GENERAL NOTES

ALL WIRING TO BE DONE BY OTHERS

ALTHOUGH NOT SPECIFIED, SOME SPRINKLER HEADS HAVE BEEN SHOWN @ CENTERLINE OF TILE. ACTUAL ORIENTATION OF HEADS WITH RESPECT TO CEILING COMPONETS WILL VARY ACCORDING TO FIELD CONDITIONS.

SPRINKLER SYSTEM INSTALLATION TO COMPLY WITH NFPA PHAMPLET # 13.

ALL DIMENSIONS ARE SHOWN FOR GENERAL LOCATION OF SPRINKLER HEADS ; PIPING MAY VARY TO SUIT ACTUAL FIELD CONDITIONS.

ACCOUSTICAL CEILING TILE (ACT) TO BE LISTED NON-COMBUSTIBLE WITH UL FLAME SPREAD OF LESS THAN 25.

OCCUPANCY DESCRIPTION AND CLASSIFICATION:
GENERAL OFFICES
LIGHT HAZARD

⬡ = INDICATES HYDRAULIC REFERENCE POINTS.

F.F. ℄ INDICATES FINISH FLOOR UP TO CENTERLINE OF PIPE.

EXTENT OF WORK IN THIS CONTRACT IS ALL PIPING AS SHOWN TO PROTECT THE SECOND FLOOR ONLY

HYDRAULIC-SYSTEM

THIS BUILDING IS PROTECTED BY A HYDRAULICALLY DESIGNED AUTOMATIC SPRINKLER SYSTEM.

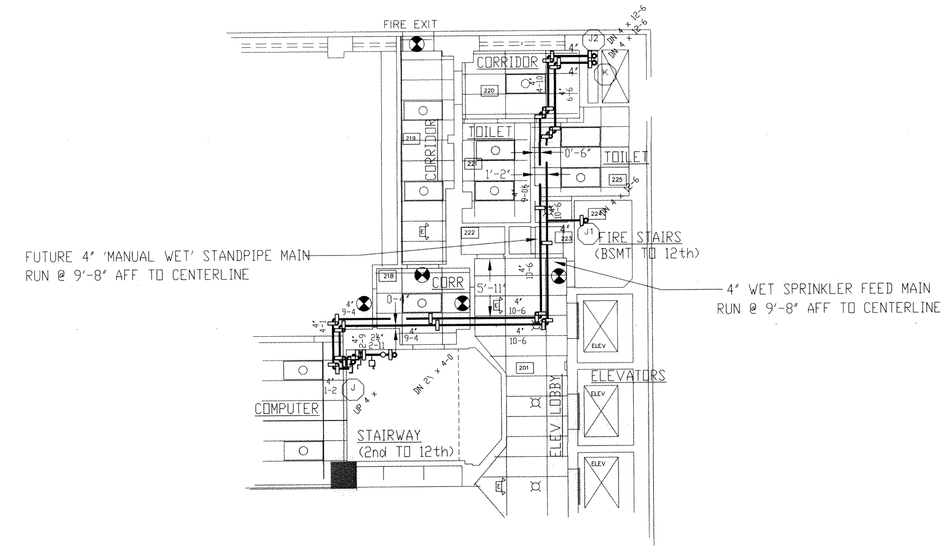
LOCATION: SECOND FLOOR

No. OF SPRINKLERS: (CALCULATED)	10
BASIS OF DESIGN:	
1. DENSITY (GPM/SQFT.)	.1
2. DESIGNED AREA OF DISCHARGE (sq.ft.)	1500
SYSTEM DEMAND:	
1. WATER FLOW RATE (GPM)	228
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER (PSI)	66.2

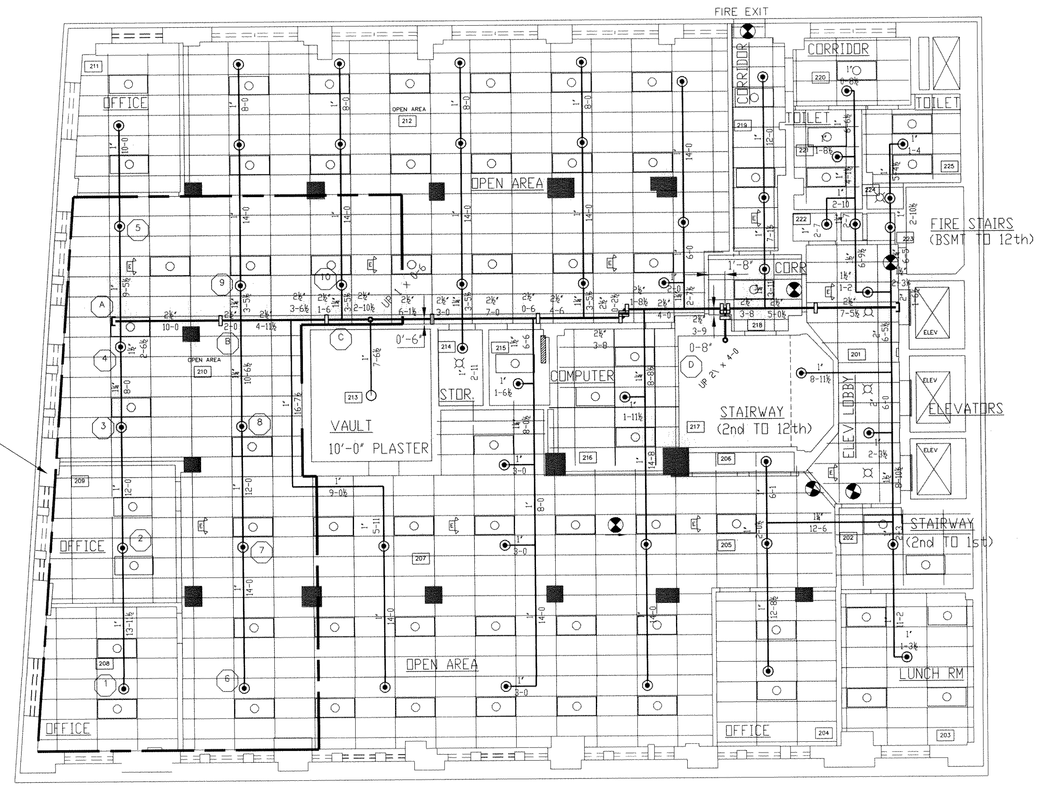
HYDRAULIC DATA NAMEPLATE
TO BE MOUNTED AT SYSTEM RISER

HYDRAULICALLY MOST REMOTE AREA
(LIGHT HAZARD .1 GPM / 1500 Sq. Ft.)

ELEV OF SPKS = 140'-0" SECOND FLOOR

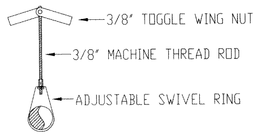


PARTIAL SECOND FLOOR PIPING
SCALE: 1/8"=1'-0"



ALL CEILINGS TO BE ACOUSTICAL TILE @ 7'-10" AFF
UNO ALL PIPING THIS PLAN RUN @ 8'-6" AFF

FIRE SPRINKLER PLAN - SECOND FLOOR
SCALE: 1/8"=1'
AREA PROTECTED: 7,000 SQ.FT.
FINISH FLOOR ELEVATION: 130'-0"



HANGER # 15I
FOR TERRA-COTTA STRUCTURE

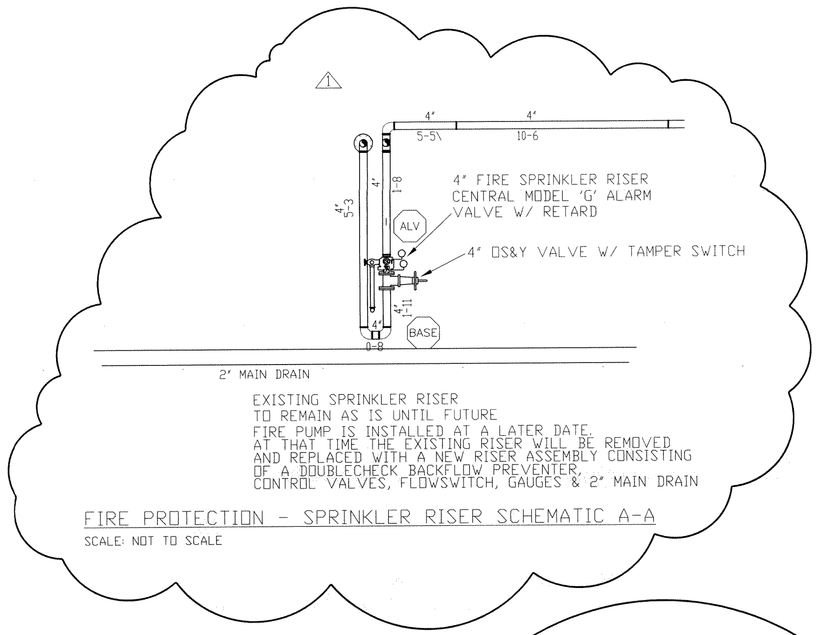
NOTE:
ALL HANGERS TO BE PROVIDED AND INSTALLED AS PER NFPA # 13

155° / 52
1/2"-K=5.6
RECESSED CHROME PENDENT

155° / 1
1/2"-K=5.6
BRASS UPRIGHT

ALL SPRINKLERS TO BE CENTRAL MODEL 'GB'

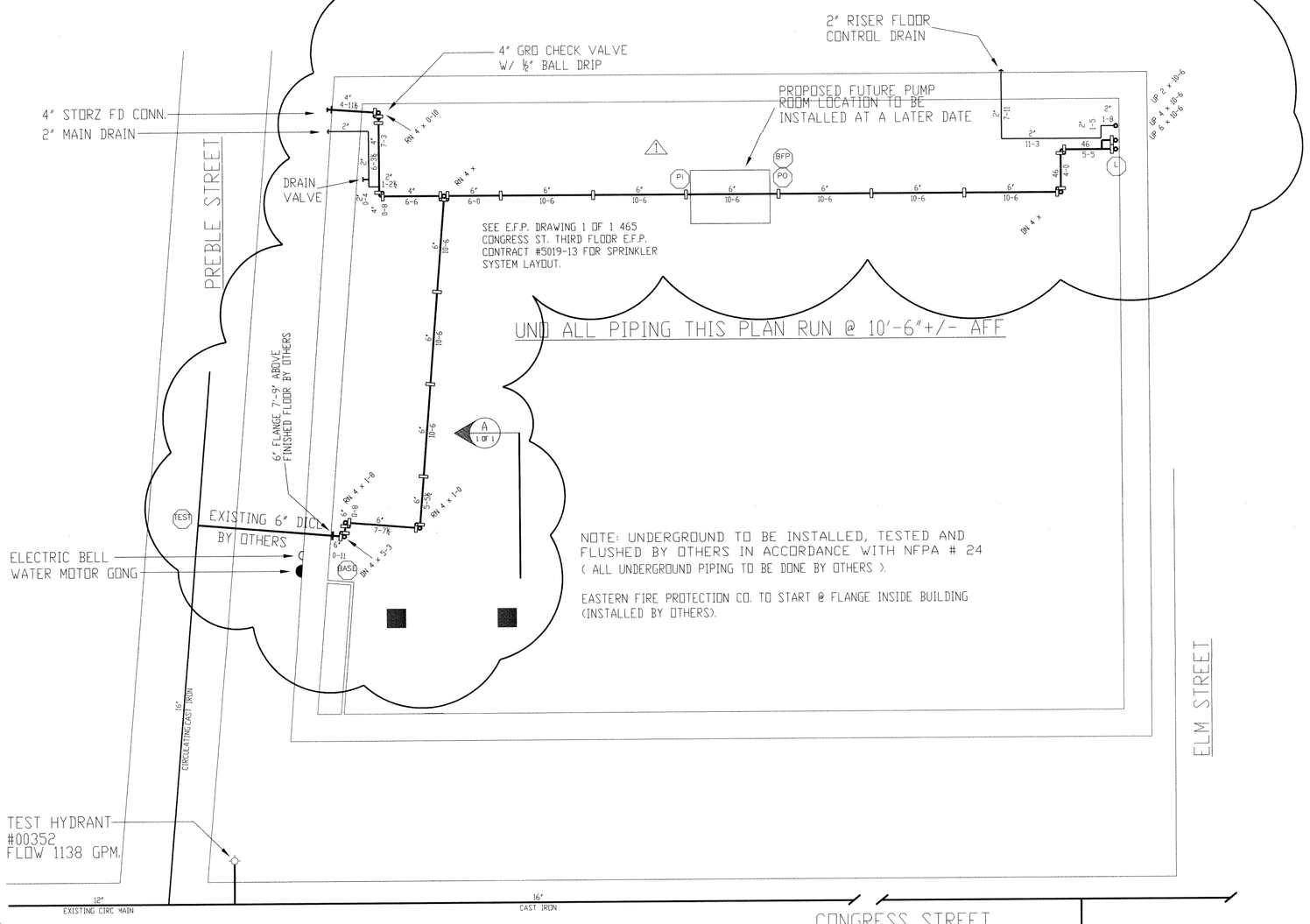
"REFERENCE PLAN ONLY"
4/16/13



EXISTING SPRINKLER RISER TO REMAIN AS IS UNTIL FUTURE FIRE PUMP IS INSTALLED AT A LATER DATE. AT THAT TIME THE EXISTING RISER WILL BE REMOVED AND REPLACED WITH A NEW RISER ASSEMBLY CONSISTING OF A DOUBLECHECK BACKFLOW PREVENTER, CONTROL VALVES, FLOWSWITCH, GAUGES & 2" MAIN DRAIN

FIRE PROTECTION - SPRINKLER RISER SCHEMATIC A-A
SCALE: NOT TO SCALE

0 1' 2' 3'
0 8' 16' 24'
1/8"=1'-0" GRAPHIC SCALE



UNO ALL PIPING THIS PLAN RUN @ 10'-6"+/- AFF

NOTE: UNDERGROUND TO BE INSTALLED, TESTED AND FLUSHED BY OTHERS IN ACCORDANCE WITH NFPA # 24 (ALL UNDERGROUND PIPING TO BE DONE BY OTHERS).

EASTERN FIRE PROTECTION CO. TO START @ FLANGE INSIDE BUILDING (INSTALLED BY OTHERS).

WATER DATA

STATIC:	78 PSI
RESIDUAL:	74 PSI
FLOW:	1138 GPM
ELEVATION:	100'-0"
DATE:	9/13/11

INFOMATION PROVIDED BY PORTLAND WATER DISTRICT

FIRE SPRINKLER PLAN - BASEMENT FLOOR
SCALE: 1/8"=1'
AREA PROTECTED: 7,000 SQ.FT.
FINISH FLOOR ELEVATION: 90'-0"

GENERAL NOTES	DATE	REVISIONS	REQUIRED APPROVALS
BRANCH LINE PIPING TO BE THREADABLE LIGHTWALL 'TL' BLACK PIPE JOINED BY THREADED DUCTILE IRON FITTINGS	4/16/13	PLAN REVISED TO INDICATE FUTURE FIRE PUMP LOCATION	OWNER / ARCHITECT
MAIN PIPING TO BE SCHEDULE # 10 BLACK WITH GROOVED ENDS & WELDED OUTLETS JOINED BY MECHANICAL COUPLINGS	⚠	AND REVISED WATER DATA	STATE FIRE MARSHAL
SPRINKLER SYSTEM INSTALLATION TO COMPLY WITH NFPA PHAMPLET # 13			PORTLAND FIRE DEPARTMENT
OWNER TO PROVIDE SUFFICIENT HEAT THROUGHOUT BUILDING TO PREVENT FREEZING OF WATER FILLED SPRINKLER PIPING AND EQUIPMENT.			OWNER'S INSURANCE CO.
			DRAWN BY PHILIP RIOUX NICET LEVEL III CERT.# 067044
			CHECKED BY RCB NICET LEVEL III CERT.# 069681
			CONTRACTOR LICENSE # 101
			CONTRACTOR RMS # 097

MAINE BANK AND TRUST
465 CONGRESS AVENUE
PORTLAND, MAINE

CONTRACT WITH: BOULOS PROPERTY MANAGEMENT

EASTERN FIRE PROTECTION
AUBURN/LEWISTON INDUSTRIAL AIRPARK, AUBURN, MAINE 04210

FIRE SPRINKLER PLANS & DETAILS	
DWG. NO.	1 OF 1
JOB NUMBER	E-2156-95
SCALE	AS NOTED
DATE	10/2/95