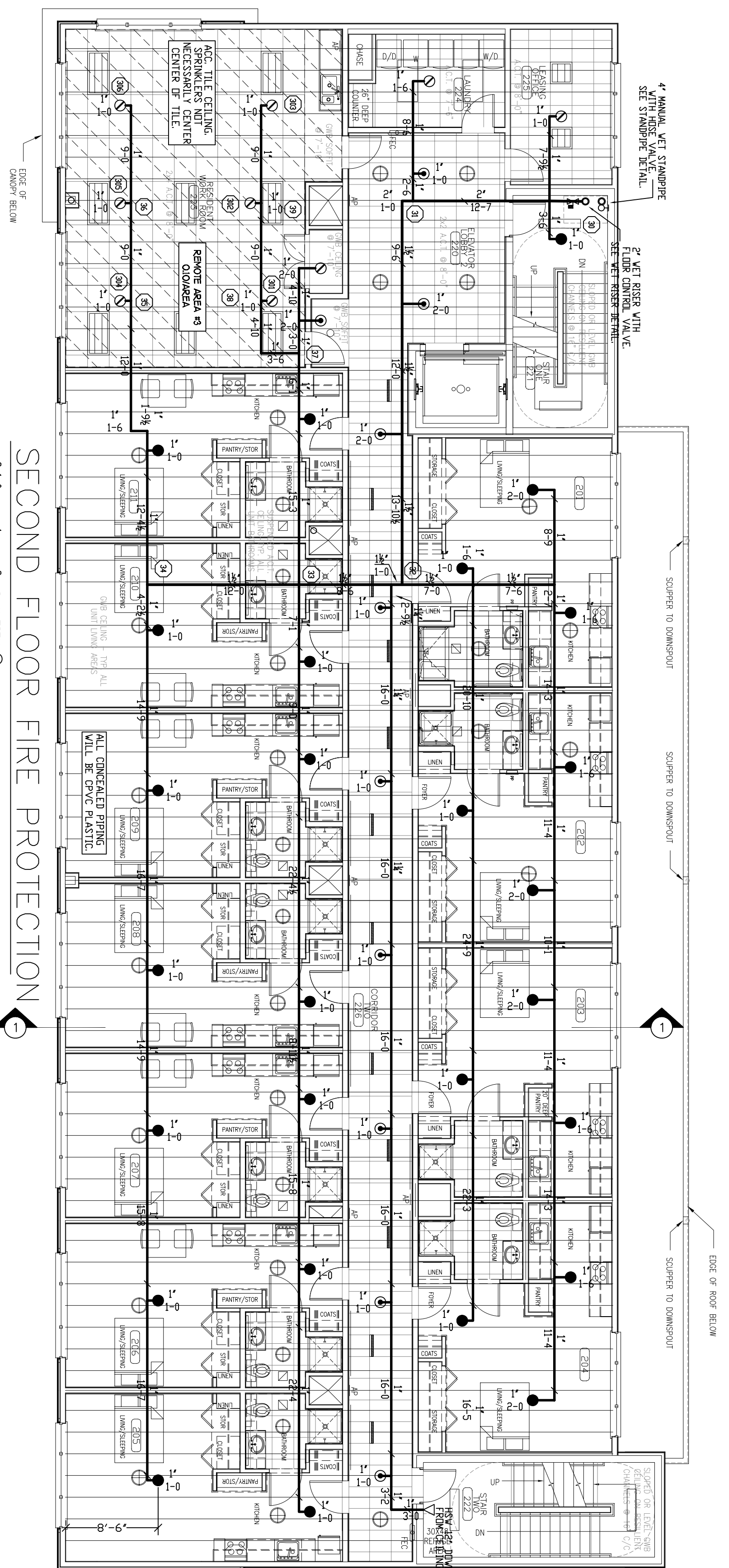
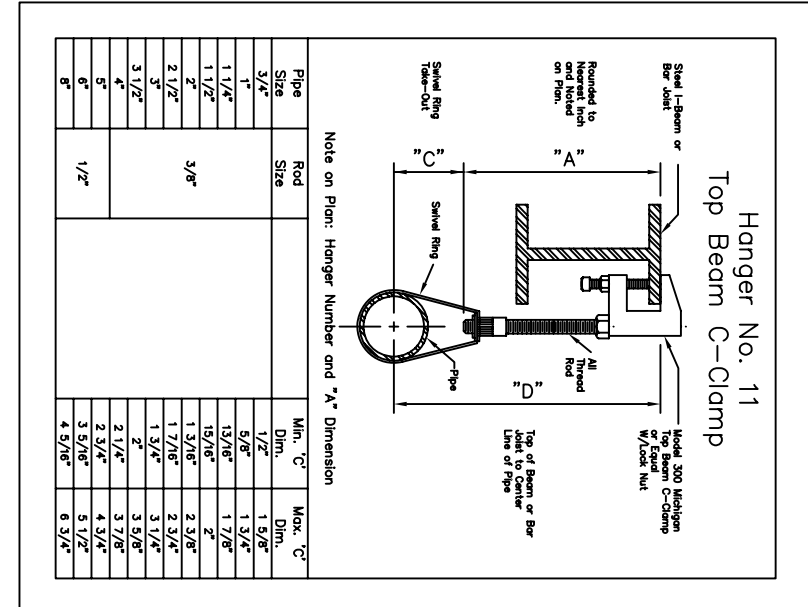
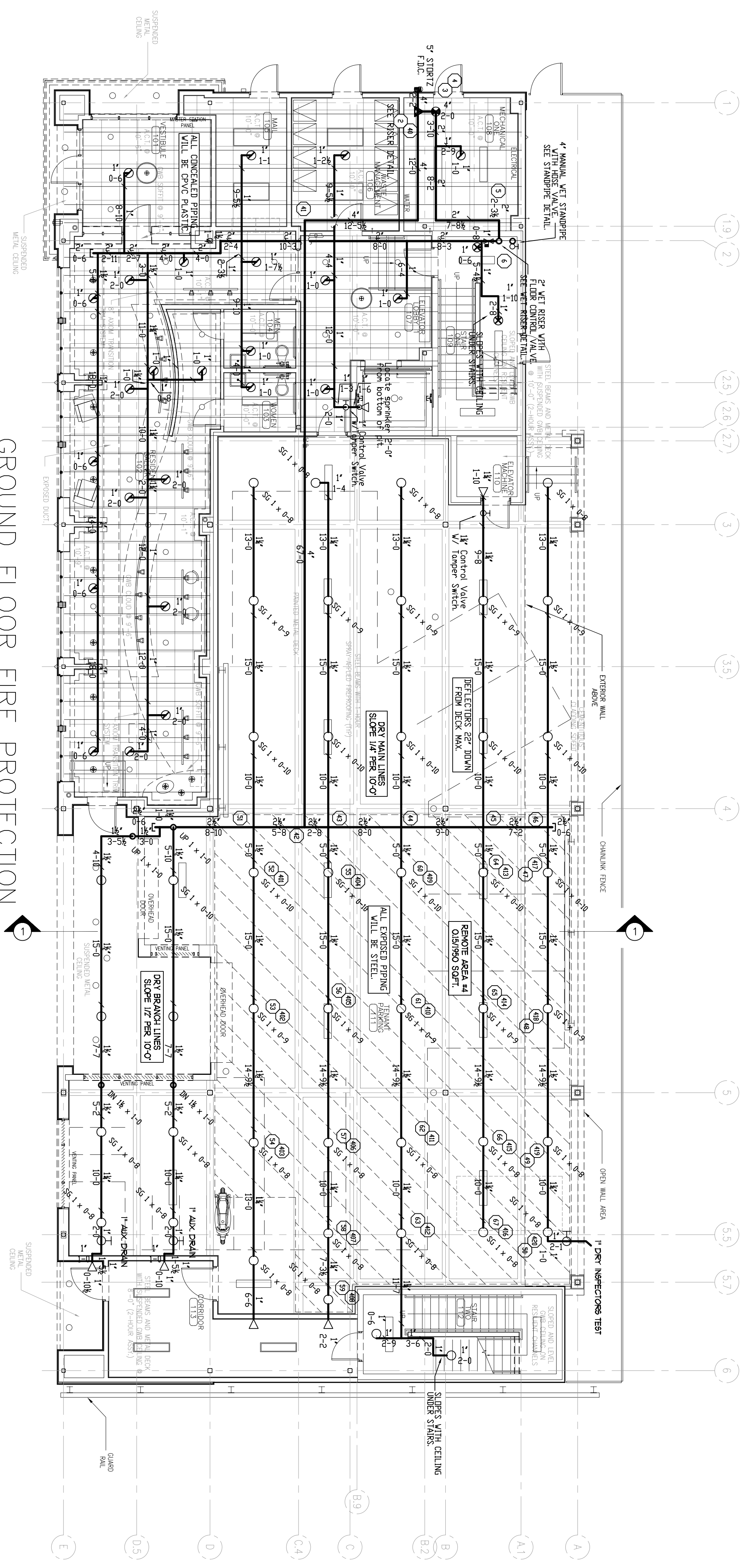


NOTE ON PLAN: 1/2" DIMENSION
 PIPE SIZE 1" THROUGH 4" - ROD SIZE 1/2"
 PIPE SIZE 5" THROUGH 8" - ROD SIZE 1/2"
TYPE #10 HANGER
 NOT SCALE

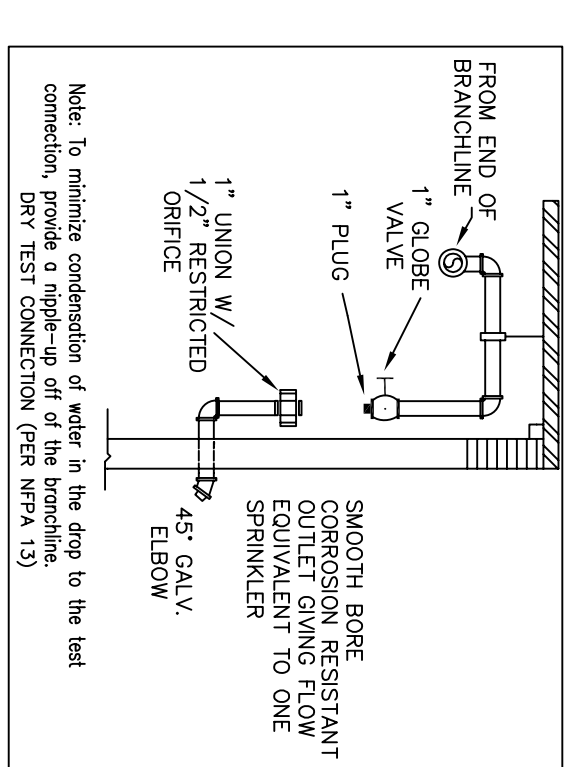
HYDRAULIC DESIGN DATA	
System # & Area	M1 - M3
No. of Sprinklers	6
Density	0.10 GPM
Design Area	6000 AREA
Hose Allowance	100 GPM
Water Flow Rate	94 GPM
Residual Pressure at Base of Riser	58 PSI
St. Base of Riser	7.62 PSI



SECOND FLOOR FIRE PROTECTION
 SCALE 1/4"=1'-0"
 QUANTITY ○ = 10
 QUANTITY ⊙ = 27
 QUANTITY ◊ = 9
 QUANTITY ◑ = 1



GROUND FLOOR FIRE PROTECTION
 SCALE 1/4"=1'-0"
 QUANTITY ○ = 45
 QUANTITY ⊙ = 23
 QUANTITY ◊ = 2
 QUANTITY ◑ = 6



Note: To maintain compliance of type of the pipe to the head
 use the following connection (per NFPA 13)
 DRY TEST CONNECTION (per NFPA 13)

HYDRAULIC DESIGN DATA	
System # & Area	M1 - M4
No. of Sprinklers	20
Density	0.15 GPM
Design Area	1350 SQ.FT.
Hose Allowance	300 GPM
Water Flow Rate	720 GPM
Residual Pressure at Base of Riser	54 PSI
St. Base of Riser	11.59 PSI

REVISIONS									
NO.	DATE	BY	DESCRIPTION	QUANTITY	SYMBOL	QUANTITY	SYMBOL	QUANTITY	SYMBOL
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OAK STREET LOFTS
 72 OAK STREET
 PORTLAND, MAINE 04101

FIRE PROTECTION PLAN

FREEDOM FIRE PROTECTION, INC.
 209 QUAKER RIDGE ROAD
 CASCO, MAINE 04015

JOB No. M0036
 DATE 5/17/11
 DRAWN BY MAN
 SCALE AS NOTED
 SHEET No. FP-20f3