

FIRE SPRINKLER PLAN - CONCOURSE FLOOR LEVEL A, D, & C

SCALE: 1/8"=1'-0"
 AREA PROTECTED: 21,488 SQ.FT.
 FINISH FLOOR ELEVATION: +76'-0"

COLOR CODE:
 ○ 4" 1/2" 5.8
 ○ 4" 1/2" 5.8
 ○ 2" 1/2" 5.8
 ○ 2" 1/2" 5.8

Symbol	Count	Head Schedule	Description	Note
○	63	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow
○	27	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow
○	44	1/2"	5.8	EXISTING SPRINKLER on flow
○	41	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow
○	28	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow

FIRE SPRINKLER PLAN - MID-SUITES FLOOR LEVEL

SCALE: 1/8"=1'-0"
 AREA PROTECTED: 956 SQ.FT.
 FINISH FLOOR ELEVATION: +89'-6"

COLOR CODE:
 ○ 12 = Total Number of Heads This Floor

Symbol	Count	Head Schedule	Description	Note
○	6	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow
○	12	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow

FIRE SPRINKLER PLAN - UPPER-SUITES FLOOR LEVEL

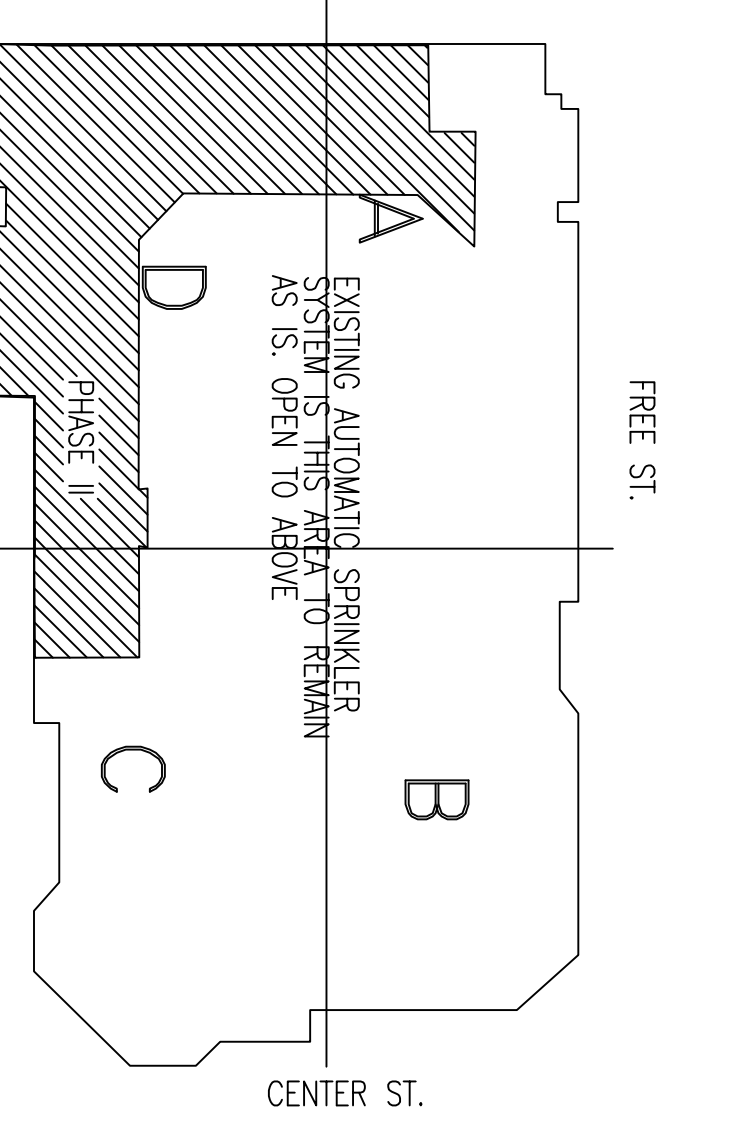
SCALE: 1/8"=1'-0"
 AREA PROTECTED: 956 SQ.FT.
 FINISH FLOOR ELEVATION: +102'-6"

COLOR CODE:
 ○ 12 = Total Number of Heads This Floor

Symbol	Count	Head Schedule	Description	Note
○	6	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow
○	7	1/2"	5.8	TOTAL NET HEAD 12,232 1/2" 5.800 on flow

HYDRAULIC-SYSTEM
 THIS BUILDING IS PROTECTED BY A HYDRAULICALLY DESIGNED AUTOMATIC SPRINKLER SYSTEM (SUITE 4D)
 LOCATION: UPPER LEVEL
 No. OF SPRINKLERS: 12
 BASIS OF DESIGN:
 1. DESIGN AREA OF DISBURSE (WALL)
 2. DESIGN AREA OF DISBURSE (WALL)
 SYSTEM DEMAND:
 1. WATER FLOW RATE (GPM) 382.5
 2. RESIDUAL PRESSURE AT THE BASE OF THE PUMP (PSI) 7.93

HYDRAULIC DATA NAMEPLATE
 TO BE MOUNTED AT SYSTEM RISER



GENERAL NOTES

SPRINKLER SYSTEM INSTALLATION TO COMPLY WITH NFPA PARAGRAPH # 13.2010 ED & SPEC SEC 211313 STANDBY SYSTEM INSTALLATION TO COMPLY WITH NFPA PARAGRAPH # 14.2010 ED & SPEC SEC 211200 NEW BRANCH HEADS TO BE INSTALLED IN ACCORDANCE WITH MECHANICAL CODES AND SPECIFICATIONS. OWNER TO PROVIDE SUFFICIENT HEAT THROUGHOUT BUILDING (EXCEPT FOR LANDING DOCK, 1207K1300 AND TRASH BAY 1301) PROTECTED BY SPRINKLER SYSTEM AND EQUIPMENT (AS F.)

REQUIRED APPROVALS

OWNER / ARCHITECT
 STATE FIRE MARSHAL
 PORTLAND FIRE DEPARTMENT

CONTRACT WITH: THE CAMBORG CORP.

EASTERN FIRE PROTECTION
 AUBURN / LEWISTON / INDUSTRIAL
 AUBURN, MAINE 04270

CONTRACTOR REG # 368

DATE

REVISIONS

DATE

DESIGN BY: JWD GEN # 118893

CHECKED BY: WAF GEN # 095574

CONTRACTOR LICENSE # 101

CONTRACTOR REG # 368

FIRE SPRINKLER PLANS & DETAILS

DWG. NO. 4 OF 5

JOB NUMBER AU-498-12

SCALE AS NOTED

DATE 4/29/13