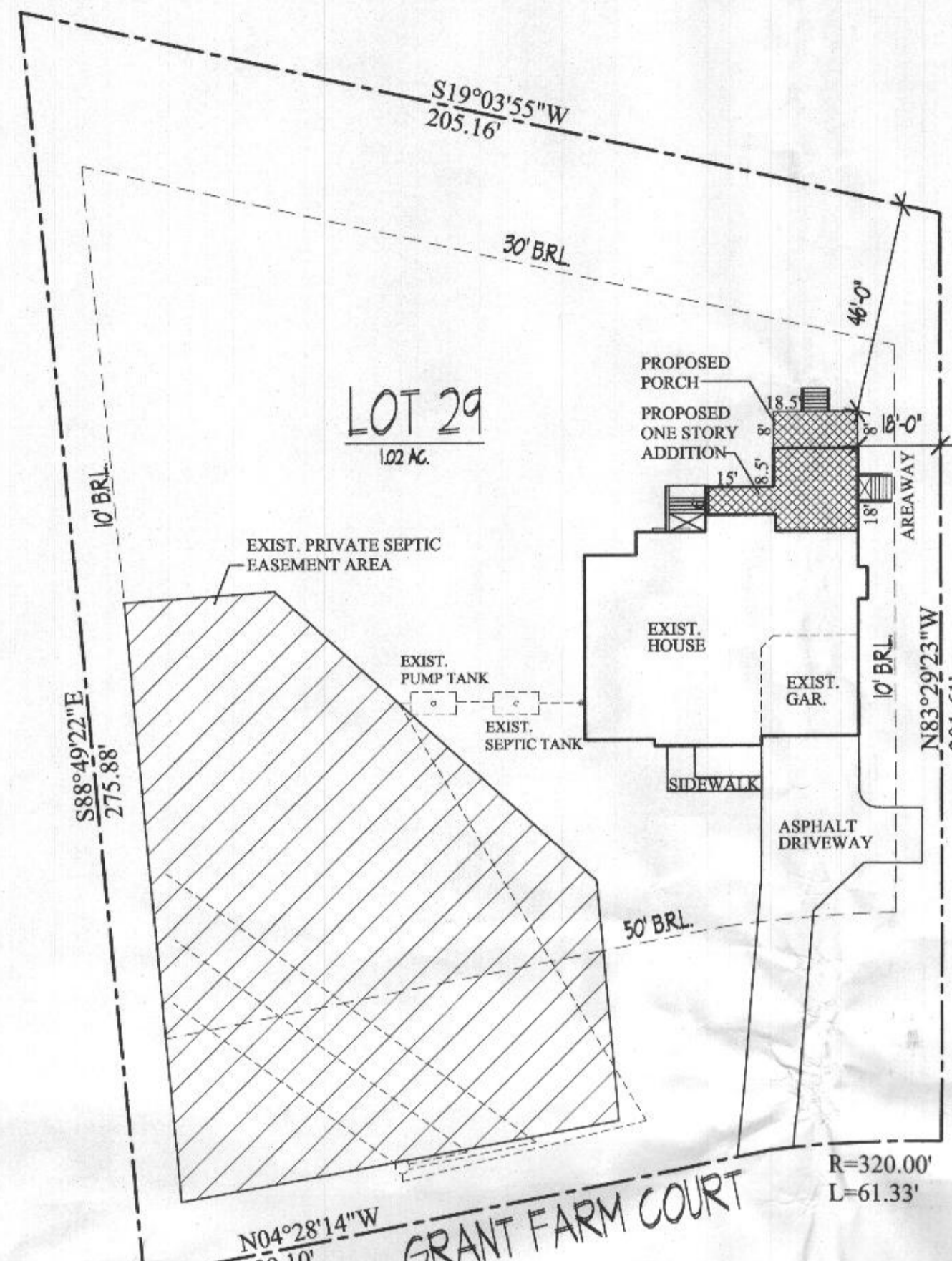


SHELAT ADDITION



2144 GRANT FARM COURT
MARRIOTTSVILLE, MD 21104
MAP 16 GRID 2 PARCEL 3
HOWARD COUNTY
ELECTION DISTRICT 03
SCALE: 1"=30' DATE: NOVEMBER 03, 2020

RESIDENTIAL BUILDING PERMIT INFORMATION

BUILDING SITE ADDRESS			
Street Address: 2144 Grant Farm Court		Unit:	
City: Marriottsville		State: MD	Zip Code: 21104
Subdivision/Village/Complex Name:		SDP/WP/BA #:	
Lot: 29	Tax Map: 0016	Parcel: 0003	Grading Permit #:
DESCRIPTION OF WORK			
Existing Use: Residential		Proposed Use: Residential	
Trade Work to Be Completed (Separate Permits Required):		Estimated Cost: \$ 150,000	
<input checked="" type="checkbox"/> Mechanical (HVACR) <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Plumbing <input type="checkbox"/> None			
1) New 18'-6" wide x 9'-0" deep covered porch addition			
2) New 18'-6" wide x 18'-0" deep family room addition with basement			
1) New 14'-10" wide x 6'-0" breakfast addition			
BUILDING CHARACTERISTICS			
Primary Structure: <input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse <input type="checkbox"/> SF Duplex <input type="checkbox"/> Mobile Home <input type="checkbox"/> Multi-Family Dwelling (MF*) <input type="checkbox"/> Condo: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Utilities: <input checked="" type="checkbox"/> Electric <input checked="" type="checkbox"/> Gas		Water Supply: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Well)	
Sewage Disposal: <input type="checkbox"/> Public <input checked="" type="checkbox"/> Private (Septic)		Heating System: <input type="checkbox"/> Electric <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Propane <input type="checkbox"/> Other:	
Roadside Tree Project: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes: #		Sprinkler System: <input type="checkbox"/> NFPA 13 <input type="checkbox"/> NFPA 13R <input type="checkbox"/> NFF 13D <input checked="" type="checkbox"/> None	
Fire Alarm System: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Voice Evac		ADDITIONAL RESIDENTIAL INFORMATION (PLEASE SELECT/COMPLETE ALL THAT APPLY)	
Model Name & Options: Pippen Addition			
# of Bedrooms (SF):	# of efficiency unit(MF*):	# of 1 BR (MF*):	# of 2 BR (MF*):
# of 3 BR (MF*):	# Rooms: 1	# Full Bns:	# Half Baths:
# Fireplaces: 1	Garage/Carport Info: <input type="checkbox"/> Attached Garage <input type="checkbox"/> Detached Garage <input type="checkbox"/> Integral Garage <input type="checkbox"/> Carport <input type="checkbox"/> None		
Basement/Foundation Info: <input type="checkbox"/> Slab on Grade <input type="checkbox"/> 1st & 2nd Floor <input checked="" type="checkbox"/> Unfinished Basement <input type="checkbox"/> Finished Basement: <input checked="" type="checkbox"/> Full or <input type="checkbox"/> Partial			
1st Fl Width: 18'-6"	1st Fl Depth: 26'	2nd Fl Width:	2nd Fl Depth:
Bsmt Width: 18'-6"	Bsmt Depth: 18'	Energy Method: <input checked="" type="checkbox"/> Prescriptive <input type="checkbox"/> Performance (IA Alternative <input type="checkbox"/> ERI) Gross Area: 717 sq ft Occupiable Area: 717 sq ft	

TABLE R301.5 LIVE LOAD MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (IN POUNDS PER SQUARE FOOT) SHALL CONFORM TO THE FOLLOWING:

USE	LIVE LOAD	DEAD LOAD	TOTAL
ROOF TRUSSES	40	10 (up to bottom)	50
RAFTERS	40	10	50
ATTICS WITHOUT STORAGE ^b	10	5	15
ATTICS WITH LIMITED STORAGE ^b	20	10	30
HABITABLE ATTICS AND ATTICS SERVED WITH FIXED STAIRS	30	10	40
BALCONIES (EXTERIOR) AND DECKS ^d	40	10	50
FIRE ESCAPES	40	10	50
GUARDRAILS AND HANDRAILS ^d	200 ^h		
GUARDRAIL IN-FILL COMPONENTS ^f	50 ^h		
PASSENGER VEHICLE GARAGES ^a	50	50	100
ROOMS OTHER THAN SLEEPING ROOMS	40 ^e	10	50
SLEEPING ROOMS	30	10	40
STAIRS	40 ^e	20	60

ASSUMED SOIL BEARING CAPACITY: 2000 PSF

- Elevated garage floors shall be capable of supporting a 2,000-pound load applied over a 20-square-foot area.
- Unhabitable attics without storage are those where the maximum clear height between joists and rafters is less than 42 inches, or where there are not two or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches high by 24 inches in width, or greater, within the plane of the trusses. This live load need not be assumed to act concurrently with any other live load requirements.
- Individual stair treads shall be designed for the uniformly distributed live load or a 300-pound concentrated load acting over an area of 4 square inches, whichever produces the greater stresses.
- A single concentrated load applied in any direction at any point along the top.
- See Section R502.2.2 for decks attached to exterior walls.
- Guard in-fill components (all those except the handrail, balusters and panel fillers) shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot. This load need not be assumed to act concurrently with any other live load requirement.
- Unhabitable attics with limited storage are those where the maximum clear height between joists and rafters is 42 inches or greater, or where there are two or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches in height by 24 inches in width, or greater, within the plane of the trusses. The live load need only be applied to those portions of the joists or truss bottom chords where all of the following conditions are met:
 - The attic area is accessible from an opening not less than 20 inches in width by 30 inches in length that is located where the clear height in the attic is a minimum of 30 inches.
 - The slopes of the joists or truss bottom chords are no greater than 2 inches vertical to 12 units horizontal.
- Required insulation depth is less than the joist or truss bottom chord member depth. The remaining portions of the joists or truss bottom chords shall be designed for a uniformly distributed concurrent live load of not less than 10 lb/ft².
- Glazing used in handrail assemblies and guards shall be designed with a safety factor of 4. The safety factor shall be applied to each of the concentrated loads applied to the top of the rail, and to the load on the in-fill components. These loads shall be determined independent of one another, and loads are assumed not to occur with any other live load.

ADOPTED CODES

Effective July 14, 2019
Effective December 5, 2011

- 2018 International Building Code
- 2018 International Residential Code
- 2018 International Energy Conservation Code
- 2018 International Mechanical Code
- 2018 International Plumbing Code
- 2018 NFPA 101 Life Safety Code
- 2018 International Property Maintenance Code (Rental Housing)

ENERGY COMPLIANCE: PRESCRIPTIVE APPROACH SEE SHEET A-8A

SQ. FOOTAGE

BASEMENT	0
FIRST FLOOR	385
SECOND FLOOR	0
TOTAL	385
PORCH	148

TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WATER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARD	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic effects	Special wind region	Wind-borne debris zone		Weathering	Frost line depth	Termites					
25	115	NO	NO	NO	A	Severe	30"	Moderate Heavy	20°	Yes	see flood maps	1500	55°

DRAWING INDEX

TITLE	SHEET	TITLE	SHEET
COVER SHEET	CS		
CONSTRUCTION NOTES	CN		
EXISTING PLANS	EX-1		
EXISTING ELEVATIONS	EX-2		
ELEVATIONS	A-1		
FOUNDATION PLAN	A-2		
FIRST AND SECOND FLOOR PLAN	A-3		
SECTIONS A-C AND DETAILS	A-5		
APA NARROW WALL DETAILS	A-8A		
WALL BRACING PLANS AND CHARTS	A-8B		
WALL BRACING FLOOR PLANS	A-8C		

PERMIT SET
DECEMBER 05, 2020



JB HOME DESIGN, LLC

9416 CONCORD COURT
BALTIMORE, MARYLAND 21234
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EMAIL: JON@JBHOMEDSIGN.COM

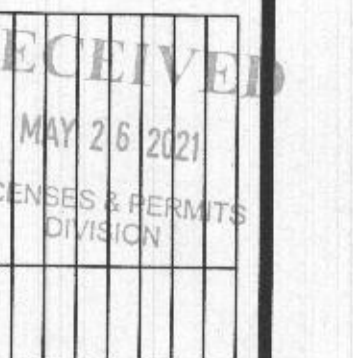
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Long Corner Home Services, LLC
5315 Saint Paul Road
Manchester, MD 21102
410-977-2280 MHIC #131763

COVER SHEET
DATE: 11/14/2019
SCALE: 1/4" = 1'-0"

PROJECT TITLE:
SHELAT ADDITION



SHEET NO:
CS

