



**HYDRAULIC SYSTEM**

THIS BUILDING IS PROTECTED BY A HYDRAULICALLY DESIGNED AUTOMATIC SPRINKLER SYSTEM (LOADING/TRASH LEVEL, 1301) LOCATION/ENTRY LEVEL, C.

No. OF SPRINKLERS: 13  
 BASIS OF DESIGN:  
 1. DESIGN AREA OF DISCHARGE (FULT)  
 2. RESIDUAL PRESSURE AT THE BASE OF THE PUMP (PSI)

SYSTEM DEMAND:  
 1. WATER FLOW RATE (GPM) 411.31  
 2. RESIDUAL PRESSURE (PSI) 146.55

**HYDRAULIC DATA NAMEPLATE**

TO BE MOUNTED AT SYSTEM RISER

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**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 HEADS TO BE INSTALLED PER SCHEDULE 40 NEW MAIN PIPING TO BE SCHEDULE # 10 BLACK WITH GROUNDED ENDS & WELDED OUTLETS JOINED BY MECHANICAL COUPLINGS

OWNER TO PROVIDE SUFFICIENT HEAT THROUGHOUT BUILDING (EXCEPT FOR LOADING DOCK, 1207&1300 AND TRASH BAY 1301) PROTECTED IN STANDPIPE TO PREVENT FREEZING OF F.W. WATER FILLER SPRINKLER TRAYS AND EQUIPMENT (SCHEDULE 40)

**REVISIONS**

DATE	REVISIONS

**REQUIRED APPROVALS**

OWNER / ARCHITECT  
 STATE FIRE MARSHAL  
 PORTLAND FIRE DEPARTMENT

**C.C.C.C. PHASE II ADDITION & RENOVATION**  
 PORTLAND, MAINE

**EASTERN FIRE PROTECTION**  
 AUBURN / LEWISTON INDUSTRIAL PARK, AUBURN, MAINE 04210

**CONTRACT WITH: THE CAMBER CORP.**

**CONTRACTOR REG. # 368**

**JOB NUMBER: AU-498-12**  
**SCALE: AS NOTED**  
**DATE: 4/29/13**

**SPRINKLER HEAD SCHEDULE**

Symbol	Count	Trade	K-factor	Description	Note
①	28	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 WHITE	on 5/8"
②	2	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 B. UP	on 5/8"
③	50	1/2"	5.8	EXISTING BRASS TRAYHEAD	on 5/8"
④	7	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 BRASS	on 5/8"
⑤	17	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 BRASS	on 5/8"
⑥	22	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 WHITE	on 5/8"
⑦	10	1"	5.8	TRD 1" - RFG 1233 1/2" OR 200 WHITE	on 5/8"
⑧	3	1/2"	5.8	EXISTING HORIZONTAL SIGNAL	on 5/8"
⑨	28	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 BRASS	on 5/8"
⑩	13	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 BRASS	on 5/8"
⑪	18	1/2"	5.8	TRD 1" - RFG 1233 1/2" OR 200 BRASS	on 5/8"

248 = TOTAL NUMBER OF HEADS IN THIS PLAN

