

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read
Application And
Notes, If Any,
Attached

BUILDING INSPECTION

PERMIT

PERMIT ISSUED
Permit Number: 020008
APR 16 2002
CITY OF PORTLAND

This is to certify that Old Cumberland Associates/ T Const Inc.
has permission to Install steel lintel and cut new control joist
AT 447 Cumberland Ave L. 036 F020001

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

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

Notification of inspection must be given and written permission procured before this building or part thereof is altered or closed-in. HEAR 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

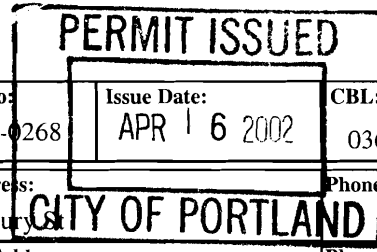
[Signature] 4/16/2002
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 02-0268	Issue Date: APR 16 2002	CBL: 036 F020001
-----------------------	----------------------------	---------------------



Location of Construction: 447 Cumberland Ave	Owner Name: Old Cumberland Associates	Owner Address: 170 Newbury St	Phone:
Business Name: n/a	Contractor Name: DMT Construction, Inc.	Contractor Address: PO Box 1636 Portland	Phone: 2077837720
Lessee/Buyer's Name: n/a	Phone: n/a	Permit Type: Alterations - Multi Family	Zone: R-6

Past Use: Multi / Housing for the elderly	Proposed Use: Multi / Housing for the elderly; The brick veneer in front of the building needs an additional support. Remove brick to install steel lintel. Cut new control joints	Permit Fee:	Cost of Work: \$0.00	CEO District: 2
Proposed Project Description: Install steel lintel and cut new control joints.		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: 3B 4/16/02 Signature: [Signature]	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: [Signature] Date:		

Permit Taken By: gg	Date Applied For: 03/27/2002	Zoning Approval	
-------------------------------	--	------------------------	--

<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: [Signature]	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 type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input checked="" type="checkbox"/> Requires Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: [Signature]
	Any exterior work requires a separate review TO D.A. 4/2/02 DA 4/9/02		

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

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>Cumberland Park Place 457 Cumberland St Portland Maine</u>		
Total Square Footage of Proposed Structure <u>39,862</u>	Square Footage of Lot <u>.349</u>	
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>036 F020001 36 F 20</u>	Owner: <u>Weston Associates</u>	Telephone:
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>DMT Construction Inc P.O. Box 1636 Lewiston Me 04241 207-783-7720</u>	Cost Of Work: \$ <u>52,630.00</u> Fee: \$ <u>394.00</u>
Current use: <u>Subs, Housing a Elderly</u>		
If the location is currently vacant, what was prior use: <u>No</u>		
Approximately how long has it been vacant: _____		
Proposed use: <u>Senior</u>		
Project description: <u>REMOVE BRICK TO INSTALL STEEL LINTEL. CUT NEW CONTROL JOINTS</u>		
Contractor's name, address & telephone: <u>DMT Construction, Inc 783-7720 P.O. Box 1636, Lewiston Me 04241</u>		
Who should we contact when the permit is ready: <u>David Michaud</u>		
Mailing address: <u>P.O. Box 1636, Lewiston, Me 04241</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. <div style="text-align: right;">PHONE: <u>Call David XX 783-7720</u></div>		

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>David Michaud</u>	Date: <u>3/26/02</u>
--	----------------------

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

26 2002

CRITERIUM[®] MOONEY ENGINEERS

January 18, 2002

22 MONUMENT SQ., SUITE 300
PORTLAND, ME 04101
TEL 207 775-1969
800 922-1969
FAX 207 775-4115

Mr. Dave Michaud
DMT, Inc.
P.O. Box 1636
Lewiston, ME 04241-1636

**Re: Request for Proposal - Repairs to Masonry Veneer
Cumberland Park Place, 457 Cumberland Street, Portland, Maine
CME Project No. 01-277**

Dear Mr. Michaud:

Cumberland Park Place, at 457 Cumberland Street in Portland, Maine, has experienced masonry cracking in the anchored brick veneer in the front of the building. The brick veneer is supported only at the base of the wall and needs an additional support midway up the wall. The façade has limited expansion joints and needs more expansion joints. This has caused some damage to the veneer.

Criterion - Mooney Engineers, on behalf of Weston Associates, hereby requests a proposal for providing repairs to the façade system. This project will be managed by Criterion - Mooney Engineers.

The project documents include the following specifications and drawings, which will be provided at the mandatory pre-proposal meeting.

SCOPE OF WORK

1. Install a steel angle support for an existing anchored brick veneer, including a soft joint below, with lateral veneer anchors and a weep hole detail on the front façade at the fourth floor level. This wall is backed with CMUs. The façade length is 64 feet out-to-out.
2. Two existing vertical expansion joints shall be caulked and sealed.
3. Five new vertical expansion joints shall be installed. Lateral veneer anchors will be added on either side of the new expansion joints and on one side of one of the existing expansion joints. These wall sections are backed with steel studs.

**LICENSED
PROFESSIONAL
ENGINEERS**

BUILDING DIAGNOSTICS
INSPECTIONS
ENVIRONMENTAL SERVICES
MAINTENANCE PLANNING
DESIGN



4. The left-front parapet cap shall be removed and reattached securely, then regouted. The right-front parapet cap shall be regouted.
5. The contractor shall tuck point the cracks in the masonry.
6. Any loose bricks shall be removed, cleaned of mortar, and replaced in the wall with a Type N mortar. Any areas of loose bricks that are greater than 2 square feet shall be removed and the bricks and veneer attachment shall be inspected by Criterium - Mooney Engineers for a determination of the required repairs.

PLANS

Drawing D1 shows the location and details of the control joint. Drawing D2 show the extent of the cracking viewed in May of 2001. There may be additional cracking not viewed. These will be handed out at the mandatory pre-proposal meeting.

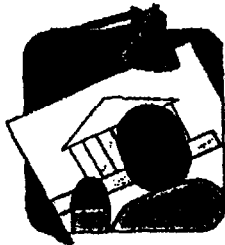
The other original building drawings are available through Weston Associates if needed. This building was built after December 20, 1982, which is the date of the revisions for Addendum #2 on the drawings. The drawings include A1 through A17, the architectural drawings, and S1 through S5, the structural drawings, all drawn and stamped by Winton Scott Architect, with structural engineering by Swift Engineering. No specifications are available from the original construction. Note that the vestibule outer door location has been relocated from the original drawings and construction.

MATERIALS

The materials to be used in this project will be new and in their original packaging. The owner shall approve all materials used.

The original drawings show CMU reinforcing at 24 inches vertical spacing. The brick veneer wall reinforcing is at 16 inches on center horizontal spacing and 24 inches on center vertical spacing, attached at the CMU reinforcing. Replacement reinforcing will be 3/16-inch diameter galvanized steel if needed.





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: Criterion - Mooney Engineers
22 Monument Square, Suite 300, Portland, ME 04101

DATE: March 25, 2002

Job Name: CME Project #01-277, Repairs to Masonry
Address of Construction: Cumberland Park Place, 457 Cumberland Avenue, Portland

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) R2

Type of Construction 1 or 2 Bldg. Height 4-story Bldg. Sq. Footage 39,862 SF

Seismic Zone Av = 0.10 Group Class I

Roof Snow Load Per Sq. Ft. 42 psf Dead Load Per Sq. Ft. 15 psf

Basic Wind Speed (mph) 85 mph Effective Velocity Pressure Per Sq. Ft. _____

Floor Live Load Per Sq. Ft. 40 psf

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.

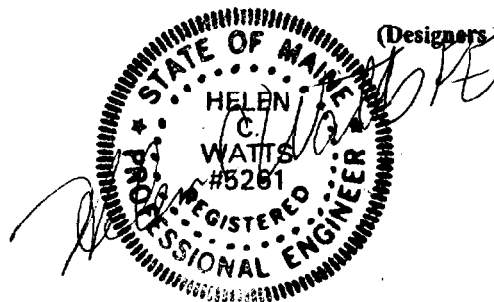
Is structure being considered unlimited area building: Yes ___ No _____

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

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

PSH 6/97/2K

(Designers Stamp & Signature)





City of Portland, Maine

389 Congress St., Rm 315
Portland, ME 04101

ACCESSIBILITY CERTIFICATE

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

FROM: Criterium - Mooney Engineers

RE: Certificate of Design, HANDICAP ACCESSIBILITY

DATE: March 25, 2002

These plans and/or specifications covering construction work on:

 CME Project #01-277, Repairs to Masonry

 Cumberland Park Place, 457 Cumberland Avenue

Have been designed and drawn up by the undersigned, a Maine registered engineer/architect according to State Regulations as adopted by the State of Maine on Handicapped Accessibility.

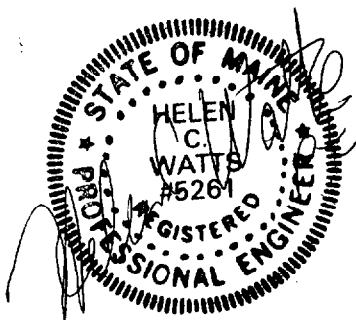
Signature Helen C. Watts P.E.

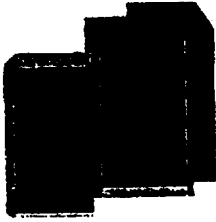
Title Project Engineer

Firm Criterium - Mooney Engineers

Address 22 Monument Sq., Ste. 300
 Portland, ME 04101

(SEAL)





**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: Criterium - Mooney Engineers

RE: Certificate of Design

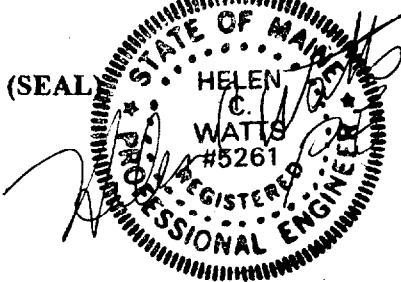
DATE: March 25, 2002

These plans and/or specifications covering construction work on:

 CME Project #01-277, Repairs to Masonry

 Cumberland Park Place, 457 Cumberland 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 Helen C. Watts P.E.

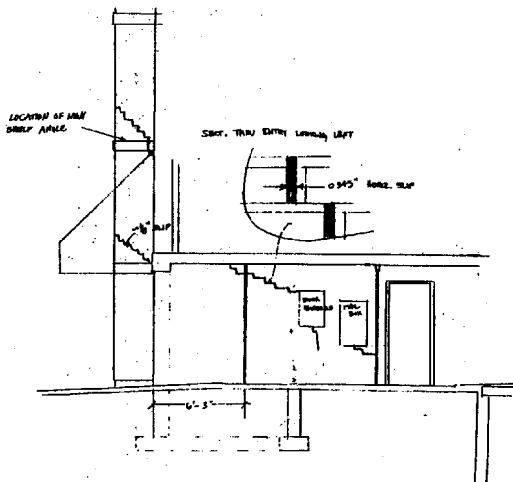
Title Project Engineer

Firm Criterium - Mooney Engineers

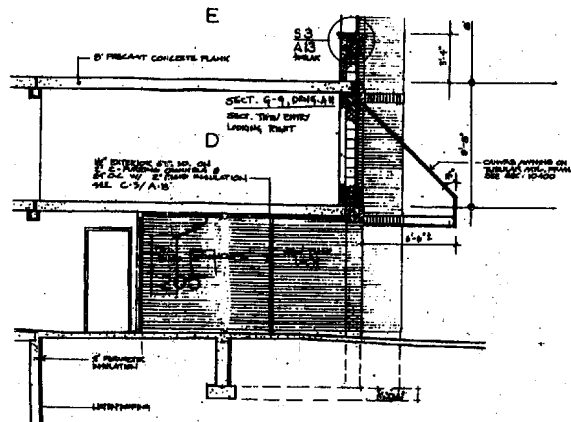
Address 22 Monument Sq., Ste. 300, Portland, ME 04101

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.



1 Section Through Entry Looking Left



2 Section Through Entry Looking Right (from Drwg. A-11)

ORIGINAL DRAWINGS:
 CUMBERLAND PARK PLACE
 WINTON SCOTT ARCHITECT
 FINAL REVISION DATE:
 ADDENDUM #2, 20 DEC '82
 SCALE: 1/8" = 1'

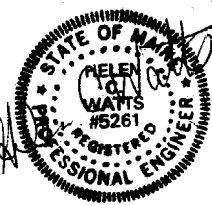
CRITERIUM
 MOONEY ENGINEERS
 22 FARMHOUSE SQUARE, PORTLAND, MAINE 04106
 TEL: 857-7611, 857-7612, 857-7613

WESTON ASSOCIATES
 457 CUMBERLAND AVENUE
 PORTLAND, MAINE

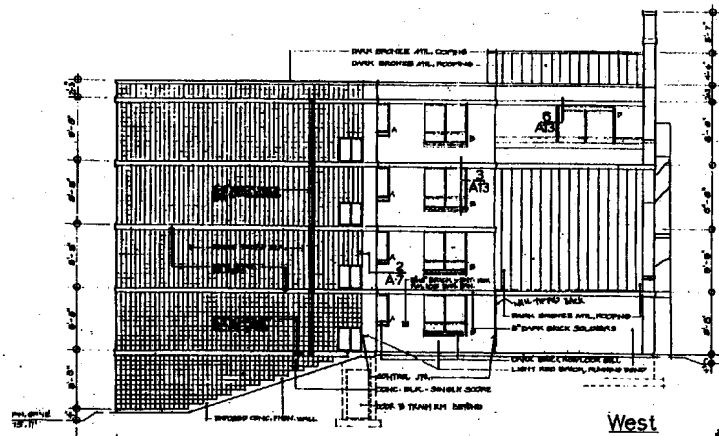
Date: 9/5/01 Scale: 1/8"=1'
 Drawn by: HCW
 Checked by: [signature]

CRACK Project # 01-107
 MASONRY CRACKING

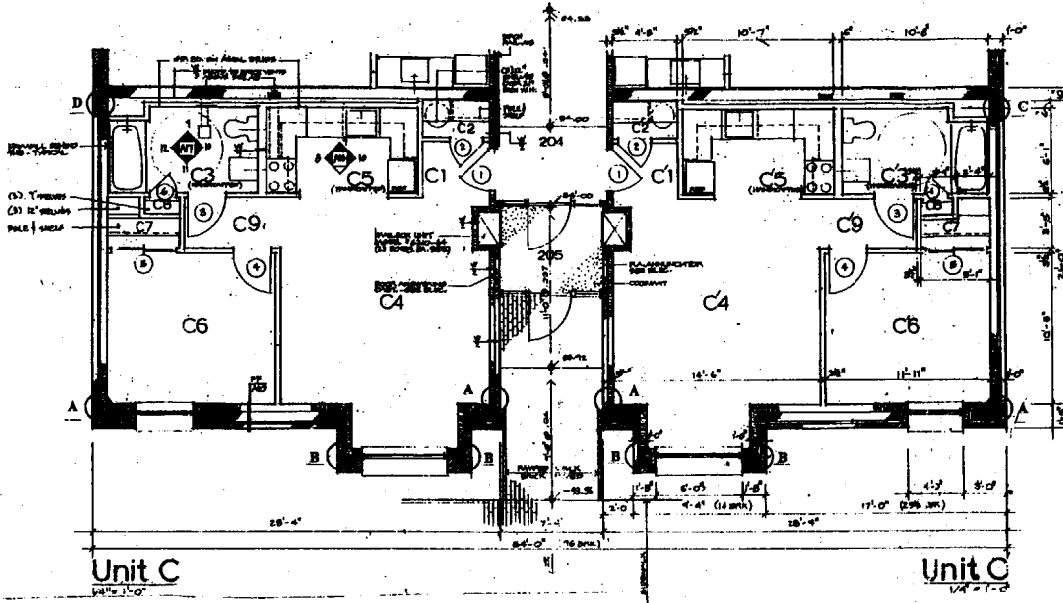
D2



3 South Elevation (from Drwg. A-7)

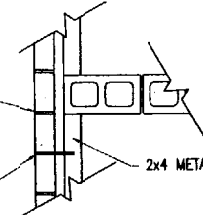


4 West Elevation (from Drwg. A-7)



EXPANSION JOINT 3/8" WIDE,
SOFSEAL BACKER ROD,
SIKAFLEX-2C NS SEALANT (TYP)

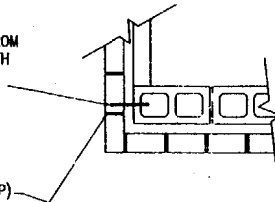
DUR-O-WAL SERIES 5300
ANCHOR @ 12" O.C. MIN. 6", MAX.
12" FROM JOINT, INSTALL
ANCHORS BOTH SIDES OF JOINT



1 Expansion Joint @ C & D (TYP)

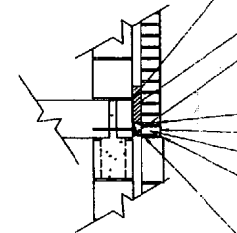
DUR-O-WAL FRICTION PINS @
12" O.C., MIN. 6", MAX. 12" FROM
JOINT, INSTALL ANCHORS BOTH
SIDES OF JOINT AS NEEDED

EXPANSION JOINT 3/8" WIDE,
SOFSEAL BACKER ROD,
SIKAFLEX-2C NS SEALANT (TYP)



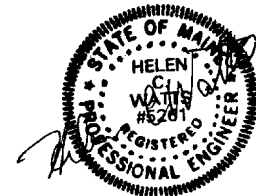
2 Expansion Joint @ A & B (TYP)

- 3 - SUPPORT BRICK VENEER AND REMOVE BRICKS AS REQ'D TO INSTALL SHELF ANGLE
- 4 - CLEAN AND REUSE BRICKS, IF POSSIBLE, ELSE, MATCH EXISTING BRICK APPEARANCE
- 5 - INSTALL ANCHORS AND LATERAL TIES, PER MFRS. RECOMMENDATIONS
- 6 - INSTALL LATERAL TIES 8" MAX. ABOVE AND BELOW SHELF JOINT @ 16" O.C.



- FLASHING-GROUT INTO JOINT, OR EXTEND 2" MIN. UNDER EXISTING FLASHING
- 2" RIGID INSULATION
- ANGLE 3"x5"x5/16", BEND OVER 4 WINDOWS, SHOP PRIME, ANCHOR 3/8" dia x 8" @ 12" O.C.
- WEEPHOLE @ 24" O.C.
- FLASHING
- UP BRICK
- 3/8" JOINT, SOFSEAL BACKER ROD, SIKAFLEX-2C NS SEALANT
- COMPRESSIBLE MATERIAL BELOW SHELF ANGLE

3 Anchored Veneer - Support, 4th Floor Level



Scale	As Noted
Date	1-8-01
Drawn By	SPB
Checked By	BCV
Revisions	

01-107
Masonry Details

D1



CITY OF PORTLAND, MAINE

Department of Building Inspections

20

Received from _____

Location of Work _____

Cost of Construction \$ _____

Permit Fee \$ 1,400.00

Building (IL) Plumbing (IS) _____ Electrical (I2) _____ Site Plan (U2) _____

Other _____

CBL: _____

Check #: _____

Total Collected \$ 1,400.00

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

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

1400