

**AGENDA SEASIDE CITY COUNCIL MEETING  
MARCH 11, 2019 7:00 PM**

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. APPROVAL OF AGENDA
5. COMMENTS FROM STUDENT REPRESENTATIVE, Briana Boyd
6. COMMENTS – PUBLIC – (please keep speaking time to four minutes)
7. DECLARATION OF POTENTIAL CONFLICT OF INTEREST
8. CONSENT AGENDA
  - a) PAYMENT OF THE BILLS - \$745,897.97
  - b) APPROVAL OF MINUTES - February 25, 2019
9. UNFINISHED BUSINESS:
  - a) VACANCY - CITY TREE BOARD  
AIRPORT COMMITTEE  
COMMUNITY CENTER COMMISSION
10. NEW BUSINESS
  - a) PROPOSAL - CITY BAN ON SINGLE USE PLASTIC BAGS
  - b) APPROVAL - HOOD VENT SYSTEM FOR MO'S RESTAURANT, 30 N. PROM, Mark Mead
  - c) ANNUAL REPORT - SEASIDE FIRE DEPARTMENT, Joey Daniels
11. COMMENTS FROM THE CITY STAFF
12. COMMENTS FROM THE COUNCIL
13. RECESS INTO EXECUTIVE SESSION IN ACCORDANCE WITH ORS 192.610 (1) (i) REGARDING ANNUAL EVALUATION OF CITY MANAGER
14. RECONVENE INTO REGULAR SESSION – COUNCIL ACTION REGARDING CITY MANAGER EVALUATION
15. ADJOURNMENT

Complete copies of the Current Council meeting Agenda Packets can be viewed at: *Seaside Public Library and Seaside City Hall. The Agendas and Minutes can be viewed on our website at [www.cityofseaside.us](http://www.cityofseaside.us).*

All meetings other than executive sessions are open to the public. When appropriate, any public member desiring to address the Council may be recognized by the presiding officer. Remarks are limited to the question under discussion except during public comment. This meeting is handicapped accessible. Please let us know at 503-738-5511 if you will need any special accommodation to participate in this meeting.

## **SEASIDE CITY TREE BOARD**

**(Meetings are scheduled every other month on the third Thursday at 4:00 PM)**

The purpose of the City Tree Board is to study, investigate, and develop and/or update annually, a written plan for the care, preservation, pruning, planting, replanting, removal or disposition of trees in parks, along streets, and in other public areas. The Tree Board, when requested by the City Council, shall consider, investigate, make findings, report and recommend upon any special matter or question coming within the scope of its duties and responsibilities,

- (1) Develop criteria for city staff and/or contractors to apply in making decisions entrusted to staff and/or contractor discretion,
- (2) Designate Heritage Trees on public and private lands within the city,
- (3) Promote the planting and proper maintenance of trees through special events including an annual local celebration of Arbor Day, and
- (4) Obtain the annual Tree City USA designation by the National Arbor Day Foundation.

The Board consists of five members, appointed by the City Council for a three-year term, and who are residents, or owners or employees of businesses within the city limit.

The City Tree Board shall schedule meetings as needed and elect a chairperson and a vice-chairperson. No more than 3 unexcused absences allowed in a calendar year.

Tree Board members serve without salary or compensation of any nature.

## COMMITTEE/COMMISSION APPOINTMENT

1. **Date Council Notified:** June 25, 2018  
**Name:** Ann Tierney-Ornie  
**Commission/Committee:** City Tree Board Committee  
**Resignation Date:** N/A  
**Term Expiration Date:** Tierney-Ornie - June 30, 2018  
**Wants to be considered again:** No
2. **Applicants:**
3. **Nominations:**
4. **Appointment:**



# CITY of SEASIDE

OREGON'S  
FAMOUS  
ALL-YEAR  
RESORT

989 BROADWAY  
SEASIDE, OREGON 97138  
(503) 738-5511

## CITY TREE BOARD

Term of Office: 3 years

Number of Members: 5

<u>NAME</u>	<u>ADDRESS</u>	<u>PHONE</u>	<u>TERM EXPIRES</u>
VACANCY (TIERNEY-ORNIE)			6/30/2018
JOHN CARTER	PO BOX 679	738-4387	6/30/2019
VINEETA LOWER	815 6 <sup>TH</sup> AVENUE	503-621-6588	6/30/2020
PAM FLEMING	1255 AVENUE 'B'	738-5637	6/30/2020
ARNIE OLSEN	PO BOX 645	717-5745	6/30/2021
DALE MCDOWELL	1387 AVENUE 'U'	738-5112	STAFF REPRESENTATIVE

## **SEASIDE AIRPORT COMMITTEE**

**(Meetings are scheduled every other month on the last Tuesday at 6:00 PM)**

The purpose of the Seaside Airport Committee is to act as an advisory body to the City Council, the City Manager, and the Public Works Director/City Engineer regarding issues concerning the Seaside Public Airport.

The committee shall consist of the following Seven (7) members: resident of the City of Gearhart, and Six (6) members, who are not employees of the City, and at least (4) of the members shall reside within the City limits who shall serve as members. The Mayor shall appoint one member of the City Council as Council liaison, and the Public Works Director shall be the Staff liaison to the Committee.

The members of the committee shall be selected from, but are not limited to, members of the following groups: persons with a demonstrated interest in public airport, educators, private businesspersons, persons with a diversity of ethnic and cultural affiliations, and persons of diverse economic backgrounds and interests.

The members shall serve without salary or compensation of any nature.

All members shall be appointed by the City Council and shall serve for a term of three years. However, three of the first non-permanent members shall be appointed for a term of one year, two years, and three years respectively. As those terms expire, the vacancy will be filled for three-year terms in each case.

Each year, at the first Committee meeting in January, the members shall appoint one of their members as Chairperson and one as Vice-Chairperson. One of the Committee members will serve as Secretary. Minutes of all meetings will be filed with the City Council.

The Committee shall hold a regular meeting at least once each month of the calendar year. The meetings shall be open to the public. Any person appointed by the City Council to serve on this committee who misses three or more regularly scheduled meetings during a 12 month period shall be notified by letter that the position must be vacated. The individual may appeal the decision to the City Council. ( A 12 month period is defined as beginning in January of each calendar year.)

## COMMITTEE/COMMISSION APPOINTMENT

1. **Date Council Notified:** August 13, 2018  
**Name:** Tracy MacDonald  
**Commission/Committee:** Seaside Airport Committee  
**Resignation Date:** MacDonald - August 1, 2018  
**Term Expiration Date:** June 30, 2019  
**Wants to be considered again:** N/A
2. **Applicants:**
3. **Nominations:**
4. **Appointment:**



# CITY of SEASIDE

OREGON'S  
FAMOUS  
ALL-YEAR  
RESORT

989 BROADWAY  
SEASIDE, OREGON 97138  
(503) 738-5511

## AIRPORT COMMITTEE

Term of Office: 3 years

Number of Members: 7

<u>NAME</u>	<u>ADDRESS</u>	<u>PHONE</u>	<u>TERM EXPIRES</u>
<b>VACANCY</b> (MACDONALD)			6/30/2019
TERI CARPENTER	220 AVENUE 'U'	425-246-9962	6/30/2019
RANDALL HENDERSON*	89066 OCEAN DRIVE WARRENTON, 97146	503-577-6153	6/30/2020
ROY BENNETT	2026 FERNWOOD ST.	738-4102	6/30/2020
BRUCE FRANCIS	90250 SHORE LINE DR. WARRENTON, 97146	440-0033	6/30/2021
DIANNE WIDDOP	PO BOX 2116 GEARHART, 97138	440-0358	6/30/2021
JESSE TAYLOR	2041 ALDERCREST ST.	440-7564	6/30/2021
DALE MCDOWELL	1387 AVENUE 'U'	738-5112	Public Works
RANDY FRANK	454 HIGHLAND DR.	440-3090	City Council

\*Chair

## COMMUNITY CENTER COMMISSION

**(Meetings are scheduled the first Tuesday of every month at 10:00 AM)**

The purpose of the Community Center Commission is to be an advisory body to recommend and make suggestions to the City Council concerning matters relating to the well being of the community center and its users. Receive direction from the Council concerning matters relating to the well being of the community center and its users.

The commission consists of nine members who are not officials or employees of the city and who shall be appointed by the City Council. A minimum of five members shall reside within the city limits; a maximum of four members may reside within the Urban Growth Boundary, but outside the City limits.

A Community Center Commissioner's term of office shall commence on June 1, of each year of his/her term. At the first Commission meeting in June, the Commission will appoint one of their members as Chairperson and one as Vice-Chairperson. One member of the Commission will serve as secretary and minutes will be filed with the City Council.

The Commission shall hold a regular meeting at least once each month of the calendar year. The meetings shall be open to the public. Any person appointed to serve on this committee who misses three or more regularly scheduled meetings during a 12-month period shall be notified by letter from the Mayor that the position must be vacated. The individual may appeal the decision to the City Council. (A 12 month period is defined as beginning in January of each calendar year.)

The members shall serve without salary or compensation of any nature. "The members shall serve without salary or compensation of any nature."



## COMMITTEE/COMMISSION APPOINTMENT

1. **Date Council Notified:** **January 14, 2019**  
**Name:** Greta Passetti  
**Commission/Committee:** **Community Center Commission**  
**Resignation Date:** **Deceased**  
**Term Expiration Date:** **June 1, 2019**  
**Wants to be considered again:** **N/A**
  
2. **Applicants:**  
Jennifer Johnson  
Jordan Viriding
  
3. **Nominations:**
  
4. **Appointment:**

**Please Note: It is Council policy that applicants must be a city or urban growth boundary resident, business owner or employee of a business for at least one year, depending on committee/commission residency requirements.**

### CITY OF SEASIDE

Interest Form for Committee/Commission/Board Vacancies

**PLEASE RETURN TO CITY HALL BY:** \_\_\_\_\_

NAME Johnson Jennifer PHONE 360/390.8453  
Last First

ADDRESS 660 Ave T #B Seaside OR 97138

MAIL ADDRESS (DIFFERENT THEN ABOVE) p.o. box 243 Seaside OR

BUSINESS ADDRESS (IF APPLICABLE) \_\_\_\_\_

EMAIL ADDRESS johnsonjen.jj@gmail.com

LENGTH OF TIME IN SEASIDE 1 yr ARE YOU A REGISTERED VOTER IN SEASIDE: Yes  No

OCCUPATION Times Theatre

PAST OCCUPATIONS See attached resume

List committee/commissions on which you would like to serve: Community Center or Tourism Advisory

List committee/commissions you are currently appointed to: \_\_\_\_\_

List fields in which you have interest or ability: Events, Leadership, organize, Community Center, community, activities, youth, art sports

List employment and volunteer activities, which may relate to service on committee/commissions: please see attached resume

List skills and special knowledge that you may have acquired from these activities: I was a supervisor for the Jefferson County Parks & Rec. I coached soccer & basketball...  
please see attached resume

Have you ever been convicted, pled guilty or pled "no contest" to any crime, offense, or major traffic violation? Yes ( ) No ( ) If yes, what offense? \_\_\_\_\_

When? 10 years ago Please explain: I was in financial hardship, made a bad decision, made things right. That experience has made me a better teacher, mother, & leader & coach

Please list 3 references including an employer or supervisor, and people that have known you for at least 2 years. (No City Council Members, Please)

NAME	RELATIONSHIP	ADDRESS	PHONE
<u>Ben Fowler</u>	<u>20+ year friend</u>	<u>Seaside</u>	<u>503.739.5535</u>
<u>Matt Tyler</u>	<u>previous <del>boss</del> employer</u>	<u>Port Townsend</u>	<u>360.531.1744</u>
<u>Kerri Lambert</u>	<u>current manager</u>	<u>Seaside</u>	<u>503.440.6350</u>
<u>Laurie Solch</u>	<u>colleague/friend</u>	<u>Port Townsend</u>	<u>608.772.6273</u>

I authorize, any person or entity contacted by the City of Seaside to furnish information relating to my appointment to the Commission/Committee/Board indicated above and I release any such person or entity from any and all liability for furnishing such information. I also release the City of Seaside from any and all liability for conducting such an investigation.

DATE \_\_\_\_\_ SIGNATURE Jennifer Johnson

# Jennifer E. Johnson

Seaside Oregon 97138 \* 360.390.8453 \* johnsonjen.jj@gmail.com



References Available

## Key Skills

- \*Basic ASL Instruction
- \*Early Childhood Education
- \*Child Safety
- \*Child Program Space Development
- \*Art/ Design/Photography
- \*Waldorf, Montessori and Amelia Reggio
- \*Leadership
- \*Communication/Leadership/ Public Relations

## Education/ Certificates

- \*ECE Equivalency
- \*CPR/First Aid Certification
- \*Certified Food Handler
- \*OLCC
- \*Lifeguard Certification
- \*Family- Care Certification
- \*Childcare Program Management
- \*Bloodborne Pathogen Exposure Prevention
- \*Exploring Nature with Young Children
- \*Portland Art Institute: Coursework, Interior Design (2007-2008)
- \*Pendleton High School: High School Diploma (1999)

## Committees/

## Volunteer/

## Organizations

- \*WWOOF, World Wide Organization of Organic Farming
- \*PT Leader, Port Townsend Daily News
- \*SAMfest, Solidarity Through Art & Music Festival Committee Member
- \*Chamber of Commerce Ambassador, Port Townsend Chamber of Commerce
- \*Farmers Market Fundraising Committee, Pendleton Oregon

*I would like to utilize my skills to better serve my community*

## Professional Experience

Times Theatre and Public House  
Seaside/PT School District  
Jefferson County Parks and Rec.  
Private Nanny In Home Nanny  
Magnolia Whizz Kids Academy  
Mother Bear Day Care  
Ginkgo Home Furnishings

*Server/Bartend/Concessions*, August 2018- current  
*Teachers Assistant*, September 2016-September 2018  
*Recreational Supervisor*, Aug. 2015-Dec. 2017  
*Private Nanny*, July 2014-June 2015  
*ECE Educator*, October 2013-July 2014  
*Business Owner*, November 2010-September 2013  
*Assistant Manager*, October 2006- November 2008

## PortTownsend/Seaside School District, PortTownsend WA/Seaside OR

*Para Educator/Teacher Assistant*, Implement and monitor students' educational program and provide assistance to students as directed including communication and specific behavioral plan. Observe and gather data about students' progress and development. Set up and maintain student files, data collection and records. Flexible working in a changing educational environment. Support students to maintain appropriate behavior and safety in the school environment. Evaluate students' behavior and needs. Assisted with athletic department, Home Economics, classroom settings ranging from elementary to high school age.

## Jefferson County Parks and Rec., Port Townsend WA

*Supervisor/Coach*, Supervise in a variety of recreational programs. Assist recreation managers. Understanding of safety and proper use of facilities. Perform limited facility maintenance. Supervise recreation programs. Communicate and work effectively with staff. Supervise program implementation for youth and adult activities for Jefferson county venues. Soccer and basketball coach.

## Magnolia Whizz Kids Academy, Seattle WA

*Early Childhood Education Teacher*, Supervise children at all times in an Amelia Reggio creative learning environment. Assist in preschool/toddler activities, outdoor and indoor activities, field trips. Relate instructional objectives to elementary curriculum standards and demonstrate effective decision-making concerning instructional goals. Aid students in developing self-confidence and a positive self-image. Prepare students for lessons by reviewing, outlining and explaining objectives. Present lessons in a clear, well-organized and logical structure, embracing enthusiasm and optimism. Use a variety of instructional materials such as contextual, supplemental, teacher-constructed, teaching bulletin boards, audio-visual, hands-on, discovery and activity-based learning. Reflect an attitude that values diversity. Awareness of student's emotional, social and educational needs.

## Business Owner, Pendleton OR

*Registered Daycare Provider*, Registered in-home child care provider for ten children aged six months to twelve with the focus of Waldorf education. Observe and monitor children's play activities. Manage all aspects of business operations. Communicate with children's parents/guardians about daily activities/behaviors/related issues. Keep records on individual children, including daily observations/information about activities, meals served, medications administered. Support children's emotional/social development, encouraging understanding of others & positive self-concepts. Identify signs of emotional/developmental problems in children and bring them to parents'/guardians' attention. Assist preparing food/serving meals and refreshments to children. Instruct children in health/personal habits, e.g., eating/resting/toilet habits.

## Ginkgos Home Furnishing, Portland OR

*Assistant Manager*, Oversee daily operations in retail management. Working with cliental customizing high end furniture and or interior design. Network with suppliers, managing displays, showroom design, maintaining supplies and providing quality customer service to cliental. Advertisement through marketing. Sales representative. Money handling and bank deposits. Assemble and disassemble merchandise. Opening and closing the building. Maintain inventory of merchandise. Assist with deliveries when needed. Lead or assist meetings. Filing, money handling, banking and deposits.

Please Note: It is Council policy that applicants must be a city or urban growth boundary resident, business owner or employee of a business for at least one year, depending on committee/commission residency requirements.

CITY OF SEASIDE

Interest Form for Committee/Commission/Board Vacancies

PLEASE RETURN TO CITY HALL BY: \_\_\_\_\_

NAME Viriding Jordan PHONE 503 / 724-3645

ADDRESS 1220 Queen St

LENGTH OF TIME IN SEASIDE 9/2015 to current

ARE YOU A REGISTERED VOTER IN SEASIDE:  Yes No

OCCUPATION Retail Manager

PAST OCCUPATIONS Loan officer, Teller  
Cashier

List committee/commissions you are currently appointed to: None

List committee/commissions on which you would like to serve: Community center Commission  
Tourism

List fields in which you have interest or ability: Tourism, Candy  
MUSIC, Banking

List employment and volunteer activities, which may relate to service on committee/commissions:  
Manager- Phillips Candies  
Loan officer/Member rep- Wauna

List skills and special knowledge that you may have acquired from these activities:  
Working downtown really allows me to meet local people  
and get to know our town and what/who it takes to  
make it run. I'd like to build on that and give back in any way  
I can.

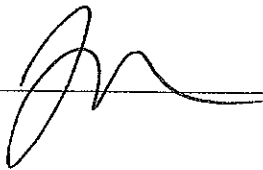
Have you ever been convicted, pled guilty or pled "no contest" to any crime, offense, or major traffic violation? Yes ( ) No  If yes, what offense?

When? \_\_\_\_\_ Please explain: \_\_\_\_\_

Please list 3 references including an employer or supervisor, and people that have known you for at least 2 years. (No City Council Members, Please)

NAME	RELATIONSHIP	ADDRESS	PHONE
<u>Piper O'Brien</u>	<u>Family Friend</u>	<u>720 S. Lincoln</u>	<u>503 738 3169</u>
<u>Mark Uti</u>	<u>Manager</u>	<u>1423 S. Franklin</u>	<u>503-838-2231</u>
<u>Steve Phillips</u>	<u>Family Friend</u>	<u>1845 Broadway</u>	<u>503 738 9413</u>

I authorize, any person or entity contacted by the City of Seaside to furnish information relating to my appointment to the Commission/Committee/Board indicated above and I release any such person or entity from any and all liability for furnishing such information. I also release the City of Seaside from any and all liability for conducting such an investigation.

DATE 2/28/2019 SIGNATURE 



# CITY of SEASIDE

OREGON'S  
FAMOUS  
ALL-YEAR  
RESORT

989 BROADWAY  
SEASIDE, OREGON 97138  
(503) 738-5511

## COMMUNITY CENTER COMMISSION

Term: 3 years

Number of Members: 9

<u>NAME</u>	<u>ADDRESS</u>	<u>PHONE</u>	<u>TERM EXPIRES</u>
PIPER O'BRIEN***	720 S. LINCOLN	738-3169	6/01/2019
<b>VACANCY</b> (Passetti)			6/01/2019
MOLLY IRONS**	221 7 <sup>TH</sup> AVENUE	738-7005	6/01/2019
MALINDA AUSTIN	2062 CEDAR STREET	738-3926	6/01/2020
JOE (FRED) FISHER	2533 OREGON	738-9897	6/01/2020
KRISTIN TSCHANNEN*	770 16 <sup>TH</sup> AVENUE	323-397-5116	6/01/2020
LOUIS NEUBECKER	1859 BROADWAY	717-0153	6/01/2021
LEILA VERNOR	764 3 <sup>RD</sup> AVENUE	738-4352	6/01/2021
GENEVIEVE ULBRICHT	391 BEACH DRIVE	503-781-4644	6/01/2021
DANA PHILLIPS	1845 BROADWAY	738-9413	CITY COUNCIL

\*CHAIR

\*\*VICE CHAIR

\*\*\*SECRERY

## **Protect our North Coast and ditch the plastic bag!**

**Who are we:** We are a group of concerned Seaside residents who are dedicated to protecting our local environment. We are currently campaigning to eliminate single-use plastic bags in our city in order to reduce the plastic accumulating in our land, rivers, and ocean.

Several Oregon cities including Manzanita, Wheeler, Bay City, Ashland, Bend, Portland, Salem, and McMinnville have banned single use plastic bags. Seaside is a coastal city; our city's jobs and quality of life depend on a healthy ocean, a clean river, and plastic free coastal lands.

The Oregon Department of Environmental Quality supports bans on single use plastic bags and a fee on single use paper bags. <https://www.oregon.gov/deq/mm/production/Pages/Bags.aspx>

**The problem:** Plastic bags can't biodegrade; they last virtually forever (500+ years or more). Instead, plastic bags break down into smaller pieces called micro-plastics that leach toxicants that pollute our land and water systems, contaminating wildlife, including marine life, as well as ecosystems. Many animals confuse plastics for food or nest building materials, while others get entangled and trapped in the plastic mess. Recent studies estimate 100,000 marine animals are killed by plastic bags annually. There are further concerns about how humans will be affected by drinking contaminated water, or eating fish such as crab, that has been consuming micro-plastics.

SOLVE which has removed millions of pounds of trash from Oregon's beaches reports plastic bags are among the most common plastic litter. <https://www.solveoregon.org/litter-and-marine-debris> Because they are light in weight, plastic bags easily blow out of trash cans and landfills. They clog waterways, damage farm land, and provide an ideal breeding ground for mosquitoes. Also, plastic bags are manufactured using petroleum, a nonrenewable resource. It has been estimated that the average American family takes home 1,500 plastic bags per year, for a total of over 100 billion bags used in the U.S. every year. Almost all of these plastic bags end up in the trash. Local governments are stuck with the costs of disposal and clean up. Those disposal and cleanup efforts have, as you can see, not made a dent in keeping plastic bags out of the environment.

**Our ask to you: Let's ditch the single-use plastic bag!** Our goal is to spread awareness about the problem of single-use plastic, and reduce plastic waste, by first working with Seaside to ban retail stores and restaurants from providing single-use plastic bags to their customers.

**Support we will offer:** We are mindful of how important our retail businesses are to our Seaside economy. We want to make this transition as easy and fun as possible! We would like to work with our local government and businesses and come up with a reusable bag that promotes Seaside that visitors can carry around for their purchases. We have already priced these reusable bags which could be sold to visitors and other customers for about a dollar. We think people will appreciate Seaside's concern for its environment and enjoy having a Seaside promotional bag for their purchases rather than a bunch of plastic bags.

# Scientific support for a plastic bag reduction law

This report was compiled by the [Scientist Action and Advocacy Network](#) and summarizes evidence from academic and government-commissioned studies. Sections 2 and 3 were curated by Professor Tatiana A. Homonoff of the R.F. Wagner School of Public Service at New York University. Dr. Homonoff is an expert on the behavioral effects of fees and incentives, and the lead author of two studies described here [1, 2]. For questions or comments, email [info@scaan.net](mailto:info@scaan.net).

Dec 4, 2017

Every year, New York City residents use and discard approximately 10 billion single-use plastic grocery bags at a disposal cost of \$12.5 million [3]. The total surface area of these bags would cover all five boroughs twice over and weigh over five times the Brooklyn Bridge (70,000 tons) [4, 5, 6]. In this report, we summarize scientific evidence for the environmental impact of single-use plastic bags and evaluate the efficacy of proposed policies designed to reduce single-use bag use.



Figure 1: How plastic bags reach the ocean. (1) Dispersal by wind to inland waterways. (2) Dispersal along inland waterways (canals, rivers). (3) Direct coastal litter. (4) Dispersal by underground sewage [7, 8, 9]. Graphic created using piktochart.com.

## 1 Why minimize plastic bag use?

### Plastic bags disperse widely without biodegrading.

- Plastic bags act like sails in the wind, dispersing to waterways, lakes, and oceans, particularly due to their light weight, shape, and durability [8]. As they enter waterways, they disperse to farther areas and, with no mechanism for removal, they harm ecosystems progressively farther away from urban centers [8, 10, 11].
- Even the most remote areas of the world have seen drastic increases in plastic bag litter over the last decade. Researchers stationed in the Arctic photographed 7710 pieces of man-made litter in a single square kilometer, deep in the Arctic Ocean, which signifies a 112% increase over 9 years. Most (59%) items photographed were plastic, with plastic bag pieces comprising the vast majority [11].
- Plastics and the microparticles released from their manufacturing are highly concentrated in waterways near urban centers. In just three days of sampling two rivers near Los Angeles, researchers measured 60 tons (2.3 billion individual pieces) of plastic particles floating towards the ocean [7, 12].
- A single plastic bag will continue to impact the environment for centuries. Over hundreds of years, a single plastic bag will break into progressively smaller pieces, with small plastic fragments

potentially posing an even greater danger to organisms of all sizes [8, 13].

### The dispersal of plastic debris devastates wildlife.

Plastic bags, which float or accumulate on sea floors, pose a massive disruption to marine ecosystems; films and other plastic debris can kill animals at all levels of the food chain.

- **Endangered turtles can be killed by plastic bag ingestion.** Endangered sea turtles regularly eat plastic bags because they resemble jellyfish, a primary food source, often leading to death due to blockage of the intestines [12]. A study of endangered green sea turtles washed ashore in Florida found that 56% had man-made debris in their digestive tracts [14].

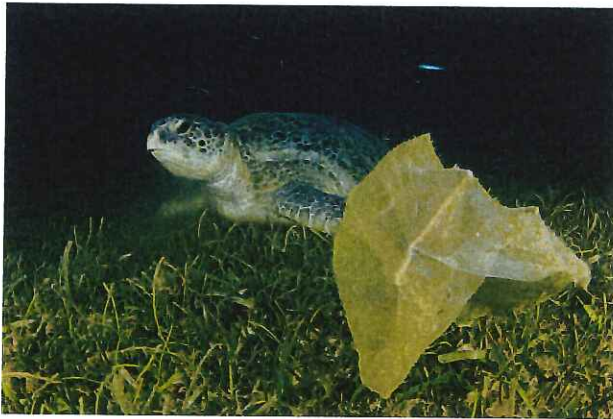


Figure 2: Endangered turtles consume plastic bags, mistaking them for jellyfish. Photo: <https://www.surfrider.org/>

- **Seabirds can be killed by plastic scrap ingestion** [15]. Approximately 50% of all seabird species are known to ingest plastic [12, 16, 17]. From a study of 186 seabird species worldwide, it was estimated that up to 90% of individual seabirds have ingested plastics [16]. White plastics are particularly harmful, as they are more easily mistaken for prey [18, 19]. Ingestion of plastic can cause intestinal blockage, hormonal abnormalities, and reproductive failure [15].
- **Plastic microparticles carry many chemical toxins and are consumed by small animals.** A single plastic pellet can absorb chemical pollutants up to 1 million times the concentration found in seawater. These particles are eaten by fish, zooplankton, and many other marine organisms near the bottom of the food chain, introducing them to

the bodies of larger animals [13, 17, 20]. These toxins have the potential to penetrate the cells and tissues of animals when ingested, including in humans [21].

- **Plastic bag accumulations smother organisms on the sea floor.** Experiments have shown that plastic bags—including the so-called “biodegradable” variety—prevent light and oxygen from reaching the ocean floor. This kills plants and small organisms on the sea floor, disrupting nutrient supply to the ecosystem [17, 22].

## 2 Fees and bans work

Across the country, different policies have been implemented with the goal of reducing the use of single-use plastic bags.

- A **fee** is a small charge for a single-use paper or plastic bag.
- A **ban** eliminates thin plastic bags but still allows for thicker ones.

Some places have introduced a ban on thin plastic bags in combination with a fee on remaining types of carryout bags (paper bags and thicker plastic bags).



Figure 3: The percentage of customers using single-use bags drops in response to bans and fees, but not in response to reusable bag credits. Maryland data from Figure 3a in [1], Richmond data from Figure 1 in [23], Chicago data from page 2 of [2].

### Fees effectively reduce plastic bag use.

Empirical studies convincingly show that even small fees are highly effective in reducing plastic bag use (Figure 3).

- **Montgomery County, MD:** A 5 cent fee on paper and single-use plastic bags reduced single-use bag use by **42 percentage points** (from 82% to 40%) [1].
- **Richmond, CA:** A ban on thin plastic bags and a 5 cent fee on other type of bags reduced single-use



bag use by **35 percentage points** (from 82% to 47%) [23].

- **Chicago, IL:** A 7 cent fee on both paper and single-use plastic bags reduced single-use bag use by **33 percentage points** (from 82% to 49%) [2].
- **San Jose, CA:** A ban on single-use plastic bags and a 10 cent fee on paper bags increased the percentage of bags that were reusable by **58.8 percentage points** (from 3.6% to 62.4%), and the percentage of customers using no bag increased by **24 percentage points** (from 19% to 43%) [9].
- **International:** Many international case studies have provided evidence for the effectiveness of plastic bag fees. In Ireland [24], Portugal [25], South Africa [26], and China [27], bans and fees resulted in usage reductions of **50 percentage points or more**.

We conclude that either of the following policies are effective in reducing single-use bag usage:

- A. A minimum 5 cent fee on all single-use bags (plastic or paper), or
- B. A ban on single-use plastic bags, plus a minimum 5 cent fee on all other bags.

### Plastic bag regulations have immediate positive effects on the environment.

- **San Jose, CA:** Bag litter was reduced by 89% in the storm drain system, 60% in the creeks and rivers, and 59% in city streets just 1-2 years after banning single-use plastic bags (2011–12) (Figure 4) [9].
- **Ireland:** In Ireland, in the year after the introduction of a 15 euro cent fee on plastic bags (2002–3), the number of “clear” areas increased by 21% and the number of areas without “traces” increased by 56% [24].

### The impact of plastic bag regulation on low-income communities is positive.

Do plastic bag fees harm low-income families? The evidence points to the opposite: small plastic bag fees of 5 to 7 cents are unlikely to negatively impact individuals, and are instead likely to have substantial positive effects on low-income communities:

- **Lower-income communities adjust to the fee effectively.** In Richmond, CA, customers of a dis-

count grocery store chain increased their rate of bringing reusable bags or no bags at all by 48 percentage points [23].

- **Plastic bag fees are expected to immediately reduce curb-side litter.** Immediate reductions in litter were observed in San Jose, CA [9], Austin, TX [28], and Ireland [24].
- **Air quality and public health are improved by a reduction in waste disposal.** As waste processing facilities are disproportionately located near low-income communities, these communities suffer the most from their presence due to toxic byproducts in the air and water [29].

### Fees have extended positive effects

One might be concerned that a fee could agitate consumers and turn them against environmental policies. However, there is no evidence to support such a concern. Rather, it is likely that people will more strongly favor environmentally friendly practices:

- **Post-ban attitudes are more positive than pre-ban attitudes.** Consumers who were initially resistant towards a plastic bag ban in Australia were shown to be more in favor of the ban after it went into effect. Mere campaigning did not change their attitude or behavior, but the ban itself changed both [30].
- **Plastic bag fees increase support for related environmental policies.** A study on the plastic bag fee in England showed consumers were more supportive of introducing fees on plastic water bottles and excessive plastic packaging, along with other environmental protection fees after the plastic bag fee was put in place [31].
- **Reductions in plastic bag usage may lead to more environmentally friendly product choices.** A Harvard study that tracked grocery store purchases found that customers who brought their own bags tended to purchase more environmentally friendly products [32].

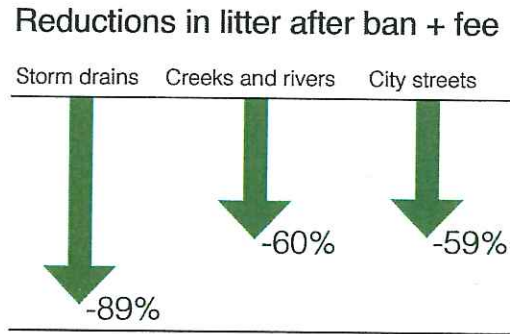


Figure 4: A ban on single-use plastic bags, combined with a minimum 10 cent fee on paper bags, was effective in reducing plastic bag litter in San Jose [9].

### 3 Ineffective policies

Here, we discuss policies that have not been shown to be effective, or that are demonstrably ineffective: a credit instead of a fee, a ban without a fee, recycling instead of reducing, and designing different plastic bags.

#### A credit instead of a fee is ineffective.

- **Giving a credit (reward) for bringing a reusable bag is ineffective.** A 5 cent credit barely reduced single-use bag use in Montgomery County, MD [1] (Figure 3: from 84% to 82%).
- This is consistent with established findings in psychology and behavioral economics: **Financial losses are felt more strongly than financial gains.** Nobel Laureates Kahneman and Tversky described this phenomenon, called “loss aversion” [33, 34]. It applies across a wide variety of product categories [35].
- **Thus, a 5 cent fee is expected to be more motivating than a 5 cent credit.** A credit would have to be (much) larger to achieve a similar effect to a 5 cent fee [1].

#### A ban without a fee is likely less effective than a policy with a fee component.

- In Austin, TX, estimates from clean-up events suggested that a ban on single-use plastic bags reduced the amount of such bags in litter; however, the city did not collect baseline data before the implementation of the ban [28].
- In Chicago, IL, a ban-only policy was perceived as ineffective, since retailers started giving thicker bags away for free. This later motivated the city to adopt a fee instead [2, 36].

- **Consumers notice when an item that they previously received for free now comes at a price** [37]. This suggests that a policy of a fee alone, and a policy that combines a ban with a fee are both more noticeable than a ban alone.

#### Recycling is no substitute for reducing.

Recycling is not an effective solution for the plastic bag problem:

- In New York City, plastic bags are not allowed in curbside recycle bins [38].
- Nationwide, only 11.5% of plastic bags are recycled [39].
- Plastic bags tend to jam sorting machines at recycling facilities [3].
- There is little market for recycled plastic bags, causing many to end up in landfills [3].

#### Designing different plastic bags is not a solution.

- A study of the physical dispersal properties of 8 commonly used plastic bag designs (varying in shape, thickness, and handle design) showed that no variation in weight or design can effectively prevent the dispersal of plastic bags; all current plastic bag designs are easily inflated by wind and disperse over long distances [8].

### 4 Conclusion

Based on evidence from environmental science, psychology, and economics, we recommend a **minimum 5 cent fee on both single-use plastic and paper bags, or a ban on single-use plastic bags combined with a fee on all other bags (paper or plastic).** Either measure is likely to have a large positive impact on: a) wildlife and the environment, b) the quality of life in communities of all socioeconomic levels, c) the efficiency of waste processing, and d) consumer attitudes towards the environment.

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The Problem with Plastic Bags

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Fast Facts About Plastic Pollution

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Plastic Recycling Facts and Figures

<https://www.thebalancesmb.com/plastic-recycling-facts-and-figures-2877886>

We Made Plastic. We Depend On It. Now We Are Drowning In It

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<https://www.surfrider.org/coastal-blog/entry/voluntary-plastic-bag-reductions-dont-work>

Creatures in the Deepest Trenches of the Sea are Eating Plastic

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A running list of action on plastic pollution

<https://www.nationalgeographic.com/environment/2018/07/ocean-plastic-pollution-solutions/>

The surprising solution to ocean plastic (David Katz | TED@IBM)

[https://www.ted.com/talks/david\\_katz\\_the\\_surprising\\_solution\\_to\\_ocean\\_plastic?utm\\_source=tedcomshare&utm\\_medium=email&utm\\_campaign=tedsread](https://www.ted.com/talks/david_katz_the_surprising_solution_to_ocean_plastic?utm_source=tedcomshare&utm_medium=email&utm_campaign=tedsread)

**Mead Engineering**  
89643 Ocean Drive, Warrenton, Oregon 97146  
Ph. 503-738-2538  
mark@meadeng.com

28 Feb. 2019

To: Seaside Mayor and City Council

From: Mark Mead PE

Re: Mo's Restaurant  
Shilo Building  
Broadway & Prom  
Seaside, Or 97138

Mo's restaurant wishes to re-use an existing vent along the Broadway Sidewalk area. Since this vent is within 10' of the property line (sidewalk area) city council permission is required for its use.

Information on this vent and its use is attached along with review and permission from Seaside Public Works and Building Departments.



EXPIRES 12/31/2020

Mark M. Mead  
Professional Engineer Oregon 12181, Hawaii 7492, Washington 49698  
Geotechnical Engineer Oregon 12181  
Professional Land Surveyor Oregon 2259  
Oregon Structural Inspector #2555SIA  
Oregon Structural Plans Examiner #2554PEA  
OIC-OR Inspector Certification #OIC2587

## Kimberley Jordan

---

**From:** Bob Mitchell <bmittell@cityofseaside.us>  
**Sent:** Thursday, February 28, 2019 12:05 PM  
**To:** 'Kimberley Jordan'  
**Subject:** FW: mos resturant hoods  
**Attachments:** class 2 hoods Mos .pdf

**From:** Bob Mitchell [<mailto:bmittell@cityofseaside.us>]  
**Sent:** Wednesday, February 20, 2019 8:35 AM  
**To:** MARK WINSTANLEY ([mwinstanley@cityofseaside.us](mailto:mwinstanley@cityofseaside.us)) <[mwinstanley@cityofseaside.us](mailto:mwinstanley@cityofseaside.us)>  
**Cc:** 'dmcdowell@cityofseaside.us' <[dmcdowell@cityofseaside.us](mailto:dmcdowell@cityofseaside.us)>  
**Subject:** FW: mos resturant hoods

Mark,

Attached is alternate design request from Mark Mead for the Mo's Restaurant remodel. I am able to approve this alternate design because of the practical difficulties that would be required to carry out the provisions of the Building Code in the existing building. Dale has given his approval for this alternate design because he does not feel the use of the vent would be a detriment to pedestrian traffic on the sidewalk along Broadway.

Would you feel this type of alternate design would require City Council's approval based on the mechanical code requirement of the vent to exhaust 10 feet from the property lines? This existing exhaust location is terminating 30 inches away from the back of the sidewalk abutting Broadway.

**From:** Mark Mead [<mailto:mark@meadeng.com>]  
**Sent:** Tuesday, February 19, 2019 5:36 PM  
**To:** Bob Mitchell <[bmittell@cityofseaside.us](mailto:bmittell@cityofseaside.us)>; city of seaside <[dkenyon@cityofseaside.us](mailto:dkenyon@cityofseaside.us)>; Randy Stemper <[randystemper@gmail.com](mailto:randystemper@gmail.com)>  
**Subject:** mos resturant hoods

see attached for class 2 hood exhaust

--  
Mark Mead PE, GE, PLS  
President  
Mead Engineering, LLC  
89643 Ocean Drive  
Warrenton, Oregon 97146

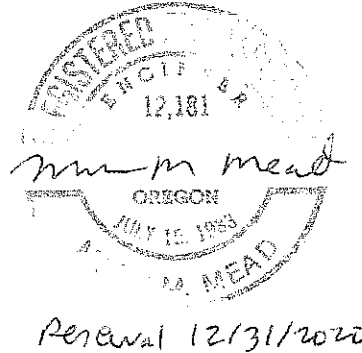
**Mead Engineering**  
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18 Feb. 2019

To: Bob Mitchell  
Seaside Building Official

From: Mark Mead  
Project Engineer

Re: Mo's Restaurant  
Shilo Building  
Broadway & Prom  
Seaside, Or 97138



During the demolition phase of the remodel project we found that the original class 2 steam hoods exhausted into a vent which serves the basement class 1 hood vent system. This venting is not allowed by building codes and therefor this vent area will be sealed up.

Above this restaurant area is four stories of hotel rooms. We looked for a location that an additional shaft area could be constructed up to the roof thru these rooms and did not find a feasible location. Option 2 was to pipe under the ceiling to the west and exhaust up through the existing roof in front of the hotel rooms. The intake air for the hoods and heating and cooling equipment for the building is located in this area. Therefor this was also found to not be a viable option.

On the south wall of the existing building there is a vent located approximately 14.5' above the sidewalk and 30" away from the back of the sidewalk. This vent is approximately 37' from the southeast corner of the building and more than 10 feet from the nearest window. (see photos below). This vent was used at one time for the hot exhaust for the walk-inn cooler compressors and may have also been used for a past class 2 hood and other kitchen exhaust. As part of the kitchen remodel we would like to change the use of this vent. The new energy efficient walk-inn cooler compressors being installed do not need to have hot air exhausted to the outside of the building. So as part of an alternate method of construction we would like to let the class 2 hoods exhaust duct run under the ceiling and out this vent. This would include the dishwasher, ovens and chowder warming range. The class 1 hood would still go up and discharge at the upper roof level. No grease would be exiting out this vent, only warm air and a small amount of steam vapor.

Mark M. Mead  
Professional Engineer Oregon 12181, Hawaii 7492, Washington 49698  
Geotechnical Engineer Oregon 12181  
Professional Land Surveyor Oregon 2259  
Oregon Structural Inspector #2555SIA  
Oregon Structural Plans Examiner #2554PEA  
OIC-OR Inspector Certification #OIC2587

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Photos of the location of the vent are below:



Upper vent in photo

vent behind light pole

Mark M. Mead

Professional Engineer Oregon 12181, Hawaii 7492, Washington 49698

Geotechnical Engineer Oregon 12181

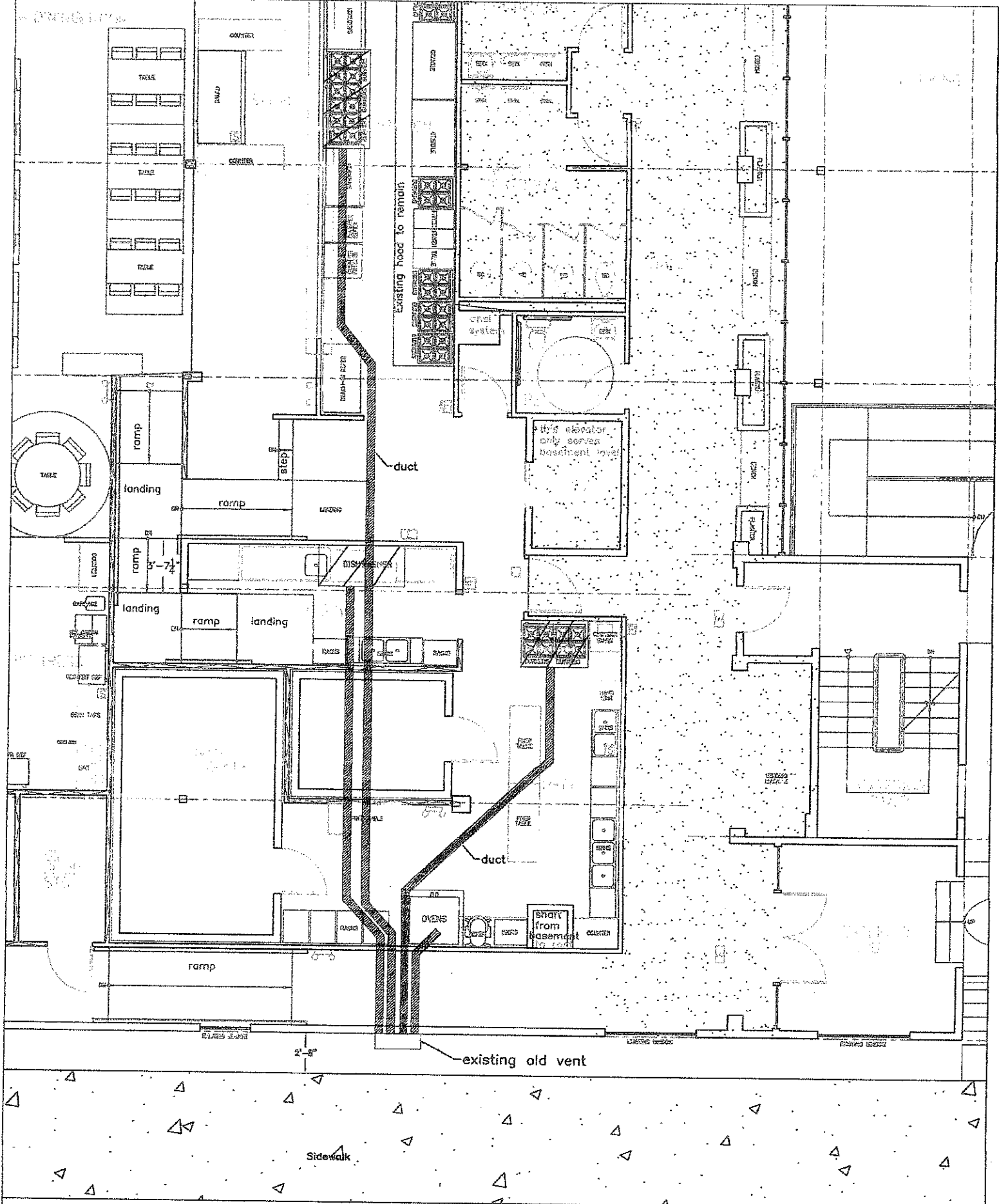
Professional Land Surveyor Oregon 2259

Oregon Structural Inspector #2555SIA

Oregon Structural Plans Examiner #2554PEA

OIC-OR Inspector Certification #OIC2587





Broadway

Class 2 Hood  
Sketch

M Mead  
Feb. 2019



# CITY of SEASIDE

OREGON'S  
F A M O U S  
A L L - Y E A R  
R E S O R T

**PUBLIC WORKS DEPARTMENT**  
LOCATION: 1387 AVE U  
MAIL: 989 BROADWAY  
SEASIDE, OREGON 97138  
(503) 738-5112

December 19, 2018

Mark Mead PE  
Mead Engineering  
89643 Ocean Drive  
Warrenton, OR. 97146

RE: Shilo Inn Restaurant change to Mo's  
South Wall Exhaust Vent


Dear Mark,

Upon review of your request I have the following comments/observations:

- a. Vent is existing
- b. I am assuming this is a "quiet" vent
- c. Potential Water Vapor drips would fall into the existing Landscape Planter
- d. Height of Vent is appropriate for this use
- e. Steam should dissipate quickly in this environment

Based on these comments and observations, I do not feel the use of this vent would be a detriment to pedestrian traffic on the sidewalk area along Broadway.

Respectfully yours,



Dale McDowell  
Public Works Director

## Mead Engineering

89643 Ocean Drive, Warrenton, Oregon 97146

Ph. 503-738-2538

mark@meadeng.com

19 December 2018

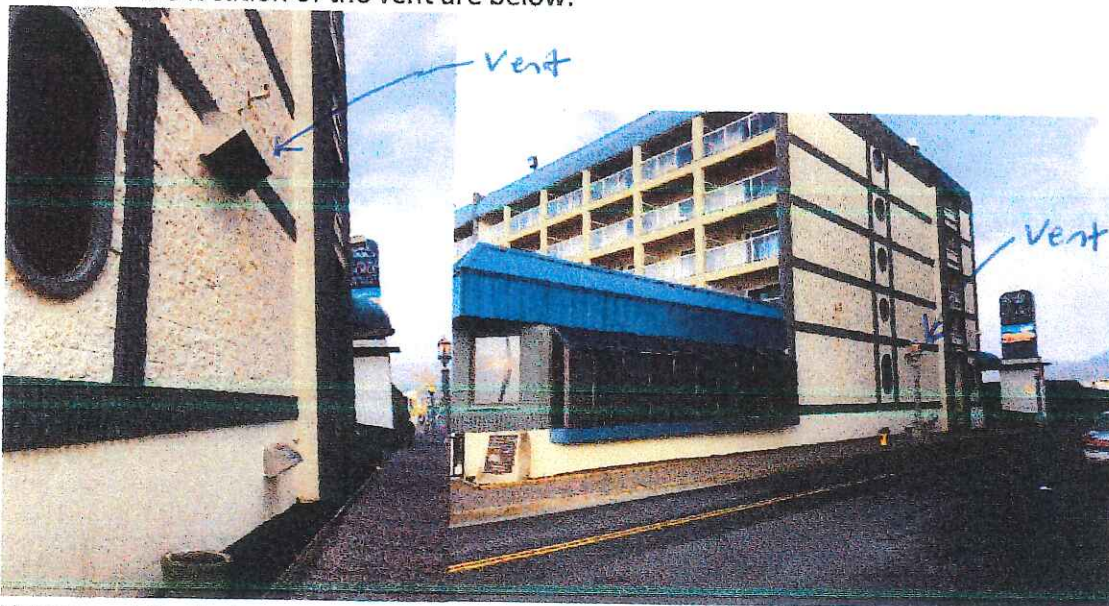
To: Dale McDowell  
Seaside Public Works Director

From: Mark Mead PE

Re: Shilo Inn restaurant change to Mo's  
South Wall Exhaust

On the south wall of the existing building there is a vent located approximately 14.5' above the sidewalk. This vent is approximately 37' from the southeast corner of the building. This vent used to be the exhaust for the walk-in cooler compressors. As part of the kitchen remodel we would like to change the use of this vent. We would like to let the class 2 hoods exhaust out this vent. This would include the dishwasher, ovens and chowder warming range. The class 1 hoods would still go up and discharge at the upper roof level. No grease would be exiting out this vent only steam and warm air.

Photos of the location of the vent are below:



Upper vent in photo

vent behind light pole

Mark M. Mead

Professional Engineer Oregon 12181, Hawaii 7492, Washington 49698

Geotechnical Engineer Oregon 12181

Professional Land Surveyor Oregon 2259

Oregon Structural Inspector #2555SIA

Oregon Structural Plans Examiner #2554PEA

OIC-OR Inspector Certification #OIC2587