		1 Tel: (207) 874-8703,	Tax. (201) 014-011		Address	16 1 0 2001	+	026 P00	
		Noyes Earle W	& Sons	Owner Address: AUG TO AUG				800-341-7	1576
		Contractor Name:			ctor Address:	T DESCRIPTION	ที่ง	Phone	370
		NeoKraft Signs			fain St. Lew	,	שווו	20778296	54
	ıyer's Name	Phone:	<u>, </u>	Permit		ISTOIL		120770270	Zone:
n/a	-, •- 5 - 1 - 1 - 1 - 1	n/a		Signs - Permanent				B->	
				Permit Fee: Cost of Work:			CF	O District:	7
Past Use: Proposed Use: Commercial / Customer Service Same: Erect 22			0.9 SqFt of Signage.	1 (11111)	\$74.1		- 1		
Proposed	Project Description:			FIRE	DEPT:	Typhoved	SPECTI se Group	.475	1490 Type:
-	20.9 SqFt of Signage			Signati	ıre:	5//8		Wicon	IED
				PEDESTRIAN ACTIVITIES DISTRICT (1.10)				MENTS	
				Action	: Approv	ved	MITH		Denied
				Signature:			Da	Date:	
Permit Taken By: Date Applied For: 08/02/2001				Zoning Approval					
1. Th	is permit application	does not preclude the	Special Zone or Revi	ews	Zoni	oning Appeal		Historic Preservation	
Ap	This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.		☐ Shoreland	☐ Variance		Not in District or Landman			
	Building permits do not include plumbing, septic or electrical work.		☐ Wetland	Miscellaneous		☐ Does Not Require Review			
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building			☐ Flood Zone ☐ Subdivision		Conditional Use Interpretation			Requires Review Approved	
	rmit and stop all work						Approved w/Conditions		
			Site Plan		Approve	ed		Approved w/	Conditions
			Maj Minor Minor Minor	9	☐ Denied			Denied	\nearrow
			Date: OF 9 9	16L	Date:		Date	:	
		owner of record of the na		he prop		s authorized by	the ov		rd and that
urisdict shall has such per	tion. In addition, if a ve the authority to entrmit.	e owner to make this application of the comment of the control of	d in the application is in the permit at any reaso	ssued, nable h	I certify that	the code offici ce the provisio	al's aut	horized represented to the code(s) ap	resentative pplicable to
SIGNAT	URE OF APPLICANT		ADDRES	SS		DATE		PHC	ONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE						DATE		PHC	NE

1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.

 Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) "ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING."

- 3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
- 4. Foundations anchors shall be a minimum of ½" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts. Section 2305.17
- 5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
- 6. Precaution must be taken to protect concrete and masonry, Concrete Sections 1908.9-19.8.10/ Masonry Sections 2111.3-2111.4.
- 7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
- 8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of ½ inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1999)
- 9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical Code/1993). Chapter 12 & NFPA 211
- 10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
- 11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups 42". In occupancies in Use Group A, B.H-4, I-1, I-2, M, R, public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. Handrails shall be a minimum of 34" but not more than 38". Exception: Handrails that form part of a guard shall have a height not less than 36 inches (914 mm) and not more than 42 inches (1067 mm). Handrail grip size shall have a circular cross section with an outside diameter of at least 1 ¼" and not greater than 2". (Sections 1021 & 1022.0). Handrails shall be on both sides of stairway. (Section 1014.7) R-3 (ONE & TWO FAMILY DWELLINGS) GUARD HEIGHT IS 36" MINIMUM.
- 12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
- 13. Stair construction in <u>Use Group R-3 & R-4 is a minimum of 10" tread and 7 %" maximum rise.</u> All other Use Group minimum 11" tread. 7" maximum rise. (Section 1014.0)
- 14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
- 15. The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less then 36".
- 16. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508)mm, and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4)
- 17. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)
- 18. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's. (Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)
- 19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)

20. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code. Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations): In the immediate vicinity of bedrooms In all bedrooms In each story within a dwelling unit, including basements 21. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)* 22. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard. 23. The Sprinkler System shall be installed and maintained to NFPA #13 Standard. 24. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999) 25. Section 25 - 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year". 26. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services. 27. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics). 28. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done. 29. All requirements must be met before a final Certificate of Occupancy is issued. 30. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building 31. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16) 32. Please read and implement the attached Land Use Zoning report requirements. 33. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code. 34. Bridging shall comply with Section 2305.16. 35. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0) 36. All flashing shall comply with Section 1406.3.10. 37. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).

Simoel Hoffses, Building Inspector

Marge Schmuckal, Zoning Administrator Michael Nugana, Inspection Service Manager

PSH 10/1/00

**This permit is herewith issued, on the basis of plans submitted and conditions placed on these plans, any deviations shall require a separate approval.

...THIS PERMIT HAS BEEN 1250ED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, PEROFE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD. (You Shall Call for Inspections)

****ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.

*****CERTIFICATE OF OCCUPANCY FEE \$50.00

E.W. NOYES 01NK 7780

THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED

Sign Permit Pre-Application Attached Single Family Dwellings/Two-Family Dwelling Multi-Family or Commercial Structures and Additions Thereto

In the interest of processing your application in the quickest possible manner, please complete the Information below for a Building or Use Permit.

NOTE**If you or the property owner owes real estate or personal property taxes or user charges on ANY PROPERTY within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Addressof Construction (include Portion of Building): 127 OXFOND STACKT (SIGN VIEWED FRUIN FRANKIN S	T. Argenac			
Total Square Footage of Proposed Structure 220, 9 Square Footage of Lot 85,	287 S.F.			
Tax Assessor's Chart, Block & Lot Number Chart# 26 Block# P Lot# 1 F. W. NOYES & SUN) Telephone 810-3				
Owner's Address: 127 OKFOMD ST. Lessee/Buyer's Name (If Applicable) ROMAND, MK NA	Total Sq. Ft. of Sign Fee 220. 9 \$74.18			
Proposed Project Description: (Please be as specific as possible) TO INSTALL INDIVIDUAL NOW-ILLUMINATED WALL CETTEN				
Contractor's Name, Address & Telephone 686 MAIN ST. LEWISTON, ME 600 33	9-225f Rec'd By			
Current Use: WARPHOUSE Proposed Use: WARPHOUSE				
Signature of applicant: Jette! Muy (NEVERAFT) Date: 7	1-30-01			
Signage Prinit Fee: \$30.00 plus .20 per square foot of sign	nage			

receipt mailed 8/6/01

SIGNAGE PRE-APPLICATION

PLEASE ANSWER ALL QUESTIONS ADDRESS: 127 OXFORD SMEET ZONE: OWNER: E.W. Noyes & Sons APPLICANT: NEUKRAFT SIGN G. ASSESSOR NO. SINGLE TENANT LOT? YES_____ NO NO V YES MULTI TENANT LOT? NO V DIMENSIONS____ FREESTANDING SIGN? YES (ex. pole sign...) YES NO DIMENSIONS MORE THAN ONE SIGN? NO___ DIMENSIONS SEE DUF YES V **BLDG. WALL SIGN?** (attached to bldg) MORE THAN ONE SIGN? YES____ NO___ DIMENSIONS_ LIST ALL EXISTING SIGNAGE AND THEIR DIMENSIONS: SEE D ω F FRANKLIN STREET ANGENAL LOT FRONTAGE (FEET): 405 BLDG FRONTAGE (FEET): 294' ON FRANKLIN STREET AMENAL
AWNING YES___ NO___ IS AWNING BACKLIT? YES___ NO___ HEIGHT OF AWNING: IS THERE ANY COMMUNICATION, MESSAGE, TRADEMARK OR SYMBOL ON IT? *** TENANT BLDG. FRONTAGE (IN FEET) 294 ' *** REQUIRED INFORMATION AREA FOR COMPUTATION 0x1sty=208 A SITE SKETCH AND BUILDING SKETCH SHOWING EXACTLY WHERE EXISTING AND NEW SIGNAGE IS LOCATED MUST BE PROVIDED. SKETCHES AND/OR PICTURES OF PROPOSED ARE ALSO REQUIRED. DATE:__ SIGNATURE OF APPLICANT

ACORD. CERTIFICATE OF INSURANCE

Earle W. Noyes & Sons Inc.

DATE (MM/DD/YY) 07/24/01

	UCER				
		o Cor	porat	ion	(Gray)
			Road		
Ρ.	0.	Box	959		

P. O. Box 938

Portland, ME 04104

04039-0959 Gray, ME

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY

AHanover Insurance Company

BMaine Appoved Self-Insured Trust

cGeneral Reinsurance Corporation

COMPANY D

COVERAGES

INSURED

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMIT	
A	GENERAL LIABILITY	ZDP521431604	12/31/00	12/31/01	GENERAL AGGREGATE	\$2,000,000
1	X COMMERCIAL GENERAL LIABILITY				PRODUCTS-COMP/OP AGG	\$2,000,000
	CLAIMS MADE X OCCUR			1	PERSONAL & ADV INJURY	\$1,000,000
	OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE	\$1,000,000
İ	X Aggregate Per				FIRE DAMAGE (Any one fire)	\$100,000
	X Project/Locatio				MED EXP (Any one person)	\$5,000
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT	s
	ANY AUTO				COMBINED SHAGEE EIMIT	
	ALL OWNED AUTOS				BODILY INJURY (Per person)	·\$
	SCHEDULED AUTOS			1		
	HIRED AUTOS		ļ		BODILY INJURY (Per accident)	\$
	NON-OWNED AUTOS			:	PROPERTY DAMAGE	\$
					PROPERTY DANIAGE	
	GARAGE LIABILITY				AUTO ONLY-EA ACCIDENT	\$
ŀ	ANY AUTO		į		OTHER THAN AUTO ONLY:	
ĺ					EACH ACCIDENT	\$
		!			AGGREGATE	\$
\vdash	EXCESS LIABILITY				EACH OCCURRENCE	<u>s</u>
	UMBRELLA FORM	: 1 :			AGGREGATE	\$
	OTHER THAN UMBRELLA FORM		i			\$
В	WORKERS COMPENSATION AND	Slf-Ins Fund Yea	ar 02/01/01	02/01/02	X STATUTORY LIMITS	
Ιc	EMPLOYERS' LIABILITY	GDX014832			EACH ACCIDENT	\$1,000,000
ľ	THE PROPRIETOR/ INCL	Excess W.C.	İ		DISEASE-POLICY LIMIT	\$1,000,000
	PARTNERS/EXECUTIVE OFFICERS ARE: EXCL				DISEASE-EACH EMPLOYEE	\$1,000,000
	OTHER					
			•			
İ						

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

Re: Installation of Large Sign at Earle W. Noyes & Sons in Portland, ME Neokraft Signs, Inc. and City of Portland are hereby listed as Additional Insureds with respect to General Liability.

CERTIFICATE HOLDER

Neokraft Signs, Inc. Attn: Peter Murphy 686 Main Street Lewiston, ME 04240

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES

AUTHORIZED REPRESENTATIVE

M. Schelr

RJS @ ACORD CORPORATION 1993

3				F PERMIT ISSU				
City of Portland, Maine 389 Congress Street, 04101	-		Application	O1-0947	CBL: 026 P001001			
Location of Construction: Owner Nam				er Address:	Pone:			
127 Oxford St	Noyes Earle W	& Sons	Po I	Box 938 - 5 100 DT	1 AND 800-341-7576			
Business Name:	Contractor Name	:	Contr	Contractor Address: Phone				
n/a	NeoKraft Sign	s	686	Main St. Lewiston	2077829654			
Lessee/Buyer's Name	Phone:			it Type:	Zone:			
n/a	n/a	n/a		Signs - Permanent 8				
Past Use:	Proposed Use:		Pern	nit Fee: Cost of Work:	CEO District:			
Commercial / Customer Service	ce Same: Erect 22	Same: Erect 220.9 SqFt of Signage.		\$74. E DEPT: Approved In	18 1 1 NSPECTION: 3/1/410			
				Denied Use Group: Type:				
Proposed Project Description:				1 Wassing				
Erect 220.9 SqFt of Signage				ature: SY	ICALIFD			
·				Action: Approved Approved Moonthing D				
				ature:	Date:			
Permit Taken By:	Date Applied For:			0.5				
cih	08/02/2001	Ì		Zoning Approval				
		Spec	ial Zone or Reviews	Zoning Appeal	Historic Preservation			
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.		☐ Sho	reland	☐ Variance	Not in District or Landmark			
 Building permits do not include plumbing, septic or electrical work. 			☐ Wetland ☐ Miscellaneous		Does Not Require Review			
3. Building permits are void within six (6) months of t		Flood Zone		Conditional Use	Requires Review			
False information may in permit and stop all work	validate a building	☐ Subdivision		[Interpretation	Approved			
-		☐ Site	Plan	Approved	Approved w/Conditions			
		Мај	Minor Mur	Denied	☐ Denied			
Date: O			W 8/9/01	Date:	Date:			
	,	C	ERTIFICATION	PE W17th	RMIT ISSUED REQUIREMENTS			
I hereby certify that I am the or I have been authorized by the or jurisdiction. In addition, if a p shall have the authority to ente such permit.	owner to make this apple ermit for work describe	ication as d in the a	s his authorized ages application is issued	nt and I agree to conform to , I certify that the code offic	all applicable laws of this ial's authorized representative			
SIGNATURE OF APPLICANT			ADDRESS	DATE	PHONE			
DESDONSIBLE DEDSON IN CHAP	GE OF WORK TITLE			DATE	PHONE			

	BUILDING PERMIT REPORT
D	ATE: 6 AUG. 200 ADDRESS: 127 OX Ford S7. CBL: 026-P-091
	EASON FOR PERMIT: 5190a 9e 220.9 50.51
BI	UILDING OWNER: Noyes, Earle W. Sons
PI	ERMIT APPLICANT: /CONTRACTOR No Rwft Signs
US	SE GROUP:CONSTRUCTION TYPE:CONSTRUCTION COST:PERMIT FEES: 7/18
	e City's Adopted Building Code (The BOCA National Building Code/1999 with City Amendments) e City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)
	CONDITION(S) OF APPROVAL
Th	his permit is being issued with the understanding that the following conditions shall be met: $\frac{*/}{/}$
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11.	This permit does not excuse the applicant from meeting applicable State and Federal rules and laws. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) "ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING." Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2 Foundations anchors shall be a minimum of ½" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts. Section 2305.17 Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code. Precaution must be taken to protect concrete and masonry. Concrete Sections 1908.9-19.8.10 Masonry Sections 2111.3-2111.4. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling
13. 14. 15.	material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. Handrails shall be a minimum of 34" but not more than 38". Exception: Handrails that form part of a guard shall have a height not less than 36 inches (914 mm) and not more than 42 inches (1067 mm). Handrail grip size shall have a circular cross section with an outside diameter of at least 1 ½" and not greater than 2". (Sections 1021 & 1022.0). Handrails shall be on both sides of stairway. (Section 1014.7) R-3 (ONE & TWO FAMILY DWELLINGS) GUARD HEIGHT IS 36" MINIMUM. Headroom in habitable space is a minimum of 7'6". (Section 1204.0) Stair construction in <u>Use Group R-3 & R-4 is a minimum of 10" tread and 7 ½" maximum rise.</u> All other Use Group minimum 11" tread, T' maximum rise. (Section 1014.0) The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4 The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less then 36". Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All
17.	egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508)mm, and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4) Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly

from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)

(Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)

extinguishment. (Table 302.1.1)

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19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic