City of Springfield Development & Public Works 225 Fifth Street Springfield, OR 97477



# **Major Replat Tentative Plan**

Application Type						check one)
Replat Major Tentative Pre-Su	<u>bmittal:</u>		Replat Majo	<u>r Tent</u>	ative Subm	nittal:
<b>Required Project Information</b>	on		(Applica	nt: co	omplete th	is section)
Applicant Name:				Ph	one:	
Company:				E-ı	mail:	
Address:						
Applicant's Rep.:				Ph	one:	
Company:				E-ı	mail:	
Address:						
PROPERTY	<b>1 (</b> See P	age 2 to	add additional	propert	ties)	
Assessor's Map#:				Та	x Lot:	
Property Address:						
Property Owner:				Pi	none:	
Address:				E-	·Mail:	
Name of Subdivision:						
Description of If you are filling in this Proposal:	is form by ha	and, please	e attach your propos	sal descri	ption to this app	ication.
# of Lots/Parcels: Av	g. Lot/P	arcel S	Size:	sf <b>D</b>	ensity:	du/acre
Signatures: Please sign and prin	t your na	me and	I date in the ap	propri	ate box on p	age 3.
<b>Required Project Information</b>	on	(Ci	ty Intake St	aff: co	omplete th	is section)
Associated Applications:				Signs	:	
Pre-Sub Case No.:		Date:		Revie	ewed by:	
Case No.:		Date:		Revie	ewed by:	
Application Fee: \$	Tech	nnical I	Fee: \$		Postage F	ee: \$
TOTAL FEES: \$			PROJECT NU	MBER	X:	

### **Additional Properties:**

	PROPERTY 2	
Assessor's Map #:	Tax Lot #:	
Property Address:		
Property Owner:	Phone:	
Company:	E-mail:	
Address:		
	PROPERTY 3	
Assessor's Map #:	Tax Lot #:	_
Property Address:		_
Property Owner:	Phone:	
Company:	E-mail:	
Address:		

Revised 10.14.13 KL 2 of 12

### **Owner Signatures**

This application form is used for both the required pre-submittal meeting and subsequent complete application submittal. Owner signatures are required at both stages in the application process.

# An application without the Owner's original signature will not be accepted. Property 1:

<b>Propert</b>	y 1:		
Pre-Sub	omittal		
	The undersigned acknowledges that the information in this application is correct and accurate for scheduling of the Pre- Submittal Meeting. If the applicant is not the owner, the owner hereby grants permission for the applicant to act in his/her behalf. I/we do hereby acknowledge that I/we are legally responsible for all statutory timelines, information, requests and requirements conveyed to my representative.		
Owner:			
	Date:		
	Signature		
	Print		
Propert	y 2:		
Pre-Sub	omittal		
	The undersigned acknowledges that the information in this application is correct and accurate for scheduling of the Pre- Submittal Meeting. If the applicant is not the owner, the owner hereby grants permission for the applicant to act in his/her behalf. I/we do hereby acknowledge that I/we are legally responsible for all statutory timelines, information, requests and requirements conveyed to my representative.		
Owner:			
	Date:		
	Signature		
	Print		
Propert			
Pre-Sub	omittal		
	The undersigned acknowledges that the information in this application is correct and accurate for scheduling of the Pre- Submittal Meeting. If the applicant is not the owner, the owner hereby grants permission for the applicant to act in his/her behalf. I/we do hereby acknowledge that I/we are legally responsible for all statutory timelines, information, requests and requirements conveyed to my representative.		
Owner:			
	Date:		
	Signature		
	Print		

Revised 10.14.13 KL 3 of 12

**Property 1:** Submittal I represent this application to be complete for submittal to the City. Consistent with the completeness check performed on this application at the Pre-Submittal Meeting, I affirm the information identified by the City as necessary for processing the application is provided herein or the information will not be provided if not otherwise contained within the submittal, and the City may begin processing the application with the information as submitted. This statement serves as written notice pursuant to the requirements of ORS 227.178 pertaining to a complete application. Owner: \_\_\_\_\_\_Date: \_\_\_\_\_ Signature Print \_\_\_\_\_ **Property 2:** Submittal I represent this application to be complete for submittal to the City. Consistent with the completeness check performed on this application at the Pre-Submittal Meeting, I affirm the information identified by the City as necessary for processing the application is provided herein or the information will not be provided if not otherwise contained within the submittal, and the City may begin processing the application with the information as submitted. This statement serves as written notice pursuant to the requirements of ORS 227.178 pertaining to a complete application. Owner: Date: Signature Print **Property 3:** Submittal I represent this application to be complete for submittal to the City. Consistent with the completeness check performed on this application at the Pre-Submittal Meeting, I affirm the information identified by the City as necessary for processing the application is provided herein or the information will not be provided if not otherwise contained within the submittal, and the City may begin processing the application with the information as

submitted. This statement serves as written notice pursuant to the requirements of ORS 227.178 pertaining to a complete application.

#### Owner:

	Date:
Signature	
3	
Print	

Revised 10.14.13 KL 4 of 12

### **Major Replat Tentative Application Process**

#### Applicant Submits a Major Replat Tentative Application for Pre-Submittal

- The application must conform to the *Replat Tentative Submittal Requirements Checklist* on pages 4-6 of this application packet.
- A pre-submittal meeting to discuss completeness is mandatory, and pre-submittal meetings are conducted every Tuesday and Friday, from 10:00 am noon.
- Planning Division staff strives to conduct pre-submittal meetings within five to seven working days of receiving an application.

### > Applicant and the City Conduct the Pre-Submittal Meeting

- The applicant, owner, and design team are strongly encouraged to attend the presubmittal meeting.
- The meeting is held with representatives from Public Works Engineering and Transportation, Community Services (Building), Fire Marshall's office, and the Planning Division and is scheduled for 30 to 60 minutes.
- The Planner provides the applicant with a Pre-Submittal Checklist specifying the items required to make the application complete if it is not already complete, and the applicant has 180 days submit a complete application to the City.

#### Applicant Submits a Complete Application, City Staff Review the Application and Issue a Decision

- A complete application must conform to the *Major Replat Tentative Submittal Requirements Checklist* on pages 4-6 of this application packet.
- A Type II decision, made after public notice, but without a public hearing, unless appealed, is issued within 120 days of submittal of a complete application.
- Mailed notice is provided to property owners and occupants within 300 feet of the property being reviewed and to any applicable neighborhood association. In addition, the applicant must post one sign, provided by the City, on the subject property.
- There is a 14-day public comment period, starting on the date notice is mailed.
- Applications are distributed to the Development Review Committee, and their comments are incorporated into a decision that addresses all applicable approval criteria and/or development standards, as well as any written comments from those given notice.
- Applications may be approved, approved with conditions, or denied.
- At the applicant's request, the Planner can provide a copy of the draft *Major Replat Decision* prior to issuing the final land use decision.
- The City mails the applicant and any party of standing a copy of the decision, which is effective on the day it is mailed.
- The decision issued is the final decision of the City but may be appealed within 15 calendar days to the Planning Commission or Hearings Official.

Revised 10.14.13 KL 5 of 12

# **Major Replat Tentative Submittal Requirements Checklist**

### NOTE:

	<u>ALL</u> of the following items <u>MUST</u> be submitted for <u>BOTH</u> Pre-Submittal and Submittal for all Major Replats.
•	If you feel an item on the list below does not apply to your specific application, please state the reason why and attach the explanation to this form.
	<b>Application Fee</b> – refer to the <i>Development Code Fee Schedule</i> for the appropriate fee calculation formula. A copy of the fee schedule is available at the Development & Public Works Department. Any applicable application, technology, and postage fees are collected at the pre-submittal and submittal stages.
	Major Replat Tentative Application Form
	<b>Narrative</b> explaining the purpose of the proposed development, the existing use of the property, and any additional information that may have a bearing in determining the action to be taken.
	Copy of the Deeds
	<b>Copy of a Preliminary Title Reports</b> issued within the past 30 days documenting ownership and listing all encumbrances.
	Copy of the Replat Plan Reduced to 8½"x 11", which will be mailed as part of the required neighboring property notification packet.
	<b>Right-of-Way Approach Permit Application</b> provided where the property has frontage on an Oregon Department of Transportation (ODOT) facility.
	Three (3) Copies of the Stormwater Management System Study with Completed Stormwater Scoping Sheet Attached - The plan, supporting calculations, and documentation must be consistent with the Engineering Design Standards and Procedures Manual.
	<b>Three (3) Copies of the Traffic Impact Study</b> prepared by a Traffic Engineer in accordance with SDC 4.2-105 A.4. Traffic Impact Studies (TIS) allow the City to analyze and evaluate the traffic impacts and mitigation of a development on the City's transportation system. In general, a TIS must explain how the traffic from a given development affects the transportation system in terms of safety, traffic operations, access and mobility, and immediate and adjoining street systems. A TIS must also address, if needed, City, metro plan and state land use and transportation policies and objectives.
	Four (4) Copies of the Following Plan Sets for <i>Pre-Submittal</i> OR Three (3) Copies of the Following Plan Sets for Submittal:
	All of the following plans must include the scale appropriate to the area involved and sufficient to show detail of the plan and related data, north arrow, and date of preparation.
	$\square$ All plan sets must be folded to $8\frac{1}{2}$ " by 11" and bound by rubber bands.
	a. Site Assessment of Existing Conditions
	☐ Prepared by an Oregon licensed Landscape Architect or Engineer

	Vicinity Map
	The name, location, and dimensions of all existing site features including buildings, curb cuts, trees, and impervious surface areas, clearly indicating what is remaining and what is being removed. For existing structures to remain, also indicate present use and required setbacks from proposed property lines.
	The name, location, dimensions, direction of flow and top of bank of all watercourses and required riparian setback that are shown on the Water Quality Limited Watercourse Map on file in the Development & Public Works Department
	The 100-year floodplain and floodway boundaries on the site, as specified in the latest adopted FEMA Flood Insurance Rate Maps or FEMA approved Letter of Map Amendment or Letter of Map Revision
	The Time of Travel Zones, as specified in SDC 3.3-200 and delineated on the Wellhead Protection Areas Map on file in the Development & Public Works Department
	Physical features including, but not limited to trees 5" in diameter or greater when measured 4 $\frac{1}{2}$ feet above the ground, significant clusters of trees and shrubs, riparian areas, wetlands and rock outcroppings
	Soil types and water table information as mapped and specified in the Soils Survey of Lane County. A Geotechnical Report prepared by an Engineer must be submitted concurrently if the Soils Survey indicates the proposed development area has unstable soils and/or a high water table
b.	Major Replat Tentative Plan
	Prepared by an Oregon licensed Land Surveyor
	City boundaries, the Urban Growth Boundary, and any special service district boundaries or railroad right-of-way which cross or abut the proposed replat.
	Location and width of all existing and proposed easements on and abutting the proposed Replat.
	Boundaries of entire area owned by the property owner, of which the proposed replat division is a part, as well as dimensions and size of each parcel and the approximate dimensions of each building site indicating the top and toe of cut and fill slopes to scale
	Location and type of existing and proposed street lighting, including type, height, and area of illumination
	Location, widths, conditions, and names of all existing and proposed streets, alleys, dedications or other right-of-ways within or adjacent to the proposed replat. Proposed streets should also include approximate radius of curves and grades and relationship to any projected streets as shown on the Metro Plan, TransPlan, Conceptual Development Plan, or Conceptual Local Street Map.
	Location of existing and required traffic control devices, fire hydrants, power poles, transformers, neighborhood mailbox units and similar public facilities
	Location and dimensions of existing and proposed driveways
	Location of existing and proposed transit facilities
	Location and width of all existing and proposed sidewalks, sidewalk ramps, pedestrian access ways and bike trails
	Location, size and type of plantings and street trees in any required planter strip

Revised 10.14.13 KL 7 of 12

Location and size of existing and proposed utilities on and adjacent to the sanitary sewer mains, stormwater management systems, water mains, telephone, and cable TV. Indicate the proposed connection points	_
☐ The locations of all areas to be dedicated or reserved for public use, with condition or limitations of the reservations clearly indicated	h the purpose,
☐ Future Development Plan where phasing or large lots/parcels are propos in SDC 5.12-120 E.	sed as specified
☐ The word "Major Replat" shall be shown in the title block	
☐ The name or reference number of the previous Plat and any additional reinformation shall be retained in the title of the Replat	ecording
☐ Blocks, lots/parcels and portions thereof which are being replatted shall where applicable	be identified,
Original Plat information being deleted, abandoned, or changed by the R shown in a distinct line type on the drawing with a note of explanation	Replat shall be
Any Replat of existing lots/parcels containing buildings shall show existing outlines including their setbacks from the proposed property lines and lo coverage requirements, where applicable	-
☐ If applicable, obtain conveyance approval from the mortgage holder	
c. Stormwater Management Plan	
<ul><li>c. Stormwater Management Plan</li><li>Prepared by an Oregon licensed Civil Engineer</li></ul>	
	e plants are
☐ Prepared by an Oregon licensed Civil Engineer ☐ Planting plan prepared by an Oregon licensed Landscape Architect where	e plants are
<ul> <li>□ Prepared by an Oregon licensed Civil Engineer</li> <li>□ Planting plan prepared by an Oregon licensed Landscape Architect where proposed as part of the stormwater management system</li> </ul>	e plants are
<ul> <li>□ Prepared by an Oregon licensed Civil Engineer</li> <li>□ Planting plan prepared by an Oregon licensed Landscape Architect where proposed as part of the stormwater management system</li> <li>□ Roof drainage patterns and discharge locations</li> </ul>	including but
<ul> <li>Prepared by an Oregon licensed Civil Engineer</li> <li>Planting plan prepared by an Oregon licensed Landscape Architect where proposed as part of the stormwater management system</li> <li>Roof drainage patterns and discharge locations</li> <li>Pervious and impervious area drainage patterns</li> <li>The size and location of stormwater management systems components, not limited to: drain lines, catch basins, dry wells and/or detention pond</li> </ul>	including but ls; stormwater ot intervals (for
<ul> <li>□ Prepared by an Oregon licensed Civil Engineer</li> <li>□ Planting plan prepared by an Oregon licensed Landscape Architect where proposed as part of the stormwater management system</li> <li>□ Roof drainage patterns and discharge locations</li> <li>□ Pervious and impervious area drainage patterns</li> <li>□ The size and location of stormwater management systems components, not limited to: drain lines, catch basins, dry wells and/or detention pond quality measures; and natural drainageways to be retained</li> <li>□ Existing and proposed spot elevations and contours lines drawn at 1 foot</li> </ul>	including but ls; stormwater ot intervals (for
<ul> <li>□ Prepared by an Oregon licensed Civil Engineer</li> <li>□ Planting plan prepared by an Oregon licensed Landscape Architect where proposed as part of the stormwater management system</li> <li>□ Roof drainage patterns and discharge locations</li> <li>□ Pervious and impervious area drainage patterns</li> <li>□ The size and location of stormwater management systems components, not limited to: drain lines, catch basins, dry wells and/or detention pond quality measures; and natural drainageways to be retained</li> <li>□ Existing and proposed spot elevations and contours lines drawn at 1 foot land with a slope over 10 percent, the contour lines may be at 5 foot interest.</li> </ul>	including but ls; stormwater ot intervals (for
<ul> <li>□ Prepared by an Oregon licensed Civil Engineer</li> <li>□ Planting plan prepared by an Oregon licensed Landscape Architect where proposed as part of the stormwater management system</li> <li>□ Roof drainage patterns and discharge locations</li> <li>□ Pervious and impervious area drainage patterns</li> <li>□ The size and location of stormwater management systems components, not limited to: drain lines, catch basins, dry wells and/or detention pond quality measures; and natural drainageways to be retained</li> <li>□ Existing and proposed spot elevations and contours lines drawn at 1 foot land with a slope over 10 percent, the contour lines may be at 5 foot int</li> <li>□ Amount of proposed cut and fill</li> </ul>	including but ds; stormwater of intervals (for tervals)
<ul> <li>□ Prepared by an Oregon licensed Civil Engineer</li> <li>□ Planting plan prepared by an Oregon licensed Landscape Architect where proposed as part of the stormwater management system</li> <li>□ Roof drainage patterns and discharge locations</li> <li>□ Pervious and impervious area drainage patterns</li> <li>□ The size and location of stormwater management systems components, not limited to: drain lines, catch basins, dry wells and/or detention pond quality measures; and natural drainageways to be retained</li> <li>□ Existing and proposed spot elevations and contours lines drawn at 1 food land with a slope over 10 percent, the contour lines may be at 5 foot int</li> <li>□ Amount of proposed cut and fill</li> <li>Additional Materials That May be Required</li> <li>IT IS THE APPLICANT'S RESPONSIBILITY TO DETERMINE IF ADDITING STANDARDS/APPLICATIONS APPLY TO THE PROPOSED DEVELOPME APPLICANT SHOULD CONSIDER UTILIZING PRE-DEVELOPMENT MEET</li> </ul>	including but ds; stormwater of intervals (for tervals)  IONAL ENT. THE ETINGS AS

Revised 10.14.13 KL 8 of 12

Riparian Area Protection Report for properties located within 150 feet of the top of bank of any Water Quality Limited Watercourses (WQLW) or within 100 feet of the top of bank of any direct tributaries of WQLW
A Geotechnical Report prepared by an engineer must be submitted concurrently if there are unstable soils and/or a high water table present
Where the development area is within an overlay district, address the additional standards of the overlay district
If five or more trees are proposed to be removed, a Tree Felling Permit as specified in SDC $5.19\text{-}100$
A wetland delineation approved by the Oregon Division of State Lands must be submitted concurrently where there is a wetland on the property
Any required federal or state permit must be submitted concurrently or evidence the permit application has been submitted for review
Where any grading, filling or excavating is proposed with the development, a Land and Drainage Alteration permit must be submitted prior to development
Where applicable, any Discretionary Use or Variance as specified in SDC 5.9-100 and 5.21-100
An Annexation application, as specified in SDC 5.7-100, where a development is proposed outside of the city limits but within the City's urban service area and can be served by sanitary sewer
All public improvements proposed to be installed and to include the approximate time of installation and method of financing

Revised 10.14.13 KL 9 of 12

## **CITY OF SPRINGFIELD, OREGON**



# 225 FIFTH STREET

SPRINGFIELD, OR 97477 PHONE: 541.726.3753 FAX: 541.736.1021 www.springfield-or.gov

#### **DEVELOPMENT AND PUBLIC WORKS**

December 6, 2013 REQUIRED STORMWATER SCOPING SHEET USE POLICY:

In October 2003, Springfield Public Works released a trial "stormwater scoping sheet," provided to help engineers and developers meet stormwater requirements in the Springfield Development Code (SDC) and Engineering Design Standards and Procedures Manual (EDSPM). After a five month trial period, it became apparent that users of the scoping sheet submitted much more complete applications than non-users. An added bonus was a decrease in the overall review time spent on the applications, resulting in quicker notice of decisions.

As a result of the benefits of the scoping sheets, the City has decided to make their use a mandatory process. Current city policy is that the use of stormwater scoping sheets is required for all applications which require development review. All applications submitted to the City shall provide a copy of a completed stormwater scoping sheet with the application packet. Attached with this letter is the latest version of the scoping sheet, which reflects changes requested by the development community.

PLEASE NOTE: SUBMITTED APPLICATIONS WILL NOW BE REQUIRED TO SUBMIT A COMPLETED STORMWATER SCOPING SHEET, STORMWATER STUDY AND PLANS IN CONFORMANCE WITH THE SCOPE REQUIREMENTS

#### DIRECTIONS FOR USING STORMWATER SCOPING SHEETS ARE AS FOLLOWS:

- 1.) Obtain scoping sheet from application packet, city website, or other location.
- 2.) Fill out project information (top half of front sheet) prior to commencement of work on stormwater study. (Note: Do not sign scoping sheet until it is received from the City with requirements checked.)
- 3.) Mail, fax, or email all pages to: City of Springfield, Development and Public Works Dept., Attn: Clayton McEachern.
- 4.) Receive completed scoping sheet (filled out by the City) indicating minimum requirements for a complete stormwater study.
- 5.) Include four (4) copies of complete scoping sheet (signed by engineer at the bottom of page 2), stormwater study and plans that comply with the minimum required scope with submittal of application packet. The scoping sheet shall be included as an attachment, inside the front cover of the stormwater study.

Stormwater scoping sheets can be found with all application packets (City website and the DPW front counter) as well as on the *Engineering and Construction Resources webpage* located at: <a href="http://www.springfield-or.gov/DPW/EngineeringandConstructionResources.htm">http://www.springfield-or.gov/DPW/EngineeringandConstructionResources.htm</a> under the *Public Improvement Permit Projects Forms* section. Thank you in advance for working with the City of Springfield with this new process.

Sincerely,

Clayton McEachern, PE City of Springfield, Development and Public Works Email: cmceachern@springfield-or.gov

Phone: (541) 736 – 1036 Fax: (541) 736 – 1021

# **CITY OF SPRINGFIELD, OREGON**

**DEVELOPMENT AND PUBLIC WORKS** 



225 FIFTH STREET

OREGON SPRINGFIELD, OR 97477

PHONE: 541.726.3753 FAX: 541.726.1021 www.springfield-or.gov

### STORMWATER MANAGEMENT SYSTEM SCOPE OF WORK

(Please return to Clayton McEachern @ City of Springfield I	ine filled out by Applicant)Development and Public Works; Fax # 736-1021, Phone # 736-1036), hern@springfield-or.gov
Project Name: Assessors Parcel #:	Applicant: Date:
Land Use(s):	Phone #:
Project Size (Acres):	Fax #:
Approx. Impervious Area:	Email:
<b>Project Description</b> (Include a copy of Assessor's map	):
Drainage Proposal (Public connection(s), discharge loc	cation(s), etc. Attach additional sheet(s) if necessary:
Proposed Stormwater Best Management Practices	s:
(At a minimum, all boxes checked by the City on	the City and Returned to the Applicant) the front and back of this sheet shall be submitted l, although other requirements may be necessary.)
Drainage Study Type (EDSPM Section 4.03.2	): (Note, UH may be substituted for Rational Method)
☐ Small Site Study – (use Rational Method for calculation ☐ Mid-Level Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage Development Study – (use Unit Hydroga ☐ Full Drainage ☐ Full	raph Method for calculations)
Environmental Considerations:	
☐ Wellhead Zone: ☐ Wetland/Riparian:	D1 1 /P1 11:
Soil Type:	Other Jurisdictions
Downstream Analysis:	
N/A  Flow line for starting water surface elevation:  Design HGL to use for starting water surface ele  Manhole/Junction to take analysis to:	vation:

### COMPLETE STUDY ITEMS

\* Based upon the information provided on the front of this sheet, the following represents a minimum of what is needed for an application to be complete for submittal with respect to drainage; however, this list should not be used in lieu of the Springfield Development Code (SDC) or the City's Engineering Design Manual. Compliance with these requirements does not constitute site approval; Additional site specific information may be required. Note: Upon scoping sheet submittal, ensure completed form has been signed in the space provided below:

Intonim	Dogi	an Standards/Water Quality (EDSDM Chanton 2)
		gn Standards/Water Quality (EDSPM Chapter 3)
<i>Req'd</i> □	IV/A	All non-building rooftop (NBR) impervious surfaces shall be pre-treated (e.g. multi-chambered catchbasin w/oil filtration
		media) for stormwater quality. Additionally, a minimum of 50% of the NBR impervious surface shall be treated by vegetated methods.
		Where required, vegetative stormwater design shall be consistent with design standards (EDSPM Section 3.02), set forth in Chapter 2 of the Eugene Stormwater Management Manual.
		For new NBR impervious area less than 15,000 square feet, a simplified design approach may be followed as specified by the Eugene Stormwater Management Manual (Sec2.4.1).
		If a stormwater treatment swale is proposed, submit calculations/specifications for sizing, velocity, flow, side slopes, bottom slope, and seed mix consistent with City of Springfield or Eugene's Stormwater Management Manual.
	П	Water Quality calculations as required in Section 3.03.1 of the EDSPM.
		All building rooftop mounted equipment, or other fluid containing equipment located outside of the building, shall be provided with secondary containment or weather resistant enclosure.
Genera	l Stuc	ly Requirements (EDSPM Section 4.03)
		Drainage study prepared by a Professional Civil Engineer licensed in the state of Oregon.
		A complete drainage study, as required in EDSPM Section 4.03.1, including a hydrological study map.
$\overline{\Box}$	$\Box$	Calculations showing system capacity for a 2-year storm event and overflow effects of a 25-year storm event.
$\overline{\Box}$	$\overline{\Box}$	The time of concentration (Tc) shall be determined using a 10 minute start time for developed basins.
Review	of Do	ownstream System (EDSPM Section 4.03.4.C)
		A downstream drainage analysis as described in EDSPM Section 4.03.4.C. On-site drainage shall be governed by the Oregon Plumbing Specialty Code (OPSC).
		Elevations of the HGL and flow lines for both city and private systems where applicable.
		Design of Storm Systems (EDSPM Section 4.04).
		Flow lines, slopes, rim elevations, pipe type and sizes clearly indicated on the plan set.
		Minimum pipe cover shall be 18 inches for reinforced pipe and 36 inches for plain concrete and plastic pipe materials, or proper engineering calculations shall be provided when less. The cover shall be sufficient to support an 80,000 lb load without failure of the pipe structure.
		Manning's "n" values for pipes shall be consistent with Table 4-1 of the EDSP. All storm pipes shall be designed to achieve a minimum velocity of three (3) feet per second at 0.5 pipe full based on Table 4-1 as well.
Other/I	Misce	llaneous
		Existing and proposed contours, located at one foot interval. Include spot elevations and site grades showing how site drains.
		Private stormwater easements shall be clearly depicted on plans when private stormwater flows from one property to another.
		Drywells shall not receive runoff from any surface w/o being treated by one or more BMPs, with the exception of residential building roofs (EDSP Section 3.03.4.A). Additional provisions apply to this as required by the DEQ. Refer to
		the website: <a href="http://www.deq.state.or.us/wq/uic/uic.htm">http://www.deq.state.or.us/wq/uic/uic.htm</a> for more information.  Detention ponds shall be designed to limit runoff to pre-development rates for the 2 through 25-year storm events.
	Ш	Detention points shall be designed to infinit fulloff to pre-development rates for the 2 through 25-year storm events.
		*This form shall be included as an attachment, inside the front cover, of the stormwater study.
		* IMPORTANT: ENGINEER PLEASE READ BELOW AND SIGN!
As the	engin	eer of record, I hereby certify the above required items are complete and included with the submitted stormwater study
and pla	ın set.	SignatureDate