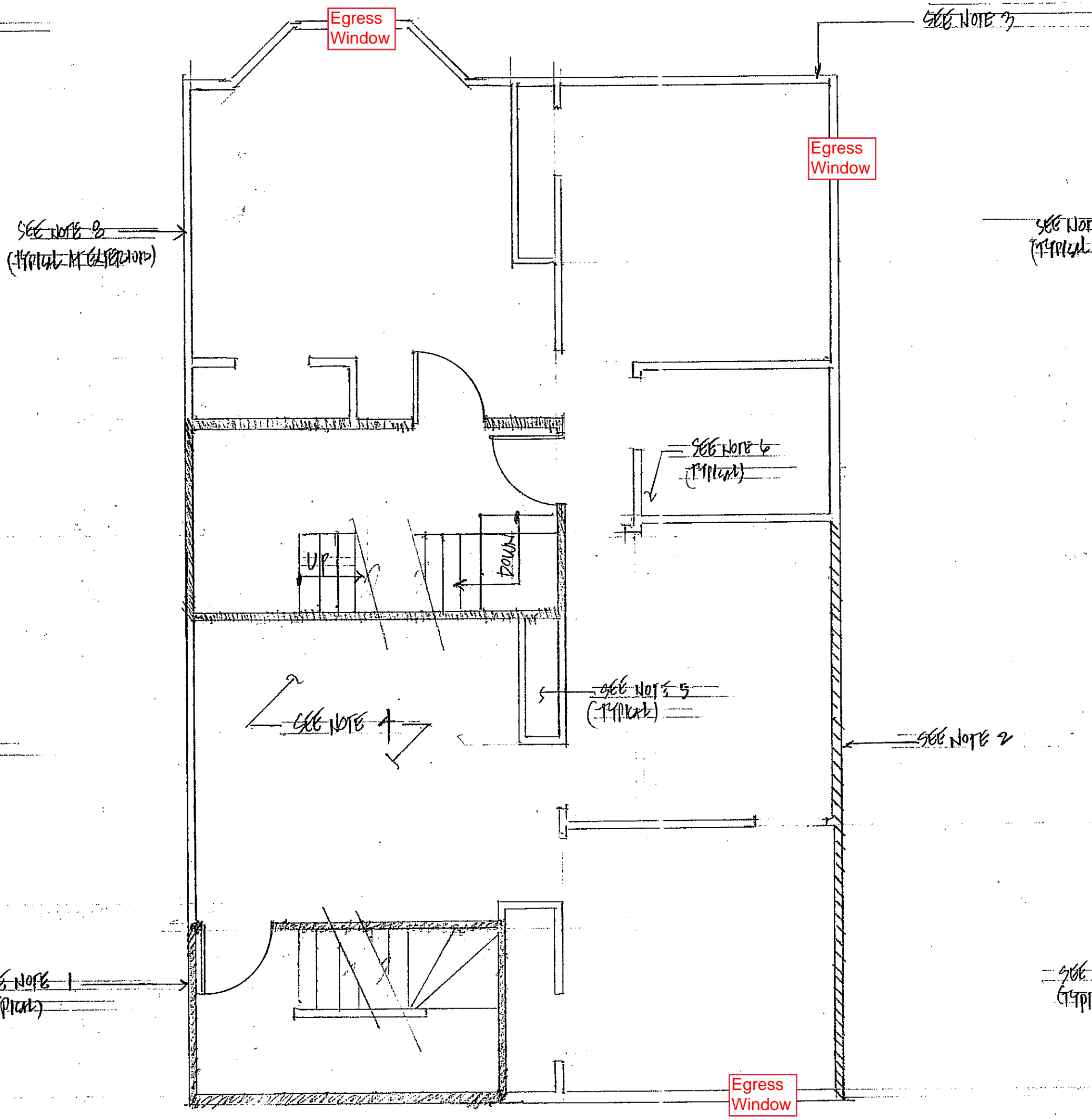
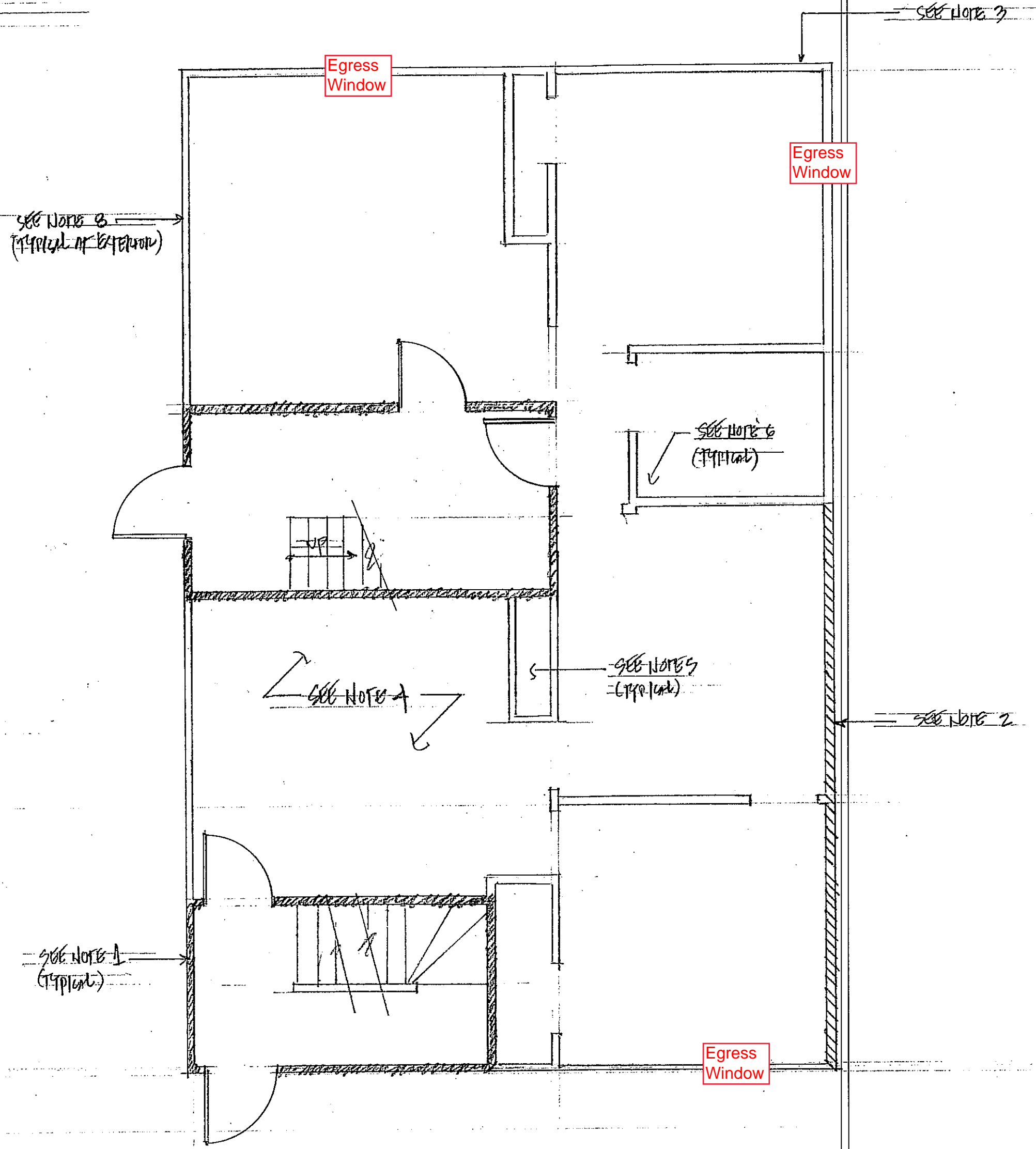


THIRD FLOOR PLAN
SCALE: 1/4" = 1'-0"

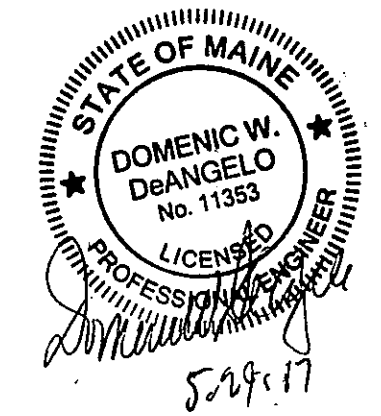


SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"



FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

- Notes:**
1. Shaded walls shall be constructed as one hour fire rated walls. Fire rated sheetrock (1 hour 5/8" thick) shall be applied to both surfaces of the interior stud wall and on the inside face of the exterior studded walls. The sheetrock shall span continuously from the first floor to the underside of the roof deck. Where framing attaches to the existing stud wall it shall be removed to allow for the sheetrock to pass through. It shall then be re-attached through the sheetrock into the studs. Doors and associated hardware shall be rated for one hour.
 2. Hatched walls shall be constructed as one hour fire rated walls. Fire rated sheetrock (1 hour 5/8" thick) shall be to the inside face of the exterior studded walls. Because the floors have been balloon framed provide one hour fire-resistant paint *Flame OFF* or approved equal in the cavity between floors. The fire resistant paint shall extend beyond the interior face of the wall.
 3. Because the exterior walls have been balloon framed provide solid blocking at the ceiling line of each floor. Any gaps shall be closed with a one hour fire rated spray foam (*Tiger Foam spray foam* or approved equal).
 4. Provide one hour (5/8" thick) fire rated sheetrock on the underside of the first, second, and third floor framing.
 5. Provide one hour fire rated spray foam (*Tiger Foam spray foam* or approved equal) at all chimney locations where they penetrate through the floor.
 6. Provide one hour fire rated spray foam (*Tiger Foam spray foam* or approved equal) at all piping and electrical line locations where they penetrate through the floor.
 7. Provide Owens Corning *EcoTouch® PINK® FIBERGLAS™ R-49 Insulation* or approved equal above the third floor ceiling. Alternately provide 8" of closed cell icynene foam insulation (rated R-6 for every inch of thickness).
 8. Provide 3-1/2" of closed cell icynene foam insulation at all exterior walls (rated R-6 for every inch of thickness).
 9. Provide 7" of Owen Corning *r-22 batted fiberglass insulation* or approved equal under the first floor framing.



FLOOR PLANS - FIRE PROTECTION AND INSULATION	
CUMBERLAND AVENUE	PORTLAND, ME
OLD ENGINEERING INC. 500.210.9600	
5 MICHAEL ROAD	PORTLAND, ME 04103
DATE: 5-29-17	PROJECT: 17-040

A-1