

# City of Portland, Maine - Building or Use Permit Application

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

**PERMIT ISSUED**

Permit No: 01-0752	Issue Date: JUN 29 2001	CBL: 029 E006001
-----------------------	----------------------------	---------------------

Location of Construction: 100 Middle St	Owner Name: Middle Street Office Tower A	Owner Address: 100 Middle St Portland, ME 04101	Phone: 2077801680
Business Name: n/a	Contractor Name: Middle Street Management	Contractor Address: 100 Middle Street Portland	Phone: 2077801680
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Alterations - Commercial	Zone: B-3

Past Use: Commercial / Offices	Proposed Use: Commercial / Renovate existing offices	Permit Fee: \$432.00	Cost of Work: \$67,725.00	CEO District: 1
Proposed Project Description: Renovate Offices		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied INSPECTION: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Use Group: B Type: 1B WITH HAZARDOUS MATERIALS 1/99		

Signature: <i>UMM</i>	Signature: <i>[Signature]</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	Date:

Permit Taken By: gg	Date Applied For: 06/22/2001	<b>Zoning Approval</b>
------------------------	---------------------------------	------------------------

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..	<b>Special Zone or Reviews</b> <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>6/28/01</i>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <input 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>Any Extension work requires A separate review</i>
	<i>Separate permits are required for any new signage</i>		

**PERMIT ISSUED WITH REQUIREMENTS**

## 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
---	------	-------

**THIS IS NOT A PERMIT/CONSTRUCTION CANNOT COMMENCE UNTIL THE PERMIT IS ISSUED**

01-0747

**Building or Use Permit Pre-Application  
Attached Single Family Dwellings/Two-Family Dwelling  
Multi-Family or Commercial Structures and Additions Thereto**

In the interest of processing your application in the quickest possible manner, please complete the information below for a Building or Use Permit.

**NOTE\*\*** 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 (include Portion of Building): <b>100 MIDDLE STREET, EAST TOWER, 4TH FLOOR</b>			
Total Square Footage of Proposed Structure <b>2,500 S.F.</b>		Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Number Chart# <b>29</b> Block# <b>E</b> Lot# <b>6</b>		Owner: <b>MIDDLE STREET TOWER ASSOCIATES LIMITED PARTNERSHIP</b> Telephone: <b>(207) 780-1660</b>	
Owner's Address: <b>100 MIDDLE STREET PORTLAND, MAINE 04101</b>		Lessor/Buyer's Name (If Applicable) <b>BERRY, DUNN, MCNEIL + PARKER</b> Cost Of Work: <b>\$67,725.00</b> Fee: <b>\$432.00</b>	
Proposed Project Description: (Please be as specific as possible) <b>RENOVATIONS OF EXISTING OFFICES</b>			
Contractor's Name, Address & Telephone <b>MIDDLE STREET MANAGEMENT LLC 100 MIDDLE STREET PORTLAND, MAINE 04101 (207) 780-1660</b>		Rec'd By <b>6/22/01</b>	
Current Use: <b>PROFESSIONAL OFFICES</b>		Proposed Use: <b>PROFESSIONAL OFFICES</b>	

Separate permits are required for Internal & External Plumbing, HVAC and Electrical Installation.

- All construction must be conducted in compliance with the 1996 B.O.C.A. Building Code as amended by Section 6-Art II.
  - All plumbing must be conducted in compliance with the State of Maine Plumbing Code.
  - All Electrical Installation must comply with the 1996 National Electrical Code as amended by Section 6-Art III.
  - HVAC (Heating, Ventilation and Air Conditioning) Installation must comply with the 1993 BOCA Mechanical Code.
- You must include the following with you application:

- 1) A Copy of Your Deed or Purchase and Sale Agreement
- 2) A Copy of your Construction Contract, if available
- 3) A Plot Plan/Site Plan

Minor or Major site plan review will be required for the above proposed projects. The attached checklist outlines the minimum standards for a site plan.

**\* IF Available also  
Submit Plans on  
ADOBE OR CAD FORMS**

**4) Building Plans**

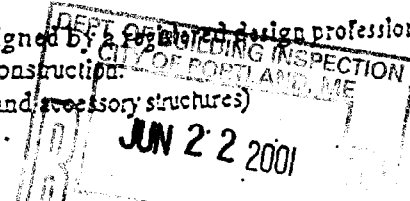
- Unless exempted by State Law, construction documents must be designed by a registered design professional. A complete set of construction drawings showing all of the following elements of construction:
- Cross Sections w/Framing details (including porches, decks w/ railings, and accessory structures)
  - Floor Plans & Elevations
  - Window and door schedules
  - Foundation plans with required drainage and dampproofing
  - Electrical and plumbing layout. Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review must be included.

**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/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: <b>WILLIAM F. MCNUGA, JR.</b> <i>William F. McNuga</i>	Date: <b>6/21/01</b>
---	----------------------

Building Permit Fee: \$30.00 for the 1st \$1000. cost plus \$6.00 per \$1,000.00 construction cost thereafter.  
Additional Site review and related fees are attached on a separate addendum



# BUILDING PERMIT REPORT

DATE: 26 June 2001 ADDRESS: 100 Middle St. CBL: 029-E-006  
REASON FOR PERMIT: Office reno.  
BUILDING OWNER: Middle St. Office Tower "A"  
PERMIT APPLICANT: CONTRACTOR Middle St. Mgmt.  
USE GROUP: B CONSTRUCTION TYPE: 1B CONSTRUCTION COST: 67,725.00 PERMIT FEES: 432.00

The City's Adopted Building Code (The BOCA National Building Code/1999 with City Amendments)  
The City's Adopted Mechanical Code (The BOCA National Mechanical Code/1993)

## CONDITION(S) OF APPROVAL

This permit is being issued with the understanding that the following conditions shall be met: \*1 \*21 \*22 \*23  
\*24 \*28 \*30 \*31 \*35 \*38 \*32

- \*1. This permit does not excuse the applicant from meeting applicable State and Federal rules and laws.
2. Before concrete for foundation is placed, approvals from the Development Review Coordinator and Inspection Services must be obtained. (A 24 hour notice is required prior to inspection) **"ALL LOT LINES SHALL BE CLEARLY MARKED BEFORE CALLING."**
3. Foundation drain shall be placed around the perimeter of a foundation that consists of gravel or crushed stone containing not more than 10 percent material that passes through a No. 4 sieve. The drain shall extend a minimum of 12 inches beyond the outside edge of the footing. The thickness shall be such that the bottom of the drain is not higher than the bottom of the base under the floor, and that the top of the drain is not less than 6 inches above the top of the footing. The top of the drain shall be covered with an approved filter membrane material. Where a drain tile or perforated pipe is used, the invert of the pipe or tile shall not be higher than the floor elevation. The top of joints or top of perforations shall be protected with an approved filter membrane material. The pipe or tile shall be placed on not less than 2" of gravel or crushed stone, and shall be covered with not less than 6" of the same material. Section 1813.5.2
4. Foundations anchors shall be a minimum of 1/2" in diameter, 7" into the foundation wall, minimum of 12" from corners of foundation and a maximum 6' O.C. between bolts. Section 2305.17
5. Waterproofing and dampproofing shall be done in accordance with Section 1813.0 of the building code.
6. Precaution must be taken to protect concrete and masonry. Concrete Sections 1908.9-19.8.10/ Masonry Sections 2111.3-2111.4.
7. It is strongly recommended that a registered land surveyor check all foundation forms before concrete is placed. This is done to verify that the proper setbacks are maintained.
8. Private garages located beneath habitable rooms in occupancies in Use Group R-1, R-2, R-3 or I-1 shall be separated from adjacent interior spaces by fire partitions and floor/ceiling assembly which are constructed with not less than 1-hour fire resisting rating. Private garages attached side-by-side to rooms in the above occupancies shall be completely separated from the interior spaces and the attic area by means of 1/2 inch gypsum board or the equivalent applied to the garage side. (Chapter 4, Section 407.0 of the BOCA/1999)
9. All chimneys and vents shall be installed and maintained as per Chapter 12 of the City's Mechanical Code. (The BOCA National Mechanical Code/1993). Chapter 12 & NFPA 211
10. Sound transmission control in residential building shall be done in accordance with Chapter 12, Section 1214.0 of the City's Building Code.
11. Guardrails & Handrails: A guardrail system is a system of building components located near the open sides of elevated walking surfaces for the purpose of minimizing the possibility of an accidental fall from the walking surface to the lower level. Minimum height all Use Groups 42". In occupancies in Use Group A, B.H-4, I-1, I-2, M, R, public garages and open parking structures, open guards shall have balusters or be of solid material such that a sphere with a diameter of 4" cannot pass through any opening. Guards shall not have an ornamental pattern that would provide a ladder effect. Handrails shall be a minimum of 34" but not more than 38". Exception: Handrails that form part of a guard shall have a height not less than 36 inches (914 mm) and not more than 42 inches (1067 mm). Handrail grip size shall have a circular cross section with an outside diameter of at least 1 1/4" and not greater than 2". (Sections 1021 & 1022.0). Handrails shall be on both sides of stairway. (Section 1014.7) **R-3 (ONE & TWO FAMILY DWELLINGS) GUARD HEIGHT IS 36" MINIMUM.**
12. Headroom in habitable space is a minimum of 7'6". (Section 1204.0)
13. Stair construction in Use Group R-3 & R-4 is a minimum of 10" tread and 7 1/2" maximum rise. All other Use Group minimum 11" tread, 7" maximum rise. (Section 1014.0)
14. The minimum headroom in all parts of a stairway shall not be less than 80 inches. (6'8") 1014.4
15. The Minimum required width of a corridor shall be determined by the most restrictive of the criteria under section 1011.3 but not less than 36".
16. Every sleeping room below the fourth story in buildings of Use Groups R and I-1 shall have at least one operable window or exterior door approved for emergency egress or rescue. The units must be operable from the inside without the use of special knowledge or separate tools. Where windows are provided as means of egress or rescue they shall have a sill height not more than 44 inches (1118mm) above the floor. All egress or rescue windows from sleeping rooms shall have a minimum net clear opening height dimension of 24 inches (610mm). The minimum net clear opening width dimension shall be 20 inches (508mm), and a minimum net clear opening of 5.7 sq. ft. (Section 1010.4)
17. Each apartment shall have access to two (2) separate, remote and approved means of egress. A single exit is acceptable when it exits directly from the apartment to the building exterior with no communications to other apartment units. (Section 1010.1)
18. All vertical openings shall be enclosed with construction having a fire rating of at least one (1) hour, including fire doors with self closure's. (Over 3 stories in height requirements for fire rating is two (2) hours. (Section 710.0)
19. The boiler shall be protected by enclosing with (1) hour fire rated construction including fire doors and ceiling, or by providing automatic extinguishment. (Table 302.1.1)

20. All single and multiple station smoke detectors shall be of an approved type and shall be installed in accordance with the provisions of the City's Building Code Chapter 9, Section 920.3.2 (BOCA National Building Code/1999), and NFPA 101 Chapter 18 & 19. (Smoke detectors shall be installed and maintained at the following locations):

- In the immediate vicinity of bedrooms
- In all bedrooms
- In each story within a dwelling unit, including basements

\*21. A portable fire extinguisher shall be located as per NFPA #10. They shall bear the label of an approved agency and be of an approved type. (Section 921.0)

\*22. The Fire Alarm System shall be installed and maintained to NFPA #72 Standard.

\*23. The Sprinkler System shall be installed and maintained to NFPA #13 Standard.

\*24. All exit signs, lights and means of egress lighting shall be done in accordance with Chapter 10 Section & Subsections 1023.0 & 1024.0 of the City's Building Code. (The BOCA National Building Code/1999)

25. Section 25 - 135 of the Municipal Code for the City of Portland states, "No person or utility shall be granted a permit to excavate or open any street or sidewalk from the time of November 15 of each year to April 15 of the following year".

26. The builder of a facility to which Section 4594-C of the Maine State Human Rights Act Title 5 MRSA refers, shall obtain a certification from a design professional that the plans commencing construction of the facility, the builder shall submit the certification the Division of Inspection Services.

27. Ventilation and access shall meet the requirements of Chapter 12 Sections 1210.0 and 1211.0 of the City's Building Code. (Crawl spaces & attics).

\*28. All electrical, plumbing and HVAC permits must be obtained by Master Licensed holders of their trade. No closing in of walls until all electrical (min. 72 hours notice) and plumbing inspections have been done.

29. All requirements must be met before a final Certificate of Occupancy is issued.

\*30. All building elements shall meet the fastening schedule as per Table 2305.2 of the City's Building Code (The BOCA National Building Code/1996).

\*31. Ventilation of spaces within a building shall be done in accordance with the City's Mechanical code (The BOCA National Mechanical Code/1993). (Chapter M-16)

*Separate permit is required for any New Signage*

32. Please read and implement the attached Land Use Zoning report requirements.

33. Boring, cutting and notching shall be done in accordance with Sections 2305.3, 2305.3.1, 2305.4.4 and 2305.5.1 of the City's Building Code.

34. Bridging shall comply with Section 2305.16.

\*35. Glass and glazing shall meet the requirements of Chapter 24 of the building code. (Safety Glazing Section 2406.0)

36. All flashing shall comply with Section 1406.3.10.

37. All signage shall be done in accordance with Section 3102.0 signs of the City's Building Code, (The BOCA National Building Code/1999).

\*38. Penetrations of rated assemblies shall comply with sections 707, 709, 711.0 & 714.1.1 through 714.1.6.2.

D. Samuel Hoffses, Building Inspector

cc: J. McDougall, PFD

Marge Schmuckal, Zoning Administrator

Michael Nugent, Inspection Service Manager

PSH 10/1/00

**\*\*This permit is herewith issued, on the basis of plans submitted and conditions placed on these plans, any deviations shall require a separate approval.**

**\*\*\*THIS PERMIT HAS BEEN ISSUED WITH THE UNDERSTANDING THAT ALL THE CONDITIONS OF THE APPROVAL SHALL BE COMPLETED. THEREFORE, BEFORE THE WORK IS COMPLETED A REVISED PLAN OR STATEMENT FROM THE PERMIT HOLDER SHALL BE SUBMITTED TO THIS OFFICE SHOWING OR EXPLAINING THAT THE CONDITIONS HAVE BEEN MET. IF THIS REQUIREMENT IS NOT RECEIVED YOUR CERTIFICATE OF OCCUPANCY SHALL BE WITHHELD. ( You Shall Call for Inspections )**

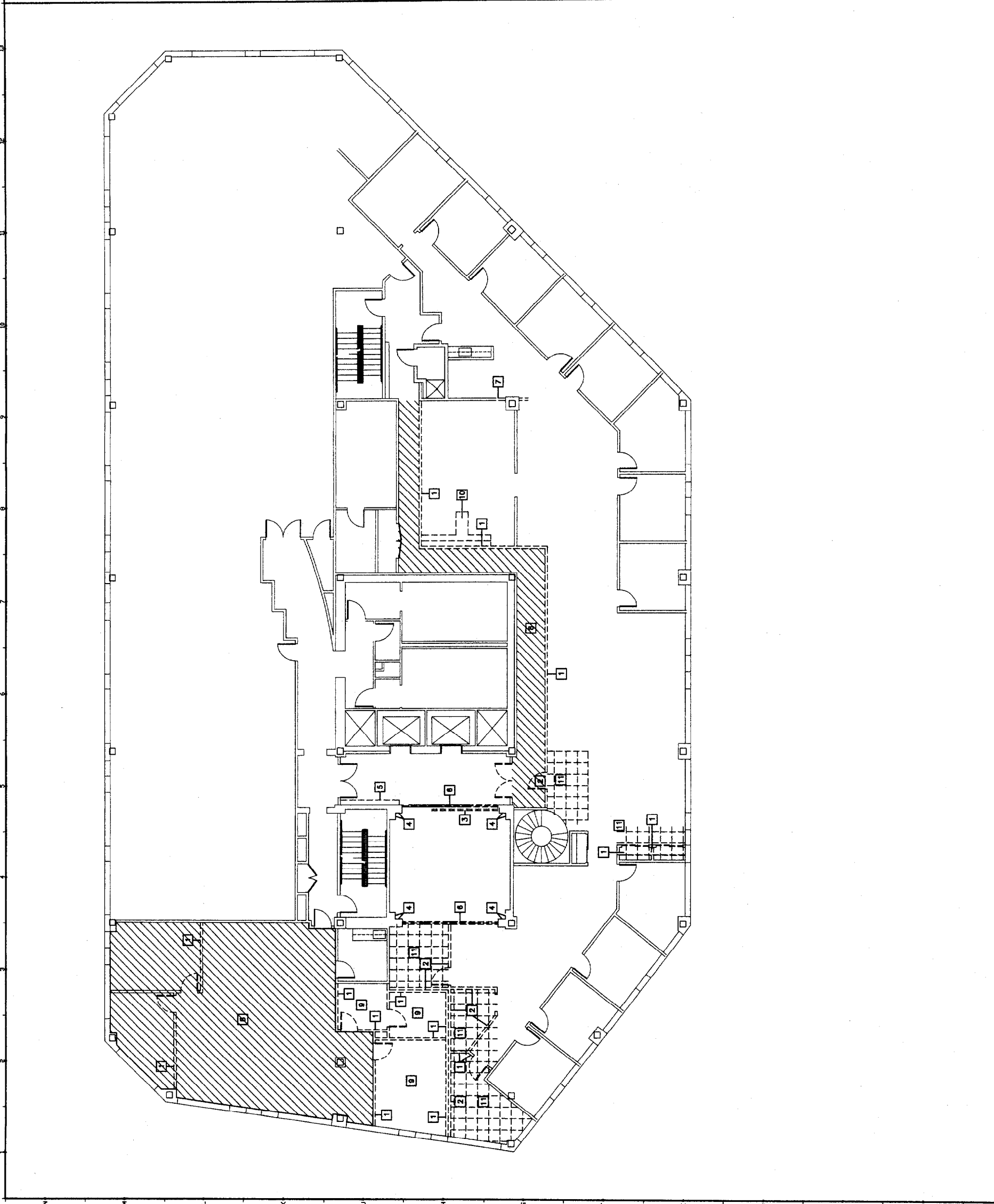
**\*\*\*\*ALL PLANS THAT REQUIRE A PROFESSIONAL DESIGNER'S SEAL, (AS PER SECTION 114.0 OF THE BUILDING CODE) SHALL ALSO BE PRESENTED TO THIS DIVISION ON AUTO CAD LT. 2000, DXF FORMAT OR EQUIVALENT.**

**\*\*\*\*\*CERTIFICATE OF OCCUPANCY FEE \$50.00**

**SMART**  
144 Fore Street/P.O. Box 618  
Portland, Maine 04104  
tel. (207) 772-3846  
fax. (207) 772-1070

**CERTIFIED PUBLIC ACCOUNTANTS  
MANAGEMENT CONSULTANTS  
100 MIDDLE STREET PORTLAND, MAINE**

COVER SHEET		JUL	
SCALE:	1/8"=1'-0"	A/E OF RECORD:	
PROJECT NAME:	ALBANY CO.	SUBT. CAD. EN. E. 010130 DWG	



GENERAL REMOVALS NOTES:

1. CONTRACTOR SHALL ERECT TEMPORARY PARTITIONS AND PROVIDE TEMPORARY FLOORING AND EXISTING AS REQUIRED BY THE CITY OF PORTLAND, CODE ENFORCEMENT AND FIRE DEPARTMENT.
2. COORDINATE EXTENT OF REMOVALS WITH LOCATIONS OF PARTITIONS DESCRIBED ON A/E101 AND WITH LOCATIONS OF FINISHES NOTED AS EXISTING TO REMAIN.
3. PROTECT ALL FINISHES, MATERIALS AND EQUIPMENT NOTED AS EXISTING TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ALL FINISHES, MATERIALS AND EQUIPMENT DAMAGED DURING CONSTRUCTION.
4. COORDINATE REMOVALS WITH STRUCTURAL, ELECTRICAL & MECHANICAL WORK.

KEY NOTES:

- 1 REMOVE PARTITION COMPLETELY.
- 2 REMOVE DEMOUNTABLE PARTITION COMPLETELY.
- 3 REMOVE GLASS GUARD RAIL COMPLETELY.
- 4 REMOVE GNB AND FRAMING TO EXTENT SHOWN.
- 5 REMOVE PANELING THAT CONCEALS SLIDING GLASS DOORS.
- 6 REMOVE GLASS PANELS AND WOOD FRAME.
- 7 REMOVE PARTITION AS NECESSARY FOR NEW CASED OPENING.
- 8 REMOVE CARPET TILE TO EXTENT SHOWN BY HATCHED AREA.
- 9 REMOVE VCT AS REQUIRED FOR NEW CARPET INSTALLATION.
- 10 REMOVE EXISTING CASEWORK (UPPER AND LOWER). SAVE FOR REINSTALLATION.
- 11 REMOVE EXISTING CARPET
- 12 REUSE EXISTING DOOR LOCK ON DOOR 415.



ARCHITECTURE ENGINEERING PLANNING  
SMRT  
144 FORT STRENGTH/PO BOX 618  
PORTLAND, MAINE 04104  
TEL (207) 773-3846  
FAX (207) 773-1070

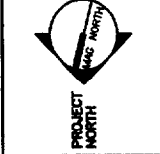


BERRY, DUNN MCNEIL & PARKER  
100 MIDDLE STREET  
PORTLAND, MAINE  
FOURTH FLOOR

PROJECT TITLE:

REV.	DESCRIPTION	DATE

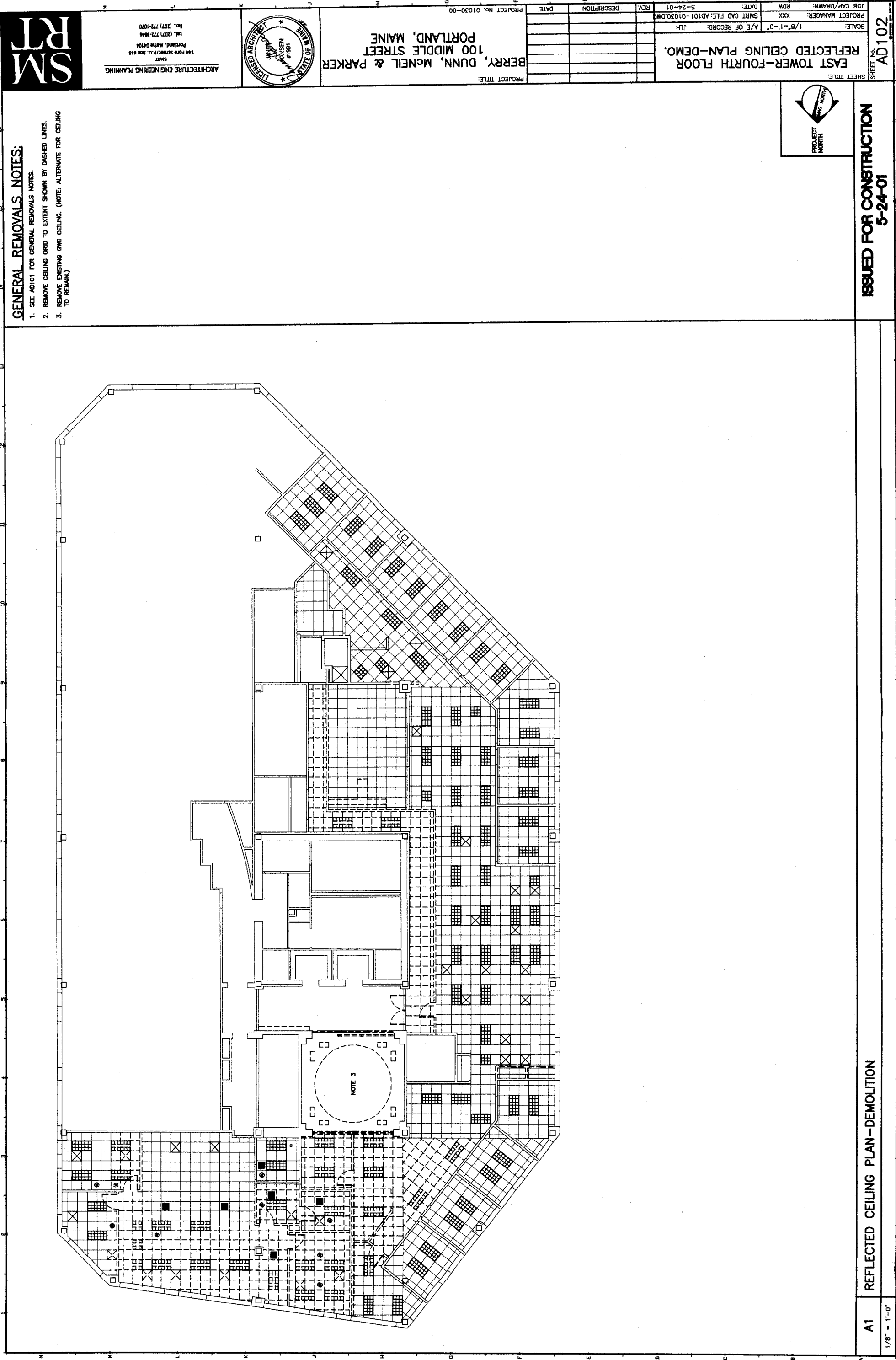
PROJECT MANAGER: XXX	DATE: 5-24-01
SMART CAD FILE: AD101-01030.DWG	A/E OF RECORD: JLH
SCALE: 1/8"=1'-0"	
EAST TOWER-FOURTH FLOOR PLAN-DEMOLITION	
SHEET TITLE:	



ISSUED FOR CONSTRUCTION  
5-24-01

A1 DEMOLITION PLAN  
1/8" = 1'-0"

SHEET No. AD101



**GENERAL REMOVALS NOTES:**

1. SEE AD101 FOR GENERAL REMOVALS NOTES.
2. REMOVE CEILING GRID TO EXTENT SHOWN BY DASHED LINES.
3. REMOVE EXISTING GWR CEILING. (NOTE: ALTERNATE FOR CEILING TO REMAIN.)



SMART  
ARCHITECTURE ENGINEERING PLANNING  
144 FORT STREET, P.O. BOX 618  
PORTLAND, MAINE 04104  
TEL. (207) 772-3846  
FAX. (207) 772-1070



PROJECT TITLE:  
**BERRY, DUNN, McNEIL & PARKER  
100 MIDDLE STREET  
PORTLAND, MAINE**

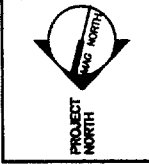
PROJECT No. 01030-00

REV.	DESCRIPTION	DATE
5-24-01		
SHEET TITLE: <b>EAST TOWER-FOURTH FLOOR REFLECTED CEILING PLAN-DEMO.</b>		
SCALE: 1/8"=1'-0"		
PROJECT MANAGER: XXX		
JOB CAP/DRAWN: XXX		
DATE: 5-24-01		
A/E OF RECORD: JLH		
SMART CAD FILE: AD101-01030.DWG		

**REFLECTED CEILING PLAN-DEMOLITION**

**A1**  
1/8" = 1'-0"

**ISSUED FOR CONSTRUCTION  
5-24-01**



**AD102**







REV.	DESCRIPTION	DATE

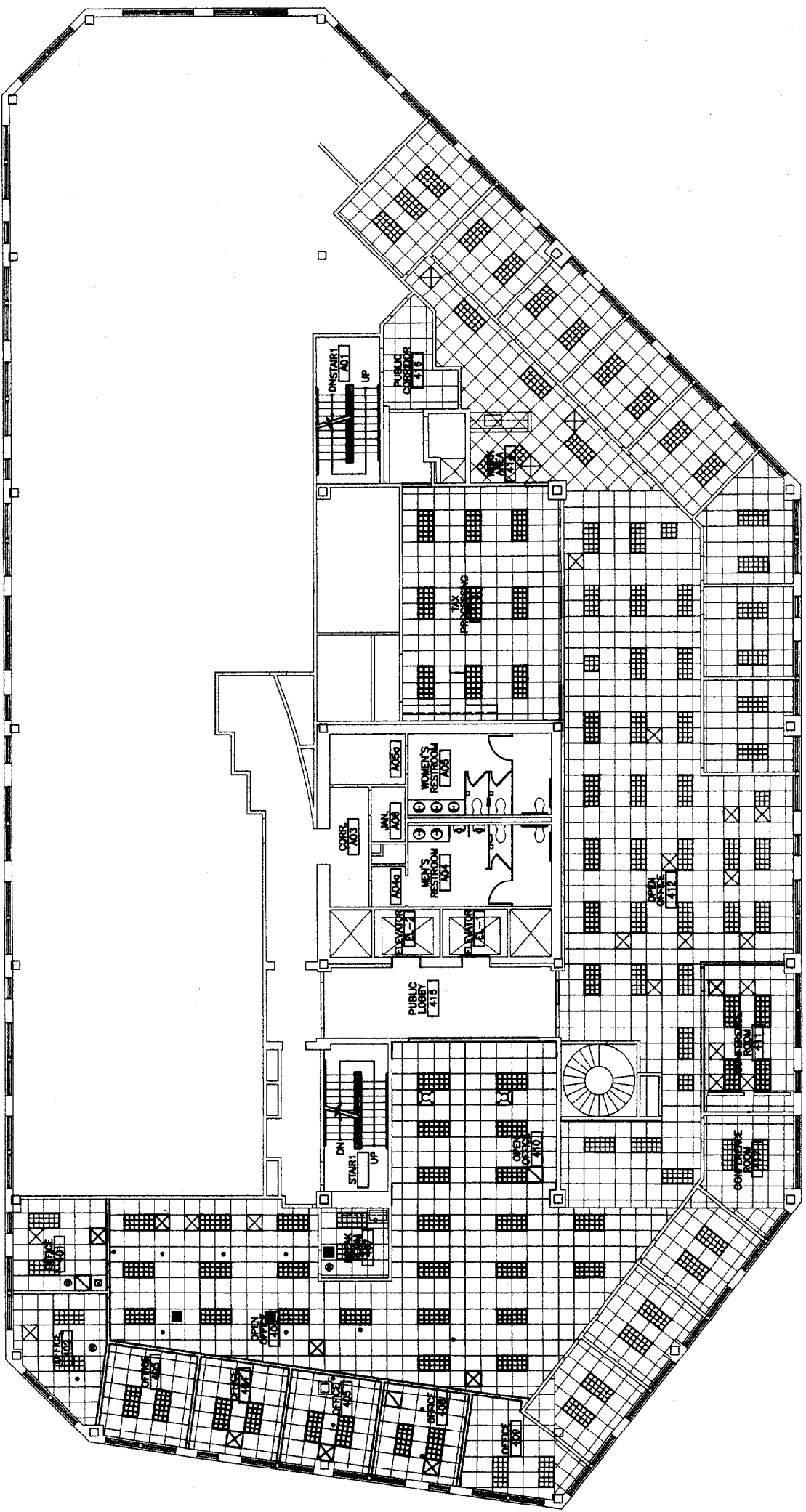
SCALE: 1/8"=1'-0"	A/E OF RECORD: JLH
PROJECT MANAGER: JLH	SMART CAD FILE: AE102-01030.DWG
JOB CAP/DRAWN: ROW	DATE: 5-24-01
SHEET TITLE: EAST TOWER-FOURTH FLOOR REFLECTED CEILING PLAN	
SHEET NO. AE102	

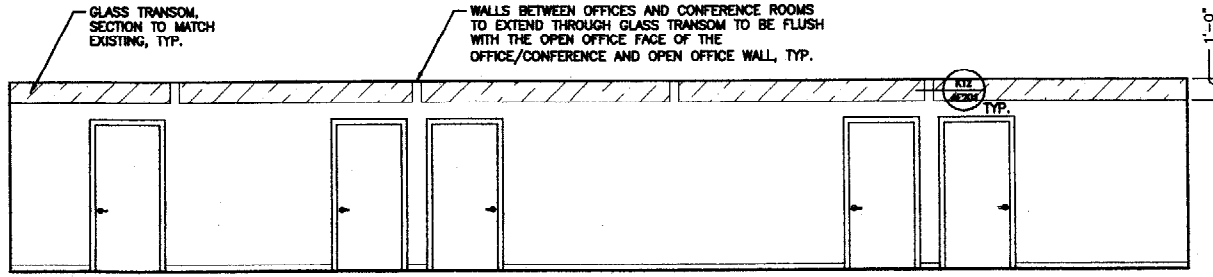


ISSUED FOR CONSTRUCTION  
5-24-01

A1 REFLECTED CEILING PLAN

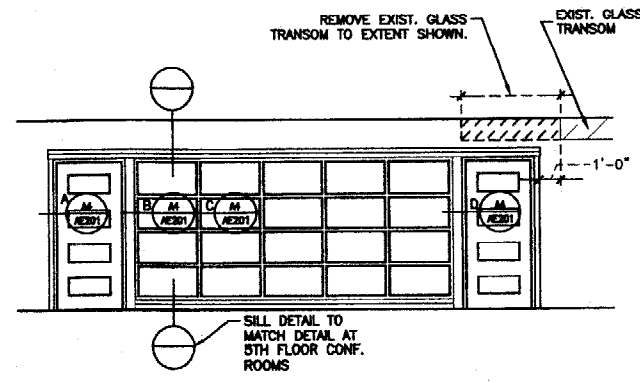
1/8" = 1'-0"





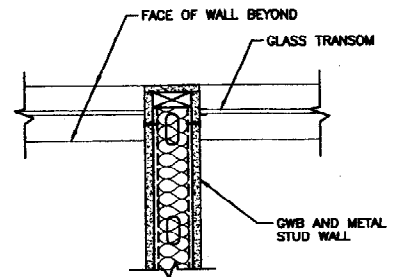
K1 ELEVATION

1/4" = 1'-0"



K9 ELEVATION

1/4" = 1'-0"



K12 PLAN DETAIL

1 1/2" = 1'-0"

ROOM FINISH SCHEDULE										
ROOM NUMBER	ROOM NAME	FLOOR	BASE	WALLS				CEILING		REMARKS
				NORTH	SOUTH	EAST	WEST	MATERIAL	HEIGHT	
401	OFFICE	CARPET	RESILIENT	VWC	VWC	VWC	VWC	EXIST. ACT		401
402	OFFICE	CARPET	RESILIENT	VWC	VWC	VWC	VWC	EXIST. ACT		402
403	OFFICE	CARPET	RESILIENT	VWC	VWC	VWC	VWC	NEW ACT	NOTE 7	403
404	OFFICE	CARPET	RESILIENT	VWC	VWC	VWC	VWC	NEW ACT	NOTE 7	404
405	OFFICE	CARPET	RESILIENT	VWC	VWC	VWC	VWC	NEW ACT	NOTE 7	405
406	OPEN OFFICE	CARPET	RESILIENT	PAINT	PAINT	PAINT	PAINT	EXIST. ACT		406
407	BREAK ROOM	VCT	RESILIENT	PAINT	PAINT	PAINT	PAINT	EXIST. ACT		407
408	OFFICE	CARPET	RESILIENT	VWC	VWC	VWC	VWC	NEW ACT	NOTE 7	408
409	OFFICE	NOTE 1	NOTE 3	NOTE 4	VWC	NOTE 4	EXIST. VWC	NOTE 5		409
410	OPEN OFFICE	CARPET	RESILIENT	PAINT	PAINT	PAINT	PAINT	NOTE 6	NOTE 7	410
411	CONFERENCE ROOM	NOTE 1	NOTE 3	VWC	VWC	VWC	VWC	NOTE 5		411
412	OPEN OFFICE	NOTE 1	NOTE 3	PAINT		PAINT	PAINT	NOTE 5		412
413	TAX PROCESSING	NOTE 1	NOTE 3	PAINT		PAINT	PAINT	NOTE 5		413
414	WORK AREA	EXIST. CARP.	EXIST.	PAINT	EXIST.	EXIST.		EXIST. ACT		414
415	PUBLIC LOBBY	NOTE 2	NOTE 2	NOTE 2	NOTE 2	NOTE 2	NOTE 2	NOTE 2		415
416	PUBLIC CORRIDOR	EXIST. CARP.	NOTE 3	PAINT	EXIST.	EXIST.	EXIST.	EXIST. ACT		416
417	CONFERENCE ROOM	EXIST. CARP.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST. ACT		417

NOTES LEGEND

- NOTE 1: PATCH EXISTING CARPET WITH NEW TO MATCH  
NOTE 2: BUILDING MGMT. TO COORDINATE/PROVIDE FINISHES  
NOTE 3: PROVIDE RESILIENT BASE AT NEW/AND/OR EXISTING PARTITIONS TO MATCH.  
NOTE 4: EXISTING VINYL WALL COVERING TO REMAIN, PROVIDE NEW AT NEW PARTITIONS.  
NOTE 5: REWORK EXIST. ACT CEILING AS REQUIRED.  
NOTE 6: PROVIDE NEW ACT CEILING OR ALTERNATE FOR EXISTING GWB CEILING TO REMAIN.  
NOTE 7: CEILING HEIGHT TO MATCH HEIGHT OF EXISTING CEILINGS TO REMAIN.

FINISH MATERIALS

1. CARPET: CARPET TO BE J & J MASTERPOINT CG COLOR: BERYL. PLEASE NOTE THAT CARPET WILL BE A SPECIAL ORDER. CONTACT LINDA LOWELL AT CAPOZZA.  
2. VCT: PROVIDE ARMSTRONG, COMPANION SQUARE, COLOR TO BE SELECTED.  
3. PAINT: MATCH EXISTING PAINT FOR WALLS AND HOLLOW METAL FRAMES.  
4. VINYL WALL COVERING: KOROSEAL WALL COVERINGS, MURATONE, COLOR TO MATCH EXISTING.  
5. RESILIENT BASE: MATCH EXISTING 4" BASE IN COLOR & PROFILE.  
6. ACOUSTICAL CEILING: MATCH EXISTING CEILING TILE (2'x2') AND GRID. PLEASE NOTE THAT THERE ARE BOTH NARROW (9/16") AND WIDE GRIDS (15/16") REQUIRED.  
7. PROVIDE ALTERNATIVE PRICE AT ALL ROOMS TO RECEIVE VWC FOR WATER-BASED POLOMYX TO MATCH EXISTING VINYL WALL COVERING.

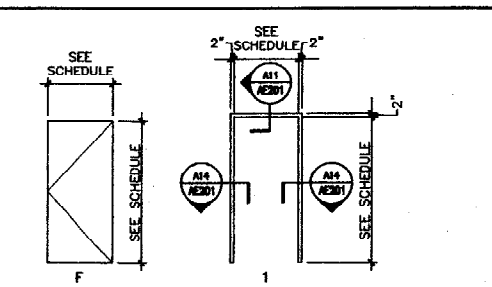
DOOR SCHEDULE													
DOOR NUMBER	DOOR			GLAZING	FRAME					HWS	FIRE RATING (MIN.)	DOOR NUMBER	REMARKS
	SIZE	MATERIAL	ELEVATION		MATERIAL	ELEVATION	HEAD	JAMB	SILL				
401	3'-0" x 6'-8" x 1 3/4"	WOOD	F	—	HM	1	A11	A14	—	1	—	401	1
402	3'-0" x 6'-8" x 1 3/4"	WOOD	F	—	HM	1	A11	A14	—	1	—	402	.
403	3'-0" x 6'-8" x 1 3/4"	WOOD	F	—	HM	1	A11	A14	—	1	—	403	1
404	3'-0" x 6'-8" x 1 3/4"	WOOD	F	—	HM	1	A11	A14	—	1	—	404	1
405	3'-0" x 6'-8" x 1 3/4"	WOOD	F	—	HM	1	A11	A14	—	1	—	405	1
406	EXISTING DOOR	WOOD	F	—	HM	1	-	-	—	1	-	406	4
408	3'-0" x 6'-8" x 1 3/4"	WOOD	F	—	HM	1	A11	A14	—	1	—	408	1
409	3'-0" x 6'-8" x 1 3/4"	WOOD	F	—	HM	1	A11	A14	—	1	—	409	.
411	3'-0" x 6'-8" x 1 3/4"	WOOD	SG	EXIST.	HM	1	A11	A14	—	1	—	411	2, 5
415	1 LEAF OF EXIST. PAIR	WOOD	EXIST.	EXIST.	WOOD	SEE REMARK	-	-	-	2	-	415	3
417	EXISTING DOOR	-	-	-	-	-	-	-	-	-	-	417	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-

DOOR SCHEDULE NOTES

1. CONTRACTOR TO VERIFY THAT 6 EXISTING FRAMES AND DOORS CAN BE RE-USED.  
2. EXISTING HARDWARE TO BE RE-USED.  
3. NEW WOOD DOORS TO MATCH EXISTING (OAK).  
4. HWS 1: EACH DOOR TO HAVE HINGES, LATCHES, DOORSTOP.  
5. HWS 2: RE-USE HINGES & CLOSER FROM EXISTING DOOR.  
RE-USE PUSH BUTTON LOCKSET FROM "OLD" ENTRANCE DOOR.

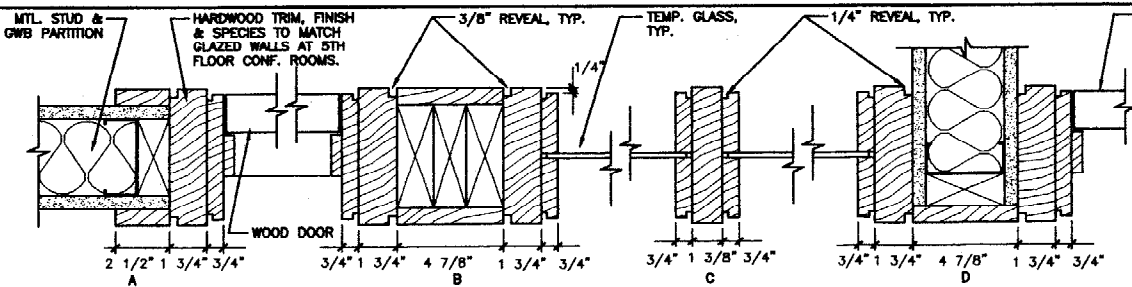
REMARKS:

1. RE-USE EXISTING DOOR/FRAME.  
2. RELOCATE DOOR FROM EXISTING ROOM 409.  
3. PROVIDE NEW WOOD FRAME TO MATCH EXIST.  
4. PROVIDE NEW PUSH BUTTON LOCK.  
5. GLAZED WALL ALTERNATE: PROVIDE DOOR TO MATCH DOORS IN GLAZED/OAK PARTITION ON 5TH FLOOR.



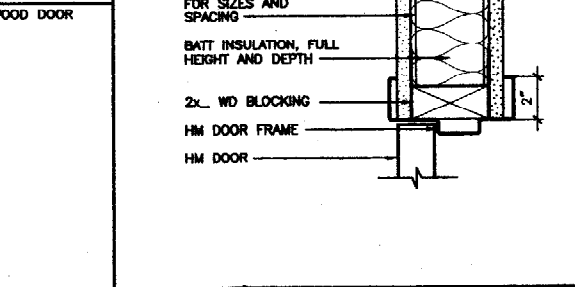
A1 DOOR AND FRAME TYPES

1/4" = 1'-0"



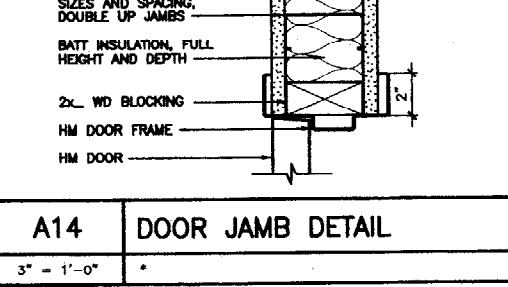
A4 GLAZED WALL DETAILS

3" = 1'-0"



A11 DOOR HEAD DETAIL

3" = 1'-0"



A14 DOOR JAMB DETAIL

3" = 1'-0"

ISSUED FOR CONSTRUCTION  
5-24-01

SM  
RT

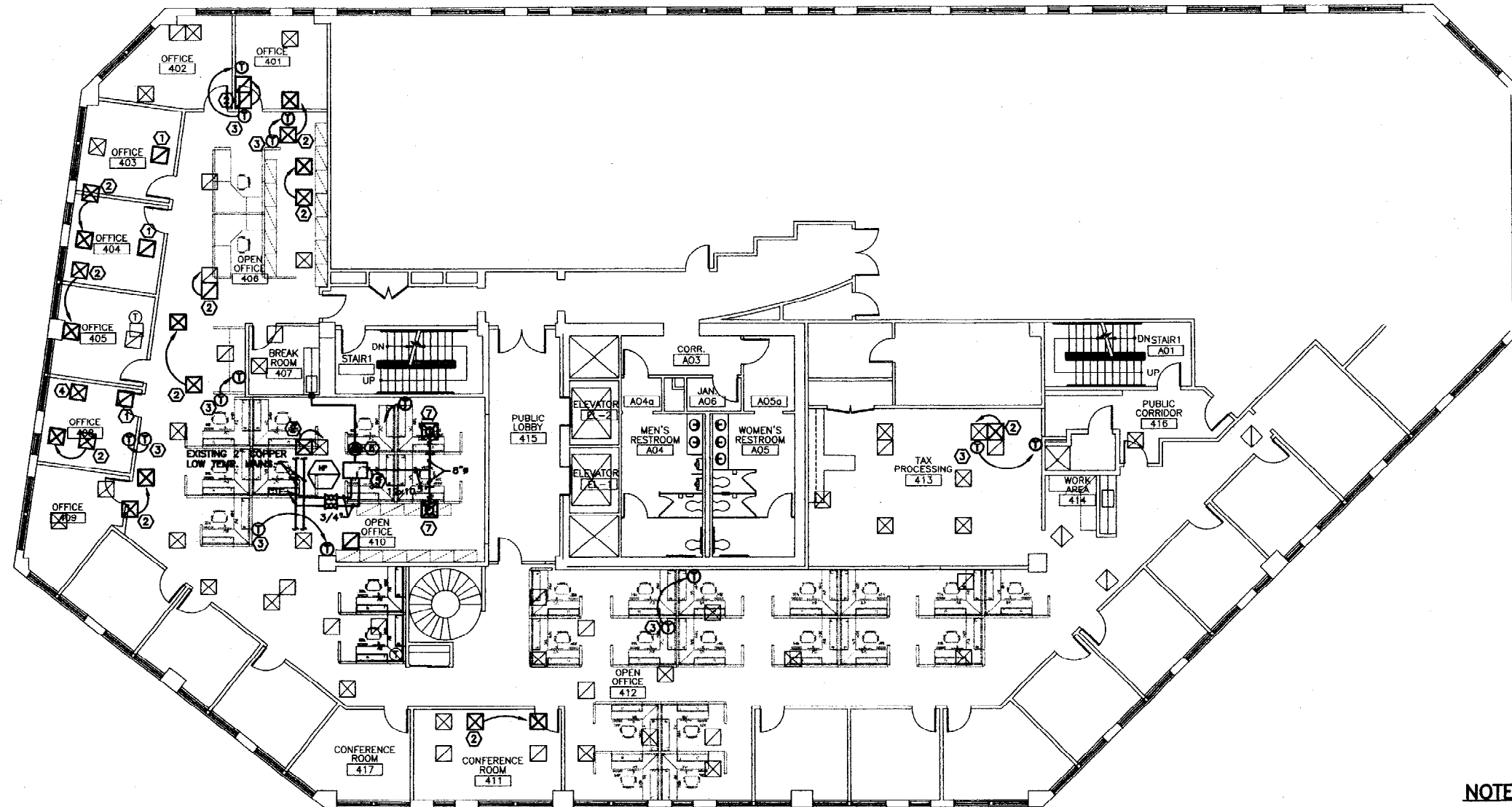
ARCHITECTURE ENGINEERING PLANNING  
SMRT  
144 Park Street, P.O. Box 518  
Portland, Maine 04104  
Tel: (207) 773-3444  
Fax: (207) 773-1070

LICENSED ARCHITECT  
JANET  
HARRIS  
#1281  
STATE OF MAINE

PROJECT TITLE:  
BERRY, DUNN MCNEIL & PARKER  
100 MIDDLE STREET  
PORTLAND, MAINE  
FOURTH FLOOR  
PROJECT No. 01030-00

DATE  
DESCRIPTION  
REV.

SHEET No.  
AE201



**NOTE:**

1. ADJUST EXISTING SPRINKLER HEADS TO ACCOMMODATE PLAN CHANGES, AS REQUIRED.

**KEYED NOTES:**

- ① KRUEGER MODEL SS85H, 12"x12", LAY-IN RETURN GRILLE, OPEN TO CEILING PLENUM ABOVE.
- ② RELOCATE EXISTING CEILING DIFFUSER/GRILLE. ADJUST DUCTWORK ABOVE CEILING AS REQUIRED.
- ③ RELOCATE EXISTING THERMOSTAT TO ACCOMMODATE PLAN CHANGE. RECONNECT WIRING AT PROPOSED LOCATION, AS REQUIRED.
- ④ DELETE DIFFUSER/GRILLE AND REMOVE ALL DUCTWORK BACK TO MAIN TRUNK. CAP & SEAL OPENING IN MAIN TRUNK.
- ⑤ TRANE MODEL GEHV, 1 TON NOMINAL SIZE, WATER SOURCE HEAT PUMP 12 MBH TOTAL COOLING CAPACITY, STANDARD BLOWER, MEDIUM SPEED, 2.0 GPM, 208V/1PH, FLUID 20% ETHYLENE GLYCOL, WITH HOSE AND AUTOMATIC SELF-BALANCING KIT. UNIT FLA 5.7A.
- ⑥ LITTLE GIANT MODEL VCMA-20UL 115V CONDENSATE PUMP. ROUTE 1" TYPE L COPPER CONDENSATE DRAIN TO INDIRECT WASTE BELOW BREAKROOM SINK. INSULATE W/ 1/2" ARMAFLEX. PROVIDE CLEANOUTS AT PIPING TURNS.
- ⑦ KRUEGER MODEL SH4, 9x9 LAY-IN DIFFUSER W/ 8" ROUND NECK. BALANCE TO 210 CFM.

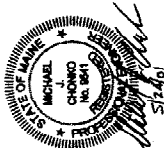
A1 BUILDING A, 4TH FLOOR PLAN

1/8" = 1'-0"

**ISSUED FOR REVIEW**  
**5-10-01**

**SM**  
**RT**

ARCHITECTURE ENGINEERING PLANNING  
SMRT  
144 Fore Street, P.O. Box 615  
Portland, Maine 04104  
Tel: (207) 772-3446  
Fax: (207) 772-1070



PROJECT TITLE:  
**BERRY, DUNN McNEIL & PARKER**  
**100 MIDDLE STREET**  
**PORTLAND, MAINE**  
FOURTH FLOOR  
PROJECT No. 01030-00

REV.	DESCRIPTION	DATE

SHEET TITLE:  
**EAST TOWER-FOURTH FLOOR**  
**MECHANICAL PLAN**

SCALE: 1/8"=1'-0"  
A/E OF RECORD: JPP  
PROJECT MANAGER: ROW  
JOB CAP/DRAWN: LAC  
DATE: 5-10-01  
SHEET No. **MH101**

## LIGHTING

	2x4 FLUORESCENT FIXTURE TYPE AS SCHEDULED ASSOCIATED CONTROL DEVICE
	1x4 FLUORESCENT FIXTURE
	2x2 FLUORESCENT FIXTURE
	FIXTURE WIRED TO UNSWITCHED EMERGENCY CIRCUIT
	FIXTURE WIRED TO UNSWITCHED NORMAL CIRCUIT
	FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT
	DOWN LIGHT
	TRACK LIGHTING
	FLUORESCENT STRIP
	WALL MOUNTED FIXTURES
	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
	POLE MOUNTED SITE LIGHTING FIXTURE TYPE AS SCHEDULED
	BOLLARD TYPE SITE LIGHTING FIXTURE
	FLOOD LIGHT
	WALL PACK
	SINGLE POLE TOGGLE SWITCH INDICATES CONTROLLED FIXTURE
	3-WAY TOGGLE SWITCH
	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
	PASSIVE INFRARED WALL SWITCH.
	KEYED SWITCH
	TIME CLOCK
	LIGHTING CONTACTOR
	PHOTOELECTRIC CONTROL
	OCCUPANCY SENSOR CONTROL UNIT
	UNSWITCHED CONTINUATION OF BRANCH CIRCUIT
	HOME RUN
	OCCUPANCY SENSOR 1. NORMAL ANGLE 2. WIDE ANGLE 3. 360° COVERAGE 4. AMBIENT LIGHT SENSOR
	OCCUPANCY SENSOR RELAY

## POWER

	NON-FUSED SAFETY SWITCH NEMA ENCLOSURE RATING AMPERE RATING
	FUSED SAFETY SWITCH. TOP NUMBER INDICATES SWITCH AMPERE RATING. LOWER NUMBER INDICATES FUSE RATING NEMA ENCLOSURE RATING
	MAGNETIC MOTOR STARTER. FVAR UNLESS INDICATED OTHERWISE NEMA ENCLOSURE RATING (TYPICAL) NEMA SIZE
	COMBINATION CIRCUIT BREAKER/MAGNETIC MOTOR STARTER NUMBER INDICATES CIRCUIT BREAKER AMPERE RATING/NEMA STARTER SIZE
	COMBINATION FUSED DISCONNECT/MAGNETIC MOTOR STARTER NUMBER INDICATES DISCONNECT AMPERE RATING/FUSE RATING/NEMA STARTER SIZE
	NON-FUSED DISCONNECT/MAGNETIC MOTOR STARTER NUMBER INDICATES DISCONNECT AMPERE RATING/NEMA STARTER SIZE
	MANUAL MOTOR STARTER, TOGGLE OPERATED, 1, 2 OR 3 POLE AS REQUIRED
	MANUAL MOTOR SWITCH, TOGGLE OPERATED, SINGLE PHASE. 1 OR 2 POLE AS REQUIRED (NO OVERLOAD PROTECTION)
	ENCLOSED CIRCUIT BREAKER
	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 STATION
	PUSH BUTTON STATION
	JUNCTION BOX
	TRANSFORMER
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	EY CONDUIT SEAL
	DUPLEX RECEPTACLE, NEMA 5-20R. INSTALLED ON EMERGENCY CIRCUIT (TYPICAL)
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R
	HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA 5-20R
	HOSPITAL GRADE GFCI DUPLEX RECEPTACLE, NEMA 5-20R
	HOSPITAL GRADE ISOLATED GROUND DUPLEX RECEPTACLE, NEMA 5-20R
	SINGLE RECEPTACLE, NEMA 5-20R
	DOUBLE DUPLEX 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
	MOTORIZED DAMPER
	POWER POLE
	WALL OUTLET FOR MODULAR FURNITURE
	SINGLE PHASE SPEED CONTROLLER

## COMMUNICATION & DATA SYSTEMS

	TELEPHONE SYSTEM WALL JACK. MOUNT 18" AFF. W-INDICATES WALL MOUNTED AT 48" AFF. P-INDICATES PAYPHONE.
	VOICE/DATA OUTLET (EXISTING).
	DATA SYSTEM OUTLET. (EXISTING)
	VOICE/DATA SYSTEM OUTLET. (BOX ONLY)
	CATV TELEVISION SYSTEM OUTLET. MOUNT 84" 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
	CLOCK SPEAKER
	WALL MOUNTED CLOCK
	FLOOR MOUNTED VOICE & DATA OUTLET

## SECURITY SYSTEMS

	DOOR CONTACT
	CARD READER
	KEY PAD
	CLOSED CIRCUIT TELEVISION CAMERA
	ELECTRIC STRIKE

## FIRE ALARM

	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR
	FIRE ALARM MASTER BOX
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLIANCE (GENERAL EVACUATION)
	FIRE ALARM SPEAKER/STROBE UNIT
	FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLIANCE (LOCAL) CLEAN ROOM NOTIFICATION (LOCAL)
	FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE CANDELA INTENSITY-15/75 UNLESS OTHERWISE NOTED CEILING MOUNTED
	PHOTOELECTRIC SMOKE DETECTOR. CEILING MOUNTED AUX-INDICATES AUXILIARY CONTACT.
	FIXED TEMPERATURE HEAT DETECTOR. CEILING MOUNTED.
	INDICATES EQUIPMENT INTERLOCKED WITH THE DETECTOR INDICATES EQUIPMENT INTERLOCKED WITH THE SMOKE DETECTOR CLEAN ROOM 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

## ABBREVIATIONS

AAMP	AMPERE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AMPERE INTERRUPTING CAPACITY
AWG	AMERICAN WIRE GAUGE
BFG	BELOW FINISHED GRADE
BOS	BOTTOM OF STEEL
C	CONDUIT, CONDUCTOR
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CPT	CONTROL POWER TRANSFORMER
CT	CURRENT TRANSFORMER
CU	COPPER
DACT	DIGITAL ALARM COMMUNICATOR TRANSMITTER
DB	DIRECT BURIED
DISC	DISCONNECT
DN	DOWN
EMT	ELECTRICAL METALLIC TUBING
EWG	ELECTRIC WATER COOLER
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FU	FUSE
FWE	FURNISHED WITH EQUIPMENT
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HP	HORSE POWER
HTR	HEATER
IC	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
K	KILO
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT-HOUR
LA	LIGHTNING ARRESTER
LTG	LIGHTING
MC	METAL CLAD
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MI	MINERAL INSULATED
MLO	MAIN LUG ONLY
MTO	MOUNTED
MV	MEDIUM VOLTAGE
NC	NORMALLY CLOSED
NEG	NEGATIVE
NEUT	NEUTRAL
NC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
PF	POWER FACTOR
PH	PHASE
PVC	POLYVINYL CHLORIDE
RSC	RIGID STEEL CONDUIT
RTD	RESISTANCE TEMPERATURE DETECTOR
SN	SOLID NEUTRAL
STP	SHIELDED TWISTED PAIR
STT	SHIELDED TWISTED TRIPLET
SWBD	SWITCHBOARD
SWOR	SWITCHGEAR
TOS	TOP OF STEEL
TRANSF	TRANSFORMER
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
V	VOLT
VA	VOLT-AMPERE
VAR	VOLT-AMPERE REACTIVE
WM	WATT METER
WP	WEATHER PROOF
XP	EXPLOSION PROOF

## GENERAL NOTE

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

## GENERAL NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC), 1999 EDITION.
- ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS ARE PROVIDED BY DIVISION 16000 UNLESS NOTED AS FURNISHED WITH EQUIPMENT (FWE).
- UNLESS OTHERWISE NOTED, CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18" AFF. LIGHTING TOGGLE SWITCHES 48" AFF. DATA SYSTEM OUTLET BOXES 18" AFF. FIRE ALARM NOTIFICATION DEVICES 80" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER AND FIRE ALARM MANUAL PULL STATIONS 48" AFF TO TOP OF THE DEVICE.
- ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIALS TO MAINTAIN THE RATING OF THE SEPARATION. REFER TO SPECIFICATION 07841 FOR MATERIALS.
- ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED.
- AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
- UNLESS OTHERWISE NOTED, WIRING SHALL BE 2 #12 AWG CONDUCTORS & #12 GND. HOME RUNS FED FROM 20A-1P CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG.
- ALL WIRING SHALL BE COPPER CONDUCTORS WITH 600V TYPE THWN/THHN INSULATION.
- ALL EMERGENCY SYSTEM WIRING SHALL BE INSTALLED IN ACCORDANCE WITH NEC ARTICLE 700.
- PROVIDE UPDATED TYPED PANEL SCHEDULES FOR ALL PANELS BEING MODIFIED. BREAKERS BECOMING SPARE UPON REMOVAL OF DEVICES TO BE LABELED AS "SPARE". CIRCUITS BECOMING SPARE SHALL HAVE ALL EXISTING WIRE AND CONDUIT REMOVED.
- UNLESS OTHERWISE NOTED, ALL CONDUIT SHALL BE EMT, MINIMUM SIZE 3/4".
- CONVENIENCE RECEPTACLES SHALL BE COMMERCIAL GRADE GROUNDING TYPE, SIDE WIRED, NEMA 5-20R. DEVICES AND COVER PLATES SHALL MATCH WALL FINISHES.
- WALL SWITCHES SHALL BE COMMERCIAL GRADE 120/277V, 20A, SIDE WIRED. DEVICES AND COVER PLATES SHALL MATCH WALL FINISHES.
- PANELBOARDS WILL HAVE A COPPER BUS, COPPER GROUND BUS, HINGED COVER, AND METAL DIRECTORY FRAME. PROVIDE WITH "BA" TYPE BREAKERS.
- INTERCOM SPEAKERS SHALL BE COMPATIBLE WITH EXISTING SYSTEM.
- FIRE ALARM DEVICES SHALL BE COMPATIBLE WITH EXISTING SYSTEM.
- CONTRACTOR TO PROVIDE ONLY BOX AND CONDUIT FOR VOICE/DATA OUTLETS. WIRING BY OTHERS.

ARCHITECTURE ENGINEERING PLANNING



BERRY, DUNN MCNEIL & PARKER  
100 MIDDLE STREET  
PORTLAND, MAINE  
FOURTH FLOOR

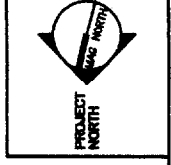
PROJECT TITLE:	DATE	DESCRIPTION	REV.
LEGEND AND GENERAL NOTES			
SCALE: 1/8"=1'-0"			
PROJECT MANAGER: ROW	DATE: 5-24-01		
JOB CAP/DRWING: BHG/BGG			

ISSUED FOR CONSTRUCTION  
5-24-01

SHEET No. E001

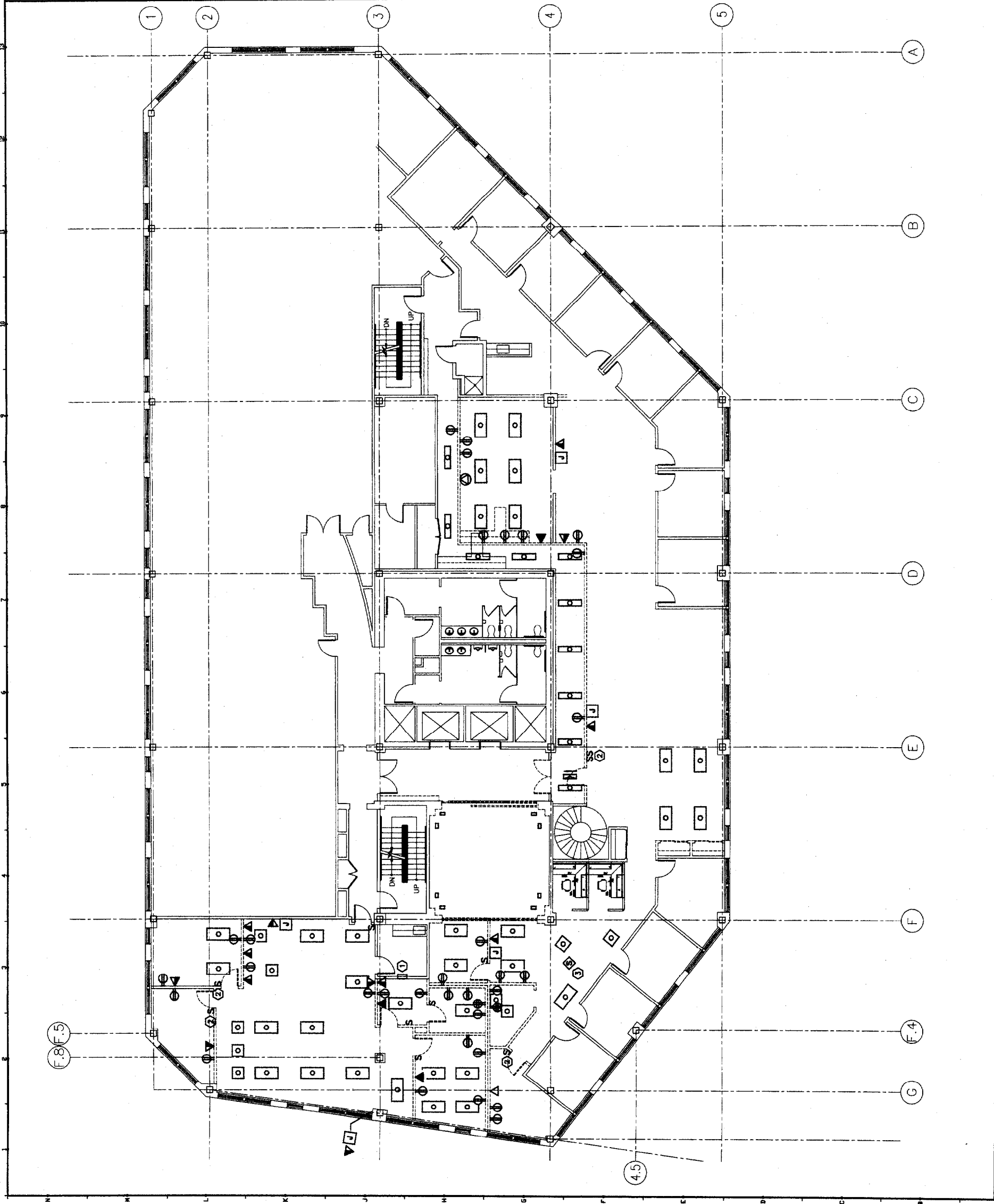
REV.	DESCRIPTION	DATE

SCALE: 1/8"=1'-0"	A/E OF RECORD: JPP
PROJECT MANAGER: RDW	SMART CAD FILE: ED101-01030
JOB CAP/DRAWN: BHO/BGG	DATE: 5-24-01



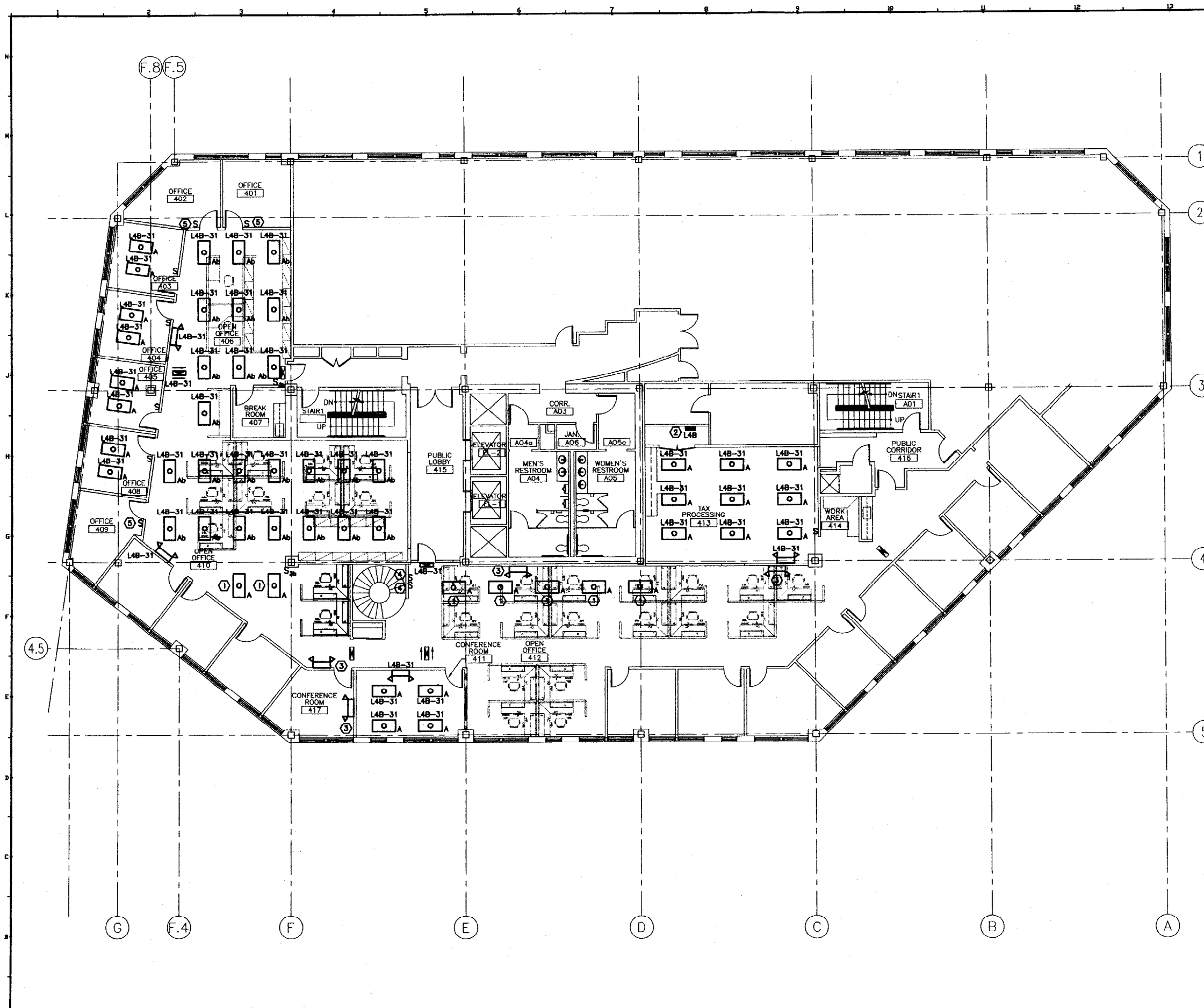
**NOTE:**  
1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.

**KEYED NOTES:**  
① NEW 42 CIRCUIT PANEL WILL REPLACE EXISTING 30 CIRCUIT PANEL.  
② SWITCH TO BE RELOCATED. SEE EP101 FOR NEW LOCATION.  
③ INTERCOM SPEAKER TO BE RELOCATED. SEE SHEET EY101 FOR NEW LOCATION.



ISSUED FOR CONSTRUCTION  
5-24-01





**NOTES:**

1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.
2. REUSE EXISTING LIGHT FIXTURES WHERE POSSIBLE.

**KEYED NOTES:**

- ① CONNECT TO EXISTING CIRCUIT & SWITCH.
- ② PROVIDE 20 AMP SINGLE PHASE BREAKER FOR CIRCUIT 31 IN EXISTING PANEL L4B.
- ③ CONNECT TO EXISTING LIGHTING CIRCUIT IN THE AREA.
- ④ EXISTING SWITCH RELOCATED TO NEW LOCATION. CONNECT TO ORIGINAL CIRCUIT.
- ⑤ RELOCATED SWITCH.

**PROJECT TITLE:**  
BERRY, DUNN McNEIL & PARKER  
100 MIDDLE STREET  
PORTLAND, MAINE  
FOURTH FLOOR

**PROJECT No. 01030-00**

REV.	DESCRIPTION	DATE

**PROJECT NORTH**

**ISSUED FOR CONSTRUCTION**  
5-24-01

**SCALE:** 1/8"=1'-0"  
A/E OF RECORD: JPP  
PROJECT MANAGER: ROW  
JOB CAP/DRAWN: BHC/BGS  
DATE: 5-24-01

**SHEET No. EL101**

**SM RT**

ARCHITECTURE ENGINEERING PLANNING  
SMRT  
144 Fore Street, 2nd Floor  
Portland, Maine 04104  
Tel: (207) 772-3446  
Fax: (207) 772-1070



