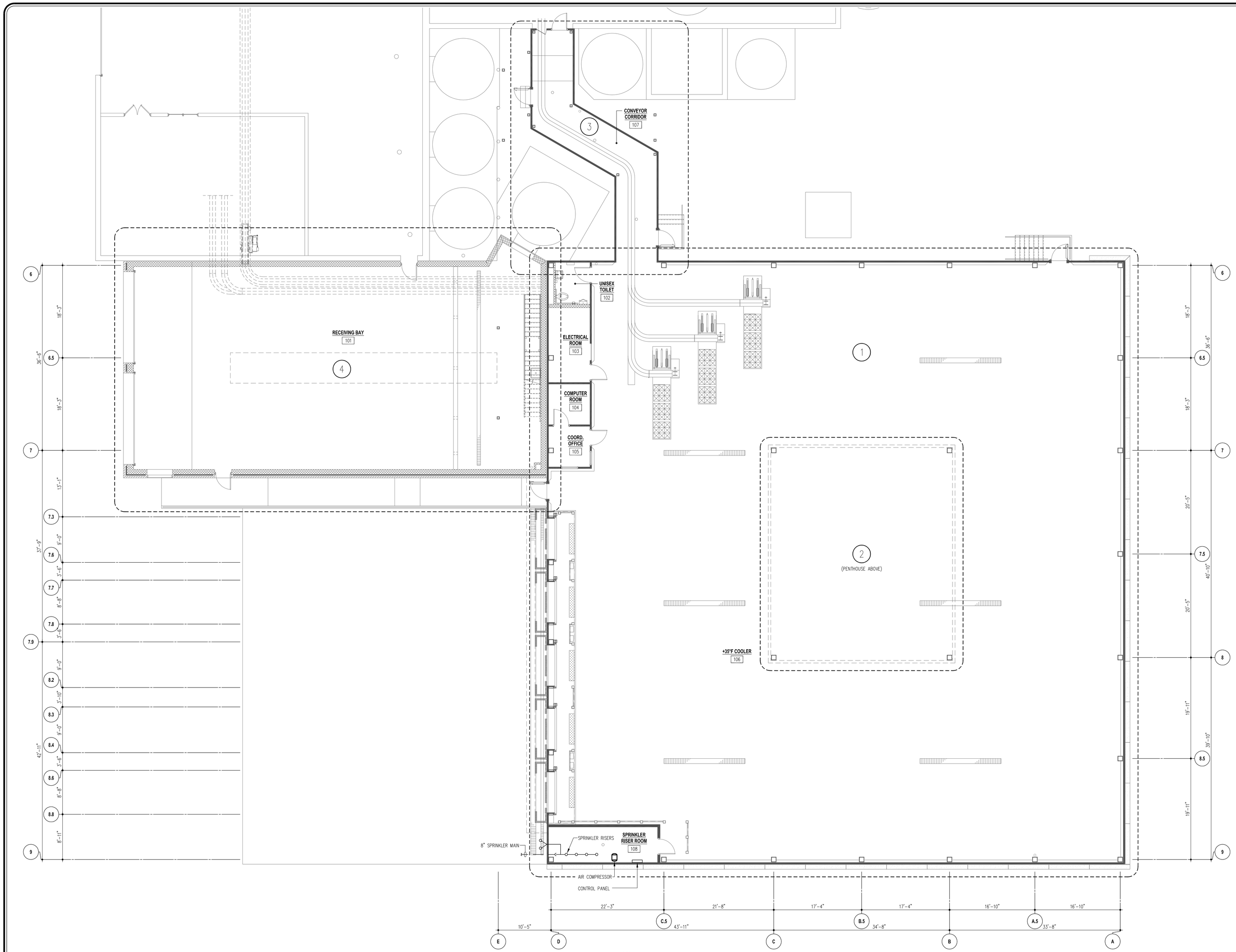
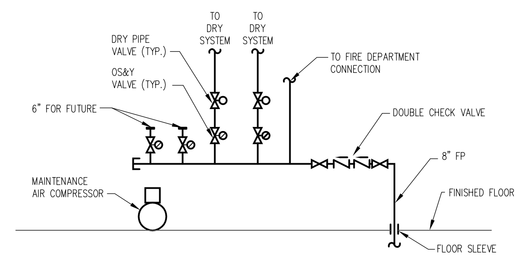


FIRE SUPPRESSION PLAN

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

PLAN NORTH

PLAN NOTES:
1. ALL MAIN PIPING EXPOSED IN THE COOLER BETWEEN THE RECEIVING BY AND THE RISER SHALL BE HEAT TRACED AND INSULATED.



BASIC SPRINKLER RISER DIAGRAM

NOTES:
1. NUMBER OF RISERS AS REQUIRED BY SPRINKLER DESIGN.

SYMBOLS LEGEND

- BALL VALVE
- SUPERVISED VALVE
- OS&Y VALVE
- CHECK VALVE
- ALARM CHECK VALVE
- DRY PIPE VALVE
- DOUBLE INTERLOCK PREACTION SYSTEM VALVE ASSEMBLY
- FIRE DEPARTMENT CONNECTION
- WATER METER

FIRE SUPPRESSION SYSTEM SCHEDULE

LOCATION	AREA 1	AREA 2,3,4
NFPA CODES	13	13
HAZARD	ORDINARY HAZ. 2	ORDINARY HAZ. 1
COMMODITY CLASSIFICATION	III	N/A
ENCAPSULATED	NO	NO
STORAGE HEIGHT	12'	N/A
STORAGE METHOD	FLOOR STACKED	NONE
TYPE OF RACK STORAGE	N/A	N/A
CLEARANCE FROM TOP OF STORAGE TO CEILING	VARIES	N/A
SYSTEM TYPE	DRY	DRY
INSIDE HOSE ALLOWANCE (GPM)	100	100
OUTSIDE HOSE ALLOWANCE (GPM)	400	400
AREA OF SPRINKLER OPERATION (SQ. FT.)	2600	2600
DENSITY (GPM/SQ. FT.)	.25	.15
MAXIMUM AREA PER SPRINKLER (SQ. FT.)	100	100
SPRINKLER TEMP. RATING °F	165	165
WATER SUPPLY DURATION (MINS.)	90	90

WATER FLOW TEST DATA

STATIC PRESSURE: 90 PSIG

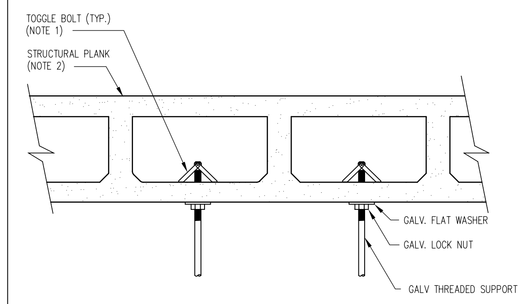
RESIDUAL PRESSURE: 84 PSIG W/ 1138 GPM FLOWING (ADJUSTED)

DATE: 5/2001

LOCATION: FALMOUTH STREET HYDRANT #1110

MUNICIPALITY: PORTLAND WATER DISTRICT

POINT OF CONTACT: DAVE COFFIN



NOTES:
1. SUPPORT BOLT MUST BE LOCATED IN CENTE RIN PLANK CORES.
2. ACTUAL PLANK INSTALLED MAY DIFFER FROM THAT SHOWN. CONTRACTOR MUST VERIFY PLANK STYLE AND TYPE PRIOR TO INSTALLING SUPPORTS.

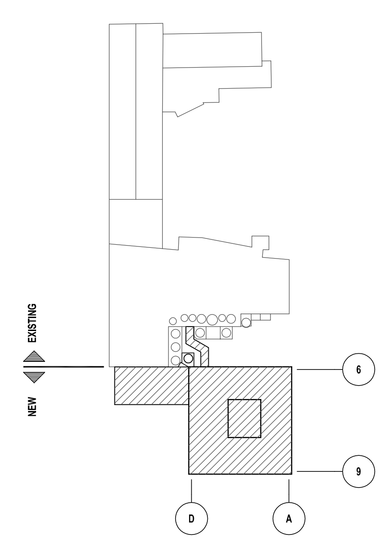
PIPE SUPPORT FROM PLANK CONSTRUCTION

DETAIL N.T.S. (A / FP100)

NOTES:
1. PENETRATION AND PIPE INSULATION BY CONTRACTOR INSTALLING PIPE.
2. FOAMING AND SEALING TO PROVDE VAPOR BARRIER CONTINUITY OF PANEL BY CONTRACTOR INSTALLING INSULATED PANELS.
3. TRIM METAL SKIN OF PANEL TO 1" LARGER THAN PIPE DIAMETER.

NON-INSULATED PIPE PENETRATION

DETAIL N.T.S. (B / FP100)



PLAN NORTH

KEY PLAN

N.T.S.

FACILITIES DESIGN

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PROJECT MANAGER: M.S.M.
DESIGNED BY: G.S.T.
DRAWN BY: G.L.B.
CHECKED BY: G.S.T.
SEAL:

PROJECT:

NEW MILK COOLER

Oakhurst DAIRY

364 FORREST AVENUE
PORTLAND, MAINE 04101

PROJECT NUMBER: **0167.00**

DATE: **MARCH 1, 2004**

DRAWING TITLE:

OVERALL FIRE SUPPRESSION PLAN

DRAWING NUMBER: **FP100**

REVISION: **0**

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