Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BU[illegible]TION

PERMIT

Please Read Application And Notes, If Any, Attached

PERMIT ISSUED
Permit Number: 100461
MAY 2 4 2010
CITY OF PORTLAND

This is to certify that WOODWORKING & CABINE[illegible]Y LLC [illegible] / Grinnell

has permission to install a water-based fire suppre[illegible]n syste[illegible]

AT 225 INDUSTRIAL WAY CB[illegible]329 A007001

provided that the person or persons, fi[illegible] or co[illegible]n ac[illegible]ting this permit shall comply with all of the provisions of the Statutes of Ma[illegible]e and of the C[illegible]ces of the City of Portland regulating the construction, maintenance and use[illegible] buildings and stru[illegible]res, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Noti[illegible]tion of [illegible]spectio[illegible]nust be give[illegible]d writte[illegible]ermissio[illegible]rocured befo[illegible]his bui[illegible]g or pa[illegible]ereof is lath[illegible]or oth[illegible]ed-in. 24 HOU[illegible]NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. CAPT. R. Gauthier

Health Dept. _____

Appeal Board _____

Other _____
Department Name

_____
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Issue Date:	CBL:
10-0461		329 A007001

Location of Construction:	Owner Name:	Owner Address:	Phone:
225 INDUSTRIAL WAY	WOODWORKING & CABINETR	40 PORTLAND PIER # 11	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Simplex / Grinnell	20 Thomas Drive Westbrook	2078426440
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Fire Suppression System	I-M

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Commercial Legal use: Light Manufacturing	Commercial - install a water-based fire suppression system	$320.00	$30,000.00	5

FIRE DEPT: ☑ Approved ☐ Denied
* See Conditions
Signature: (KG)

INSPECTION:
Use Group: U Type: Fire Suppr.
NFPA
Signature:

Proposed Project Description:
install a water-based fire suppression system

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)
Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied
Signature: Date:

Permit Taken By:	Date Applied For:
ldobson	~~05/03/2010~~ 4/30/10

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
☐ Shoreland	☐ Variance	☑ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☐ Does Not Require Review
☐ Flood Zone	☐ Conditional Use	☐ Requires Review
☐ Subdivision	☐ Interpretation	☐ Approved
☐ Site Plan	☐ Approved	☐ Approved w/Conditions
Maj ☑ Minor ☐ MM ☐	☐ Denied	☐ Denied
Date: 5/5/10	Date:	Date:

PERMIT ISSUED
MAY 24 2010
CITY OF PORTLAND

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | DATE | PHONE

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Date Applied For:	CBL:
10-0461	04/30/2010	329 A007001

Location of Construction:	Owner Name:	Owner Address:	Phone:
225 INDUSTRIAL WAY	WOODWORKING & CABINETR	40 PORTLAND PIER # 11	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Simplex / Grinnell	20 Thomas Drive Westbrook	(207) 842-6440
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	
		Fire Suppression System	

Proposed Use:	Proposed Project Description:
Commercial -light manufacturing - install a water-based fire suppression system	install a water-based fire suppression system

Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 05/05/2010
Note: **Ok to Issue:** ✔

Dept: Building **Status:** Approved **Reviewer:** Tammy Munson **Approval Date:** 05/20/2010
Note: **Ok to Issue:** ✔

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Capt Keith Gautreau **Approval Date:** 05/11/2010
Note: **Ok to Issue:** ✔

1) The Fire Department will require knox locking caps on all Fire Department Connections on the exterior of the building.
2) Sprinkler protection shall be maintained.
   Where the system is to be shut down for maintenance or repair, the system shall be checked at the end of each day to insure the system has been placed back in service.
3) The Fire alarm and Sprinkler systems shall be reviewed by a licensed contractor[s] for code compliance.
   Compliance letters are required.
4) The sprinkler system shall be installed in accordance with NFPA 13.
5) Application requires State Fire Marshal approval.
6) Fire department connection type and location shall be approved in writing by fire prevention bureau.
7) System aceeptance and commissioning must be co-ordinated with alarm and suppression system contractors and the Fire Department. Call 874-8703 to schedule.

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months, if the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue with construction.**

___X___ **Final inspection required at by the fire department upon completion of work.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

CITY OF PORTLAND, MAINE
Department of Building Inspections

Original Receipt

5.3 20 10

Received from Jennifer Dorr.

Location of Work 225 Industrial

Cost of Construction $_____ Building Fee:_____

Permit Fee $_____ Site Fee:_____

Certificate of Occupancy Fee:_____

Total: 320

Building (IL)___ Plumbing (I5)___ Electrical (I2)___ Site Plan (U2)___

Other: FIRE

CBL: 225 A-7

Check #: CC **Total Collected $** 320

No work is to be started until permit issued.
Please keep original receipt for your records.

Taken by: S.L.L

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy

Water-Based Fire Suppression System Permit

If you or the property owner owes real estate or property taxes or user charges on any property within the city, payment arrangements must be made before permits of any kind are accepted.

Installation address: 225 INDUSTRIAL WAY CBL: 329-A-7

Exact location: (within structure) NEW ADDITION ONLY

Type of occupancy(s) (NFPA & ICC): WOOD WORKING / RETAIL

Building owner: WALT DEKKO

Managing Supervisor (RMS): TOD PRAY License No: 389

Supervisor phone: 842-6440 E-mail: PDOUGHTY@SIMPLEXGRINNELL.COM

Installing contractor: SIMPLEXGRINNELL License No: 398

Contractor phone: _____ E-mail: SAME AS ABOVE

The suppression work to be done will be: New: (✓) Renovation: ( ) Addition to existing system: ( )

This is an amendment to an existing permit: Yes: ( ) NO (✓) Permit no: _____

NFPA Standard this system is designed to: 13 Edition: 2007

*Non-NFPA systems are not approved for use within the City of Portland.

Download a new copy of this document from www.portlandmaine.gov/fire for every submittal. Attach all working documents and complete approved submittals as may be required by the State Fire Marshal's Office on electronic PDF's in addition to full sized plans.

Contractor shall verify location and type of all FDCs shall be approved in writing by the Fire Prevention Bureau.

COST OF WORK: 30,000.00

PERMIT FEE: 330.00

($10 PER $1,000 + $30 FOR THE FIRST $1,000)

RECEIVED

APR 30 2010

Dept. of Building Inspections
City of Portland Maine

Submit all information to the Building Inspections Department, 389 Congress Street, Room 315, Portland, Maine 04101.

Prior to acceptance of any fire protection system, a complete commissioning and acceptance test must be coordinated with all fire system contractors and the Fire Department, and proper documentation of such test(s) provided.

All installation(s) must comply with NFPA and the Fire Department Technical Standard(s).

Applicant signature: Tod Pray Date: 4/29/10

State of Maine

Department of Public Safety

Fire Sprinkler System Permit

8379

Dekko LLC

Located at: 225 Industrial Way
In the Town of: Portland
Occupancy/Use: Wood working/ Retail
Type of System: NFPA 13

Permission is hereby given to:

Simplex Grinnell
20 Thomas Drive
Westbrook, ME 04092
Contractor License # 398

according to plans submittal filed with the Licensing and Inspections Unit and are now approved.
This application form/plans are filed under log # **2081449** , and no departure from application form/plans shall be made without prior approval in writing. This permit is issued under the provisions of Title 32, Chapter 20, Section 12004-I. Nothing herein shall excuse the holder of this permit for failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions. Each permit issued shall be displayed/available at the site of construction.

This permit was issued on **11/6/2008** for a fee paid of **$100.00**
This permit will expire at midnight on *Tuesday, May 05, 2009*

Anne H. Jordan
Commissioner

Fire Department Connection Location/Type per Local Fire Department

Within 30 days of the completion of a new fire sprinkler system or an addition to an existing fire sprinkler system, a fire sprinkler system contractor shall provide to the Licensing and Inspections Unit a copy of this permit signed and dated by the certified responsible managing supervisor representing that the fire sprinkler system has been installed according to specifications of the approved plan to the best of the supervisor's knowledge, information, and belief. This requirement is part of the sprinkler law, and neglect of this duty is grounds to not renew the contractor's license to do work in the State of Maine. All sprinkler licenses expire June 30th every year.

Job completed, tested and verified on date of 4/13/09

RMS for this job: Pray Tod P.

RMS Signature: Tod P Pray

SimplexGrinnell BE SAFE.
A Tyco International Company

SimplexGrinnell LP
20 Thomas Drive
Westbrook, ME 04092

P: 207-842-6440
F: 207-482-2358
www.simplexgrinnell.com

Date: 4/23/10

To: Capt. Keith Gaudreau
Portland Fire Deptartment

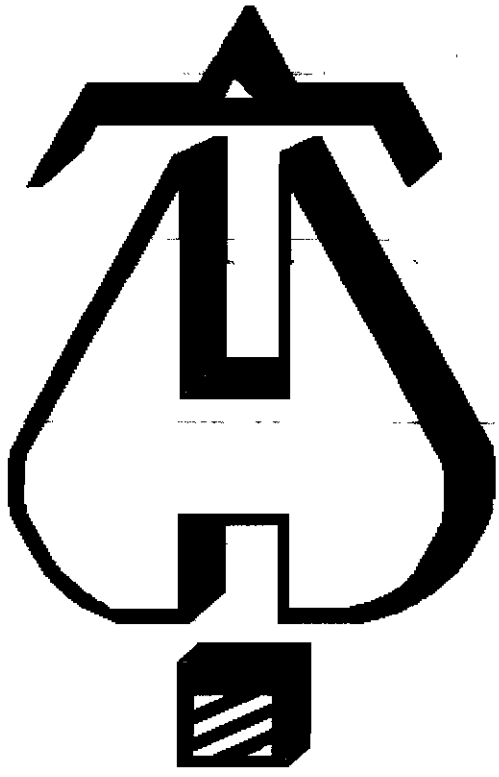
Re: 225 Industrial Way
Portland, Me.04101

Compliance Letter

The dry type sprinkler system at 225 Industrial Way, Portland Maine was designed, installed and tested in accordance with NFPA 13, 2007 edition. We received approval from the "Office of State Fire Marshal" and they issued the permit on 11/6/2008 (Permit #8379).

Regards,

Tod Pray
Designer/NICET III
District 147



. . . Fire Protection by Computer Design

Simplex Grinnell
Col. Westbrook Exec. Park
20 Thomas Drive
Westbrook, Me. 04092
207-842-6440

Job Name	:	DEKKO, LLC
Building	:	METAL BUTLER BLDG
Location	:	SPACE #3
System	:	DRY
Contract	:	939361501
Data File	:	DEKKO LLC- DRY-GROUP II.WXF

Hydraulic Design Information Sheet

Name - DEKKO LLC
Location - SPACE #3
Building - METAL BUTLER BLDG
Contractor - SIMPLEXGRINNELL LP
Calculated By - T. PRAY
Construction: ( ) Combustible (X) Non-Combustible
Occupancy - MISC. ORDINARY GROUP II USAGE (WOOD SHOP/RETAIL)

Date - 10/23/08
System No. - DRY
Contract No. - 939361501
Drawing No. - 1 OF 1
Ceiling Height - VARIES

SYSTEM DESIGN

(XX) NFPA 13 ( ) Lt. Haz. Ord.Haz.Gp. ( ) 1 (X) 2 ( ) 3 ( ) Ex.Haz.
( ) NFPA 231 ( ) NFPA 231C (X) Figure 11.2.3.1.1 Curve ORDINARY 1
Other
Specific Ruling Made By Date

Area of Sprinkler Operation - 2031	System Type	Sprinkler/Nozzle
Density - .2	( ) Wet	Make TYCO
Area Per Sprinkler - 110	(X) Dry	Model TY-FRB
Elevation at Highest Outlet - 120.33	( ) Deluge	Size 1/2"
Hose Allowance - Inside -	( ) Preaction	K-Factor 5.6
Rack Sprinkler Allowance -	( ) Other	Temp.Rat.155
Hose Allowance - Outside - 250		

Note

Calculation Summary: Flow Required - 737.78 Press Required - 78.76 AT TEST
C-Factor Used: 100 Overhead 140 Underground

SUPPLY

Water Flow Test:	Pump Data:	Tank or Reservoir:
Date of Test - 9/25/08		Cap. -
Time of Test - N/A	Rated Cap.-	Elev.-
Static Press - 86	@ Press -	
Residual Press - 78	Elev. -	Well
Flow - 2250		Proof Flow
Elevation - 101.0'		

Location - FLOW HYD. (HYD #1713)LOCATED ON EVERGEEN DR. IN FRONT OF BLDG AND TEST HYD (HYD #1714) IS LOCATED NORTH OF BLDG ON EVERGREEN DR.
Source of Information - PORTLAND WATER DISTRICT

COMMODITY STORAGE

Commodity	Class	Location
Storage Ht.	Area	Aisle W.
Storage Method: Solid Piled %	Palletized %	Rack
( ) Single Row ( ) Conven. Pallet	( ) Auto. Storage	( ) Encap.
( ) Double Row ( ) Slave Pallet	( ) Solid Shelf	( ) Non
( ) Mult. Row	( ) Open Shelf	

RACK STORAGE

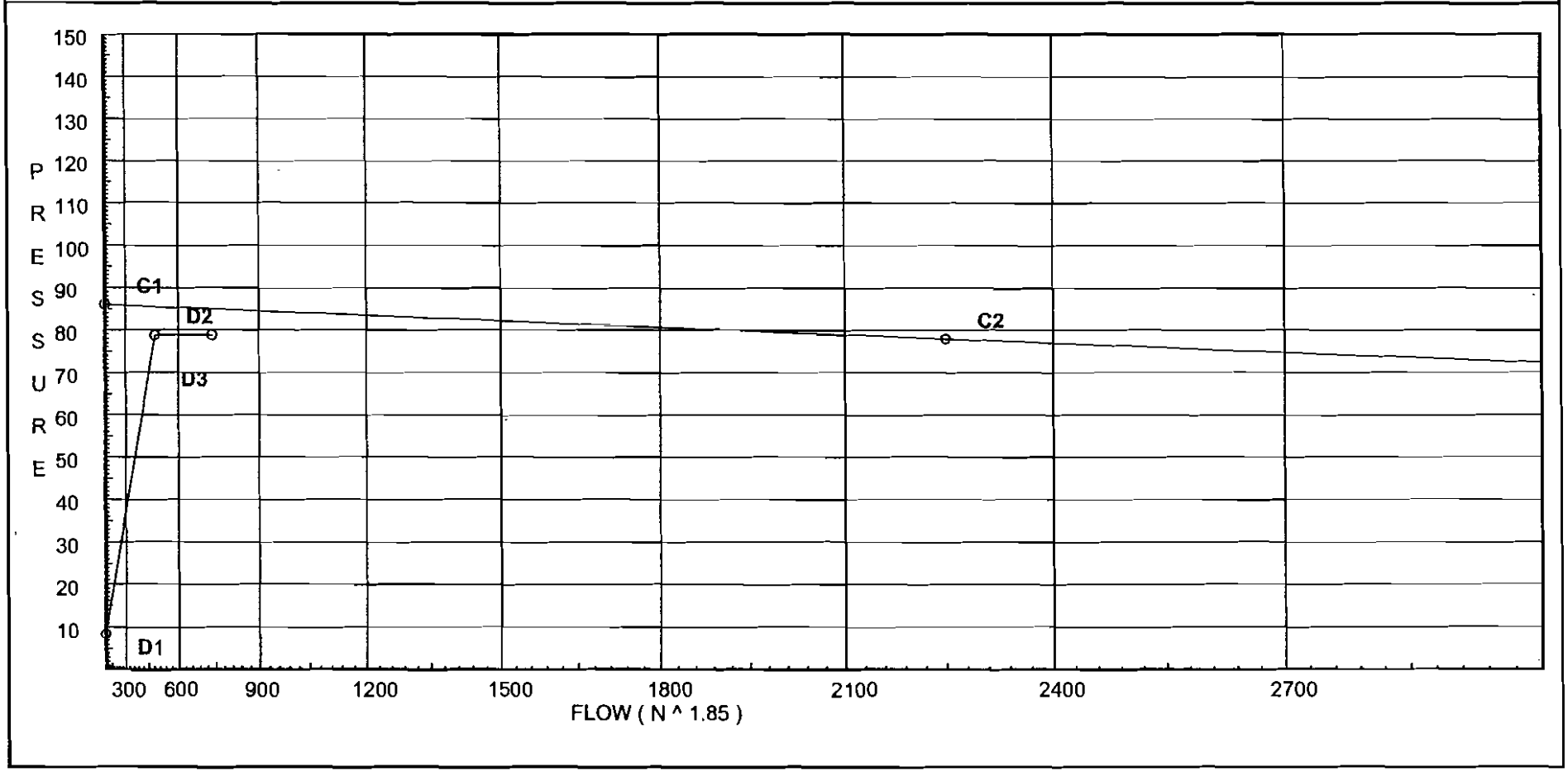
Flue Spacing	Clearance:Storage to Ceiling
Longitudinal	Transverse

Horizontal Barriers Provided:

City Water Supply:
C1 - Static Pressure : 86
C2 - Residual Pressure: 78
C2 - Residual Flow : 2250

Demand:

D1 - Elevation	:	8.372
D2 - System Flow	:	487.775
D2 - System Pressure	:	78.762
Hose (Adj City)	:	
Hose (Demand)	:	250
D3 - System Demand	:	737.775
Safety Margin	:	6.221



Fitting Legend

Abbrev.	Name																			
D	Generic Dry Pipe Valve	0	0	0	0	0	0	9.5	17	0	28	0	47	0	0	0	0	0	0	0	0
G	Generic Gate Valve	0	0	0	0	0	1	1	1	1	2	2	3	4	5	6	7	8	10	11	13
I	90' Grvd-Vic Elbow #10	0	0	2	3	4	3.5	6	5	8	7	8.5	10	13	17	20	23	25	33	36	40
L	Long Turn Elbow	1	1	2	2	2	3	4	5	5	6	8	9	13	16	18	24	27	30	34	40
T	90' Flow thru Tee	3	4	5	6	8	10	12	15	17	20	25	30	35	50	60	71	81	91	101	121
W	Generic Wafer Check Valve	0	0	0	0	0	0	0	0	0	10.3	0	13.1	31.8	35.8	27.4	0	0	0	0	0

Node No.	Elevation	K-Fact	Pt Actual	Pn	Flow Actual	Density	Area	Press Req.
1	120.33	8	7.56	na	22.0	0.2	110	7.56
2	120.33	8	7.75	na	22.28	0.2	110	7.56
3	120.33	8	8.45	na	23.25	0.2	110	7.56
4	120.33	8	9.97	na	25.26	0.2	110	7.56
5	120.33	8	12.71	na	28.52	0.2	110	7.56
6	120.33	8	7.67	na	22.16	0.2	110	7.56
7	120.33	8	7.87	na	22.44	0.2	110	7.56
8	120.33	8	8.57	na	23.42	0.2	110	7.56
9	120.33	8	10.11	na	25.44	0.2	110	7.56
10	120.33	8	12.89	na	28.72	0.2	110	7.56
11	120.33	8	8.07	na	22.73	0.2	110	7.56
12	120.33	8	8.28	na	23.01	0.2	110	7.56
13	120.33	8	9.02	na	24.02	0.2	110	7.56
14	120.33	8	10.63	na	26.08	0.2	110	7.56
15	120.33	8	13.54	na	29.43	0.2	110	7.56
16	120.33	8	12.49	na	28.27	0.2	110	7.56
17	120.33	8	12.79	na	28.61	0.2	110	7.56
18	120.33	8	13.9	na	29.82	0.2	110	7.56
19	120.33	8	16.31	na	32.31	0.2	110	7.56
30	116.83		21.04	na				
31	116.83		21.31	na				
32	116.83		22.29	na				
33	116.83		24.4	na				
TOR	105.0		72.25	na				
DPV	101.0		76.93	na				
CON	101.0		78.05	na				
TEST	101.0		78.76	na	250.0			

The maximum velocity is 19.46 and it occurs in the pipe between nodes 33 and TOR

Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv.	Ln.	Pipe Ftng's Total	Pt Pe Pf	Pt Pv Pn	******* Notes *******
1	22.00	1.682		0.0	8.750	7.562		K Factor = 8.00
to		100		0.0	0.0	0.0		
2	22.0	0.0218		0.0	8.750	0.191		Vel = 3.18
2	22.28	1.682		0.0	8.750	7.753		K Factor = 8.00
to		100		0.0	0.0	0.0		
3	44.28	0.0797		0.0	8.750	0.697		Vel = 6.39
3	23.25	1.682		0.0	8.750	8.450		K Factor = 8.00
to		100		0.0	0.0	0.0		
4	67.53	0.1737		0.0	8.750	1.520		Vel = 9.75
4	25.26	1.682		0.0	8.750	9.970		K Factor = 8.00
to		100		0.0	0.0	0.0		
5	92.79	0.3128		0.0	8.750	2.737		Vel = 13.40
5	28.52	1.682	1l	3.533	2.670	12.707		K Factor = 8.00
to		100	1T	7.065	10.599	1.516		
30	121.31	0.5135		0.0	13.269	6.814		Vel = 17.52
	0.0							
	121.31					21.037		K Factor = 26.45
6	22.16	1.682		0.0	8.750	7.673		K Factor = 8.00
to		100		0.0	0.0	0.0		
7	22.16	0.0221		0.0	8.750	0.193		Vel = 3.20
7	22.44	1.682		0.0	8.750	7.866		K Factor = 8.00
to		100		0.0	0.0	0.0		
8	44.6	0.0807		0.0	8.750	0.706		Vel = 6.44
8	23.42	1.682		0.0	8.750	8.572		K Factor = 8.00
to		100		0.0	0.0	0.0		
9	68.02	0.1761		0.0	8.750	1.541		Vel = 9.82
9	25.44	1.682		0.0	8.750	10.113		K Factor = 8.00
to		100		0.0	0.0	0.0		
10	93.46	0.3169		0.0	8.750	2.773		Vel = 13.49
10	28.72	1.682	1l	3.533	2.670	12.886		K Factor = 8.00
to		100	1T	7.065	10.599	1.516		
31	122.18	0.5203		0.0	13.269	6.904		Vel = 17.64
	0.0							
	122.18					21.306		K Factor = 26.47
11	22.73	1.682		0.0	8.750	8.073		K Factor = 8.00
to		100		0.0	0.0	0.0		
12	22.73	0.0232		0.0	8.750	0.203		Vel = 3.28
12	23.02	1.682		0.0	8.750	8.276		K Factor = 8.00
to		100		0.0	0.0	0.0		
13	45.75	0.0846		0.0	8.750	0.740		Vel = 6.61
13	24.02	1.682		0.0	8.750	9.016		K Factor = 8.00
to		100		0.0	0.0	0.0		
14	69.77	0.1845		0.0	8.750	1.614		Vel = 10.07
14	26.08	1.682		0.0	8.750	10.630		K Factor = 8.00
to		100		0.0	0.0	0.0		
15	95.85	0.3322		0.0	8.750	2.907		Vel = 13.84
15	29.43	1.682	1l	3.533	2.670	13.537		K Factor = 8.00
to		100	1T	7.065	10.599	1.516		
32	125.28	0.5450		0.0	13.269	7.232		Vel = 18.09

Hyd. Ref. Point	Qa Qt	Dia. "C" Pf/Ft	Fitting or Eqv.	Ln.	Pipe Ftng's Total	Pt Pe Pf	Pt Pv Pn	******* Notes ******
	0.0							
	125.28					22.285		K Factor = 26.54
16	28.27	1.682		0.0	8.750	12.485		K Factor = 8.00
to		100		0.0	0.0	0.0		
17	28.27	0.0347		0.0	8.750	0.304		Vel = 4.08
17	28.61	1.682		0.0	8.750	12.789		K Factor = 8.00
to		100		0.0	0.0	0.0		
18	56.88	0.1265		0.0	8.750	1.107		Vel = 8.21
18	29.82	1.682		0.0	8.750	13.896		K Factor = 8.00
to		100		0.0	0.0	0.0		
19	86.7	0.2758		0.0	8.750	2.413		Vel = 12.52
19	32.31	1.682	1I	3.533	2.670	16.309		K Factor = 8.00
to		100	1T	7.065	10.599	1.516		
33	119.01	0.4957		0.0	13.269	6.577		Vel = 17.18
	0.0							
	119.01					24.402		K Factor = 24.09
30	121.31	3.2		0.0	12.040	21.037		
to		100		0.0	0.0	0.0		
31	121.31	0.0223		0.0	12.040	0.269		Vel = 4.84
31	122.18	3.2		0.0	12.040	21.306		
to		100		0.0	0.0	0.0		
32	243.49	0.0813		0.0	12.040	0.979		Vel = 9.71
32	125.28	3.2		0.0	12.080	22.285		
to		100		0.0	0.0	0.0		
33	368.77	0.1752		0.0	12.080	2.117		Vel = 14.71
33	119.01	3.2	1I	4.381	127.840	24.402		
to		100	1T	13.143	17.523	5.124		
TOR	487.78	0.2939		0.0	145.363	42.728		Vel = 19.46
TOR	0.0	4.26	1D	26.313	14.000	72.254		
to		100		0.0	26.313	1.732		
DPV	487.78	0.0730		0.0	40.313	2.942		Vel = 10.98
DPV	0.0	4.026	1W	10.3	4.000	76.928		
to		120	1G	2.0	12.300	0.0		
CON	487.78	0.0686		0.0	16.300	1.118		Vel = 12.29
CON	0.0	6.16	1L	12.911	50.000	78.046		
to		140	1G	4.304	60.252	0.0		
TEST	487.78	0.0065	1T	43.037	110.252	0.716		Vel = 5.25
	250.00							Qa = 250.00
	737.78					78.762		K Factor = 83.13

CONTRACTOR'S MATERIAL & TEST CERTIFICATE FOR
A BOVEGROUND PIPING

Additional copies of this form are available to insureds from: Corporate Communications - Training Resource Center
FM Global, 1151 Boston -Providence Turnpike, P.O. Box 9102, Norwood MA 02062

PROCEDURE:
Upon completion of work, inspection and tests shall be made by the contractor's representative and witnessed by an owner's representative. All defects shall be corrected and system left in service before contractor's personnel finally leave the job.

A certificate shall be filled out and signed by both representatives. Copies shall be prepared for approving authorities, owners and contractor. It is understood the owner's representatives signature in no way prejudices any claim against the contractor for faulty material, poor workmanship, or failure to comply with approving authority's requirements or local ordinances.

PROPERTY NAME: DEKKO LLC — DATE: 4-26-10

PROPERTY ADDRESS: 225 Industrial way Portland me 04101

PLANS

ACCEPTED BY APPROVING AUTHORITY(S) NAMES: STATE FIRE MARSHALS OFFICE

ADDRESS: 45 COMMERCE DRIVE, SUITE 1, AUGUSTA, ME 04333

INSTALLATION CONFORMS TO ACCEPTED PLANS — ☑ YES ☐ NO

~~EQUIPMENT USED IS APPROVED (IF NO, STATE DEVIATIONS BELOW)~~ — ~~☑ YES ☐ NO~~

INSTRUCTIONS

HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND THE CARE AND MAINTENANCE OF THIS NEW EQUIPMENT? — ☑ YES ☐ NO
IF NO, EXPLAIN:

HAVE COPIES OF APPROPRIATE INSTRUCTIONS AND CARE AND MAINTENANCE CHARTS BEEN LEFT ON PREMISES? — ☑ YES ☐ NO
IF NO, EXPLAIN:

LOCATION OF SYSTEM

SUPPLIES BUILDINGS: 6" DICL ENTERS SOUTH-EAST SIDE OF BLDG, SUPPLIES ENTIRE BLDG

SPRINKLERS

MAKE	MODEL	YEAR OF MANUFACTURE	ORIFICE SIZE	QUANTITY	TEMPERATURE RATING
TYCO	TY-FRB	2007	1/2"	70	155
TYCO	TY-FRB	2007	1/2"	3	155

PIPE AND FITTINGS

PIPE CONFORMS TO NFPA 13 STANDARD — ☑ YES ☐ NO

FITTINGS CONFORM TO NFPA 13 STANDARD — ☑ YES ☐ NO

IF NO, EXPLAIN:

ALARM VALVE OR FLOW INDICATOR

ALARM DEVICE TYPE	MAKE	MODEL	MAXIMUM TIME TO OPERATE THROUGH TEST PIPE MIN.	SEC.
PRESSURE	POTTER	PS-10		
Water Motor Gong				50

DRY PIPE OPERATING TEST

DRY VALVE MAKE	MODEL	SERIAL NUMBER	Q.O.D. MAKE	MODEL	SERIAL NUMBER
TYCO	DPV-1				

	TIME TO TRIP THRU TEST PIPE MIN.	SEC.	WATER PRESSURE PSI	AIR PRESSURE PSI	TRIP POINT AIR PRESSURE PSI	Time Water Reached Test Outlet MIN.	SEC.	Alarm Operated Properly MIN.	SEC.
WITHOUT Q.O.D.	~~3~~	30	83	41	12		50		50
WITH Q.O.D.									

IF NO, EXPLAIN:

DELUGE & PREACTION VALVES

OPERATION: ☐ PNEUMATIC ☐ ELECTRIC ☐ HYDRAULIC

PIPING SUPERVISED ☐ YES ☐ NO DETECTING MEDIA SUPERVISED? ☐ YES ☐ NO

DOES THE VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL? ☐ YES ☐ NO

IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING? ☐ YES ☐ NO

IF NO, EXPLAIN:

MAKE	MODEL	Does each circuit operate supervision loss alarm?		Does each circuit operate valve release?		Maximum time to operate release	
		YES	NO	YES	NO	MIN.	SEC.

TEST DESCRIPTION

HYDROSTATIC: Hydrostatic tests shall be made at not less than 200 psi (13.6 bars) for two hours or 50 psi (3.4 bars) above static pressure in excess of 150 psi (10.3 bars) for two hours. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped.
PNEUMATIC: Establish 40 psi (2.7 bars) air pressure and measure drop which shall not exceed 1-1/2 psi (0.1 bars) in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop which shall not exceed 1-1/2 psi (0.1 bars) in 24 hours.

TESTS

ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 Hrs. IF NO, STATE REASON

DRY PIPING PNEUMATICALLY TESTED? ☑ YES ☐ NO

EQUIPMENT OPERATES PROPERLY? ☑ YES ☐ NO

DRAIN TEST — READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: 83 PSI — RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE 77 PSI

Underground mains and lead-in connections to system risers shall be flushed before connection made to sprinkler piping.

VERIFIED BY COPY OF THE FORM NUMBER 858? ☐ YES ☐ NO OTHER EXPLAIN

FLUSHED BY INSTALLER OF UNDERGROUND SPRINKLER PIPING? ☒ YES ☐ NO

BLANK TESTING GASKETS

NUMBER USED	LOCATIONS	NUMBER REMOVED

WELDING

WELDED PIPING? ☑ YES ☐ NO

IF YES.....

DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT WELDING PROCEDURES COMPLY WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3? ☑ YES ☐ NO

DO YOU CERTIFY THAT THE WELDING WAS PERFORMED BY WELDERS QUALIFIED IN COMPLIANCE WITH THE REQUIREMENTS OF AT LEAST AWS D10.9, LEVEL AR-3? ☑ YES ☐ NO

DO YOU CERTIFY THAT WELDING WAS CARRIED OUT IN COMPLIANCE WITH A DOCUMENTED QUALITY CONTROL PROCEDURE TO INSURE THAT ALL DISCS ARE RETRIEVED, THAT OPENINGS IN PIPING ARE SMOOTH, THAT SLAG AND OTHER WELDING RESIDUE ARE REMOVED, AND THAT INTERNAL DIAMETERS OF PIPING ARE NOT PENETRATED? ☑ YES ☐ NO

HYDRAULIC DATA NAMEPLATE

NAMEPLATE PROVIDED? ☑ YES ☐ NO

IF NO, EXPLAIN:

REMARKS

DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN: 4-26-10

SIGNATURES

NAME OF INSTALLING CONTRACTOR SIMPLEXGRINNELL

TESTS WITNESSED BY

FOR PROPERTY OWNER (Signed)	TITLE	DATE
[signature]	OWNER	4-26-10
FOR INSTALLING CONTRACTOR (Signed)	TITLE	DATE
[signature]	Installation	4-26-10

ADDITIONAL EXPLANATION AND NOTES:

Lannie Dobson - Chiang Mai restaurant, 50 Washington Ave

From: "Hinman, Tim" <thinman@simplexgrinnell.com>
To: <ldobson@portlandmaine.gov>
Date: 7/16/2010 9:06 AM
Subject: Chiang Mai restaurant, 50 Washington Ave
CC: "Doughty, Paul" <PDoughty@simplexgrinnell.com>

Hi Lannie,

Our Paul Doughty said he's been in communication with you about some permits that the City believes were applied for by SimplexGrinnell, including the Chiang Mai restaurant at 50 Washington Ave (?). SimplexGrinnell did not apply for a permit as this particular location.

As you may recall from about a month ago, 3 permits were mailed twice to SimplexGrinnell. I mailed them back the first time and hand delivered them the second time. Since they were not our permits, I did not keep any records/copies of them, but I believe that the Chiang Mai location was one of those permits. Don't know what party applied for this permit, but my suggestion would be to contact someone at the Chiang Mai location. If the permit was for a kitchen hood fire suppression system, the installer should have an inspection tag with their name on it attached to the fire suppression system cylinder and emergency actuation station for that system. Whosever name is on that inspection tag is likely the party that applied for the permit.

Hope this helps.

Tim Hinman

Fire Suppression Sales Rep

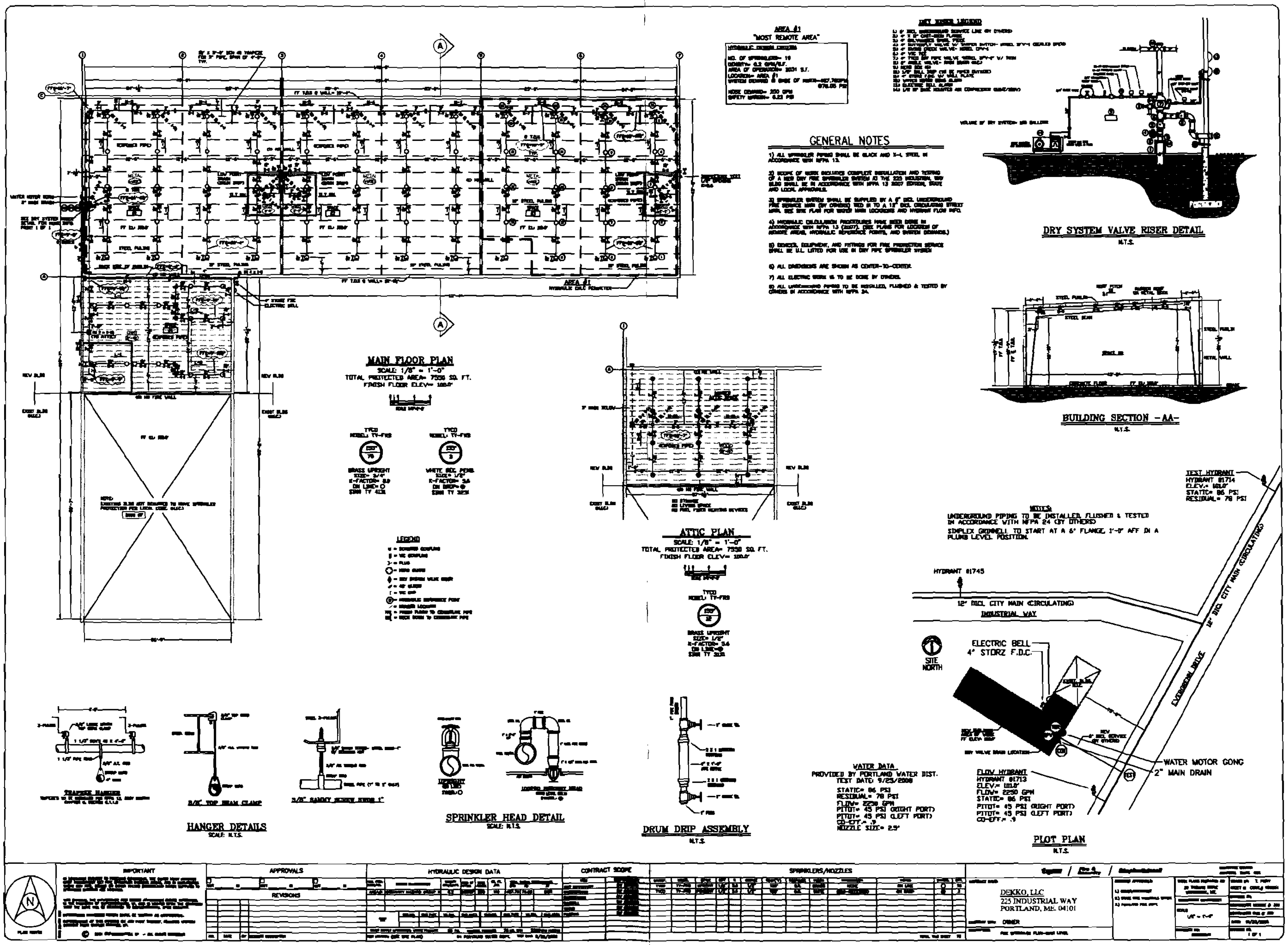
SimplexGrinnell District #147

20 Thomas Drive

Westbrook, ME 04092

tel: 207-482-2335

cell: 207-415-7475


AREA #1
"MOST REMOTE AREA"
GENERAL NOTES
6) ALL DIMENSIONS ARE SHOWN AS CENTER-TO-CENTER.
DRY SYSTEM VALVE RISER DETAIL
N.T.S.
MAIN FLOOR PLAN
SCALE: 1/8" = 1'-0"
BUILDING SECTION -AA-
N.T.S.
ATTIC PLAN
SCALE: 1/8" = 1'-0"
LEGEND
TEST HYDRANT
HYDRANT #1714
ELEV.= 101.0'
STATIC= 86 PSI
RESIDUAL= 78 PSI
NOTES:
UNDERGROUND PIPING TO BE INSTALLED, FLUSHED & TESTED IN ACCORDANCE WITH NFPA 24 (BY OTHERS)
SIMPLEX GRINNELL TO START AT A 6" FLANGE, 1'-0" AFF IN A PLUMB LEVEL POSITION.
HYDRANT #1745
12" DICL CITY MAIN (CIRCULATING)
INDUSTRIAL WAY
EVERGREEN DRIVE
ELECTRIC BELL
4" STORZ F.D.C.
SITE NORTH
WATER MOTOR GONG
2" MAIN DRAIN
HANGER DETAILS
SPRINKLER HEAD DETAIL
DRUM DRIP ASSEMBLY
N.T.S.
WATER DATA
PROVIDED BY PORTLAND WATER DIST.
TEST DATE: 9/25/2008
STATIC= 86 PSI
RESIDUAL= 78 PSI
FLOW= 2250 GPM
PITOT= 45 PSI (RIGHT PORT)
PITOT= 45 PSI (LEFT PORT)
CO-EFF.= .9
NOZZLE SIZE= 2.5"
FLOW HYDRANT
HYDRANT #1713
ELEV.= 101.0'
FLOW= 2250 GPM
STATIC= 86 PSI
PITOT= 45 PSI (RIGHT PORT)
PITOT= 45 PSI (LEFT PORT)
CO-EFF.= .9
PLOT PLAN
N.T.S.
IMPORTANT
APPROVALS
REVISIONS
HYDRAULIC DESIGN DATA
CONTRACT SCOPE
SPRINKLERS/NOZZLES
DEKKO, LLC
225 INDUSTRIAL WAY
PORTLAND, ME. 04101