



CITY OF PORTLAND, OREGON Development Services Center

Effective July 1, 2010

1900 SW Fourth Avenue, Suite 1500 • Portland, Oregon 97201 • www.portlandoregon.gov/bds

Systems Development Charge Form, Commercial Projects

FOR INTAKE, STAFF USE ONLY	
Date Rec _____ by _____	Address _____
Qtr Sec Map(s) _____	_____
Building Permit # _____	Tax Account # _____

Systems Development Charges (SDCs) are collected by the bureaus of Environmental Services, Parks and Recreation, Portland Water Bureau and the Portland Office of Transportation to help offset the impact your project will add to the City's infrastructure of storm and sanitary sewer systems, parks and recreation facilities, water and street systems. Commercial SDC fees for Parks went in to effect January 1, 2009, please call 503-823-5105 for details. The Bureau of Development Services does not charge SDCs.

- Complete for:**
- new construction
 - adding or removing plumbing fixtures
 - building additions or tenant improvements that change the number of units (as indicated on pages 2 and 3).
 - change of use or occupancy
 - increase of impervious surfaces over 500 sq. ft.

Applicant Name KEVIN WEARE CDS ASSOC
 Address 4000 DELRIDGE WAY SW SUITE 300
 City SEATTLE State WA Zip Code 98106
 Day Phone 206 795 2629 FAX _____ email KEVINCDSE@COLUMBIA-SENTINEL.CO

Describe the scope of the project. If applicable, include detail on the existing use(s) of the structure. If a building has been demolished, provide the demolition permit number. Do not include the previous use information in column 4 in the following table (attach additional sheets as necessary).

TENANT IMPROVEMENT TO EXISTING PETCO BUILDING AND
ESTABLISH AS DOLLAR TREE STORE. LANDLORD RESPONSIBLE
FOR INTERIOR DEMOLITION. NO CHANGE PROPOSED TO EXTERIOR
OR PARKING LOT

What county is your project in? Multnomah, inside Portland Clackamas
 Multnomah, outside Portland Washington

13.103875-00

Complete the table below and on the following page

Column 3: Enter the size (number of units) of your proposed development.

Column 4: If the project site has existing buildings or structures, enter the size (number of units) of the existing or most recent use.

(1) Building Use Type	(2) Unit of Measure	(3) Units In Proposed Development	(4) Units In Existing or Most Recent Use
Residential			
Multi Family (number of Units/Buildings)	dwelling		
Senior Housing	dwelling		
Rowhouse	dwelling		
Nursing Home	beds		
Congregate Care/Assisted Living	dwelling		

Low-income housing? (attach "Waiver Letter" from Portland Development Commission)

Commercial Services

Bank	sq ft/GFA		
Walk-in Bank	sq ft/GFA		
Day Care	students		
Library	sq ft/GFA		
Post Office	sq ft/GFA		
Hotel/Motel	rooms		
Service Station	Vehicle Fueling Position - VFP		
Movie Theater	screen		
Car Wash	wash stall		
Health Club	sq ft/GFA		
Marina	berth		

Commercial Institutional

School, K-12	student		
University/College	student		
Church	sq ft/GFA		
Hospital	Sq ft/GFA		
Park	acre		

Commercial Restaurant

Restaurant	sq ft/GFA		
Quick Service Restaurant (drive-through)	sq ft/GFA		

(1) Building Use Type	(2) Unit of Measure	(3) Units In Proposed Development	(4) Units In Existing or Most Recent Use
Commercial Retail			
Shopping Center	sq ft/GFA		
Supermarket	sq ft/GFA		
Convenience Market	sq ft/GFA		
Discount / Department Store	sq ft/GFA		
Miscellaneous Retail	sq ft/GFA	12,002	12,002
Car Sales, New and Used	sq ft/GFA		

Commercial Office			
Administrative Office	sq ft/GFA		
Medical Office / Clinic	sq ft/GFA		

Commercial Industrial			
Light Industrial / Manufacturing	sq ft/GFA		
Self-storage	sq ft/GFA		
Warehouse / Storage	sq ft/GFA		
Truck Terminal	acre		

PRIOR PAYMENT OF SDCs (This information can be researched at the Records and Resources Counter)

Has the existing use paid a Transportation SDC since October 17, 1997? yes no

If yes, specify date paid: _____ amount paid: \$ _____ permit # on which it was paid: _____

Signature and Date (to be completed by all development review customers)

I certify that the information presented throughout this document is current and accurate to the best of my knowledge:

Signature Kevin A Wear Date 1-11-13

Print name KEVIN A WEARE

Company name and your position CDS ABSOL OWNER AGENT FOR DOLLAR TREE

Bureau of Environmental Services (BES)

Fixture Worksheet and Stormwater Information Form

Residential/Multiple Dwellings (number of units): _____

NOTE: Residential units for mixed-use developments will be charged 0.8 EDU per unit or \$3,068.00/unit.

The commercial spaces will be charged by Plumbing Fixture Unit (PFU).

Part I: Calculation of Plumbing Fixture Units (PFUs) for Commercial, Retail and Office spaces only.					
Fixture Type (for Commercial only)	Number of Fixtures to be Added [1]	Number of Fixtures to be Removed [2]	Net Change in Number of Fixtures [3]	Equivalency Factor [4]	Net Change in Number of PFUs
<i>Calculation</i>			[1] - [2]		[3] x [4]
Bathtub or combination bath/shower				2.0	
Clothes washer				6.0	
Dental unit or cuspidor				1.0	
Dishwasher				2.0	
Drinking fountain or water cooler	1	1		0.5	
Laundry sink				2.0	
Lavatory (wash basin) single	2	2		1.0	
Lavatory (wash basin) sets of 2 or 3				2.0	
Shower stall				2.0	
Sink, commercial, food & service				3.0	
Sink, general	1	2	(1)	2.0	(2)
Urinal				2.0	
Water closet (toilet) private	2	2		4.0	
Other*(floor sink / floor drain)	2	2		1.0	
Other*(Specify)					
Other*(Specify)					
Other*(Specify)					
* For Other fixtures, use PFU values from Oregon Plumbing Specialty Code	Total of Net Changes in PFUs (if negative enter negative number) (if applicable show negative number for future credit)				(2)

Storm Water Identification:

Are you increasing the impervious surface: yes no

If yes, please note the Impervious Surface Area (i.e. hard surface such as roof, asphalt, concrete, building footprint, etc.) as requested below:

Total impervious area on site after completion: _____ sq. ft.

Existing impervious area before construction: _____ sq. ft.

New impervious area to be added to site: _____ sq. ft.

Provide the amount of lineal footage of property fronting all public rights-of-way: _____ ft.

Portland Water Bureau Water Meter Sizing Worksheet - Commercial or Mixed Use

Revised: May 2008 According to UPC-2005-Appendix A

Building Permit Number	Service Address
------------------------	-----------------

Type of Fixture	(1) Fixtures in New Structure	(2) + Fixtures in Existing Structure	(3) -- Fixtures Re- moved	(4) =	(5) Total Fixtures	(6) x Fixture Value	(7) =	Total Fixture Unit Value
Sink, Clinic				=		x 3.0	=	
Sink, Kitchen				=		x 1.5	=	
Sink, Service or Mop Basin	1	2	2	=	(1)	x 3.0	=	(3)
Sink, Laundry				=		x 1.5	=	
Sink, Bar				=		x 2.0	=	
Sink, Lavatory	2	2	2	=	2	x 1.0	=	2
Bathtub or Tub/Shower				=		x 4.0	=	
Shower				=		x 2.0	=	
Urinal, 1.0 GPF				=		x 4.0	=	
Urinal, > 1.0 GPF				=		x 5.0	=	
Water Closet, 1.6 GPF Gravity Tank	2	2	2	=	2	x 2.5	=	5
Water Closet, 1.6 GPF Flushometer Valve				=		x 5.0	=	
Water Closet, >1.6 GPF Flushometer Valve				=		x 8.0	=	
Clothes Washer, domestic				=		x 4.0	=	
Dishwasher				=		x 1.5	=	
Drinking Fountain	1	1	1	=	1	x 0.5	=	.5
Hose Bibb				=		x 2.5	=	
Hose Bibb, each additional				=		x 1.0	=	
Note: Fixture units for flushometers are approximate values. Values may be adjusted by Portland Water Bureau Staff on a case by case basis.								
Total Fixture Units =								<u>4.5</u>

Instructions

- Column 2: Enter the total number of each fixture type intended for the completed new structure
- Column 3: If the project has an existing structure that will be utilizing the same water meter enter the total number of each fixture type currently in the existing structure.
- Column 4: Enter the number of fixture connections that will be permanently removed from the new structure.
- Column 5: Sum of column 2 and 3 minus column 4
- Column 6: Per unit value of each fixture type
- Column 7: Enter the number of column 5 times Column 6

Fixture Unit Count (column 7 total)	Required Meter Size
0 – 22	5/8" meter
22.5 – 37	3/4" meter
37.5 – 89	1" meter
89.5 – 286	1.5" meter
286.5 – 532	2" meter
532.5 – 1,300	3" meter
1,300.5 – 3,600	4" meter
3,600.5 – 8,200	6" meter

NOTE: There may be SDC credit if existing meters are utilized or removed. SDC fees are not assessed to fire lines. Fees are due at time water service installation is paid. Call Portland Water Bureau Development Services, 503-823-7368 with any questions.

13-103862-CE



Building Permit Application
City of Portland, Oregon - Bureau of Development Services
1900 SW 4th Avenue, Portland, Oregon 97201 • 503-823-7310 • TTY 503-823-6868 • www.portlandoregon.gov/bds

Type of work
New construction
Demolition
Addition/alteration/replacement
Other:

Category of construction
1 & 2 family dwelling
Multifamily
Commercial/industrial
Master builder
Accessory building
Other:

Job site information and location
Job no.:
Job address: 1132 N. HAYDEN MEADOWS DR.
City/State/ZIP: PORTLAND ORE 97217
Suite/bldg./apt. no.:
Project name: DOLLAR TREE STORE
Cross street/directions to job site:
Subdivision:
Lot no.:
Tax map/parcel no.: R649714860

Description of work
TENANT IMPROVEMENTS TO EXISTING RETAIL STORE

Provide RS Permit no.

Property owner
Name: DOLLAR TREE STORES
Address: 12992 SE WHERE ELSE LANE
City/State/ZIP: MILWAUKIE ORE 97222
Phone: 503 653 1788

Owner installation: This installation is being made on property that I own, which is not intended for sale, lease, rent, or exchange.
Owner signature:
Date:

Contractor
Business name: NOT DETERMINED
Address:
City/State/ZIP:
Phone:
FAX:
CCB lic. no.
Authorized signature:
Print name:
Date:

Applicant
Business name: CDS ASSOC. LLC
Contact name: KEVIN H. WEARE
Address: 4000 DELRIDGE WAY SW S-300
City/State/ZIP: SEATTLE WA 98106
Phone: 206 795 2629
E-mail: KEVIN@CDS@COLUMBIA-SENTINEL.COM
Authorized signature:
Print name: KEVIN H WEARE
Date: 1-11-13

This permit application expires if a permit is not obtained within 180 days after it has been accepted as complete.

Office Use Only
Permit no:
Date received:
By:

Required Data: One and Two Family Dwelling

Permit fees* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.

Table with 2 columns: Field Name, Value. Fields include Valuation, Number of bedrooms, Number of bathrooms, Total number of floors, New dwelling area, Garage/carport area, Covered porch area, Deck area, Other structure area.

Required Data: Commercial Use

Permit fees* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar) of all equipment, materials, labor, overhead, and the profit for the work indicated on this application.

Table with 2 columns: Field Name, Value. Fields include Valuation (\$134,000), Existing building area (12,002), New building area (0), Number of stories (1), Type of construction (VB).

Occupancy groups
Existing: M
New: M

Notice

All contractors and subcontractors are required to be licensed with the Oregon Construction Contractors Board under ORS 701 and may be required to be licensed in the jurisdiction in which work is being performed.

Statement of Fact: I certify that the facts and information set forth in this application are true and complete to the best of my knowledge. I understand that any falsification, misrepresentation or omission of fact (whether intentional or not) in this application or any other required document, as well as any misleading statement or omission, may be cause for revocation of permit and/or certificate of occupancy, regardless of how or when discovered.

I acknowledge that work related to this Building Permit Application may be subject to regulations governing the handling, removal and/or disposal of asbestos and/or lead-based paint. (initials)

Building Permit Fees*

Table with 2 columns: Field Name, Value. Fields include Fees due upon application, Amount received, Date received.

Residential Combo permit subcontractor submittals only can be faxed to 503-823-7693 or e-mailed to BDSCombInspSec@portlandoregon.gov.

13-103875-MT



MECHANICAL PERMIT APPLICATION

City of Portland, Oregon - Bureau of Development Services

1900 SW 4th Avenue, Portland, Oregon 97201 • 503-823-7363 • TTY 503-823-6868 • www.portlandoregon.gov/bds

Type of work

- New construction Addition/alteration/replacement
 Demolition Other:

Category of construction

- 1 & 2 family dwelling Commercial/industrial Accessory building
 Multifamily Master builder Other:

Job site information and location

Job no.: _____ Job address: 1132 N. KAYDEN MEADOWS DR.
 City/State/ZIP: PORTLAND ORE 97217
 Suite/bldg./apt. no.: _____ Project name: DOLLAR TREE STORE
 Cross street/directions to job site: _____
 Subdivision: _____ Lot no. _____ Tax map/parcel no. _____

Description of work (example: upstairs bath fan/dryer exhaust)

INSTALL DUCTWORK TO (E) HEATING AND COOLING SYSTEM FOR NEW TENANT IMPROVEMENTS

Provide RS permit no. _____

Property owner Tenant

Name: DOLLAR TREE STORE E-mail: _____
 Address: 12992 SE WHERE ELSE
 City/State/ZIP: _____
 Phone: _____ FAX: _____
 Owner installation: This installation is being made on property that I own, which is not intended for sale, lease, rent, or exchange.
 Owner signature: _____ Date: _____

Contractor Subcontractor

Business name: _____ E-mail: _____
 Address: _____
 City/State/ZIP: _____
 Phone: _____ FAX: _____
 Lic. no. _____ CCB lic. no. _____
 Authorized signature: _____
 Print name: _____ Date: _____

Applicant Contact Person

Business name: _____
 Contact name: _____
 Address: _____
 City/State/ZIP: _____
 Phone: _____ FAX: _____
 E-mail: _____

This permit application expires if a permit is not obtained within 180 days after it has been accepted as complete.

Commercial Fee Schedule - Use Checklist

Mechanical permit fees* are based on the value of the work performed. Indicate the value (rounded to the nearest dollar of all mechanical materials, equipment, labor, overhead and profit.)

Value: \$ 15,000

Residential Equipment / Systems Fees

For special information use checklist

Description	Qty.	Fee	Total
Heating / cooling			
Air conditioner (site plan required)		\$26	
Furnace / burner including duct work / vent / liner		\$55	
Heat pump (site plan required)		\$51	
Air handling unit		\$26	
Hydronic hot water system		\$32	
Residential boiler (radiator or hydronic) includes piping		\$32	
Unit heaters (fuel type, not electric) in-wall, in-duct, suspended, etc.		\$26	
Vent for appliance other than furnace		\$22	
Alteration of existing HVAC system		\$32	
Other fuel appliances			
Decorative gas fireplace		\$26	
Flue vent for water heater or gas fireplace		\$22	
Wood / pellet stove		\$57	
Gas or wood fireplace / insert		\$57	
Chimney / liner / flue / vent		\$22	
Other:		\$32	
Environmental exhaust and ventilation			
Range hood / other kitchen equipment		\$14	
Clothes dryer exhaust		\$14	
Single-duct exhaust (bathrooms, toilet compartments, utility rooms)		\$14	
Attic / crawl space fans		\$14	
Other:		\$32	
Gas fuel piping			
\$14 for the first four, \$2.57 for each additional. Please indicate number of fuel gas piping outlets below:			
Furnace, etc.			
Gas heat pump			
Wall / suspended / unit heater			
Water heater / boiler			
Fireplace			
Range			
Barbecue			
Clothes dryer			
Other:			
Other appliances			
Including oil tanks, gas and diesel generators, gas and electric kilns, gas appliances / equipment not included above		\$32	
Mechanical permit fees			
		Subtotal	
		Minimum permit fee (\$95)	
		Commercial plan review (60% of permit fee)	
		State surcharge (12% of permit fee)	
		TOTAL PERMIT FEE	

RS Permit/No Fees Due

Residential Combo permit subcontractor submittals only can be faxed to 503-823-7693 or e-mailed to BDSCombInspSec@portlandoregon.gov.

Life Safety Checksheet Response

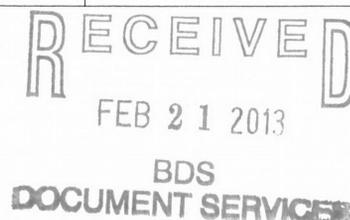
Permit #: 13-103862-000-00-CO

Date: 2/21/13

Customer name and phone number: KEVIN WEARE 206 795 2629

Note: In the spaces below, please provide specific information concerning the changes that you have made in response to the checksheet. Note the checksheet item number, your response or a description of the revision, and the location of the change on the plans (i.e. page number and/or detail number). Use as many lines as needed. If the item is not in response to a checksheet, write "Applicant" in the column labeled "Checksheet item number."

Checksheet item number	Description of changes, corrections, additions, etc.	Location on plans
APPLICANT	The ductwork has been changed and adjusted to reflect the new locations of the RTUs based on the LL information received.(REV#2)	MP1
APPLICANT	Two transfer grilles have been added to allow airflow from stockroom into sales floor plenum for RTU return.(REV#2)	MP1
APPLICANT	Keynote 6 has been updated to reflect new RTU layout(REV#2)	MP1
APPLICANT	Keynote 9 has been added to account for airflow and RTU locations. (REV#2)	MP1
1	Ductwork in the area of the sprinkler and electrical room has been modified. (REV#3)	MP1
APPLICANT	The Existing RTU Schedule has been changed and adjusted to reflect information received from the LL. (REV#2)	MP2
APPLICANT	Changed RTU layout based on landlord information and locations. (REV#2)	E1
APPLICANT	Security dome ceiling receptacle location changed by entrance (REV #3)	E1
1	Modified lighting layout due to elimination of hallway. (REV#3)	E2
APPLICANT	Security dome ceiling receptacle location changed by entrance (REV #3)	E2
APPLICANT	Circuit number revised on front signage to match panel schedule (REV#3)	E2
APPLICANT	Added keynote 16 for Electrical and Fire Riser rooms lighting control (REV #3)	E3
APPLICANT	Changed MDP panel schedule to reflect the RTU information received from the landlord.(REV#2)	E3
1	Revised loads in panel "L" as a result of lighting changes. (REV#3)	E3



Subject: Plan Review 13-103862

From: "Baker, Jim" <Jim.Baker@portlandoregon.gov>

Date: 2/11/2013 1:11 PM

To: "Kevin Weare" <kevincds@columbia-sentinel.com>

Kevin,

I have confirmed that the installation of a premise-isolation backflow preventer at the new Dollar Tree on Hayden Meadows Drive.

You may respond to the checksheet by stating that such PI backflow protection has been installed under the demolition permit.

Thank you.

Jim Baker

Water Quality Inspector

Portland Water Bureau

1900 N Interstate Ave. B320M

Portland, OR 97227

503-823-7480

Jim.Baker@PortlandOregon.gov

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BDS
DOCUMENT SERVICES



COMcheck Software Version 3.9.1

Interior Lighting Compliance Certificate

2010 Oregon Energy Efficiency Specialty Code

Section 1: Project Information

Project Type: **Alteration**
Project Title : Dollar Tree

Construction Site:
1132 North Hayden Meadows Drive
Portland, OR

Owner/Agent:
Dollar Tree
OR

Designer/Contractor:
Jay Rohkohl
Dunham Associates
50 S. 6th Street
Suite 1100
Minneapolis, MN 55401
612-465-7550

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B x C)
Sales (Retail:Sales Area) (Ceiling Height 15 ft.)	9962	1.5	14943
Stockroom (Warehouse:Medium/Bulky Material Storage) (Ceiling Height 15 ft.)	1539	0.81	1247
Hallways 1 & 2 (Common Space Types:Corridor/Transition) (Ceiling Height 15 ft.)	149	0.41	61
Restroom 1 & 2 (Common Space Types:Restrooms) (Ceiling Height 8 ft.)	166	0.82	136
Office (Common Space Types:Office - Enclosed) (Ceiling Height 8 ft.)	99	0.97	96
Electrical Room (Common Space Types:Electrical/Mechanical) (Ceiling Height 15 ft.)	62	1.24	77
Fire Riser Room (Common Space Types:Electrical/Mechanical) (Ceiling Height 15 ft.)	25	1.24	31
Total Allowed Watts =			16591

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Sales (Retail:Sales Area 9962 sq.ft.)				
Linear Fluorescent 1: A/A1: 4 Ft 1-lamp tandem strip / 48" T8 32W / Electronic	2	142	64	9088
Linear Fluorescent 2: B/B1: 4 Ft 1-lamp strip / 48" T8 32W / Electronic	1	12	32	384
Stockroom (Warehouse:Medium/Bulky Material Storage 1539 sq.ft.)				
Linear Fluorescent 1: A/A1: 4 Ft 1-lamp tandem strip / 48" T8 32W / Electronic	2	6	64	384
Linear Fluorescent 2: B/B1: 4 Ft 1-lamp strip / 48" T8 32W / Electronic	1	2	32	64
Hallways 1 & 2 (Common Space Types:Corridor/Transition 149 sq.ft.)				
Linear Fluorescent 2: B/B1: 4 Ft 1-lamp strip / 48" T8 32W / Electronic	1	3	32	96
Restroom 1 & 2 (Common Space Types:Restrooms 166 sq.ft.)				
Linear Fluorescent 2: B/B1: 4 Ft 1-lamp strip / 48" T8 32W / Electronic	1	2	32	64
Office (Common Space Types:Office - Enclosed 99 sq.ft.)				
Linear Fluorescent 1: A/A1: 4 Ft 1-lamp tandem strip / 48" T8 32W / Electronic	2	1	64	64
Electrical Room (Common Space Types:Electrical/Mechanical 62 sq.ft.)				
Linear Fluorescent 2: B/B1: 4 Ft 1-lamp strip / 48" T8 32W / Electronic	1	1	32	32
Fire Riser Room (Common Space Types:Electrical/Mechanical 25 sq.ft.)				
Linear Fluorescent 2: B/B1: 4 Ft 1-lamp strip / 48" T8 32W / Electronic	1	1	32	32

2
13-103875-00

Section 4: Requirements Checklist

In the following requirements, the relevant code section reference is shown in []. '+' denotes that more details exist in the specified code section. Checkboxes identify requirements that the applicant has not acknowledged as being met. Check marked requirements identify those the applicant acknowledges are met or excepted from compliance. 'Plans reference page/section' identifies where in the plans/specs the requirement can be verified as being satisfied.

Lighting Wattage:

1. [505.1 +] Total proposed watts must be less than or equal to total allowed watts.
Allowed Wattage: 16591 Proposed Wattage: 10208
Complies: YES

Mandatory Requirements:

2. [505.4] Exit signs. Internally illuminated exit signs shall not exceed 5 watts per side.
Plans reference page/section: _____
3. [505.2.2.3 +] Daylight zone control. All daylight zones are provided with individual controls that control the lights independent of general area lighting in the non-daylight zone. In all individual daylight zones larger than 350 sq.ft., automatic daylight controls is provided. Automatic daylight sensing controls reduce the light output of the controlled luminaires at least 50 percent, and provide an automatic OFF control, while maintaining a uniform level of illumination. Contiguous daylight zones adjacent to vertical fenestration may be controlled by a single controlling device provided that they do not include zones facing more than two adjacent cardinal orientations (i.e., north, east, south, west). Daylight zones under skylights shall be controlled separately from daylight zones adjacent to vertical fenestration.
Exception(s):
 Retail spaces adjacent to vertical glazing (retail spaces under overhead glazing are not exempt).
 Display, exhibition and specialty lighting
 HID lamps 150 watts or less.
 Spaces required to have occupancy sensors.
Plans reference page/section: _____
4. [505.2.1 +] Interior lighting controls. At least one local shutoff lighting control has been provided for every 2,000 square feet of lit floor area and each area enclosed by walls or floor-to-ceiling partitions. The required controls are located within the area served by the controls or are a remote switch that identifies the lights served and indicates their status.
Exception(s):
 Lighting systems serving areas designated as security or emergency areas that must be continuously lighted.
 Lighting in public areas such as concourses, stairways or corridors that are elements of the means of egress with switches that are accessible only to authorized personnel.
 Lighting for warehouses, parking garages or spaces using less than 0.5 watts per square foot.
 Lighting for contiguous, single-tenant retail spaces.
Plans reference page/section: _____
5. [505.2.3 +] Sleeping unit controls. Master switch at entry to hotel/motel guest room.
Plans reference page/section: _____
6. [505.2.1.1] Egress lighting. Egress illumination is controlled by a combination of listed emergency relay and occupancy sensors to shut off during periods that the building space served by the means of egress is unoccupied.
Exception(s):
 Building exits as defined in Section 1002 of the Oregon Structural Specialty Code.
Plans reference page/section: _____
7. [505.2.2 +] Additional controls. Each area that is required to have a manual control shall have additional controls that meet the requirements of Sections 505.2.2.1 and 505.2.2.2.
Plans reference page/section: _____
8. [505.2.2.1 +] Light reduction controls. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either
1) controlling (dimming or multi-level switching) all luminaires; or
2) dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps; or
3) switching the middle lamp luminaires independently of other lamps; or
4) switching each luminaire or each lamp.
Exception(s):

- Only one luminaire in space.
- An occupant-sensing device controls the area.
- The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
- Electrical and mechanical room.
- Areas that use less than 0.6 Watts/sq.ft.

Plans reference page/section: _____

9. [505.2.2.2] Buildings larger than 2,000 square feet are equipped with an automatic control device to shut off lighting in those areas. This automatic control device shall function on either:
- 1) a scheduled basis, using time-of-day, with an independent program schedule that controls the interior lighting in areas that do not exceed 10,000 square feet and are not more than one floor; or
 - 2) an occupant sensor that shall turn lighting off within 30 minutes of an occupant leaving a space; or
 - 3) a signal from another control or alarm system that indicates the area is unoccupied.

Exception(s):

- Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.

Plans reference page/section: _____

10. [505.2.2] Occupancy sensors in rooms that include daylight zones are required to have Manual ON activation.

Plans reference page/section: _____

11. [505.2.2] An occupant sensor control device is installed that automatically turns lighting off within 30 minutes of all occupants leaving a space.

Exception(s):

- Classrooms and lecture halls.
- Conference, meeting and training rooms.
- Employee lunch and break rooms.
- Rooms used for document copying and printing.
- Office spaces up to 300 square feet.
- Restrooms.
- Dressing, fitting and locker rooms.

Plans reference page/section: _____

12. [505.2.2] Additional controls. An occupant sensor control device that automatically turns lighting off within 30 minutes of all occupants leaving a space or a locally activated switch that automatically turns lighting off within 30 minutes of being activated is installed in all storage and supply rooms up to 1000 square feet.

Plans reference page/section: _____

13. [505.2.2.2.1] Occupant override. Automatic lighting shutoff operating on a time-of-day scheduled basis incorporates an override switching device that: 1) is readily accessible, 2) is located so that a person using the device can see the lights or the area controlled by that switch, or so that the area being lit is annunciated, 3) is manually operated, 4) allows the lighting to remain on for no more than 2 hours when an override is initiated, and 5) controls an area not exceeding 2,000 square feet.

Exception(s):

- In malls and arcades, auditoriums, single-tenant retail spaces, industrial facilities and arenas, where captive-key override is utilized, override time is permitted to exceed 2 hours.
- In malls and arcades, auditoriums, single-tenant retail spaces, industrial facilities and arenas, the area controlled shall not exceed 20,000 square feet.

Plans reference page/section: _____

14. [505.2.2.2.2] Holiday scheduling. Automatic lighting shutoff operating on a time-of-day scheduled basis has an automatic holiday scheduling feature that turns off all loads for at least 24 hours, then resumes the normally scheduled operation.

Exception(s):

- Retail stores and associated malls, restaurants, grocery stores, places of religious worship, theaters and exterior lighting zones.
- Single zone electronic time control devices and self-contained wall box preset lighting controls.

Plans reference page/section: _____

15. [505.2.4 +] Exterior lighting controls. Lighting not designated for dusk-to-dawn operation shall be controlled by either a combination of a photosensor and a time switch, or an astronomical time switch. Lighting designated for dusk-to-dawn operation shall be controlled by an astronomical time switch or photosensor.

Plans reference page/section: _____

- 16. [505.3] Tandem wiring. The following luminaires located within the same area shall be tandem wired:
 - 1. Fluorescent luminaires equipped with one, three or odd-numbered lamp configurations, that are recess-mounted within 10 feet center-to-center of each other.
 - 2. Fluorescent luminaires equipped with one, three or any odd-numbered lamp configuration, that are pendant- or surface-mounted within 1 foot edge- to-edge of each other.

Exception(s):

- Where electronic high-frequency ballasts are used.
- Luminaires on emergency circuits.
- Luminaires with no available pair in the same area.

Plans reference page/section: _____

- 17. [505.5.1 +] Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.

Plans reference page/section: _____

- 18. [505.7 +] Each dwelling unit in a building is metered separately.

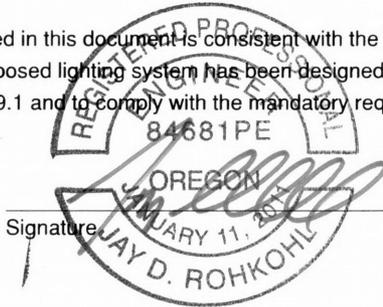
Plans reference page/section: _____

Interior Lighting PASSES

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2010 Oregon Energy Efficiency Specialty Code requirements in COMcheck Version 3.9.1 and to comply with the mandatory requirements in the Requirements Checklist.

Jay D Rohkohl, PE
Name - Title



Signature

1/4/13
Date

EXPIRES: