

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 05-1409	Issue Date: OCT 26 2005	CRC#: F009001
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Location of Construction: 338 Cumberland Ave	Owner Name: Three Forty Associates Llc	Owner Address: 120 Exchange St	Phone: 207-874-2644
Business Name:	Contractor Name: Simplex / Grinnell	Contractor Address: 20 Thomas Drive Westbrook	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	Zone:

Past Use: Time Warner Cable	Proposed Use: Time Warner Cable	Permit Fee: \$813.00	Cost of Work: \$87,078.00	CEO District: 1
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Proposed Project Description:
Installation of an automatic, total-flooding FM-200 system per NFPA 72 and 2001 to protect telecommunications equipment and services.

FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>As Designed</i>	INSPECTION: Use Group: <i>U</i> Type: <i>NFPA</i>
Signature: <i>Greg Case</i>	Signature: <i>[Signature]</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input checked="" type="checkbox"/> Denied	
Signature: _____ Date: _____	

Permit Taken By: gad	Date Applied For: 09/28/2005	Zoning Approval	
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. 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.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>10/25/05</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>10/25/05</i>
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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

Location of Construction: 338 Cumberland Ave	Owner Name: Three Forty Associates Llc	Owner Address: 120 Exchange St	Phone:
Business Name:	Contractor Name: Simplex / Grinnell	Contractor Address: 20 Thomas Drive Westbrook	Phone 2078426440
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	Zone:

Dept: Zoning Note: ok per marge	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 10/25/2005 Ok to Issue: <input checked="" type="checkbox"/>
Dept: Building Note:	Status: Approved	Reviewer: Tammy Munson	Approval Date: 10/25/2005 Ok to Issue: <input checked="" type="checkbox"/>
Dept: Fire Note:	Status: Approved	Reviewer: Cptn Greg Cass	Approval Date: 10/24/2004 Ok to Issue: <input checked="" type="checkbox"/>

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 APPLICAN

ADDRESS

DATE

PHO

RESPONSIBLE PERSON IN CHARGE OF WORK, TIT

DATE

PHO



Commercial Building Permit Application

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

Location/Address of Construction: 340 Comberland Ave., 6th Floor		
Total Square Footage of Proposed Structure	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# 037 Block# F Lot# 009	Owner:	Telephone:
Lessee/Buyer's Name (If Applicable) Time Warner Cable	Applicant name, address & telephone: SimplexGrinnell 20 Thomas Dr. Westbrook, ME 04092 842-6440	Cost Of Work: \$ 87,078 Fee: \$ 813
Current Specific use: _____		
Proposed Specific use: Telecommunication equipment + servers		
Project description: Installation of an automatic, total-Flooding FM-200 system per NFPA 72 and 2001 to protect telecommunications equipment and servers. Includes (3) cylinders, (1,082) lbs of FM-200 gas, (12) discharge nozzles, (1) 24VDC control panel, (28) smoke detectors, and (7) horn/strobes.		
Contractor's name, address & telephone: SimplexGrinnell		
Who should we contact when the permit is ready: Tim Hinman		
Mailing address: 20 Thomas Drive Westbrook, ME 04092		xx call Phone: 842-6440 ext 220

Please submit all of the information outlined in the Residential Application Checklist. Failure to do so will result in the automatic denial of your permit.

At the discretion of the Planning and Development Department, additional information may be required prior to permit approval. For further information stop by the Building Inspections office, room 315 City Hall or call 874-8703.

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

Signature of applicant: Felix E. H.	Date: 9-28-05
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Permit Fee: \$30.00 for the first \$1000.00 Construction Cost, \$9.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.



Fire & Security

SimplexGrinnell LP

20 Thomas Dr.
Westbrook, ME 04092- U.S.A.
Tel. (207)842-6440
Fax (207)842-6439

SimplexGrinnell

PROPOSAL AND CONTRACT

Table with contract details: SimplexGrinnell Contract # Quote #S05-43, Rev 2; Salesperson: Tim Hinman; Date: Sept 13, 2005; Invoice To: Time Warner Cable; Job Location: Time Warner Cable, 340 Cumberland Ave., Portland, ME 04016, Customer PO #

SimplexGrinnell, for and in consideration of the prices herein named, proposes to furnish the work, and/or materials hereinafter described, subject to the conditions outlined below:

SCOPE OF WORK:

Furnish and install a Kidde FM-200 fire suppression system as described in the revised 2-page document accompanying this proposal. The original (6/9/05) price to furnish and install the system was \$84,096. At the request of Time Warner, we re-engineered the system and our revised (6/23/05) system price was lowered to \$72,966, which is the current contract amount. Based upon changes to the 6th floor space to include an access floor at approx 15" high we propose this second revision to the system price which increases the overall price by \$14,112 to \$87,078.

TERMS OF THIS AGREEMENT ARE
NET 10 [] NET 30 [x] C.O.D. []
[] Time and Material [] Price Not to Exceed \$ [] [x] Fixed Price of \$87,078
DEPOSIT: \$ [] BALANCE DUE: \$ [] AMEX [] MC/Visa [] Discover []
CREDIT CARD # [] Expiration Date: [] Name on Credit Card: []

IMPORTANT NOTICE TO CUSTOMER

- A. The price for work to be performed under this agreement on a time and material basis shall be based upon the prevailing SimplexGrinnell prices for material, labor, and related items, in effect at the time supplied under this agreement.
B. SimplexGrinnell does not undertake an obligation to inspect for Code compliance unless stated in the above Scope of Work.
C. Unless otherwise agreed in writing between the parties, the Customer shall pay SimplexGrinnell within thirty (30) days of the date of this Agreement.
D. Additional work performed for the Customer by SimplexGrinnell (beyond the work set out in the above scope of work section) will be included in subsequent invoices and shall be governed by and subject to all of the terms and conditions of this Agreement.
E. CUSTOMER AGREES THAT SIMPLEXGRINNELL'S LIABILITY FOR PERSONAL INJURY, DEATH OR PROPERTY DAMAGE, WHETHER ARISING IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE AGREEMENT PRICE SET OUT ABOVE (AS INCREASED BY THE PRICE FOR ANY ADDITIONAL WORK) OR, WHERE THE TIME AND MATERIAL TERM IS SELECTED ABOVE, CUSTOMER'S TIME AND MATERIALS PAYMENTS TO SIMPLEXGRINNELL.
F. THIS AGREEMENT CONSISTS OF THIS AGREEMENT PAGE AND THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF OR ATTACHED HERETO, and is the complete agreement between the parties.

Time Warner Cable
[Customer name]

SIMPLEXGRINNELL LP

By:
Name:
Title:

By:
Name: Tim Hinman
Title: Suppression Sales Rep

Remote Display/Control Module

Model RDCM

FEATURES

- 80-Character LCD Display
- Up to 15 Modules per ARIES™ System
- May be located up to 4,000 Feet from Control Unit
- Full Complement of Functional Keys and LEDs

DESCRIPTION

The Model RDCM Remote Display/Control Module provides an additional point of event reporting and operator intervention/control for a Kidde® Fire Systems intelligent system. It features an 80-character LCD display that duplicates all the information on the main-control-unit display.

The Model RDCM contains the following functional keys:

- Event Acknowledgment
- Alarm Silence
- System Reset
- Display Scroll.

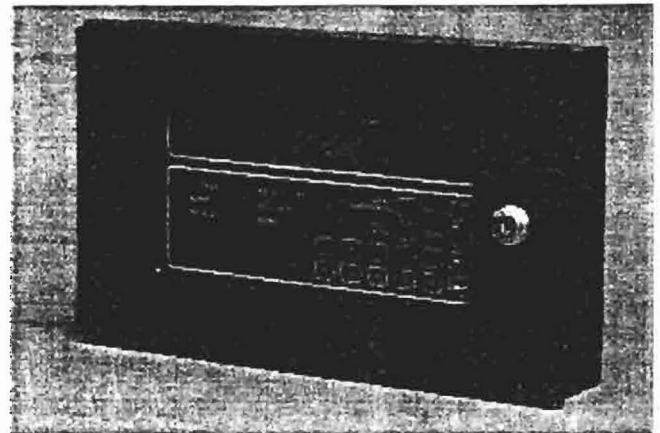
There are twelve digit/navigation keys that enable full menu functionality.

The six system-level LEDs correspond to the following general conditions:

- Module Power
- Alarm
- Pre-Alarm
- Alarm Silence
- Supervisory
- Trouble

The Model RDCM communicates with the control unit via an external RS-485 communications circuit, with the most-remote module capable of being located up to 4,000 feet from the control unit. Up to 15 RDCMs can be connected in a bus configuration to the RS-485 communications circuit.

The Model RDCM can be powered from the control-unit's power supply, or from an external, regulated, and power-limited power supply Listed for use with fire-protective-signaling systems, depending upon the total load of the remote outputs. A typical external power supply is Kidde P/N 297106.



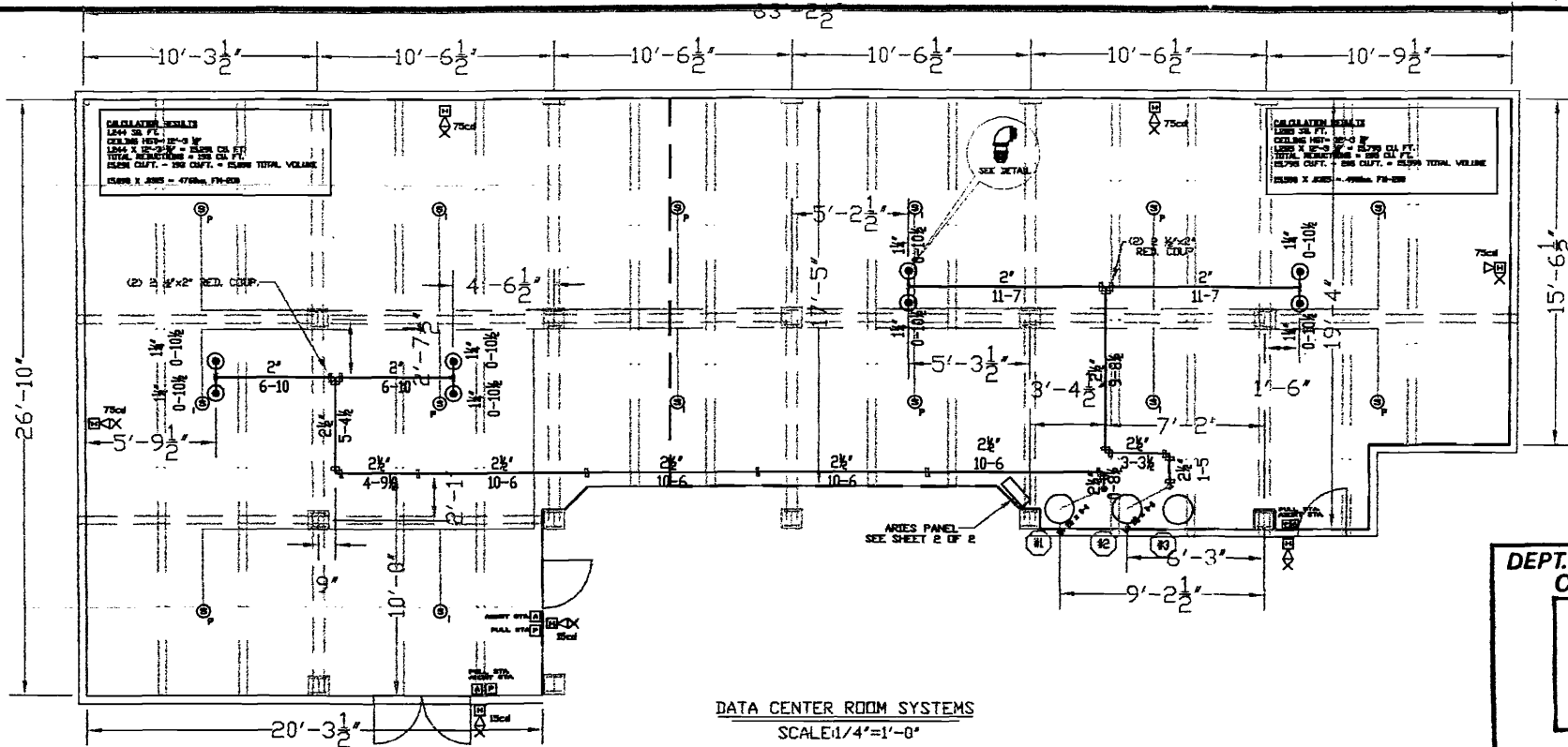
INSTALLATION

The Model RDCM is supplied in an enclosure that is suitable for surface or semi-flush mounting.

Refer to Figure 1 for module-mounting dimensions.

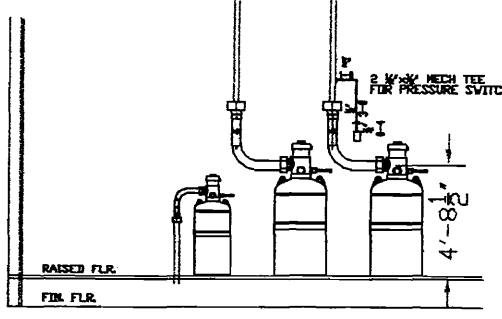
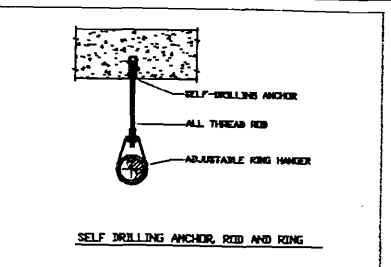
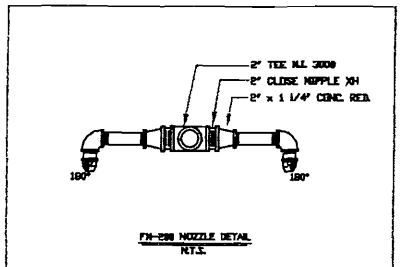
ELECTRICAL

Network Wiring:	Style 4, Supervised and Power-Limited
Wire Type:	Twisted, Shielded, Low-Capacitance Fire-Alarm Wire (Recommended)
Wire Size:	#18 AWG (minimum)
Maximum Network Wiring Distance:	4,000 Feet
Communications:	Per RS-485 Standard
Operating Voltage:	24 Vdc (nominal)
Standby Current:	0.064 A
Alarm Current:	0.085 A
Maximum RDCM: (per control unit)	15

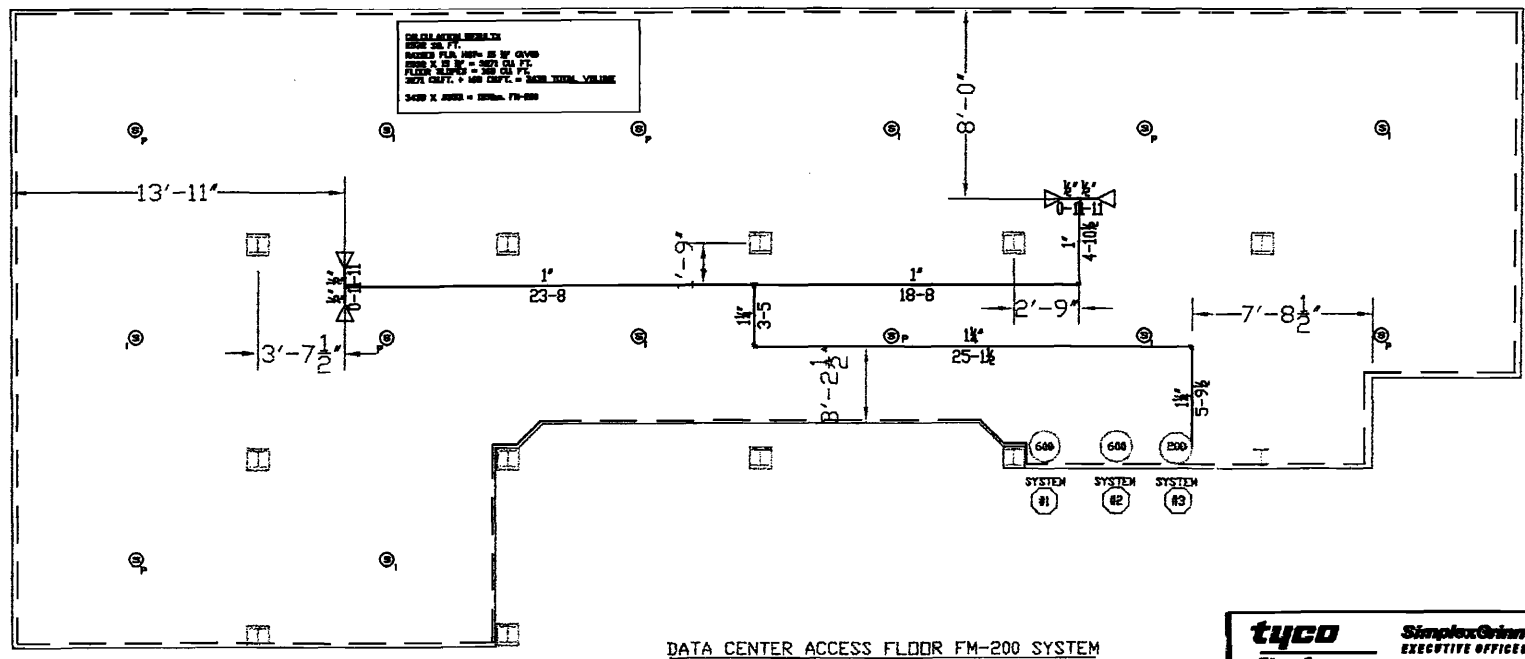


DATA CENTER ROOM SYSTEMS
SCALE 1/4"=1'-0"

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME
SEP 30 2005
RECEIVED



TANK DETAIL
N.T.S.



DATA CENTER ACCESS FLOOR FM-200 SYSTEM
SCALE 1/4"=1'-0"

LEGEND

- ⊙ PHOTOELECTRIC DETECTOR
- ⊙ IONIZATION DETECTOR
- ⊙ STROBE WARNING LIGHT/ALARM HORN
- ⊙ ABORT SWITCH
- ⊙ MANUAL PULL STATION
- ⊙ "ARIES" CONTROL PANEL
- ⊙ NOZZLE 180°

GENERAL NOTES:
FM-200 SYSTEM DESIGNED, CALCULATED & INSTALLED IN ACCORDANCE WITH THE UL-LISTED MANUAL AND KIDDE FENVAL DESIGN SOFTWARE, NFPA 2001 & NFPA 72.

ALL PIPING TO BE SCHD.-40 SEAMLESS A-53 / A-106

ALL PIPING TO BE EXPOSED INSIDE PROTECTED SPACE.

ALL SCRWD FITTINGS SHALL BE 300# M.I.

ALL GROOVED FITTINGS SHALL BE 500lb RATED

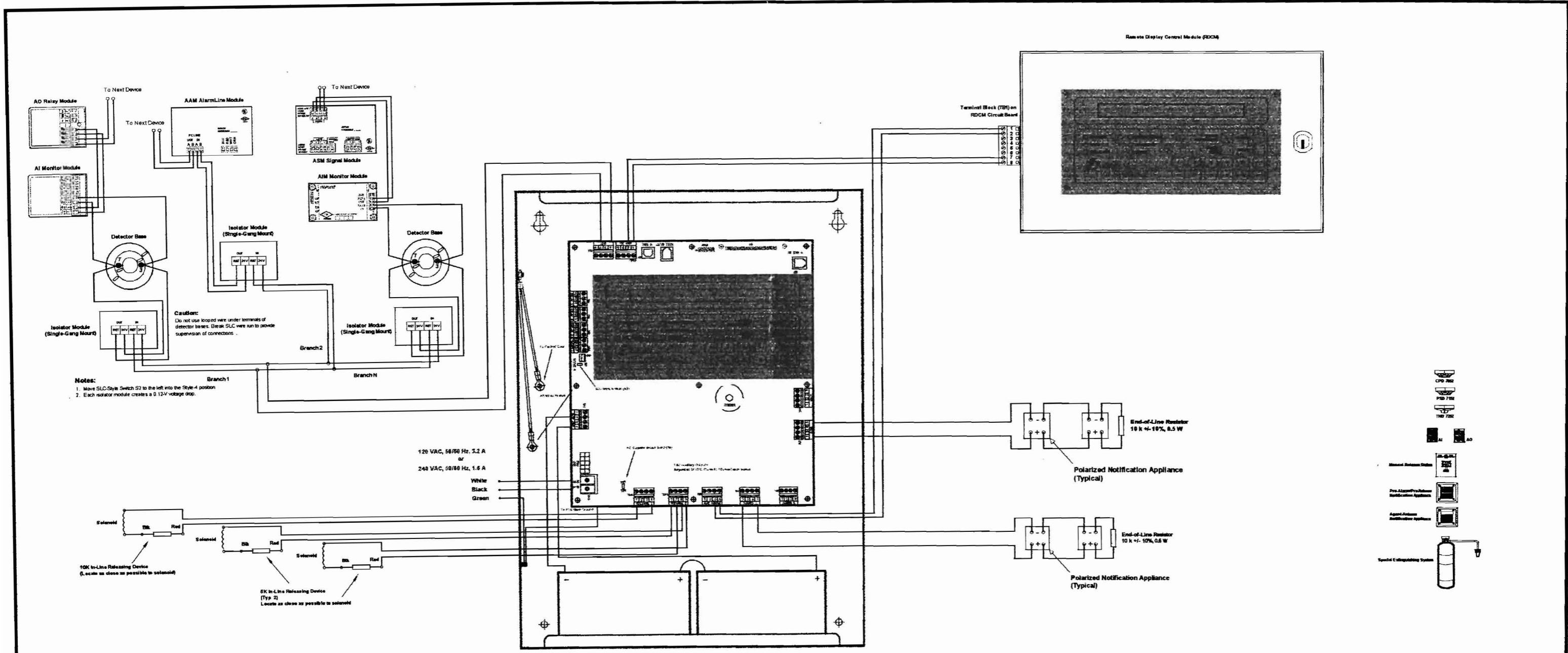
ALL RISERS SHALL BE SECURED USING RISER CLAMPS, A.T.R. AND FM-PLATES.

ALL HANGING MATERIAL WILL BE SPLIT-RINGS, RISER CLAMPS WITH 3/8" A.T.R. AND FM-PLATES.

ALL PIPING SHALL BE HELD TIGHT UNDER ALL BEAMS AND ABOVE 16' SPIRAL DUCT WORK.

ALL PERSONNEL WORKING IN THE PROTECTED SPACE SHALL RECEIVE TRAINING AFTER COMPLETION OF INSTALLATION.

tyco Fire & Security SimplexGrinnell EXECUTIVE OFFICES - HOUSTON, TEXAS, USA LOCAL OFFICE: WESTBROOK, ME.	SYSTEM INFO <table border="1"> <tr> <th>SYSTEM NAME/NO.</th> <th>SYSTEM TYPE</th> <th>VALVE SIZE</th> <th>SYSTEM AREA</th> </tr> <tr> <td>#1</td> <td>600LB</td> <td>3"</td> <td></td> </tr> <tr> <td>#2</td> <td>600LB</td> <td>3"</td> <td></td> </tr> <tr> <td>#3</td> <td>200LB</td> <td>2"</td> <td></td> </tr> </table>			SYSTEM NAME/NO.	SYSTEM TYPE	VALVE SIZE	SYSTEM AREA	#1	600LB	3"		#2	600LB	3"		#3	200LB	2"		CONTRACT NAME: TIME WARNER CABLE 340 CUMBERLAND AVE. PORTLAND, ME. CONTRACT WITH TIME WARNER CABLE - DON MOWATT DESCRIPTION: KIDDE FM-200 CALCULATION DESIGN DATA	SCALE: 1/4"=1'-0" DRAWN BY: B.J.H. CHECKED BY:
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ARIES CONTROL PANEL
Class B Wiring Diagram

	SimplexGrinnell EXECUTIVE OFFICES - HOUSTON, TEXAS, USA LOCAL OFFICE: WESTBROOK, ME.	SYSTEM INFO <table border="1"> <tr> <th>SYSTEM WIRE, INCH</th> <th>SYSTEM TUBE</th> <th>WALVE SIZE</th> <th>SYSTEM AREA</th> </tr> <tr> <td>#1</td> <td>600LB</td> <td>3"</td> <td></td> </tr> <tr> <td>#2</td> <td>600LB</td> <td>3"</td> <td></td> </tr> <tr> <td>#3</td> <td>200LB</td> <td>2"</td> <td></td> </tr> </table>	SYSTEM WIRE, INCH	SYSTEM TUBE	WALVE SIZE	SYSTEM AREA	#1	600LB	3"		#2	600LB	3"		#3	200LB	2"		CONTRACT NAME: TIME WARNER CABLE 340 CUMBERLAND AVE. PORTLAND, ME. CONTRACT WIRE: TIME WARNER CABLE - DON MOWATT DESCRIPTION: KIDDE FM-200	SCALE: 1/4"=1'-0" DRAWN BY: B.J.H. CHECKED BY:
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