



WHATCOM COUNTY
PRELIMINARY STORMWATER
PROPOSAL

Return to: ENGINEERING SERVICES
 5280 Northwest Drive
 Bellingham, WA 98226-9013
 Phone: 360.676.6730
 Fax: 360.676.6558

FOR COUNTY USE ONLY	
Project/	_____
Permit No:	_____
Date	_____
Received:	_____

Project Name: Jim Dandy Candy, ADM2009-00000
 Project location/address: 6805 Another Road, Ferndale, WA 98248
 Tax parcel no(s): 3901114561230000

	Owner	Contact Person
Name:	<u>Jim Dandy</u>	<u>same</u>
USPO Address:	<u>6805 Another Road</u> <u>Ferndale, WA 98248</u>	_____
Email Address:	<u>Jim@DandyCandy.com</u>	_____
Telephone No:	<u>360-398-YUMM</u>	_____

All entities proposing a "development" (as defined in *Whatcom County Development Standards* Chapter 2 (WCDSC2) Appendix III), shall submit this form, **plus a Site Plan as noted on page 2**, with the proposed development-related application, unless (1) the project qualifies as a "small development" per *Whatcom County Code* (WCC) 20.80.632, or (2) WCDSC2 Section 203 explicitly exempts the proposed development, or (3) the proposed development fails to meet any of the three WCDSC2 Section 213.C threshold criteria for County review. *Preliminary Stormwater Proposal* packages must clearly indicate the relationship between the proposed development and the local drainage related features.

If the County determines that a submitted *Preliminary Stormwater Proposal* package does not present sufficient detail and clarity, the County will return the package, with comments, to the above named Contact Person.

Project Description: Home cottage industry business proposed to be moved/installed north of my house on the same parcel in a new 3000 square foot building with 3000 square feet of parking/driveway area.

Total area of parcel(s) involved in project: 78000 square feet (SF)

Impervious* areas summary: *water can't easily penetrate	Already existing on Parcel(s):	<u>5750</u> SF
	Net Change (+/-) as result of Project:	<u>6000</u> SF
	Total (once Project complete):	<u>11750</u> SF

Potential upstream and downstream impacts: no impacts

Previous stormwater report or plans approved by County?: Yes No
If yes, attached?: Yes No

SITE PLAN REQUIREMENTS

- A **vicinity map** that marks project parcel/s location relative to nearest city.
- Single or multiple **drawing/s**, fully dimensioned to an appropriate scale/s, that show and/or describe the following:
 - North arrow [all sheets], and
 - Graphical scale/s [all sheets], and
 - Project-related land disturbing activities (location, nature, and extent), including clearing and grading, and where the answer to a question in the following table is "YES":

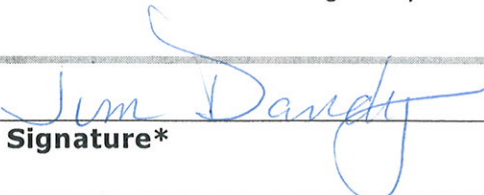
Item to show and/or describe on drawing/s	Existing?		Any proposed changes to existing?		Any proposed new?	
	YES	NO	YES	NO	YES	NO
• Parcel/s boundaries	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
• Natural drainages	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
• General steepness, e.g., topographic lines	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
• Stormwater flow directional arrows	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
• Vegetative cover	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
• Soils	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>		
• Parcel/s access location/s	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Wet or soggy areas, e.g., bogs, swamps	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Fish habitat	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Channels	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• On-parcel impervious surface areas, e.g., roofs, gravel and conventional asphalt and concrete driveways and parking areas (location and footprint area in square feet)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Utilities, above ground	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Utilities, below ground	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Stormwater management facilities, e.g., culverts, catch basins, swales, including those within ¼ mile downstream of project site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Stormwater quality treatment facilities, e.g., rain gardens, bioinfiltration swales, grass filter strips	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
• Stormwater quantity control facilities, e.g., detention, retention, dispersion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
• Off-parcel impervious surface areas (location and footprint area in square feet)			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- A **list** (may be integrated on drawing above) that identifies and sizes (in square feet):
 - All existing on-parcel(s) impervious areas, together with their respective project-related disposition (e.g., retain as is, decrease, enlarge, remove), plus
 - All new project-related on-parcel(s) and off-parcel(s) impervious areas.

- A **drawing** (may be integrated with drawing above) that shows proposed methods for controlling erosion and sedimentation during and after construction. See *WSDOE Stormwater Management Manual for Western Washington*, Volume II, Chapter 4 (www.ecy.wa.gov/biblio/0510030.html) and WCDSC2 Section 206, Stormwater Management.

The **County Engineer**, or his/her designee, will review all the necessary stormwater information and either accept the initial submission as final, or require the applicant to submit a more detailed *Stormwater Design Report*. Applicant may submit a detailed *Stormwater Design Report* in lieu of a *Preliminary Stormwater Proposal*.

Jim Dandy
Printed Name*


Signature*

Oct 1, 2009
Date

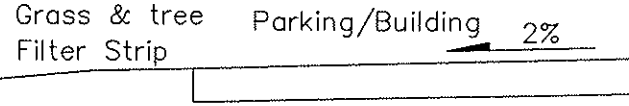
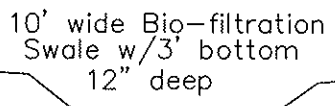
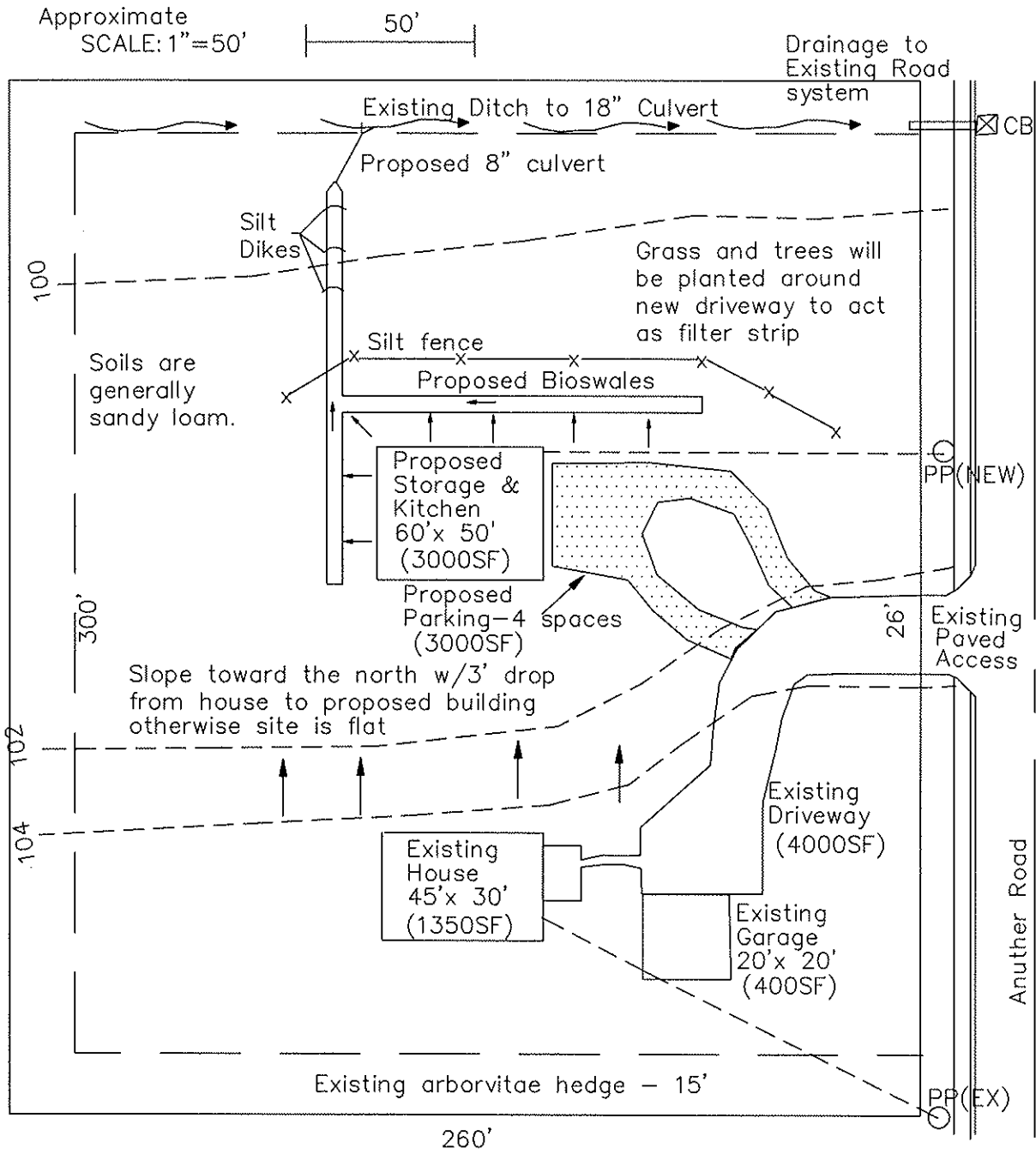
*of person who prepared form

SMALL COMMERCIAL DEVELOPMENT SITE PLAN EXAMPLE

APPLICANT:

NAME Jim Dandy — Jim Dandy Candy ASSESSOR PARCEL# 390111 456123 0000

Approximate
SCALE: 1"=50'



Impervious Surfaces		Building	Parking/Rd	TOTALS
No previous drainage report approval. All existing to remain.	Existing	1,750	4,000	5,750
	Proposed (S.F.)	3,000	3,000	6,000
				11,750

SINGLE SITE COTTAGE INDUSTRY DEVELOPMENT EXAMPLE

Preliminary Stormwater Report
Applicant: Jim Dandy Candy
Parcel # 390112 456123 0000

Site Description

Jim Dandy Candy currently operates with 2 employees (me & my wife) in the existing house. The business is growing and needs to expand. The proposed building is 60'x50' with additional parking for 2 more employees and wholesale customers. The new parking lot is proposed as gravel but will be paved in the next year or two.

The new bio-infiltration swales will be constructed along the new parking area. The bio-infiltration swales will discharge through an 8" pipe to the existing 2' deep ditch that runs along the north edge of the property. The soil is a well draining sandy loam and is not likely that any water will leave through the pipe. There is only water in the north ditch after a heavy rain.

The site is relatively flat but slopes slightly toward the north where the ditch is located. A 10' wide, 15' high planted hedge surrounding the property will remain.

There are no known problems up stream in or with the ditch

Erosion Control:

The bio-infiltration swales will be hand seeded when completed. Straw will be kept on site to cover bare soil as needed in 3" depths or more.