

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING DEPARTMENT

PERMITPlease Read
Application And
Notes, If Any,
Attached

Permit Number: 081197

PERMIT ISSUED

OCT 10 2008

This is to certify that FINARD MURRAY W TR / Cornerline Cohas permission to Reinforce Block Wall in Basement in preparation for natural Gas lines.AT 1 MONUMENT SQ

CL-032-K012001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, 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.

Notification of inspection must be given and written permission procured before this building or part thereof is lath or other work is set-in. 24 HOUR 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. Exempt 202

Health Dept. _____

Appeal Board _____

Other _____

Department Name

Director - Building & Inspection Services

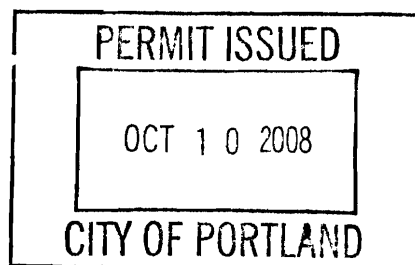
PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-1197		Issue Date: 9/24/08		CBL: 032 K012001	
Location of Construction: 1 MONUMENT SQ		Owner Name: FINARD MURRAY W TR		Owner Address: ONE MONUMENT SQUARE SUITE	
Business Name:		Contractor Name: Centerline Construction		Contractor Address: PO Box 1264, 1 Monument Square Po	
Lessee/Buyer's Name		Phone:		Permit Type: Alterations - Commercial	
Past Use: Commercial		Proposed Use: Commercial - Reinforce Block Wall in Basement in preparation for Natural Gas Lines.		Permit Fee: \$160.00	
				Cost of Work: \$14,000.00	
				CEO District: 1	
				FIRE DEPT: ☒ Approved ☐ Denied	
				INSPECTION: Use Group: B Type: 2B IBL-2005	
Proposed Project Description: Reinforce Block Wall in Basement in preparation for Natural Gas Lines.		Signature: [Signature]		Signature: [Signature] 9/24/08	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)			
		Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied			
		Signature:		Date:	
Permit Taken By: lmd		Date Applied For: 09/23/2008		Zoning Approval	

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..



Special Zone or Reviews ☐ Shoreland ☐ Wetland ☐ Flood Zone ☐ Subdivision ☐ Site Plan Maj ☐ Minor ☐ MM ☐ Date: 9/23/08	Zoning Appeal ☐ Variance ☐ Miscellaneous ☐ Conditional Use ☐ Interpretation ☐ Approved ☐ Denied Date:	Historic Preservation ☒ Not in District or Landmark ☐ Does Not Require Review ☐ Requires Review ☐ Approved ☐ Approved w/Conditions ☐ Denied Date:
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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

BUILDING PERMIT INSPECTION PROCEDURES

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

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

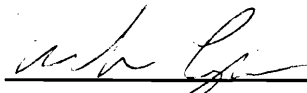
 X Re-Bar Schedule Inspection: Prior to pouring concrete

 X Final inspection required at completion of work.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.



Signature of Applicant/Designee

10/10/08

Date

Signature of Inspections Official

Date

City of Portland, Maine - Building or Use Permit

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

Permit No: 08-1197	Date Applied For: 09/23/2008	CBL: 032 K012001
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Location of Construction: 1 MONUMENT SQ	Owner Name: FINARD MURRAY W TR	Owner Address: ONE MONUMENT SQUARE SUITE	Phone: 207-772-2257
Business Name:	Contractor Name: Centerline Construction	Contractor Address: PO Box 1264, 1 Monument Square Po	Phone (207) 741-0290
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	

Proposed Use: Commercial - Reinforce Block Wall in Basement in preparation for Natural Gas Lines.	Proposed Project Description: Reinforce Block Wall in Basement in preparation for Natural Gas Lines.
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Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 09/23/2008
Note: **Ok to Issue:** ☒

Dept: Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 09/29/2008
Note: **Ok to Issue:** ☒

- 1) Fire Alarm systems shall be installed per Sec. 907 of the IBC 2003
- 2) This permit is approved, all of the review questions/comments have been responded to and adequately satisfy code compliance of this project.
- 3) The installation must comply with the State of Maine Gas Regulations.
- 4) Separate permits are required for any electrical, plumbing, or HVAC systems.
Separate plans may need to be submitted for approval as a part of this process.



General 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: <u>1 Monument Sq. Portland</u>		
Total Square Footage of Proposed Structure/Area <u>10 x 12</u>		Square Footage of Lot <u>.357 acres</u>
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>032 K-012-001</u>	Applicant * <u>must</u> be owner, Lessee or Buyer* Name <u>Finard Murray W Trust</u> Address <u>40 Finard Prop.</u> <u>1 Monument Sq. Suite 200</u> City, State & Zip <u>Portland ME 04101</u>	Telephone: <u>207-772-2257</u>
Lessee/DBA (If Applicable) SEP 23 2008	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>14,000.</u> C of O Fee: \$ Total Fee: \$ <u>160.00</u>
Current legal use (i.e. single family) <u>office building</u> If vacant, what was the previous use? Proposed Specific use: <u>Nat. Gas Room - in basement</u> Is property part of a subdivision? <u>No</u> If yes, please name Project description: <u>Reinforced Block wall - basement gas room</u>		
Contractor's name: <u>Centerline Construction</u> Address: <u>P.O. Box 1264</u> City, State & Zip <u>Portland, ME</u> Telephone: <u>741-0293</u> Who should we contact when the permit is ready: <u>Deborah Fuller</u> Telephone: <u>772-2257</u> Mailing address: <u>1 Monument Sq. Portland, ME</u>		

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

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division 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: <u>Deborah Fuller</u>	Date: <u>9/23/08</u>
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This is not a permit; you may not commence ANY work until the permit is issued

Route to C.S.H.

From: "Deborah G. Fuller" <dfuller@finardproperties.com>
To: <csh@portlandmaine.gov>
Date: 9/23/2008 9:29:26 AM
Subject: One Monument Sq.-Basement Gas room

Chris,
Thanks for meeting with us this morning. The width of the basement hallway is 5'. Please let me know if you need further information.

Deborah Fuller
Property Manager
Finard Properties, LLC
One Monument Square, Suite 200
Portland, ME 04101
PH: 207-772-2257
Fax: 207-773-9830
email: dfuller@finardproperties.com

Fire Dept. Requirements

Murray W. Finard Trust
C/O Finard Properties
One Monument Sq., Suite 200
Portland, ME 04101

Contact: Deborah Fuller, Property Manager 772-2257

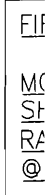
Project architects: Pennoni Associates and SMRT

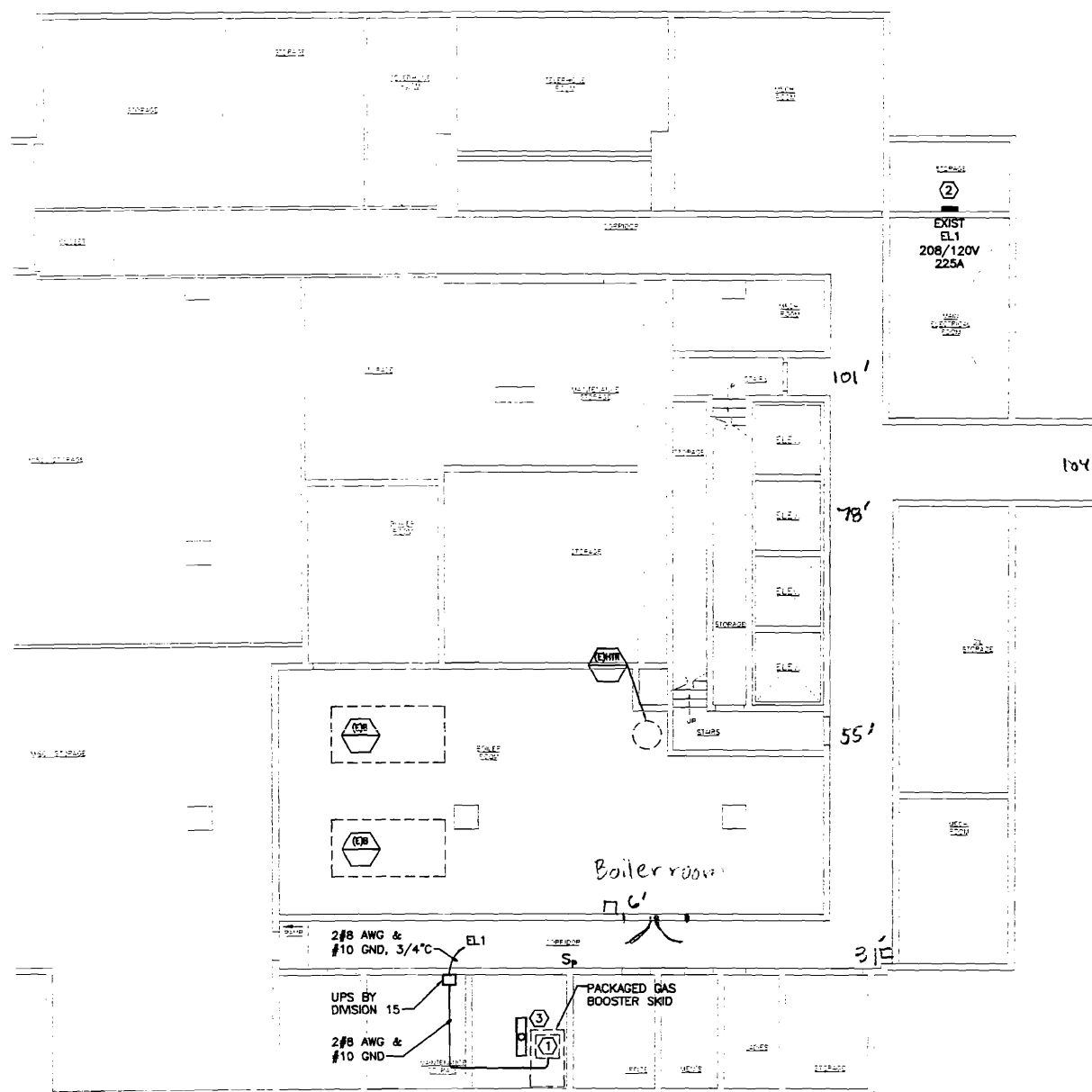
Incidental Use, B Building, B Use, Chap. 302.1

120 SF Basement Gas Room

Sprinkler Plan attached

6' to boiler room fire extinguisher
31' to available fire extinguisher
55' to Congress St. Stairs
78' to elevator #3
101' to Federal St. Stairs
104' to loading dock door





6' to Boiler room Extinguisher
 31' to available fire ext
 55' to Congress St. stairs
 78' to elev. # 3
 101' to Federal St. stairs
 104' to loading dock door

A1

BASEMENT FLOOR POWER PLAN

1/8" = 1'-0"

FINARD PROPERTIES

NATURAL GAS SERVICE UP

ONE MONUMENT SQUARE

PORTLAND, MAINE

ABBREVIATIONS

CFF CAPPED FOR FUTURE
CFH CUBIC FEET PER HOUR
CTE CONNECT TO EXISTING
DIA DIAMETER
DN DOWN
DWG DRAWING
DWH DOMESTIC WATER HEATER
(E) EXISTING
EXIST. EXISTING
HTR HEATER
NTS NOT TO SCALE
(R) REMOVE
RM ROOM
TYP TYPICAL
VTR VENT THRU ROOF
VCFF VALVED & CAPPED FOR FUTURE
W/ WITH

SYMBOL LEGEND

—||— UNION
—||— FLANGE
—○— PIPE ELBOW TURNED DOWN
—○— PIPE ELBOW TURNED UP
—S— PIPING TEE-DOWN
—○— PIPING TEE-UP
—○— PIPE RISER
—Z— CHECK VALVE
—◇— GENERIC VALVE, SEE SPECIFICATIONS FOR TYPE
—D— CONCENTRIC REDUCER/INCREASER
—→— DIRECTION OF FLOW
—Z— BACK FLOW PREVENTER
—NG— NATURAL GAS
—V— VENT

GRID NO.	TITLE
SCALE	REFERENCE SHEET

GENERAL NOTE

1. ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN.

DRAWING LIST

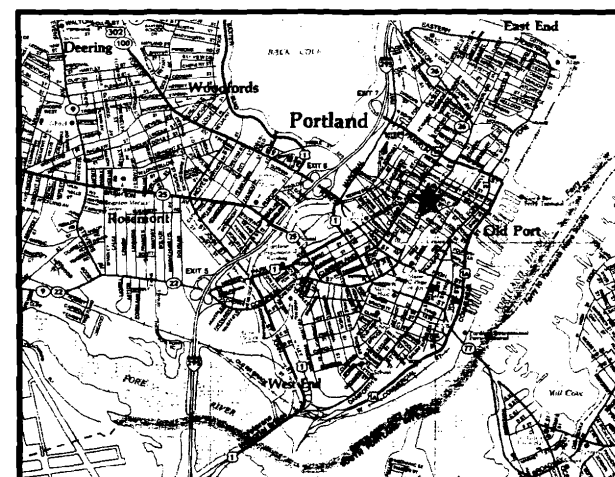
PLUMBING

P-001 COVER SHEET, LEGEND, SPEC'S & ABBREVIATIONS
PL101 NATURAL GAS PIPING PLANS

ELECTRICAL

E-001 LEGEND & GENERAL NOTES
E-101 POWER PLAN

LOCATION MAP:



SPE

PART 1

1.1 SU
A. PR
1.

2.

B. COI

C. CO

NOT

1.2 COI

A. NFF

1.3 SUE

A. PRK

B. DRV

1.

C. OPE

INST

1.4 COI

A. COI

SATI

IN J

B. WAR

COO

PART 2

2.1 PIPH

A. STEI

1.

2.

3.

4.

5.

6.

7.

8.

B. HANK

SUPP

SHIEI

C. SEIS

D. GAS

RATIN

PLUX

E. 125-

F. GENE

WOC

1. G

2. BI

G. IDENT

PROV

2.2. NAT

CONN

MINIM

A. BU

1.

2.

3.

4.

2.3. BOIL

A. BA

1.

2.

PART 3

3.1 INSTAI

A. INSTAI

MATER

WITH

B. FUEL

1. NF

2.

C. SUPP

ANCH

D. CLEAF

E. INSTAI

F. CONN

INCHE

G. SEDIM

APPLI

H. GROU

1. TIC

MA

2.

I. PIPIN

J. INSPE

K. REPAI

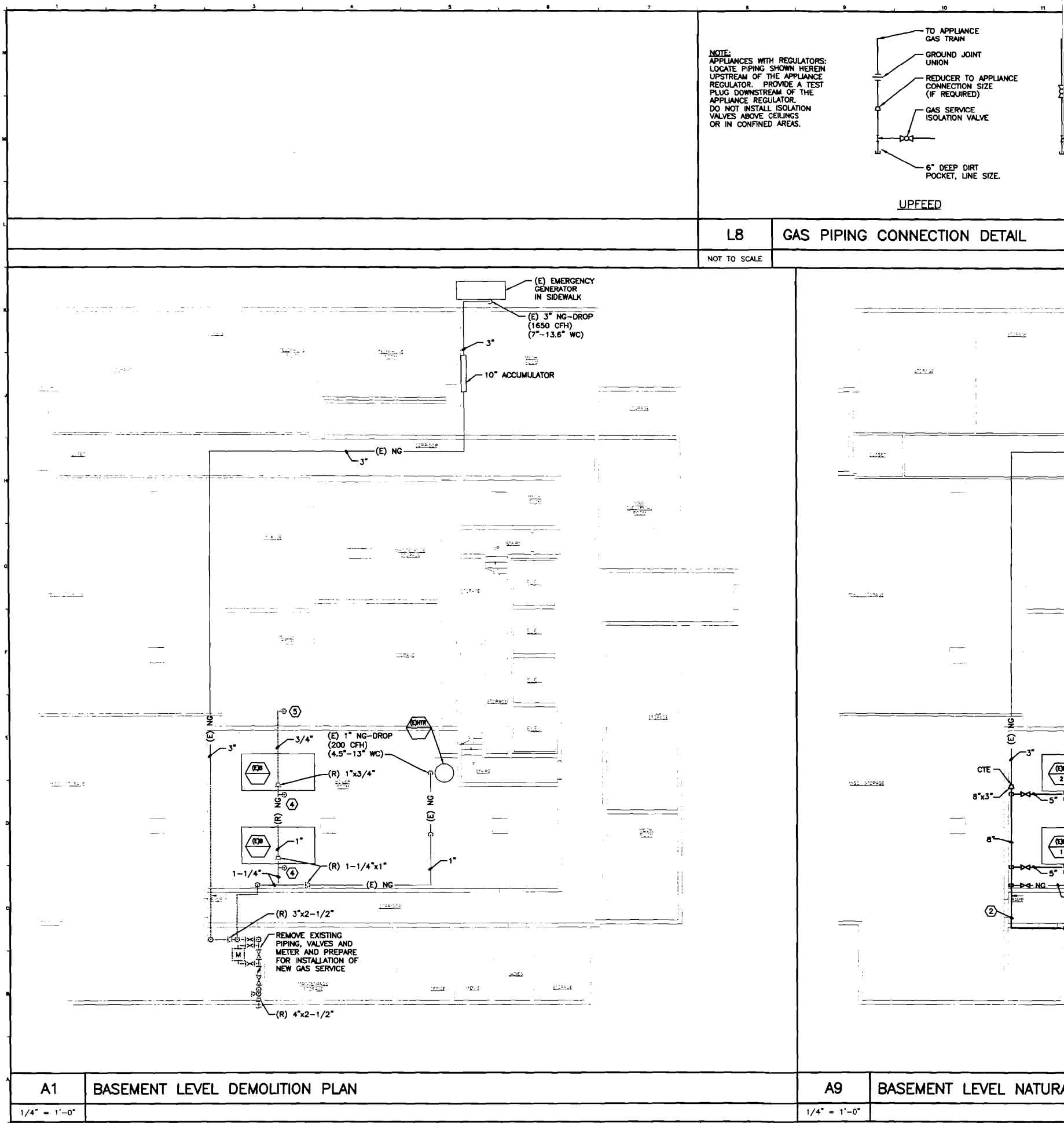
L. REPOI

M. VERIF

N. VERIF

O. RESTO

P. INSTR



LIGHTING

- 2x4 FLUORESCENT FIXTURE ASSOCIATED CONTROL DEVICE FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)
- 1x4 FLUORESCENT FIXTURE
- 2x2 FLUORESCENT FIXTURE
- FIXTURE WIRED TO UNSWITCHED NORMAL CIRCUIT
- FIXTURE WIRED TO UNSWITCHED EMERGENCY CIRCUIT
- FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT
- DOWN LIGHT
- FLUORESCENT STRIP
- WALL MOUNTED FIXTURES
- TRACK LIGHTING
- POLE MOUNTED SITE LIGHTING FIXTURE
- FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)
- FLOOD LIGHT
- WALL WASH LIGHT FIXTURE
- EXIT SIGN, CEILING MOUNTED ARROW INDICATES EGRESS DIRECTION SHADING INDICATES SIGN FACE
- EXIT SIGN, WALL MOUNTED SHADING INDICATES SIGN FACE
- DUAL HEAD EMERGENCY LIGHT BATTERY PACK TO - TIME DELAY RESET
- REMOTE EMERGENCY LIGHTING HEAD
- WALL PACK
- 3-WAY TOGGLE SWITCH
- SINGLE POLE TOGGLE SWITCH INDICATES CONTROLLED FIXTURE
- 4-WAY TOGGLE SWITCH
- DUAL LEVEL SWITCHING
- DIMMER SWITCH, INCANDESCENT OR FLUORESCENT AS REQUIRED.
- TOGGLE SWITCH WITH PILOT LIGHT
- TIMER SWITCH, SPRING WOUND
- SINGLE POLE DOUBLE THROW TOGGLE SWITCH, CENTER POSITION OFF
- WEATHER PROOF
- EXPLOSION PROOF
- OCCUPANCY SENSOR SWITCH
- UNSWITCHED CONTINUATION OF BRANCH CIRCUIT
- HOME RUN
- OCCUPANCY SENSOR INDICATES CONTROLLED FIXTURE INDICATES AIMING DIRECTION
- OCCUPANCY SENSOR RELAY
- DAYLIGHT SENSOR LIGHTS CONTROLLED BY SENSOR

COMMUNICATION & DATA SYSTEMS

- TELEPHONE SYSTEM WALL JACK W-INDICATES WALL MOUNTED AT 60" AFF P-INDICATES PAYPHONE (2)-INDICATES 2 OUTLETS, SINGLE BOX
- DATA SYSTEM OUTLET
- COMBINATION VOICE/DATA SYSTEM OUTLET
- UNDERFLOOR TELEPHONE SYSTEM OUTLET
- UNDERFLOOR DATA SYSTEM OUTLET
- UNDERFLOOR VOICE & DATA OUTLET
- CABLE TELEVISION SYSTEM OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED
- CLOSED CIRCUIT TELEVISION OUTLET, MOUNT 18" AFF UNLESS OTHERWISE NOTED
- PAGING SYSTEM CONTROL PANEL AND PAGING AMPLIFIER
- PAGING SYSTEM SPEAKER, CEILING MOUNTED
- PAGING SYSTEM SPEAKER, WALL MOUNT AT 7'-6" AFF 1. FLUSH, 2. SURFACE, 3. HORN, 4. DUAL HORN
- VOLUME CONTROL
- INTERCOM SYSTEM HAND KEY
- CLOCK SPEAKER
- INTERCOM SYSTEM HAND SET
- WALL MOUNTED CLOCK
- CEILING MOUNTED TELEPHONE SYSTEM OUTLET
- CEILING MOUNTED DATA SYSTEM OUTLET
- CEILING MOUNTED VOICE & DATA OUTLET

POWER

- NON-FUSED SAFETY SWITCH AMPERE RATING
- FUSED SAFETY SWITCH, TOP NUMBER INDICATES SWITCH AMPERE RATING, LOWER NUMBER INDICATES FUSE RATING
- MAGNETIC MOTOR STARTER, FVNR UNLESS INDICATED OTHERWISE
- NEMA ENCLOSURE RATING
- NEMA SIZE (TYPICAL)
- COMBINATION CIRCUIT BREAKER/MAGNETIC MOTOR STARTER FIRST NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING SECOND NUMBER INDICATES NEMA STARTER SIZE
- COMBINATION FUSED DISCONNECT/MAGNETIC MOTOR STARTER NUMBERS INDICATE DISCONNECT AMPERE RATING/FUSE RATING/NEMA STARTER SIZE
- NON-FUSED DISCONNECT/MAGNETIC MOTOR STARTER FIRST NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING SECOND NUMBER INDICATES NEMA STARTER SIZE
- MANUAL MOTOR STARTER, TOGGLE OPERATED, 1, 2 OR 3 POLE AS REQUIRED, OVERLOAD PROTECTION
- MANUAL MOTOR SWITCH, TOGGLE OPERATED, SINGLE PHASE, 1 OR 2 POLE AS REQUIRED (NO OVERLOAD PROTECTION)
- ENCLOSED CIRCUIT BREAKER AMPERE RATING
- ELECTRIC MOTOR, NUMBER INDICATES HORSEPOWER RATING
- EXPLOSION PROOF MOTOR
- VARIABLE AIR VOLUME CONTROL ACTUATORS
- LOCAL SELECTOR SWITCH H/O/A - HAND/OFF/AUTO
- EMERGENCY OFF BREAK GLASS STATION
- PUSHBUTTON STATION
- JUNCTION BOX
- TRANSFORMER
- POWER POLE
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- EY CONDUIT SEAL
- DUPLEX RECEPTACLE, NEMA 5-20R, INSTALLED ON EMERGENCY CIRCUIT (TYPICAL)
- GFI DUPLEX RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE GFI DUPLEX RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE ISOLATED GROUND DUPLEX RECEPTACLE, NEMA 5-20R
- SINGLE RECEPTACLE, NEMA 5-20R
- DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE, NEMA 5-20R
- HOSPITAL GRADE DOUBLE DUPLEX RECEPTACLE NEMA 5-20R
- SWITCHED RECEPTACLE
- FLOOR OUTLET, DUPLEX RECEPTACLE, NEMA 5-20R
- POWER RECEPTACLE, 480 VOLT NEMA CONFIGURATION AS NOTED.
- POWER RECEPTACLE, 240 VOLT NEMA CONFIGURATION AS NOTED.
- PANELBOARD, NORMAL POWER
- PANELBOARD, EMERGENCY POWER
- MULTI OUTLET ASSEMBLY

GROUNDING

- GROUND ROD
- EXOTHERMIC WELD CONNECTION
- BOLTED CONNECTION
- BARE COPPER CONDUCTOR RUN EXPOSED
- BARE COPPER CONDUCTOR EMBEDDED IN CONCRETE OR BURIED

NURSE CALL SYSTEM

- NURSE CALL CALL LIGHT
- PATIENT CALL BUTTON
- NURSE CALL PULL CORD
- NURSE CALL MASTER STATION

LINE TYPES

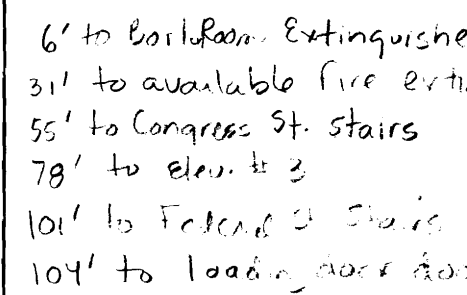
- EXISTING
- NEW
- DEMOLITION

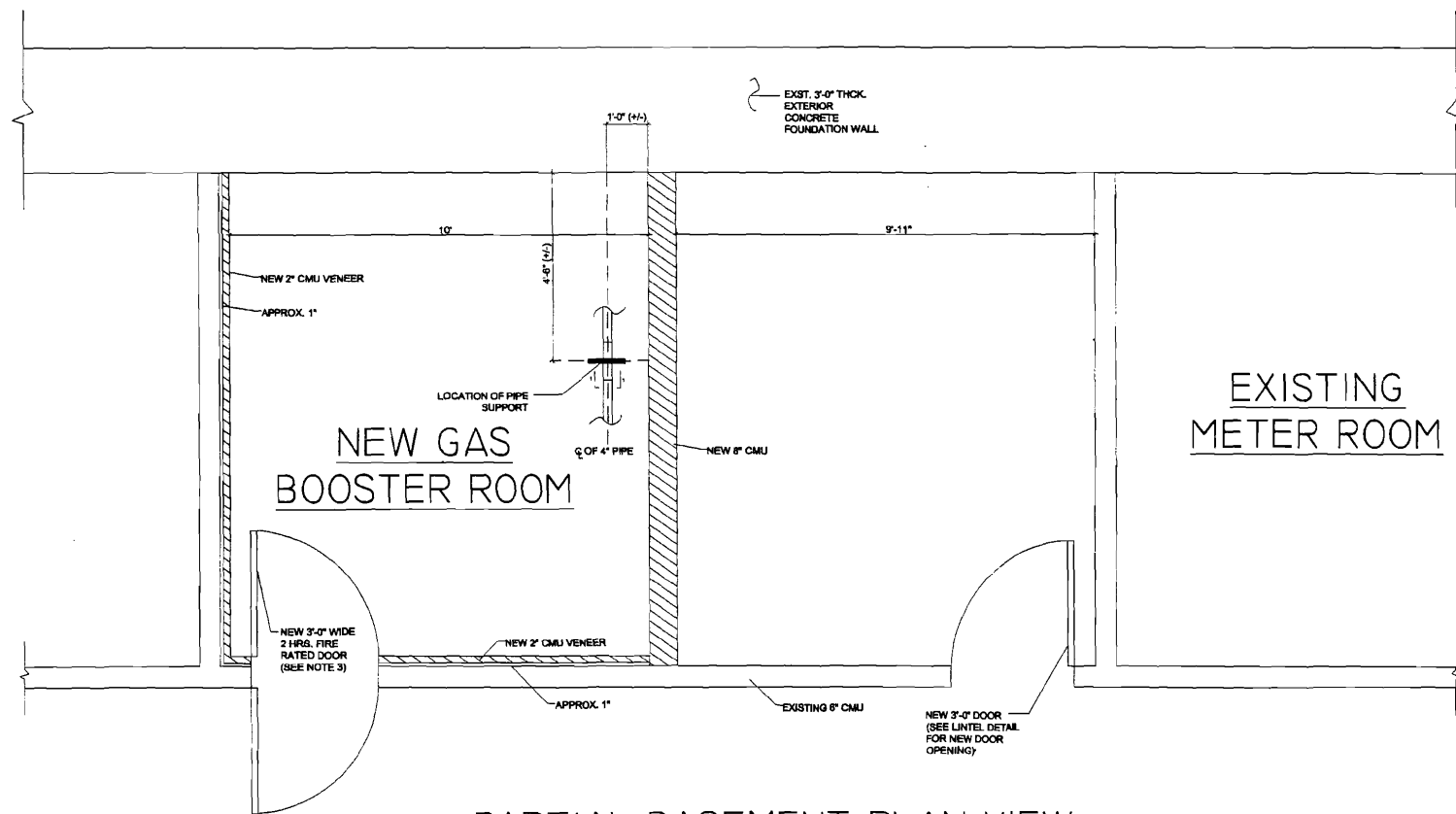
FIRE ALARM

- FIRE ALARM CONTROL PANEL
- FIRE ALARM ANNUNCIATOR
- FIRE ALARM MASTER BOX
- FIRE ALARM MANUAL PULL STATION
- FIRE ALARM SPEAKER/STROBE UNIT
- FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLIANCE (GENERAL EVACUATION)
- FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLIANCE (CLEAN ROOM NOTIFICATION (LOCAL))
- FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE CANDELA INTENSITY-15/75 UNLESS OTHERWISE NOTED
- PHOTOELECTRIC SMOKE DETECTOR, CEILING MOUNTED INDICATES AUXILIARY CONTACT.
- FIXED TEMPERATURE HEAT DETECTOR, CEILING MOUNTED.
- INDICATES EQUIPMENT INTERLOCKED WITH THE DETECTOR
- CLEAN ROOM SMOKE DETECTOR
- INDICATES EQUIPMENT INTERLOCKED WITH THE SMOKE DETECTOR
- COMBINATION RATE-OF-RISE/FIXED TEMPERATURE HEAT DETECTOR, CEILING MOUNTED
- DUCT SMOKE DETECTOR, PHOTOELECTRIC WITH AUXILIARY CONTACT.
- SPRINKLER SYSTEM FLOW SWITCH
- SPRINKLER SYSTEM TAMPER SWITCH
- FIRE ALARM SYSTEM MAGNETIC DOOR HOLDER
- INTERLOCK RELAY
- SMOKE DAMPER
- DUCT SMOKE DETECTOR REMOTE TEST INDICATOR
- KNOX BOX

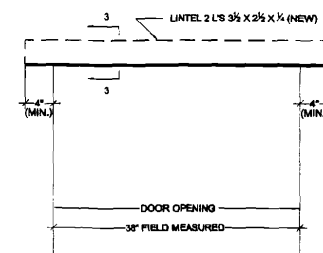
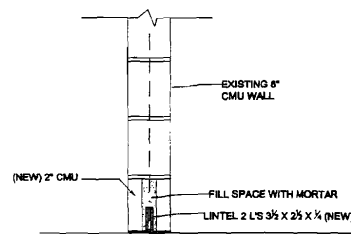
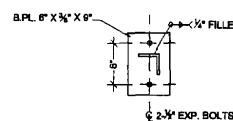
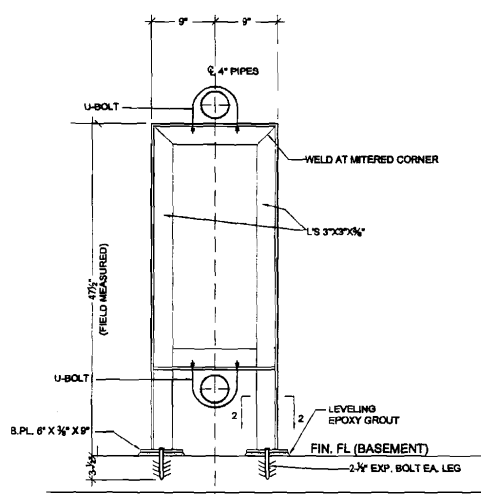
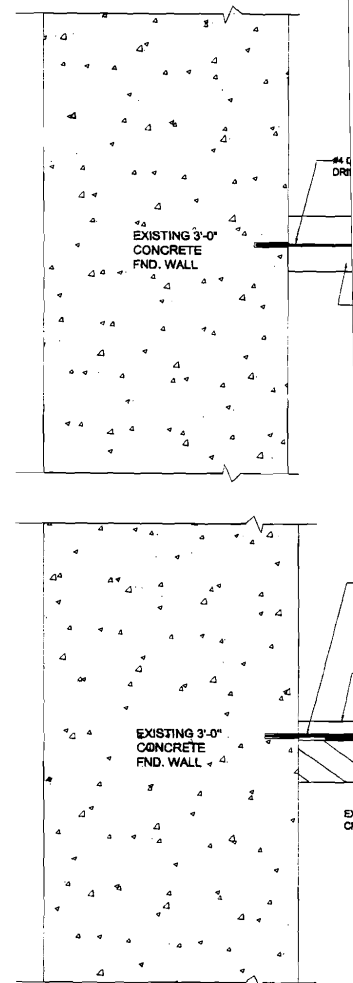
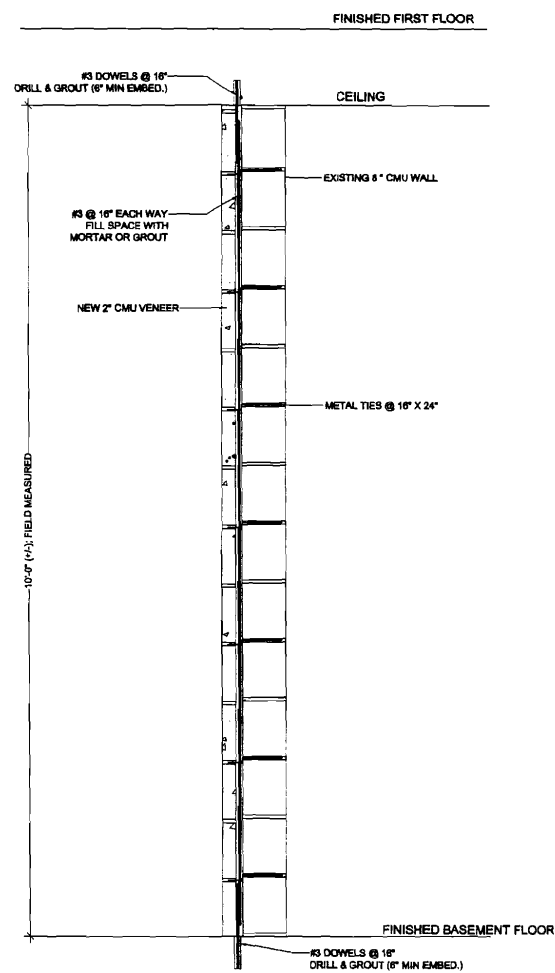
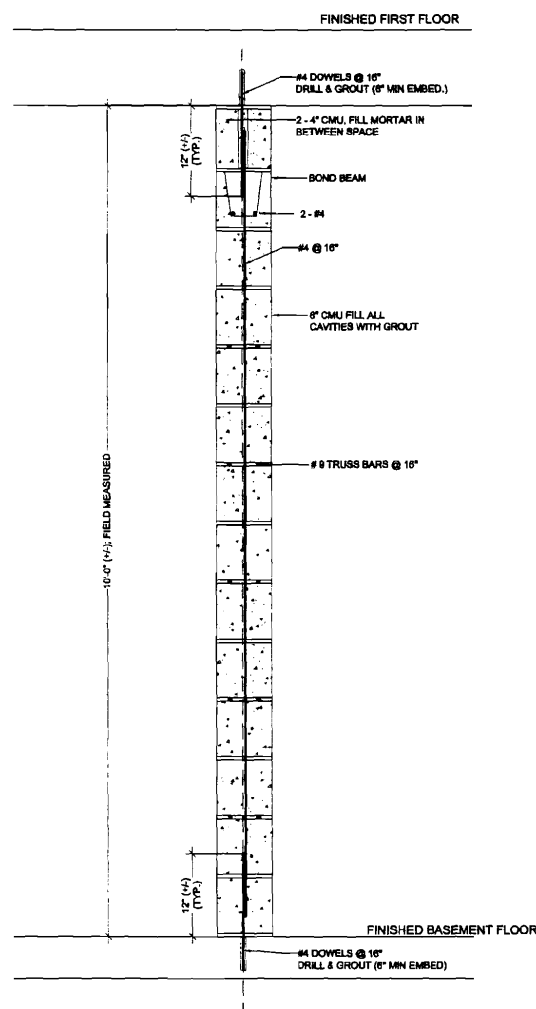
ONE LINE DIAGRAM

- MEDIUM VOLTAGE
- LOW VOLTAGE
- MOLDED CASE CIRCUIT BREAKER
- DISCONNECTOR
- FUSED DISCONNECT
- FUSED LOAD
- MAGNETIC SWITCH
- CAPACITOR
- VARIABLE FREQUENCY DRIVE
- POWER TRANSFORMER
- SHIELDED ISOLATION TRANSFORMER
- POTENTIAL TRANSFORMER
- CURRENT TRANSFORMER
- GROUND FAULT
- MOTOR, NUMERICAL
- GENERATOR
- ATS - AUTOMATIC TRANSFER SWITCH
- METER
- DIGITAL POWER METER
- METER TRANSFORMER
- TRANSIENT VOLTAGE
- LIGHTNING ARRESTER
- KEY INTERLOCK
- FUSE
- ELECTRONIC FUSE
- DRAWOUT DEVICE
- GROUND

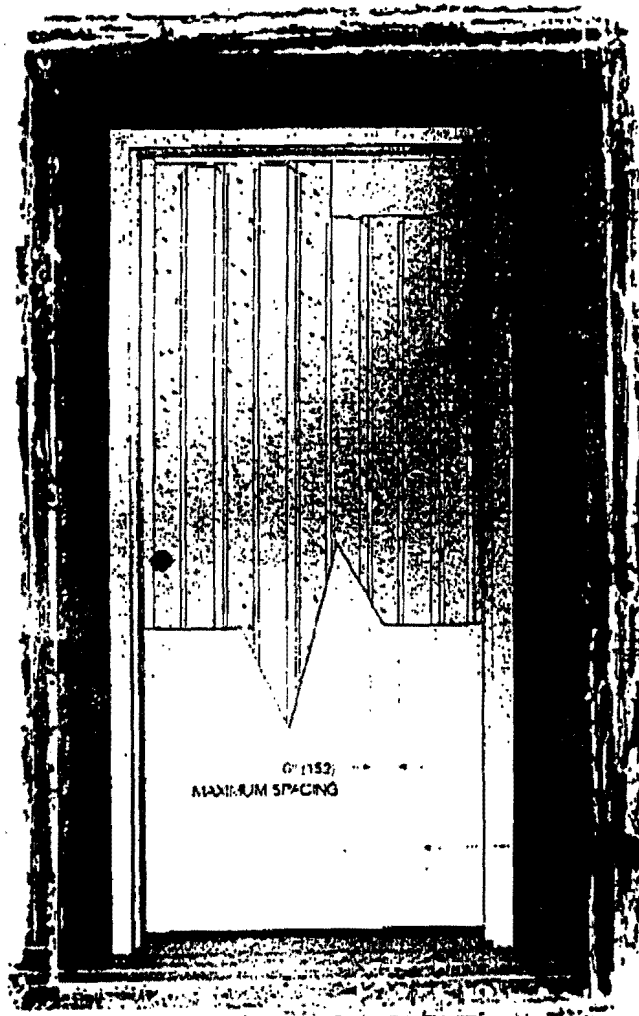

$$1/8'' = 1'-0''$$



PARTIAL BASEMENT PLAN VIEW



NEW MA	
M1	CONCP CONCP CONCP CONST
M2	MATER A. CO FM B. MC PA C. GR BE DA
M3	THE B CLEAN
M4	MASON C270 F
M5	PROVID MATCH
M6	CONTR PRESS



Engineering Specifications

DOOR STANDARD
CA (1.2), 16 CA (1.4)

DOOR
AT ENDS

DOOR (1.4)
FACE SKINS
TO RISE
MAX SPACING

An ASSA ABLOY Group company

ASSA ABLOY

Door Specs

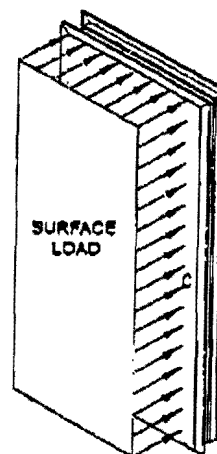
707 Door Series Physical Performance

Surface Load Test

Pressure was applied across a 707 series door installed in a test frame and deflection was recorded to determine maximum surface load achieved.

Surface Load (lb/ft ²)	Bottom Door Deflection (in)	Center Door Deflection (in)
720	0.005	0.050
1,440	0.250	1.406
1,585	0.269	1.406
1,730*	0.288	1.406
2,300	--	--

* 2300 lb/ft² was achieved but could not be sustained long enough for deflection reading.

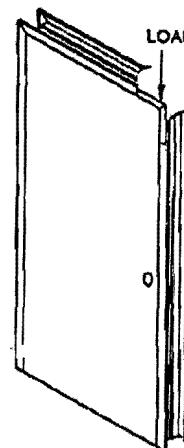


Sag Test

A downward force was applied at the lock edge top corner of a 707 series door installed in a test frame. Deflection was recorded between frame and top hinge location to determine maximum corner loading prior to hinge reinforcement failure.

Load (lb)	Deflection (in)
1,000	0.05
1,600	0.12
2,200	0.23
3,000	0.5
3,400	0.7
4,000*	1.02

* Top hinge screw threads stripped out after approximately 1 minute at load.



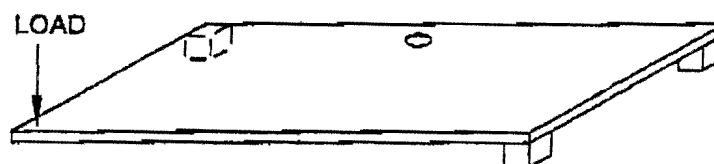
NOTE: Information Included in this data sheet is proprietary to CURRIES Company and subject to revision without notification.

707 Door Series Physical Performance

Racking Twist Test

Three corners of a 707 series door were supported and a load was applied to the unsupported corner. Deflection was measured to determine maximum rack load achieved.

Load (lb)	Deflection (in)
200	0.25
550	0.75
650	0.95
700	1.05
900	1.75
1050*	2.8

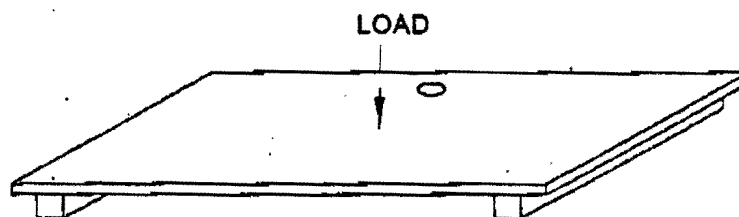


* Maximum sustainable load, 1.95" permanent deflection.

Bow Test

The ends of a 707 series door were supported across the width and a load was applied in the center. Deflection was measured to determine maximum load achieved.

Load (lb)	Deflection (in)
500	0.111
700	0.156
1,000	0.228
1,500	0.342
2,000*	0.489

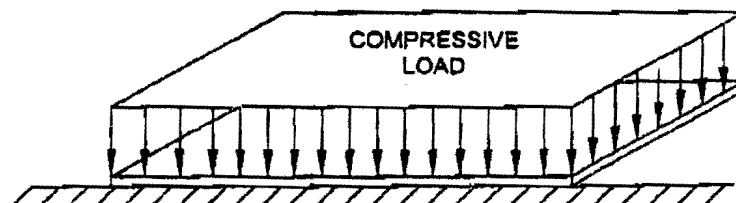


* Maximum sustainable load

Compression Load Test

A 707 series door samples was compressed to determine deflection achieved at varying compressive loads.

Compressive Load (lb)	Deflection (in)
30,000	0.16
35,000	0.51
55,000	0.91
75,000	1.3
100,000	1.46



NOTE: Information included in this data sheet is proprietary to CURRIES Company and subject to revision without notification.

CURRIES•GRAHAM**DS-0001**

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Revision: 15

Date: 3/10/08

Windstorm Assembly Specification**ASSEMBLY #6**

Doors: 3'-0" x 7'-0" 18 gauge, 707 flush; hinge lock and end channel welded together; Up to 3/4" undercut

Frames: 16 gauge

Hardware: SARGENT 8200 Series Mortise Lock; with latch bolt & dead bolt, 2-3/4" Backset required.

Certification: Underwriters Laboratories

FBC Approval: FL8394.5

Design Pressure: + 100 psf.

FRAMES		DOORS	
Description	3F	Label	UL windstorm label required; May be fire rated
CCW	Not allowed	Face Type	F
Length	Not allowed	Series	707, 707 Embossed, 707 CURRIStain
Label	UL windstorm label required; May be fire rated	Edge	S, N, T
Jamb Depth	5-3/4" Minimum	Gauge	18, 16*, 14 (* - Available in stainless)
Profile Type	M only; 2" face Min.	Steel Type	CR, RK, G90, Stainless Steel (SS)
Gauge	16*, 14*, OR 12 (* - Available in Stainless)	Width	3'-0" or Smaller
Steel Type	CR, RK, G90, Stainless Steel (SS)	Height	7'-0" or Smaller
Construction	KD; Welded at Curries or Service Center only	Door Thickness	4 only
Hand	Any	Hand	Reverse hand required; Out swing doors only
Active Leaf	N/A Singles Only	Mfg. Locations	Any SDI Member company locations
Anchor Type	Masonry T, Masonry Wire, WWS, WMP, WPS	Hinge Rail Ga.	14 ga. Minimum
Overall Width	40" or Smaller	Hinge	U453, 453, H453, 503 or H503
Double Opening	N/A Singles only	Double Opening	N/A Singles only
4" Face Head	Allowed, max. overall height 88"	Dead Lock	N/A
Overall Height	88" or Smaller	Lock/Strike Code	G3A; 2-3/4" backset required
Mfg. Locations	Any SDI Member company locations	Hwde Mfg.	SARGENT
Door Thickness	4 only	Function	Must be SARGENT 8200 with latch bolt and deadbolt
Hinge Prep	U453, 453, H453, 503, or H503	Trim	Any for Sargent 8200 with latch bolt and dead bolt
Strike Prep	E1 with 7 ga. plate reinforcement; See drawing on page 18.	Mull	Not Allowed
Dutch Frame	Not allowed	Closer Holder	CL Allowed
Header Prep	None required - closer allowed	Astragal	N/A
Silencers	Not Recommended - Interfere with weather-strips	Top Cap	Allowed, not required
		Special Instructions	Must weld lock, hinge, and end channels together. Must use DE0075 or DE0165

Hardware Specs

UL10B Neutral Pressure Fire Door Capabilities Chart
LABEL DOORS AND FRAMES

June, 2008

Series		L607	L707	L707	L707	L727 (2)	L747	L747	L757	L847	L857
Skin Gauges		20 or 18	20 or 18	20, 18, 16	14	18 or 16	18 or 16	14	16 or 14	14	14
Door Thickness		1 - 3/4	1 - 3/8	1 - 3/4	1 - 3/4	1 - 3/4	1 - 3/4	1 - 3/4	1 - 3/4	1 - 3/4	2
Inches (mm)		(44)	(35)	(44)	(44)	(44)	(44)	(44)	(44)	(44)	(51)
TYPE	RATING	MAXIMUM OPENING SIZE									
	SINGLE FLUSH 180 min. 90 min. 60 min. 45 min. 20 min.	4070 (1219x2154)	3676 (1067x2286)	4080 (1219x2438)	4080 (1219x2438)	4080 (1219x2438)	40100 (1219x3048)	4080 (1219x2438)		4080 (1219x2438)	4080 (1219x2438)
	SINGLE FLUSH 90 min. 60 min. 45 min. 20 min.	8070 (2438x2154)	3676 (1067x2286)	40100 (1219x3048)	4080 (1219x2438)	4080 (1219x2438)	40100 (1219x3048)	4080 (1219x2438)		4080 (1219x2438)	4080 (1219x2438)
	PAIR FLUSH 180 min. 90 min. 60 min. 45 min. 20 min.	8070 (2438x2154)	6070 (1829x2154)	8080 (2438x2438)	8080 (2438x2438)	8080 (2438x2438)	80100 (2438x3048)	8080 (2438x2438)		8080 (2438x2438)	
	PAIR FLUSH 90 min. 60 min. 45 min. 20 min.	8070 (2438x2154)	6070 (1829x2154)	80100 (2438x3048)	8080 (2438x2438)	8080 (2438x2438)	80100 (2438x3048)	8080 (2438x2438)		8080 (2438x2438)	
	OPEN BACK STRIKE FLUSH 90 min. 60 min. 45 min. 20 min.	8070 (2438x2154)		8080 (2438x2438)	8080 (2438x2438)		8080 (2438x2438)	8080 (2438x2438)			
	DBL EGRESS FLUSH 180 min. 90 min. 60 min. 45 min. 20 min.	8070 (2438x2154)		80100 (2438x3048)	8080 (2438x2438)	8080 (2438x2438)	80100 (2438x3048)	8080 (2438x2438)		8080 (2438x2438)	
	DBL EGRESS FLUSH 90 min. 60 min. 45 min. 20 min.	8070 (2438x2154)		80100 (2438x3048)	8080 (2438x2438)	8080 (2438x2438)	80100 (2438x3048)	8080 (2438x2438)		8080 (2438x2438)	
	SINGLE LOUVER 90 min. 45 min.	4070 (1219x2154)		40100 (1219x3048)	4080 (1219x2438)		40100 (1219x3048)	4080 (1219x2438)		4080 (1219x2438)	4080 (1219x2438)
	PAIR LOUVER 90 min. 45 min.	8070 (2438x2154)	6070 (1829x2154)	80100 (2438x3048)	8080 (2438x2438)		80100 (2438x3048)	8080 (2438x2438)		8080 (2438x2438)	
	DUTCH DOOR FLUSH 180 min. 90 min. 45 min. 20 min.			3872 (1118x2154)			3672 (1067x2154)				
	SINGLE EMBOSSED PANEL 180 min. 90 min. 45 min. 20 min.			3470 (1067x2154) (18 CA. only)							
	PAIR EMBOSSED PANEL 180 min. 90 min. 45 min. 20 min.			6870 (2032x2154) (18 CA. only)							
	SINGLE FULL GLASS 20 min. without hose stream			4080 (1219x2438)	4080 (1219x2438)		4080 (1219x2438)	4080 (1219x2438)			
	PAIR FULL GLASS 20 min. without hose stream			8080 (2438x2438)	8080 (2438x2438)		8080 (2438x2438)	8080 (2438x2438)			
	SOUND RATED FIRE DOOR FLUSH 90 min. 60 min. 45 min. 20 min.								4080 (1219x2438)		

NOTES: 1) SEE DOOR GLAZING SPECIFICATIONS FOR GLAZING REQUIREMENTS.
2) 180, 90, 45 MIN. LABELS ONLY.

KD Fire Door Frame Capabilities Chart

LABEL DOORS AND FRAMES

July 15, 2003

ASSA ABLOY

 ASSA ABLOY, the global leader
in door opening solutions

NEUTRAL AND POSITIVE PRESSURE

HOUR RATING		180 (3 HOUR) MASONRY WALLS ONLY	90 (1-1/2 HOUR)	45 (3/4 HOUR)	20 (20 MINUTE)
PROFILE TYPE	MAT'L GAUGE	JAMB DEPTH SIZES			
1" FACE FRAME (M)	16 14 12	4" MIN. - 14-1/2" MAX. (102) - (368)	4" MIN. - 14-1/2" MAX. (102) - (368)	4" MIN. - 14-1/2" MAX. (102) - (368)	4" MIN. - 14-1/2" MAX. (102) - (368)
1-1/4" - 4" FACE FRAME (M)	16 14 12	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)
(CM)	16 14	3-1/4" MIN. - 14" MAX. (83) - (356) ⁽²⁾	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)
(C) ^(1, 6)	16 14	NOT AVAILABLE	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)
(C) ^(1, 6)	16 14	NOT AVAILABLE	4-5/8" MIN. - 14" MAX. (117) - (368)	4-5/8" MIN. - 14" MAX. (117) - (356)	4-5/8" MIN. - 14" MAX. (117) - (356)
(G) ⁽¹⁾	16 14 12	NOT AVAILABLE	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)
(CMG)	16 14	3-1/4" MIN. - 14" MAX. (83) - (356) ⁽²⁾	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)
(DEM)	16 14 12	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (368)	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)
(DEC)	16 14	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (368)	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)
(WM)	16 14	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)
(WCM)	16 14	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)
(WG)	16 14	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)
(WCG)	16 14	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)	4-1/8" MIN. - 14-1/2" MAX. (105) - (368)
(WC) ⁽¹⁾	16	NOT AVAILABLE	4-5/8" MIN. - 14" MAX. (118) - (356)	4-5/8" MIN. - 14" MAX. (118) - (356)	4-5/8" MIN. - 14" MAX. (118) - (356)

 (1) COMPRESSION ANCHOR
(4) MASONRY WALLS ONLY

 (2) ONLY MASONRY WALLS WITH APPROVED CORNER CLIP
(5) 1/8 GAUGE AVAILABLE - SEE FOLLOWING PAGES

 (3) 3-1/4"-4" JAMB DEPTH FOR 1-3/8" DOORS ONLY
(6) 1/4 GA. AVAILABLE IN 2" FACE ONLY

CURRIES**ASSA ABLOY**ASSA ABLOY, the global leader
in door opening solutions**KD Fire Door Frame Capabilities Chart
LABEL DOORS AND FRAMES**

July 15, 2003

NEUTRAL AND POSITIVE PRESSURE

HOUR RATING		180 (3 HOUR) MASONRY WALLS ONLY	90 (1-1/2 HOUR)	45 (3/4 HOUR)	20 (20 MINUTE)
PROFILE TYPE	WALL RATING	OPENING SIZES			
1" FACE FRAME (M)	16 14 12	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 10'0"
1-1/4" FACE FRAME (M)	16 14 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(CM)	16 14	SINGLE: 4'0" X 10'0" ⁽¹⁾ PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(C) (1) (4)	16	NOT AVAILABLE	SINGLE: 3'8" X 7'0"	SINGLE: 3'6" X 7'0"	SINGLE: 3'6" X 7'0"
(C) (1)	16	NOT AVAILABLE	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"
(G)	16 14 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(CMG)	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0" 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(DEM)	16 14 12	PAIRS: 8'0" X 10'0" 12	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"
(DEC)	16 14	PAIRS: 8'0" X 10'0" 12	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"
(WM)	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(WCM)	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0" 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(WG)	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(WCG)	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0" 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
(WC) (1)	16	NOT AVAILABLE	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"

(1) COMPRESSION ANCHOR (2) ONLY MASONRY WALLS WITH APPROVED CORNER CLIP (3) 18 GAUGE AVAILABLE - SEE FOLLOWING PAGES
(4) 1-3/8" DOORS ONLY

CURRIES•GRAHAM

DS-0001

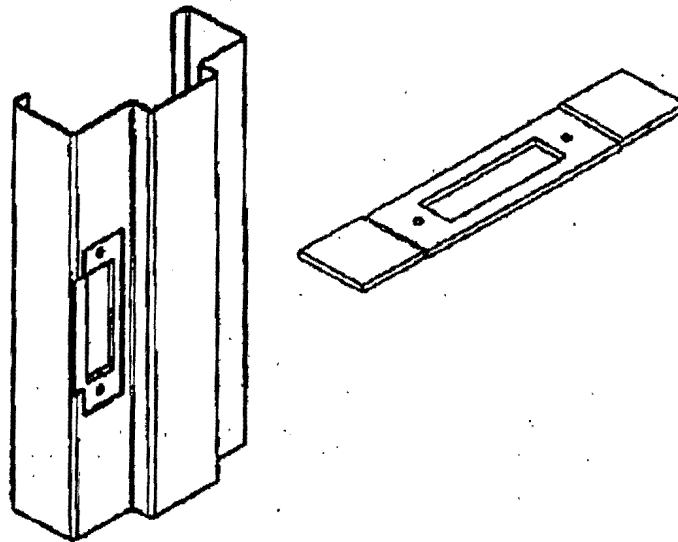
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Date: 3/10/08

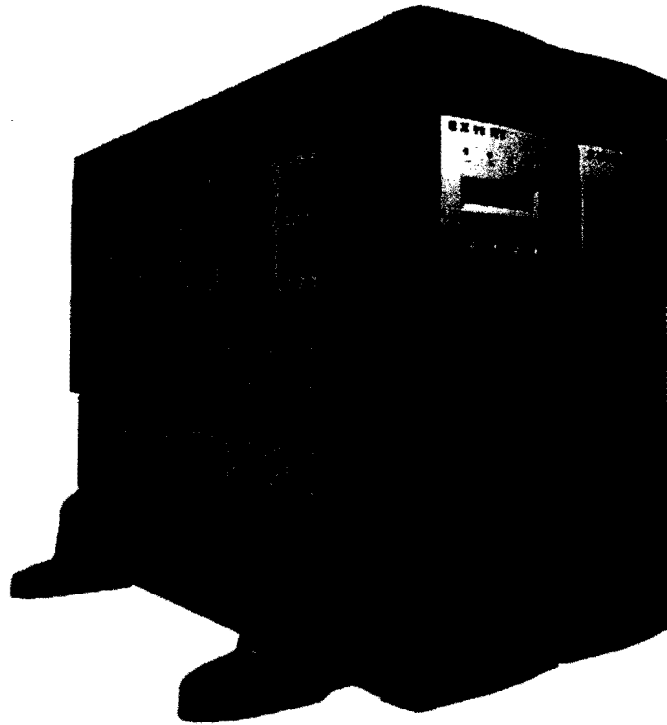
Windstorm Assembly Specification

Assembly 6 Special Strike Reinforcement



**7 GA STRIKE REINFORCEMENT
FOR SINGLE FRAME
USING MORTISE LOCK WITH
LATCH BOLT AND DEAD BOLT**

www.mgeups.com back-up UPS to be located
outside of room.



EX ~~5/7~~/11RT Systems

Installation and User Manual

M G E
UPS SYSTEMS

11/04/08

checked Rebar ok to
continue w/ wall S.M.A.

10/15/08 work okay Jim