



HIGH TECH FIRE PROTECTION
 P.O. BOX 042
 MINOT, ME. 042
 TEL: (207) 998-2551 FAX: Date: 05/31/16

MAINE LICENSE # 102

GENERAL CONTRACTOR ON RECORD:

SPECIAL APPLICATIONS:

LEGEND:

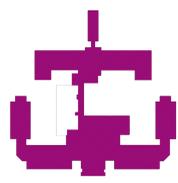
- R/W/DN PIPE RISER UP OR DOWN
- EXISTING OUTLET
- PROPOSED PIPE
- SYSTEM RISER
- PIPE PITCH 1/8" MAINS 1/4" LINES
- SWAY BRACING
- HYDRAULIC CALC. POINT

DESIGN & SYSTEM NOTES:

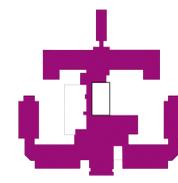
POSITION, LOCATION, SPACING, AND USE OF SPRINKLERS SHALL BE IN ACCORDANCE WITH NFPA 13.
 POSITION, LOCATION, SPACING, AND USE OF HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13.
 HYDRAULIC CALCULATION PROCEDURES HAVE BEEN DONE IN ACCORDANCE WITH NFPA 13. (SEE PLANS FOR LOCATION OF REMOTE AREAS, HYDRAULIC REFERENCE POINTS, AND SYSTEM DEMANDS.)
 HIGH TECH FIRE PROTECTION IS TO BEGIN WORK AT EXISTING LINES.
 DIMENSIONS AND LOCATIONS GIVEN FOR SPRINKLER HEADS AND PIPE MAY VARY TO ACCOMMODATE ACTUAL FIELD CONDITIONS.
 OWNER TO PROVIDE ADEQUATE HEAT THROUGHOUT BUILDING TO PROTECT WATER FILLED PIPING AND EQUIPMENT FROM FREEZING TEMPERATURES.
 ONLY TRI-SEAL TYPE COUPLINGS TO BE INSTALLED ON DRY AND OR PRE-ACTION SYSTEMS.
 OWNER IS RESPONSIBLE TO MAINTAIN THE SPRINKLER SYSTEM IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 25, INSPECTION, TESTING, & MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS AND/OR ALL APPLICABLE FEDERAL, STATE, AND/OR LOCAL LAWS, CODES AND ORDINANCES.
 ALL MECHANICAL, ELECTRICAL AND PLUMBING TRADES TO COORDINATE THEIR WORK WITH SPRINKLER CONTRACTOR.
 ALL ELECTRIC WORK IS TO BE DONE BY OTHERS.

HEAD LEGEND:

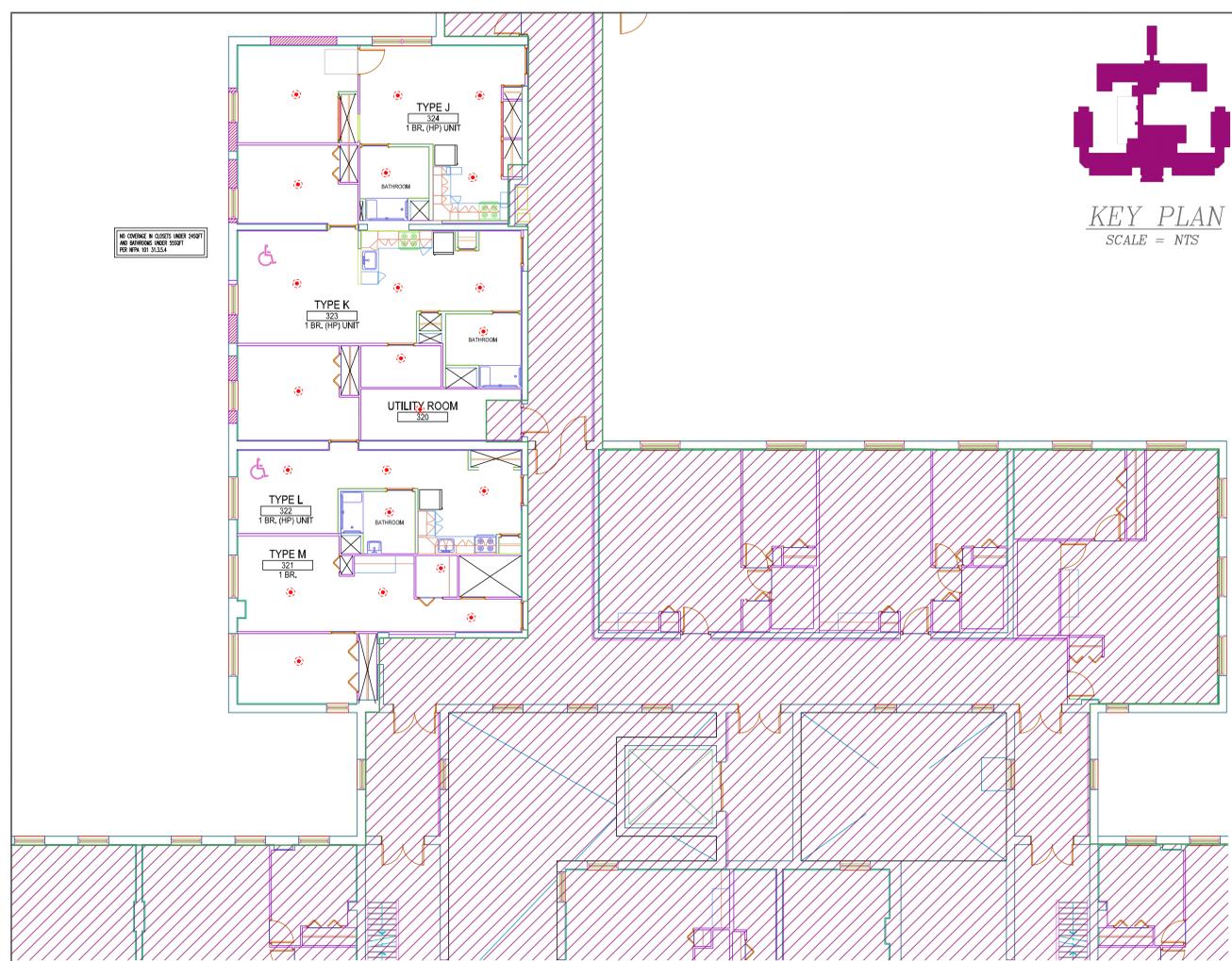
- 86 / 155" K=5.6
- 1/2" PENDENT
- WHITE SEMI-RECESSED



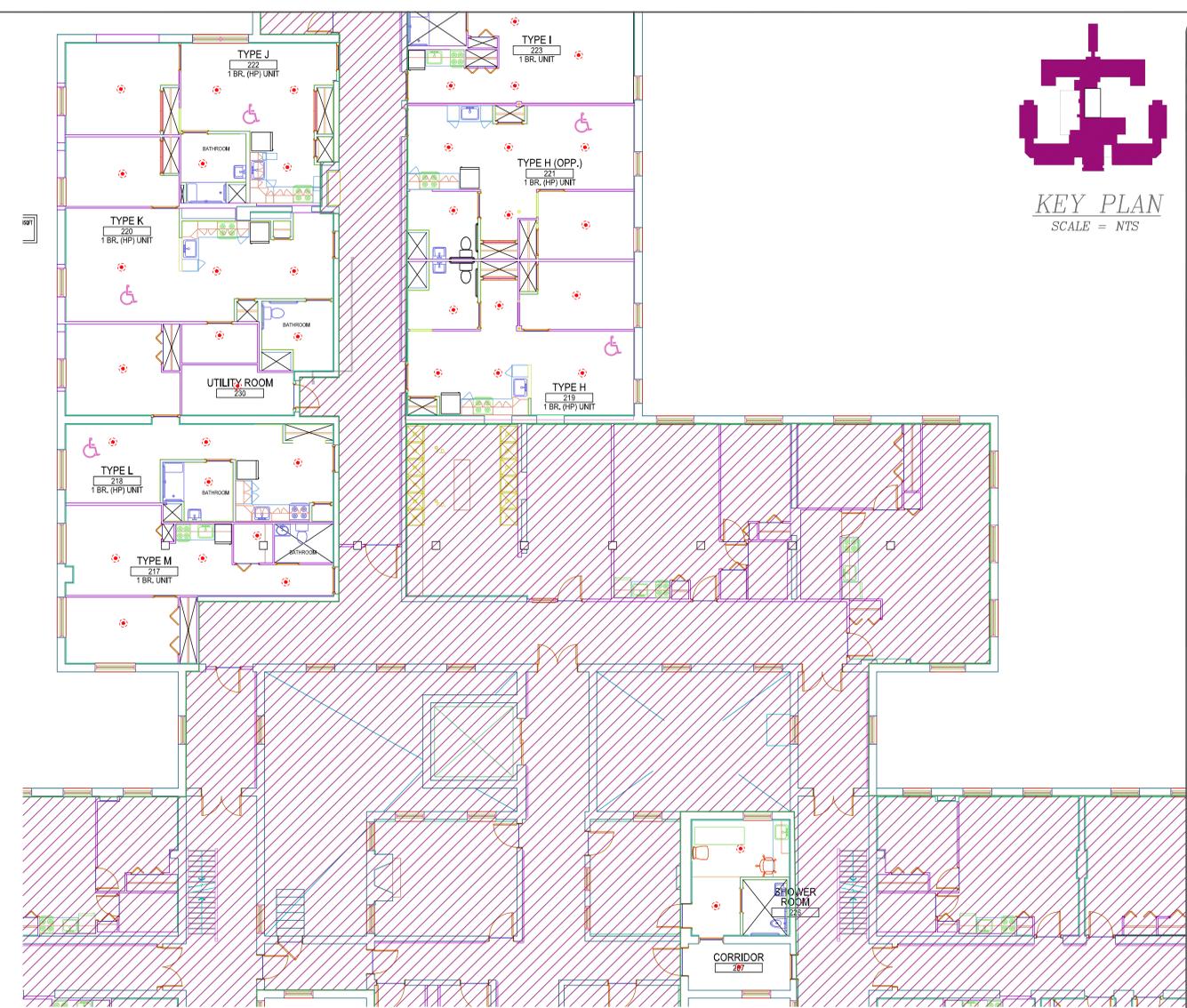
KEY PLAN
SCALE = NTS



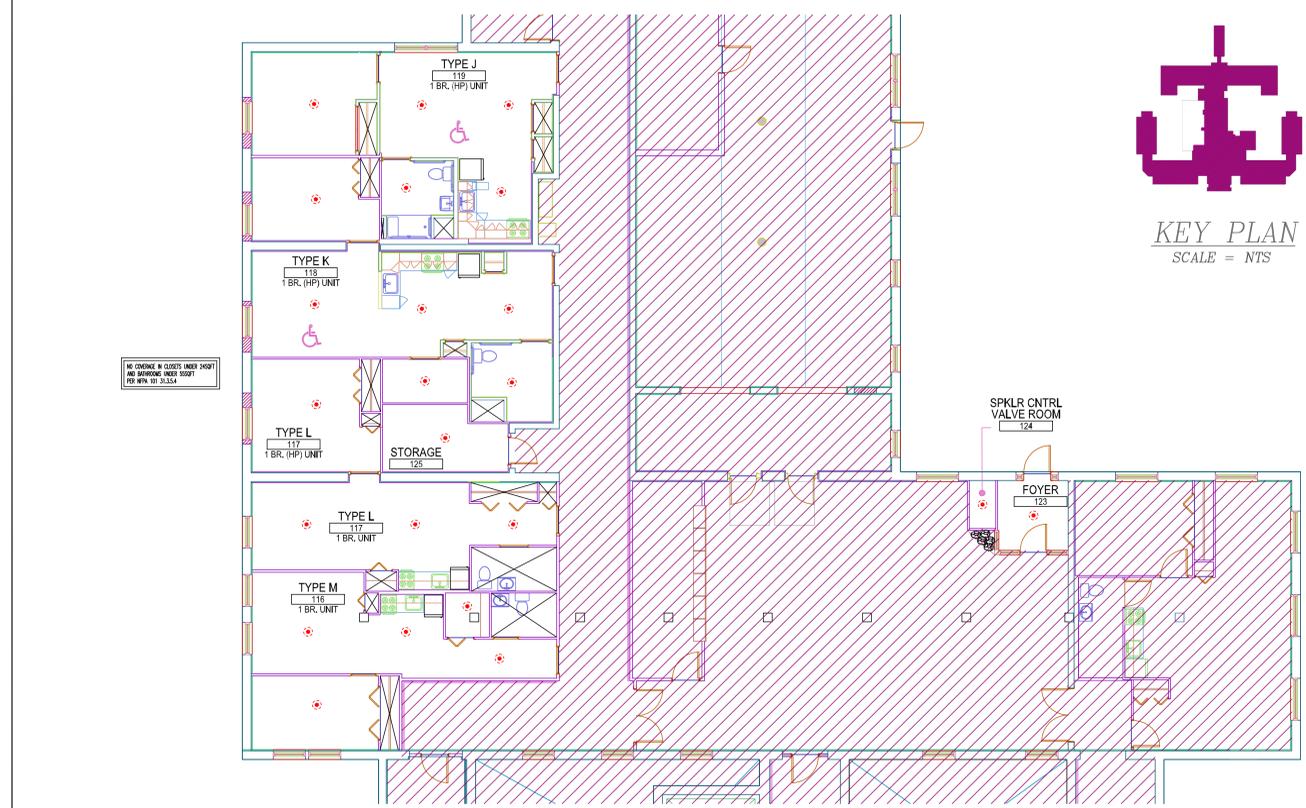
KEY PLAN
SCALE = NTS



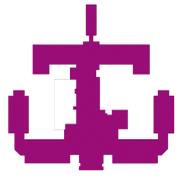
THIRD FLOOR
TOTAL PROTECTED AREA 2,750 SQ.FT.
SCALE 1/8" = 1'-0"



SECOND FLOOR
TOTAL PROTECTED AREA 4,650 SQ.FT.
SCALE 1/8" = 1'-0"



FIRST FLOOR
TOTAL PROTECTED AREA 2,825 SQ.FT.
SCALE 1/8" = 1'-0"



KEY PLAN
SCALE = NTS

DESCRIPTION OF WORK

The scope of work for this project involves renovating units on the First, Second and Third Floors of the building. The existing and new use for the renovated spaces is residential, so there is no change of use or hazard classification. The units being renovated are being converted from traditional units to handicap accessible units.

The structure is protected by an existing wet pipe system throughout that was designed using the hydraulic calculation method. The structure is multi-level and is constructed of Type V construction with wood framing throughout. The renovated areas will be a light hazard classification for residential use. We will be reworking fire sprinkler heads to accommodate new ceiling and wall layouts.



PLOT PLAN
SCALE: NOT TO SCALE

OR APPROVED EQUAL

TOTAL HEADS ON THIS SHEET: 86

SCALE: 1/8" = 1'-0"

REVISIONS:
NO. DATE: DESCRIPTION:

DATE: APRIL 7, 2016
 DESIGNER: ED PENNELL
 CHECKED BY: J.FOSS / E.POULIN
 NICET LEVEL: III 126801 RMS808

LOCATION:
1125 BRIGHTON AVE
PORTLAND ME, 04102

DRAWING TITLE:
LORING HOUSE APARTMENTS

FIRE PROTECTION PLAN
(NFPA 13 2010ed.)

DRAWING NO.:
FP-01