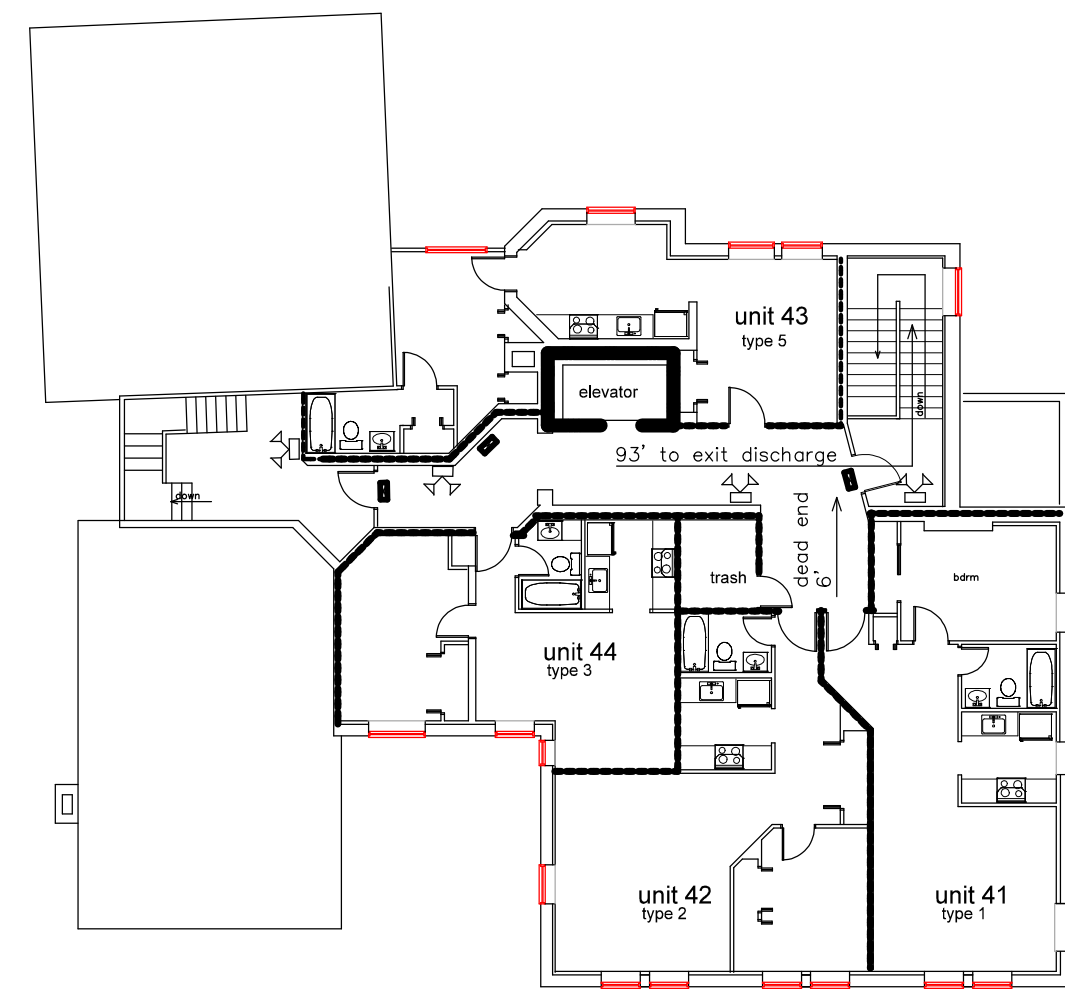
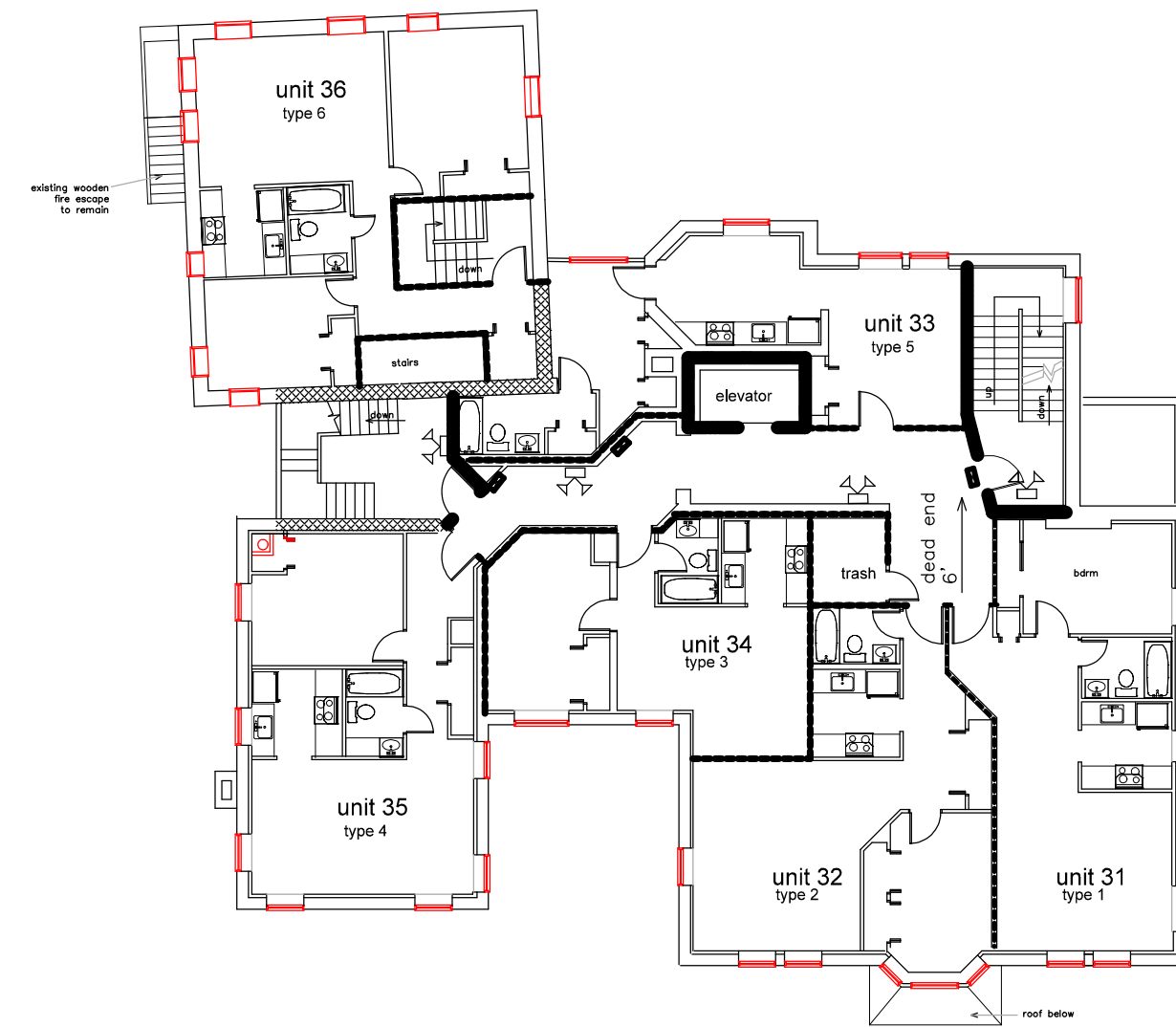


**Butler Payson**  
pine st.  
state st.  
portland, me.

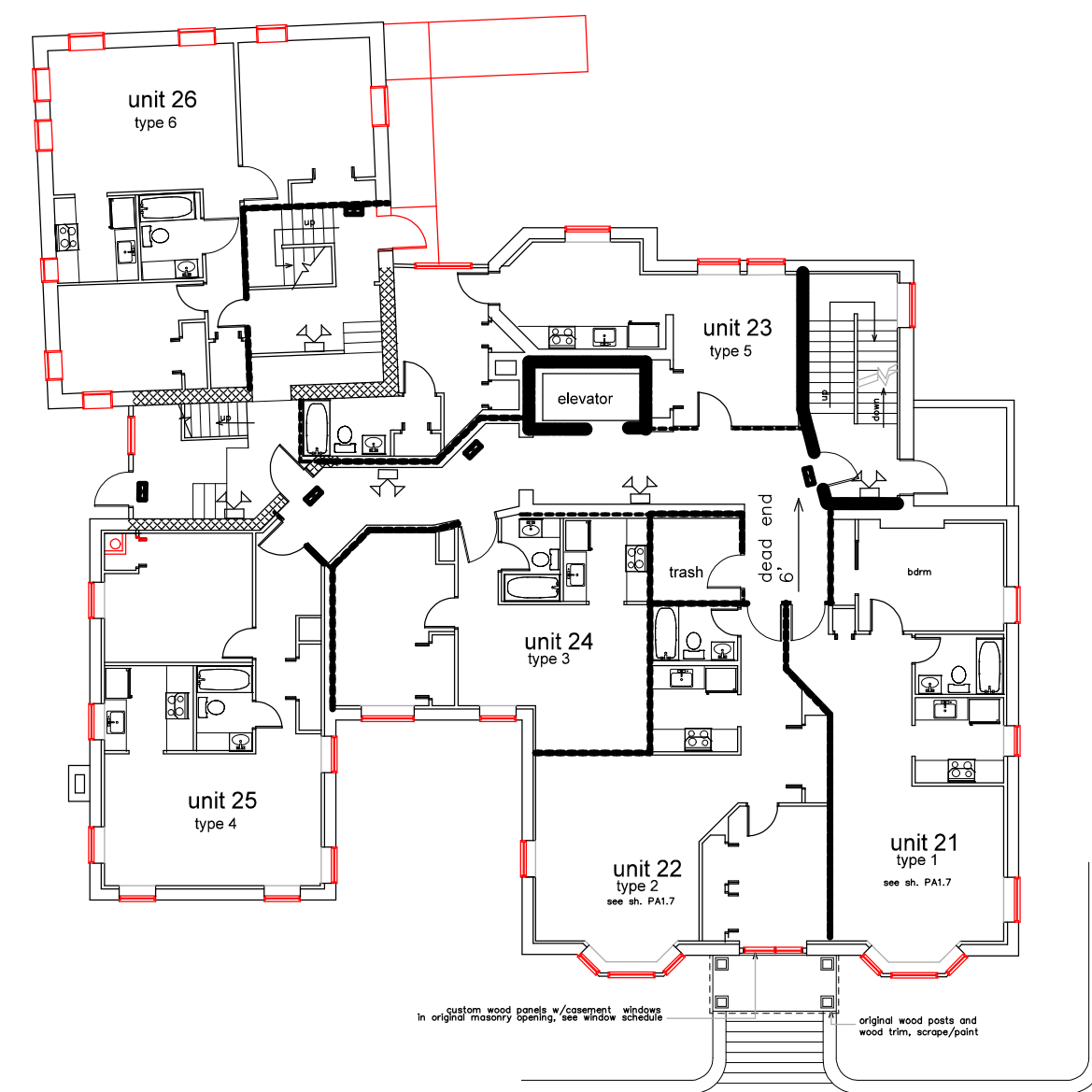
**avesta housing**



4th floor plan

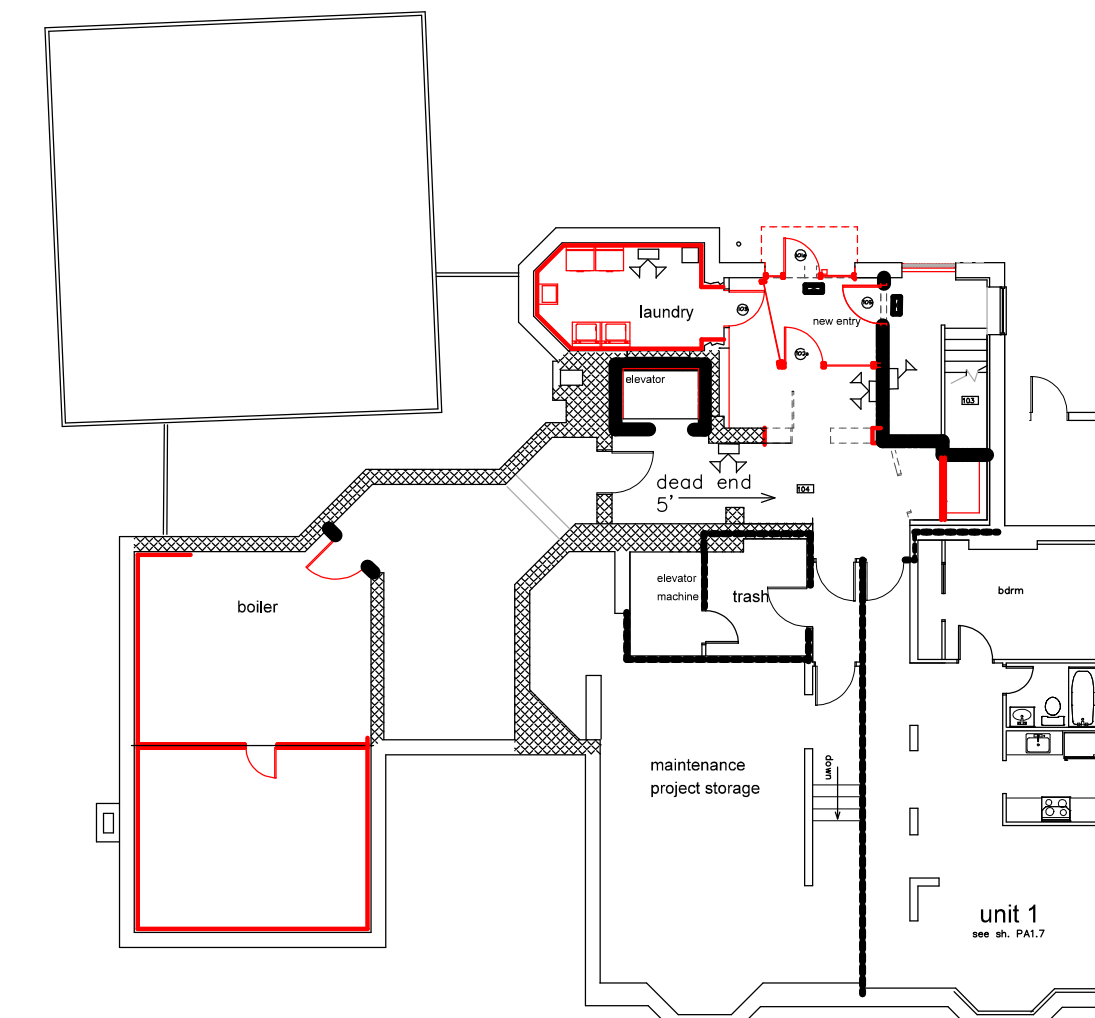


3rd floor plan










new 2nd floor plan

existing grant ceiling/holding wall  
existing graphic signs



new 1st floor plan

-  stairway exit wall  
existing rating: 1 hour  
required rating: 1 hour  
NFPA 2009: table A.31.1
-  exit access corridor walls  
existing rating: 1 hour  
required rating w/ 13R sprinkler: 1/2 hour  
NFPA 2009: 31.3.6.1
-  dwelling unit separation walls and ceiling  
existing rating: 1 hour  
required rating w/ 13R sprinkler: 1/2 hour  
NFPA 2009: 30.7.2
-  hazardous area separation: boiler room, laundry, storage, trash  
existing rating: 1 hour  
required rating w/ 13R sprinkler: none  
NFPA 2009: 31.3.2.1.1
-  stairway exit masonry wall: 2 hour
-  exit sign
-  emergency lighting

NFPA  
building type: apartment building 6.1.8.1.5  
construction type: 200

table A.8.2.1.2 based on new 13r supervised automatic sprinkler system

	exist./ new	req.
exterior walls:	2 hr.	2 hr
interior bearing walls:	1 hr	0 hr
columns:	1 hr	0 hr
beams/ trusses:	1 hr	0 hr
floor/ ceiling:	1 hr	0 hr
roof/ ceiling:	1 hr	0 hr
non bearing:	0 hr	0 hr

table A.31.1 based on new 13r supervised automatic sprinkler system

	exist./ new	max.
travel distance	151'	200'
furthest opt. door:		
single path of travel:	none	50'
dead end:	none	50'
corridor rating:	1 hr.	1/2 hour
corridor doors:	B60	smoke resisting
exit doors:	B60	B60
		self closing, latching

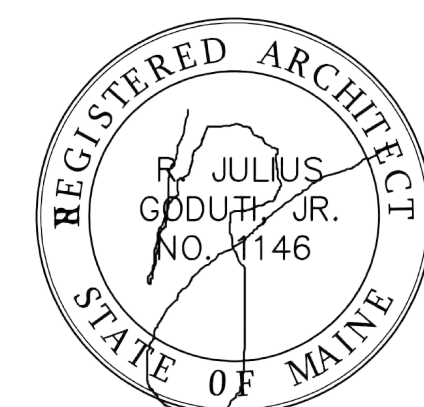
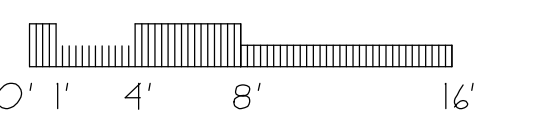
table 31.3.2.1.1 based on new 13r supervised automatic sprinkler system

	exist./ new	max.
boiler room, trash, laundry	1 hr.	1 hr.

existing addressible supervised fire alarm system in place to be upgraded per electrical plans

new 13R automatic supervised sprinkler system to be added plans to be provided by sprinkler company

**payson**  
NFPA code



**PC1.0**