

Project Information

Project name: NEW RESIDENCE
 Project address: 9031 OLD DOMINION DRIVE
McLEAN, VA 22102
 Floor(s): 3 Suite(s) _____ (if applicable)
 Scope of work: (check all that apply)
 New construction Interior alterations
 Exterior alterations Change of occupancy
 Description of work: SINGLE FAMILY HOUSE WITH BASEMENT, GARAGE
 Applicable codes, year: 2012
 Virginia Construction Code (for new commercial, multi-family and R-3 residential construction)
 Virginia Rehabilitation Code (for alterations to existing commercial, multi-family and R-3 residential construction)
 Virginia Residential Code (for new and alterations to R-5 residential construction)
 Building related development conditions, proffers, special conditions, special permits, variances? Yes No — If yes, complete below.

Condition	Certification attached?	Page reference
1) _____	<input type="checkbox"/>	_____
2) _____	<input type="checkbox"/>	_____
3) _____	<input type="checkbox"/>	_____
4) _____	<input type="checkbox"/>	_____

Residential

Residential drawings are not reviewed for mechanical, electrical and plumbing systems. Compliance is evaluated during inspections.
 Occupancy/Group: R-3 R-5
 Building height: 34.6 (feet)
 Wood pre-engineered floor and/or roof trusses? Yes No
 Masterfile: Yes No Model name: _____
 Utility company easements on site? Yes No
 Problem soils? Yes No — if yes, submit soils report
 Affordable dwelling units required? Yes No
 Sound transmission class required? Yes No

Commercial

Code information:
 Occupancy/Group(s): _____
 Type(s) of construction: _____
 Number of stories: _____ High rise: Yes No
 Unlimited area building? Yes No
 For multi-family; number of Type A dwelling units: _____
 Critical structure? Yes No — If yes, attach the Statement of Special Inspections
 Date of pre-submission meeting, if applicable: _____

For tenant layouts:
 Purpose of space: _____
 Gross area per floor: _____ (square feet)
 Area of tenant space: _____ (square feet)
 Base building design, code/year: _____

Fire protection:
 Sprinklers: Full Partial None
 Fire alarm system: Yes No
 Approved central station: Yes No
 Standpipes: Yes No
 Hazardous materials: Combustible liquid Flammable liquid
 Other: _____

High pile storage to be installed in this space? Yes No

Fire resistance ratings: (provide design numbers, prescription item number or calculated code section)
 Floor/ceiling: _____
 Roof/ceiling: _____
 Columns: _____
 Beams: _____
 Corridor separation: _____
 Tenant separation walls: _____

Accessibility per ICC/ANSI A117.1: (choose one)
 Fully compliant (accessible route from parking to primary function area, including restrooms and drinking fountain)
 Technically infeasible (fixture count cannot be reduced; family/accessible restroom is provided)
 Upgrades required (up to 20 percent of cost of alterations)
 Cost of alterations: \$ _____
 Cost of upgrades: \$ _____
 Upgrades provided: _____

Electrical energy compliance: (choose design alternative)
 ANSI/ASHRAE/IESNA Standard 90.1
 Virginia Energy Conservation Code

Notes

► This form shall be submitted on 11x17 paper or incorporated in the building drawings.
 ► Once approved, building drawings are subject to corrections noted therein. Permit issuance does not waive any code requirements not identified during plan review and does not prevent county inspectors from requiring corrections in the field.
 ► No inspections will be made unless an approved set of drawings are on the job site and available to the inspector.
 ► No changes shall be made to the approved drawings without prior county approval.
 ► Call Miss Utility at 811, TTY 711 before you dig.

Designer/Architect/Engineer

The following are responsible for the design and have verified the information herein is complete and accurate.

Name	A/E	Virginia Lic. No.
Building designer: <u>RAYMOND A NOVITSKE</u>	<input checked="" type="checkbox"/>	<u>0401007601</u>
Occupation: _____	(if not an A/E)	
Telephone: <u>703-535-7899</u>		
Electrical designer: _____	<input type="checkbox"/>	
(if applicable) Telephone: _____		
Structural designer: <u>NADER ELHAJ</u>	<input checked="" type="checkbox"/>	<u>030472</u>
(if applicable) Telephone: <u>703-615-2451</u>		

revised: December 20, 2016
 Land Development Services
 Building Division – 703-631-5101, TTY 711
BUILDING PLAN REVIEW COVER SHEET

- GENERAL NOTES**
- DO NOT SCALE DRAWINGS. USE DIMENSIONS GIVEN.
 - MASONRY DIMENSIONS ARE GIVEN NOMINAL TO FACE OF MASONRY. DIMENSIONS FOR WOOD STUDS ARE ACTUAL GIVEN TO FACE OF STUD.
 - ALL DOORS AND WINDOWS SUBJECT TO HUMAN IMPACT ARE TO CONTAIN SAFETY GLAZING WITH LOCATIONS NOTED ON ELEVATION DRAWINGS.
 - ALL CONCRETE EXPOSED TO EXTERIOR IS TO CONTAIN AIR ENTRAINING AGENTS.
 - ALL WOOD IN DIRECT CONTACT WITH GRADE OF MASONRY MATERIALS IS TO BE TREATED FOR ROT RESISTANCE.
 - PROVIDE FLASHING AT DOORS AND WINDOW HEADS AT EXTERIOR WALLS, ROOF ABUTMENTS WITH EXTERIOR WALLS, AND ROOF PENETRATIONS.
 - PROVIDE SOUND INSULATION BATTS IN ALL BATHROOM AND TOILET ROOM INTERIOR PARTITIONS.
 - CLOSETS ARE TO RECEIVE THE SAME FLOOR AND WALL FINISH AS THE ROOMS THEY OPEN ONTO EXCEPT AS NOTED OTHERWISE.
 - PROVIDE SMOKE-CARBON MONOXIDE DETECTORS WIRED DIRECTLY TO THE ELECTRICAL SYSTEM.
 - PROVIDE INSULATION IN ALL EMPTY SHIM SPACES IN EXTERIOR WALLS.
 - PROVIDE 1/2" TYPE X FIRE RESISTIVE GYPSUM BOARD AT INTERIOR FINISH AT WALLS IN GARAGE. PROVIDE 5/8" TYPE X FIRE RESISTIVE GYPSUM BOARD AT INTERIOR FINISH AT CEILING IN GARAGE.

BUILDING DATA

BUILDING CONSTRUCTION = TYPE VB
 USE CLASSIFICATION = R5

INSULATION:
 WALL INSULATION = FIBERGLASS BATT WITH VAPOR BARRIER
 R19 MINIMUM FOR 2x6 STUD SPACE
 R14 MINIMUM FOR 2x4 STUD FURRING BELOW GRADE
 ROOF INSULATION = FACED FIBERGLASS BATTS, R38 MINIMUM
 WINDOWS & DOORS = 0.35 MAXIMUM U FACTOR
 FLOOR INSULATION AT FRAMING = FIBERGLASS BATTS WITH VAPOR BARRIER, R30 MINIMUM
 FLOOR INSULATION AT SLABS BELOW GRADE = EXTRUDED POLYSTYRENE, R10 MINIMUM

DESIGNED FOR 2012 VIRGINIA UNIFORM STATEWIDE BUILDING CODE REFERENCING 2012 INTERNATIONAL RESIDENTIAL CODE

- DRAWING LIST**
- G1 GENERAL NOTES, SCHEDULES, ABBREVIATIONS, & SYMBOLS
 - A1 BASEMENT FLOOR PLAN
 - A2 FIRST FLOOR PLAN
 - A3 SECOND FLOOR PLAN
 - A4 ROOF PLAN & DETAILS
 - A5 EXTERIOR ELEVATIONS
 - A6 EXTERIOR ELEVATIONS
 - A7 BUILDING SECTIONS
 - A8 WALL SECTIONS
 - A9 BASEMENT ELECTRICAL PLAN
 - A10 FIRST FLOOR ELECTRICAL PLAN
 - A11 SECOND FLOOR ELECTRICAL PLAN
 - S1 STRUCTURAL NOTES & FOUNDATION DETAILS
 - S2 FOUNDATION PLAN & DETAILS
 - S3 FIRST FLOOR FRAMING PLAN & DETAILS
 - S4 SECOND FLOOR FRAMING PLAN & DETAILS
 - S5 ROOF FRAMING PLAN & DETAILS
 - S6 BRACING PLANS & DETAILS

ARCHITECTURAL SYMBOLS

ABBREVIATIONS

AC	AIR CONDITIONING	OC	ON CENTER
BIT	BITUMINOUS	OPP	OPPOSITE
BD	BOARD	PL	PLATE
		PLY	PLYWOOD
CAB	CABINET	POLY	POLYETHYLENE
CL	CENTER LINE	PSL	PARALLEL STRAND LUMBER
CLG	CEILING		
CONC	CONCRETE	R	RISER, RADIUS
CONT	CONTINUOUS	REFRIG	REFRIGERATOR
		REINF	REINFORCED
		RO	ROUGH OPENING
D	DRYER		
DET	DETAIL	SIM	SIMILAR
DISP	DISPOSAL	SQ	SQUARE
DIA	DIAMETER		
DN	DOWN	T	TREAD
		T+G	TONGUE AND GROOVE
EA	EACH	TYP	TYPICAL
EL	ELEVATION		
EQ	EQUAL	UNO	UNLESS NOTED OTHERWISE
EXT	EXTERIOR		
		FDN	FOUNDATION
		FL	FLOOR
		CFI	GROUND FAULT INTERRUPT
		GYP	GYPSUM
		HORZ	HORIZONTAL
		HT	HEIGHT
		INSUL	INSULATION
		LVL	LAMINATED VENEER LUMBER
		MAX	MAXIMUM
		MIN	MINIMUM
		MO	MASONRY OPENING
		W	WASHER
		WD	WOOD
		WWF	WELDED WIRE FABRIC

DOOR SCHEDULE

MODEL NUMBERS REFER TO CLAD WOOD DOORS, ARCHITECT SERIES BY PELLA

WINDOW SCHEDULE

MODEL NUMBERS REFER TO CLAD WOOD WINDOWS, ARCHITECT SERIES BY PELLA

Residence

9031 Old Dominion Drive
 McLean, Virginia 22102

NOVITSKE ARCHITECTS

201 North Fairfax Street • Suite 33
 Alexandria VA 22314
 703 535 7899 • 703 535 8840 fax

graphic scales

project: 24712
 phase: Permit
 date: 8 November 2018
 revisions: 13 November 2018
 3 December 2018

General Notes, Schedules, Abbreviations, & Symbols

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