

DESIGN AREA NUMBER 1-5-4*

HYDRULIC DESIGN CRITERIA

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DESIGN AREA NUMBER 1-5-3*

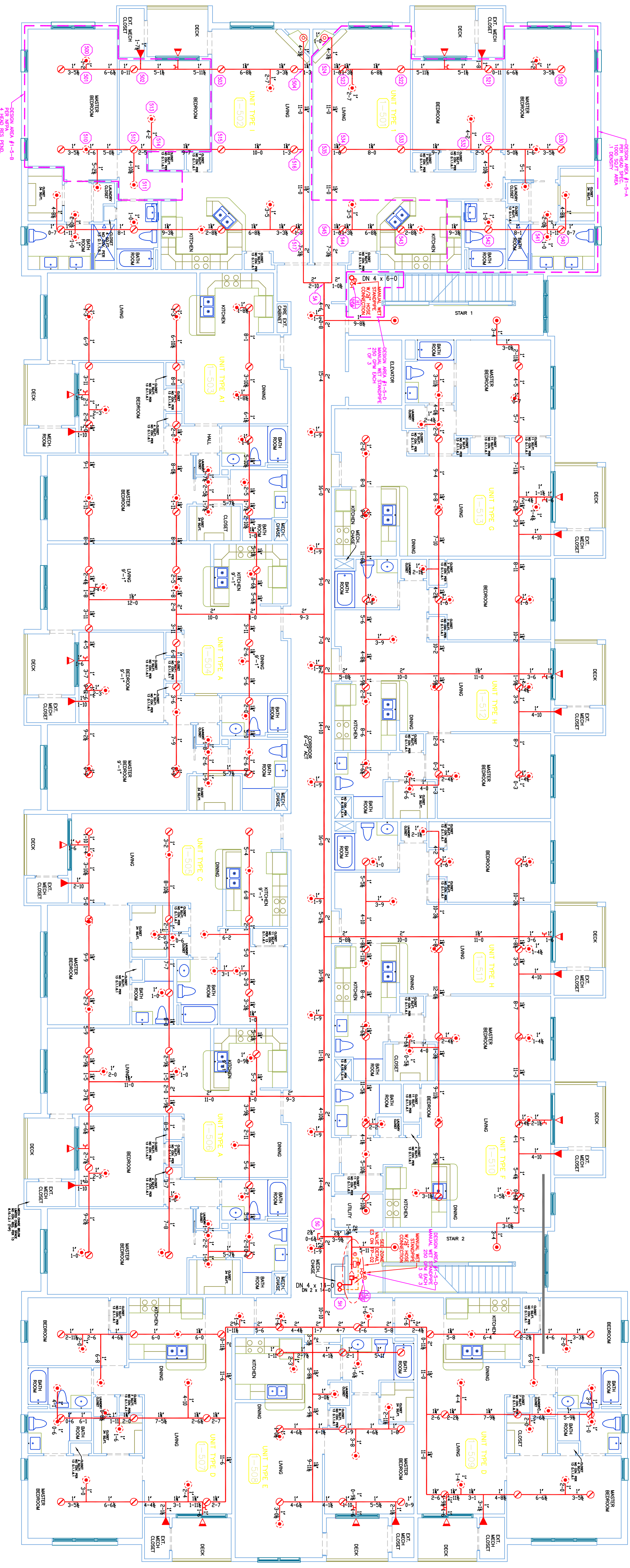
HYDRULIC DESIGN CRITERIA

DESIGN AREA NUMBER 1-5-3*
HYDRULIC DESIGN CRITERIA
DESIGN AREA NUMBER 1-5-3*
DESIGN AREA NUMBER 1-5-3*

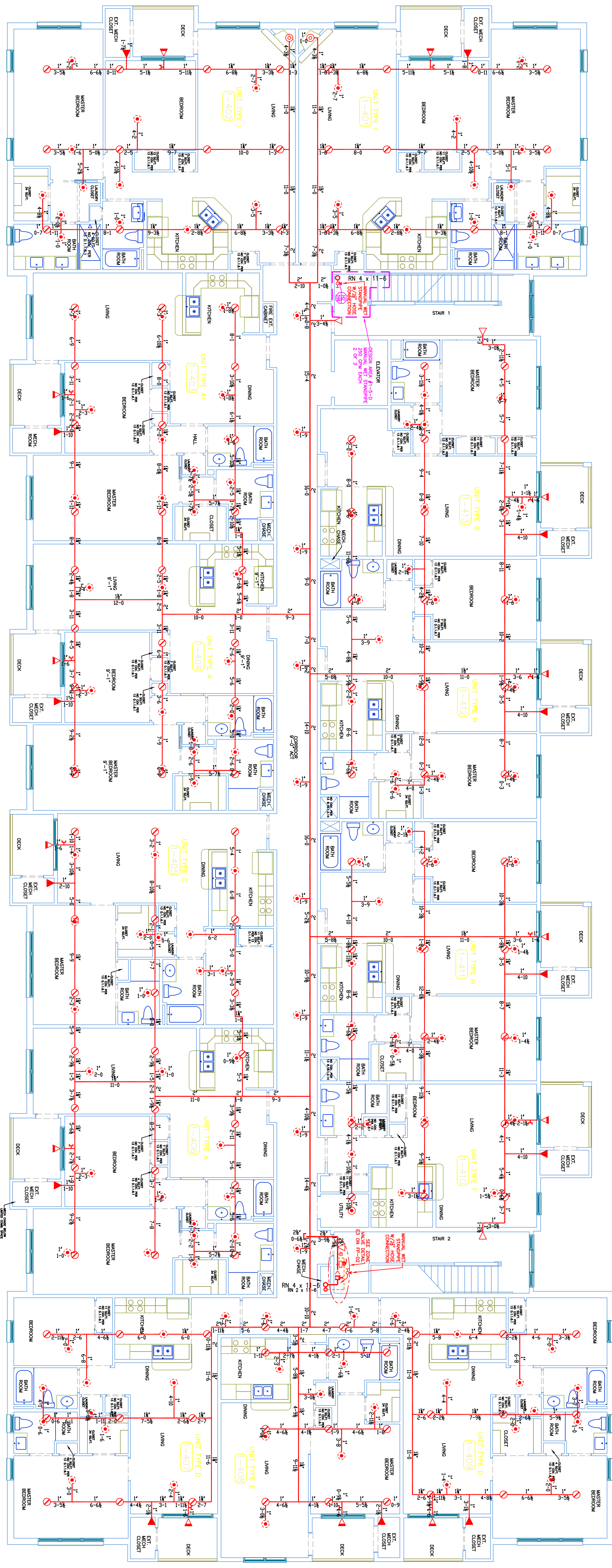
DESIGN AREA NUMBER 1-5-2*

HYDRULIC DESIGN CRITERIA

DESIGN AREA NUMBER 1-5-2*
HYDRULIC DESIGN CRITERIA
DESIGN AREA NUMBER 1-5-2*
DESIGN AREA NUMBER 1-5-2*



5TH FLOOR BUILDING 1 (WET ZONE 1-5)
TOTAL PROTECTED AREA 16,000 SQ.FT.
SCALE 1/8" = 1'-0"



4TH FLOOR BUILDING 1 (WET ZONE 1-4)
TOTAL PROTECTED AREA 16,000 SQ.FT.
SCALE 1/8" = 1'-0"

NOTES FOR NFPA 13 2010Ed SYSTEM

- SPRINKLERS SHALL BE INSTALLED IN ALL AREAS...
(1) 3.3.17 SMALL ROOMS...
(2) A ROOM OF LIGHT HAZARD OCCUPANCY CLASSIFICATION...
(3) THE MAXIMUM ROOM AREA ON ANY ONE FLOOR TO BE...
(4) THE MAXIMUM ROOM AREA ON OVERHUNG HAZARD AREA...
(5) 8.5.1.3.2 ELECTRICAL EQUIPMENT FROM OCCUPATION...
(6) ROOMS WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET...
(7) IN ALL CASES, THE SPRINKLER SYSTEM SHALL BE INSTALLED...
(8) 8.5.1.3.1 SPRINKLERS SHALL NOT BE INSTALLED AT THE...
(9) 8.5.1.2.11 SPRINKLERS SHALL NOT BE REQUIRED IN VERTICAL...
(10) 1.1.6.1.1 SPRINKLERS SHALL NOT BE REQUIRED IN OTHER COVERS...
(11) THE AREA OF THE SPACE DOES NOT EXCEED 12 FT SQ.

HIGH TECH FIRE PROTECTION

P.O. BOX 156
MILFORD, ME 04258-0156
TEL (207) 999-2541 FAX (207) 999-4187

NAME LICENSE # 102
GENERAL CONTRACTOR ON RECORD-
METRIC CORPORATION 55 HENSHAW
STREET BOSTON, MA 02135

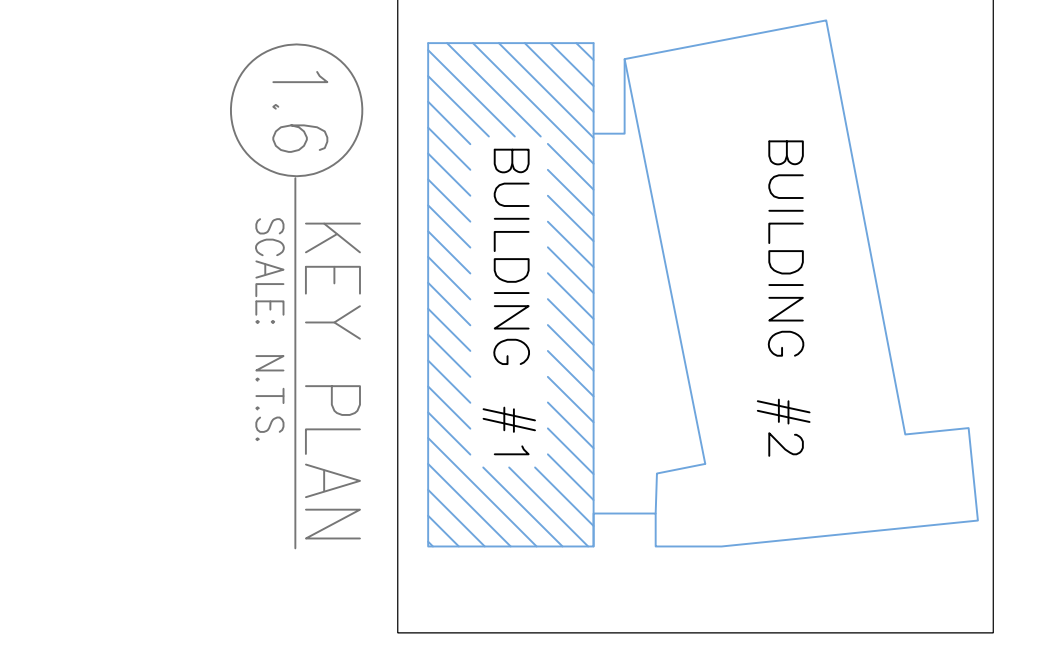
SPECIAL APPLICATIONS:
DRY SYSTEM IN ACCORDANCE WITH
STATE OF MAINE DRY PIPE POLICY
1/2" RIPE PER 10' ON MAINS AND
SPRINKLER LINES.

LEGEND:
R/RUP PIPE RISER UP OR DOWN
PROPOSED WET PIPE
PROPOSED DRY PIPE
SYSTEM RISER
HYDRULIC CALC. POINT

DESIGN & SYSTEM NOTES:
WITH CONSULTING ENGINEER...
ALL PIPING 1/2" & SMALLER TO BE SCHEDULE 40...
POSITION, LOCATION, SPACING, AND USE OF HANGERS...
SHALL BE IN ACCORDANCE WITH NFPA 13...
RER LOCATION OF RER SHALL BE IDENTIFIED...
HIGH TEMPERATURE PROTECTION IS TO BE INSTALLED...
DIMENSIONS AND LOCATIONS OPEN FOR SPRINKLER...
ACTUAL FIELD CONDITIONS...
OWNERS TO PROVIDE ACCURATE HEAT THROUGHOUT...
BUILDING TO PROTECT WATER FILLING PIPING AND...
EQUIPMENT FROM FREEZE TEMPERATURES...
OWNER IS RESPONSIBLE TO MAINTAIN THE SPRINKLER...
OF NEPA & APPROPRIATE DESIGN, LATEST EDITION...
OF WATER-BASED FIRE PROTECTION SYSTEMS AND...
LINES, ORIES AND SPRINKLES, AND/OR LOCAL...
ALL MECHANICAL, ELECTRICAL AND PLUMBING...
SPRINKLER CONTRACTOR...
ALL ELECTRICAL WORK IS TO BE DONE BY OTHERS.

- WET WALL
MODEL QLS610
4.7/200
K-5.5/8
1/2" BRASS UPRIGHT
ON SPRING OR LINE
DEFLECTORS 1" TO 6" BELOW
COMBUSTIBLE MEMBERS
MODEL QLS601
8.7/155
K-5.5/8
1/2" WHITE COMMERCIAL PENDENT
SEMI- RECESSED ESC.
SPACING 18' X 18'

- GLOBE*
MODEL QLS610
292/775
K-5.5/8
1/2" BRASS CORNERED
SPACE ORIENTED
MODEL QLS526
30/7700
K-5.5/8
1/2" CAROLINE HORIZONTAL
SIDEWALL SEMI RECESSED
DEFLECTOR 4" TO 6" BELOW CEILING
WITH HEAD CAGE
MODEL QLS641
24/2200
K-5.5/8
1/2" WHITE PRY HORIZONTAL
SIDEWALL SEMI RECESSED
DEFLECTOR 4" TO 6" BELOW CEILING



DATE: MARCH 1, 2013
DESIGNER: ED DOLAN (RMS 515)
CHECKED BY: I. BORNH / J. BOSS
LOCATION:
40 MIDDLE STREET
PORTLAND, ME
DRAWING TITLE:
THE BAY HOUSE
BLDG. 1 4TH & 5TH FL.
(WET ZONE 1-4 & 1-5)
FIRE PROTECTION PLAN
(NFPA 13 2010Ed.)
DRAWING NO.:
FP-04

