

NOTES FOR NFPA 13 2010ed. SYSTEM

- (13) 3.1.7 SMALL ROOMS SPRINKLERS SHALL BE INSTALLED IN ALL AREAS HAVING UNRESTRICTED ACCESS TO THE ROOMS AND AREAS NOT EXCEEDING 300 SQ FT THAT ARE EXPOSED BY WALLS AND CEILING TO ADJACENT AREAS EXCEPT WHERE THE WALL IS A 2.1 SYSTEM PROTECTION AREA.
- (13) 3.1.8 THE MAXIMUM FLOOR AREA ON ANY ONE FLOOR TO BE PROTECTED BY A SINGLE BRANCH OF A SPRINKLER SYSTEM SHALL NOT EXCEED 2500 SQ FT.
- (13) 3.1.9 A BRANCH OF AT LEAST SIX SPRINKLERS SHALL BE MAINTAINED OPEN AT ALL TIMES TO PREVENT THE SYSTEM FROM BEING REPAIRED OR REWORKED FROM OCCASION.
- (13) 3.1.10 SPRINKLERS SHALL NOT BE REQUIRED IN ELECTRICAL EQUIPMENT ROOMS WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET: (1) THE ROOM IS NOT USED FOR STORAGE OF FLAMMABLE LIQUIDS OR GASES; (2) ONLY THE ELECTRICAL EQUIPMENT IS USED; (3) THE ROOM IS PROTECTED BY A 2.1 SYSTEM; (4) INCLUDING PROTECTION FOR THE CEILING.
- (13) 3.1.11 SPRINKLERS SHALL BE INSTALLED AT THE INTERSECTION OF WALLS AND CEILING.
- (13) 3.1.12 SPRINKLERS SHALL BE INSTALLED AT THE INTERSECTION OF WALLS AND CEILING.
- (13) 3.1.13 SPRINKLERS SHALL BE INSTALLED AT THE INTERSECTION OF WALLS AND CEILING.
- (13) 3.1.14 SPRINKLERS SHALL BE INSTALLED AT THE INTERSECTION OF WALLS AND CEILING.
- (13) 3.1.15 SPRINKLERS SHALL BE INSTALLED AT THE INTERSECTION OF WALLS AND CEILING.
- (13) 3.1.16 SPRINKLERS SHALL BE INSTALLED AT THE INTERSECTION OF WALLS AND CEILING.
- (13) 3.1.17 SPRINKLERS SHALL BE INSTALLED AT THE INTERSECTION OF WALLS AND CEILING.

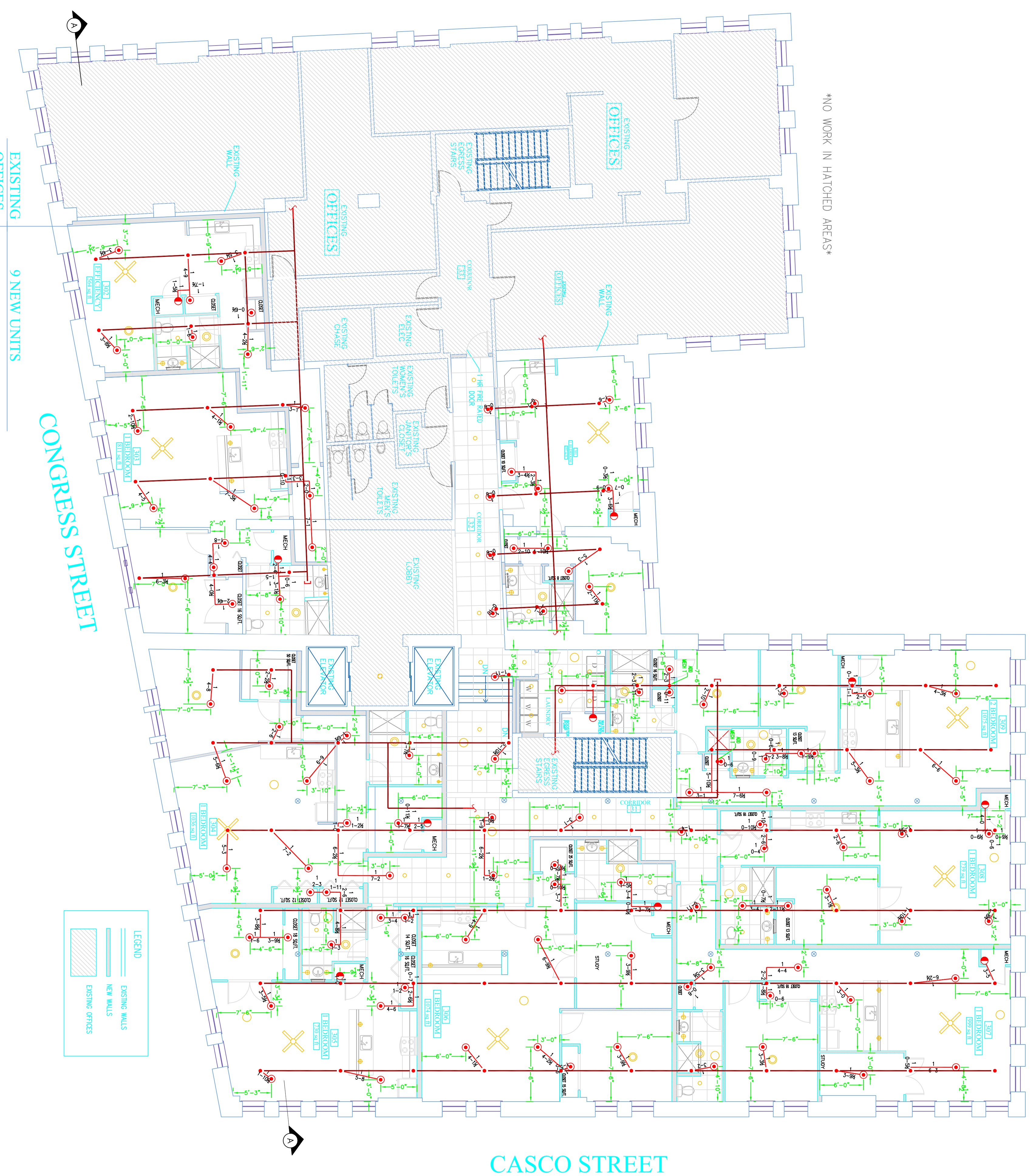
PROJECT DESCRIPTION

BUILDING CONST:
THE BUILDING IS 5 LEVELS HIGH. THE BUILDING IS CONSTRUCTED OF CONCRETE AND STEEL. THE BUILDING IS A 5 STORY OFFICE BUILDING. THE BUILDING IS A 5 STORY OFFICE BUILDING. THE BUILDING IS A 5 STORY OFFICE BUILDING.

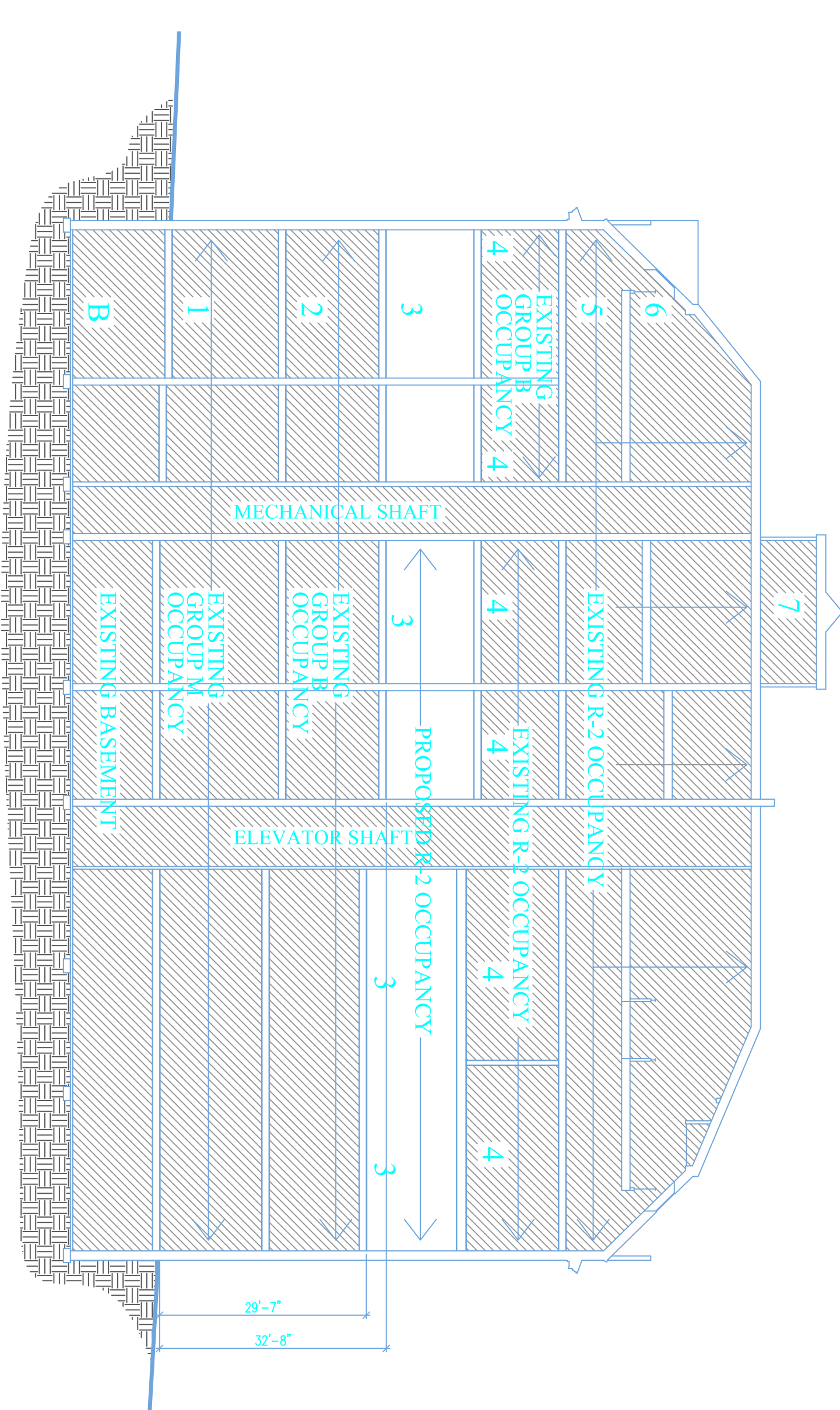
BUILDING OCCUPANCY:
THE BUILDING WAS BUILT & DESIGNED FOR OFFICE USE. THE BUILDING WAS BUILT & DESIGNED FOR OFFICE USE. THE BUILDING WAS BUILT & DESIGNED FOR OFFICE USE.

SPRINKLER SYSTEM DESIGN:
THE BUILDING IS PROTECTED WITH AN EXISTING WET SPRINKLER SYSTEM ON EACH FLOOR. THE PUMP CONTRIBUTION IS PERCENT HEADS ON STEEL HEADS LINES.

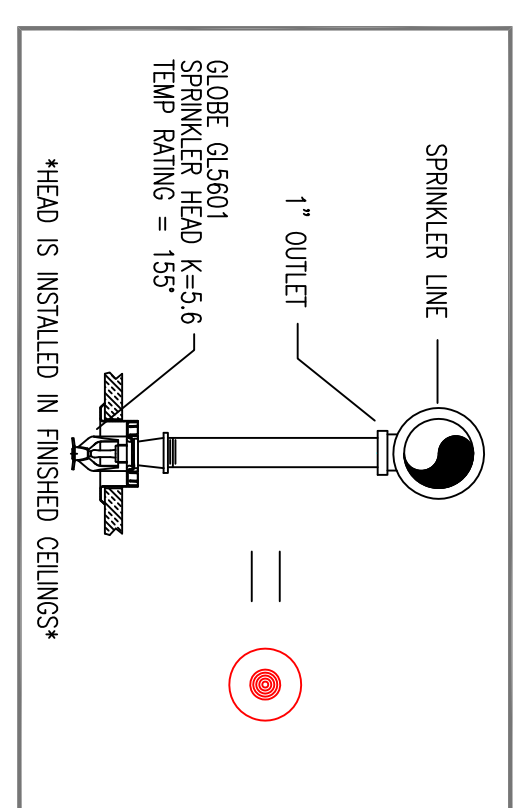
OUR WORK INCLUDES:
REWORKING EXISTING DROPS WITH NEW SPRINKLER HEADS TO ACCOMMODATE THE REVISED WALL AND CEILING LAYOUT. NEW COMMERCIAL PENDANTS TO BE INSTALLED. 150 DEGREE IN ALL AREAS EXCEPT MECHANICAL ROOMS WHICH WILL HAVE 200 DEGREE INSTALLED. PERPENDICULAR LIVING SPACE COVERED WITH NEW COMMERCIAL PENDANT SPRINKLER HEADS. FEED FROM EXISTING PIPING ABOVE. CO TO PROPERLY INSULATE AROUND SPRINKLER PIPING TO PREVENT WATER FILLED PIPE FROM FREEZING. THE SPRINKLER SYSTEM WAS RENOVATED TO MEET APPLICABLE CODE REGARDING AN NFPA 13 2010ed. SYSTEM.



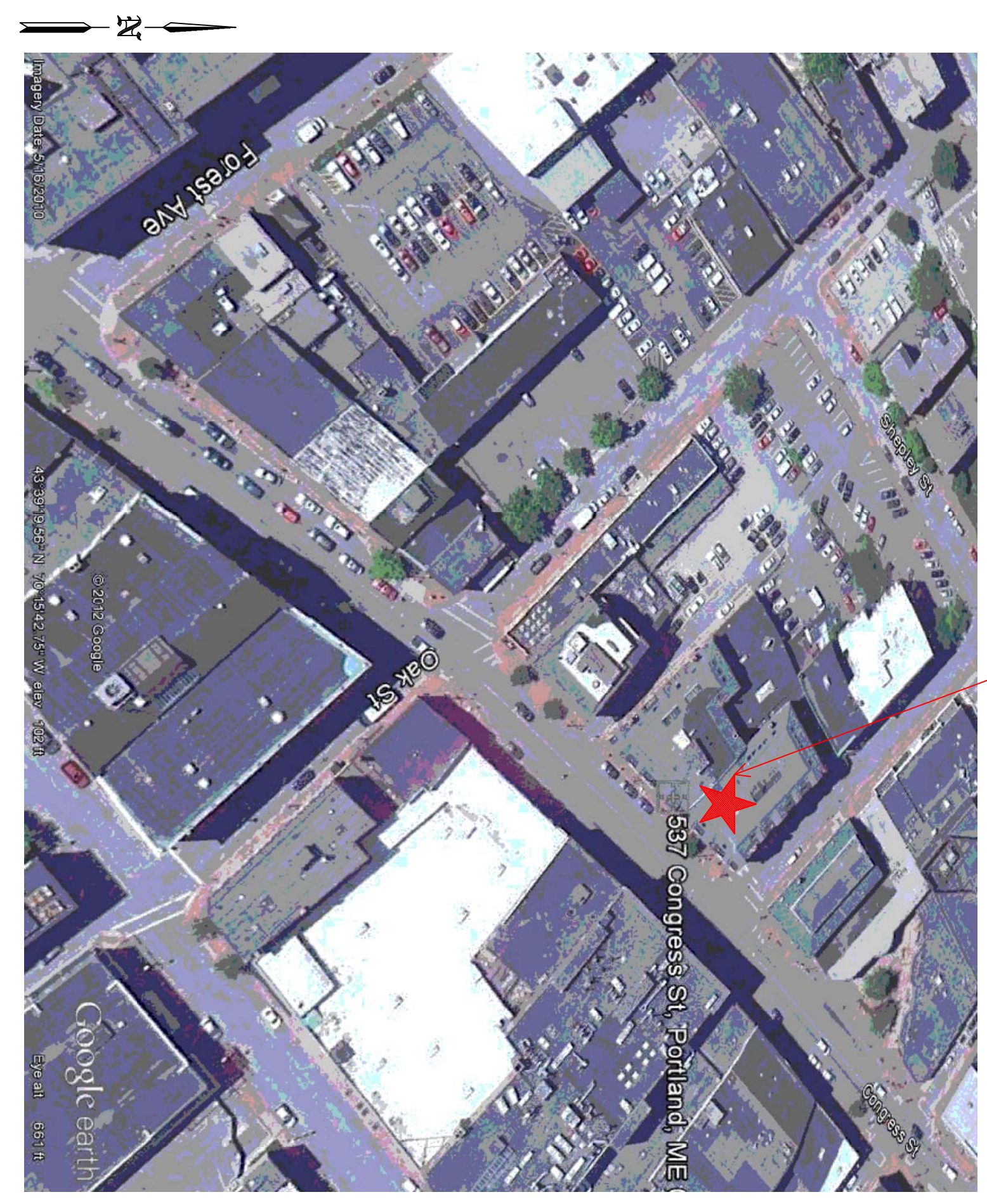
3 THIRD FLOOR (WET)
TOTAL PROJECTED AREA 3,500 SQ.FT.
SCALE 1/8" = 1'-0"
NO WORK IN HATCHED AREAS



3.1 THIRD FLOOR SECTION 'A'
SCALE 1/16" = 1'-0"



3.2 HEAD DETAILS
SCALE: N.T.S.



3.3 PLOT PLAN
SCALE: N.T.S.

<p>HIGH TECH FIRE PROTECTION P.O. BOX 156 MILFORD, ME 04258-0156 TEL: (207) 998-2531 FAX: (207) 998-4817</p> <p>NAME LICENSE # 102 GENERAL CONTRACTOR ON RECORD DIRTIO PROPERTY MANAGEMENT PETE # 871-1080</p>		<p>LEGEND:</p> <ul style="list-style-type: none"> ○ NEW PIPE RISEN UP OR DOWN — PROPOSED NEW W/ PIPE — EXISTING PIPE — SWAY BRACING ⊙ HYDRAULIC CALC. POINT 	
<p>DESIGN & SYSTEM NOTES:</p> <p>WITH APPROVED EQUALS, THE SCHEDULE TO ALL PIPES 1 1/2" & SMALLER TO BE SCHEDULE 40 WITH APPROPRIATE FINISH. AND USE OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13. POSITION, LOCATION, SPACING AND USE OF HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13. (SEE SECTION FOR DETAIL OF HANGERS, HOOKS, HUBS, AND OTHER DETAILS.)</p> <p>ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADES TO COORDINATE THEIR WORK WITH SPRINKLER CONTRACTOR.</p> <p>ALL ELECTRICAL WORK IS TO BE DONE BY OTHERS.</p>		<p>HEAD LEGEND:</p> <ul style="list-style-type: none"> ○ Q.08ET* MODEL QLS601 (111/7155) K-5.5 ESC 1/2" WHITE PENDANT SEMI-RECESSED ESC ● Q.08ET* MODEL QLS601 (10/2800) K-5.5 ESC 1/2" WHITE PENDANT SEMI-RECESSED ESC IN MECHANICAL ROOMS 	
<p>REVISIONS:</p> <p>NO. DATE DESCRIPTION</p> <p>1 1/31/14 ALL CLOSETS COVERED</p> <p>DATE: JANUARY 29, 2014 DESIGNER: ED POULIN (RMS# 515) CHECKED BY: AL FOSS</p>		<p>FOR APPROVED EQUALS:</p> <p>TOTAL PROJECTED AREA ON THIS SHEET: 121</p> <p>SCALE: 1/8" = 1'-0"</p>	
<p>DRAWING TITLE:</p> <p>3RD FLOOR APARTMENTS JB BROWN BUILDING FIRE PROTECTION PLAN (NFPA 13 2010ed.)</p> <p>DRAWING NO.: FP-01 REVISED</p>		<p>LOCATION:</p> <p>537 CONGRESS STREET PORTLAND, ME</p>	