Hill Acade Coefficier 1002 Start offer How and and Type Travity Doubley Clouge (Pached) Parking Structured 1002 Start offer How Start 1004 Start offer How Start	Building R-3 Net: Parking I Building	Gross Area	1,017 SF 3,008 SF 698 SF : 4,012 SF	1006.1 1007.3 1008.1. 1008.1. 1008.1. 1009.1
Sprinkler NPA 108 COUNT 100 Cold Converse List List List List List List List List	Use:		New Residential Two-Family Dwelling / Storage (Enclosed Parking Structure)	1009.2
Column of the second secon	Sprinkler	:	NFPA 13R	1009.4
Construction: NPA (AB) 0005 spin-lock 0005 spin-lo		e Overview		
Decemption: 15 Decempt D000 bits 0000 bits Provide control of a calibration 1012 bits 1012 bi	Construc		Type VA	1000 F
Bit - Detailed Code Brave Use and County Classification: 101 Use and County Classification: 101	•			1009.6 1012.6
 applied Sublack of controls or capital. State there for earling and the state of gamma data of of	310.1	Use and O Residentia	Decupancy Classification: I Group R-3 (Buildings that do not contain more than two <i>dwelling units</i>)	
 and 1.4 impacts the equated prevention (25 per val). Bit (ph X entry is a state of the entry				
92 Pro-Particle Sequence (199) 1222 92 Pro-Accessing Owening Units (Unit (199) 1222 92 Pro-Accessing Owening Units (Units (199) 1222 93 Pro-Accessing Owening Units (199) 1222 94 Pro-Accessing Owening Units (199) 1222 93 Pro-Accessing Owening Units (199) 1222 94 Pro-Accessing Owening Units (199) 1222 94 Pro-Accessing Owening Units (199) 1222 94 Pro-Accessing Owening Units (199) 1222 95 Pro-Decossing From TDP	406.1.4	Prescriptiv	e fire spread prevention (1/2 gwb wall, 5/8 typ X ceiling, NFPA is stricter)	
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 261.2 Where tabiling is equipped throughout with an expressed submatic gaining system, the 1823.3 measure to the product with an expressed submatic spatial system, the 1823.4 measure to gradient and the experiment of tability is the submatic structure structure of tability is the submatic structure of tability is the submatic				
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 90) Type VB. No rating required by construction type 1002. Separation clathance X × 30 minor electron will rating required 1022 3 minor electron will rating 1020 minor electron will rating required 1020 minor electron will rating required 1020 minor electron will rating required 1020 minor electron will rating 1020 minor electron rating 1020 minor electron rating 1020 minor electron rating 1020 minor electron will rating 1020 minor electron rating				
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 Projections may be of any material When deterior wilds are expired to be related: X-10 Band of corporations (and the provided of the provi	602	Separation	5'≤X<10' 1 hour exterior wall rating required	1029.3
 When externer walks are inquired to be rated: X-10 The add for accounts from both acids Separation distance			10'≤X<30' No rating required	1100
 2408.4 2408.				1207
2406.4 2	705.8		•	
 1777-51. Fire Barrier supporting construction shall have same rating in 2022. A shall enclosure is not required to genings totally within an individual residential <i>dwelling unit</i> and connecting four stories or less. 1789.1 Fire particular to assesse than 14 hour in buildings of Type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of Type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of Type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of Type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of Type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of type VP construction shall have a fire-residence rating of not less than 14 hour in buildings of type VP construction shall have a fire-residence with this section. 1712 A lifeted voltical and hour contal assemblies shall be complete assemblies in that any joints shall be treated as in accordance with this section. 1713 A lifeted voltical information assemblies shall be complete assemblies in that any openings shall be treated as in accordance with this section. 1716 A lifeted voltical and protocol contrational section. 1716 A lifeted voltical information assemblies shall be complete assemblies in that any openings shall be treated as in accordance with this section. 1716 A lifeted voltical distrits of a superise genergy of			- Adverter Sprinkled - No Chrift for R-3	2406.4
 709.4 Fire partition combinity: from 10P of files to bottom of cooling above or to bottom of cooling assembly (with life blocking or digitscoping). 712.5 Uvelling unit and alseping unit separation in buildings of type VB construction shall have a fire resistance rating of not least than ½ hour in buildings coupling with an automatic sprinkler. 712.4 Supporting construction of horz assembly between units not required to be rated in VB 713 All Rated vertical and horizontal assemblies shall be complete assemblies in that any penetrations shall be treated as in accordance with this section. 714 All Rated vertical and horizontal assemblies shall be complete assemblies in that any openings shall be treated as in accordance with this section. 715 All Rated vertical and horizontal assemblies shall be complete assemblies in that any openings shall be treated as in accordance with this section. 716 All Rated vertical and horizontal assemblies shall be complete assemblies in that any ducts and air transfers shall be treated as in accordance with this section. 716 All Rated vertical and horizontal assemblies shall be complete assemblies in that any ducts and air transfers openings penetrating a rated ceiling membrane must be installed with a listed colling radiation dampor 717 Fire blocking and draft-stopping shall be installed in concealed spaces in accordance with this section. 803.9 R-3: Exit enclosures, corridors, rooms and enclosed spaces required to have Class C finishes. 901.6.1 Automatic sprinkler system shall be monitored by a supervising station (NFPA 72) 903.10 Group S-2 enclosed parking garages. An automatic sprinkler system is not required for enclosed parking garages class to construction) 903.2.10 Group S-2 enclosed parking garages. An automatic sprinkler system is not required for enclosed parking garages located beneath Group R-3 903.1.10 Group S-2 enclosed parking garages. An autom	709.1	Fire partitic Dwelling un fire-resist	ons required to separate dwelling units nits and sleeping unit separation in buildings of Type VB construction shall have a	
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1005.2 Door swing shall not reduce the required egress width more than half	1003.5	Exception accessib	1: A single step (under 7") allowed at exterior doors in R-3 that are not required to be le doors.	
		Door swing	g shall not reduce the required egress width more than half	

	gress must be illuminated at all times	IECC		
	precludes need for wider stair or area of refuge			
3.1.1 Min Egre	ss Door size: 32" clear (36" door)		Climate Zone 6A	
3.1.5 Same flo	or elevation on either side of doors	402.1.1 E	Element:	Require
3.1.6 Landing i	n direction of travel not less than 36"		Fenestration U-Factor	0.35 ma
	width 36" (for occ. less than 50)		Ceiling R-Value	49 min
	clearance 80" (6'-8")		Wood Frame R-Value	20 min
	n: In R-3, where the <i>nosings</i> of treads at the side of a <i>flight</i> extend under the edge of a floor opening		Floor R-Value	30 min
-	which the stair passes, the floor opening shall be allowed to project horizontally into the required		Slab R-Value	10 min
	n a maximum of 4 3/4 inches.	402.4.2.1	Air Sealing will be tested on-	site using a b
	ax, and 11" run min			
	n: In R-3, the maximum riser height shall be 7 3/4 inches; the minimum tread depth shall be 10	<u>NFPA 101</u>		
	ne minimum winder tread depth at the walkline shall be 10 inches; and the minimum winder tread			
•	all be 6 inches. A <i>nosing not</i> less than 3/4 inch but not more than 1 1/4 inches shall be provided on	3.3.32.5	New Building	
	with solid risers where the tread depth is less than 11 inches.	3.3.178.13	8 Residential Occupancy	
•	vidth no more than stair width			
	struction can be of any material permitted by construction type		Residential Occupancy -Two	
•	tensions must be 12" at top of stairs and 11" at bottom.		Storage - Enclosed Parking	
3.2 Min Guar	o	6.2.2.3	Ordinary Hazard Conte	
	occupancies in Group R-3, guards on the open sides of stairs shall have a height not less than 34	6.1.14.4.3	1 hour separation requi	red in sprinkle
	easured vertically from a line connecting the leading edges of the treads.		A 114 1 114 114 114 114	
	occupancies in Group R-3, where the top of the guard also serves as a handrail on the open sides		Multiple dwelling units permi	
	the top of the guard shall not be less than 34 inches and not more than 38 inches measured	24.1.6	No minimum construction re	quirements
	from a line connecting the leading edges of the treads.	24.2.2.1	A secondary means of esca	pe is not requ
	1 Table A7.6 - No applicable requirements	24.2.4.1 [Doors in path of travel: 28" n	nin.
	s permitting from dwelling units at occupant load for individual units is under 20 and building is	24.2.5.4	Clear width of stairs, landing	s, and porche
sprinkled			Width of Hallways: 36" min.	, I
	ss travel Distance: 250' (for sprinkled R-2) its. Only one <i>exit</i> shall be required from Group R-3 occupancy buildings.		Protection of vertical opening	as not require
•	serving and contained within a single residential dwelling unit or sleeping unit in Group R-3			
,	cies are not required to be enclosed.		Smoke alarms shall be provi	
•	assageway width: 36" for less than 50 occupants		each level of the dwelling un	
	sageway min rating: 1-hr (or rating of connected enclosure if greater)	24.3.4.2 [Dwelling units shall be prote	cted with app
•	ted of fire barriers and horizontal assemblies.	24.3.5.1	NFPA 13R sprinkler system i	s required
	rooms below the fourth story shall have emergency escape and rescue openings			
9.2 Min area:		42.1.6	No minimum construction re	quirements
Min heigh		42.2.4.1	Single means of egress allow	wed within co
Min width			Dead End Corridor: 100'	
	ht about floor: 44"		Common Path of Travel: 100	N
Chapter of	does not apply in the State of Maine	42.2.6	Maximum Travel Distance: 4	00'

Sound transmission between dwelling units

Walls: STC-50 (45 field tested) Ceilings: IIC-50 (45 field tested)

Safety Glazing: all swinging doors, fixed and sliding panels of sliding door assemblies, glazing in an individual fixed or operable panel adjacent to a door where the nearest exposed edge of the glazing is within a 24 inch arc of either vertical edge of the door in a closed position and where the bottom exposed edge of the glazing is less than 60 inches above the walking surface, glazing with exposed area of an individual pane greater than 9 square feet, and glazing w/ exposed bottom edge less than 18 inches above floor.

Required:	Provided:			
•				
0.35 max	0.17			
49 min	71			
20 min	32.6			
30 min	51			
10 min	14			
using a blower door test.				

.1.8.1.1 Residential Occupancy -Two-Family Dwelling Unit (Chapter 24) .1.13.1 Storage - Enclosed Parking Structure (Chapter 42)

1.14.4.3 1 hour separation required in sprinkled building

4.1.2.3 Multiple dwelling units permitted over nonresidential occupancy with automatic sprinkler system. 4.1.6 No minimum construction requirements

4.2.2.1 A secondary means of escape is not required with automatic sprinkler system

4.2.5.4 Clear width of stairs, landings, and porches: 36" min.

24.3.1 Protection of vertical openings not required

24.3.4.1 Smoke alarms shall be provided in all sleeping rooms, outside of each sleeping area, and on

24.3.4.2 Dwelling units shall be protected with approved smoke detection system

2.2.4.1 Single means of egress allowed within common path of travel limit.

