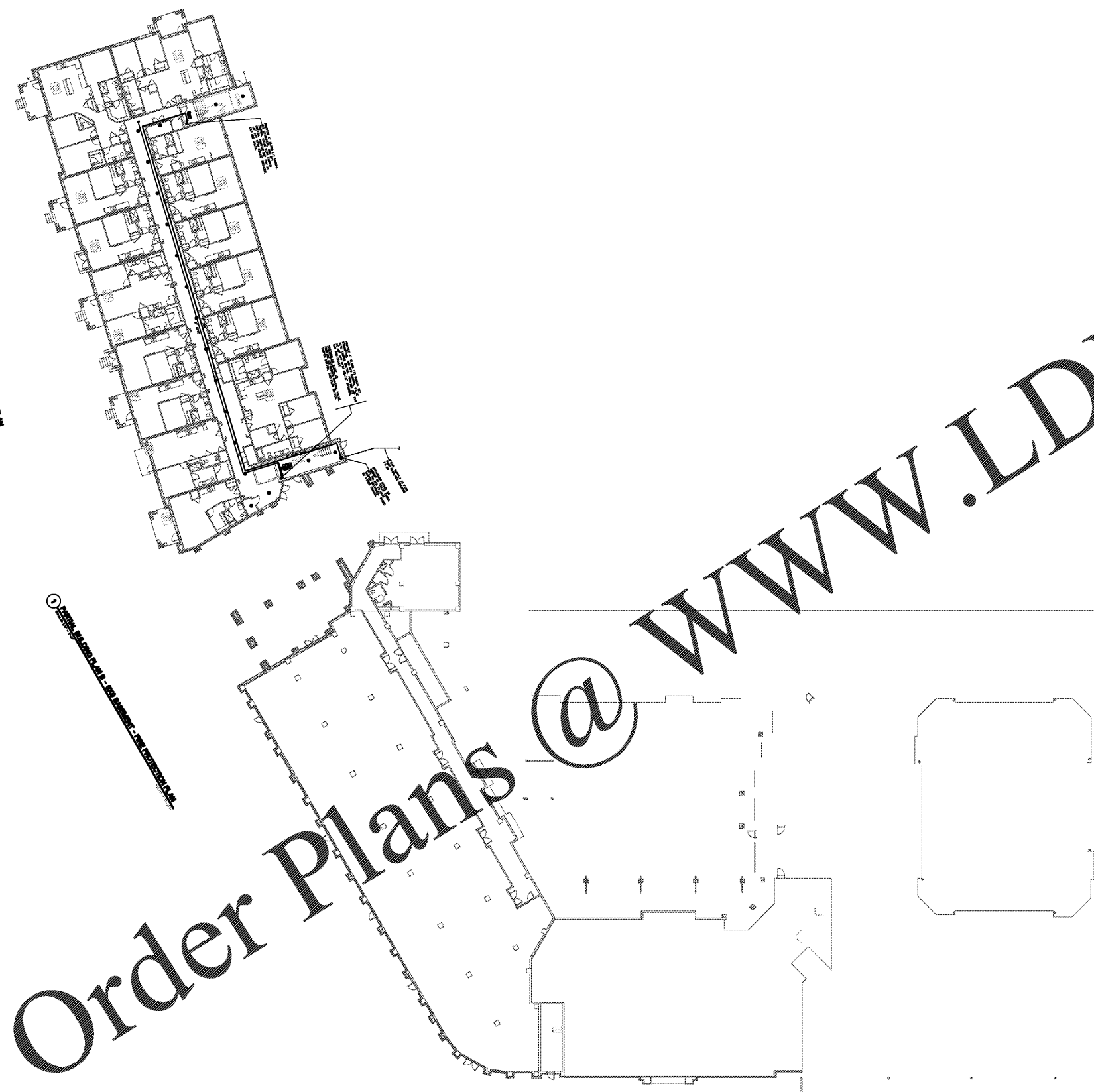


FIRE PROTECTION GENERAL NOTES - NFPA 13 SYSTEM

1. THE INTENT OF THESE DRAWING IS TO SHOW SPRINKLER HEAD LOCATIONS THAT HAVE BEEN COORDINATED WITH OTHER ENGINEERING TRADES (ELECTRICAL AND HVAC). IT IS THE INSTALLING CONTRACTOR THAT IS RESPONSIBLE COMPLETING FULLY COORDINATED DRAWINGS THAT INCLUDE THE PIPING LAYOUT AND HYDRAULIC CALCULATIONS. THIS DRAWING IS INTENDED TO SATISFY THE REQUIREMENTS OF 2012 IBC AND 2012 IFC
2. ALL FIRE SPRINKLER SYSTEMS SHALL BE MONITORED BY AN APPROVED SUPERVISING STATION IN ACCORDANCE WITH NFPA 72
3. THIS BUILDING TO BE PROTECTED IN ACCORDANCE WITH NFPA-13 2013 EDITION AND 2012 IBC AND 2012 IFC
4. SPRINKLER SYSTEMS TO BE DESIGNED IN ACCORDANCE WITH NFPA-13, 2013 EDITION.
5. ALL UNDERGROUND FIRE MAINS TO BE DESIGNED IN ACCORDANCE WITH NFPA-24, 2010 EDITION.
6. DESIGN DENSITY FOR MECHANICAL, OR ELECTRICAL RISERS TO BE ORDINARY HAZARD GROUP 1, .15/1500, WITH SPRINKLER SPACING NOT TO EXCEED 130 SQ. FT. (USE DEMAND TO BE 250 GPM.
7. ALL ATTIC AREAS TO BE PROTECTED WITH DRY PIPE SYSTEM. DESIGN AREA TO BE INCREASED 30% TO 1950 SQ. FT. WITH ROOF SLOPE OVER 4% DESIGN SHALL BE INCREASED BY ADDITIONAL 30% TO 2535 SQ. FT.
8. ALL PORCH AREAS TO BE PROTECTED WITH DRY SIDEWALL SPRINKLERS.
9. COMBUSTIBLE CONCEALED SPACES: SPRINKLERS ARE NOT REQUIRED IN ALL COMBUSTIBLE CONCEALED SPACES THAT ARE FILLED ENTIRELY WITH NON COMBUSTIBLE INSULATION. THE BUILDING OWNER IS TO BE RESPONSIBLE TO MEET THE REQUIREMENTS OF NFPA-13, SECTION 8.15.1.2.7: CONCEALED SPACES ENTIRELY FILLED WITH NONCOMBUSTIBLE INSULATION SHALL NOT REQUIRE SPRINKLER PROTECTION. SECTION 8.15.1.2.7: CONCEALED SPACES WITHIN WOOD JOIST CONSTRUCTION AND COMPOSITE WOOD JOIST CONSTRUCTION HAVING NONCOMBUSTIBLE INSULATION FILLING THE SPACE FROM THE CEILING UP TO THE BOTTOM EDGE OF THE JOIST OF THE ROOF DECK, PROVIDED THAT IN COMPOSITE WOOD JOIST CONSTRUCTION THE JOIST CHANNELS ARE FIRE STOPPED INTO VOLUMES EACH NOT EXCEEDING 160 SQ. FT. TO THE FULL DEPTH OF THE JOIST WITH MATERIAL EQUIVALENT TO THE WEB CONSTRUCTION, SHALL NOT REQUIRE SPRINKLER PROTECTION.
10. PROVIDE CANE DETECTION AT STANDPIPES, VALVES AND OTHER OBSTRUCTIONS IN STAIRWAYS AND CORRIDORS PER ADA 2010 STDS SECTION 307



Order Plans @

1 BUILDING TYPE ONE BASEMENT - FIRE PROTECTION PLAN
SCALE: 1" = 25'-0"

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BUILDING TYPE ONE

BASEMENT

FIRE PROTECTION

PLAN

date: 06-04-2019
job no: 3789.15
drawn by: GNIK
reviewed by: GNIK
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