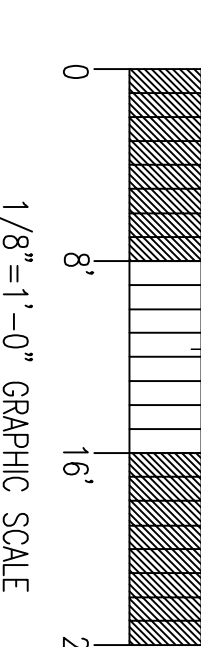


**HYDRAULIC-SYSTEM**  
 THIS BUILDING IS PROTECTED BY A HYDRAULICALLY DESIGNED AUTOMATIC SPRINKLER SYSTEM.  
 (D) STORAGE AREA 'D'  
 LOCATION: ENTRY LEVEL 'D'

**NO. OF SPRINKLERS:** 11  
 (COUNT)  
 BASIS OF DESIGN:  
 1. DESIGN (K<sub>o</sub>/K<sub>o</sub>) .15  
 2. DESIGN AREA OF POSITIVE (sq-ft) 1100  
 SYSTEM DEMAND:  
 1. WATER FLOW RATE (gpm) 378.14  
 2. RESIDUAL PRESSURE AT THE BASE OF THE PUMP (PSI)

**FIRE SPRINKLER PLAN - EVENT FLOOR LEVEL D&C**  
 SCALE: 1/8"=1'-0"  
 AREA PROTECTED: 14,541 SQ-FT  
 FINISH FLOOR ELEVATION: -86'-2 1/2" & 64'-2 1/2" @ LOCKER ROOMS  
 COLOR CODE:  
 PROTECT SPRINKLER AND SPRINKLER HEAD COUNT FOR  
 PHASE II ADDITION & RENOVATION ONLY TO MATCH LINE C-C

Symbol	Count	Head K-Factor	Description	Note	
⊙	46	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	4	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	20	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	1	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	1	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	1	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	21	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	1	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	1	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	10	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	9	1/2"	5.8	EXISTING BRASS UNIFORM	on line
⊙	1	1/2"	5.8	EXISTING BRASS UNIFORM	on line



**GENERAL NOTES**  
 SPRINKLER SYSTEM INSTALLATION TO COMPLY WITH NFPA PARAGRAPH # 13.2010 ED & SPEC SEC 211313 STANDPIPE SYSTEM INSTALLATION TO COMPLY WITH NFPA PARAGRAPH # 14.2010 ED & SPEC SEC 211200 NEW BRANCH LINED UP TO BE ON SCHEDULE 40 NEW MAIN PIPING TO BE SCHEDULE # 10 BLACK WITH MECHANICAL COUPLINGS  
 OWNER TO PROVIDE SUFFICIENT HEAT THROUGHOUT BUILDING (EXCEPT FOR LOADING DOCK, 1207&1300 AND TRASH BAY 1301 PROTECTED IN ANTI-FREEZE TO PREVENT FREEZING OF F.)  
 MATCH LINE C-C  
 MATCH LINE C-C

DATE	REVISIONS	REQUIRED APPROVALS
		OWNER / ARCHITECT STATE FIRE MARSHAL PORTLAND FIRE DEPARTMENT
		DRAWN BY: JWD CHECKED BY: WAF CONTRACTOR LICENSE # 101 CONTRACTOR INS # 368

**C.C.C.C. PHASE II ADDITION & RENOVATION**  
 PORTLAND, MAINE  
 CONTRACT WITH: THE CAMARGO CORP.  
**EASTERN FIRE PROTECTION**  
 AUBURN/LEWISTON INDUSTRIAL AIRPARK, AUBURN, MAINE 04210

