

FLOOD HAZARD DEVELOPMENT APPLICATION

PORTLAND, Maine
(All applicants must complete entire application)
[60.3(e)]

Application is hereby made for a Flood Hazard Development Permit as required under Article II of the Floodplain Management Ordinance of PORTLAND Maine, for development as defined in said ordinance. This permit application does not preclude the need for other municipal permit applications.

Owner: CITY OF PORTLAND Address: 389 CONGRESS STREET
Phone No.: 207-874-8828
Applicant: JUSTIN PELLERIN - PUBLIC WORKS Address: 55 PORTLAND ST, PORTLAND, ME 04101
Phone No.: _____
Contractor: _____ Address: _____
Phone No.: _____

LEGAL DESCRIPTION

Is this part of a subdivision? Yes No If yes, give the name of the subdivision and lot number:

Subdivision: _____ Lot #: _____
Tax Map: 260 F002 Lot #: _____
Address: 500' EAST OF LAWE AVENUE, NEAR HILLCREST AVENUE
Street/Road Name
Zip Code: 04103
Town/Zip Code

General explanation of proposed development: THE INSTALLATION OF 24" STORM DRAIN OUTFALL FOR DISCHARGE INTO FORE RIVER ESTUARY NEAR CASE # 31
Estimated Value of Proposed Development: \$ 330,000 (FOR ENTIRE SEP. PROJECT.)
Proposed Lowest Floor elevation [for new or substantially improved structure]: _____

OTHER PERMITS

Are other permits required from State or Federal jurisdictions? Yes No
If yes, are these other permits attached? Yes No Not Applicable

Federal and State Permits may include but are not limited to: ME/DEP/Natural Resource Protection Act, Site Location of Development Act, Metallic Mineral Exploration, Advanced Exploration and Mining; USACE/Section 9 &10 of the Rivers and Harbors Act/ Section 404 of the Clean Water Act; Federal Energy Regulation Commission.

SEWER AND WATER

Sewage Disposal: Public Private
 Existing Proposed Not Applicable Type STORM DRAIN ONLY
Water Supply: Public Private B-9

(This section to be completed by Municipal Official)

LOCATION

Flooding Source (name of river, pond, ocean, etc.): FORE RIVER ESTUARY

- V1-30 Zone
- VE Zone
- AE Zone
- A1-30 Zone
- A Zone
- AO Zone
- AH Zone
- FRINGE
- FLOODWAY (1/2 width of floodplain in A Zone)

Base Flood Elevation (bfe) at the site: 10 NGVD [Required for New Construction or Substantial Improvement]

Lowest floor elevation of proposed or existing structure: _____ NGVD [Required for New Construction or Substantial Improvement]

If proposed development is in an AE or A1-30 Zone and cross section data is available in the Flood Insurance Study, please note the nearest cross section reference letter and elevation of base flood at nearest cross section above and below the site.

Cross Section Letter	Base Flood Elevation
Above Site: <u>D</u>	Above Site: <u>UNKNOWN</u>
Below Site: <u>D</u>	Below Site: <u>10.00</u>

Basis of unnumbered A Zone bfe determination:

- From a Federal Agency:
 - USGS
 - USDA/NRCS
 - USACE
 - Other _____
- From a State Agency:
 - MDOT
 - Other _____
- Established by Professional Land Surveyor
- Established by Professional Engineer:
 - HEC/RAS
 - HEC II
 - HY 7
 - TR20
 - TR55
 - Quick-2
 - Other _____
- Highest Known Water Level
- Other (Explain) _____

VALUE

If the development involves work on an existing structure, enter the Market Value of existing structure before improvements: \$ _____

- New Construction or Substantial Improvement
- Minor improvement or minor addition to existing development

TYPE OF DEVELOPMENT

Check the appropriate box to the left of the type(s) of development requested and complete information for each applicable line:

- | | | | |
|---|--------------------------------|--|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> 1. Residential Structure <ul style="list-style-type: none"> <input type="checkbox"/> 1a. New Structure _____ <input type="checkbox"/> 1b. Add to Structure _____ <input type="checkbox"/> 1c. Renovations/repairs/maintenance _____ <input type="checkbox"/> 2. Non-Residential Structure <ul style="list-style-type: none"> <input type="checkbox"/> 2a. New Structure _____ <input type="checkbox"/> 2b. Add to Structure _____ <input type="checkbox"/> 2c. Renovations/repairs/maintenance _____ <input type="checkbox"/> 2d. Floodproofing _____ <input type="checkbox"/> 3. Accessory Structure _____ <input type="checkbox"/> 4. Functionally Dependent Use: <ul style="list-style-type: none"> <input type="checkbox"/> 4a. Dock _____ <input type="checkbox"/> 4b. Pier _____ <input type="checkbox"/> 4c. Boat Ramp _____ <input type="checkbox"/> 4d. Other _____ <input type="checkbox"/> 5. Paving _____ <input type="checkbox"/> 6. Conditional Use (Lobster/Fish Shed seaward of mean high tide) | <p>Dimensions</p> <p>_____</p> | <ul style="list-style-type: none"> <input type="checkbox"/> 7. Filling³ _____ <input type="checkbox"/> 8. Dredging _____ <input type="checkbox"/> 9. Excavation _____ <input type="checkbox"/> 10. Levee _____ <input type="checkbox"/> 11. Drilling _____ <input type="checkbox"/> 12. Mining _____ <input type="checkbox"/> 13. Dam: Water surface to be created _____ <input type="checkbox"/> 14. Water Course Alteration _____ <input type="checkbox"/> 15. Storage of equipment or materials _____ <input type="checkbox"/> 16. Sewage Disposal System _____ <input type="checkbox"/> 17. Water Supply System _____ <input checked="" type="checkbox"/> 18. Other: Explain <u>NEW STERN DRAIN INTO FORE RIVER ESTUARY</u> | <p>Cubic Yards</p> <p>_____</p> <p>Number of Acres</p> <p>_____</p> |
|---|--------------------------------|--|---|

Note: Conditional Use requires add'l. information due to specific standards, public hearing, and Planning Board review.

¹ Certain prohibitions apply in Velocity Zone

Attach a Site Plan – Drawn to scale with north arrow.

- Show property boundaries, floodway, and floodplain lines.
- Show dimensions of the lot.
- Show dimensions and location of existing and/or proposed development on the site.
- Show areas to be cut and filled.

Attach Statement – describing in detail how each applicable development standard in Article VI will be met.

For New Construction or Substantial Improvement also show:

- Existing and proposed grade elevations adjacent to the walls of the structure done by a Professional land Surveyor, Architect, or Engineer.
- Location and elevation of temporary elevation reference marks on the site.

Special Note:

Substantial Improvement is defined as any reconstruction, rehabilitation, addition or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the start of construction of the improvement. Please refer to the floodplain management ordinance, Article XIV, for more complete definitions of New Construction and Substantial Improvement.

Structures in Velocity Zones are not permitted on fill or excavations. Structures must be built on open foundation systems, i.e., columns, piles, posts. Certification of structural design, specifications, plans and construction methods completed by a Professional Engineer or Architect shall accompany the application as required in Article VII.3. of the floodplain management ordinance.

The applicant understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or sue any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view; and,
- If issued, the permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this application are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____

Signature

or

Authorized Agent: _____ Date: January 20, 2017

Signature

(This section to be completed by Municipal Official)

Date Submitted 1/20/17 Fee Paid \$150 Reviewed by CEO 2/10/17 Reviewed by Planning Board _____

Permit # 2017-0-0029 Issued by Ann Machado Date 2/10/17

FLOOD HAZARD DEVELOPMENT PERMIT
For Minor Development
PORTLAND, Maine
(For Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. of the Floodplain Management Ordinance of PORTLAND, Maine, for development in a Special Flood Hazard Area as defined in said ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: 260 F002 Lot #: _____

Project Description: installation of 24" storm DRAIN outfall ~~slab~~
access road along sewer R.O.W. with

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- The permit will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
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I hereby certify that all the statements in, and in the attachments to this permit are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____
Signature

or
Authorized Agent: [Signature] Date: January 20, 2017
Signature

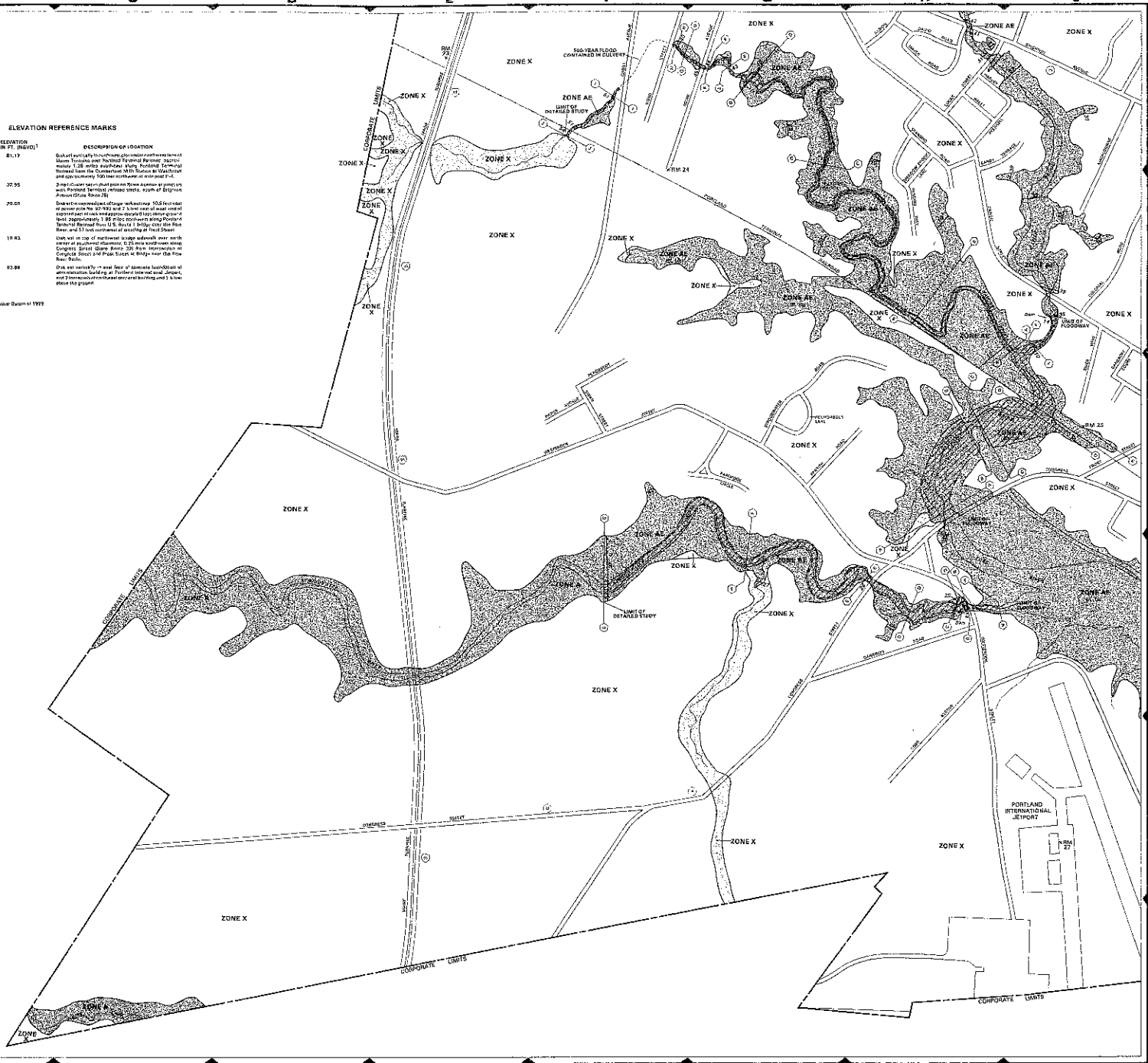
Issued by: [Signature] Date: 2/10/17

Permit #: 2017-00029

ELEVATION REFERENCE MARKS

REFERENCE MARK	ELEVATION IN FT. (NGVD)	DESCRIPTION OF LOCATION
RM 23	81.17	Substation for water supply main on corner of Main Street and Federal Street, Portland, Maine. 1.28 meters above datum.
RM 24	72.55	3rd Class section of main on New Avenue at junction with Federal Street, Portland, Maine. 1.28 meters above datum.
RM 25	70.01	Section of main on Federal Street, 100 feet east of junction with New Avenue, Portland, Maine. 1.28 meters above datum.
RM 26	19.82	Center of main on Federal Street, 200 feet east of junction with New Avenue, Portland, Maine. 1.28 meters above datum.
RM 27	83.88	On a vertical curve on Federal Street, 1.28 meters above datum.

Theodolite Vertical Datum of 1929



LEGEND

SPECIAL FLOOD HAZARD AREAS INDICATED BY THIS SYMBOL

- ZONE X** - Special Flood Hazard Area
- ZONE AR** - Floodway Area
- ZONE AE** - Floodway Area
- ZONE AV** - Floodway Area
- ZONE VE** - Floodway Area

FLOODWAY AREAS IN ZONE AR

- ZONE AR** - Floodway Area
- ZONE AE** - Floodway Area
- ZONE AV** - Floodway Area
- ZONE VE** - Floodway Area

POWER LINES

- ZONE X** - Power Line
- ZONE AR** - Power Line
- ZONE AE** - Power Line
- ZONE AV** - Power Line
- ZONE VE** - Power Line

UNDEVELOPED LOT SUBDIVISION

- ZONE X** - Undeveloped Lot Subdivision
- ZONE AR** - Undeveloped Lot Subdivision
- ZONE AE** - Undeveloped Lot Subdivision
- ZONE AV** - Undeveloped Lot Subdivision
- ZONE VE** - Undeveloped Lot Subdivision

Other symbols include: Elevation (e.g., 81.17), Elevation (e.g., 72.55), Elevation (e.g., 70.01), Elevation (e.g., 19.82), Elevation (e.g., 83.88), and various street names.

NOTES

This map is for use in applying the National Flood Insurance Program... It is not an official map of the Federal Government... It is not a warranty, representation, or endorsement of any insurance policy... It is not a guarantee of the accuracy of the data shown on this map... It is not a guarantee of the accuracy of the data shown on this map... It is not a guarantee of the accuracy of the data shown on this map...

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

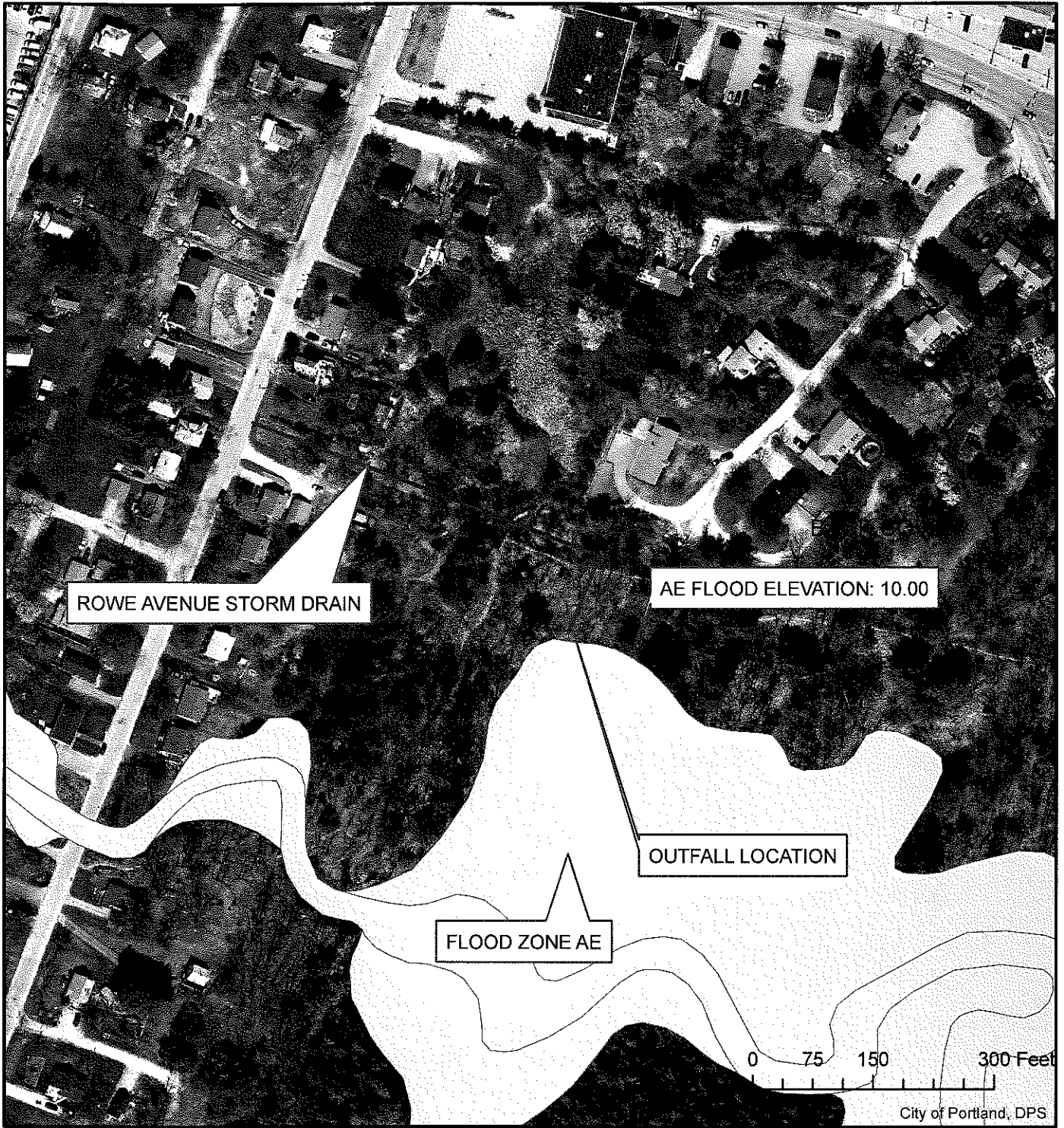
CITY OF PORTLAND, MAINE, CUMBERLAND COUNTY

PANEL 12 OF 12 (SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER 230061 0072 C

MAP REVISED: 16 DECEMBER, 1990

Federal Emergency Management Agency



FEMA FLOOD MAP

**ROWE AVENUE
SEPARATION
PROJECT
PORTLAND, MAINE**

N



FIGURE 1