

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 02-0647	Issue Date: JUL - 2 2002	CBL: 111 A016001
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Location of Construction: 449 Forest Ave	Owner Name: Msm Enterprises Ltd	Owner Address: 449 Forest Ave Portland	Phone:
Business Name: n/a	Contractor Name: n/a	Contractor Address: Portland	Phone:
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Additions - Commercial	Zone: B-24

Past Use: Commercial / Vacant; prior use furniture store.	Proposed Use: Commercial / Change of Use; Bank expansion.	Permit Fee: \$1,283.00	Cost of Work: \$180,000.00	CEO District: 2
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: B Type: 2c 7/1/02	

Proposed Project Description:
Change of use from furniture store to bank.

Signature: *[Signature]* Signature: *[Signature]*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: gg	Date Applied For: 06/12/2002	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>6/19/02</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>Separate permits needed for new sewage</i>		

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
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RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	DATE	PHONE
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**CITY OF PORTLAND
ACCESSIBILITY CERTIFICATE**

Designer: PDT Architects

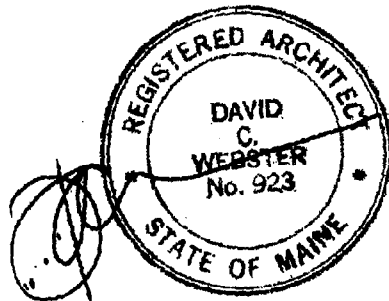
Address of Project 449 Forest Avenue

Nature of Project Peoples Bank expansion

Date 10 June 2002

The technical submissions covering the proposed construction work as described above have been have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act.

(SEAL)



Signature _____

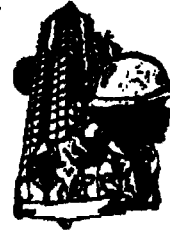
Title Principal

Firm PDT Architects

Address 49 Dartmouth Street

Telephone 775-1059

Post-It® Fax Note	7671	Date	10 June	# of pages	2
To	STON	From	Paul Harmon		
Co./Dept	Maine Properties	Co.			
Phone #	8075	Phone #			
Fax #	883-2135	Fax #			



**CITY OF PORTLAND
BUILDING CODE CERTIFICATE**
389 Congress St., Rm 315
Portland, ME 04101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: PDT Architects

RE: Certificate of Design

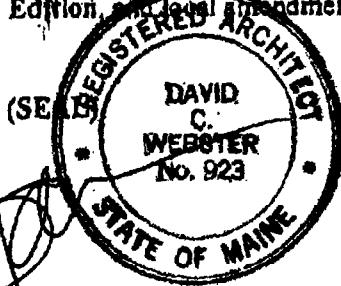
DATE: 10 June 2002

These plans and/or specifications covering construction work on:

Peoples Bank expansion

449 Forest avenue

Have been designed and drawn up by the undersigned, a Maine registered architect/engineer according to the BOCA National Building Code/1999 Fourteenth Edition, and local amendments.



Signature _____

Title Principal _____

Firm PDT Architects _____

Address 49 Dartmouth Street _____

As per Maine State Law:

\$50,000.00 or more in new construction, repair, expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.



CITY OF PORTLAND MAINE

389 Congress St., Rm 315

Portland, ME 04101

Tel. - 207-874-8704

Fax - 207-874-8716

TO: Inspector of Buildings City of Portland, Maine
Planning & Urban Development
Division of Housing & Community Services

FROM DESIGNER: PDT Architects
49 Dartmouth Street

DATE: 10 June 2002

Job Name: Peoples Bank expansion

Address of Construction: 449 Forest Avenue

THE BOCA NATIONAL BUILDING CODE/1999 Fourteenth EDITION

Construction project was designed according to the building code criteria listed below:

Building Code and Year	BOCA 1999	Use Group Classification(s)	B Business
Type of Construction	2C	Bldg. Height	20' +- Bldg. Sq. Footage 5,950
Seismic Zone	Av + 0.110	Group Class	Group I
Roof Snow Load Per Sq. Ft.	50	Dead Load Per Sq. Ft.	12'
Basic Wind Speed (mph)	80	Effective Velocity Pressure Per Sq. Ft.	n/a
Floor Live Load Per Sq. Ft.	n/a		

Structure has full sprinkler system? Yes No Alarm System? Yes No
Sprinkler & Alarm systems must be installed according to BOCA and NFPA Standards with approval from the Portland Fire Department.

Is structure being considered unlimited area building: Yes No
n/a

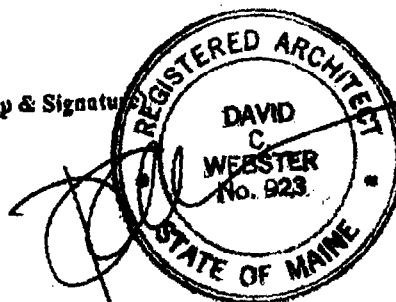
If mixed use, what subsection of 313 is being considered _____

List Occupant loading for each room or space, designed into this Project.

100SF/person = 5,950/100= 60 occupants

PSH 6/07/2K

(Designers Stamp & Signature)

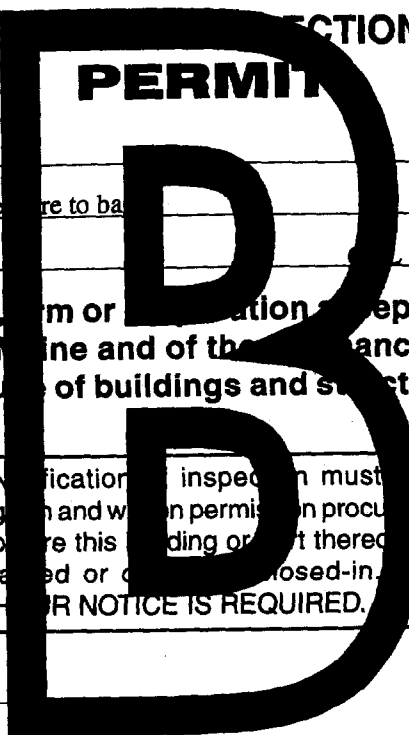


DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

BUILDING DEPARTMENT

Please Read Application And Notes, If Any, Attached

Permit Number: 020647



This is to certify that Msm Enterprises Ltd/n/a

has permission to Change of use from furniture store to bar

AT 449 Forest Ave 111 A016001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of the State 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 altered or closed-in. FOUR 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. *[Signature]*
Health Dept. _____
Appeal Board _____
Other _____
Department Name

[Signature] 2/1/02
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

020647

All Purpose 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.

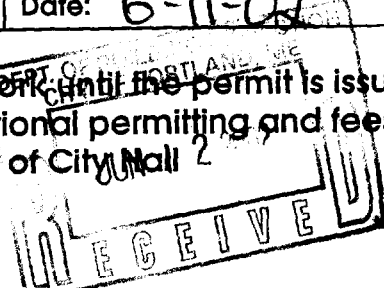
Location/Address of Construction: <u>449 Forest Ave</u>		
Total Square Footage of Proposed Structure <u>4,578</u>	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# <u>111</u> Block# <u>A</u> Lot# <u>016</u>	Owner: <u>FOREST AVE. ASSO.</u>	Telephone:
Lessee/Buyer's Name (If Applicable) <u>PEOPLES HERITAGE BANK</u>	Applicant name, address & telephone: <u>MAINE PROPERTIES</u> <u>P.O. Box 368</u> <u>SEAR, ME</u>	Cost Of Work: \$ <u>180,000</u> Fee: \$ <u>1,283.00</u>
Current use: <u>Vacant</u>		
If the location is currently vacant, what was prior use: <u>Furniture Store</u>		
Approximately how long has it been vacant: <u>?</u>		
Proposed use: <u>BANK EXPANSION</u> <u>Change of use</u>		
Project description: <u>\$1000 not pd yet!</u>		
Contractor's name, address & telephone:		
Who should we contact when the permit is ready: <u>* STAN WARREN</u>		
Mailing address: <u>P.O. Box 368</u> <u>Sear, Me. 04070</u> <u>Maine Properties Inc.</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>* 883-3753</u>		

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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: <u>Stanley Warren</u>	Date: <u>6-11-02</u>
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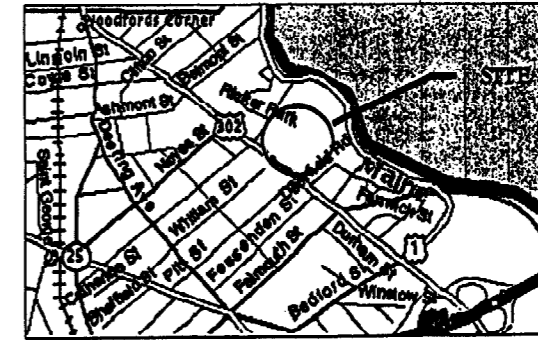
This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall



Peoples

Forest Avenue Plaza - Branch Expansion 449 Forest Avenue Portland, Maine

SITE MAP



COPYRIGHT 2002
PDT ARCHITECTS
177 DARTMOUTH STREET
PORTLAND, ME 04101
207 775-1059
WWW.PDTARCHS.COM

PEOPLES - EXPANSION
449 FOREST AVENUE
PORTLAND, MAINE

LIST OF DRAWINGS

ARCHITECTURAL SPECIFICATIONS ARE ISSUED IN 8 1/2" X 11" FORMAT

COVER SHEET:

A0 TITLE SHEET

ARCHITECTURAL DRAWINGS:

- D1 DEMOLITION & PHASING PLAN, ELEVATION & NOTES
- A1 PLAN & FINISHES
- A2 REFLECTED CEILING PLAN
- A3 ELEVATIONS
- A4 SCHEDULES & SITE RELATIONSHIP DIAGRAM
- A5 INTERIORS / CASEWORK
- A6 DETAILS

MECHANICAL/ ELECTRICAL DRAWINGS:

- M-000 PLUMBING AND HVAC NOTES, LEGEND & ABBREV.
- MD-100 MECHANICAL DEMO.
- MH-100 MECHANICAL PLAN
- MH-500 MECHANICAL DETAILS & SPECIFICATIONS
- E-000 ELECTRICAL SPECIFICATIONS
- ED-100 ELECTRICAL DEMO. PLAN
- EL-100 ELECTRICAL LIGHTING PLAN
- EP-100 ELECTRICAL POWER PLAN

MECHANICAL/ ELECTRICAL CONSULTANT:

ALLIED ENGINEERING
ONE WESTBROOK COMMON
WESTBROOK, ME 04092
(207) 854-8126

PROJECT CRITERIA

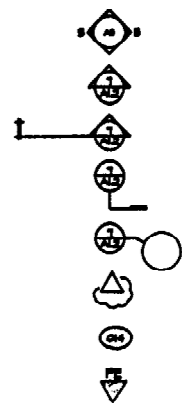
EXPANSION AND RENOVATION AT CURRENT FACILITY.
MERCANTILE USE BUSINESS OCCUPANCY
PRESENT SQUARE FOOTAGE = 2,900SF NET
EXPANDED SQUARE FOOTAGE = 5,950SF NET
FULLY SPRINKLED
BOCA 1999 NFPA 101 CHAPTER 38
TYPE 2C CONSTRUCTION: BOCA 503
HEIGHT AND AREA LIMITS: 3 STORIES, 14,400SF
RATINGS: 1 HOUR BETWEEN ADJACENT SPACE (CVS) BOCA 313.1.2
0 HOURS INTERIOR LOAD BEARING COLUMNS BOCA 602
FIRE PARTITIONS TO ROOF DECK ABOVE BOCA 711.4
0 HOURS CORRIDORS BOCA 1011.4
OCCUPANT LOAD: 100SF/PERSON 5,950/100 = 60 OCCUPANTS
EGRESS: 2 EXISTS MIN. BOCA 1010.2

ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR	N.I.C.	NOT IN CONTRACT
BRG.	BEARING	O.C.	ON CENTER
BLDG.	BUILDING	OFF.	OPPOSITE
CLG.	CEILING	PL.	PLATE
C.L.	CENTER LINE	R, RAD.	RADIUS
CONST.	CONSTRUCTION	R.C.P.	REFLECTED CEILING PLAN
DIA.	DIAMETER	REQD.	REQUIRED
DIM.	DIMENSION	REV.	REVISION
FD	FIELD DETERMINED	R.M.	ROOM
FT.	FEET	R.O.	ROUGH OPENING
FLUOR.	FLUORESCENT	SIM.	SIMILAR
GA.	GAUGE	SPRC.	SPECIFICATION
G.C.	GENERAL CONTRACTOR	SQ.	SQUARE
G.W.B.	GYPHUM WALL BOARD	STD.	STANDARD
H, HGT.	HEIGHT	TYP.	TYPICAL
HOR.	HORIZONTAL	U.N.O.	UNLESS NOTED OTHERWISE
LAV.	LAVATORY	VERT.	VERTICAL
MFR.	MANUFACTURER	V.I.P.	VERIFY IN FIELD
MAX.	MAXIMUM	W/	WITH
MCG.	METAL CORNER GUARD	W/O	WITHOUT
MIN.	MINIMUM	WD.	WOOD
MISC.	MISCELLANEOUS		

SYMBOLS

INTERIOR ELEVATION



ELEVATION

SECTION

SECTION DETAIL

PLAN DETAIL

REVISION SYMBOL

DOOR IDENTIFIER

FIRE EXTINGUISHER ON BRACKET

PARTITION NOTES

GENERAL CONTRACTOR TO CONFIRM ACTUAL FIELD CONDITIONS AND COMPLY WITH INDICATED INSTRUCTIONS.

EXTERIOR WALLS

- EXISTING WALLS TO REMAIN G.C. TO PATCH & REPAIR OR REPLACE, AS REQUIRED, AT ADJACENCIES TO NEW CONSTRUCTION
- NEW EXTERIOR WALL TO MATCH EXISTING ADJACENT CONSTRUCTION AND FINISHES

INTERIOR PARTITIONS

- 6" METAL STUDS AT 16" O.C. (MAXIMUM) WITH 5/8" GYPSUM BOARD, FPLY/TYPE 'X' ONE OR BOTH SIDES, AS REQUIRED. SEE A1 FOR WALL TYPES

PROJECT GENERAL NOTES

1. These notes are intended for general reference and information and to augment the Contract and Specification information. Refer to those Specifications for detailed information and requirements.
2. All work included in this Contract shall conform to all national, state, and local Codes, Ordinances and Agency requirements including, but not limited to: hazardous material removal, solid waste disposal, seismic design, and life-safety.
3. Definitions:
 - New: May be used to indicate items which shall be furnished and installed by the Contractor to ensure clarity between various components of the drawings. Not all items are labeled as "new" when it is obvious by other indication.
 - Existing: Existing building or site components which are in place at the start of construction. Not all items are labeled as "existing" when it is obvious by other indication. Consult the Architect for clarification.
 - Repair: Restore to proper operating and aesthetic condition.
 - Restore: Bring back to former condition by repairing or patching as required.
 - Patch: Restore to condition matching existing adjacent construction, surface texture and finish.
 - R.I.C. (Not in Contract): Mark which is not included in the Contract, but which may require Contractor coordination.
 - Remove: Dismantle and/or extract from the premises entirely. Dispose of off site unless noted otherwise.
 - Replace: Dismantle and/or extract from the premises entirely. Dispose of off site unless noted otherwise. Provide new material as indicated.
 - Demolish: Dismantle and/or extract from the premises entirely. Dispose of off site unless noted otherwise.
 - Salvage: Remove and reinstall or remove and deliver to the Owner, as indicated.
4. It is the intent of the drawings and specifications to have the Contractor provide a complete, fully operational building. Provide all labor, materials and incidentals necessary to achieve this intent. Failure of the Drawings or Specifications to indicate each incidental shall not relieve the Contractor from providing the necessary items as part of this Contract. The Drawings show the design and layout, describe the quality level and construction techniques in a general sense only. All details are typical. That is shown in one condition applies to all other similar conditions, unless noted otherwise.
5. Mark: The following items and report any discrepancies to the Architect prior to:
 1. Verify existing structural conditions prior to demolition or removal.

- Existing conditions
- The size and location of all existing utilities.
- Discrepancies between or within the Contract Documents.
- Unexcused work: report the location of all unexcused soil materials below anticipated levels of footings or slabs prior to setting forms.
- Mechanical, electrical and plumbing coordination having potential impact on ceiling heights or building appearance.
- Dimensional discrepancies.

6. Provide bond-able, blocking, cleaves and pipes as required for all wall, floor, roof, and ceiling penetrations through structure. The Contractor shall be responsible for coordination of structural, mechanical, plumbing and electrical components. The Contractor shall be responsible for sealing all penetrations in fire rated assemblies and smoke assemblies to conform to UL rated assemblies and all NFPA and BOCA building Code requirements. All penetrations shall also comply with the acoustic assembly ratings required for each wall or floor assembly. Refer to the Code Plans for specific Code references.

7. Mechanical, electrical and plumbing coordination: ceiling heights and duct sizes are given. Coordinate the Mark to achieve the given visual and performance requirements, and the requirements of existing mechanical, electrical and plumbing systems within the indicated space.

8. Do not penetrate structural beams, columns, or shear walls.

9. Coordinate the Mark of all Subcontractors.

10. Provide mark holes and access holes to install new systems in concealed spaces, as required or indicated. Report the openings as indicated in sections 012 and 013 of this manual, and as specified.

012 GENERAL DEMOLITION AND REMOVAL NOTES

1. The demolition drawings provide general coordination information only, and are schematic in nature. They do not identify all individual items to be removed. In instances where notes are indicated for removal, remove all doors, windows, and miscellaneous hardware, electrical and mechanical items contained within the wall. The Contractor shall remove any existing construction which logically is in the way of new construction or prohibits the new construction shown on the Architectural floor plans. NOTE: Some demolition work is indicated on the Building Elevation.
2. Verify existing structural conditions prior to demolition or removal.

4. Coordinate and schedule all work in existing occupied portions of the building with the Owner.

5. Hazardous Materials are unknown. Some asbestos-containing material may be encountered, and should be anticipated. The Contractor may discover miscellaneous unexcused pieces of asbestos which need to be removed by the Owner's asbestos abatement Contractor. The Contractor shall notify the Architect and Owner immediately upon discovery of potentially asbestos containing material.

6. Concrete slab removals may be required throughout the existing building and may not be shown on the demolition drawings. Coordinate the extent of slab removals with Mechanical and Electrical plans.

7. Refer to Plumbing, Mechanical, and Electrical plans for additional demolition information. Coordinate the information on drawings and shall report any discrepancies to the Architect prior to proceeding with the work.

8. Removal of the materials as indicated shall be done without disturbing adjacent surfaces to remain or the current condition of the building elements.

9. The Owner shall remove furniture and other movable and/or fixed equipment prior to new work in any area, except for mechanical, electrical or other work not requiring the Owner to completely vacate the premises. Notify the Owner of schedule for new work and extent of Owner removal necessary.

10. Remove all damaged and/or discarded building construction material from concealed spaces. Prior to closing or sealing-off concealed spaces, the Contractor shall allow for an inspection of components which will not be visible when the spaces have been sealed.

11. Cut branches in existing concrete floors with no more than a 1:2 slope. Patch concrete to match adjacent thickness and finish prior to the installation of underlayment or new finishes.

12. Provide metal cover plates at all abandoned electrical devices, finished to match wall.

13. All demolition/removal debris to the property of the Contractor, unless noted otherwise.

14. Salvage: Salvage certain components for limited reuse to match existing conditions for patch and repair as indicated, including, but not limited to:

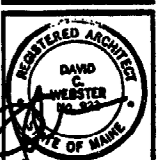
- Brick

013 GENERAL PATCHING AND REPAIRING NOTES

1. Damages: existing building or site components, not scheduled for work, which are damaged shall be replaced or restored to original condition by methods approved by the Architect.
2. Patching: after removal of building components as indicated, patch and prepare the remaining existing exposed surfaces to receive new work and finish. For example: level floors at wall removals with new GFI at openings, place-in new plaster, block and finish flush with new ceiling suspension system.
3. Where new construction either exists or abuts existing construction, the finished faces shall align, and the surfaces shall be finished to match.
4. Patch and level existing floors to receive new finishes as indicated in the room finish schedule.
5. After removal of building components, any resulting holes shall be patched. Match existing fire- or smoke-ratings as indicated. Such patches shall be flush with adjacent surfaces and finished to match.



ARCHITECTURE
INTERIOR DESIGN
PLANNING
49 DARTMOUTH STREET
PORTLAND, ME 04101
207 775-1059
207 775-2694 FAX
WWW.PDTARCHS.COM



JOB NO.
02-024

DRWN.
CR, CM

SCALE

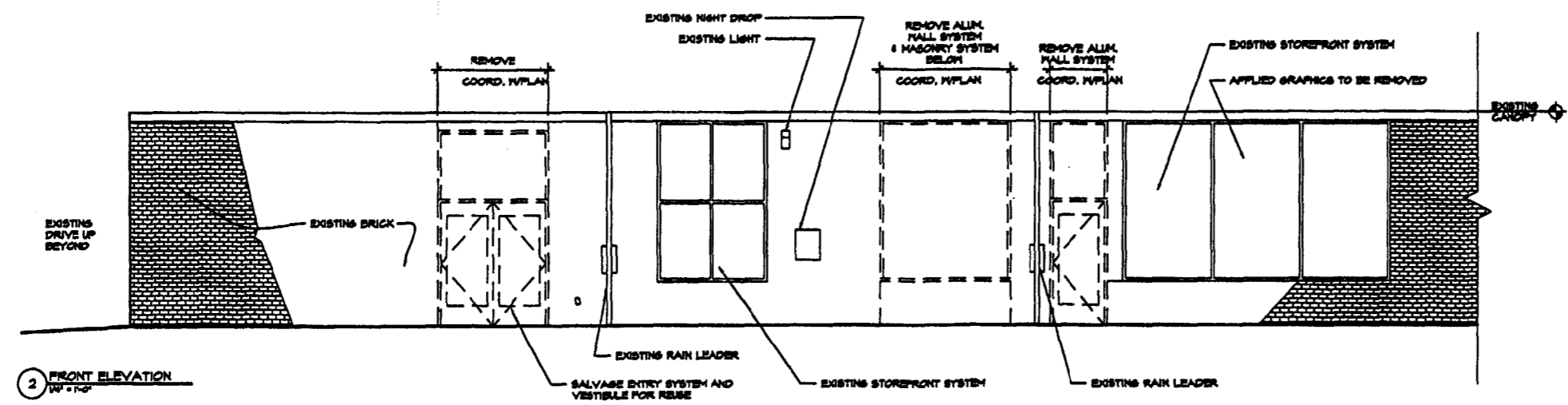
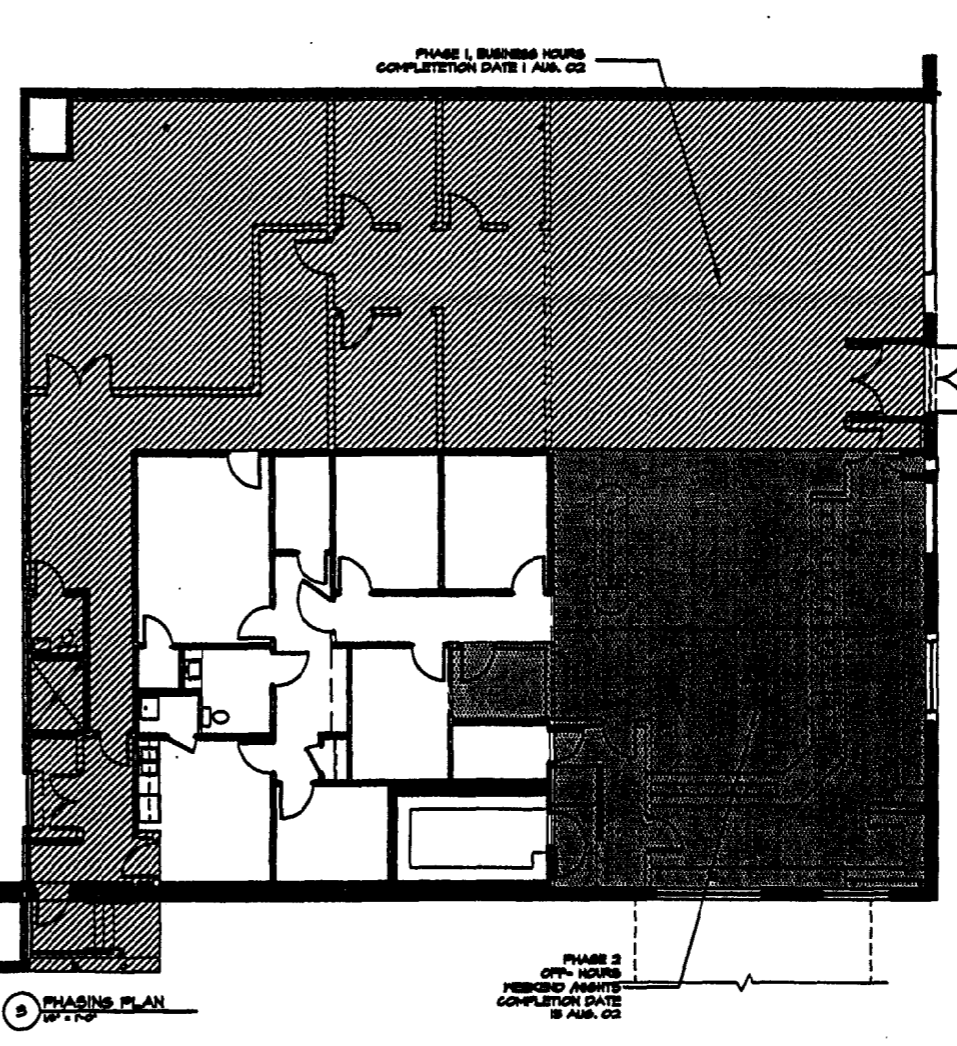
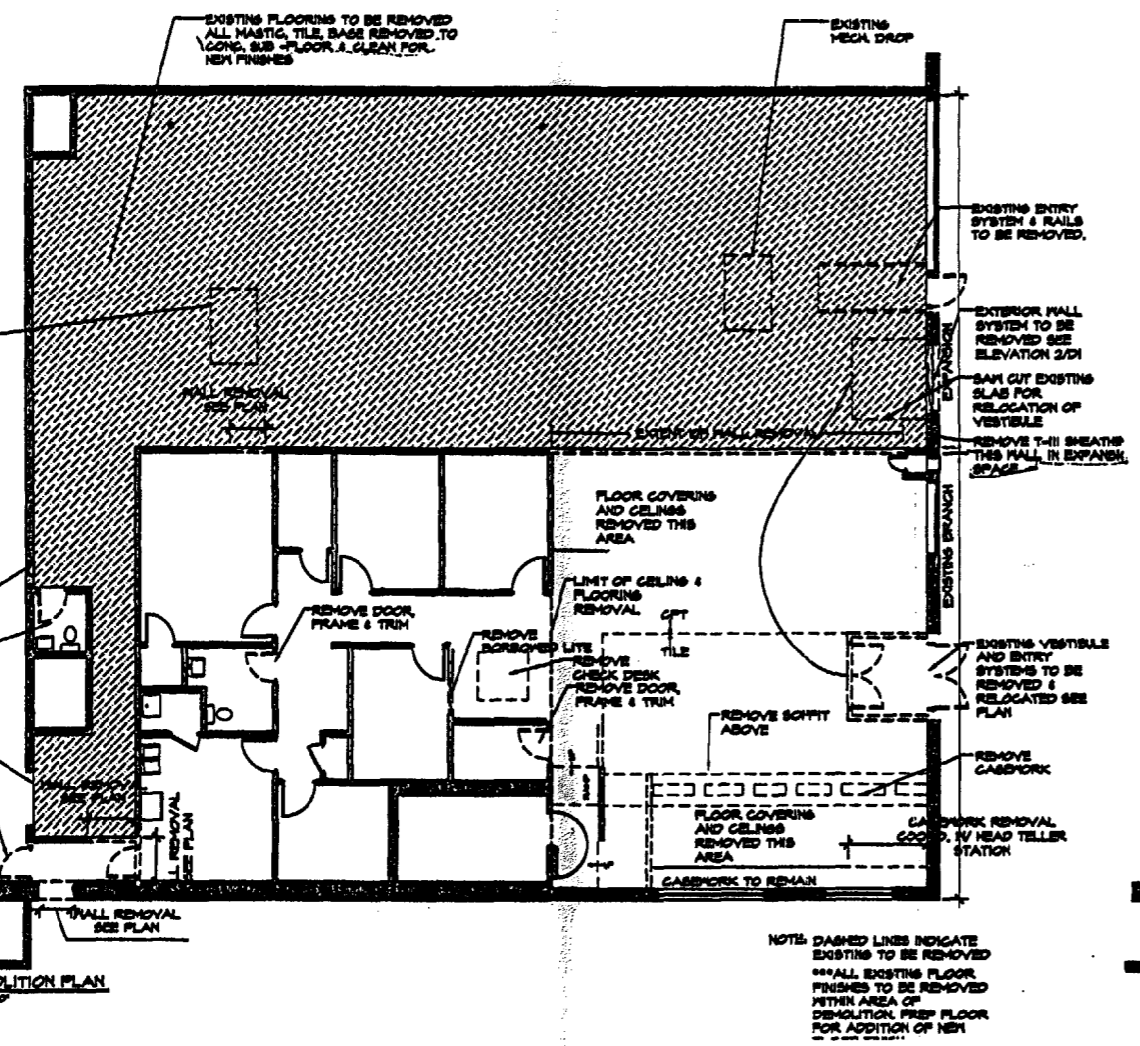
ISSUE
17 MAY 2002
ISSUE FOR
CONSTRUCTION

TITLE
TITLE SHEET

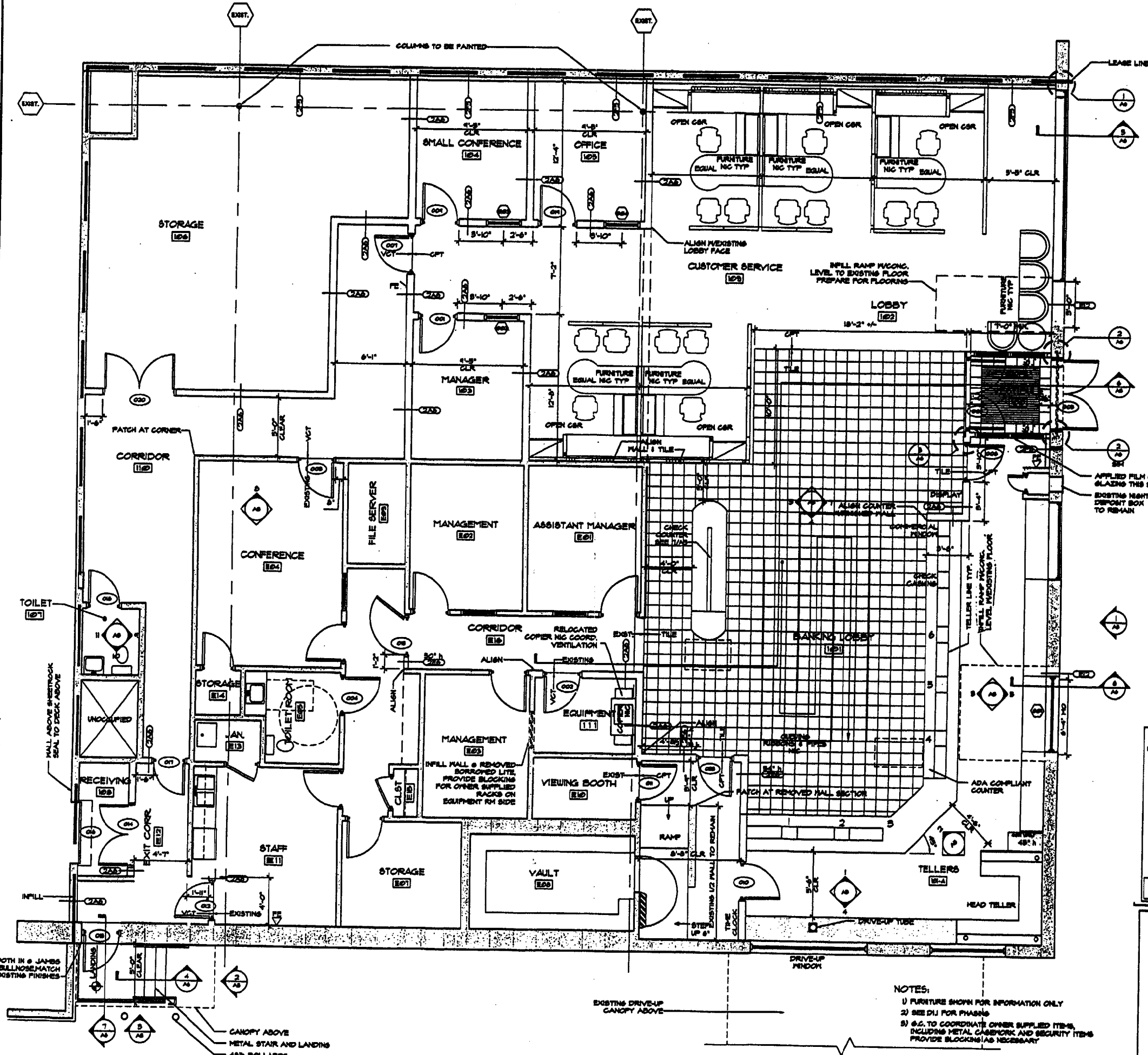
SHEET

A0

- DEMOLITION NOTES**
- DEMOLITION INCLUDES, BUT IS NOT LIMITED TO THE REMOVAL OF DESIGNATED EXISTING INTERIOR WALLS, PARTITIONS, CEILING, FLOOR COVERINGS, CABINETS, ETC. DEMOLITION ALSO INCLUDES THE REMOVAL OF ALL EXISTING ELECTRICAL, MECHANICAL, FIRE PROTECTION, AND PLUMBING LINES AND EQUIPMENT AS REQUIRED TO INTEGRATE WITH NEW WORK.
 - ALL ABANDONED ELECTRICAL/ TELEPHONE CONDUIT, PLUMBING LINES, DRAIN LINES, AND MECHANICAL DUCTWORK AS THE RESULT OF DEMOLITION OR NEW CONSTRUCTION SHALL BE REMOVED BACK TO THE POINT OF ORIGIN, EITHER AT THE PANEL OR DISTRIBUTION BOX. IN ORDER TO CAUSE THE LEAST AMOUNT OF INCONVENIENCE, COORDINATE WITH OWNER AND BRANCH MANAGER A CONVENIENT TIME TO PERFORM DEMOLITION WORK. PROVIDE TEMPORARY PROTECTED HEADS OF BARRICADE, TEMPORARY LIGHTING, AND ALL SAFETY DEVICES IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND OWNER REQUIREMENTS.
 - PATCH AND REPAIR EXISTING FLOOR SLAB, INTERIOR AND EXTERIOR WALLS, AND CEILING AFTER COMPLETION OF ALL DEMOLITION WORK.
 - EXERCISE EXTREME CARE DURING DEMOLITION SO AS NOT TO DAMAGE OR DISRUPT ANY UTILITIES OR SPRINKLER LINES WHICH ARE NOT TO BE RELOCATED AND MUST PASS THROUGH AREA TO BE DEMOLISHED TO SERVICE OTHER SPACES.
 - NOTIFY OWNER AND ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR IRREGULARITIES DISCOVERED DURING DEMOLITION WHICH MIGHT AFFECT THE CURRENT DESIGN OF THE EXPANSION. PAY SPECIAL ATTENTION TO AVAILABLE HEIGHT FOR INTENDED CEILING ELEVATION, MECHANICAL DUCTWORK, RECESSED LIGHTING, ETC. NOTIFY THE ARCHITECT AND THE OWNER IMMEDIATELY UPON DISCOVERY OF POTENTIALLY ASBESTOS CONTAINING MATERIAL.
 - CUT ALL NECESSARY OPENINGS FOR ANY REQUIRED PURPOSE AND REPAIR, WHERE NECESSARY, AFTER CUTTING IN, SO FAR AS POSSIBLE, ALL PROTRUSIONS, MARKS, CRACKS OR OTHER EVIDENCE OF A DAMAGED DEFICIENT OR UNSAFE CONDITION, ANY PARTS WHICH ARE SPLIT, CRACKED, SPALLED, CHIPPED, BROKEN, MISSING, OUT OF LINE OR ADJUSTMENT, MECHANICALLY OR STRUCTURALLY UNSAFE OR UNSOUND, BENT, TORN OR OTHERWISE DEFICIENT OR ILL-FIT IN ANY OTHER MANNER SHALL BE REMOVED, REPLACE, REPAIRED OR RESTORED TO THE SATISFACTION OF THE ARCHITECT.
 - ERECT CONSTRUCTION BARRICADES AND PROVIDE DUMPSTER FOR ALL DEMOLITION DEBRIS. MAINTAIN A CLEAR AND SAFE PATH OF TRAVEL FOR ALL BUSINESS EMPLOYEES AND PATRONS OF THE BANK DURING NORMAL BUSINESS HOURS.



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NOTES AND SCHEDULES

FINISH SCHEDULE

PAINT
 SUPPLIED BY GENERAL CONTRACTOR AND APPLIED BY GENERAL CONTRACTOR.

PA	PAINT - INTERIOR WALLS
PA1	PAINT - INTERIOR WALLS
PA2	PAINT - INTERIOR WALLS
PA3	PAINT - INTERIOR WALLS
PA4	PAINT - INTERIOR WALLS

PAINT NOTES
 1. SEE SCHEDULE FOR ALL APPLICABLE FINISHES.

FLOOR COVERINGS
 SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.

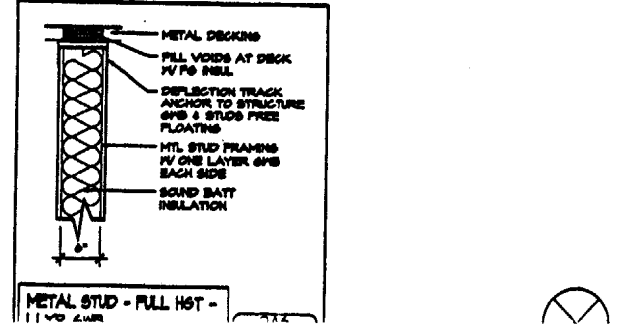
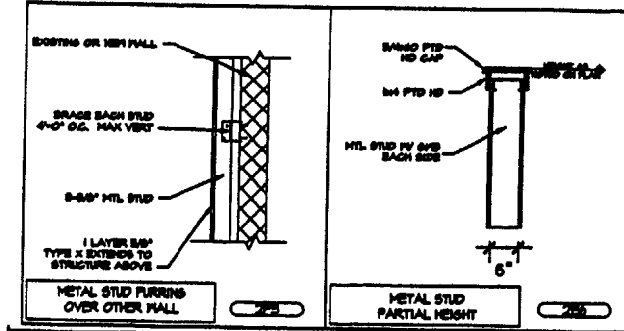
FC	FLOOR COVERING - SEE SCHEDULE
FC1	FLOOR COVERING - SEE SCHEDULE
FC2	FLOOR COVERING - SEE SCHEDULE
FC3	FLOOR COVERING - SEE SCHEDULE
FC4	FLOOR COVERING - SEE SCHEDULE

FLOOR TRANSITION TRIM PROFILES
 SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.

FT	FLOOR TRANSITION TRIM PROFILE - SEE SCHEDULE
FT1	FLOOR TRANSITION TRIM PROFILE - SEE SCHEDULE
FT2	FLOOR TRANSITION TRIM PROFILE - SEE SCHEDULE
FT3	FLOOR TRANSITION TRIM PROFILE - SEE SCHEDULE

ROOM FINISH SCHEDULE

ROOM #	LOCATION	BASE	FLOOR	WALLS	CEILING	NOTES
100	VESTIBULE	CB	GT, MAT	---	SAT	SEE SCHEDULE
101	BANKING LOBBY	CB	GT, MAT	---	SAT	SEE SCHEDULE
102	LOBBY	CB	GT, MAT	---	SAT	SEE SCHEDULE
103	MANAGER	CB	GT, MAT	---	SAT	SEE SCHEDULE
104	SMALL CONF.	CB	GT, MAT	---	SAT	SEE SCHEDULE
105	OFFICE	CB	GT, MAT	---	SAT	SEE SCHEDULE
106	STORAGE	CB	GT, MAT	---	SAT	SEE SCHEDULE
107	TOILET	CB	GT, MAT	---	SAT	SEE SCHEDULE
108	RECEIVING	CB	GT, MAT	---	SAT	SEE SCHEDULE
109	CONFERENCE	CB	GT, MAT	---	SAT	SEE SCHEDULE
110	FILE SERVER	CB	GT, MAT	---	SAT	SEE SCHEDULE
111	EQUIPMENT	CB	GT, MAT	---	SAT	SEE SCHEDULE
112	CORRIDOR	CB	GT, MAT	---	SAT	SEE SCHEDULE
113	STAFF	CB	GT, MAT	---	SAT	SEE SCHEDULE
114	TOILET	CB	GT, MAT	---	SAT	SEE SCHEDULE
115	JAN	CB	GT, MAT	---	SAT	SEE SCHEDULE
116	VIEWING BOOTH	CB	GT, MAT	---	SAT	SEE SCHEDULE
117	VAULT	CB	GT, MAT	---	SAT	SEE SCHEDULE
118	TELLER'S	CB	GT, MAT	---	SAT	SEE SCHEDULE
119	HEAD TELLER	CB	GT, MAT	---	SAT	SEE SCHEDULE
120	STORAGE	CB	GT, MAT	---	SAT	SEE SCHEDULE
121	BANKING LOBBY	CB	GT, MAT	---	SAT	SEE SCHEDULE
122	LOBBY	CB	GT, MAT	---	SAT	SEE SCHEDULE
123	MANAGER	CB	GT, MAT	---	SAT	SEE SCHEDULE
124	SMALL CONF.	CB	GT, MAT	---	SAT	SEE SCHEDULE
125	OFFICE	CB	GT, MAT	---	SAT	SEE SCHEDULE
126	CUSTOMER SERV.	CB	GT, MAT	---	SAT	SEE SCHEDULE
127	CONFERENCE	CB	GT, MAT	---	SAT	SEE SCHEDULE
128	RECEIVING	CB	GT, MAT	---	SAT	SEE SCHEDULE
129	FILE SERVER	CB	GT, MAT	---	SAT	SEE SCHEDULE
130	EQUIPMENT	CB	GT, MAT	---	SAT	SEE SCHEDULE
131	CORRIDOR	CB	GT, MAT	---	SAT	SEE SCHEDULE
132	STAFF	CB	GT, MAT	---	SAT	SEE SCHEDULE
133	TOILET	CB	GT, MAT	---	SAT	SEE SCHEDULE
134	JAN	CB	GT, MAT	---	SAT	SEE SCHEDULE
135	VIEWING BOOTH	CB	GT, MAT	---	SAT	SEE SCHEDULE
136	VAULT	CB	GT, MAT	---	SAT	SEE SCHEDULE
137	TELLER'S	CB	GT, MAT	---	SAT	SEE SCHEDULE
138	HEAD TELLER	CB	GT, MAT	---	SAT	SEE SCHEDULE
139	STORAGE	CB	GT, MAT	---	SAT	SEE SCHEDULE
140	STORAGE	CB	GT, MAT	---	SAT	SEE SCHEDULE

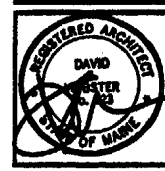


- NOTES:**
- 1) FURNITURE SHOWN FOR INFORMATION ONLY
 - 2) SEE D/I FOR PHASING
 - 3) S.C. TO COORDINATE OTHER SUPPLIED ITEMS, INCLUDING METAL CASING AND SECURITY ITEMS PROVIDE BLOCKING AS NECESSARY

1 FLOOR PLAN
 1/4" = 1'-0"

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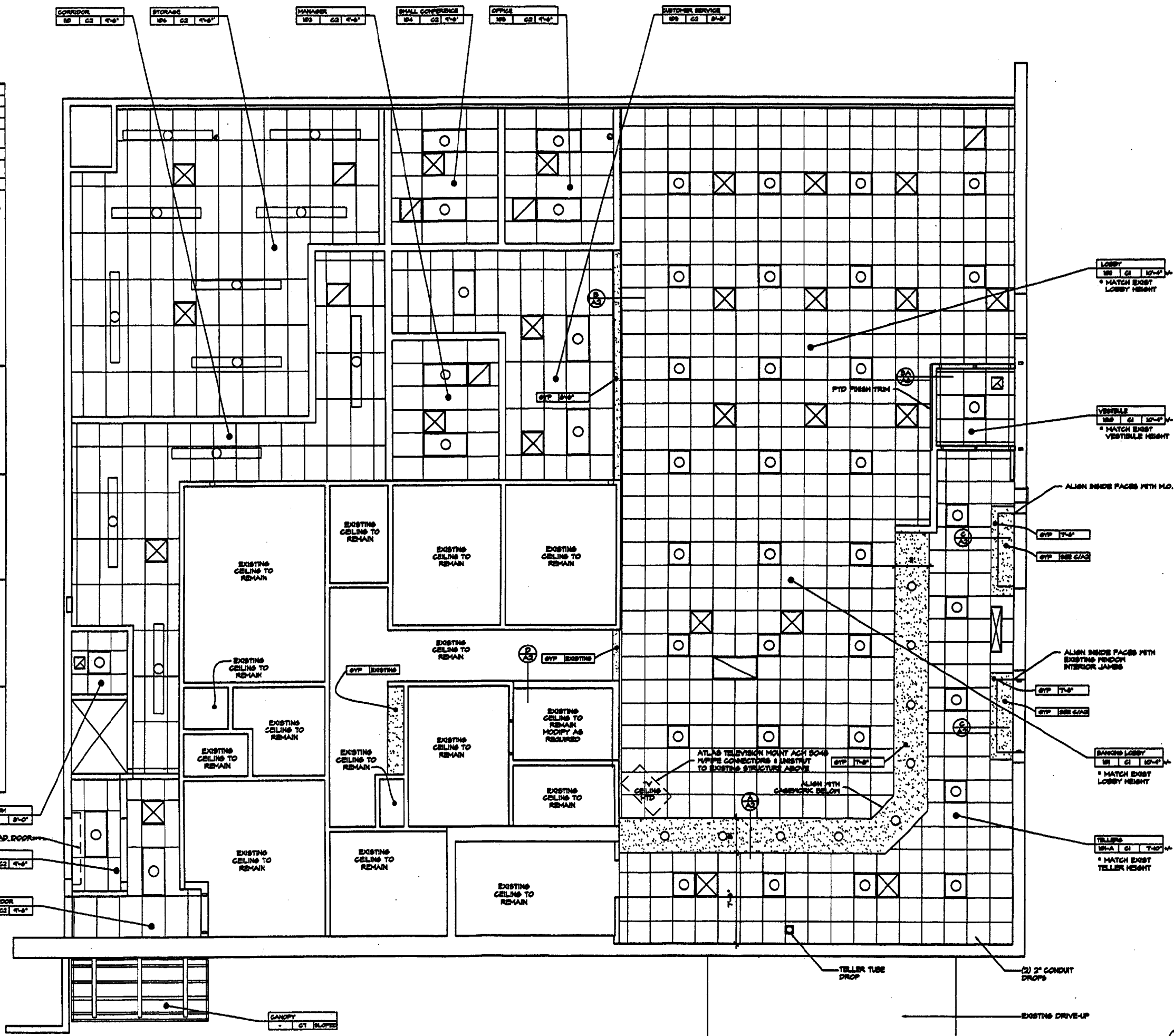
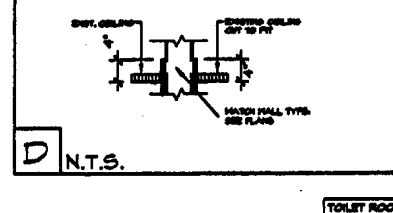
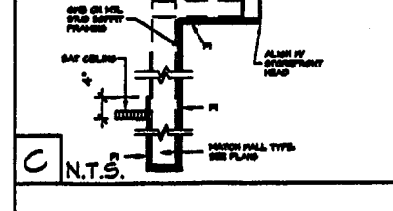
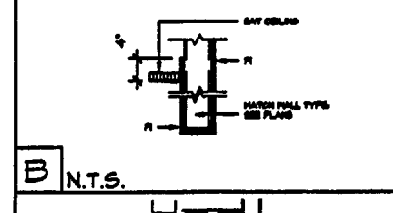
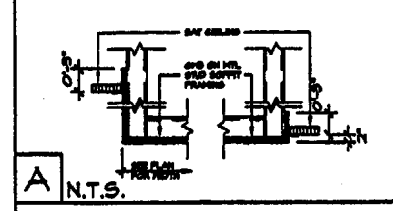
A2

CEILING TYPES

C1	24"X24" SUSPENDED ACOUSTICAL TILE
C2	24"X24" SUSPENDED ACOUSTICAL TILE
C3	EXPOSED STRUCTURE, PAINTED, TYP.
C4	NOT USED
C5	NOT USED
C6	NOT USED
C7	EXPOSED HOOD DECK / STRUCTURE

- LEGEND**
- LIGHT FIXTURE (REFER TO SCHEDULE FOR FIXTURE TYPE)
 - GYS SOFFIT OR CEILING
 - ▣ SUSPENDED ACOUSTICAL TILE
 - ⊠ MECHANICAL SUPPLY OR RETURN REGISTER (REFER TO MECHANICAL SCHEDULE FOR SIZE AND TYPE)

- NOTES**
1. ALL HEIGHTS GIVEN ARE ABOVE FINISHED FLOOR @ EXISTING LOBBY.
 2. E.C.S. ELECTRICAL CONTRACTOR TO ENSURE THAT EXISTING EMERGENCY LIGHTS, EXIT LIGHTS AND SMOKE DETECTORS ARE POSITIONED PROPERLY DURING BUILD-OUT FROM ALL HORIZONTAL SURFACES OF SOFFITS P-4.
 3. E.C. TO COORDINATE SPRINKLER WORK. MANIFOLD'S SUPERINTENDENT, SPRINKLERS TO BE PASTE, DROPS TO BE CENTERED IN TILE.



- TOILET ROOM
M1 G1 8'-0"
- CEILING OVERHEAD ROOM
M2 G2 4'-6"
- RECEIVING
M3 G3 4'-6"
- EXIT CORRIDOR
M4 G4 4'-6"
- GANDY
G1 8'-0"

LOBBY
M5 G1 10'-0"
* MATCH EXIST LOBBY HEIGHT

VESTIBULE
M6 G1 10'-0"
* MATCH EXIST VESTIBULE HEIGHT

ALIGN INSIDE FACES WITH M.O.

GYP 7'-6"

GYP SEE C/C/S

ALIGN INSIDE FACES WITH EXISTING WINDOW INTERIOR JAMB

GYP 7'-6"

GYP SEE C/C/S

BANKING LOBBY
M7 G1 10'-0"
* MATCH EXIST LOBBY HEIGHT

TELLER
M8 G1 7'-0"
* MATCH EXIST TELLER HEIGHT

TELLER TUBE DROP

(2) 2" CONDUIT DROPS

EXISTING DRIVE-UP

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NOTES AND SCHEDULES

DOOR SCHEDULE

#	LOCATION	DOOR SIZE	DOOR MATL.	FRM MATL.	DOOR ELEV.	DETAIL/IN	CLOSER	HARDWARE SETS	ALARM COORD. IV COVER	EXIT HARDWARE	REMARKS
001	MANAGER 108	8'-0" x 7'-0"	FD/GLASS	HOL. MTL.	A	B, 4 /A4	CLOSER	HPB 2			
002	BOUR. III	8'-0" x 7'-0"	MTL	HOL. MTL.	B	B, 4 /A4		HPB 2			
003	CONF B04	8'-0" x 7'-0"	FD.	HOL. MTL.	B	B, 4 /A4		HPB 2			
004	TOILET B08	8'-0" x 7'-0"	FD.	HOL. MTL.	B	B, 4 /A4	CLOSER	SEE REMARKS			FRAME AND DOOR REPLACE EXISTING HEAVY DOOR, HOBBY EXIST. HARDWARE
005	VESTIBULE 100	8'-0" x 7'-0" (EXISTING DOOR)	ALUM/GLASS	ALUM.	EXIST.	EXIST.	EXISTING FRAME	SEE REMARKS	CONTACTS	EXISTING	RELOCATED ENTRY SYSTEM, REUSE EXIST. HARDWARE
006	VESTIBULE 100	8'-0" x 7'-0" (EXISTING DOOR)	ALUM/GLASS	ALUM.	EXIST.	EXIST.	EXISTING FRAME	SEE REMARKS	CONTACTS	EXISTING	RELOCATED ENTRY SYSTEM, REUSE EXIST. HARDWARE
007	CORRIDOR 110	8'-0" x 7'-0"	FD.	HOL. MTL.	B	B, 4 /A4	CLOSER	HPB 2			
008	TELLER 101-A	8'-0" x 7'-0"	FD.	HOL. MTL.	B	B, 4 /A4	CLOSER	HPB 4			
009	S. CONF. 104	8'-0" x 7'-0"	FD/GLASS	HOL. MTL.	A	B, 4 /A4	CLOSER	HPB 2			
010	TELLER 101-A	8'-0" x 7'-0"	FD.	FD.	C	B, 4 /A4		HPB 4			PLAND HINGE, GATE BY MILLWORK
011	V. BOOTH B10	8'-0" x 7'-0"	FD.	HOL. MTL.	B	B, 4 /A4	CLOSER	HPB 2			NEW DOOR & FRAME IN EXIST. OPENING
012	KITCHEN B11	8'-0" x 7'-0"	FD.	HOL. MTL.	B	B, 4 /A4	CLOSER	HPB 2	CONTACTS		EXISTING FULL LARGER OPENING REED
013	CORRIDOR B12	8'-0" x 8'-0"	FD.	FD.	C	B, 4 /A4	CLOSER	HPB 4			PLAND HINGE, GATE BY MILLWORK, NO RUBBER
014	RECEIVING 102	8'-0" x 7'-0"	MTL	HOL. MTL.	B	B, 4 /A4		HPB 1	CONTACTS		EXISTING LOCATION LARGER OPENING & DOOR
015	EXIT CORR. B12	8'-0" x 7'-0"	MTL	HOL. MTL.	B	1/4A2/A4	CLOSER	HPB 1	CONTACTS	EXIT HARDWARE	FRAME GALVANIZED, GROUTED SOLID THRESHOLD MATERIAL, SET IN FULL BED, FEATHER-STRIP, NO EXTERIOR HARDWARE
016	RECEIVING 103	8'-0" x 7'-0" (COORD. EXIST. OPENING)	MTL	BY MANUFACT.	SEE REMARKS			HPB 2			OVERHEAD SOLING DOOR, TRANSPARENT (SEE) HARDWARE BY SUPPLIER
017	EXIT CORR. B12	8'-0" x 7'-0"	MTL	HOL. MTL.	B	4 /A4	CLOSER	HPB 2	CONTACTS		
018	TOILET 107	8'-0" x 7'-0"	FD.	HOL. MTL.	B	4 /A4	CLOSER	HPB 2			DOOR AND FRAME IN EXISTING OPENING
019	OFFICE 108	8'-0" x 7'-0"	MTL	HOL. MTL.	B	4 /A4	CLOSER	HPB 2			
020	STORAGE 109	8'-0" x 7'-0"	MTL	HOL. MTL.	B	4 /A4		HPB 1			DOOR AND FRAME IN EXISTING OPENING
021	TELLER 101-A	8'-0" x 8'-0"	FD.	FD.	C	B, 4 /A4		HPB 4			PLAND HINGE

WINDOW SCHEDULE

#	ELEV.	WINDOW SIZE	FRAME	DETAILS			GLASS	REMARKS
				HEAD	JAMB	SILL		
001	1/A8	8'-0" x 8'-0"	ALUM	6/A4	6/A4	6/A4	MATCH ADJACENT EXT.	MATCH EXISTING ADJACENT
002	1/A4	8'-0" x 8'-0"	HOL. MTL.	6/A4	6/A4	6/A4	8/8" CLEAR TEMP.	
003	1/A4	8'-0" x 8'-0"	HOL. MTL.	6/A4	6/A4	6/A4	8/8" CLEAR TEMP.	
004	1/A4	8'-0" x 8'-0"	HOL. MTL.	6/A4	6/A4	6/A4	8/8" CLEAR TEMP.	

NOTES:
 1. WINDOW SIZE IS APPROXIMATE. WINDOW GLAZING, MULLION WIDTH, AND MULLION SPACING, TO MATCH EXISTING WINDOW PROPORTIONS.
 2. GO TO SQUARE ROUGH OPENING SIZES WORK WITH WINDOW UNIT SIZE.
 3. ALL H.M. FRAMES TO BE 2" WIDE.
 4. ALL INTERIOR H.M. BORROWED LITE UNITS ALUM HEAD IV ADJACENT DOOR FRAME



1 BORROWED LITE H.M. FRAME

NOTE: 1. ALL INTERIOR DOORS SHALL HAVE A MAXIMUM OPENING FORCE OF 8 POUNDS AND ALL EXTERIOR DOORS SHALL HAVE A MAXIMUM OPENING FORCE OF 8.5 POUNDS.
 2. ALL HOLLOW METAL DOOR FRAMES SHALL BE PAINTED WITH P-2, OIL BASED SEMI-GLOSS PAINT.

DOOR & FRAME ELEVATIONS

NOT TO SCALE

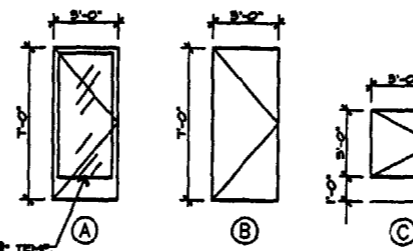
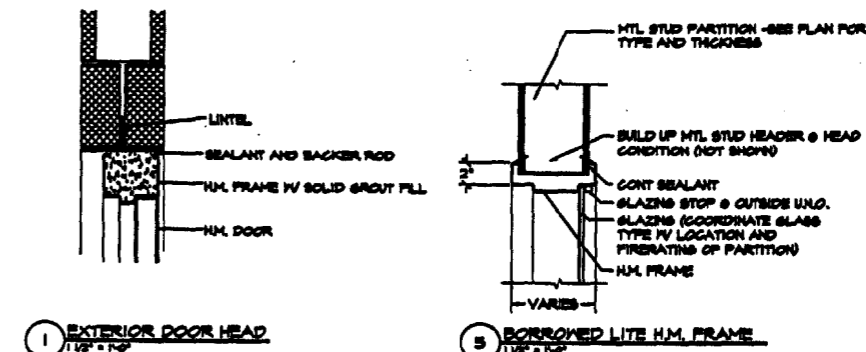


ILLUSTRATION OF CORNISH RUBBER ROLL HANDICAP LEVER

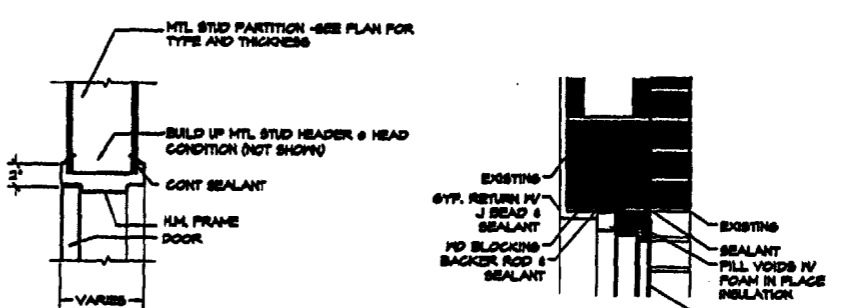


2 FRAME TYPES 8'-0" x 7'-0"



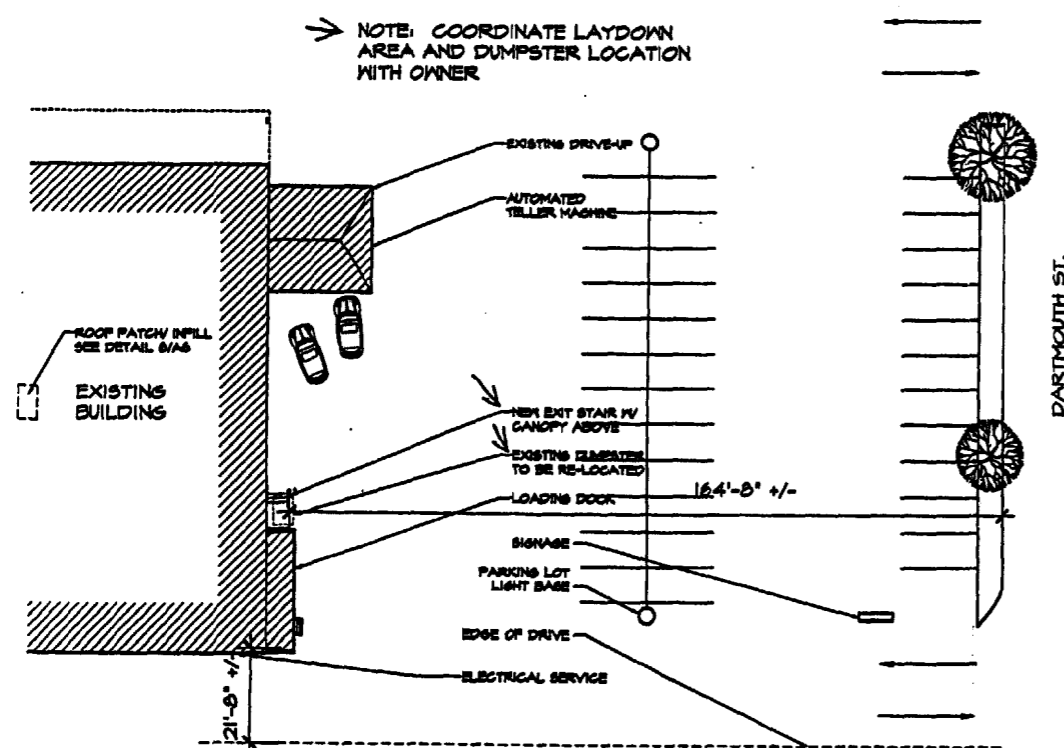
1 EXTERIOR DOOR HEAD 1/2" x 7'-0"

5 BORROWED LITE H.M. FRAME 1/2" x 7'-0"



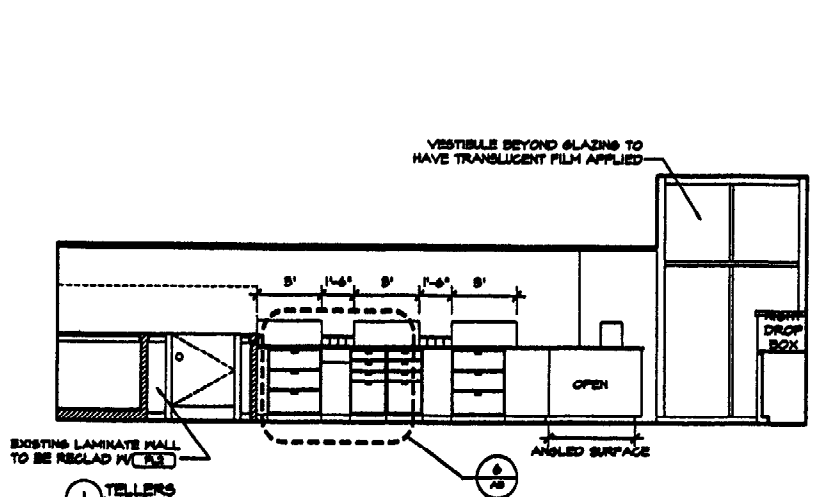
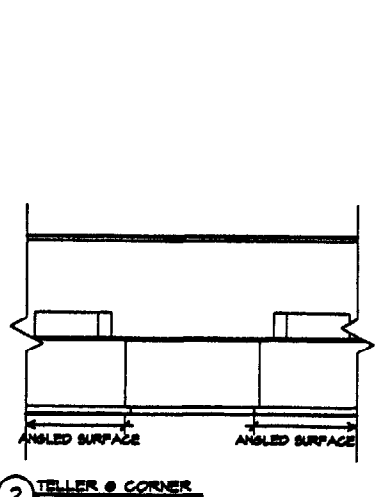
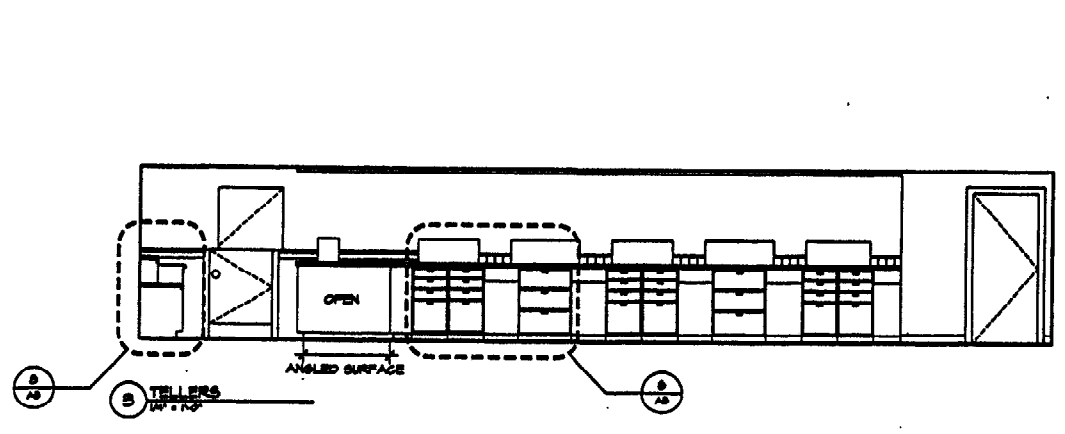
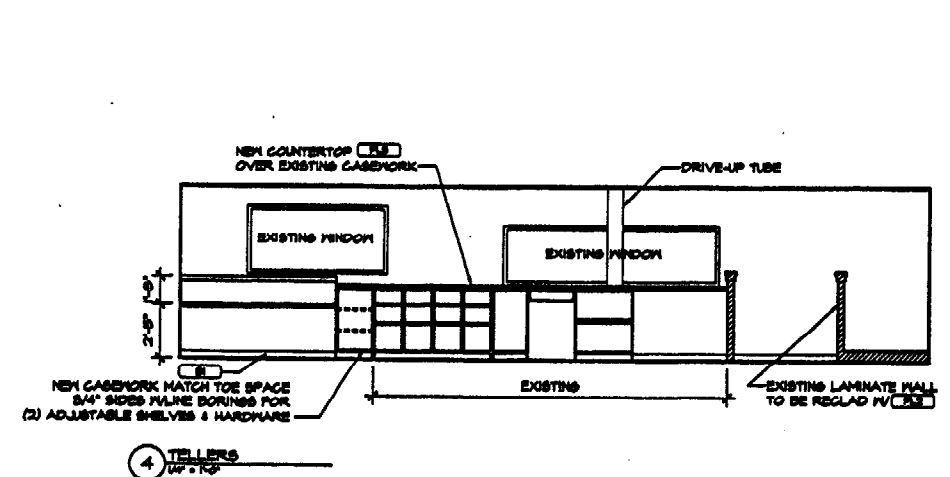
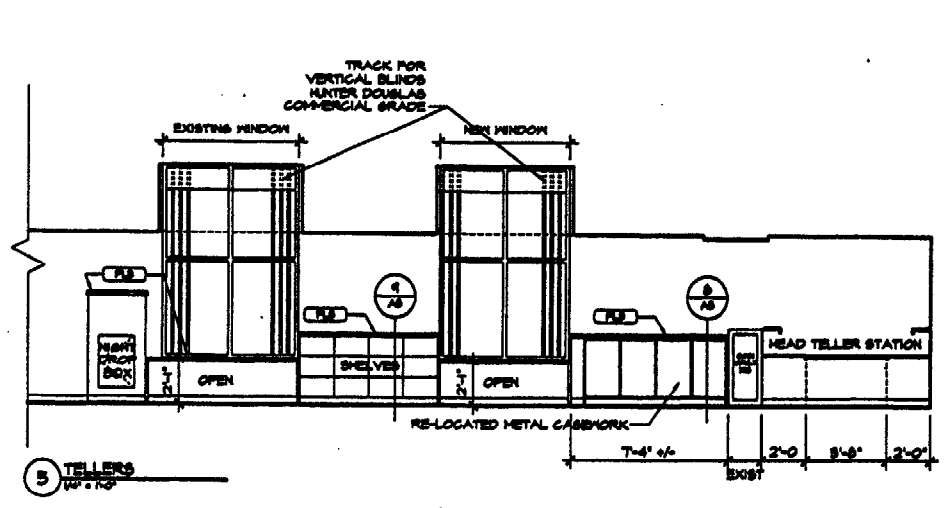
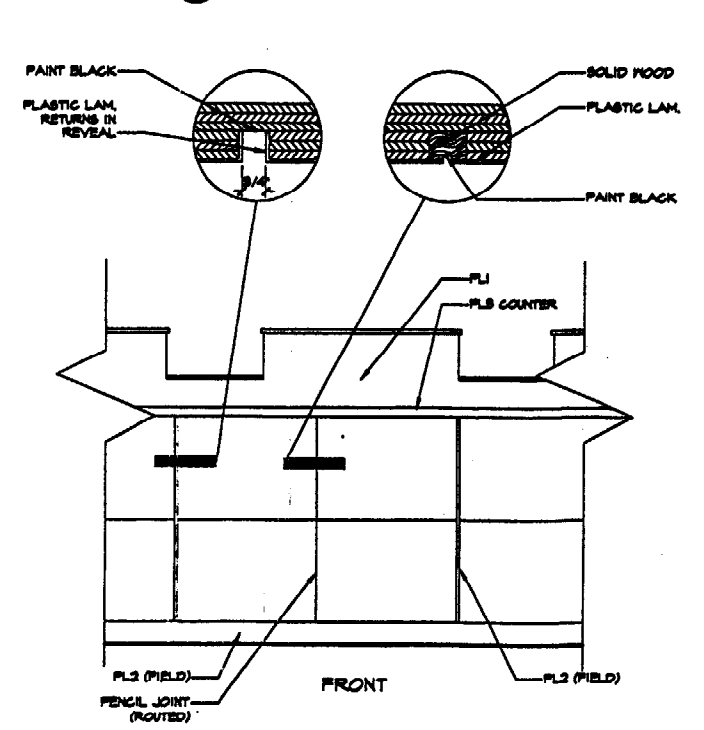
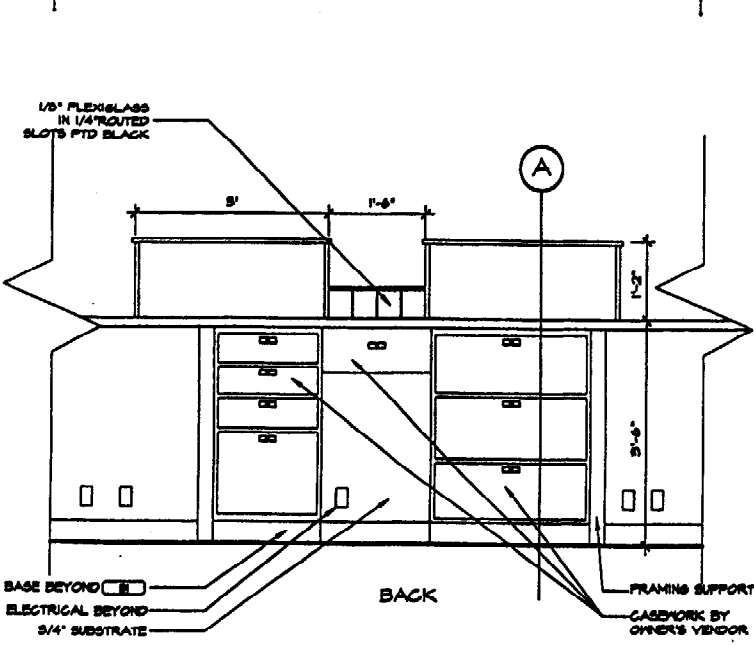
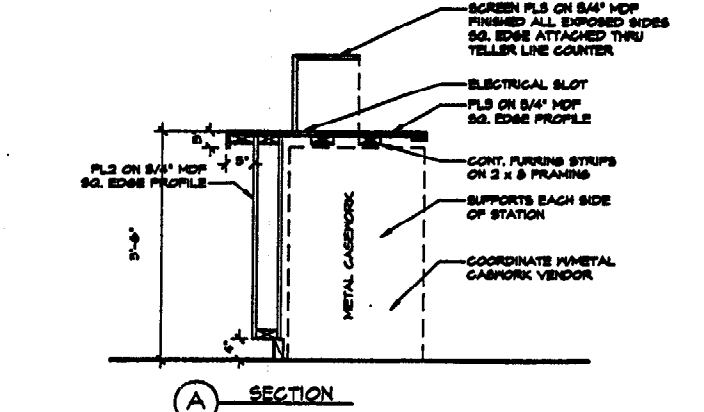
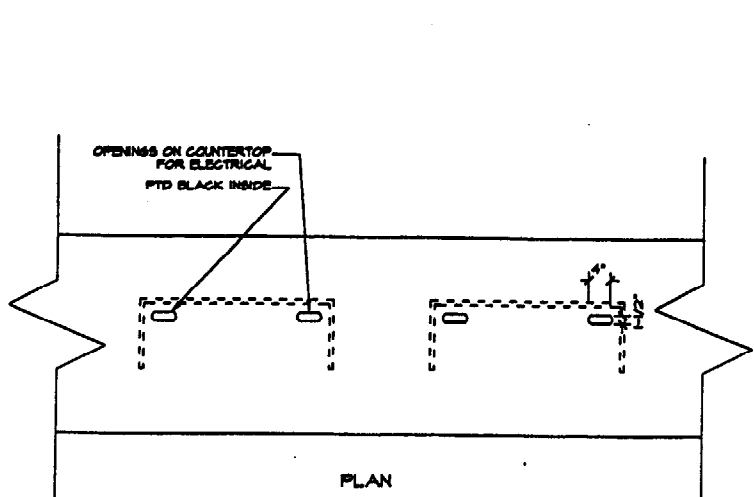
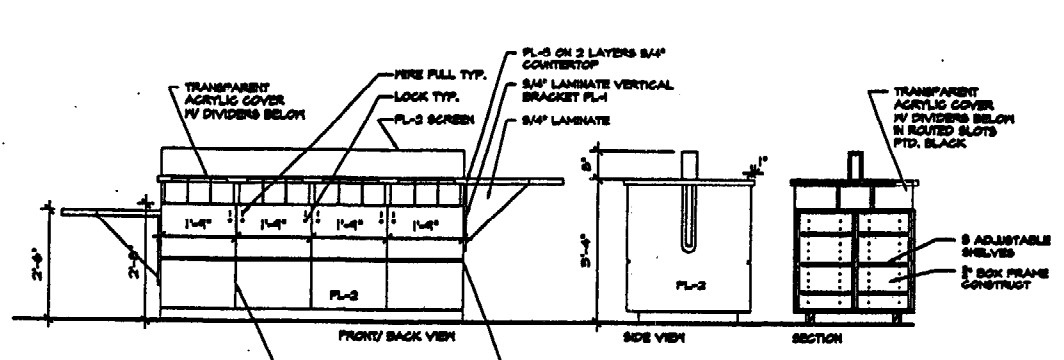
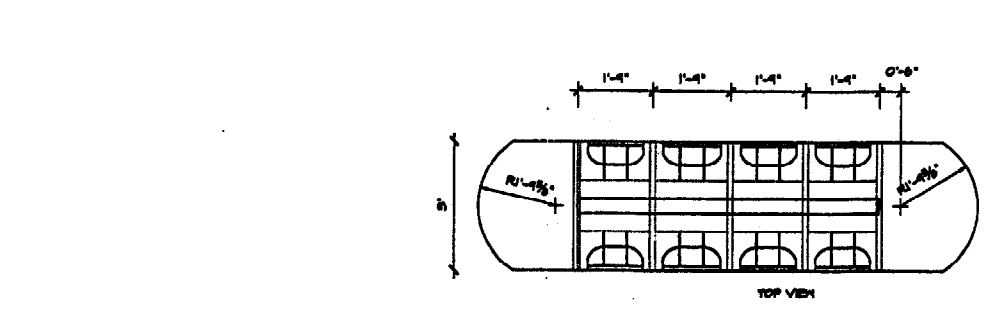
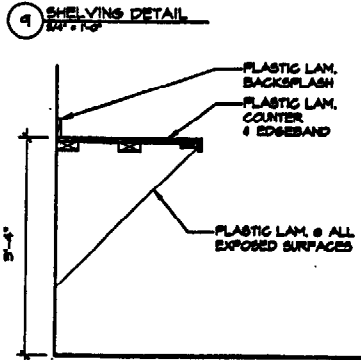
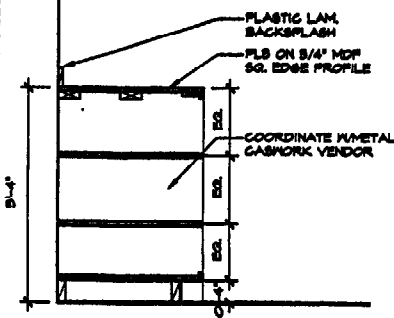
4 INTERIOR H.M. FRAME HEAD & JAMB 1/2" x 7'-0"

6 WINDOW FRAME HEAD & JAMB 1/2" x 7'-0"



SITE DIAGRAM 1" = 20'-0"

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 PORTLAND, MAINE
 PEOPLES-EXPANSION
 449 FOREST AVENUE
 PORTLAND, MAINE
 REGISTERED ARCHITECT
 DAVID
 REGISTERED ARCHITECT
 STATE OF MAINE
 JOB NO. 02-024
 DRWN. CR, CM
 SCALE AS NOTED
 ISSUE 17 MAY 2002
 ISSUE FOR CONSTRUCTION
 TITLE SCHEDULES & SITE DIAGRAM
 SHEET



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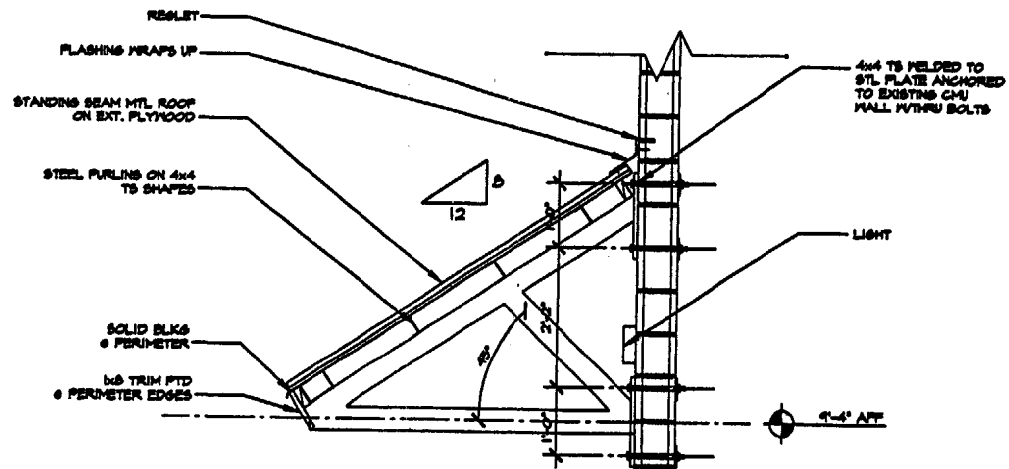
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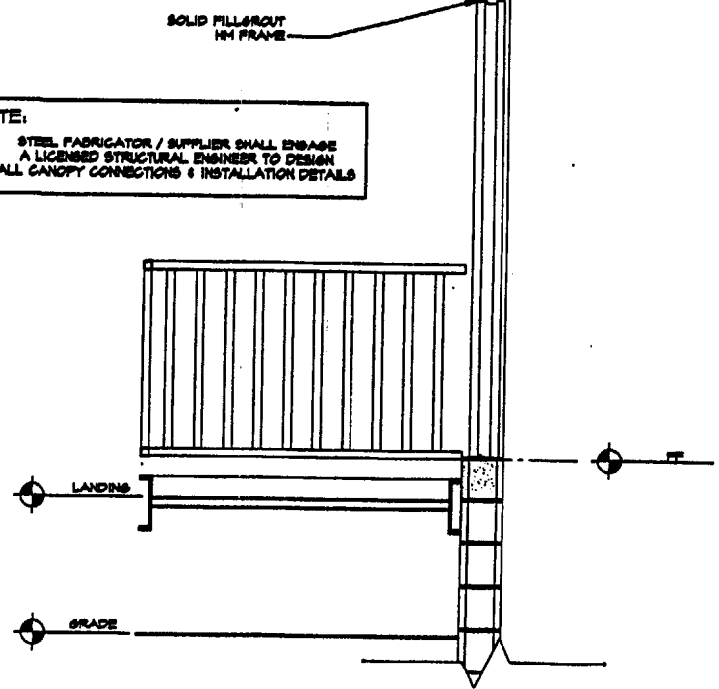
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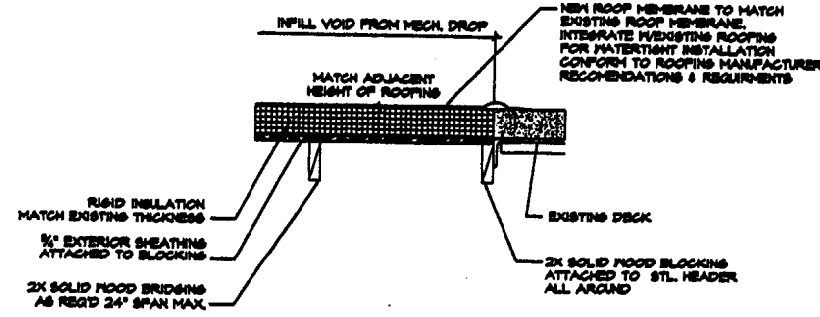
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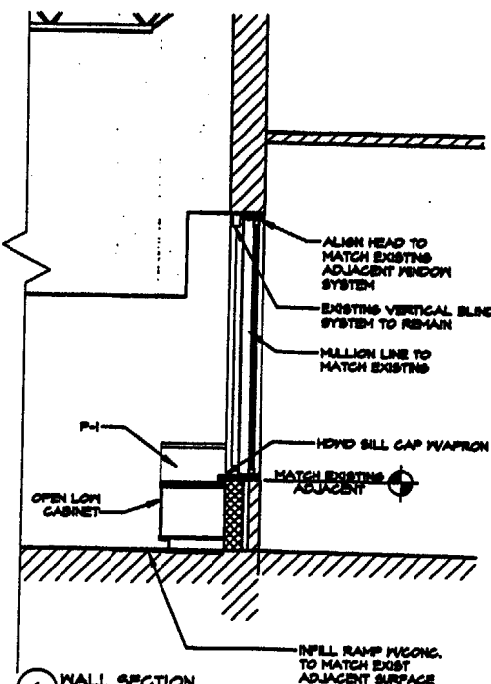
NOTE:
STEEL FABRICATOR / SUPPLIER SHALL ENGAGE A LICENSED STRUCTURAL ENGINEER TO DESIGN ALL CANOPY CONNECTIONS & INSTALLATION DETAILS



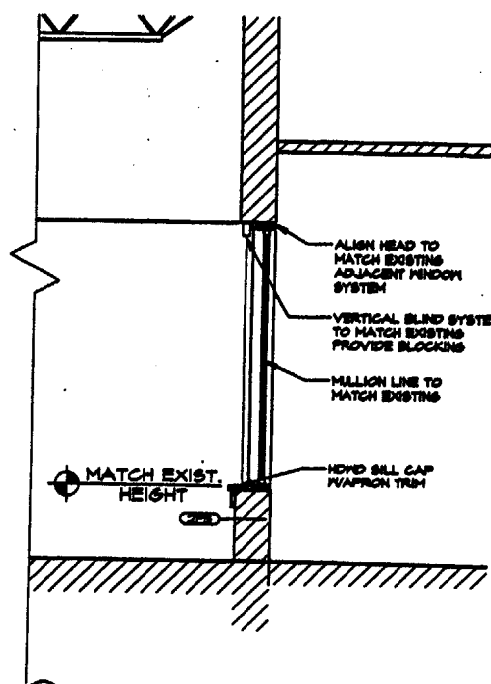
7 CANOPY/STAIR SECTION
3/4" = 1'-0"



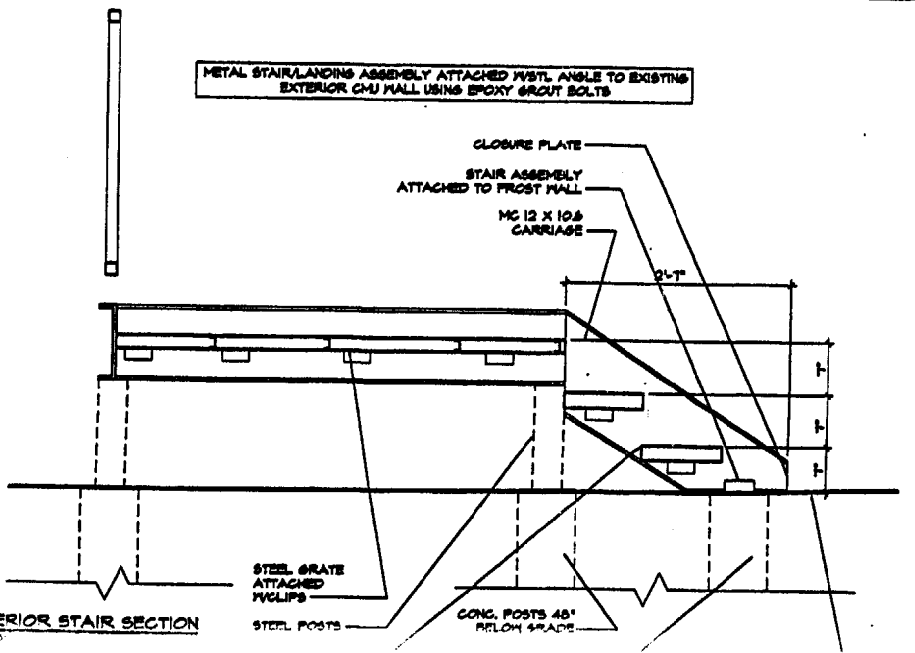
8 INFILL ROOF
1" = 1'-0"



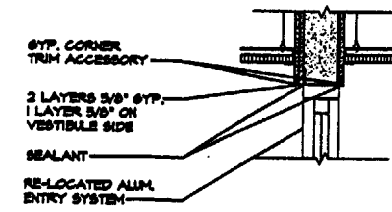
6 WALL SECTION
3/8" = 1'-0"



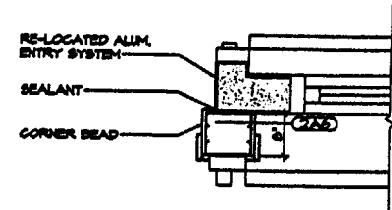
5 WALL SECTION
3/8" = 1'-0"



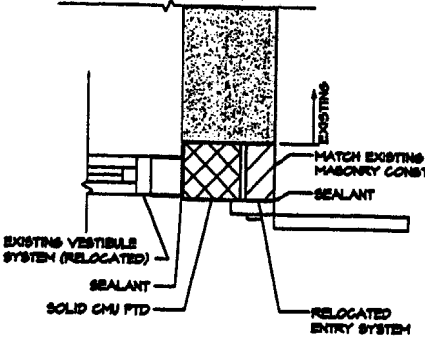
4 EXTERIOR STAIR SECTION
1/4" = 1'-0"



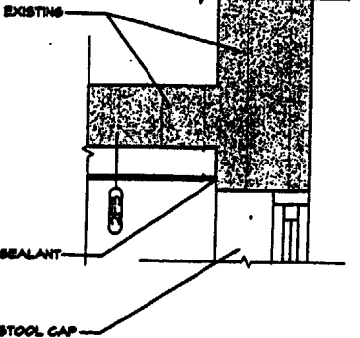
3A PLAN DETAIL
1" = 1'-0"



3 PLAN DETAIL
1" = 1'-0"



2 PLAN DETAIL
1" = 1'-0"



1 PLAN DETAIL
1" = 1'-0"

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	PIPE ELBOW TURNED DN		GLOBE VALVE		FLOW SWITCH		WALL CLEANOUT
	PIPE ELBOW TURNED UP		LOCKABLE BALL VALVE		SELF-CONTAINED TEMP. CONTROL VALVE WITH REMOTE SENSOR		AQUATAP
	PIPING TEE DOWN		PLUG VALVE		STEAM TRAP (FLOAT & THERMOSTATIC INDICATED T.T. = THERMOSTAT, S.T. = BUCKET TRAP)		EXPANSION LOOP
	PIPING TEE UP		2-WAY CONTROL VALVE		PUMP - POINT OF TRIANGLE INDICATES DIRECTION OF FLOW		FLOOR DRAIN
	PIPE RISER		3-WAY CONTROL VALVE		GAS SHUT-OFF VALVE		SHOCK ABSORBER (WATER HAMMER ARRESTER)
	45° ELBOW DOWN		LOCK & SHIELD VALVE		HOSE END DRAIN VALVE W/CAP		2-WAY SIAMESE FIRE DEPARTMENT CONNECTION
	PIPING TO BE REMOVED		CHECK VALVE - HEAT GENERATING EQUIPMENT		TEMPERATURE/PRESSURE TAP (PETE'S PLUG)		FREE STANDING SIAMESE FIRE DEPT. CONNECTION
	CAPPED PIPING		AIR ELIMINATOR		THERMOMETER/COCK		WATER GONG
	CAPPED BELOW FINISHED FLOOR		BALANCING VALVE (CIRCUIT SETTER)		SOLENOID VALVE		
	CONCENTRIC REDUCER		AUTOMATIC AIR VENT		ORIFICE FLOWMETER		
	ECCENTRIC REDUCER		STRAINER		DIFFERENTIAL PRESSURE TRANSMITTER		
	DIRECTION OF FLOW		STRAINER W/BLOWDOWN VALVE		HUMIDIFIER		
	PIPING PITCHES DOWN		EXPANSION VALVE (AUTOMATIC)		FINNED TUBE BASEBOARD		
	PIPE GUIDE		RELIEF/SAFETY VALVE		HOSE BIB/WALL HYDRANT		
	EXPANSION JOINT		PRESSURE GAUGE/COCK		SIGHT GLASS		
	PIPE ANCHOR		PRESSURE REDUCING VALVE		FUSIBLE LINK VALVE		
	UNION						
	FLANGED CONNECTION						
	BACKFLOW PREVENTER						
	FLEXIBLE CONNECTION						
	SHUT-OFF/ISOLATION VALVE REFER TO SPECIFICATIONS						
	GATE VALVE - OUTSIDE SCREW & YOKE (OS&Y)						

	DUCTWORK - FIRST DIMENSION IS SIDE SHOWN IN INCHES S= SUPPLY, R= RETURN, E= EXHAUST, FA= FRESH AIR		SMOKE DAMPER		CEILING DIFFUSER - 2-WAY BLOW
	ACOUSTICAL LINING (DUCT DIMENSION FOR NET FREE AREA)		DAMPER - FIRE		CEILING DIFFUSER - CORNER BLOW
	DUCTWORK TO BE REMOVED		FIRE AND SMOKE DAMPER		CEILING RETURN GRILLE
	DUCT TRANSITION		VOLUME DAMPER		CEILING EXHAUST GRILLE
	SQUARE TO ROUND TRANSITION		BACKDRAFT DAMPER		POINT OF CONNECTION DUSTING TO NEW
	FLEX DUCT - DOUBLE LINE		DAMPER - MOTORIZED		DIRECTION OF AIR FLOW (SUPPLY)
	FLEX DUCT - SINGLE LINE		FLEXIBLE CONNECTOR		DIRECTION OF AIR FLOW (RETURN)
	CHANGE IN ELEVATION (UP OR DOWN)		THERMOSTAT OR TEMP. SENSOR (AS SPECIFIED)		R, G & D TAG DIFFUSER, REGISTER OR GRILLE No.
	SUPPLY DUCT TURNED UP/DN		HUMIDISTAT OR HUMIDITY SENSOR (AS SPECIFIED)		FURNITURE TAG
	RETURN DUCT TURNED UP/DN		SWITCH		FURNITURE TAG LENGTH
	EXHAUST DUCT TURNED UP/DN		ACCESS PANEL		VAV TAG
	ROUND DUCT TURNED UP/DN		DUCT SMOKE DETECTOR		VAV No.
	MITERED DUCT ELBOW W/TURNING VANES		FAN - EXHAUST ROOF		MINIMUM CFM
	RADIUS DUCT ELBOW		FAN - SUPPLY ROOF VENT		MAXIMUM CFM
	DUCT/PIPE CAP (SINGLE/DOUBLE LINE)		CEILING DIFFUSER - 4-WAY BLOW		EQUIPMENT TAG
			CEILING DIFFUSER - 3-WAY BLOW		TYPE DESIGNATOR NUMBER

D1 PIPING SYMBOLS LEGEND

D6 AIR DISTRIBUTION SYMBOLS LEGEND

ACD	ACID WASTE	LPS	LOW-PRESSURE STEAM
AR	ARGON	MA	MEDICAL AIR
ATV	AIR RELIEF	MPC	MEDIUM-PRESSURE CONDENSATE
BBD	BOLLER BLOWDOWN	MPS	MEDIUM-PRESSURE STEAM
C	CONDENSATE	MU	MAKEUP WATER
C	CONDENSATE (BELOW FLOOR)	N2	NITROGEN
CA	COMPRESSED AIR	NG	NATURAL GAS
CDA	CLEAN DRY AIR	NO	NITROUS OXIDE
CHWR	CHILLED WATER RETURN	NPW	NON-POTABLE WATER
CHWS	CHILLED WATER SUPPLY	OX	OXYGEN
CWS	CONDENSER WATER SUPPLY	PC	PUMPED CONDENSATE
CWR	CONDENSER WATER RETURN	PCWR	PROCESSED COLD WATER RETURN
	DOMESTIC COLD WATER	PCWS	PROCESSED COLD WATER SUPPLY
	DOMESTIC HOT WATER	RD	REFRIGERANT DISCHARGE
	DOMESTIC WATER REGRG.	RL	REFRIGERANT LIQUID
D	DRAIN	RS	REFRIGERANT SUCTION
FOO	FUEL OIL DISCHARGE		SANITARY SOIL WASTE (ABOVE FLOOR)
FOF	FUEL OIL FILL		SANITARY SOIL WASTE (BELOW FLOOR)
FOR	FUEL OIL RETURN		SANITARY SOIL VENT (ABOVE FLOOR)
FOS	FUEL OIL SUPPLY		SANITARY SOIL VENT (BELOW FLOOR)
FOV	FUEL OIL TANK VENT	SV	SANITARY WASTE & VENT COMBINATION
GR	GLYCOL HEATING RETURN	SD	STORM DRAIN ABOVE FLOOR OR GRADE
GHS	GLYCOL HEATING SUPPLY	SD	STORM DRAIN BELOW FLOOR OR GRADE
H	HUMIDIFICATION LINE	SP	SPRINKLER MAIN PIPING
H2	HYDROGEN GAS	SW	SOFT WATER
HPH2	HIGH PRESSURE HYDROGEN GAS	TP	TRAP PRIMER PIPING ABOVE GRADE
HCV	HOUSE CLEANING VAC.	TP	TRAP PRIMER PIPING BELOW GRADE
HE	HELIUM GAS	THR	TEMPERED RETURN WATER
HPC	HIGH-PRESSURE CONDENSATE	TWS	TEMPERED SUPPLY WATER
HPS	HIGH-PRESSURE CONDENSATE SUPPLY	VAC	VACUUM (AIR)
HTWR	HIGH-TEMP. HOT WATER RETURN	VC	VACUUM CLEANING
HWR	LOW-HOT, WATER RETURN	VPD	VACUUM PUMP DISCHARGE
HWS	HOT WATER SUPPLY		
IND	INDUSTRIAL WASTE		
IW	INDIRECT DRAIN		
LN	LIQUID NITROGEN		
LOX	LIQUID OXYGEN		
LPC	LOW-PRESSURE CONDENSATE		
LPG	LIQUID PETROLEUM GAS		

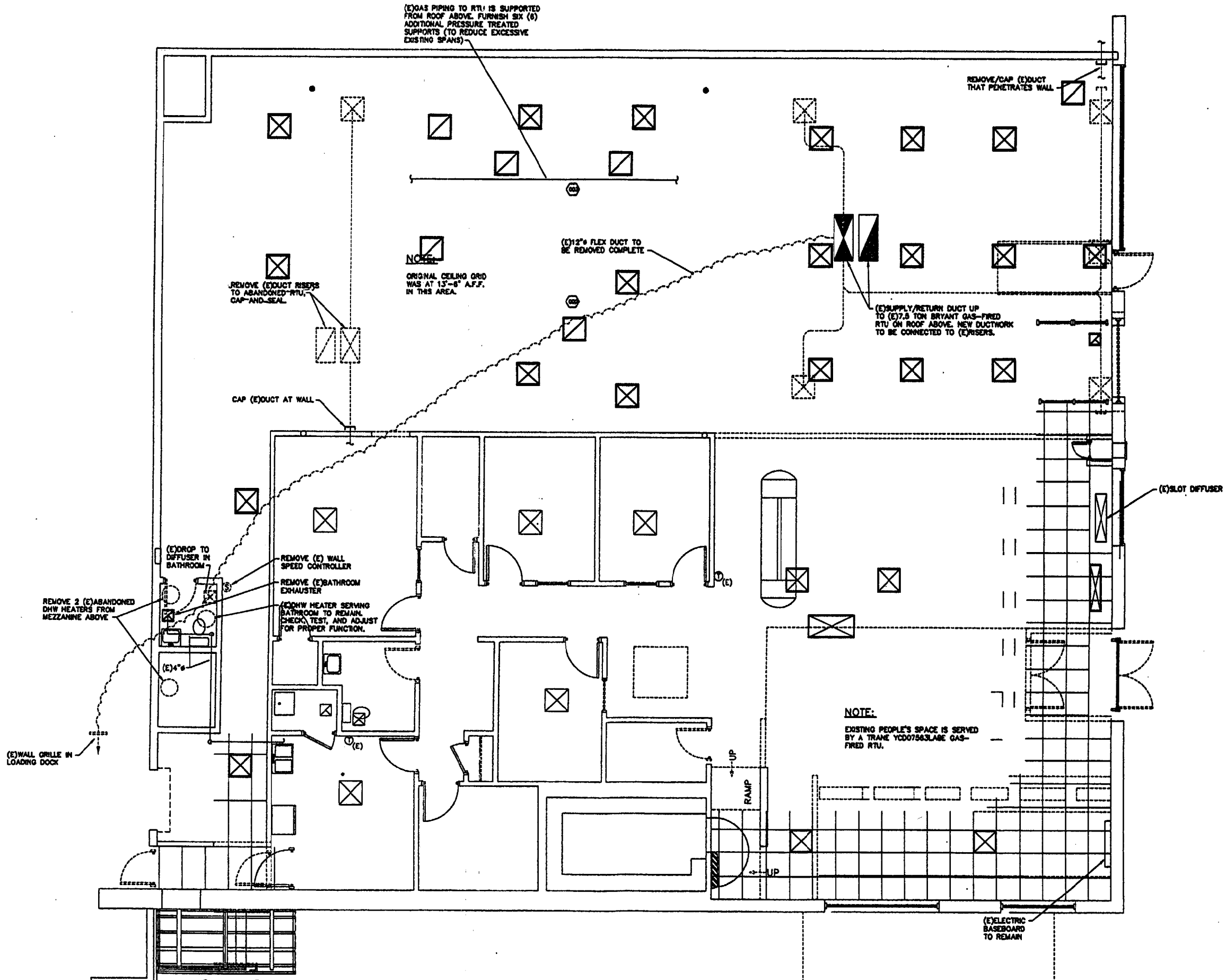
AAV	AUTOMATIC AIR VENT	EA	EXHAUST AIR	N.O.	NORMALLY OPEN	VB	VACUUM BREAKER
AC	ABOVE CEILING	EF	EXHAUST FAN	NC	NOT IN CONTRACT	VCF	VALVE & CAP FOR FUTURE
ACC	AIR COOLED CONDENSER	EL ELEV	ELEVATION	NPT	NATIONAL PIPE THREAD	VD	VOLUME DAMPER - MANUAL
ACU	AIR CONDITIONING UNIT	ELONG	ELONGATE	NTS	NOT TO SCALE	VO	VOLUME DAMPER - MANUAL
ADA	AMERICANS WITH DISABILITIES ACT	ENC	ENCLOSURE	OA	OUTSIDE AIR	VS	VENT STACK
AD	ACCESS DOOR	ER	EXHAUST REGISTER	OD	OPPOSED BLADE DAMPER	VTR V.T.R.	VENT THROUGH ROOF
AE	ACID EXHAUST	EX(I)	EXISTING	ODD	OPEN ENDED DUCT	W	WASTE
AW	ACID WASTE	F & T	FLOAT AND THERMOSTATIC	OD	OPPOSED BLADE DAMPER	W/	WITH
AFF: A.F.F.	ABOVE FINISHED FLOOR	FBO	FURNISHED BY OTHERS	PD	PUMPED DISCHARGE	WCO	WALL CLEANOUT
AHU	AIR HANDLING UNIT	FBP	FACE AND BYPASS	PPE	PRE PURCHASED EQUIPMENT	WH	WATER HEATER
AP	ACCESS PANEL	FC	FLEXIBLE CONNECTION	PRS	PRESSURE REDUCING STATION	WHYD	WALL HYDRANT
APPROX	APPROXIMATE; APPROXIMATELY	FCO	FLOOR CLEANOUT	PRV	PRESSURE REDUCING VALVE	NTS	NOT TO SCALE
APMR	AS PER MFR'S RECOMMENDATIONS	FD-#	FLOOR DRAIN TAG	RA	RETURN AIR	12" &	12" DIAMETER DUCT
ATC	AUTOMATIC TEMPERATURE CONTROL	FD	FIRE DAMPER	RD	ROOF DRAIN	@	AND
AV	AIR VENT	FIN	FINISH	REC	RECOMMENDATION	%	PERCENT
BC	BALANCING COCK	FL	FLOOR	REG	REGULAR		
BD	BACKDRAFT DAMPER	FTG	FOOTING	RF	RETURN FAN		
BG	BLAST GATE	FTR	FINNED TUBE RADIATION	RG	RETURN GRILLE		
BF	BARRIER FREE	FS	FLOW SWITCH	RHC	REHEAT COIL		
BFP	BACKFLOW PREVENTER	FM	FORCE MAIN	RM	ROOM		
BLDG	BUILDING	GC	GENERAL CONTRACTOR	RPZ	REDUCED PRESSURE BFP		
BD	BOTTOM OF DUCT	GPM	GALLONS PER MINUTE	RR	RETURN REGISTER		
B.T.U.	BRITISH THERMAL UNIT	H	HUMIDIFIER	RV	RELIEF VALVE		
CAF	CAPPED FOR FUTURE	HB	HOSE BIB	S	SUPPLY AIR		
CFM	CUBIC FEET PER MINUTE	HG, HDC	HANDICAP ACCESS	SA-	SHOCK ABSORBER OF POI SIZE (")		
CLG	CEILING	HOT, HT,	HEIGHT	SL	SOIL		
C.O.	CLEANOUT	HPT	HOSE PIPE THREAD	SCV	SELF CONTAINED VALVE		
CNTR	COUNTER; COUNTERTOP	HRU	HEAT RECOVERY UNIT	SD	SMOKE DAMPER		
CONN	CONNECT; CONNECTION	HTR	HEATER	SF	SUPPLY FAN		
CONT	CONTINUE; CONTINUATION	H & V	HEATING AND VENTILATION	SG	SUPPLY GRILLE		
CONV.	CONVECTOR	HVAC	HEATING, VENTILATING, & AIR COND.	SGL	SINGLE		
COORD	COORDINATE	HW	HOT WATER	SHT	SHEET		
CORR	CORRIDOR	HWR	HOT WATER RETURN	SK	SINK		
CR	CHEMICAL RESISTING	HX	HEAT EXCHANGER	SPLR	SPRINKLER		
CT	COOLING TOWER	IN W	INCHES WATER GAUGE	SQ FT	SQUARE FEET		
CTE	CONNECT TO EXISTING	INCL	INCLUDING	S/O	SHUT OFF		
CTR	CENTER	INV EL	INVERT ELEVATION	SR	SUPPLY REGISTER		
CTRLN	CENTERLINE	IPS	IRON PIPE SIZE	SS, S.S.	STAINLESS STEEL		
CJ	COPPER	KE-#	KITCHEN EQUIPMENT NUMBER	TD	TRANSFER GRILLE		
CUH	CABINET UNIT HEATER	LD	LINEAR DIFFUSER	TO	TOP OF DUCT		
C.V.	CONTROL VALVE	LE-#	SCIENCE LAB EQUIPMENT NUMBER	TP	TRAP PRIMER		
CW	COLD WATER	LPG	LIQUID PETROLEUM GAS	TSP	TOTAL STATIC PRESSURE		
DC	DOUBLE CONTAINED	MAX	MAXIMUM	TTS	TIGHT TO STEEL		
DDC	DIRECT DIGITAL CONTROL	M&H	1000 BTU/HR.	TV	TURNING VANE		
DET	DETAIL	MFR	MANUFACTURER	TW	TEMPERED WATER		
DIA	DIAMETER	MIN	MINIMUM	TYP	TYPICAL		
DIC	DOWN IN CHASE	MOD	MOTOR OPERATOR DAMPER	UH	UNIT HEATER		
DIW	DOWN IN WALL	MPG	MEDIUM PRESSURE GAS	UC	UP IN CHASE		
DN	DOWN	MPV	MULTI-PURPOSE VALVE	UW	UP IN WALL		
DS	DOWNSPOUT	MTD	MOUNTING	UV	UNIT VENTILATOR		
DT	DROP AND TRANSITION	MUA	MAKE UP AIR	V	NORMALLY CLOSED		
DV	DRAIN VALVE	N.C.	NORMALLY CLOSED				
DWG	DRAWING						

A1 PIPING LINETYPE LEGEND

A4 ABBREVIATIONS

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

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PEOPLES - EXPANSION
449 FOREST AVENUE
PORTLAND, MAINE



PLOT JOB NO.
02-024

DRWN. CHK.
REV. ~ IAM

SCALE
AS NOTED

ISSUE
18 MAY 2002
CONSTRUCTION

TITLE
MECHANICAL
DEMOLITION PLAN

SHEET

MD-100



allied Project No. 02027
CAD File: 02027A.DWG

PEOPLES - EXPANSION
449 FOREST AVENUE
PORTLAND, MAINE



PDT JOB NO. 02-024

DRWN. CHC
REV. - IAM

SCALE AS NOTED

ISSUE

16 MAY 2002
CONSTRUCTION

TITLE
MECHANICAL DETAILS
AND SPECIFICATIONS

SHEET

MH-500

GENERAL

1. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE PRE-EXISTING CONDITIONS AND ALL WORK NECESSARY, PRIOR TO BEGINNING. VERIFY ALL MEASUREMENTS AND EXISTING CONDITIONS IN THE FIELD. GENERAL SCHEDULED LAYOUT IS INDICATED. ALL OFFSETS, OBSTRUCTIONS, AND EXISTING CONFIGURATIONS AND CONSTRAINTS MUST BE FIELD VERIFIED.
2. OBTAIN NECESSARY PERMITS AND PAY ASSOCIATED FEES.
3. COORDINATE ANY SERVICE DISRUPTIONS WITH THE OWNER.
4. INSTALL, TEST, AND ADJUST ALL COMPONENTS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, ALL LOCAL CODES AND STANDARDS, AND OTHER REGULATIONS.
5. THE INTENTION OF THESE CONTRACT DOCUMENTS IS TO CALL FOR FINISHED WORK, FULLY TESTED AND READY FOR OPERATION. ANY COMPONENTS OR LABOR NOT MENTIONED IN THE CONTRACT DOCUMENTS BUT REQUIRED FOR FUNCTIONING SYSTEMS SHALL BE PROVIDED. SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR QUESTIONS OF MEANING, THE CONTRACTOR SHALL REFER THE MATTER TO THE ARCHITECT FOR DECISION BEFORE START OF ANY RELATED WORK.
6. PERFORM WORK IN ACCORDANCE WITH LOCAL CODES.
7. OBSERVE THE OWNER'S CLEANLINESS PROCEDURES.

METAL DUCTWORK

1. GALVANIZED STEEL DUCTWORK WITH ANNEaled GALVANIZED STEEL SHEET, LOCK-TURNING QUALITY, 600 ZINC COATING. ALL DUCTWORK SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS. CONTRACTOR MUST VERIFY SO THAT LEAKAGE DOES NOT EXCEED ONE PERCENT OF THE TOTAL AIR QUANTITIES. SEAL ALL JOINT JOINTS.
2. PROVIDE VOLUME DAMPERS AT ALL BRANCH DUCTS.
3. INSULATE FLEXIBLE DUCTS SHALL BE ADD UPWARDS OR APP'D EQUAL; ULL 101 CLASS-1; MINIMUM LENGTH 6 FEET.
4. INSULATE SUPPLY DUCTWORK WITH INSULATED FIBER GLASS DUCT WRAP, OR APPROVED EQUAL, CONFORMING TO ASTM D 682, TYPE I, 1/2" OR 3/4" THERMAL CONDUCTIVITY (K VALUE) OF AT LEAST .02 AT 70°F MEAN TEMPERATURE. PER JOINT CONFORMING TO ASTM D 1124, TYPE II, MAXIMUM TRANSMISSION RATING OF .02 PERCENT, SECURED IN PLACE USING OUTWARD CLAMP STAPLES AND APPROPRIATE PRESSURE SENSITIVE FOL TAPE OR GLASS FIBER AND WAFER BARRED TAPE.

DIFFUSERS

- TRUSS MODEL, TAIL, OR APPROVED EQUAL; LAY-ON, WHITE FINISH.
- 2-1" Ø DIA. NECK
 - 2-2" Ø DIA. NECK
 - 2-3" Ø DIA. NECK

GRILLES

- TRUSS MODEL, OR APPROVED EQUAL; ZERO-DEGREE ANGLE FIXED HORIZONTAL BLADES, 3/4" SPACING LAY-ON.
- 2-1" Ø DIA. NECK
 - 2-2" Ø DIA. NECK
 - 2-3" Ø DIA. NECK

VAV DIFFUSERS

THERMALLY POWERED VARIABLE AIR VOLUME MODULES SHALL BE THERMA-FIBER MODEL, T-40 MANUFACTURED BY AQUAFORM, OR APPROVED EQUAL. EACH MODULE SHALL BE A COMPLETE VAV TERMINAL AND THERMOSTAT SELF-CONTAINED IN A NOMINAL 2" X 2" DIFFUSER. CONTROLS, WIRING OR PROGRAMMING SHALL NOT BE REQUIRED. THE MODULES SHALL VARY THE SUPPLY AIR VOLUME TO PROVIDE BOTH VAV HEATING AND VAV COOLING. THEY SHALL BE THERMALLY POWERED USING TWO ROOM TEMPERATURE SENSING THERMOSTATS AND ONE CHANGEOVER THERMOSTAT. EACH ROOM-SENSING THERMOSTAT SHALL HAVE A MICROPROCESSOR TYPE TEMPERATURE SET POINT ADJUSTMENT WITH AN INDICATOR THAT MOVES ALONG A FRY TO 70°F TEMPERATURE SCALE. VAVL SET POINT SHALL BE FACTORY SET AT 70°F. AIR CHANGEOVER THERMOSTAT SHALL BE FACTORY INSTALLED AND ADJUSTED TO EXCHANGE FROM HEATING MODE WHEN THE SUPPLY AIR TEMPERATURE RISES ABOVE 60°F AND RETURN TO THE COOLING MODE WHEN THE SUPPLY AIR TEMPERATURE FALLS BELOW 60°F. THE MANUFACTURER SHALL WARRANT THAT THE MODULES SHALL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF TEN YEARS FROM THE DATE OF SHIPMENT. TAG: 2-11/2" Ø DIAMETER

BATHROOM EXHAUST FAN

COOK LITTLE 800-4 OR APPROVED EQUAL; 100 CFM AT 0.5" SP; 1070 RPM 80-WHITE, 150/1/00 THERMAL OVERLOAD PROTECTION AND REVERSEWIND FLAME RESISTANT BACKDRAFT DAMPER, INTEGRAL GRILLE, OPERATED BY LIGHT SWITCH.

ELECTRIC BASEBOARD HEATER

BASE OF DESIGN QUARK GAINO SERIES COMMERCIAL BASEBOARD HEATING

TESTING, ADJUSTING, AND BALANCING (T-A-B)

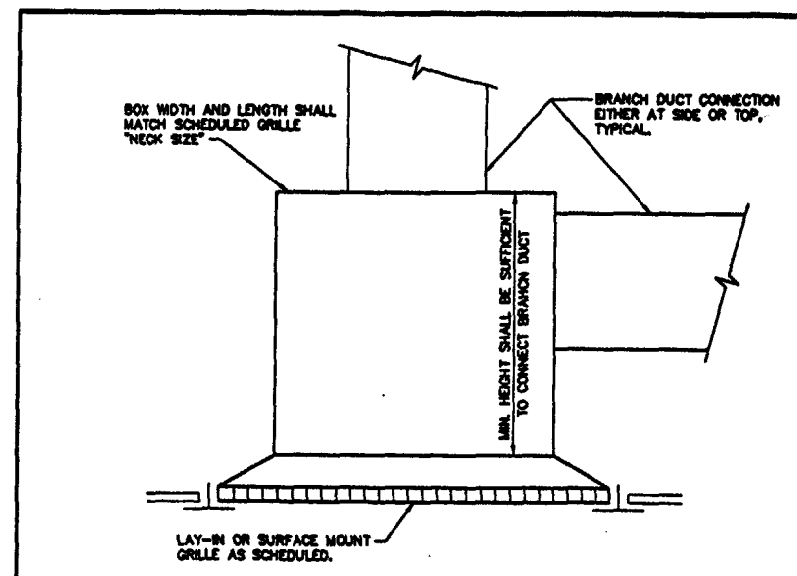
1. TEST, ADJUST, AND BALANCE EQUIPMENT AND DISTRIBUTION SYSTEMS IN ACCORDANCE WITH MECH OR ASMO PROCEDURAL STANDARDS. TESTS SHALL BE PERFORMED BY AN INDEPENDENT T-A-B AGENCY.
2. T-A-B ALL NEW AND REVISED AIR INLETS AND OUTLETS, INCLUDING DESIGN AND ACTUAL CFM. TEST AND ADJUST ADJACENT AFFECTED AREAS IF REQUIRED.
3. T-A-B THE RTU TO TAKE OUTSIDE AIR.

CONTROLS

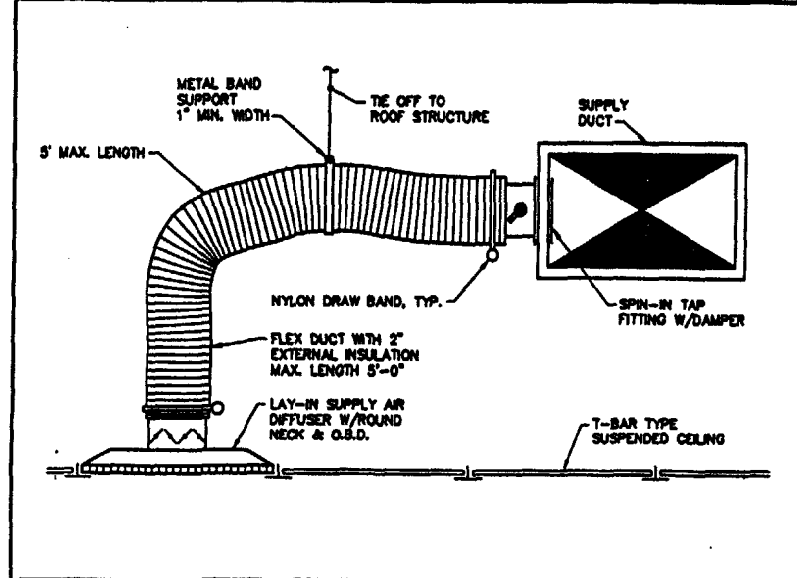
1. FURNISH AND INSTALL NEW THERMOSTATS TO SERVE THE EXISTING BRONX RTU, CONFIRM EXISTING RTU CONTROL PANEL, CHANGEOVER TO EXISTING EXISTING HONEYWELL CONFIGURATION. THERMOSTAT SHALL BE A HONEYWELL T7300 SERIES, COMMERCIAL COMMERCIAL, PROGRAMMABLE, WITH RECOGNIZED CONTROL. PROVIDE A T7300/0000 REMOTE TEMP. SENSOR FOR USE WITH AN ADJACENT SENSOR NETWORK.
2. SET UP CONTROLS FOR CONTINUOUS FAN OPERATION DURING OCCUPIED HOURS.
3. WIRE A NEW SUPPLY AIR SMOKE DETECTOR TO SHUT OFF THE UNIT UPON THE DETECTION OF SMOKE.
4. ELECTRIC SMOKEALARM SHALL BE PROVIDED WITH A THERMOSTAT. IN ADDITION, PROVIDE THE CLOCK CONTROL TO PREVENT OPERATION OF HEATERS BEYOND 5:00 HOURS.
5. COORDINATE OCCUPANCY SCHEDULES WITH OWNER, PROGRAM THERMOSTATS ACCORDINGLY.

FIRE PROTECTION

1. VERIFY THE EXISTING NET SPRINKLER SYSTEM AS REQUIRED TO SERVE THE LAYOUT. DESIGN, FURNISH, INSTALL, AND TEST THE REQUIRED SPRINKLER SYSTEM. SPRINKLER TYPES SHALL BE QUICK RESPONSE TYPES, STYLE TO MATCH EXISTING. ALL WORK SHALL BE IN ACCORDANCE WITH NFPA-13. PREPARE WORKING PLANS FOR APPROVAL BY THE STATE FIRE MARSHAL'S OFFICE AND OWNER'S INSURANCE UNDERWRITER.
2. PROVIDE RECESSED SPRINKLERS WITH WHITE FINISH.
3. EXISTING SPACE AND A CEILING HEIGHT OF 13'-0", THE NEW CEILING WILL BE LOWER. FURNISH BRANCHES WILL NEED TO BE LOWERED.
4. SYSTEM IMPROVEMENTS SHALL BE LIMITED TO FOUR HOURS OR LESS. BEFORE SHUTTING OFF A SECTION OF THE SPRINKLER SYSTEM TO MAKE SPRINKLER TESTS, NOTIFY THE LOCAL FIRE DEPARTMENT, PLAN THE WORK CAREFULLY, AND ASSEMBLE ALL MATERIALS TO COMPLETE THE TEST. THE SHORTEST TIME POSSIBLE. WORK STARTED ON CONNECTIONS SHOULD BE COMPLETED WITHOUT INTERRUPTION AND PROTECTION REQUIRED AS PROMPTLY AS POSSIBLE. DURING THE IMPROVEMENT, PROVIDE EMERGENCY HOME ESTABLISHMENTS AND MANAGED EXTRA WORK SERVICE IN THE AFFECTED AREAS.



C5 DETAIL ~ RETURN AIR REGISTER BOOT
NO SCALE



A5 DETAIL ~ SUPPLY AIR BRANCH CONNECTION
NOT TO SCALE

AB SPECIFICATIONS AND NOTES
NONE

- FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND SUPPLIES AND PERFORM ALL OPERATIONS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM AS INDICATED ON THE DRAWINGS, SPECIFIED, AND REQUIRED BY CODE OR BUILDING STANDARDS.
- COMPLIANCE:** ALL WORK SHALL BE PERFORMED IN COMPLETE COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE, ALL STATE OR LOCAL CODES, AND AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL PAY ALL FEES FOR PERMITS AND OBTAIN ALL APPROVALS FROM AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND LABOR FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER UNLESS NOTED OTHERWISE.
- IN ACCORDANCE WITH DIVISION 1, PROVIDE SHOP DRAWINGS OF SUPPLIED ELECTRICAL EQUIPMENT FOR APPROVAL INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, PANELBOARDS, SAFETY SWITCHES, AND DEVICES.
- PRIOR TO SUBMISSION FOR REVIEW OF ANY ITEM OF EQUIPMENT, DETERMINE WHETHER OR NOT IT WILL FIT IN THE SPACE PROVIDED. ANY CHANGES IN THE SIZE OR LOCATION OF THE MATERIAL SUPPLIED WHICH MAY BE NECESSARY IN ORDER TO MEET FIELD CONDITIONS OR IN ORDER TO AVOID CONFLICTS WITH OTHER DIVISIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER AND APPROVAL RECEIVED BEFORE SUCH ALTERATIONS ARE MADE.
- PROVIDE OPERATION AND MAINTENANCE MANUALS FOR PANELBOARDS AND LIGHTING FIXTURES IN ACCORDANCE WITH DIVISION 1.
- PROVIDE "AS BUILT" RECORD DRAWING SET (RED LINE).
- GENERALLY, ALL WORK IN FINISHED AREAS SHALL BE CONCEALED. CONSULT ARCHITECT FOR DIRECTION WHERE WORK CANNOT BE CONCEALED.
- FEEDERS AND BRANCH CIRCUITS SHALL BE INSTALLED AS FOLLOWS:
 ~EXPOSED INDOORS: EMT IN UNFINISHED AREAS, SURFACE METAL RACEWAYS IN FINISHED AREAS WHEN DIRECTED BY ARCHITECT.
 ~EXPOSED OUTDOORS: EMT W/RAINTIGHT FITTINGS
 ~CONCEALED ABOVE CEILING OR IN STUD WALL:
 EMT OR TYPE MC CABLE (METAL CLAD) FOR 15 THRU 60 AMP CIRCUITS.
 ~FINAL CONNECTIONS TO MOTORS:
 OUTDOORS OR WET LOCATIONS: LIQUDTIGHT FLEXIBLE METAL CONDUIT
 INDOORS: FLEXIBLE METAL CONDUIT
- ALL CONDUCTORS SHALL BE COPPER WITH INSULATION RATED FOR 600V AND NOT LESS THAN 90 DEGREES C.
- BRANCH CIRCUIT CONDUCTORS SHALL NOT BE LESS THAN #12 AWG AND SHALL NOT EXCEED 100 FEET FROM PANELBOARD TO FURTHEST OUTLET. FOR HOMERUNS THAT DO NOT EXCEED 150 FEET, #10 AWG IS PERMITTED. FOR HOMERUNS GREATER THAN 150 FEET, CONDUCTOR SHALL NOT BE LESS THAN #8 AWG.
- PROVIDE #10 NEUTRAL FOR ALL LIGHTING AND COMPUTER CIRCUITS.
- COLOR CODE THE CONDUCTORS OF EACH PHASE AS FOLLOWS:
 120/208 VOLT: A-BLACK, B-RED, C-BLUE
 NEUTRAL CONDUCTORS:
 120 VOLT-WHITE
 EQUIPMENT GROUND WIRES SHALL BE BARE COPPER OR CODED GREEN IF INSULATED.
 ISOLATED GROUND WIRES SHALL BE GREEN WITH YELLOW STRIPES IN ACCORDANCE WITH NEC.
- CIRCUITING SHALL BE AS SHOWN ON THE DRAWINGS AND IN ACCORDANCE WITH APPLICABLE CODES AND STANDARD PRACTICE.
- COMBINING OF CIRCUITS WITHIN A SINGLE RACEWAY IS PERMITTED, WITH A MAXIMUM OF EIGHT CURRENT CARRYING CONDUCTORS PER HOMERUN.
- TELEPHONE AND DATA CABLING AND TERMINATIONS SHALL BE INSTALLED UNDER SEPARATE CONTRACT. PROVIDE RACEWAYS AS INDICATED ON THE DRAWINGS. VERIFY ALL TELEPHONE AND DATA OUTLET LOCATIONS PRIOR TO ROUGH IN. COORDINATE WITH OWNER AND OWNER'S DATA/TELECOMMUNICATIONS INSTALLER.

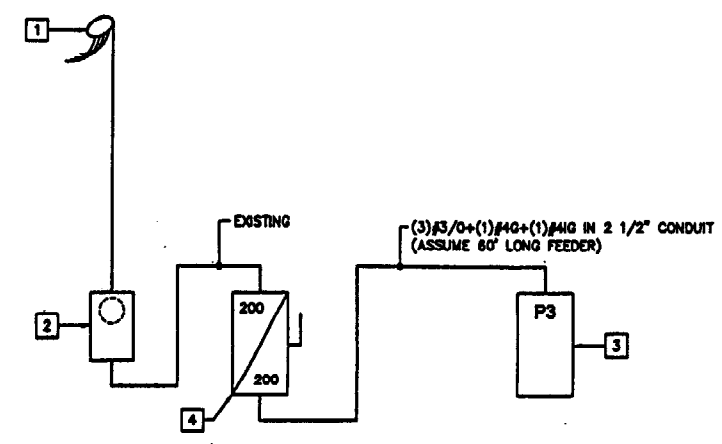
- ALL CUTTING AND PATCHING REQUIRED FOR INSTALLING THE ELECTRICAL WORK SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. ALL CUTTING SHALL BE PATCHED AND FINISHED TO MATCH SURROUNDING AREA, SATISFACTORY TO OWNER.
- PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRE STOPPED BY SEALING WITH MATERIAL APPROVED FOR THE APPLICATION.
- PROVIDE SEALING FITTINGS TO PREVENT PASSAGE OF WATER VAPOR WHERE CONDUITS PASS FROM WARM TO COLD LOCATIONS, SUCH AS OUTDOORS, AIR CONDITIONED SPACES OR SIMILAR SPACES. IN CONCEALED WORK, EACH FITTING SHALL BE INSTALLED IN A FLUSH STEEL BOX WITH A BLANK COVER PLATE HAVING THE SAME FINISH AS THAT OF OTHER ELECTRICAL PLATES.
- FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISC. METALS SUCH AS GALVANIZED IRON PIPE STANCHIONS, RACKS, FITTINGS, ETC. REQUIRED FOR PROPER INSTALLATION OF WORK. ALL MISC. RACKS AND FITTINGS SHALL BE GALVANIZED AND SHALL EITHER BE INDOOR CHANNEL, POWER STRUT OR UNISTRUT, UNLESS OTHERWISE SPECIFIED.
- MINIMUM REQUIREMENT FOR EQUIPMENT GROUNDING SHALL BE GOVERNED BY THE LATEST EDITION OF THE NEC. ALL GROUNDS, BONDING, ETC. SHALL MEET THESE REQUIREMENTS. FURNISH AND INSTALL ANY AND ALL ITEMS NECESSARY TO MEET THESE REQUIREMENTS. TEST RESISTANCE USING A MEGGER SPECIFICALLY DESIGNED FOR TESTING GROUNDS AND FOLLOWING MANUFACTURER'S RECOMMENDATIONS. SUBMIT TEST RESULTS TO ENGINEER.
- EXCEPT WHERE SPECIFICALLY INDICATED, ALL EXPOSED NON-CURRENT CARRYING METALLIC PARTS OF ELECTRICAL EQUIPMENT, METALLIC RACEWAY SYSTEMS, GROUND BUS, METALLIC CABLE ARMOR AND NEUTRAL CONDUCTOR OF THE WIRING SYSTEM SHALL BE GROUNDED.
- ALL RECEPTACLES SHALL BE GROUNDED VIA A COPPER GROUNDING CONDUCTOR THAT SHALL BE RUN WITH POWER WIRES. A SEPARATE GROUNDING CONDUCTOR SHALL BE RUN IN EVERY FEEDER AND BRANCH CIRCUIT CONDUIT. IN ADDITION, PROVIDE AN INSULATED AND ISOLATED GROUNDING CONDUCTOR TO THE GROUNDING TERMINAL OF ISOLATED GROUND TYPE RECEPTACLES.
- ALL DEVICES SHALL BE SPECIFICATION GRADE AND OF ADEQUATE SIZE AND TYPE AS REQUIRED FOR THE PARTICULAR LOCATION AND SERVICE INTENDED. DEVICES SHALL NOT BE RATED LESS THAN 20 AMPS. ALL DEVICES SHALL HAVE IVORY FINISHES UNLESS NOTED OTHERWISE. DEVICE PLATES SHALL BE TYPE 302 STAINLESS STEEL.
- OUTLET BOXES IN THE DRYWALL PARTITIONS OR COLUMNS SHALL BE 4" SQUARE AND NOT LESS THAN 1 1/2" DEEP. GALVANIZED SHEET STEEL WITH PLASTER COVERS. BOXES SHALL BE AS MANUFACTURED BY STEEL CITY OR EQUIVALENT.
- FURNISH AND INSTALL PULL AND JUNCTION BOXES WHERE SHOWN ON DRAWINGS AND ANY ADDITIONAL BOXES AS MAY BE REQUIRED TO FACILITATE PULLING WIRE AND CABLE OR TO PREVENT DAMAGE TO INSULATION.
- CONDUCTORS SHALL BE CONTINUOUS WITHOUT JOINTS OR SPLICES ON RUNS BETWEEN OUTLET BOXES. ALL SPLICES SHALL BE MADE AT BOXES ONLY.
- LABEL EACH RECEPTACLE ON THE INSIDE OF EACH FACEPLATE WITH PANEL AND CIRCUIT NUMBER DESIGNATIONS.
- PROVIDE ENGRAVED PHENOLIC LABELS ON ALL PANELBOARDS INDICATING PANEL DESIGNATION, VOLTAGE AND SYSTEM CONFIGURATION AND SOURCE PANEL. EACH PANELBOARD SHALL CONTAIN A TYPED DIRECTORY OF ALL CIRCUITS.
- PROVIDE THE NECESSARY SOURCE OF POWER, METERS, INSTRUMENTS, TEMPORARY WIRING AND LABOR, AND PERFORM TESTS AND ADJUSTMENTS OF EQUIPMENT AND WIRING INSTALLED OR CONNECTED UNDER THIS SPECIFICATION TO DETERMINE PROPER PHASING, POLARITY, FREEDOM FROM GROUNDS, AND OPERATION OF EQUIPMENT.

- BRANCH CIRCUIT WIRING NOT SHOWN. CONNECT ITEMS TO CIRCUITS INDICATED.
- DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF DIVISION 16 AND OTHER DIVISIONS.
- DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR EXACT DIMENSIONS.
- THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THESE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDER TO MEET STRUCTURAL/ARCHITECTURAL REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE.
- ALL ELECTRICAL DEVICES, WHEN INSTALLED, SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. COVER PLATES SHALL BE INSTALLED AFTER FINISH MATERIALS HAVE BEEN APPLIED.
- COORDINATE ALL WORK WITH OTHER DIVISIONS, THE OWNER, AND THE OWNER'S SECURITY, CCTV, AND DATA/TELECOMMUNICATIONS INSTALLERS.
- VERIFY EXACT POWER REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH IN.
- POWER WIRING FOR EQUIPMENT & CONTROL SHALL BE PERFORMED BY DIVISION 16. CONTROL WIRING FOR MECHANICAL EQUIPMENT SHALL BE BY DIVISION 16.
- NO WIRING THAT BECOMES UNUSED AS PART OF THIS PROJECT SHALL BE ABANDONED IN PLACE.
- REMOVE ALL EXISTING ELECTRICAL ITEMS AND WIRING FROM WALLS THAT WILL BE DEMOLISHED BY OTHER DIVISIONS, WHETHER OR NOT SUCH ITEMS ARE SPECIFICALLY INDICATED ON THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF WALLS TO BE REMOVED.
- WHERE EXISTING ITEMS ARE INDICATED TO BE REMOVED, REMOVE WIRING, CONDUIT, BOXES, ETC. ASSOCIATED WITH SUCH ITEMS BACK TO SOURCE.
- PROTECT AND MAINTAIN FULLY OPERATIONAL ALL EXISTING EQUIPMENT, WIRING, ETC. TO REMAIN DURING CONSTRUCTION.
- WHERE WIRING TO EXISTING DEVICES, FIXTURES, EQUIPMENT, ETC. MUST BE REPLACED TO FACILITATE THE WORK OF DIVISION 16 OR OTHER DIVISIONS, USE ONLY WIRING METHODS SPECIFIED AND PERMITTED BY THE CURRENT NEC.
- REMOVE ALL EXISTING TYPE NM CABLE FROM ABOVE ACCESSIBLE CEILINGS WITHIN EXPANSION SPACE.

- WP WEATHERPROOF
 (E) EXISTING TO REMAIN
 (R) REMOVE
 (RL) REMOVE AND RELOCATE
 (ER) RELOCATED ITEM AT NEW LOCATION
 UNO UNLESS NOTED OTHERWISE
 CB CIRCUIT BREAKER
 IG ISOLATED GROUND
 [] KEY NOTE
 [] 208/120V PANELBOARD ~ SURFACE MOUNTED
- ← 120V HOME RUN TO PANEL ~ (2)#12+(1)#12 TO 20A, 1P CIRCUIT BREAKER UNO
 ← 120V ISOLATED GROUND HOME RUN TO PANEL ~ (1)#12+(1)#10H+(1)#120+(1)#120 TO 20A, 1P CIRCUIT BREAKER UNO
 ← 208V OR 208/120V HOMERUN TO PANEL ~ (2)#12+(1)#12H+(1)#120 TO 20A, 1P CIRCUIT BREAKER UNO
- ◆ DUPLEX RECEPTACLE ~ MOUNT 18" AFF UNO
 ◆ DOUBLE DUPLEX RECEPTACLE ~ MOUNT 18" AFF UNO ~ CONNECT (1) DUPLEX TO EACH CIRCUIT WHERE (2) CIRCUITS ARE SHOWN
 ◆ GFCI TYPE DUPLEX RECEPTACLE ~ MOUNT 44" AFF UNO
 ◆ DUPLEX RECEPTACLE WITH ISOLATED GROUND ~ MOUNT 18" AFF UNO
 ▼ TELEPHONE/DATA OUTLET ~ PROVIDE 1-GANG MOUNTING PLATE CADDY, WP15 OR EQUAL WITH 3/4" CONCEALED CONDUIT WITH PULL STRING TO ABOVE NEAREST ACCESSIBLE CEILING ~ MOUNT 18" AFF UNO
 ~ SINGLE GANG JUNCTION BOX FOR FURNITURE FEED MOUNT 18" AFF PROVIDE FLEXIBLE CONNECTION TO MODULAR FURNITURE
 ○ VOICE OUTLET
- 2x4 PARABOLIC LUMINAIRE ~ LITHONIA #2PM3N-0-B-332-18LD-120-GE8 OR APPROVED EQUAL WITH (3) 32W T8 3000K LAMPS
 LETTER INDICATES SWITCHING ~ TYPICAL
 NUMBER INDICATES CIRCUITING ~ TYPICAL
- 2x2 PARABOLIC LUMINAIRE ~ LITHONIA #2PM3N-0-B-2U316-9LD-120-GE8 OR APPROVED EQUAL WITH (2) 32W T8 3000K 6"U LAMPS
- SHADING INDICATES FIXTURE WITH ONE LAMP CONNECTED TO EMERGENCY BATTERY/BALLAST ~ TYPICAL
- RECESSED DOWNLIGHT ~ GOTHAM #AF 1/18TRT8AR120 WITH TRIPLE-TUBE COMPACT FLUORESCENT 3000K LAMP OR APPROVED EQUAL
- 6" CORRIDOR WRAPAROUND ~ LITHONIA #TCA-232120GE8 OR APPROVED EQUAL WITH (4) 32W T8 3000K LAMPS
 4" CORRIDOR WRAPAROUND ~ LITHONIA #CA-232120GE8 OR APPROVED EQUAL WITH (2) 32W T8 3000K LAMPS
- EXTERIOR WALL MOUNTED LUMINAIRE ~ LITHONIA #WR28H28TRT120 WITH 26W TRIPLE-TUBE COMPACT FLUORESCENT LAMP OR APPROVED EQUAL ~ MOUNT 12" ABOVE DOOR
- DOT SIGN ~ CEILING OR WALL MOUNTED 7"-6" AFF OR OVER DOOR
 SHADING INDICATES FACE(S)
 ARROWHEAD INDICATES CHEVRON(S) REQUIRED
 NUMBER INDICATES CIRCUIT NUMBER
 LITHONIA #LESWR-120ELM OR APPROVED EQUAL
- ⚡ SINGLE POLE LIGHT SWITCH ~ 20A, 125/277V ~ MOUNT 48" AFF
 LETTER INDICATES LIGHTS SWITCHED ~ TYPICAL
 ⚡ THREE-WAY LIGHT SWITCH ~ MOUNT 48" AFF
 ⚡ FOUR-WAY LIGHT SWITCH ~ MOUNT 48" AFF
 ⚡ SINGLE POLE SWITCH WITH RED PILOT LIGHT ~ RED LIGHT SHALL GLOW WHEN LOAD IS ENERGIZED ~ MOUNT 48" AFF
 [] LOW VOLTAGE TRANSFORMER ~ LOCATE ABOVE ACOUSTICAL CEILING ~ SECONDARY VOLTAGE AS REQUIRED.
 [] PUSHBUTTON ~ RATED 24VAC MINIMUM
 [] 8-10VAC FLUSH MOUNTED BUZZER ~ EDWARDS #661 OR APPROVED EQUAL
 [] ELECTRIC STRIKE ~ FURNISHED BY DIVISION 8, WIRED BY DIVISION 16

D1 ELECTRICAL SPECIFICATIONS

D6 ELECTRICAL GENERAL NOTES



- RISER DIAGRAM KEY NOTES**
- EXISTING SERVICE DROP POINT OF ATTACHMENT SHALL BE RELOCATED TO LOAD SIDE OF EXISTING INSTRUMENT TRANSFORMERS FOR EXISTING SERVICE BY CENTRAL MAINE POWER. COORDINATE WITH CENTRAL MAINE POWER AND OWNER.
 - REMOVE EXISTING METER SOCKET. PROVIDE JUNCTION BOX, SIZED PER NEC 2002 ARTICLE 314. SPLICE EXISTING CONDUCTORS USING UL LISTED FACTORY-INSULATED MECHANICAL CONNECTORS.
 - PANEL P3 SHALL BE A DEAD FRONT PANELBOARD, SQUARE D TYPE HQDD OR APPROVED EQUAL. PANELBOARD SHALL CONTAIN AN INTEGRAL FACTORY-INSTALLED TVSS SUITABLE FOR ANSI/IEEE C82.41 CATEGORY C ENVIRONMENTS. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE. PROVIDE 200% RATED NEUTRAL BUS, EQUIPMENT GROUND BUS AND ISOLATED GROUND BUS.
 - EXISTING SERVICE DISCONNECT FOR EXPANSION SPACE ~ SWITCH IS LOCATED IN LANDLORD AREA AT REAR OF BUILDING ~ COORDINATE WITH LANDLORD FOR ACCESS.

A1 POWER RISER DIAGRAM

A8 ELECTRICAL LEGEND

ARCHITECTS

allied
engineering, inc.

Project No. 0227
CAD File: 0207E.DWG

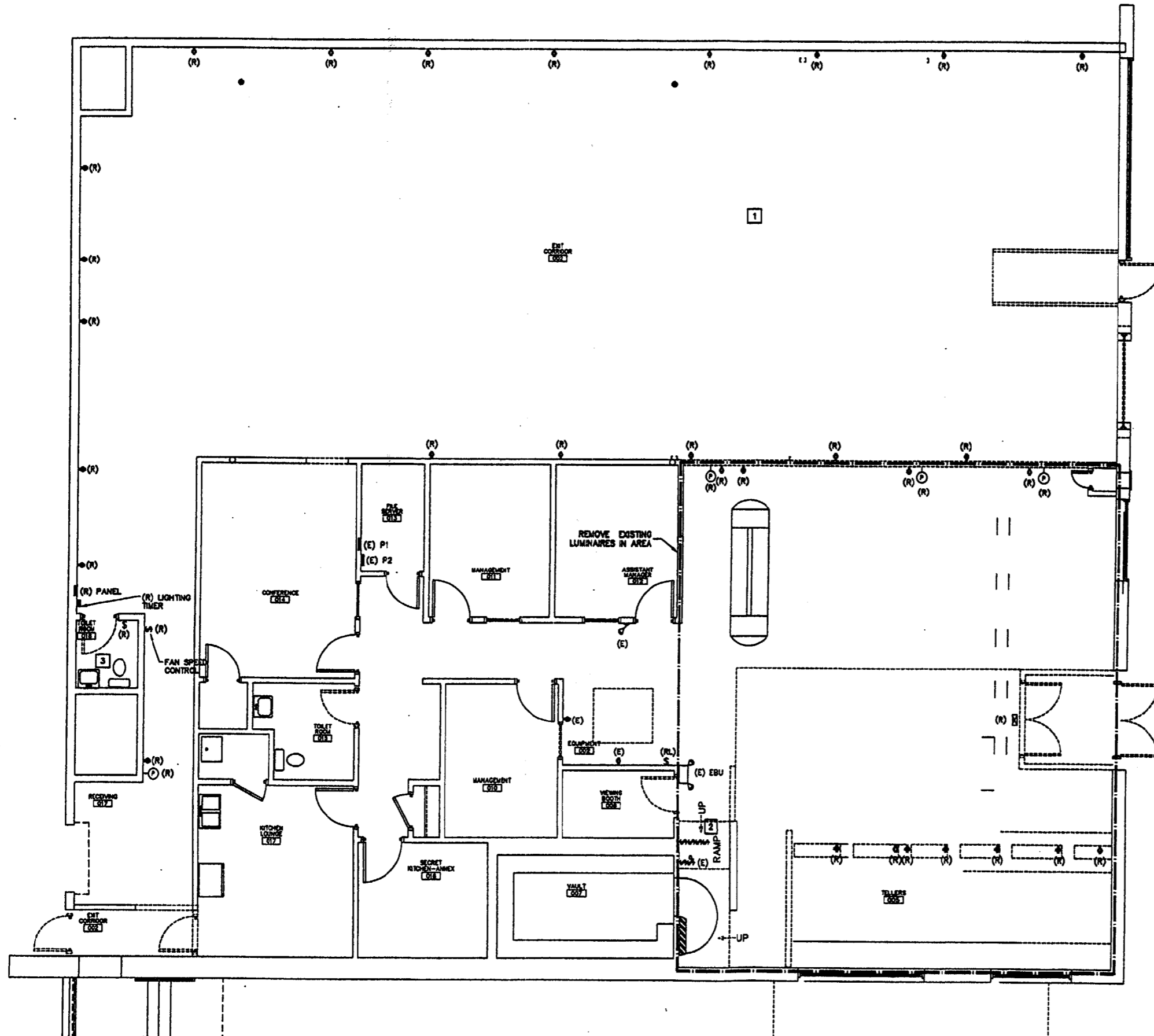
PEOPLES-EXPANSION
449 FOREST AVENUE
PORTLAND, MAINE

STATE OF MAINE
CATHYRINE A. FAUCHER
REGISTERED PROFESSIONAL ENGINEER

PDT JOB NO. 02-024
DRWNL CHK. CRN ~ SSM/CAF

SCALE AS NOTED
ISSUE 16 MAY 2002 CONSTRUCTION

TITLE ELECTRICAL SPECIFICATIONS
SHEET E-000



- KEY NOTES**
- 1 REMOVE EXISTING TYPE NM FEEDER TO EXISTING ROOFTOP HVAC UNIT.
 - 2 REMOVE SWITCHES FOR EXISTING LOBBY AND TELLER AREA LIGHTING TO BE REMOVED. SWITCHES CONTROLLING OTHER AREAS SHALL REMAIN. REFER TO SHEET EL-100 FOR NEW SWITCHING.
 - 3 DISCONNECT AND REMOVE WIRING TO EXISTING WATER HEATER.

ARCHITECTS



allied Project No: 02027
 CAD File: 02027L.DWG

PEOPLES - EXPANSION
 449 FOREST AVENUE
 PORTLAND, MAINE



PDT JOB NO. 02-024

DRWN. CHK. CRH - SRM/CAF

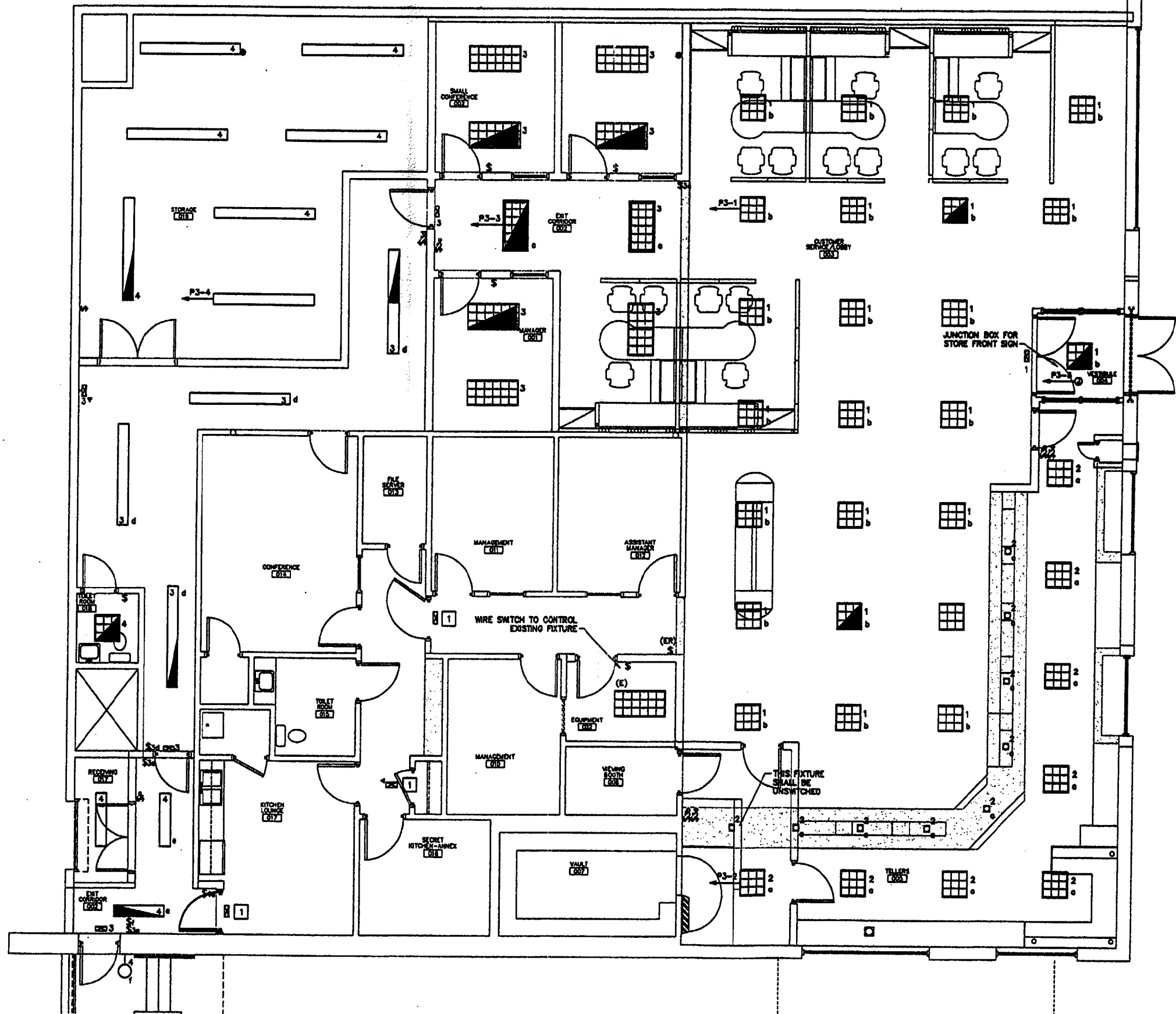
SCALE AS NOTED

ISSUE 16 MAY 2002 CONSTRUCTION

TITLE ELECTRICAL DEMOLITION PLAN

SHEET

ED-100



KEY NOTES

1 CONNECT TO UNSWITCHED PORTION OF LIGHTING CIRCUIT SERVING ROOM OR AREA.

ARCHITECTS



allied Project No: 02027
CAD File: 02027L.DWG

PEOPLES - EXPANSION
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PLOT JOB NO. 02-024

DRWN. CHK. CRH - SPM/CW

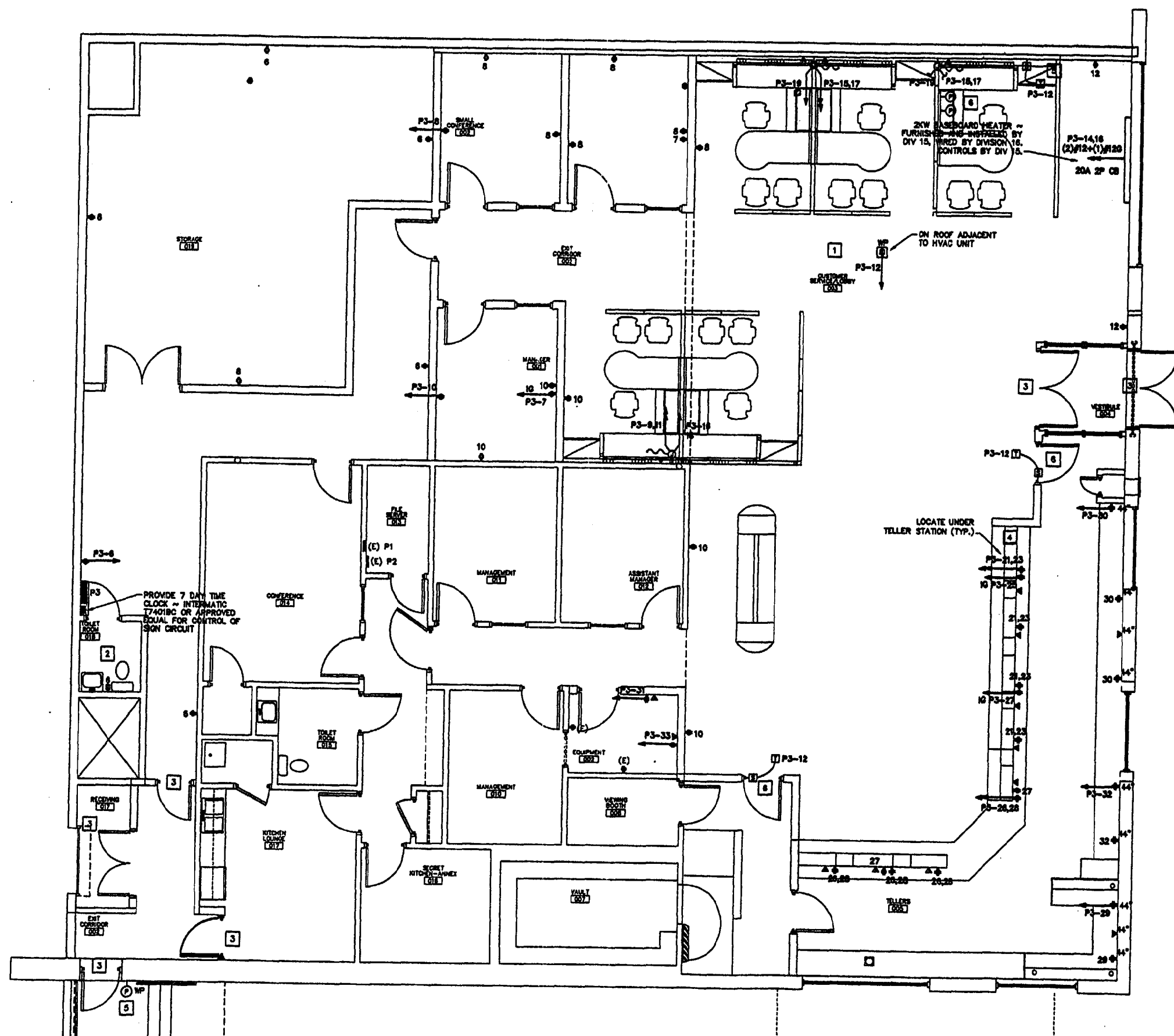
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ISSUE 16 MAY 2002 CONSTRUCTION

TITLE ELECTRICAL LIGHTING PLAN

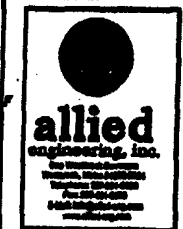
SHEET

EL-100



- KEY NOTES**
- 1 PROVIDE 60A, 3-PHASE FEEDER TO EXISTING ROOFTOP HVAC UNIT ~ (3)Ø + (1)Ø TO P3 - 20,22,24 PROVIDE 60A 3P CB.
 - 2 PROVIDE 20A, 120V CIRCUIT TO EXISTING WATER HEATER ~ CONNECT TO P3-18 PROVIDE 20A 1P CB.
 - 3 PROVIDE 1/2" CONDUIT WITH PULL STRING TO ABOVE NEAREST ACCESSIBLE CEILING FOR DOOR CONTACT ~ COORDINATE WITH SECURITY SYSTEM INSTALLER.
 - 4 PROVIDE CONDUIT SLEEVE(S) WITH PULL STRING TO ABOVE NEAREST ACCESSIBLE CEILING FOR PANG BUTTONS ~ COORDINATE WITH SECURITY SYSTEM INSTALLER.
 - 5 CONNECT BUZZER FOR CONTROL BY PUSHBUTTON AT RECEIVING DOOR ~ VERIFY BUZZER AND PUSHBUTTON LOCATIONS WITH OWNER.
 - 6 CONNECT EACH ELECTRIC STRIKE FOR CONTROL BY A SEPARATE PUSHBUTTON AT HEAD TELLER WORKSTATION ~ VERIFY PUSHBUTTON LOCATIONS WITH OWNER.

ARCHITECTS



allied Project No. 02-024
CAD FILE: 02024.DWG

PEOPLES - EXPANSION
449 FOREST AVENUE
PORTLAND, MAINE



POT JOB NO. 02-024

DRWN. CHK. CRH - SPM/CAF

SCALE AS NOTED

ISSUE 14 MAY 2002 CONSTRUCTION

TITLE ELECTRICAL POWER PLAN

SHEET

EP-100

A1 ELECTRICAL POWER PLAN
1/4" = 1'-0"