



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

B-218550-RS

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.: 13-70-7258 Job address: 2037 NE Alameda St.

City/State/ZIP: Portland, OR 97212

Suite/bldg./apt. no.: Project name: Skillern

Cross street/directions to job site: NE 21st Ave and NE Humblet St.

Subdivision: Lot no. Tax map/parcel no.

Description of work

Seismic work. SEE ATTACHED FOR FULL description of work.

Provide RS Permit no.

Property owner Tenant

Name: E-mail:

Address:

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

Business name: Neil Kelly E-mail:

Address: 804 N Alberta

City/State/ZIP: Portland, OR 97217

Phone: 503-288-7461 FAX: 503-288-7464

CCB lic. no. 16603

Authorized signature:

Print name: Date:

Applicant **Contact Person**

Business name: Neil Kelly

Contact name:

Address: 804 N Alberta

City/State/ZIP: Portland, OR 97217

Phone: 503-288-7461 FAX: 503-288-7464

E-mail:

Authorized signature:

Print name: Date:

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.

Valuation:	4057 2,504
Number of bedrooms:	4
Number of bathrooms:	1.5
Total number of floors:	1.5
New dwelling area:	square feet
Garage/carport area:	square feet
Covered porch area:	square feet
Deck area:	square feet
Other structure area:	square feet

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.

Valuation:	
Existing building area:	square feet
New building area:	square feet
Number of stories:	
Type of construction:	
Occupancy groups	
Existing:	
New:	

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)

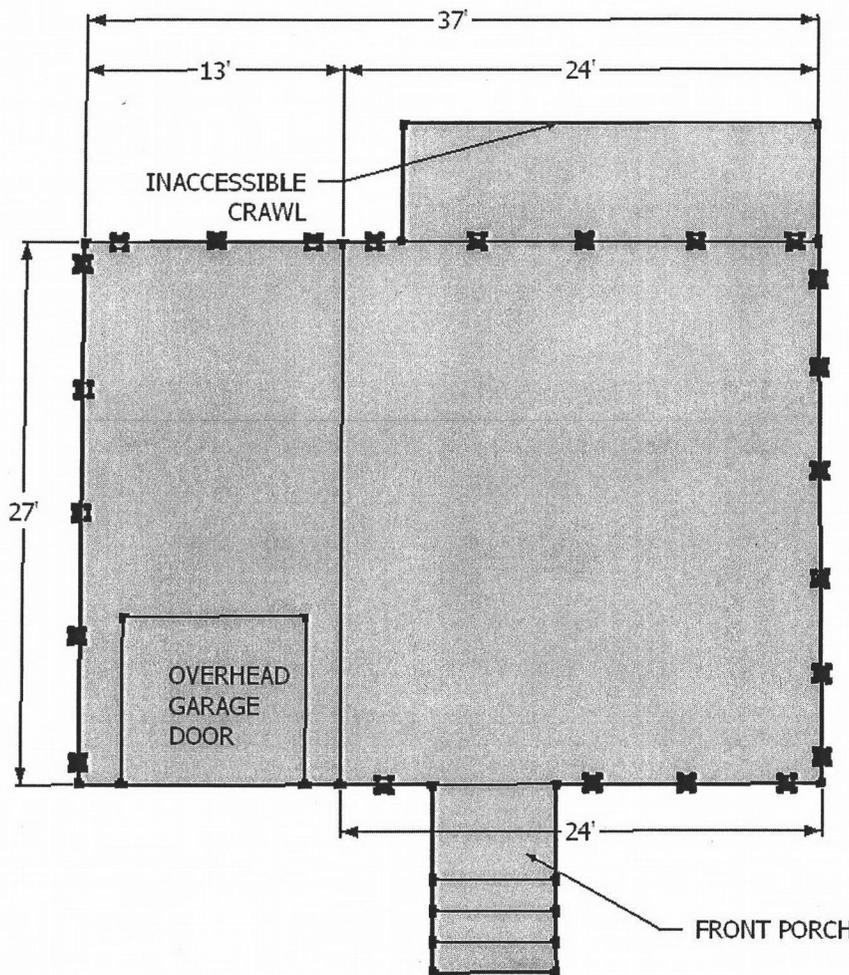
Building Permit Fees*

Please refer to fee schedule

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 BDSSublabels@portlandoregon.gov.

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PREPARED FOR:
 SKILLERN FAMILY
 2037 NE ALAMEDA ST.
 PORTLAND, OR, 97212

23 UFPs
 83 A35s

13-218550-RS

City of Portland
 REVIEWED FOR CODE
 COMPLIANCE
 OCT 18 2013
 Permit Number _____



PREPARED ESPECIALLY FOR:

SKILLERN FAMILY

2037 NE ALAMEDA ST. PORTLAND, OR. 97211

APRIL 8TH, 2013

I. Site protection and Set up fees

- Site protection and set up fees. Including lead testing and disposal

II. Seal and insulate the Rim joist

- Seal and insulate to R22 rim joist pockets found at the lower level
- Areas that are finished will require removal of ceiling tiles. At customers request replace tiles with new for cost of materials and handling.
- Install vapor permeable contact barrier at insulated joist spaces.

III. Seismic Retrofit.

- Prepare general Seismic retrofit plan with best practices and general insurance criteria specifications and requirements in mind.
- In Portland, OR. there is a significant number of homes that do not meet earthquake safety codes. To adequately protect this home we recommend foundation retrofitting as a viable and necessary step.
- Your home is Ideal for retrofit in that most areas are unfinished and accessible.
- A home that has been retrofitted is able to resist much greater earthquake forces and has lower risk of being damaged.
- Certain areas of the Rim Joist areas are finished with paper composite tiles that will be removed in the insulation process.
- Secure mudsill to foundation with Qty. 34 Universal Foundation Plates. Every 5 feet.
- Fasteners to mudsill are Simpson SDS 3" screws Qty. 170
- Fasteners to foundation concrete are Simpson SDS Titan HD 5" Anchors with 1/2" roto-hammer drill
- The concrete as visually inspected looks sound and capable of sustaining anchor bolts if however we find weak points and or voids in the foundation. Special epoxy expanding anchors will need to be used and this will add an additional cost of \$21 per anchor for labor, inspection and install.

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- Install Qty. 131 Simpson A35 framing angle at the Rim joist to Mudsill connection points. Fasteners Qty. 1574 8d x1.5" Nails
- Install Simpson AC post caps at all existing posts.
- Install automatic Gas Shut Off Valve
- Strapping at water heater.
- Clean up and leave site in broom swept condition.

****Clean Energy Pilot Seismic Program Incentive Discount Less 75% ****

Total cost of investment:

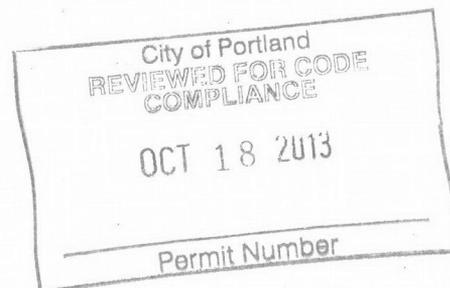
Total cost after rebates and **participant discount:

These Costs are based on FEMA approval in Pilot Program

Cole, Cirton
Home Performance Specialist
Neil Kelly Company
503-380-3026
Cole@neilkelly.com

Accepted - Owner

Neil Kelly to process all incentive paperwork, incentives and credits are estimates. Incentives and tax credits are not guaranteed, based on eligibility and tax liability. Verify with you tax consultant.



UFP Universal Foundation Plate

The UFP provides a retrofit method to anchor the mudsill to the side of the foundation in applications where minimum vertical clearance exists. The UFP is also designed to perform when the mudsill is offset from the foundation up to 2 1/2" or extended beyond the foundation up to 1/2".

The UFP may be used in place of the FA, HFA and FAP connectors.

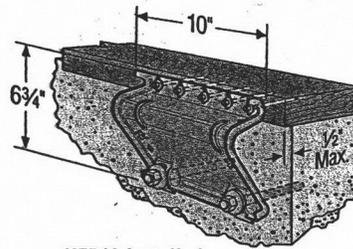
MATERIAL: 14 gauge

FINISH: Galvanized. May be ordered HDG, contact Simpson Strong-Tie. See Corrosion Information, page 14-15.

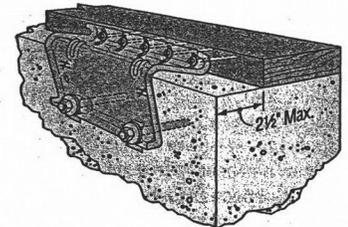
INSTALLATION: • Use all specified fasteners; see General Notes.

- Loads are based on test results using Simpson Strong-Tie® SDS 1/4"x3" screws, which are supplied with the UFP10.
- Alternate lag screws will not achieve published loads.

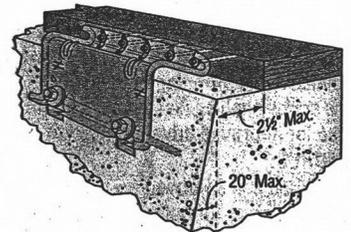
CODES: See page 13 for Code Reference Key Chart.



UFP10 installed on a Straight Foundation with 1/2" Offset Mudsill



UFP10 installed on a Straight Foundation



UFP10 installed on a Trapezoid Foundation

U.S. Patent
5,732,519

Model No.	Max Spacing to replace Anchor Bolt 1/2" or 3/4" dia.	Fasteners			Allowable Load DF/SP Parallel to Plate (160)	Code Ref.
		Anchor Bolt Qty.	Anchor Bolt Dia.	Plate		
UFP10-SDS3	6'	2	1/2"	5-SDS 1/4"x3"	1340	I20, L10, F19

1. Allowable loads have been increased for wind or earthquake loading with no further increase allowed; reduce where other load durations apply.
2. Each anchor bolt requires a standard cut washer, see technical bulletin T-ANCHORSPEC for more information.
3. Designer must specify anchor bolt type, length and embedment.

FAP/FJA/FSA Foundation Anchors

The FAP Plate connects the mudsill to the foundation, and is designed to provide lateral load resistance.

The FJA Foundation Joist Anchor nails or bolts directly into floor joists, providing a direct connection between the foundation and joist to resist uplift and lateral forces.

FSA Foundation Stud Anchor nails or bolts to floor joists, or nails to the stud. Plywood sheathing may require notching with stud-to-foundation installation. See technical bulletin T-ANCHORSPEC for anchoring solutions.

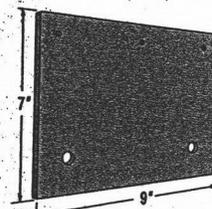
MATERIAL: FAP—7 gauge; all others—12 gauge

FINISH: Galvanized. May be ordered HDG, contact Simpson Strong-Tie. See Corrosion Information, page 14-15.

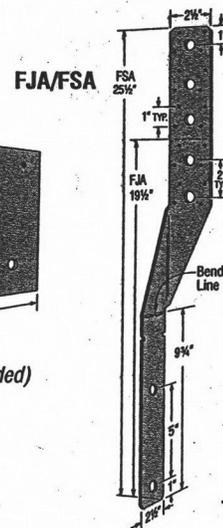
INSTALLATION:

- Use all specified fasteners; see General Notes.
- FSA may be bent along bend line up to 20° to accommodate installation. Bend one time only.

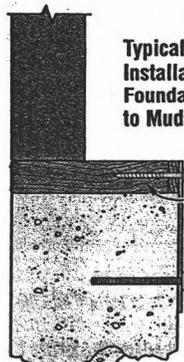
CODES: See page 13 for Code Reference Key Chart.



FAP (screws not included)



Typical FAP Installation Foundation to Mudsill



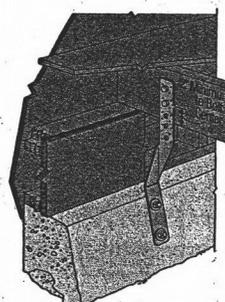
SDS screw with a length of 2 1/2" plus shim thickness

Add a shim between plate and sill when space is between 3/16" and 1 1/2". When space exceeds 1 1/2" use the UFP. The shim must be fastened to the mudsill by means other than the FAP SDS wood screw.

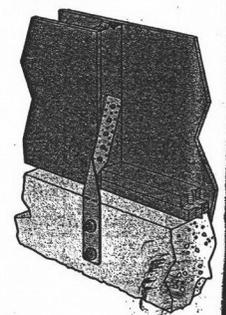
These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

Model No.	Max Spacing to Replace Anchor Bolts		Anchor Bolt Qty.	Anchor Bolt Dia.	Fasteners Stud/Joist/Plate	Allowable Loads DF/SP (160)			Code Ref.
	1/2"	3/4"				Uplift	F ₁	F ₂	
FAP	5 1/2'	4'	2	1/2"	3-SDS 1/4"x2 1/2" + shim thickness	—	950	365	—
FJA	—	—	2	1/2"	8-10d x 1 1/2"	1205	185	60	I20, L10, F19
FSA	—	—	2	1/2"	8-10d x 1 1/2"	1205	—	—	I20, L10, F19
					2-1/2" MB	690	185	60	
FSA	—	—	2	1/2"	8-10d x 1 1/2"	1205	—	—	I20, L10, F19
					2-1/2" MB	690	—	—	

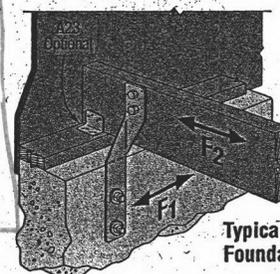
1. Allowable loads have been increased for wind or earthquake loading with no further increase allowed; reduce where other load durations govern.
 2. For redwood mudsills, reduce F₁ on FAP to 840 lbs.
 3. Spacing to be specified by the Designer.
 4. FAP shall use a minimum SDS wood screw length of 2 1/2" plus the shim thickness.
 5. The shim must be fastened to the mudsill by means other than the FAP SDS wood screw.
 6. FAP may be installed with 1/4" HDG lag bolts. Follow code requirements for predrilling.
 7. **NAILS:** 10d x 1 1/2" = 0.148" dia. x 1 1/2" long.
- See page 22-23 for other nail sizes and information.



Typical FSA Installation Foundation to Joist



Typical FSA Installation Foundation to Stud



Typical FJA Installation Foundation to Joist

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