or Owners Affidavit
		Business License – City	or County
		Flood Zone Documenta	tion & Elevation Certificate (<i>if applicable</i>)
		Well & Septic Permit or	r Tap Fee Receipt
		E&S Permit or In-lieu o	of Agreement
		Shrink Swell Soil Test f	or Site
		VDOT Driveway Permi	t (if applicable)
		Building Permit Applica	ation
		1 & 2 Family Residentia	al Plan Submittal Guidelines
		1 Set of Building Plans	(New and Existing Work)
		1 copies U.S. Dept. of E	nergy, RESCheck (New only)
		1 copies Brace Wall Cal	culations (New & Additions)
		Mechanical Permit Affi	davit (when applicable)
		Whole-House Ventilation	on Statement
Final / C	ertificate of	Occupancy List	
		All Inspections Comple	tion List
		All Additional or Special	
			& Well Operation Permit
		E&S / SWM Office sign	
		Duct Pressure Test Res	
		VDOT entrance approv	
		Certificate of Occupance	y
		Completed Zoning Perr	nit
		Supervisor Review	Date
	-		ntil the missing documents are provided.
Signature	۱ <u>٠</u>	$\mathbf{D}_{!}$	ate:





DEPARTMENT OF COMMUNITY DEVELOPMENT ZONING CLEARANCE APPLICATION

DATE:
SS):
ZONED:
_PHONE:
o 🗌
D AREA? (100 year flood plain) YES: NO:
INING ALL APPLICABLE STATE AND/OR FEDERAL S UNDERSTOOD THAT NO CHANGE IN USE SHALL BE NISTRATOR.
DATE
E USE ONLY REASON FOR DENIAL:
DATE:

FRANKLIN 6 SOUTHAMPTON
DEPARTMENT OF COMMUNITY DEVELOPMENT
207 WEST SECOND AVENUE, FRANKLIN VIRGINIA 23851
OFFICE: 757-562-8580 FAX: 757-562-0870

ZONING CLEARANCE CHECKLIST

<u>PURPOSE</u>: To insure that the proposed business or use of the property will be in conformance with the zoning ordinance and the allowable uses within the zoning district in which it is located.

To help us streamline this review please include the pertinent information below along with your application. If you have any questions please call the Department of Community Development at (757) 562-8580 OR visit the cityøs web site at www.franklinva.com and click on Business License Information on the right side of the home page.

NEW BUSINESS GOING INTO EXISTING BUILDINGS

- Provide a narrative outlining the type of Goods and Services to be offered and the general operation of the business affecting the use of the property including any on site or outdoor display or storage.
- Material Safety Data Sheets (MSDS) for Hazardous materials, etc.
- Floor plan identifying the use of each space/any alterations that are proposed.
- Property owner approval letter or a copy of lease agreement allowing the described use and building changes.

MINIMUM REQUIREMENTS FOR A SITE PLAN SUBMITTAL (IF APPLICABLE)

- Lot dimensions. Address and adjacent street names. A scaled plat is preferred and may be required.
- Provide the location and sizes of all existing, proposed buildings and accessory structures on property
 including (if applicable) the location of private wells and sewerage disposal systems (septic tanks
 and drain fields). Include the distances in feet from all property lines to the main structure and
 accessory structures including detached garages, sheds swimming pools, walls, fences and wells, septic
 tanks / drain fields, etc.
- The location of existing and proposed driveways and surface type. (gravel, concrete, asphalt).
- Land area in acres or square feet to be disturbed including land that is to be cleared, graded or excavated.
- Fences to include the height and type (privacy, chain link, wire, picket or 50% open).
- Temporary use of trailers serving as contractor
 offices, on-site storage yards for construction materials
 and containers for construction debris in conjunction with construction of improvements to real property
 during the construction period, are permitted in all zoning districts, but limited to 180 days in residential
 districts. Submittal of site plans of improvements should indicate all locations and setbacks of such
 trailers.



City of Franklin-Southampton County Department of Community Development Planning – Building Inspections - Zoning



AGREEMENT IN LIEU OF AN EROSION AND SEDIMENT CONTROL PLAN FOR A SINGLE FAMILY RESIDENCE

Land Disturbing Permit No
Building Permit No
Subdivision
Address
Lot No
In lieu of submission of an erosion and sediment control plan for the construction of this single family dwelling, I agree to comply with any reasonable requirements determined necessary by the City of Franklin/Southampton County Department of Community Development, representing either the Building Official or the City Engineer. Such requirements shall be based on the conservation standards contained in the City of Franklin/Southampton County Erosion and Sediment Control Ordinances, and shall represent the minimum practices necessary to provide adequate control of erosion and sedimentation on or resulting from this project.
In addition to the below measures, all denuded areas on the lot shall be stabilized within 15 days of final grading with permanent vegetation or a protective ground cover suitable for the time of year.
I further understand that failure to comply with such requirements within three working days following notice by the City of Franklin/Southampton County Department of Community Development could result in citation for violation of the City of Franklin/Southampton County Erosion and Sediment Control Ordinances.
Measures Specified by Plan Approving Authority:
Install and maintain construction entrance and silt fence per Virginia Erosion and Sediment Control Handbook.
Other:
Signature of Landowner:
Party Responsible for Erosion Control: (If different from Landowner)
Approved By:Date



ALL SECTIONS MUST BE COMPLETED



Franklin - Southampton Building Permit Application 207 West 2nd Avenue, Franklin, VA 23851, Phone (757)562-8580

Must be accompanied with required construction documents from list on page two.

A permit is hereby requested for the construction, alteration, repair or demolition of a structure located at:
Address Tax Map Number
Total Contract Amount, including labor and materials \$
Check all that apply: BuildingElectricalPlumbingMechanicalOther
All contractors must submit a copy of their current Virginia Contractors License at the time of application.
Contractors/Tradesman License Number: Class Type
Special Zoning Approval Letter from: Boykins Branchville Capron Courtland Ivor Newsoms
Copy of VDOT Driveway Permit , if applicable - Yes No (Check the appropriate spaces)
Name, Address, Phone Number, Email Address of Contractor:
Name, Address, Phone Number, Email Address of Property Owner:
Structure is: New Existing Addition Located in the Enterprise Zone Yes No
Residential Commercial Industrial HUD Home Modular Other
Lien Agent Name, Address, Phone Number
Is property located in the Special Flood Hazard Area? (100 yr. floodplain) Yes No
Consul Description of World
General Description of Work:
This construction to comply with 2012 (check one) VPC VPC UID
This construction to comply with 2012 (check one) VBC VRC HUD
The structure / addition listed herein may not be occupied until such time as the Final Inspection has
The structure / addition listed herein may not be occupied until such time as the Final Inspection has been passed and/or the Certificate of Occupancy has been issued by this office.
been passed and/or the Certificate of Occupancy has been issued by this office. Check one: Owner: Owner Agent: Contractor:
been passed and/or the Certificate of Occupancy has been issued by this office.

Franklin - Southampton Community Development Department

Application Package List - for New Construction of or Additions to One and Two Family Dwellings and Accessory Structures (Contact our office for list on Commercial and E&S / SWM applications)

Building Permit Application
Two Sets of Site Plan
Stormwater Management Waiver Application
Copy Zoning Permit by Town (if applicable)
VDOT Driveway Permit (if applicable)
E&S /SWM Permit or In-lieu of Permit Agreement
Shrink Swell Soil Test for Site (new construction, or
addition exceeding 40% of existing footprint)
Well & Septic Permit or Tap Fee Receipt
1 & 2 Family Residential Plan Submittal Guidelines
Two Sets of Building Plans
Two copies of the Dept of Energy, RESCheck
Two copies of the Brace Wall Calculations
**Manual J from HVAC Contractor (see below)
**Manual D from HVAC Contractor (see below)
Virginia Contractors License or Owners Affidavit
Contractors City / County Business License

When submitted, the *Application Package* and its accompanying documents will receive a concise review to assure the required information is included before it is date stamped as received. A complete review of the *Application Package* and its supportive documentation will be made on a first come, first served basis. *Application Packages* that are returned for additional information or corrections will be reassigned with a new submission date and placed back into the rotation from that date. <u>A Construction / Plan Review meeting will be scheduled with the Plans Examiner and the Builder on an as needed basis.</u>

Energy and Wind Bracing - With the introduction of new requirements in energy (Chapter 11 VRC) and wind bracing (Section 602.10 VRC), a builder must collect information from his Registered Design Professional or plans designer and exchange information with his construction material supplier and HVAC contractor. The builder must submit two complete copies of a RESCheck from the Department of Energy (see DOE web page) to assure building envelope is code compliant and to assist the HVAC contractor in calculating a Manual S from a Manual J and Manual D. The builder should complete or caused to be completed the digital *Brace Wall Calculation Inter-active Form* found on the City or County web pages.

Site Plan. Two copies of a building site plan / survey must be in the *Application Package*. The survey must have a North indicator. Show the location of all existing structures and the proposed structure in a likeness of the structures footprint so the front of the building is clearly indicated. Additionally, the distance in feet to any wooded area 25qdeep and 30qin height or any structures 30qtall within 600qof the proposed dwelling on the site plan, even if the trees/structures are on another

property. The site plan must also include the distance from all four sides of the dwelling to the respective property lines. The name, address,

and occupation of the Site Plan/Survey preparer must be included on the document.

Construction Drawings - Two complete, legible, and identical sets of building plans drawn to no less than ½+per foot scale must be submitted. All supporting documentation, shop drawings, code furnished drawings, truss or engineered layout, site plan, Manual D and Manual J, RESCheck, layout, etc., must be included. The sequencing of the plancs assembly must follow the same order as the black headings on the 1 & 2 Family Residential Plan Submittal Guidelines (RPSG) found on city and county web pages. The plans must be secured along the left margin strongly enough to withstand the rigors of the field construction environment.

Plan Review Guideline checklist - All of the items on RPSG must be answered on the Guidelines. Check the %GK+column for relevant items found on your plans. Check the %M/A+column for items not necessary on the plans, such as basement info for a home with no basement planned. The %REJ+, %REC+and %REMARKS+columns are for the plans examiner use.

Permits - When the *Application Package* is reviewed and approved, you will be contacted to pick up the permit. Should the *Application Package* be returned for additional information or corrections, the *RPSG* with the plans examiners remarks will be returned to you. The original *RPSG* must be returned with the re-submittal. Failure to return the original *RPSG* will result in another complete plan review and a additional plan review fee.

**Manuals D & J - The Manual D and Manual J do not have to be submitted with the initial *Application Package*; they may be submitted with the HVAC Application. However, an HVAC plan review will be conducted in the normal plan review rotation should the Manuals D & J be submitted separate from the construction plans Regardless of when the Manuals D & J are submitted, two copies of the RESCheck must accompany the initial (building) *Application Package*.

VDOT Driveway Permits are required in Southampton County.

Fees . All applicable fees, including but not limited to zoning clearance, tap fees, permit fees, E&S fees (if applicable), stormwater fees (if applicable), and administrative fees are payable prior to issuance of any permits.

I have r	read a	and	understand	the	above	information	and
requiren	nents	for s	submittal.				
Applicar	nts Ini	itials	:				



Hampton Roads Regional 1 & 2 Family Residential Plan Submittal Guidelines



This document was taken from the 2012 VBCOA Region VIII Residential Plan Review document in its entirety and, except for the logo change, has not been altered.

Date	Application #	Model same as Name/No	Contractor	Reviewed by	Reply Checked by
determine comp	pliance with the Commonwea	nd lengthy procedure. However, a well researched, properleth of Virginia codes and County or local ordinances will a	move quickly through the process a		-
olans are requir	red on a job site during the ins	pection process to help reduce delays and the number of re	e-inspections.		

To aid design professionals and contractors, the following list has been prepared as a guide only. Depending on the scope of work to be permitted, some items may not apply, or more specific information may be required. Using this form should greatly reduce the chances of submitting deficient plans. Plans found with insufficient information will be rejected, requiring revised plans to be resubmitted when all corrections are made. Sheets in plans should have all items that pertain to the headings in solid black background. Recommended sequencing of plans should be same order as black headings. The following items must be included with all residential permit applications at the time of submittal. The application will not be reviewed if all items have not been included.

Please see local jurisdiction cover sheet for any extra submittal guidelines.

With your response to our remarks, identify where your response is located on the plans. Partial responses will not be accepted. The corrections noted here are subject to change and/or be added to for code compliance as updates are made to plans.

Red indicates 2012 Virginia Residential Code (VRC) Section (CK=Checked; N/A=Not Applicable; REJ=Rejected/Needed; REC=Reply Received)

CK	N/A	REJ	REF #	ITEM	CODE REF	REC	REMARKS
				100 ITEMS NEED CHECKED ON SUBMITTALS	CODE REF		REWARRS
				Plans			
			101	Residential Plan Submittal Guidelines			
			102	Statement of Residential Energy Code Compliance			
			103	Code under which designed	103.2		
			104	Registered Design Professional seal (if required)	111.1		
			105	Plans in architectural scale (1/8" smallest and readable) (Reduction of original scale not acceptable)	109.3		
			106	All sheets numbered and bound sequentially	109.3		
			107	Designer's name, address, and occupation	111.1		
			108	Energy efficiency IECC 2012 (prescriptive or Res Check)	1101.1, 303.1		
				Site Plan			
			109	Approved site plan	109.2		
			110	Must match drawing layout	109.2		
			111	Drainage	401.3		
			112	Exterior wall location (fire separation distance)	302		
			113	Compaction certification (as required) Gravel > 24" Earth > 8"	506.2.1		
			114	Flood Zone	322		
				Soils report (as required)			
			115	Include 2 borings	109.3, 401.4		
			116	Show locations	109.3		
				HVAC permit application			
			117	Manual D and J (as required)	109.1, 1401.3		

						- ·	
CK	N/A	EJ	REF #			REC	
0	Z	R	×	ITEM	CODE REF	~	REMARKS
				Water / Sewer disposal system			
			118	State on application	109.3		
				Other			
			119				
			120				
				200 FOUNDATION PLAN			
				Grading			
			201	Engineered fill	506.2.1		
			202	Unusual grade elevation issues / concrete slab on grade	403.1.7, 506.2.1		
				Footings			
			203	Exterior footings: locations, depth and width or per soil report	403.1.1, 401.2		
П	\Box	$\overline{}$	204	Piers: size, height, and location	403.1.1	П	
	\Box	$\overline{\Box}$	205	Rebar: number and size	Table 404.1(1)	П	
				Vented and conditioned crawl spaces			
П			206	Flood vents, if required	322.2.2	П	
肓	Ī	Ħ	207	Vents within 3' of corners	408.1	Ħ	
肓	$\overline{\Box}$	F	208	Vent calculations	408.1	愩	
Ħ	Ħ	F	209	Crawl access door 16" x 24"	408.4	Ħ	
Ħ	Ħ	Ħ	210	Unvented conditioned crawl (air flow)	408.3	Ħ	
] [1	Unvented conditioned crawl (insulation) specify ICC/ES	1102.2.10, Table 1102.1.1		
ΙШ			211	report	1102.2.10, 14.510 1102.111	Ш	
				Foundation Walls			
П			212	Masonry or concrete foundation walls: thickness	404.1.1, 404.1.5	\Box	
Ħ	\exists	H	213	Pier and curtain walls	404.1.5.3	Ħ	
Ħ	\blacksquare	H	214	Point loads	401.2	Ħ	
				Details	10112		
П			215	Grout type & reinforcement double wythe walls	609.1.1, 608.1	т	
Ħ	Ħ	Ħ	216	Vertical rebars	Table 404.1.1(2)-(4)	Ħ	
Ħ	\exists	Ħ	217	Anchor bolts or other mfgr's anchor type, size and spacing	403.1.6	Ħ	
Ħ	Η	H	218	P.T. plate, girder, joists <18" to inside crawl grade	317.1	Ħ	
Ħ	Ħ	H	219	Stem wall at garage: reqd if wall supports a BWP	602.10.9	Ħ	
				Retaining walls: >24" unbalanced backfill w/o lateral support at	404.4, 108.2 (7)	Е	
ΙШ			220	top = design reqd.	10 11 1, 10012 (7)	Ш	
			221	Wall design for flood areas: sealed RDP design if reqd.	322.1.2	\Box	
H	Ħ	Ħ	222	Superior walls sealed RDP design reqd. ICC/ES report	112.3, 109.3	Ħ	
Ħ	Ħ	Ħ	223	ICF foundation walls	611	Ħ	
片	Ħ	H	224	Wall opening detail (CMU & concrete pour)	601.2, 611.8	Ħ	
H	Ħ	Ħ	225	Non continuous lintel bond beam	401.2	Ħ	
				Other			
\Box			226			\vdash	
H			227			Ħ	
				300 BASEMENT PLAN			
				Room			
			301	Room names, minimum size, ceiling height	304.1, 305.1	\vdash	
H	Ħ	۳	302	Bedrooms in basement –emergency escape & rescue openings	310	Ħ	
H	Ħ	۳	303	Size of all doors and windows on plan view	109.1, 310, 311	Ħ	
片	Ħ	H	304	Window wells	310.2	Ħ	
H	\exists	۳	305	Interior load bearing walls identified	602.4	H	
Ш]	Ш	505	monor roug couring wants identified	UU#4T		

CK	N/A	REJ	REF #			REC	
C	Z	~	R	ITEM	CODE REF	~	REMARKS
			306	Bathroom fixture clearance – height of ceiling	305.1, Figure 307.1		
			307	Code compliant stair: riser/tread, width, headroom, handrail	311.7		
		П	308	Garage in basement - separation to habitable space: 1/2" walls,	302.5.1, 302.6, 302.7		
ш	ш	Ш	308	5/8" type X ceilings, 1/2" underside of stairs, rated door			
				Braced walls			
			309	Wall line numbers, min. length panels required	602.10		
			310	BWP: method(s), nailing schedule, actual length	Table 602.10.5		
			311	CS method: 24" end walls, 24" return walls or 800# hold downs	602.10.7		
				400 BASEMENT and/or FIRST FLOOR FRAMING PLAN			
			401	Basement: Min 3.5" slab, 6 mil vapor barrier	506.1-506.2.3		
			402	Basement: Thickened slab details supporting load bearing walls	Figure 403.1(1)		
			403	Basement: Point loads	111.1, 501.2		
			404	Basement: Steel beams sized and located	111.1		
			405	Basement: Steel column sized and located	111.1		
			406	Dimensional lumber (size, grade, species, spacing, direction)	502.1		
			407	I-joist (manufacturer, series, depth, spacing, direction)	112.2		
			408	Open web floor trusses drawings / fireblocking	502.11.4, 502.13		
			409	Framing of openings	502.10		
			410	Double joists under bearing partitions	502.4		
			411	Steel beams and calc sheets	109.1, 109.3		
	П	\Box	412	Posts/columns (parallel strand lumber - gang posts / dimensional	109.1, 109.3		
	ш	ш	712	lumber - gang nailed posts)			
			413	Engineered LVL beam location and calc sheets	109.3, 301.1		
			414	Point loads	501.2		
			415	Draft stopping 1000sf open truss: GB or plywood on floor trusses	502.12		
				Other			
		_	416				
			417				
				500 FIRST FLOOR PLAN			
				Room			
			501	Names, minimum size, ceiling height	304.1, 305.1		
			502	Interior load bearing walls identified	602.4		
			503	Bedrooms – emergency escape rescue openings	310		
			504	Size of all doors and windows on plan view	109.1, 310, 311		
			505	Landing at exterior doors	311.3		
			506	Glazing (indicate tempered glass where required)	308.4		
			507	Bathroom fixture clearance	305.1, Figure 307.1		
			508	Hall width: 36" min.	311.6		
			509	Code compliant stair: riser/tread, width, headroom, handrail	311.7		
			510	Required psi garage slab and slope direction	Table 402.2, 309.1		
		Ц	511	Garage - separation to habitable space	302.5.1, 302.6, 302.7		
		_	512	Fireplace type: requirements	Table 1001.1		
			513	Deck, porch, ramp details: attachment to house, guards, etc	507		
		_	514	Deck ledger to band joist attachment	507.2, Figure 507.2.3		
			515	DCA-6 decks / 2-story decks (No Carriage Bolts)	507		
			516	Point loads	507		
				Braced walls			
			517	Wall line numbers, min. length panels required	602.10		

	I						
₩.	'A	REJ	REF #			REC	
CK	N/A	R	8	ITEM	CODE REF	₹	REMARKS
П		П	518	Bracing connections to roof frame	602.10.8.1		
	$\overline{\Box}$	Ħ	519	BWP: method(s), nailing schedule, actual length	Table 602.10.5	Ħ	
Ħ	Ħ	Ħ	520	CS method: 24" end walls, 24" return walls or 800# hold downs	602.10.7	Ħ	
]			602.10.9, 602.10.6 &		
	П	П	521	Portal framing details, stem walls	(6.2, 6.3, 6.4),	П	
	_	_			Figure 602.10.6.4		
					602.10.8, Figure		
			522	Blocking along BWPs	602.10.8.2(1)	Ш	
				Blocking of joists at support wall or beam (lateral restrain at joist	602.10.9		
			523	end)	00212013	Ш	
				Other			
П	П	П	524			П	
計	Ħ	Ħ	525			Ħ	
				600 SECOND FLOOR PLAN			
				Framing Plan			
П	П	П	601	Dimensional lumber floor (size, grade, species, spacing, direction)	502.1		
Ħ	Ħ	Ħ	602	I-joist layout (mfgr, series, depth, spacing, direction)	112.2	Ħ	
Ħ	Ħ	Ħ	603	Open web floor truss layout: sealed RDP incl. detail sheets	502.11.4, 502.13	Ħ	
H	Ħ	Ħ	604	Framing of openings	502.10	H	
H	H	H	605	Double joists under bearing partitions	502.4	H	
H	H	H	606	Steel beams and calc sheets	109.1, 109.3	H	
H	H	H	607	Posts / columns – restraint	109.1, 407.3	H	
H	H	뷰	608	Point loads	501.2	H	
H	H	屵	609	Engineered LVL beam location and calc sheets	109.3, 301.1	H	
	ш	Ш	009	Rooms	109.3, 301.1	ш	
\vdash			610	Room names, minimum size, ceiling height	304.1, 305.1		
H	H	Η	611	Interior load bearing walls identified	602.4	H	
H	H	片	612	Bedrooms - emergency escape rescue openings	310	H	
片	H	ዙ	613		*-*	H	
ዙ	H	뷰	614	Size of all doors and windows on plan view	109.1, 310, 311 308.4	H	
H	H	뷰		Glazing (indicate tempered glass where required)		H	
H	H	屵	615 616	Bathroom fixture clearance Hall width: 36" min.	305.1, Figure 307.1	H	
ш	ш	Ц	010		311.6	ш	
			617	Attic access: hatch, pull down stair or code compliant stair	807.1; 311.7 (Stairs)		
\vdash			+	must be located in hallway or accessible area. (22x30) Braced walls		\vdash	
			610		602.10	\vdash	
H	붜	ዙ	618 619	Wall line numbers, min. length panels required	602.10 Toble 602.10.5	H	
ዙ	뭐	ዙ	620	BWP: method(s), nailing schedule, actual length	Table 602.10.5	H	
\vdash	H	뷰	_	Bracing connections to roof framing	602.10.8.1	H	
ш	Ш	Ш	621	CS method: 24" end walls, 24" return walls or 800# hold downs	602.10.7	Ш	
	\Box		622	Douted framing details stam walls	602.10.9, 602.10.6 & (6.2,		
		ш	622	Portal framing details, stem walls	6.3, 6.4),		
\vdash			+		Figure 602.10.6.4		
			623	Blocking along BWPs	602.10.8, Figure		
				Blocking of joists at support at wall or beam	602.10.8.2(1)		
Ш		ш	024	0 0 11	602.10.9	Ш	
			625	Other			
H	붜	ዙ	625			H	
	\Box		626			\square	

			Œ			(3	
CK	N/A	Æ	REF #			REC	
				ITEM	CODE REF		REMARKS
				700 ATTIC FLOOR FRAMING PLAN Dimensional lumber ceiling joists (size, grade, species, spacing,	802.4		
			701	direction)	802.4		
		1_		Dimensional lumber floor joists (size, grade, species, spacing,	502.1		
Ш	Ш	L	702	direction)		Ш	
			703	I-joist layout (mfgr, series, depth, spacing, direction)	112.2		
			704	Framing of openings	502.10		
			705	Steel beams and calc sheets	109.1, 109.3		
			706	Posts / columns	109.1, 407.3		
			707	Engineered LVL beam location and calc sheets	109.3, 301.1		
				Other			
			708				
			709				
				800 HABITABLE / STORAGE ATTIC FLOOR PLAN			
				(whenever there is a fixed stairway)	ı		
\vdash	$\overline{}$	┢	1 001	Rooms	2041 2051 (142		
H	井	늗	801	Room names, minimum size, ceiling height, habitable attic	304.1, 305.1, Chapter 2		
H	H	╬	803	Bedroom(s) emergency escape and rescue openings Size of all doors and windows on plan view	310 109.1, 310, 311	井	
ш	Ш	╀	003	Other	109.1, 310, 311	ш	
\vdash	$\overline{\Box}$	┢	804	Other			
H	H	╬	805			╫	
			003	900 ROOF PLANS			
				700 ROOI I EMIND			
				Show each individual / rafters, hip/valley members, ridge & supports			
	П	Г	901	Show each individual / rafters, hip/valley members, ridge & supports Rafters (size, grade, species, spacing, direction)	802.1		
		_	901	Rafters (size, grade, species, spacing, direction)	802.1 802.3, 109.3		
		_	902	Rafters (size, grade, species, spacing, direction) Valley framing details - post required	802.1 802.3, 109.3 802.3		
		_	_	Rafters (size, grade, species, spacing, direction)	802.3, 109.3		
		_	902	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to	802.3, 109.3		
		_	902	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust)	802.3, 109.3		
		_	902 903 904 905	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns	802.3, 109.3 802.3 802.10 801.2		
		_	902 903 904 905 906	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal	802.3, 109.3 802.3 802.10 801.2 802.10.2		
		_	902 903 904 905 906 907	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1		
		_	902 903 904 905 906	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements	802.3, 109.3 802.3 802.10 801.2 802.10.2		
		_	902 903 904 905 906 907 908	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3		
		_	902 903 904 905 906 907 908	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3		
		_	902 903 904 905 906 907 908 909 910	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2		
			902 903 904 905 906 907 908 909 910 911	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required)	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2		
			902 903 904 905 906 907 908 909 910 911	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties)	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2 802.11.1		
			902 903 904 905 906 907 908 909 910 911	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties) Masonry veneers & chimney support by wood framing: design by	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2		
			902 903 904 905 906 907 908 909 910 911 912	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties) Masonry veneers & chimney support by wood framing: design by RDP if required	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2 802.11.1 109.3, 703.7.2		
			902 903 904 905 906 907 908 909 910 911 912 913	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties) Masonry veneers & chimney support by wood framing: design by RDP if required Hurricane tie schedule - size with nail count per mfg specs	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2 802.11.1 109.3, 703.7.2		
			902 903 904 905 906 907 908 909 910 911 912	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties) Masonry veneers & chimney support by wood framing: design by RDP if required Hurricane tie schedule - size with nail count per mfg specs Vent calcs. to net free flow for roof: 1sqft per150sqft or 300 sqft	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2 802.11.1 109.3, 703.7.2 802.11.1 806.2		
			902 903 904 905 906 907 908 909 910 911 912 913 914 915	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties) Masonry veneers & chimney support by wood framing: design by RDP if required Hurricane tie schedule - size with nail count per mfg specs Vent calcs. to net free flow for roof: 1sqft per150sqft or 300 sqft Details- unvented roof	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2 802.11.1 109.3, 703.7.2		
			902 903 904 905 906 907 908 910 911 912 913 914 915 916	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties) Masonry veneers & chimney support by wood framing: design by RDP if required Hurricane tie schedule - size with nail count per mfg specs Vent calcs. to net free flow for roof: 1sqft per150sqft or 300 sqft Details- unvented roof Exposure	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2 802.11.1 109.3, 703.7.2 802.11.1 806.2		
			902 903 904 905 906 907 908 909 910 911 912 913 914 915	Rafters (size, grade, species, spacing, direction) Valley framing details - post required Ridge beams / Post (required when there is not a ceiling joist to resist thrust) Truss Truss layout & engineers detail sheets Girder truss loads and appropriate posts / columns RDP seal Individual truss loads and uplift Gable end details and bracing requirements Details Rafter ties, collar ties Complex roof - specify all members Ceiling/roof diaphragm & blocking (if required) Uplift (hurricane ties) Masonry veneers & chimney support by wood framing: design by RDP if required Hurricane tie schedule - size with nail count per mfg specs Vent calcs. to net free flow for roof: 1sqft per150sqft or 300 sqft Details- unvented roof Exposure Uplift connectors / load path to foundation: when uplift ≥ 20psf	802.3, 109.3 802.3 802.10 801.2 802.10.2 802.10.1 802.11.1, 802.10.3 802.3.1 801.2 109.3, 602.10.8.2 802.11.1 109.3, 703.7.2 802.11.1 806.2 806.5		

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	_	F		ITEM	CODE REF	F	REMARKS
		<u>Ļ</u>		Other		_	
Щ	Ц	Щ	919			Щ	
Ш			920				
				1000 ELEVATIONS			
\perp	Ц	_	1001	Finished floor to finished floor heights (ceiling heights)	109.1	Щ	
\perp	Ц	=	1002	Front, side and rear elevations (incl. door and windows locations)	109.1	ш	
ш	Ш	Ш	1003	Grade changes of basements- number of stories	109.1	Ш	
		L	1.004	Other		Ь.	
ዙ	H]	1004			Н	
Ш			1005	4400 OF OPPONIC I I I I		Ш	
				1100 SECTIONS - show load path	100.1		
			1101	Full cross sections showing areas-at load path and critical	109.1		
\vdash		\vdash	1102	construction, (reference cross section -show location on plan) Partial - exterior wall construction: stud size and spacing anchorage	(02.2.1 Table (02.2(5)	┢	
H	H	片	1102	All material used	602.3.1, Table 602.3(5) 109.3	H	
H	H	_	1103	Roof pitch /roof covering	109.3, 905.1	H	
H	H	=	1104	Change in thickness CMU	606.2.3	H	
H	H	ዙ	1103	Crawl space grade > fin. grade or drainage system	408.6	H	
H	H	H	1100	Interior bearing wall details: stud size and spacing-anchorage	602.4, 602.2	H	
H	H	H	1107	Tall wall details: sealed design (elevation view)	Table 602.3 (5)	H	
H	H	片	1108	Connector chart (type and load path)	109.3, 301.1, 802.11.1	H	
H	H	ዙ	11109	Insulation @ basement walls: R10 (continuous) or R13 (w/studs)	Table 1102.1.1	H	
H	H		1111	@ crawl space under floor: R19	Table 1102.1.1	H	
H	H		1111	@condition crawl R10 - slab on grade R10, 2ft ICC-ES report	1102.1, 1102.2.9, 112.2	H	
H	H		1113	@ stud walls: R15 or R13 + R1 (continuous)	Table 1102.1.1	H	
ш	Ш	Н	1113	,	1102.2.1, 1102.2.4,	ш	
			1114	@ roof: R38 or R30 if covered top plate – (attic access)	Table 1102.1.1		
			1115	Roofing: type of roof covering - shingles, tile, metal, etc	902.1		
			1116	Termite barrier	318, 408.3.1		
			1117	Wood frame is limited to 2 stories maying a story height	101.2, 301.3,		
ΙШ	Ш	ľ	1117	Wood frame is limited to 3 stories maximum - story height	Table 602.3.1	ш	
			1118	Steel frame is limited to 3 stories maximum	603.1.1		
			1119	ICF walls is limited to 2 stories maximum – S. P.s	611.2, Sect. 613		
			1120	Column restraint & attachment to beam	407.3, 802.11.1		
			1121	Slab on grade: 6 mil vapor barrier under concrete slabs (not reqd at	506.2.3		
ш		Ш	1121	garage)		ш	
				Other			
			1122				
			1123				
				1200 MISCELLANEOUS DETAILS			
<u> </u>		L		Walls		<u> </u>	
			1201	Weather resistant barrier (complying with ASTM D 226)	703.2, Table 703.4	붜	
H	닏	_	1202	Brick anchorage	703.7.4	井	
ዙ	닏		1203	Brick ledge detail	301.1, 401.2, F 703.7	뿌	
			1204	Brick flashing	703.7.5, 703.8	出	
H		_	1205	Weepholes	703.7.6	井	
H	_	_	1206	Bay window detail	109.3, 301.1	쀼	
Ш	Ш		1207	Dormer framing detail	109.3		

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П	П	П	1208	Glass block installation details	610	$\dashv \sqcap$	REWERRING
片			1209	Bearing frame wall to block wall detail (cripple walls)	602.9	ᆂ	
			1210	Chimney framing details	109.3	ᆂ	
ш	ш	Ш	1210	Chilling details	103.3	ᆛᆜ	
				Openings			
П		П	1211	Header/opening details 5' or greater	109.3	\neg	
Ħ	Ħ		1212	Doors and window details for masonry openings	401.2, 606.10	一百	
_				Veneer supports	10112, 000110	╅	
				Veneer support: specify if by walls or by roof rafters; lintel size	703.7.2.1, 703.7.2.2	_	
	Ш	Ш	1213	and details (nailing, bolting, stops)	703.7.2.1, 703.7.2.2	$ \sqcup $	
П	П	П	1214	Design required	401.2	$\dashv \sqcap$	
-		_	121	Stairs	101.2	┰	
П			1215		311.7	\vdash	
븯	븯		·	Stairways - width, treads and risers, landings, winders, spiral		ᆜᆜ	
\perp	Щ]	1216	Handrails (4 or more risers)	311.7.8	<u> </u>	
Ш	Ш	Ш	1217	Guards	Section 312		
_		_		Other			
Ш	Ш		1218			<u> </u>	
Ш			1219				
				1300 GENERAL NOTES			
			1301	Window sill heights: 18" min when > 72" above grade or surface	312.2.1, 612.1		
쁘				below			
]	1302	Exterior wall locations: fire separation distance w.r.t property lines	302.1, Table 302.1(2)		
]	1303	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	103.2		
			1304	Square footage per floor, decks, porches, and garage	109.3		
			1305	Complete Table R301.2(1) + exposure category. (see jurisdictional	Table 301.2(1), 301.2		
				design criteria)			
				Design load criteria	301.2, Table 301.5		
			1307	Soil bearing capacity: ☐ tested, ☐ assumed, ☐ per code	401.4, 401.4.1		
			1308	Approved fireblocking material on plans: manufacturer's literature on site	602.8, 302.11		
\Box		\Box	1309	Garage doors wind rating: Jamb attachment mfgr's literature	301.2.1	\dashv \sqcap	
H	Ħ	_	1310		801.3	ᅲ	
H	Ħ	1	1311	Termite method: manufacturer's product name or literature	318, 408.3.1	ᅢ	
H	Ħ	=	1312	Flashing windows /doors: mfgr's requirements on site for inspect	703.8, 109.3	ᅢ	
片	Ħ	H	1313	Carbon Monoxide Alarms	315.1	ᅢ	
片	H	H		Fire Extinguishers	328.1	ᆂ	
片	붜	Η	1314	· ·	314.1	井	
ዙ	귀			Air Leakage	N1102.4	井	
		ш	1310	Other	1111114.4	┧╙	
			1317	Out		\dashv	
H	붜	1	1317			井	
		Ш	1318	1400 SPECIAL CONSTRUCTION DETAILS DETERMINED			
				BY SPECIFIC PLANS			
				Flood resistant construction			
\vdash			1401	Structural systems	322	\dashv	
۳	Ш	Ш	1401	Sound Transmission	344	┰┸	
\vdash			1402	Airport noise (see jurisdictional ordinance)	227.2	\dashv	
屵	Ш	Ш	1402		327.2	ᆛᆜ	
				Townhouses			

CK	N/A	REJ	REF #	ITEM	CODE REF	REC	REMARKS
			1403	Firewall detail and ratings	112.3 (ICC/ES)		
			1404	Structural independent	302.2.4		
			1405	Through wall penetrations	302.4		
			1406	Parapets	302.2.2, 302.2.3		
				Sunrooms			
			1407	Define sunroom	201		
			1408	Min. R values	1102.2.12		
			1409	Glazing - U factor .50 skylite .75 (if glazing less than 40%, treat as room)	1102.3.5, 1102.4.1, Chapter 2		
				Other			
			1410				
			1411				

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DEPARTMENT OF COMMUNITY DEVELOPMENT PLANNING - BUILDING INSPECTIONS – ZONING

Mechanical Permit Statement

I,, owner/or authorized agent for					
(Bu	usiness Name)				
a duly licensed Heating, Venting and Air Condition contractor in the Commonwealth of Virginia d hereby declare that I (we) have designed the heating and cooling system for the purpose of sizing th systems, appliances and equipment for the structure located at					
	(Address)				
Commercial:	Residential:				
ASHRAE/ACCA Standard 183 as provi the Virginia Mechanical Code for comm based on building loads calculated in a	and calculations in accordance with the procedures described in ded for in the Virginia Uniform Statewide Building Code and aercial applications or in accordance with the ACCA Manual Secondance with ACCA Manual J as provided by the Virginia the Virginia Residential Code for residential application, or ding Official.				
previous for making application for this	ed load calculations for the above location, have been made a permit and that all said calculations shall be provided to the de inspection cannot be approved until the field inspector has tions.				
Witnessed by:	Doto				