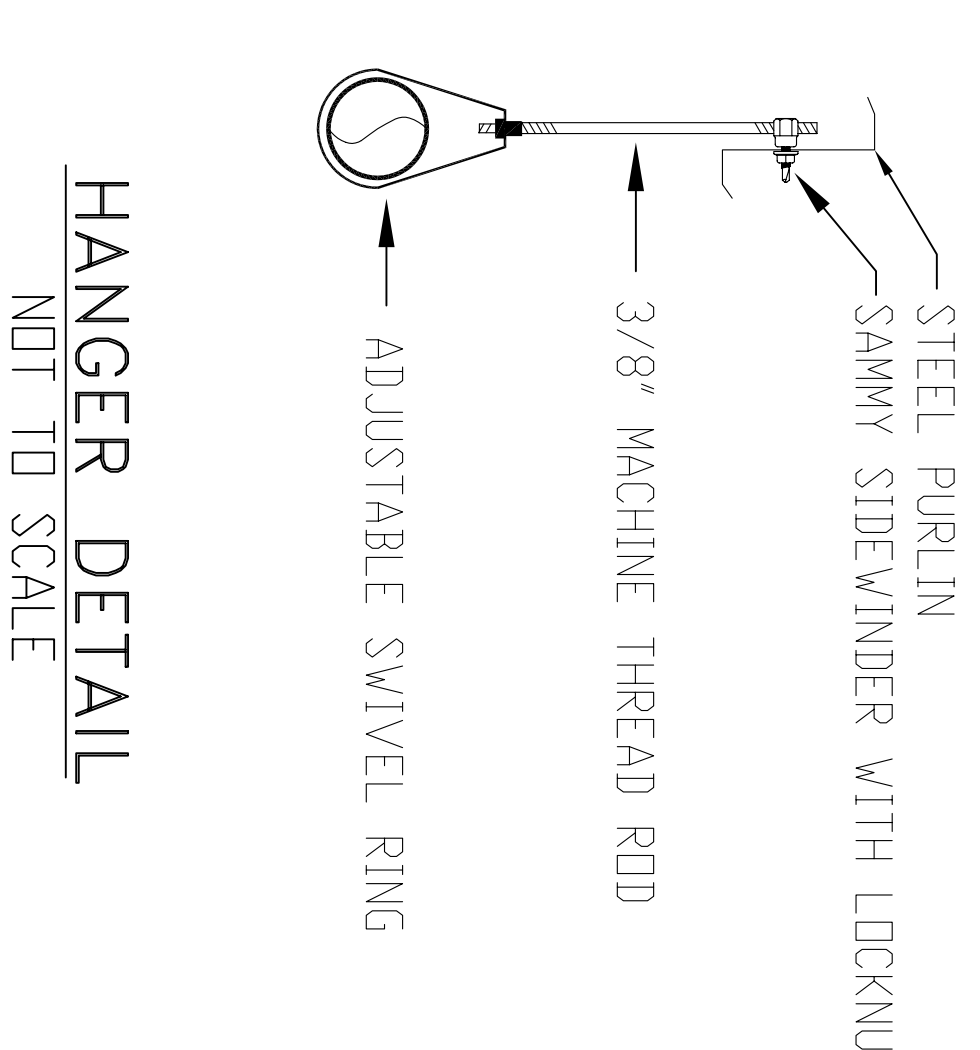


- ① 4" ALARM CHECK VALVE
- ② 4" OSY CONTROL VALVE
- ③ 8" SUPPLY MAIN
- ④ 4" SYSTEM 1 RISER
- ⑤ 2" MAIN DRAIN VALVE
- ⑥ 4" TO CHECK VALVE AND FDC W/BALL DRIP
- ⑦ PRESSURE RELIEF VALVE
- ⑧ PRESSURE SWITCH
- ⑨ ALARM TEST
- ⑩ TO WATER MOTOR GONG
- ⑪ FLOW SWITCH
- ⑫ NEW 4" COLT 200 BACKFLOW
- ⑬ 8" X 4" CONCENTRIC REDUCER

EXISTING RISER DETAIL
NOT TO SCALE

HYDRAULIC DATA:
BASEMENT
 BASIS OF DESIGN (NFPA 13)
 DENSITY AREA OF COVERAGE
 .10 900 SQFT
 TOTAL THREAD TEMP
 SPRINKLERS 7 1/2" 155
 SYSTEM DEMAND AT BASE OF RISER:
 PRESSURE FLOW HOSE
 34.586 283.095
 SAFETY MARGIN: 48.259
 OCCUPANCY: KITCHEN

WATER SUPPLY INFO
 STATIC = 83 PSI
 RESIDUAL = 80 PSI
 FLOW = 1403 GPM
 DATE = 9-11-12
 TYPE = 2 HYDRANT TEST
 SOURCE = PORTLAND WATER DISTRICT



HANGER DETAIL
NOT TO SCALE

- LEGEND**
- ▷ 155°F OR 1/2" WHITE SIDEWALL
 - 155°F 1/2 BRASS PENDENT
 - 155°F 1/2 BRASS UPRIGHT
 - ⊗ 155°F OR 1/2" WHITE RECESSED PENDENT
 - 200°F OR 1/2" BRASS UPRIGHT
 - HANGER
 - RISE OR DROP NIPPLE
 - W/TAUCLIC COUPLING

- FF k=XX FIN FLR TO CENTERLINE OF PIPE
- C k=XX CEILING TO CENTERLINE OF PIPE
- TU k=TOP OF JOIST TO CENTERLINE OF PIPE
- BU k=BOTTOM OF JOIST TO CENTERLINE OF PIPE
- BB k=BOTTOM OF BEAM TO CENTERLINE OF PIPE
- ELEV k=CIVIL ELEVATION OF CENTERLINE OF PIPE

GENERAL NOTES

- ALL DIMENSIONS ARE CENTER TO CENTER U/N
- ALL THREADED PIPE TO BE SCH. 40 BLACK STEEL
- ALL SCREWED FITTINGS TO BE STD. WT. C.I. BLACK U/N
- ALL GROOVED PIPE TO BE SCH 10 BLACK STEEL

⑥7 VIKING VK302
 WHITE OR RECESSED PENDENTS
 1/2"x1/2" K=5.6

SYSTEM DESIGN
 A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS TO BE
 DESIGNED AND INSTALLED PER NFPA 13
 ALL SPRINKLERS TO BE BASED ON LIGHT HAZARD

RESIDENTIAL FIRE
 PHONE: (807) 946-3473 FAX: (807) 946-3474
 64 DAGGETT HILL ROAD GREENE, MAINE 04236
 PROTECTION, LLC

REVISION NUMBER	DATE	SUBMITTED BY	DATE	APPROVED BY	TITLE
1	05-16-13	JAL	05-20-13	JAL	PORTLAND PUBLIC SCHOOLS
2	05-21-13	JAL	05-21-13	JAL	CENTRAL KITCHEN RENOVATION
3	05-21-13	JAL	05-21-13	JAL	92 WALDRON WAY
4	05-21-13	JAL	05-21-13	JAL	PORTLAND, MAINE

SHEET NO. 1 OF 1

SCALE: 1/8" = 1'-0"
 67
 C13012