

**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: 01-0503 AV	Issue Date: 7 2001	CBL: 298 A039001
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Location of Construction: 31 W Commonwealth Dr	Owner Name: Paige Christopher F &	Owner Address: 31 W Commonwealth Dr, Portland, ME	Phone: 207-797-9896
Business Name: n/a	Contractor Name: no contractor/self	Contractor Address: n/a n/a	Phone: 2077979896
Lessee/Buyer's Name n/a	Phone: n/a	Permit Type: Additions - Dwellings	Zone: R-3

Past Use: Single Family	Proposed Use: Same: Build Attached 8' X 10' Mudroom. Call Christopher Paige at 207-797-9896 when ready.	Permit Fee: \$42.00	Cost of Work: \$3,000.00	CEO District: 1
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FIRE DEPT:  Approved  Denied

INSPECTION:  
Use Group: A-3 Type: 513  
 PERMIT ISSUED WITH REQUIREMENTS  
 10/25/01/1999  
 Signature: *[Signature]*

Proposed Project Description:  
Build 8' X 10' Addition for Mudroom

Signature: \_\_\_\_\_  
 PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)  
 Action:  Approved  Approved w/Conditions  Denied  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Permit Taken By: jodinea	Date Applied For: 05/09/2001	<b>Zoning Approval</b>	
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- 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	Zoning Appeal	Historic Preservation
<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"/>	<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	<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>OK [Signature]</i> 5/16/01	Date: _____	Date: <i>[Signature]</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

LOADING PERMIT REPORT

DATE: 11 May 2001 ADDRESS: 31 W Commonwealth Dr CBL: 298-A-039

REASON FOR PERMIT: To Construct a 8' x 10' addition

BUILDING OWNER: C.F. Paige

PERMIT APPLICANT: CONTRACTOR SAO

USE GROUP: B-3 CONSTRUCTION TYPE: 5-B CONSTRUCTION COST: \$3000.00 PERMIT FEES: \$4200

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: \*22, \*30, \*33, \*35, \*36, 37, \*1, \*2, \*4, \*13

- 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)
- 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 (508)mm, 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)

All fire 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) *shall be 25 feet from the front property line*
32. Please read and implement the attached Land Use Zoning report requirements. *line*
- \* 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).

  
P. Santos-Rioses, Building Inspector

cc: Lt. 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**

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

## 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:  31 West Commonwealth Drive

Total Square Footage of Proposed Structure	Square Footage of Lot 7129
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Tax Assessor's Chart, Block & Lot Number Chart# 298 Block# A Lot# 39	Owner: <input checked="" type="checkbox"/> Christopher F. Paige Ann N. Paige	Telephone#: <input checked="" type="checkbox"/> 797-9896
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Lessee/Buyer's Name (If Applicable) N/A	Owner's/Purchaser/Lessee Address: N/A	Cost Of Work: \$ 3,000 Fee: \$ 42.00
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Current use:  Single family residence

If the location is currently vacant, what was prior use:  
Approximately how long has it been vacant:

Proposed use:  ENTRY WAY, MUD ROOM

Project description:  Build Attached Mud Room

Contractor's Name, Address & Telephone: No contractor / self

Applicants Name, Address & Telephone: Christopher Paige  
31 West Commonwealth Dr.  
Portland, ME 04103

Who should we contact when the permit is ready: Christopher Paige  
Telephone: 797-9896

If you would like the permit mailed, what mailing address should we use:

CH  
Rec'd By: 5/9

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

**PLOT PLAN INCLUDES THE FOLLOWING:**

- The shape and dimension of the lot, all existing buildings (if any), the proposed structure and the distance from the actual property lines. Structures include decks porches; a bow windows cantilever sections and roof overhangs, as well as, sheds, pools, garages and any other accessory structures.
- Scale and North arrow; Zoning District & Setbacks
- First Floor sill elevation ( based on mean sea level datum);
- Location and dimensions of parking areas and driveways;
- Location and size of both existing utilities in the street and the proposed utilities serving the building;
- Location of areas on the site that will be used to dispose of surface water.
- Existing and proposed grade contours

**A COMPLETE SET OF CONSTRUCTION DRAWINGS INCLUDES THE FOLLOWING:**

- 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 damp proofing
- 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.

**SEPARATE PERMITS ARE REQUIRED FOR INTERNAL & EXTERNAL PLUMBING, HVAC AND ELECTRICAL INSTALLATIONS**

- All construction must be conducted in compliance with the 1999 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 1999 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.

Minor/Minor Site Review Fee for New Single Family homes: \$300.00/Building Permit Fee: \$30.00 for the 1st \$1000.cost plus \$6.00 per \$1,000.00 construction cost thereafter.

**ONE SET OF SUBMISSIONS INCLUDING CONSTRUCTION AND SITE PLAN DRAWINGS MUST BE SUBMITTED ON PAPER NO LARGER THAN 11" x 17" BEFORE ANY BUILDING PERMIT WILL BE ISSUED**

**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:

*Christopher F. [Signature]*

Date:

*5/9/01*

2-3 Zone  
 Front: 25' req - 26' shown  
 Rear: 25' req - 63' shown  
 side: 8' req - 15' deduced

LEVEL

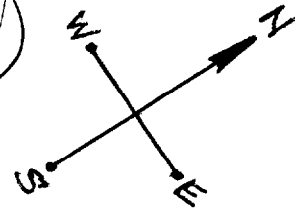
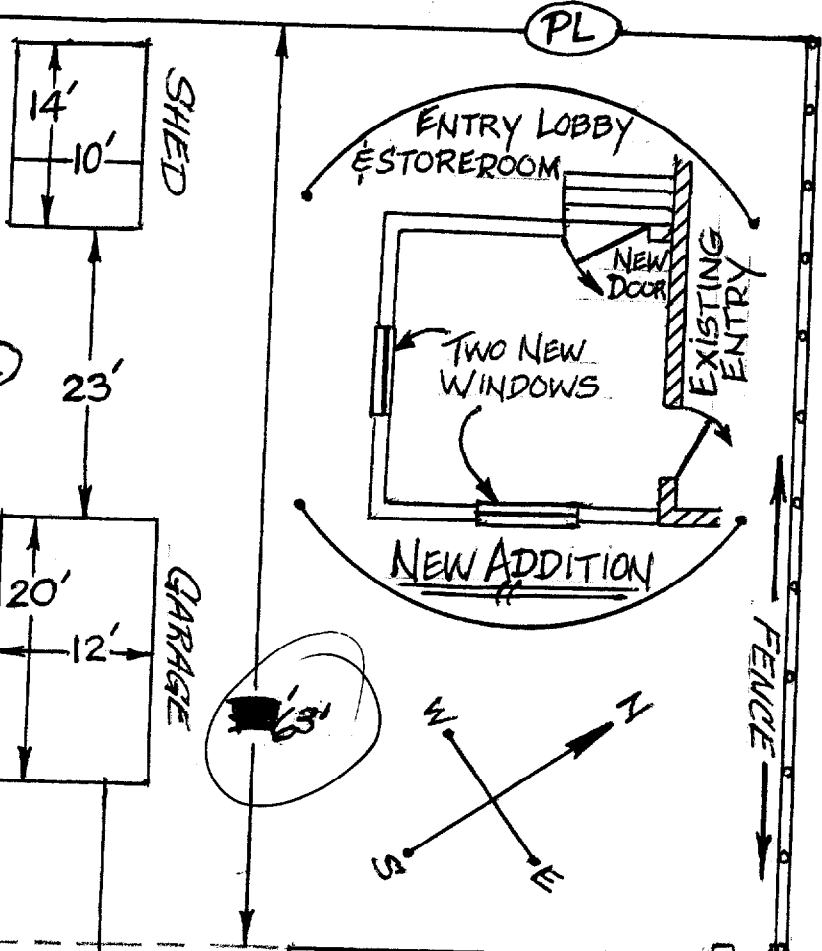
~5' REAR

RUNOFF GRADE  
 SIDE ELEVATION  
 PROJECTION

23  
 - 8  
 15'

~3' FRONT

DRIVE WAY



NEW PROPOSAL

FRONT

PUBLIC SIDEWALK

GRASS

CURB

STREET

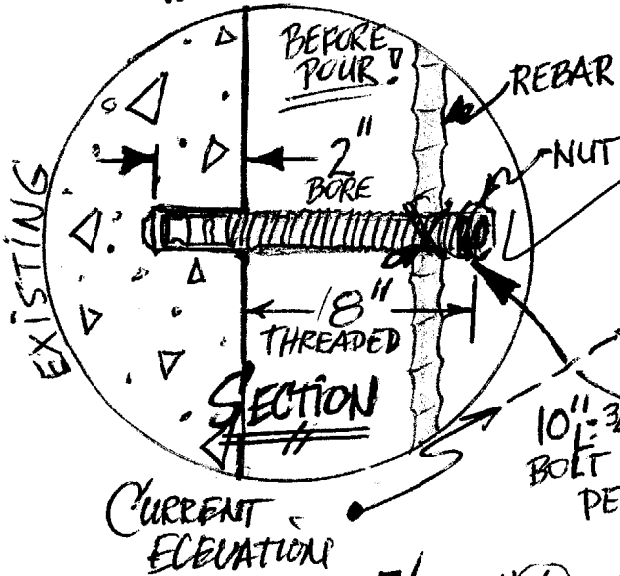
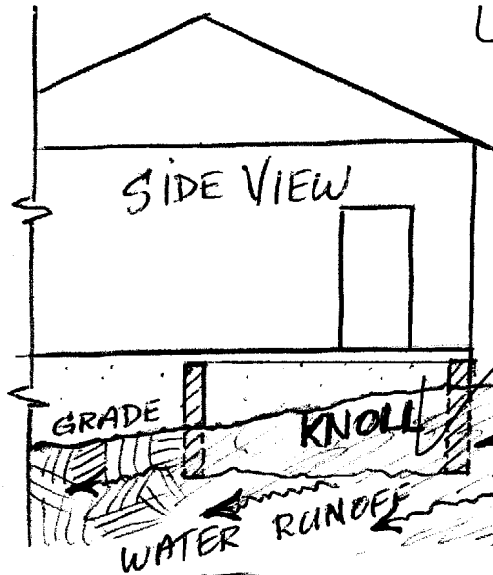
26' required from the property line not sidewalk unless the side wall is the property line

PAIGE RESIDENCE  
 PLOT PLAN  
 SCALE: 1" = 13'

PL = PROPERTY LINE

C.O. PAIGE "from CHIP"

• How many YARDS CEMENT NEEDED for POUR (TOTAL?)



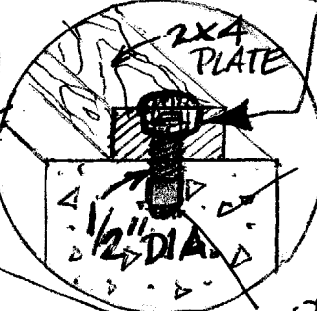
4" 3/4" DIA. EXPANSION BOLT W/ NUT TYP. 4 (EQUALLY SPACED)

8 1/2" 1" FINISHED LEDGER FOR 2x8 LEDGER

EXISTING ENTRY

(FINISHED FLOOR LEVEL)

3" EXPANSION BOLTS FOR PLATE TYP. 9 SET 1 1/2" DEEP

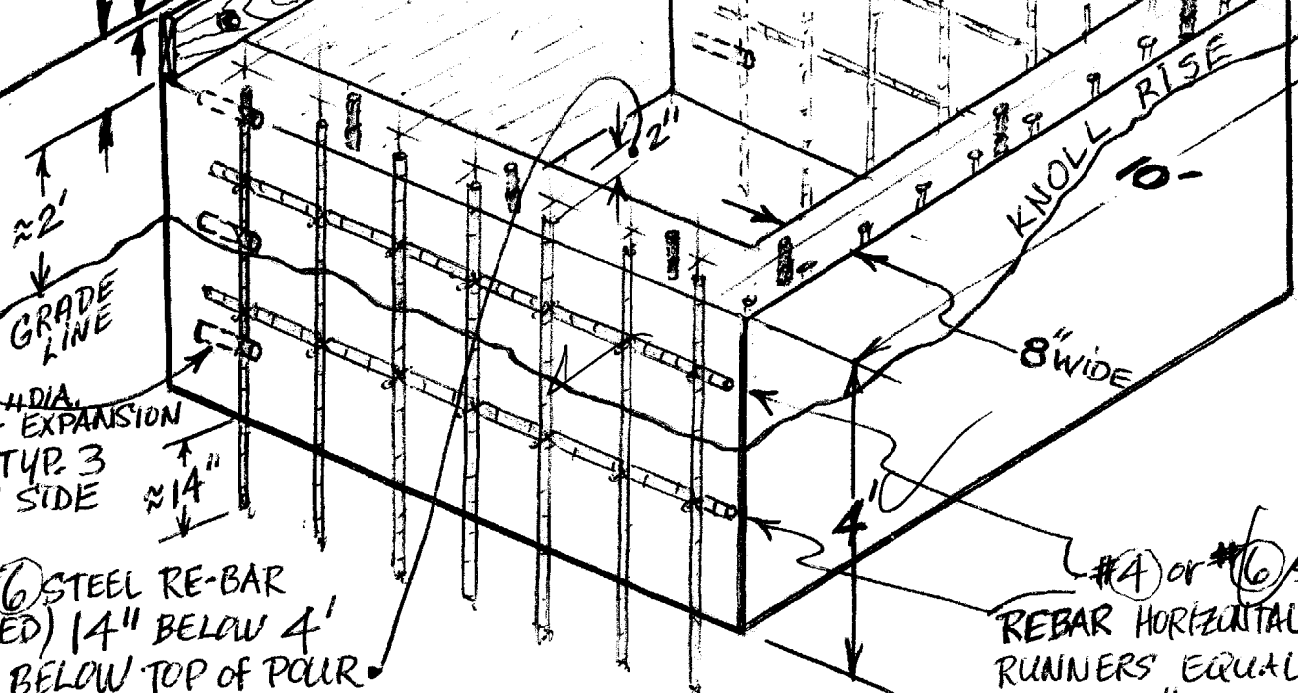


NUT COUNTERSUNK

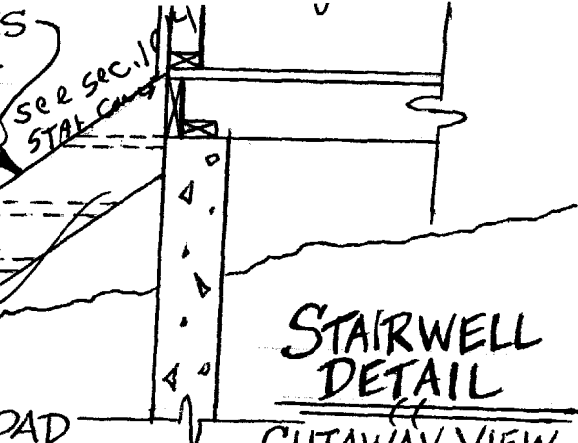
10" 3/4" DIA. EXPANSION BOLT TYP. 3 PER SIDE

5' LONG #4 or #6 STEEL RE-BAR SLEDGED (HAMMERED) 1/4" BELOW 4' FORM and SET 2" BELOW TOP OF POUR. SPACED APPROX. EVERY 1 1/2" EQUALLY THROUGHOUT!

#4 or #6 STEEL REBAR HORIZONTAL (2) RUNNERS EQUALLY SPACED 16" THROUGHOUT!



2x2x12 RISERS  
W/3 TREAD -  
8" RISE  
x 11 1/2" RUN  
34" MIN. @

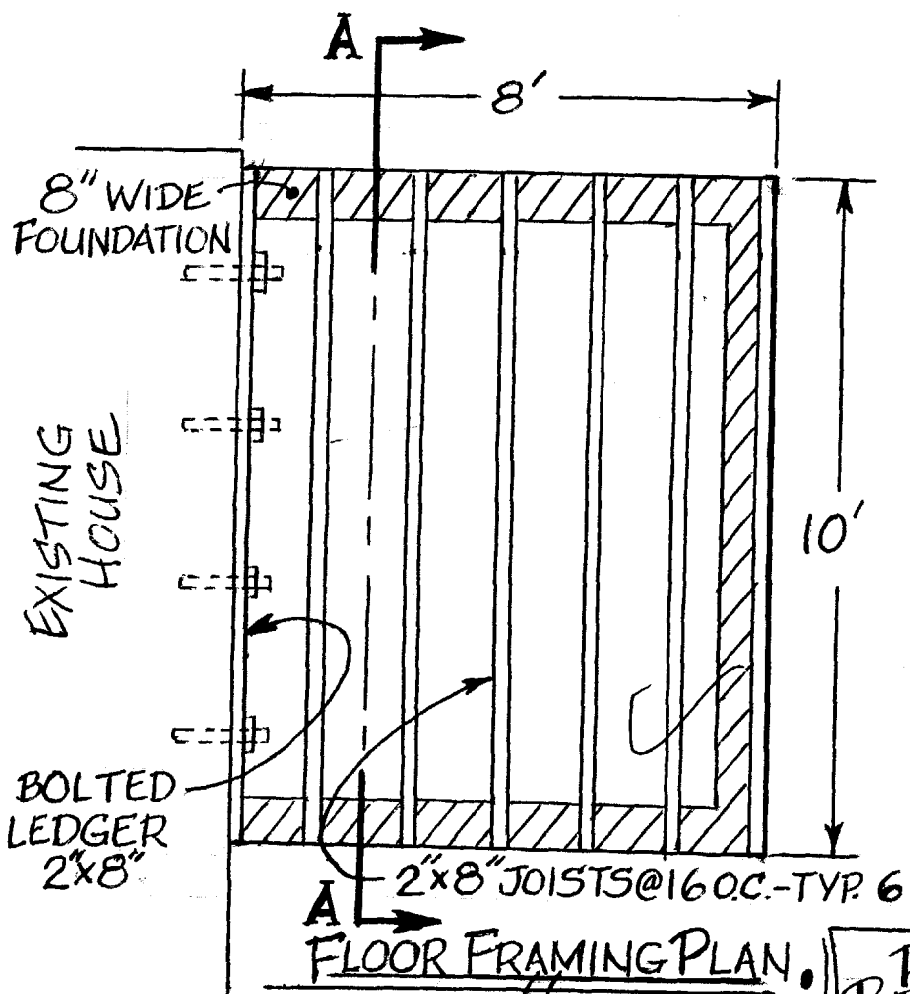
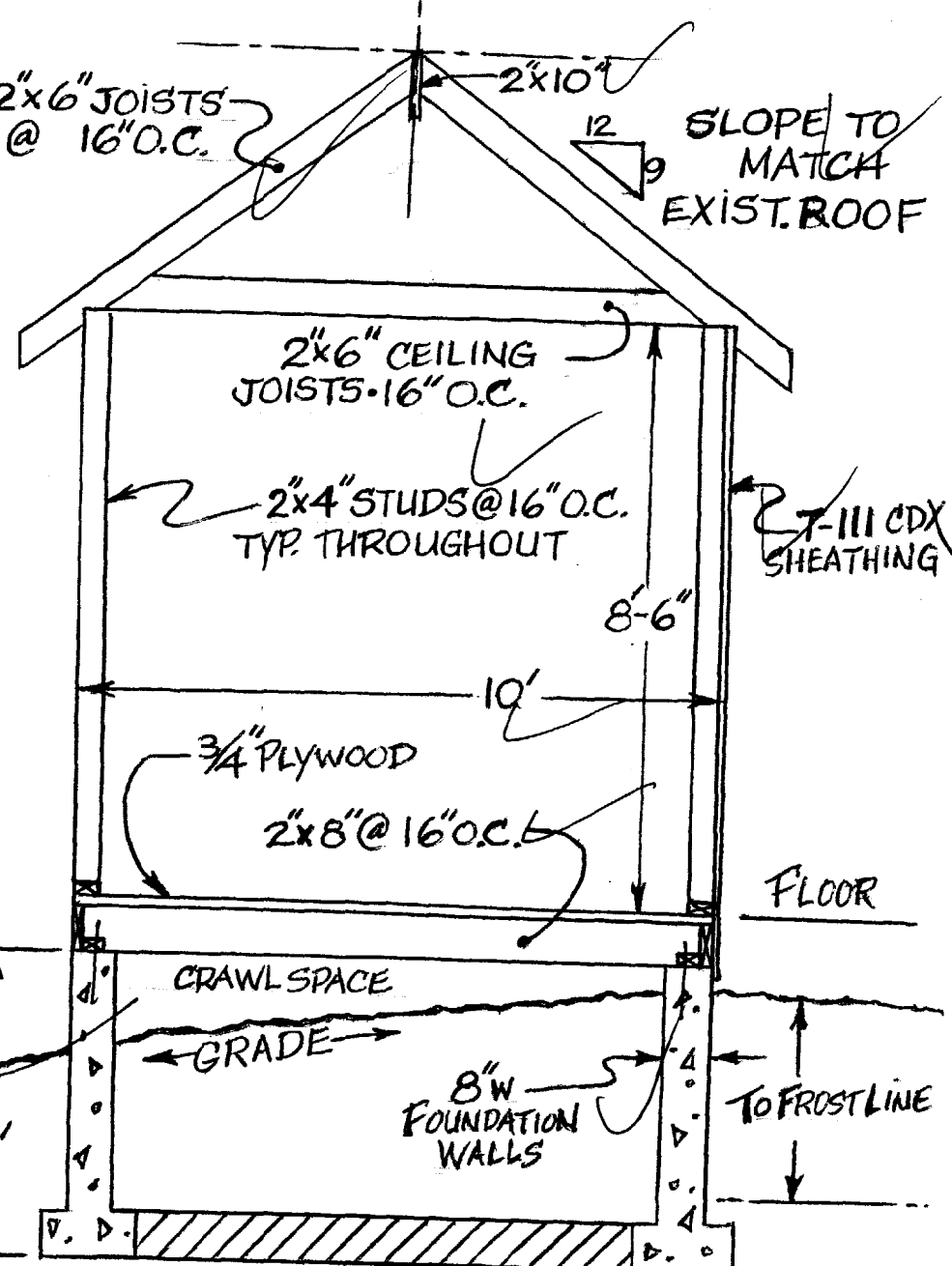


22 L x 40 W PAD  
W/CLIP & BOLT

2x6" JOISTS  
@ 16" O.C.

2x10"

12  
9  
SLOPE TO  
MATCH  
EXIST. ROOF



PAIGE  
RESIDENCE

CROSS SECTION  
A-A



PAIGE RESIDENCE

MATERIALS LIST.

8'x10' ADDITION

- 1-8'-2"x10" (ROOF RIDGE CROWN)
- 10-8'-2"x4" (SILL PLATES/WINDOW FRAME/DOUBLE TOP PLATES)
- 10-10'-2"x4" (SILL PLATES, TOP PLATES & RESIDUAL FRAMING EX RAFTER TRUSSES)
- 35-10'-2"x4" (WALL FRAMING, FIRESTOPS & CEMENT FORM WALERS)
- 14-8'-2"x6" (RAFTERS)
- 8-10'-2"x6" (CELLING JOISTS)
- 10-10'-2"x8" (FLOOR FRAMING & BLOCKING/DOOR & WINDOW HEADERS)
- 7 SHEETS 4'x8'x3/4" (PLYWOOD SHEATHING/FOUNDATIONS & CEMENT FORMS)
- 7 SHEETS 4'x8'x3/4" (PLYWOOD SHEATHING/FLOOR & ROOF)
- 7 SHEETS 4'x8'x3/4" (T-111 CDX EXTERIOR SHEATHING)
- 100 SQ. FT. (ASPHALT ROOFING MATERIAL)
- 100 SQ. FT. (15 LB. FELT ROOFING PAPER)
- 4-8" L x 3/4" DIA. (LAG BOLTS W/ NUTS-WASHERS FOR 2"x8" LEDGER)
- 9-3" L x 3/4" DIA. (LAG BOLTS W/ NUTS-WASHERS FOR PERIMETER FOUN. SILL PLATE)
- ONE 50 LB. BOX (TOP GALVANIZED FRAMING NAILS)
- ONE 50 LB. BOX (ROOFING NAILS)
- 5 LBS (16p FORM NAILS)
- 6 SQ. YDS. (CEMENT FOR FOUNDATION POUR)
- 130 LINEAR FEET (L.F.) #4 (1/2" DIA.) STEEL RE-BAR (FOR FOUNDATION SET-UP)
- TWO 50' ROLLS (STEEL-TYE WIRE FOR RE-BAR TYE)
- TWO 50"H x 34"W VINYL WINDOWS CASED (ANDERSON V-SUPREME SERIES)
- TWO 82"H x 34"W SOLID WOOD ENTRY DOOR
- 8 TUBES LIQUID NAILS ARCHITECTURAL CALK (FOR SEALING/JOINTING)

6/1/01 - PRE-con with owner. Went over all Plan Requirements  
T+R, Lot Lines, Anchor bolts, Required inspections. I will  
visit the site on 6/4/01 JK

10/01 Checked framing rough in OK to  
close in walls now

6/1/01  
6/1/01

6/1/01  
6/1/01



**CITY OF PORTLAND, MAINE**  
Department of Building Inspection

5/9 20 01

Received from Chris Paige a fee

of 42 <sup>XV</sup> /100 Dollars \$ 42.00

for permit to Build Mudroom

at 31 W. Commercial Dr Est. Cost \$ 3,000.00

CBLE 298-A-039  
CK # 1818

Inspector of buildings  
Per CHH

**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 \$5.00 or 10% whichever is greater.

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