

NAME LICENSE # 102
 GENERAL CONTRACTOR ON RECORD:
 WRIGHT RYAN CONSTRUCTION
 10 DANFORTH STREET PORTLAND, ME
 P.M. ALISSA PARKER 207-773-6022
 P.S. ANDREW COLLINS

SPECIAL APPLICATIONS:
 FIRE CALK SPRINKLER PENETRATION THROUGH STAYED WALLS
 PENETRANT HEADS CENTER OF ACT.

LEGEND:
 ○ NEW PIPE RISER UP OR DOWN
 ○ PROPOSED DRAIN PIPE
 ○ PROPOSED CHVC PIPE
 ○ SYSTEM RISER
 ○ HYDRAULIC CALC. POINT

DESIGN & SYSTEM NOTES:
 ALL PIPING SHALL BE SCHEDULE 40 UNLESS OTHERWISE NOTED.
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REVISIONS:
 NO. DATE DESCRIPTION
 2 5-13-14 NEW H2O INFO
 DATE: APRIL 2, 2014
 DESIGNER: ED POULIN (RMS 515)
 CHECKER: J. L. FOSS
 LOCATION:
 119 EXCHANGE STREET
 PORTLAND, ME
 DRAWING TITLE:
 THE PRESS HOTEL
 1ST & 2ND FLOOR
 (ZONE 1 & 2)
 FIRE PROTECTION PLAN
 (NFPA 13 2010ed.)
 DRAWING NO.:
 FP-02

CPVC CURING TIMES

FOR TFP-400, TFP-500
 WCTAULIC #899 & SPEARS FS-5
 200 PSI (MAXIMUM) TEST PRESSURE

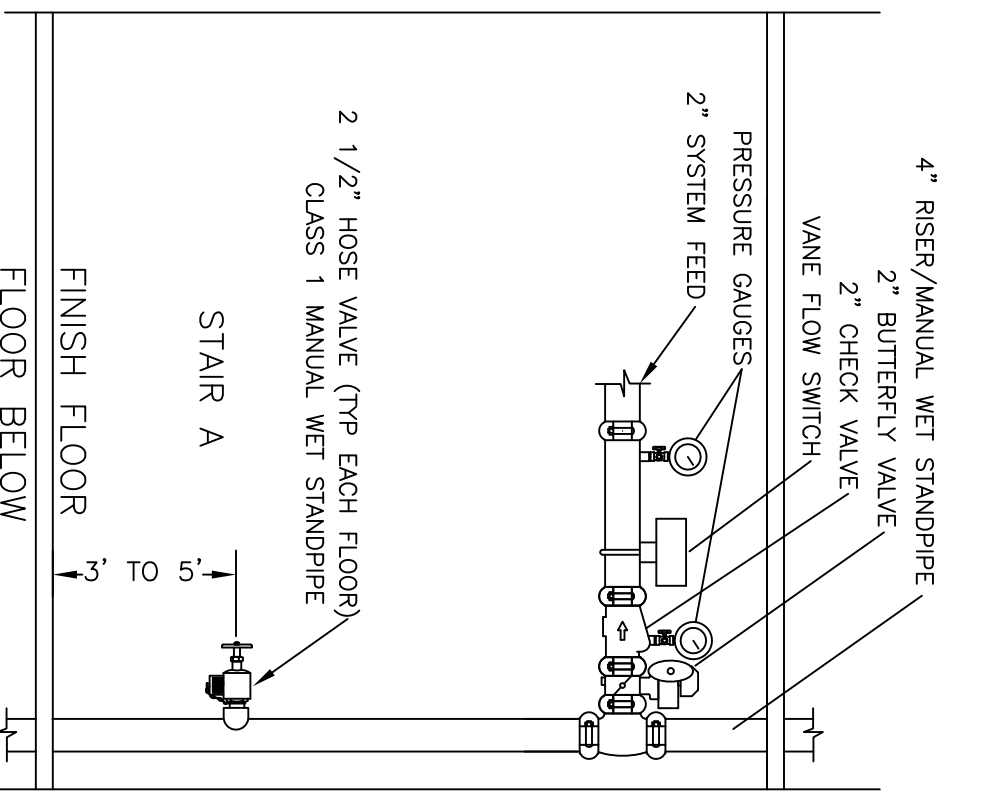
PIPE SIZE (INCHES)	AMBIENT TEMPERATURE DURING CURE PERIOD	TEST PERIOD
1/2"	40-110°F	40-110°F
3/4"	40-110°F	40-110°F
1"	40-110°F	40-110°F
1-1/4"	15 HR.	120 HR.
1-1/2"	15 HR.	120 HR.
2"	36 HR.	36 HR.
2-1/2"	8 HR.	172 HR.
3"	8 HR.	172 HR.

NOTE: FOR THESE SIZES, THE SOLVENT CEMENT CAN BE APPLIED AT TEMPERATURES BELOW 32°F. HOWEVER, THE SPRINKLER SYSTEM ABOVE AND AROUND CURE PERIOD FOR THE ABOVE RECOMMENDATIONS FIRST TO PRESSURE TESTING.

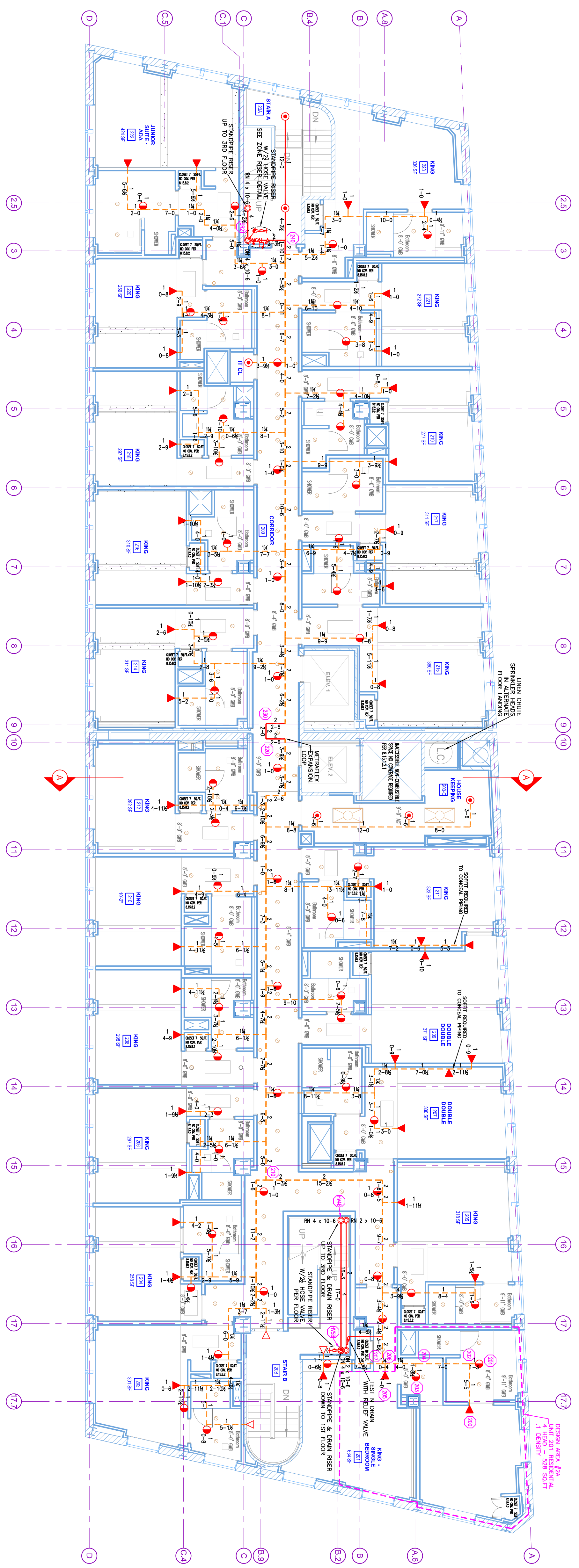
CPVC HANGING NOTES

CPVC MAXIMUM SUPPORT SPACING (FT)

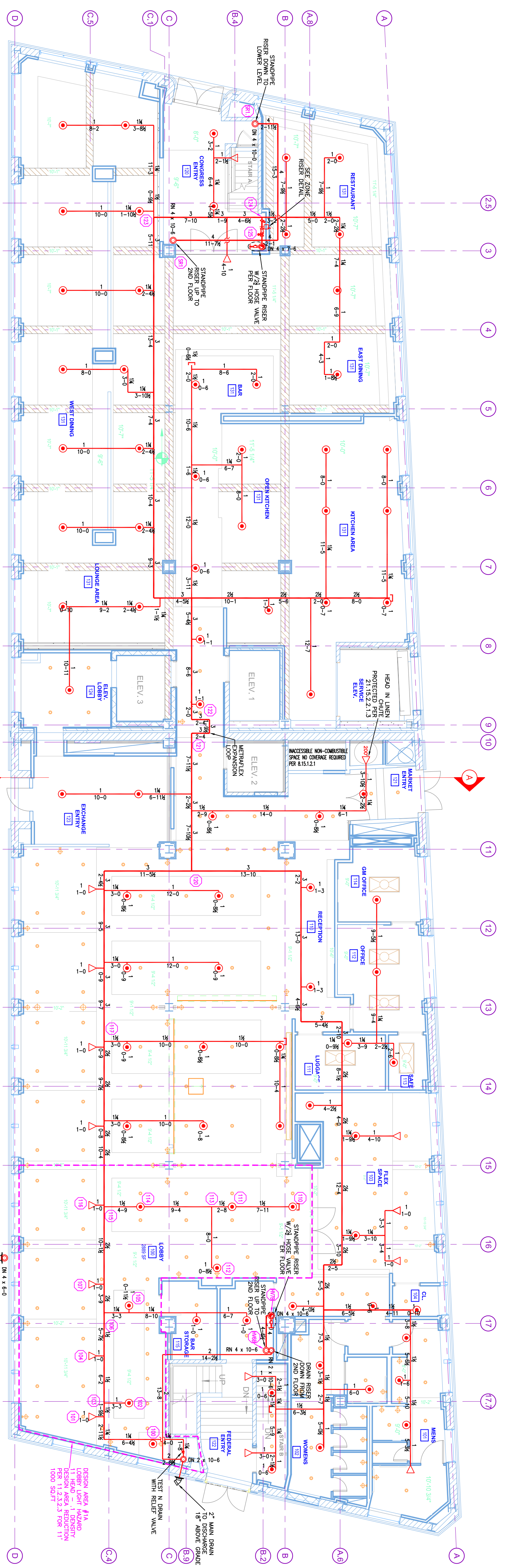
PIPE SIZE	NOMINAL PIPE SIZE	1-1/2"	2"	2-1/2"	3"
HANGER SPACING	5'-7/2"	6'	6'-1/2"	6'	10'



ZD ZONE RISER DETAIL
 SCALE: N.T.S.



DESIGN AREA NUMBER 2A*
 HYDRAULIC DESIGN CRITERIA
 TOTAL PROTECTED AREA: 9,200 SQ.FT.
 AREA OF OPERATION: 528-50 FT.
 DESIGN: 1.5% HOSE DEMAND PER 100 GPM
 HEAD SPRINKLER: 22.5 PSIG, 17' X 14"
 SYSTEM RATED: INSTANTANEOUS 400 GPM
 SYSTEM MAPPING: 22-PSI



DESIGN AREA NUMBER 1A*
 HYDRAULIC DESIGN CRITERIA
 TOTAL PROTECTED AREA: 9,500 SQ.FT.
 AREA OF OPERATION: 528-50 FT.
 DESIGN: 1.5% HOSE DEMAND PER 100 GPM
 HEAD SPRINKLER: 22.5 PSIG, 17' X 14"
 SYSTEM RATED: INSTANTANEOUS 400 GPM
 SYSTEM MAPPING: 22-PSI

SECTION 'A'
 SCALE 3/32" = 1'-0"

