

Town of Buchanan N178 County Rd N Appleton, WI 54915-9459

Phone: 920-734-8599 Fax: 920-734-9733 www.townofbuchanan.org

Online Building Permit System,

Effective December 1, 2017 the Town of Buchanan will only be accepting permits for one- and two-family homes after the builder (or owner) has completed the State online permit. The Online Building Permit System was developed by the DSPS to allow municipalities to gain compliance with 2015 Act 211. The owner, builder, or agents shall complete the application form and the Online Building Permit System will route it to the enforcing jurisdiction. Permit application data is used for statewide statistics on new one- and two-family dwellings, as well as for local code administration.

You may access the online permit system at: https://esla.wi.gov/Customer Portal Page 1?goToSummary=no&saveExit=yes

After completion of the online form you may submit your plans and other required information to the Town of Buchanan as has been done in the past.

Paul Hermes Building Inspector Town of Buchanan

NOTE: PLEASE ALLOW A MINIMUM OF 7 TO 10 BUSINESS DAYS TO PROCESS THE APPLICATION MATERIALS



"In the Spirit of Town Government"

TOWN OF BUCHANAN N178 COUNTY RD N, APPLETON, WI 54915 Phone: (920) 734-8599 Fax: (920) 734-9733

Building Permit Guidelines for Residential Construction

This is a guide to outline the Town of Buchanan building permit process. Please read through the entire document to fully understand each step that is involved in the building permit process. For contact information or if any questions arise, please refer to the Key Contacts on page 6. Once all of the outlined steps have been completed, the Town of Buchanan will review the submitted building permit within 7 to 10 business days. Any missing information will delay the building permit approval until the necessary information is completed and/or submitted.

Step-1: Is the property zoned for residential use? If no, please contact the Town Administrator for the Town of Buchanan re-zoning property should meet the current zoning code requirements and be consistent win Buchanan comprehensive plan. A site plan is required and should conform to the requirements (dimensional requirements, e.g., lot size, setbacks, etc.). Visit the Town Website: http://www.townofbuchanan.org or stop at Town Hall to view the current recode.	ith the Town of existing zoning wn of Buchanan
Step-2: <u>Is the property within 300 ft. of a navigable stream?</u> <u>AND/OR is the property in a floodplain/way</u> ?	□ YES □ NO □ YES □ NO
If no, please skip to Step 3.	
If yes, please contact the Outagamie County Zoning Department to obtain a shoreland and/or a conditional use permit . The County Zoning Department will be able to de permit is needed for the project. These Outagamie County permits must be obtained prio a building permit with the Town of Buchanan.	termine if either
Step-3: <u>Has a sanitary/sewer or well & holding tank/mound permit been obtained?</u> If no, and the property is inside of the boundaries of the Darboy Sanitary District, please Joint Sanitary District #1 to obtain a sanitary/sewer & water permit . The Darboy Joint #1 permit cost varies and must be obtained prior to applying for a building permit we Buchanan.	e contact Darboy Sanitary District

If no, and the property is outside of the Darboy Sanitary District, please obtain a *sanitary holding tank or mound permit and well water permit* from Outagamie County Zoning Department. The Outagamie County permit must be obtained **prior** to applying for a building permit with the Town of Buchanan.

If an applicant is not sure if the property is in the Sanitary District, please contact the Darboy Joint Sanitary District #1.

1

Step-4a: <u>Has an erosion control & stormwater plan for the property been approved?</u> YES NO If no, please obtain the necessary <i>erosion control/stormwater permit</i> from the Town of Buchanan. A detailed erosion control plan and stormwater management plan should be submitted with the building permit application. The Town Engineer will review these plans and make sure they meet Town of Buchanan requirements for erosion control and stormwater management. This Town of Buchanan permit must be obtained prior to fully processing a building permit application.
Please direct specific questions relating to ordinance requirements for erosion control and stormwater management to the Town Engineer.
(Office Use Only) Erosion Control application form e-mailed to Town Engineer on:
(Office Use Only) Erosion Control Plan approval letter received from the Town Engineer? ☐ YES ☐ NO (Office Use Only) Letter sent to applicant stating Erosion Control Plan approved with ERU amount? ☐ YES ☐ NO
Step-4b: Has the Financial Guarantee Agreement for Erosion Control & Stormwater Management been completed and submitted? This agreement is a guarantee to pay for the erosion control and stormwater management installation and maintenance, as well as ongoing site inspections by the Town Engineer. This agreement needs to be completed by the applicant and filed with the Town of Buchanan prior to construction and building permit approval.
The estimate of the erosion control installation and maintenance will be calculated based on the submitted erosion control plan. If there is failure to comply with proper erosion control procedures, the Town of Buchanan will correct the erosion control issue and recover these costs from the applicant, per the agreement.
Also, actual erosion control inspection costs will be billed by the Town Engineer to the Town of Buchanan. The applicant is responsible for covering these ongoing costs. An estimate of the site inspections will be calculated based on the submitted erosion control plan. An escrow in advance payable to the Town of Buchanan will be required to cover these fees along with the other building permit fees. The erosion control inspection costs vary depending on actual rain events and length of construction. The sooner the vegetation is established following construction, the quicker the site inspections can be closed.
Please direct specific questions relating to the estimates to the Town Engineer.
(Office Use Only)Applicant submitted a complete and signed Financial Guarantee Form?YESNO(Office Use Only)Applicant submitted the estimated escrow amount?YESNO
Step-5: Has the Buchanan Stormwater Utility Permit application been completed and submitted?
The Buchanan Stormwater Utility is a local stormwater utility that regulates the stormwater detention management within the boundaries of the Town Buchanan. The Utility's user charge is calculated by the total Equivalent Runoff Units (ERU) determined for a property. The Utility's Engineer will review the <i>User Determination Charge application</i> and determine the ERU allocation. This is used to track construction and to establish a future special charge on the property tax bill for the stormwater utility.

The Buchanan Stormwater Utility permit must be obtained **prior** to fully processing the Town of Buchanan building permit.

The application form is required and it will need to be <u>returned to the Town of Buchanan with a separate</u> **\$50** permit review fee payable to the "Buchanan Stormwater Utility". The application form should be received at the same time the erosion control and stormwater plans are submitted.

Please direct specific questions relating to the Buchanan Stormwater Utility to the Utility Engineer.
(Office Use Only) User Determination Charge form e-mailed to Town Engineer on:
Step-6: How many driveways are requested? #, Permit form complete for each?
Please direct specific questions related to the calculations received to the Town Engineer.
(Office Use Only) Driveway/Culvert form e-mailed to Town Engineer on:
Step-7: <u>Has the Outagamie County address request form been completed and submitted?</u> — YES — NO
An <i>Outagamie County address request form</i> will need to be filled out in order to have an address properly assigned to the property. Fill out the form completely and be sure to sketch the lot and include a measurement from the nearest driveway, road intersection or lot line to the <u>center</u> of the proposed driveway. These measurements need to be as accurate as possible. The certification statement must be signed by the applicant. Ceramic address tiles and a bracket will be provided by the Outagamie County Planning Department and available for pick-up at Town Hall once the Town of Buchanan receives them.
Office Use Only Address request form e-mailed to the Outagamie County on:By:
(Office Use Only) Did the completed address request form come back from the Outagamie County and get entered on all forms and manuals pertaining to the project?
Step-8: <u>Has the Wisconsin Uniform Building Permit Application been completed and submitted?</u>
The Town of Buchanan requires the <i>Wisconsin Uniform Building Permit Application</i> be completely filled out online.
You may access the online permit system at: https://verification.dsps.wi.gov/buildingpermit/application/Directions.aspx .

In addition, a three-part building permit form must be completed and submitted to the Town of Buchanan. This, along with all the other necessary forms, may be submitted upon completion of the online form. All trades are required to call the Building Inspector for inspections during all phases of construction. The residential building permit fee is listed on the Fees page.

Please direct specific questions to the Building Inspector.

Step-9: <u>Have two (2) sets of building plans been submitted?</u> <u>Has one (1) detailed site plan been submitted?</u>	□YES □NO
The Town of Buchanan requires two (2) copies of the building plans with the submitted	☐ YES ☐ NO building permit
form. An 8 $\frac{1}{2}$ " x 11" set of plans is preferred. A detailed site plan, drawn to scale, must als	o be included.
If electronic copies of building plans are available, please e-mail them to the Town Clerk at <u>clerk@townofbuchanan.wi.gov</u>	t
Step-10: Has an energy worksheet with the heat loss calculations been completed and	l submitted?
The Town of Buchanan requires an energy worksheet. This is normally provided insulation company.	☐ YES ☐ NO by a lumber or
Step-11: Have you checked to see if your subdivision has any restrictive covenants?	
Did your subdivision has any restrictive covenants?	□YES □NO
If yes have they been submitted with permit application?	
	\square YES \square NO

For properties located in subdivisions with restrictive covenants, it is the responsibility of the property owner to comply with the rules and regulations outlined to avoid civil litigation.

A copy of your subdivision restrictive covenants can be obtained from your developer or from Outagamie County Register of Deeds.

Fees Payable to Town of Buchanan

Step-4a - Erosion Control Stormwater Permit

Single (SF)/Two-Family (TF): \$300 Multi-Family (MF): \$600

Step-4b – Erosion & Stormwater Financial Guarantee Amount: \$1,000 minimum

(Should be paid with separate check payable to Town of Buchanan)

Step-6 - Driveway/Culvert Permit:

\$75 driveway / \$250 new culvert

\$125 replacement culvert

Step-7 - Address Request:

\$50/address

Step-8 - Wisconsin Uniform Building Permit

SF: \$560 (Includes all licensed trades)
TF: \$715 (Includes all licensed trades)
MF: \$460 + \$155 (unit

MF: \$460 + \$155/unit
Park Impact Fee *(Should be paid with separate check payable to Town of Buchanan)*

 SF:
 \$688

 TF:
 \$1,337

 MF:
 \$334/unit

Payable to Buchanan Stormwater Utility

Step-5 - Buchanan Stormwater Utility Permit

\$15

Any construction started without the proper permits in place will result in double permit fees

Key Contacts

Website: www.townofbuchanan.org

Michael J.D. Brown, Administrator (920) 734-8599

michaelb@townofbuchanan.wi.gov

Shoreland Zoning, Conditional Use and Well & Holding Tank/Mound Permit Outagamie County Zoning Department, (920) 832-5255

Website: https://www.outagamie.org/government/n-through-z/zoning-administration/permitapplications-forms-and-fee-s

Sewer/Water Permit Darboy Joint Sanitary District #1, (920) 788-6048

Website: https://www.darboysanitary.com/

Stormwater/Erosion Control and Driveway/Culvert Permit Dennis Jandrey (920) 931-5410

dennisj@townofbuchanan.wi.gov

Justin Keen, PE, (920) 785-7303 justin.keen@cedarcorp.com

Thad Majkowski, PE, (920) 785-7302

thad.majkowski@cedarcorp.com

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thad.majkowski@cedarcorp.com

General Building Permit, Residential Paul Hermes, Municipal Building Inspector (920) 858-0102

Paulhermes47@yahoo.com

Electronic Building Plans Cynthia Sieracki, Clerk (920) 734-8599

clerk@townofbuchanan.wi.gov

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If electronic copies of building plans are available, please e-mail them to the Town Clerk a <u>clerk@townofbuchanan.wi.gov</u>	t
Step-10: Has an energy worksheet with the heat loss calculations been completed and	Comment of the Commen
The Town of Buchanan requires an energy worksheet. This is normally provided insulation company.	□ YES □ NO by a lumber or
Step-11: Have you checked to see if your subdivision has any restrictive covenants?	
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Step-6 - Driveway/Culvert Permit: \$75 driveway / \$250 new culvert

\$125 replacement culvert

Step-7 – Address Request: \$50/address

Step-8 - Wisconsin Uniform Building Permit

SF: \$560 (Includes all licensed trades)
TF: \$715 (Includes all licensed trades)

\$15

MF: \$460 + \$155/unit

Park Impact Fee (Should be paid with separate check payable to Town of Buchanan)

 SF:
 \$688

 TF:
 \$1,337

 MF:
 \$334/unit

Payable to Buchanan Stormwater Utility

Step-5 - Buchanan Stormwater Utility Permit

Any construction started without the proper permits in place will result in double permit fees

Key Contacts

Website: www.townofbuchanan.org

Michael J.D. Brown, Administrator (920) 734-8599

michaelb@townofbuchanan.wi.gov

Shoreland Zoning, Conditional Use and Well & Holding Tank/Mound Permit Outagamie County Zoning Department, (920) 832-5255

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Stormwater/Erosion Control and Driveway/Culvert Permit Dennis Jandrey (920) 931-5410

dennisj@townofbuchanan.wi.gov

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Thad Majkowski, PE, (920) 785-7302

thad.majkowski@cedarcorp.com

Buchanan Stormwater Utility Permit Justin Keen, PE, (920) 785-7303

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Thad Majkowski, PE, (920) 785-7302

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General Building Permit, Residential Paul Hermes, Municipal Building Inspector (920) 858-0102

Paulhermes47@yahoo.com

Electronic Building Plans Cynthia Sieracki, Clerk (920) 734-8599

clerk@townofbuchanan.wi.gov

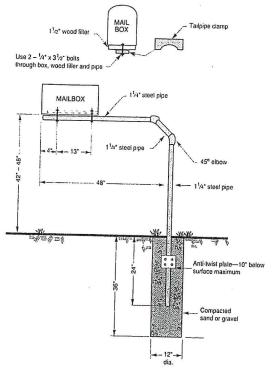


Figure 3: Example of a steel pipe cantilever mailbox support

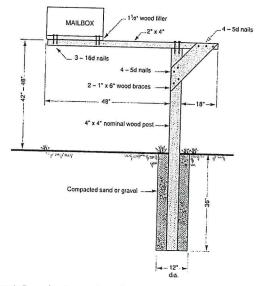


Figure 4: Example of a wood cantilever mailbox support

Siting mailboxes

In Wisconsin snow removal operations frequently conflict with mailboxes. Several local agencies have developed a standard for mailbox installations which has been successful in reducing the number of mailboxes damaged or demolished by snow plows. The standard is published in local papers (Figure 5).

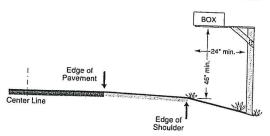
They recommend placing the box on a 24-inch minimum arm, at a minimum height of 46 inches. The front of the box should be aligned with the outside edge of the shoulder.

Locating mailboxes along the roadside is complicated by many factors other than snow removal. These require balancing the maximum convenience to the patron with safety considerations for highway traffic, and with postal carrier convenience and safety. You must also take into account existing roadside conditions such as proximity to intersections; blind spots caused by curves, hills and vegetation; and utility poles, guardrails, nearby bridges, and other physical installations.

NOTICE

Recommended Mailbox Installations

To avoid damage to your mailbox and also allow the snowplows to remove the snow from under your mailbox, the following dimensions are recommended.



Placing mailboxes a short distance away from driveways and intersections helps to avoid vision-restricting snowbanks and also damage to your mailbox. The box and base should be strong enough to withstand flying snow and slush from traffic and snowplows.

By order of the ______ and with the approval of the U.S. Postal Service.

Highway Commissioner

Postmaster

Figure 5: Sample mailbox notice





UTILITY RIGHT-OF-WAY EXCAVATION PERMIT APPLICATION

Applicant/Utility Company Information						
Applicant Name (Indiv., Org. or Entity)	uthorized Representative	Title				
Mailing Address C	ity	State	Postal Code			
E-mail Address T	elephone (include area code)	Fax (includ	le area code)			
Contractor Information (if different than Applicant)		1				
Name (Organization or Entity)	ontact Person	Title				
Mailing Address C	ity	State	Postal Code			
E-mail Address T	elephone (include area code)	Fax (includ	le area code)			
Other Contact Information (check one): Engineer /	Consultant Field Representativ	e				
Name (Organization or Entity)	ontact Person		(include area code)			
Mailing Address C	ity	State	Postal Code			
General Project Information						
Project Start Date:	Utility Type:					
Project Completion/Restoration Date:	Electric	Gas/Petrole	um Communications			
Project Completion/Restoration Date:	☐ Water ☐	Sanitary/Sto	rm Private Line			
Orientation Overhead Underground Construction N			spend Den Cut Road			
Permit Fees (check all that apply)						
Open Cut Excavation Fee : Open Cuts x \$1,500.00	Linear Foot Fee :	/ Ft x \$0.1	10 per ft			
□ Boring Fee : Borings x \$ 100.00 □ Closure Fee : Closures x \$100.00 / day(s)						
	ROW Excavation Permit App	lication Fee	+ \$ \$75.00			
	Total (All App	licable Fees	s) = \$			
Required Forms Checklist: (Submit two (2) copies of all su	pporting materials, i.e., drawings, pla	ns and writte	n documents)			
Detailed Project Plan						
(All applicants)	(All applicants) (When applicable)					
☐ Certificate of Insurance ☐ Detailed Traffic Control Plan						
(All applicants) (When applicable)						
Acknowledgement, Certification & Permission	ALL DECLUDED MATERIALS AND	INICODI (A TI	211 2211 2 25211 2 11 21 2			
Acknowledgement: I ACKNOWLEDGE FAILURE TO PROVIDE REVIEW OF THIS APPLICATION BEING DELAYED FOR CONSID	ERATION.					
Certification: The applicant has received and agrees that the perr	nitted work shall comply with all perm	it provisions	and conditions of the Town of			
Buchanan Municipal Code Ch 282 - Excavations in effect at the time of this application, and with any special provisions listed below or attached hereto, and any all plans, details, or notes attached hereto and made a part thereof.						
Applicant/Company Authorized Signature	Date Signed	Date Signed				
Typed/Printed Name of Person Signing Above	Authorized Applic	Authorized Applicant/Company Representative Telephone:				
LEAVE BLANK – FOR TOWN USE ONLY						
Date Application Received:	Fee Received \$	Receipt	No:			
Engineer's estimate to install and maintain erosion control:	Estimate Cost to provide Inspection	t to provide Inspection:				
Construction Site ID / Permit No:	Date Issued:	Issued E	By:			

ADDRESS REQUEST FORM



Department of Development & Land Services

Assigned Address Number (County Use Only)

E-mail Submittal Preferred: GISMail@outagamie.org

320 S. Walnut St., Appleton, WI 54911 (920) 832–5255 / www.outagamie.org

APPLICANT NAME					
APPLICANT NAME PHONE # E-MAIL PELATIONSHIP TO OWNED. (If Different then Owner or Publisher Publisher Perilation (Parilation))					
RELATIONSHIP TO OWNER (If Different than Owner, e.g. Builder, Building Inspector)					
PROPERTY OWNER NAME (If Different Than Applicant)					
PROPERTY LOCATION					
ROAD NAME					
MUNICIPALITY TAX PARCEL # (e.g. 0;	30111102)				
SUBDIVISION or CSM (If Applicable) LOT #	_				
SANITARY PERMIT # (If Applicable) (e.g. SP 09-2013 or State ID #)					
DOES THE MUNICIPALITY HAVE ACKNOWLEDGEMENT OF THE ADDRESS REQUEST? Yes \Box No \Box					
Note: The municipality needs to receive notice of the address request before final submittal to Outagami	e County.				
DRIVEWAY LOCATION					
IS THE PREFERRED DRIVEWAY LOCATION ON A SHARED DRIVEWAY? Yes \Box No \Box					
Note: If this is the third (or more) address on an existing shared driveway, then this address application may	ay result in				
the creation of a new private road. (Outagamie County Ordinance Chapter 50.)					
The center of the primary driveway isfeet, North, South, East or West (Indicate One) of the exi					
driveway serving building numberon(Street Name(Street Name).				
The center of the primary driveway isfeet from the North, South, East or West (Indicate One) lo	t lino				
(Sketch below if necessary and/or attach site plan for driveway location).					
(and the second					
l	`1				
l N	J				
• •	•				
_					
I,verify that the above measurements are true and accurate to the best of my	knowledge.				
(FRINT NAME)					
(SIGNATURE REQUIRED) (DATE)					
(UAIL)					
OUTAGAMIE COUNTY USE ONLY					
Notes: Date:					
Assigned By: Form ID: 04–2017					



GENERAL BUILDING & ZONING PERMIT APPLICATION APPLICATION #:____

Applicant/Contractor	Information						to Cana Setb	
		Authorized Representative		Tit	tle	national T		
Mailing Address	Mailing Address City				ate	Postal Code		
E-mail Address	1	Tele	phone (include area code)		Fa	Fax (include area code)		
Landowner Information	n (if different than Applicar	nt)						
Name (Organization or Entity			act Person	rson Title				
Mailing Address		City				State Postal Code		
		0.1,						
E-mail Address		Tele	phone (incl	ude area code)	Fax (include area code)			
Project or Site Location	on				The same		1	
Site Address / Location:		Parcel ID(s)	• 3	Plat / CSN	M / Lot No.:			
Current Zoning:		С	urrent Use	:				
Lot Dimensions: Front:	Side: Re	ar:	Side:	Lot Area:		ac	cres or square feet	
Project Information		70	H	THE STATE OF	A TIL	建甲肾		
Structure:	Type:	<u>Trades:</u>	Set	etbacks – Principal Bldg.:		Set	backs – Accessory Bldg.:	
☐ Principal	New	☐ Plumbin	g Front:	Side	•	Front:	Side:	
Accessory	Addition	☐ Electrica	al Rear:	Side	:	Rear: Side:		
Other:	Other:	HVAC	Lot Co	ot Coverage:		Land Disturbance:		
Project Description: Exist			Existin	Existing: Area			q Ft):	
Prop				i iopooca.			Cu Yds):	
Estimated Cost of Project:			Height	Height (to peak):			disturbing activities over 4,000 square ng & excavation totaling over 100 cubic uires a separate erosion control & er management permit.	
Project Plans (see rever	se side)	Į.			į		920	
Site Plan	☐ Building P	Plans		G	rading/Drair	nage & Er	rosion Control Plan/Permit	
Additional Requireme	nts (Check all that apply)		-1-				4.77	
Special Exception No	Shoreland 2	Zoning Permit	No		Пы	oodwav/F	Floodplain	
Sanitary Permit No.	Buchanan S	Stormwater Ut	tility Permit	No			Use Permit No	
Zoning Administrator Remarks:								
Acknowledgement, Co				- 1				
Acknowledgement: The applicant & landowner agree to comply with all applicable codes/zoning ordinances, state statutes, local, federal and state building code requirements and with the conditions of this permit; understands that the issuance of this permit creates no legal liability, expressed or implied by the Town of Buchanan; and certifies that all the information stated above is hereby correct. Certification: The applicant & landowner certify that the information contained in this form and attachments is true and accurate. I understand that failure to comply with any or all of the provisions of Town Ordinances and/or permit may result in notices, fines / forfeitures, stop work orders, permit revocation, and cease & desist orders. Permission: The landowner hereby gives the permit authority permission to enter and inspect the property to evaluate this permit application, to determine compliance with the ordinances, and to perform corrective actions after issuing proper notice to the landowner. Applicant Signature								
Landowner Signature				a	Date			
				ű-	7- 0-	A		
Fee(s)\$:		Bassint No.	- FOR TOWN	71		7		
Building Inspector Signature: Date Issued:					Insp Completion Date:			



EROSION CONTROL & STORMWATER MANAGEMENT PERMIT APPLICATION

Applicant Information										
Applicant Name (Indiv., Org. or Entity)			Authorized Re	Authorized Representative			Title			
Mailing Address C			City	City			te	Postal	Code	
E-mail Address			Telephone (in	clude	e area code)	Fax	(includ	e area c	ode)	
Landowner Information (if differ	ent than App	olicant)					-			
Name (Organization or Entity)			Contact Perso	n		Title	Title			
Mailing Address			Oit		<u> </u>					
Walling Address			City			Stat	State Postal Code			
E-mail Address			Telephone (in	clude	e area code)	Fax	(includ	e area c	ode)	
Other Contact Information (che	eck one):	Enginee	r / Consultant		Contractor / Builde	er 🔲	Agent	/ Other		
Name (Organization or Entity)			Contact Perso	n		Tele			area code)	
Mailing Address			City			Stat	te	Postal	Code	
Project or Site Location										
Site Name (Project):					Parcel Numbers:					
Address / Location:					Plat / CSM / Lot I	No.:				
Quarter: NW NE SV	V SE	S	Section:		Township:		N	Range:		E
Permit Type & Fees (check all th	at apply)					******				
Single or Two Family Residential	Erosion Cor	ntrol			Subdivision/Majo	r Land [Develop	ment***		
Commercial / Industrial / Multi-Family ***				Other (i.e. general permit, municipality, utility)*** :				_		
	Erosi	on Control /	Stormwater M	anaç	gement Permit Ap	plication	on Fee	= \$		
***Note: Actual cost of Engineer's re	view & insp	ections will	be billed to ap	plica	ant after final app	roval: p	olus 2%	admini	strative cost.**	**
Required Forms Checklist: (Su										
Legal Description				ТГ	Complete Erosion					Plan
(All applicants)		R Notice of Int			(Major Projects/C				or wanagement	i iaii
Standard Erosion Control Plan	(Project area greater than 1 acre)				Financial Guarantee A (i.e. surety bond, cash escrow, LOC)				OC)	
(Single & Two Family Projects) (All application & Permission				(All applicants)						
Acknowledgement: I ACKNOWLEDG			E ALL DEOLIII	DED	MATERIAL C AND	INCOL	DIANTIC	N OOU	LD DEOL!! 7 IN	T
REVIEW OF THIS APPLICATION BEIN	G DELAYEI	FOR CONS	SIDERATION.							
Certification: I hereby certify that I am contained in this form and attachment	the landow s is true ar	ner of the pro	operty which is	the s	subject of this Pern	nit Appl	lication.	I certify	that the inform	nation
contained in this form and attachments is true and accurate. I understand that failure to comply with any or all of the provisions of Town Ordinances and/or permit may result in notices, fines / forfeitures, stop work orders, permit revocation, and cease & desist orders.										
Permission: As landowner of the property, I hereby give the permit authority permission to enter and inspect the property to evaluate this permit application, to determine compliance with the ordinances, and to perform corrective actions after issuing proper notice to the landowner.										
Applicant Signature					Date Signed					
Landowner Signature (required)				Date	e Signe	ed				
	LEAVE BLANK – FOR TOWN USE ONLY									
Date Application Received:			Fee Rece	Fee Received \$			Receipt No:			
Engineer's estimate to install and maintain erosion sontrol:			Estimate	Estimate Cost to provide Inspection:					\$	
Town Permit No: Date Issued:				Issued By:						



Town of Buchanan N178 County Road N Appleton, WI 54915 Telephone: (920)734-8599

APPLICATION FOR PERMIT

To Remove, Alter, Repair, Replace or Install DRIVEWAY, CURB CUT, CURB AND GUTTER, CULVERT

	AT, CORB COT, CORB AND GOTTER, CO	LVEKI
APPLICANT INFORMATION DATE SU	JBMITTED:	APPLICATION #
Applicant Type (check one):	ractor Property Owner Buil	der / Developer
Contractor/Company Name:		Business Contact:
Property Owner Name:	Ch	eck if contact address is same as job site.
Business/Applicant Address:		Suite/Unit #:
Business/Applicant City:		State/ZIP:
Business/Applicant Phone:	Business/Applicant Email:	
JOB SITE LOCATION		
Subdivision/Development Name:	L	ot #:
Site Address:	No. of Approache	
TYPE OF WORK REQUESTED (check or		ERCIAL/INDUSTRIAL/MULTI-FAMILY
Driveway Approach: URBAN (Curb &		RAL (Ditch with Culvert, No Curb & Gutter)
Permission is requested to remove, replace listed job site location at the Town right-of-	e or construct aft. wide concr way line to the curb and gutter.	ete / asphalt driveway approach for the
**NOTE: Any water stops box(es) located for maintenance purposes. Contact the Wa	I in the driveway need to be fitted with a vater Department (920)788-6048 for valve bo	alve box collar/cover or a 6" PVC pipe x.
Curb Cut:	· · · · · · · · · · · · · · · · · · ·	
Permission is requested to remove	_ft. ofmountable /_vertical face curb	and gutter and replace with a gutter
section to provide a driveway entrance to t	he listed job site location.	•
Curb & Gutter:		
Permission is requested to remove storm water discharge at the listed job site		and gutter for installation of drain tile for
Permission is requested to install	ft. of mountable / vertical face curb	and gutter in order to connect to an
existing curb and gutter at the listed job site	e location.	
Culvert:		
Contractor installing culvert: Type of Culvert being installed		f Contractor
Size of culvert pipe (15" minimum required	Grade Elevations	
Length of culvert pipe (24" minimum required		
Site Plan showing proposed culvert location		1
Any Subdivision Covenants, Town, Count	y and/or State ordinances/policies that conf	lict with proposed culvert
specifications/installation YES	NO	
APPLICABLE FEES (check all that apply	·):	
New Installation	Remove & Replace	Repair (Mud jack/Crack fill)
\$75.00	\$75.00	No Fee
New Culvert	Replacement Culver	
\$250.00	\$125.00	

	AGREEM	IENT TO TERMS	
The contractor/property ow specifications and the provi	vner described within this permit ap risions set forth under Town of Buc	oplication certifies, fuli hanan Municipal Cod	ly accepts and will comply with all standard e Chapter.456
Signature of Applicant or Ap	oplicant Representative		Date
		e Use Only T APPROVAL	
Fee:	Cash / Check / Credit Card	Date:	Permit No.:
	PERMI	T APPROVAL	
Engineer Review:		Date:	Permit No.:
	PERM	IIT REVIEW	
Engineer Approved:		Submitted:	Submitted by:
	PERMIT	T APPROVAL	
Administrator Approved:		Date:	Permit No.:
	PERMIT	T APPROVAL	
Inspector Approved:		Date:	Permit No.:

Chapter 456. Streets, Sidewalks and Public Places

Article I. General Regulations

§ 456-3. Driveways.

- A. Town approval required. No person shall construct or maintain any driveway across any sidewalk or curbing without first obtaining a driveway permit from the Town Building Inspector. No driveway apron on Town right-of-way shall be constructed of concrete.
- B. Specifications for driveway construction. Specifications for driveway construction are as follows:
 - (1) Interference with intersections. At street intersections, a driveway shall not provide direct ingress or egress to or from the street intersection area and shall not occupy areas of the roadway deemed necessary by the Town for effective traffic control or for highway sign or signals.
 - (2) Interference with street. No driveway apron shall extend out into the street further than the face of the curb, and under no circumstances shall such driveway apron extend into the gutter area. All driveway entrances and approaches shall be so constructed that they shall not interfere with the drainage of streets, side ditches or roadside areas or with an existing structure on the right-of-way. When required by the Building Inspector to provide for adequate surface water drainage along the street, the property owner shall provide any necessary culvert pipe at his own expense.
 - (3) Number of approaches limited. No more than one driveway entrance and approach shall be constructed for any lot or premises, except where deemed necessary and feasible without undue impairment of safety, convenience and utility of the street by the Town Building Inspector. Any two approaches shall be at least 10 feet apart.
 - (4) Workmanship and materials. All driveway entrances and approaches which are constructed across sidewalks shall be paved in accordance with the requirements for sidewalk construction in § <u>456-2C</u> insofar as such requirements are applicable, including thickness requirements in § <u>456-2C(3)</u>.
 - (5) Permittee liable for damage or injury. The permittee shall assume all responsibility for any injury or damage to persons or property resulting directly or indirectly during construction or repair of driveway approaches or entrances. When the curb or gutter is removed, the new connection shall be of equivalent acceptable material, and the curb returns shall be provided or restored in a neat, workmanlike manner. Driveway surfaces shall connect with the street pavement and sidewalk in a neat workmanlike manner. Any sidewalk areas which are damaged or inadequate by reason of vehicle travel across the sidewalk shall be replaced in accordance with the requirements of § 456-2C.
 - (6) Grade not to exceed one foot above grade of adjacent service road. No person shall construct or cause to be constructed any driveway having a grade greater than one foot above the grade of the adjacent road without having obtained a variance from the Town Board.

§ 456-4. Permit required for culverts.

- A. No person, firm, corporation, agent, or other entity shall install or remove or have installed or removed a culvert in the Town of Buchanan without having been issued a culvert permit by the Town Administrator/Clerk or other official designated by the Town Board. Culverts must be installed prior to any motor vehicle or heavy equipment being driven onto or placed on the site. Ingress and egress shall be permitted only over the installed culvert. [Amended 8-17-2010 by Ord. No. 2010-03]
- B . The Town Board shall designate a permit fee which amount shall be paid prior to the issuance of any permit.
- C. Whoever violates this section shall upon conviction of such violation be subject to a forfeiture of not less than \$300 nor more than \$1,000 together with the costs of prosecution. The Town reserves the right to remove any culvert not consistent with this section. [Amended 8-17-2010 by Ord. No. 2010-03]

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Article I. General Regulations

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TOWN OF BUCHANAN N178 COUNTY RD N, APPLETON, WI 54915

Phone: (920) 734-8599 Fax: (920) 734-9733

Financial Guarantee and Protective Covenant for Erosion Control & Stormwater Management (For all classes of properties)

	tein by reference:
Name of abutting street: Address:	
Legal Description:	See Exhibit A
	Name of abutting street: Address:

- 2. **Term.** The term of this Guarantee shall be permanent and shall run with the land, and shall be binding upon the current Owner(s) and their successors and assigns.
- 3. **Termination/Modification.** This Agreement may be terminated or modified only with the consent of the Town of Buchanan granted in writing, which consent shall be recorded with the Register of Deeds for Outagamie County as a condition for such consent becoming effective.
- 4. Non-Recourse Guarantee. The undersigned hereby guarantees that all costs and expense associated with compliance with Article VIII of Chapter §230 and Article IV of Chapter §504 of the Town of Buchanan Municipal Code is hereby guaranteed. This is a Non-Recourse Guarantee meaning that costs and expenses incurred by or on behalf of the Town of Buchanan for performance on behalf of the Owner(s) is recoverable solely from the real estate, and shall not constitute a personal liability of the Owner(s) beyond the value and proceeds of the real estate subject to this Guarantee.
- 5. Guaranteed Obligations. The guaranteed obligations consist of those costs and expenses incurred by or on behalf of the Town of Buchanan in performing on behalf of the property Owner(s) any obligations for compliance with erosion and sediment control under Article VIII of Chapter §230 and stormwater management under Article IV of Chapter §504 of the Town of Buchanan Municipal Code. The Owner(s) further agree to construct and maintain all erosion control facilities on the property in accordance with Article VIII of Chapter §230 and Article IV of Chapter §504 of the Town of Buchanan Municipal Code, and also in accordance with site plan approval and site plan requirements granted by the Town as a condition for development of the property.
- 6. **Right to Perform.** The Town of Buchanan is hereby granted the right to perform erosion monitoring, inspection on the subject property. In addition, the Town of Buchanan is hereby granted the right to perform control activities in any event that the Owner(s) has failed to comply with such ordinance requirements. The performance by the Town of Buchanan, directly or through any one or more agents may be undertaken and shall not constitute a trespass on the property of the Owner(s) for purposes of performance, and for other purposes incidental thereto.
- 7. **Billing.** The Town of Buchanan shall submit a billing to the current Owner(s) of the property subject to this Guarantee for any costs and expenses incurred by the Town of Buchanan for performance of the Owner(s) obligations to comply with erosion control and/or stormwater ordinances. The billing will be completed when the conditions for release have been satisfied.
- 8. Financial Guarantee. The Town of Buchanan shall require the submittal of a financial guarantee in the form of a surety bond, cash escrow, or irrevocable letter of credit to guarantee a good faith execution of the approved erosion control plan and any permit conditions. The financial guarantee shall be in an amount determined by the Town of Buchanan for the estimated administration, review of plans, inspection, construction and maintenance of the practices called for in the erosion and sediment control plan and/or stormwater management plan. The Town of Buchanan may require the site to be certified by a professional engineer. The financial guarantee shall give the Town of Buchanan

the funds to complete the erosion and sediment control practices if the landowner defaults or does not properly implement the approved erosion and sediment control plan. If the Town of Buchanan determines additional funds are needed to satisfy the Owner(s) obligations to comply with the erosion control and/or stormwater ordinance the Town of Buchanan has the right to increase the financial guarantee.

- 9. Conditions for Release of Financial Guarantee. Conditions for the release of the financial guarantee are as follows:
 - a. The Town of Buchanan shall release the portion of the financial guarantee established to ensure installation of erosion and sediment control practices and/or stormwater management, less any costs incurred by the administering authority to complete the administration, plan review, inspections, and installation and maintenance of practices.
 - b. The release will occur after the erosion control and stormwater practices have been inspected by the administering authority and/or certified by a professional engineer.
- 10. Special Assessments/Charges. Any unpaid obligations guaranteed hereunder shall constitute special assessments under Section 66.0701 Wis. Stats. And/or special charges under Section 6.0627 Wis. Stats. For which the Owner(s) hereby consent to, expressly waiving notice and hearing otherwise required by law in further recognition that such special assessments/charges for guaranteed obligations hereunder shall constitute a lien on the real estate subject to this Guarantee, and that such special assessments and/or charges may be billed as part of the property tax bills issued for the real estate subject to this Guarantee.

Dated this day o	f, 20	
	,	Owner/Representative
Subscribed and sworn before me on This this day of	, 20	
	County	
State of Wisconsin My commission expires	, Notary Public	
		Town Chairperson
Subscribed and sworn before me on This this day of	, 20	
	County	
G CYY	, Notary Public	
State of Wisconsin My commission expires		

Standard Erosion Control Plan

for 1- & 2-Family Dwelling Construction Sites

According to Chapters Comm 20 & 21 of the Wisconsin Uniform Dwelling Code, soil erosion control information needs to be included on the plot plan which is submitted and approved prior to the issuance of building permits for 1- & 2-family dwelling units in those jurisdictions where the soil erosion control provisions of the Uniform Dwelling Code are enforced. This Standard Erosion Control Plan is provided to assist in meeting this requirement.

Instructions:

1. Complete this plan by filling in requested information, completing the site diagram and marking appropriate boxes on the inside of this form.

3. Submit this plan at the time of building permit application.

- 2. In completing the site diagram, give consideration to potential erosion that may occur before, during, and after grading. Water runoff patterns can change significantly as a site is reshaped.

SITE DIAGRAM	Scale: 1 inch =feet	— N —
		EROSION CONTROL PLAN LEGEND
		PROPERTY
		EXISTING DRAINAGE
		TD TEMPORARY DIVERSION
		FINISHED DRAINAGE
		LIMITS OF GRADING
		SILT FENCE
		STRAW BALES
		GRAVEL
		1 VEGETATION SPECIFICATIO
		TREE PRESERVATIO
		STOCKPILED

NOT APPLICABLE **EROSION CONTROL PLAN CHECKLIST** COMPLETED Check (V) appropriate boxes below, and complete the site diagram with necessary information. Site Characteristics North arrow, scale, and site boundary. Indicate and name adjacent streets or roadways. П Location of existing drainageways, streams, rivers, lakes, wetlands or wells. П Location of storm sewer inlets. Location of existing and proposed buildings and paved areas. The disturbed area on the lot. Approximate gradient and direction of slopes before grading operations. Approximate gradient and direction of slopes after grading operations. Overland runoff (sheet flow) coming onto the site from adjacent areas. **Erosion Control Practices** П Location of temporary soil storage piles. Soil storage piles should be placed behind a sediment fence, a 10 foot wide vegetative strip, or should be covered with a tarp or more than 25 feet from any downslope road or drainageway. Location of access drive(s). Note: Access drive should have 2 to 3 inch aggregate stone laid at least 7 feet wide and 6 inches thick. Drives should extend from the roadway 50 feet or to the house foundation (whichever is less). Location of sediment controls (filter fabric fence, straw bale fence or 10-foot-wide vegetative strip) that will prevent eroded soil from leaving the site. Location of sediment barriers around on-site storm sewer inlets. Location of diversions. Although not specifically required by code, it is recommended that concentrated flow (drainageways) be diverted (re-directed) around disturbed areas. Overland runoff (sheet flow)from adjacent areas greater than 10,000 sq. ft. should also be diverted around disturbed areas. Location of practices that will be applied to control erosion on steep slopes (greater than П 12% grade). Note: Such practices include maintaining existing vegetation, placement of additional sediment fences, diversions, and re-vegetation by sodding or seeding with use of erosion control mats. Location of practices that will control erosion on areas of concentrated runoff flow. Unstabilized drainageways, ditches, diversions, and inlets should be protected from erosion through use of such practices as in-channel fabric or straw bale barriers, erosion control mats, staked sod, and rock rip-rap. When used, a given in-channel barrier should not receive drainage from more than two acres of unpaved area, or one acre of paved area. In-channel practices should not be installed in perennial streams (streams with year round flow).

Location of other planned practices not already noted.

COMPLETED	NOT APPLICABLE	Indicate management strategy by checking () the appropriate box. Management Strategies
		Temporary stabilization of disturbed areas.
		Note: It is recommended that disturbed areas and soil piles left inactive for extended periods of time be stabilized by seeding (between April 1 and September 15), or by other cover, such as tarping or mulching.
		Permanent stabilization of site by re-vegetation or other means as soon as possible (lawn establishment).
		Indicate re-vegetation method: ☐ Seed ☐ Sod ☐ Other
		Expected date of permanent re-vegetation:
		 Re-vegetation responsibility of: Builder Owner/Buyer
		 Is temporary seeding or mulching planned if site is not seeded by Sept. 15 or sodded by Nov. 15? Yes No
		Use of downspout and/or sump pump outlet extensions.
		Note: It is recommended that flow from downspouts and sump pump outlets be routed through plastic drainage pipe to stable areas such as established sod or pavement.
		Trapping sediment during de-watering operations.
		Note: Sediment-laden discharge water from pumping operations should be ponded behind a sediment barrier until most of the sediment settles out.
		Proper disposal of building material waste so that pollutants and debris are not carried off-site by wind or water.
		Maintenance of erosion control practices.
		 Sediment will be removed from behind sediment fences and barriers before it reaches a depth that is equal to half the height of the barrier.
		 Breaks and gaps in sediment fences and barriers will be repaired immediately. Decomposing straw bales will be replaced (typical bale life is three months).
		 All sediment that moves off-site due to construction activity will be cleaned up before the end of the same workday.
		 All sediment that moves off-site due to storm events will be cleaned up before the end of the next workday.
		 Access drives will be maintained throughout construction.
		 All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.

EROSION CONTROL REGULATIONS

Erosion control and stormwater regulations can be complex. Local, state and, in some cases, federal regulations may apply. Before construction make sure you have the appropriate permits.

LOCAL ORDINANCES

Check with your county, city, village, or town for any local erosion control ordinances including shoreland zoning requirements. Except for new 1- & 2-family dwellings, local ordinances may be more strict than state regulations. They may also require erosion control on construction projects not affected by state or federal regulations.

UNIFORM DWELLING CODE (DEPT. OF COMMERCE)

CONTROLS REQUIRED

- Silt fences, straw bales, or other approved perimeter measures along downslope sides and side slopes.
- Access drive.
- Straw bales, filter fabric fences or other barriers to protect on-site sewer inlets.
- Additional controls if needed for steep slopes or other special conditions.

FOR MORE INFORMATION, CONTACT:

- Local building inspector
- Department of Commerce, Safety and Buildings Division, P.O. Box 7970, Madison, Wis. 53707-7970, (608) 267-5113.

STORMWATER PERMIT (DEPT. OF NATURAL RESOURCES)

CONTROLS REQUIRED

- Erosion control measures specified in the Wisconsin Construction Site Best Management Practice Handbook.
- Measures to control storm water after construction.

FOR MORE INFORMATION, CONTACT

 Department of Natural Resources, Storm Water Permits, P.O. 7921, Madison, WI 53707-7921, (608) 267-7694.

For more assistance on plan preparation, refer to the Wisconsin Uniform Dwelling Code, the DNR Wisconsin Construction Site Best Management Handbook, and UW–Extension publication Erosion Control for Home Builders. The Wisconsin Uniform Dwelling Code and the Wisconsin Construction Site Best Management Handbook are available through the State of Wisconsin Document Sales, (608) 266-3358.

Erosion Control for Home Builders (GWQ001) can be ordered through Extension Publications, (608) 262-3346 or the Department of Commerce, (608) 267-4405. A PDF version of Erosion Control for Home Builders (GWQ001) and Standard Erosion Control Plan are also available at http://clean-water.uwex.edu/pubs/sheets

This publication is available from county UW-Extension offices or from Extension Publications, 45 N. Charter St., Madison, WI 53715. (608) 262-3346 or toll-free (877) 947-7827. A publication of the University of Wisconsin–Extension in cooperation with the Wisconsin Department of Natural Resources and the Wisconsin Department of Commerce.





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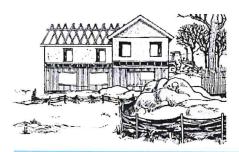
GWQ001A Standard Erosion Control Plan for 1 & 2 Family Dwelling Construction Sites

DNR WT-458-96

R-03-02-2M-10-S

Editing and design by the Environmental Resources Center, University of Wisconsin-Extension





Erosion Control for Home Builders

By controlling erosion, home builders help keep our lakes and streams clean. roding construction sites are a leading cause of water quality problems in Wisconsin. For every acre under construction, about a dump truck and a half of soil washes into a nearby lake or stream unless the builder uses erosion controls. Problems caused by this sediment include:



Taxes

Cleaning up sediment in streets, sewers and ditches adds extra costs to local government budgets.

Lower property values

Neighboring property values are damaged when a lake or stream fills with sediment. Shallow areas encourage weed growth and create boating hazards.

Poor fishing

Muddy water drives away fish like northern pike that rely on sight to feed. As it settles, sediment smothers gravel beds where fish like smallmouth bass find food and lay their eggs. Soil particles in suspension can act like a sand blaster during a storm and damage fish gills.

Nuisance growth of weeds and algae

Sediment carries fertilizers that fuel algae and weed growth.

Dredging

The expense of dredging sediment from lakes, harbors and navigation channels is paid for by taxpayers.

This fact sheet includes the diagrams and step-bystep instructions needed by builders on most home sites. Additional controls may be needed for sites that have steep slopes, are adjacent to lakes and streams, receive a lot of runoff from adjacent land, or are larger than an acre.

If you need help developing an erosion control plan or training your staff, contact your local building inspection, zoning or erosion control office.

Controlling Erosion is Easy

Erosion control is important even for home sites of an acre or less. The materials needed are easy to find and relatively inexpensive – straw bales or silt fence, stakes, gravel, plastic tubes, and grass seed. Putting these materials to use is a straightforward process. Only a few controls are needed on most sites:

- Preserving existing trees and grass where possible to prevent erosion;
- Revegetating the site as soon as possible;
- Silt fence or straw bales to trap sediment on the downslope sides of the lot;
- Placing soil piles away from any roads or waterways;
- Diversions on upslope side and around stockpilkes;
- Stone/rock access drive used by all vehicles to limit tracking of mud onto streets;
- Cleanup of sediment carried off-site by vehicles or storms;
- Downspout extenders to prevent erosion from roof runoff.

GWQ001 Erosion Control for Home Builders. Additional copies are available from Cooperative Extension Publications, 45 N. Charter St., Madison, WI 53715, 608/262-3346 (toll-free 877-947-7827) or Dept. of Commerce, P.O. Box 2509, Madison, WI 53701-2509, 608/267-4405.



A poorly installed silt fence will not prevent soil erosion. Fabric must be buried in a trench and sections must overlap (see diagram on back of this fact sheet).

WARNING! Extra measures may be needed if your site:

- is within 300 feet of a stream or wetland;
- is within 1000 feet of a lake;
- is steep (slopes of 12% or more);
- receives runoff from 10,000 sq. ft. or more of adjacent land;
- has more than an acre of disturbed ground.

For information on appropriate measures for these sites, contact your local building inspection, zoning or erosion control office.

Straw Bale or Silt Fence

- Install within 24 hours of land disturbance.
- Install on downslope sides of site parallel to contour of the land.
- Extended ends upslope enough to allow water to pond behind fence.
- Bury eight inches of fabric in trench (see back page).
- Stake (two stakes per bale).
- Leave no gaps. Stuff straw between bales, overlap sections of silt fence, or twist ends of silt fence together.
- Inspect and repair once a week and after every ½-inch rain. Remove sediment if deposits reach half the fence height. Replace bales after three months.
- Maintain until a lawn is established.

Soil Piles

- Cover with plastic and locate away from any downslope street, driveway, stream, lake, wetland, ditch or drainageway.
- Temporary seed such as annual rye or winter wheat is recommended for topsoil piles.

Access Drive

- Install an access drive using two-tothree-inch aggregate prior to placing the first floor decking on foundation.
- Lay stone six inches deep and at least seven feet wide from the foundation to the street (or 50 feet if less).
- Use to prevent tracking mud onto the road by all vehicles.
- Maintain throughout construction.
- In clay soils, use of geotextile under the stone is recommended.

Sediment Cleanup

- By the end of each work day, sweep or scrape up soil tracked onto the road.
- By the end of the next work day after a storm, clean up soil washed off-site.

Sewer Inlet Protection

- Protect on-site storm sewer inlets with straw bales, silt fences or equivalent measures.
- Inspect, repair and remove sediment deposits after every storm.

Downspout Extenders

- Not required, but highly recommended.
- Install as soon as gutters and downspouts are completed to prevent erosion from roof runoff.
- Use plastic drainage pipe to route water to a grassed or paved area.
 Once a lawn is established, direct runoff to the lawn or other pervious areas.
- Maintain until a lawn is established.

Preserving Existing Vegetation

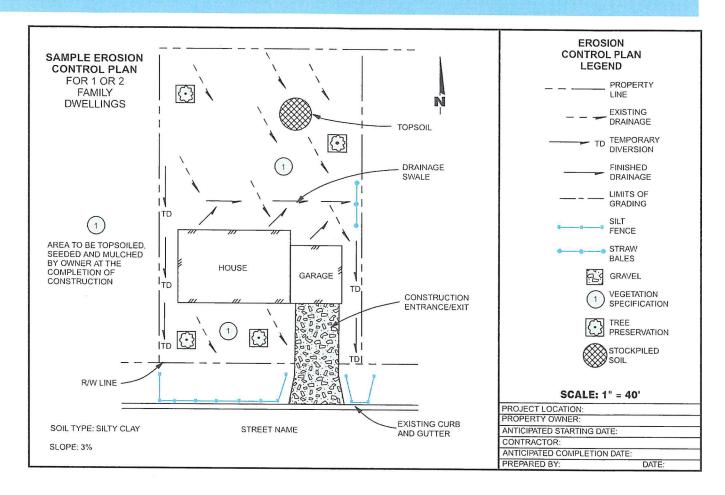
- Wherever possible, preserve existing trees, shrubs, and other vegetation.
- To prevent root damage, do not grade, place soil piles, or park vehicles near trees marked for preservation.
- Place plastic mesh or snow fence barriers around trees to protect the root area below their branches.

Revegetation

 Seed, sod or mulch bare soil as soon as possible. Vegetation is the most effective way to control erosion.

Seeding and Mulching

- Spread four to six inches of topsoil.
- Fertilize and lime if needed according to soil test (or apply 10 lb./1000 sq. ft. of 10-10-10 fertilizer).
- Seed with an appropriate mix for the site (see table).
- Rake lightly to cover seed with 1/4" of soil. Roll lightly.
- Mulch with straw (70-90 lb. or one bale per 1000 sq. ft.).
- Anchor mulch by punching into the soil, watering, or by using netting or other measures on steep slopes.
- Water gently every day or two to keep soil moist. Less watering is needed once grass is two inches tall.



Sodding

- Spread four to six inches of topsoil.
- Fertilize and lime if needed according to soil test (or apply 10 lb./1000 sq. ft. of 10-10-10 fertilizer).
- · Lightly water the soil.
- Lay sod. Tamp or roll lightly.
- On slopes, lay sod starting at the bottom and work toward the top. Laying in a brickwork pattern. Peg each piece down in several places.
- Initial watering should wet soil six inches deep (or until water stands one inch deep in a straight-sided container). Then water lightly every day or two to keep soil moist but not saturated for two weeks.
- Generally, the best times to sod and seed are early fall (Aug. 15-Sept. 15) or spring (May). If construction is completed after September 15, final seeding should be delayed. Sod may be laid until November 1. Temporary seed (such as rye or winter wheat) may be planted until October 15.

Mulch or matting may be applied after October 15, if weather permits. Straw bale or silt fences must be maintained until final seeding or sodding is completed in spring (by June 1).

Concrete Wash Water

 Dispose of concrete wash water in an area of soil away from surface waters where soil can act as a filter or evaporate the water. Dispose of remaining cement. Be aware that this water can kill vegetation.

De-Watering

 Dispose of de-watering water in a pervious area. Prevent the discharge of sediment from dewatering operations into storm sewers and surface waters.

Material Storage

 Manage chemicals, materials and other compounds to avoid contamination of runoff.

Typical Lawn Seed Mixtures

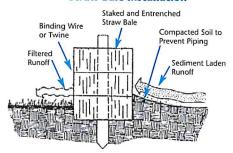
	Percent by Weight							
Grass	Sunny Site	Shady Site						
Kentucky bluegrass	65%	15%						
Fine fescue	20%	70%						
Perennial ryegrass	15%	15%						
Seeding ra (lb./1000 sq. f		4-5						

Source: R.C. Newman, Lawn Establishment, UW-Extension, 1988.

COMMONLY USED EROSION CONTROLS

Straw Bale Fences

Cross Section of Straw Bale Installation



Source: Michigan Soil Erosion and Sedimentation Control Guidebook, 1975.

How to Install a Straw Bale Fence



1. Excavate a 4" deep trench.



 Place bales in trench with bindings around sides away from the ground. Leave no gaps between bales.

Flow

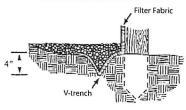
 Anchor bales using two steel rebars or 2" x 2" wood stakes per bale. Drive stakes into the ground at least 8".

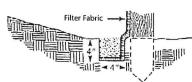


4. Backfill and compact the excavated soil.

Silt Fences

Cross Sections of Trenches for Silt Fences





Sources: North Carolina Erosion and Sediment Control Planning and Design Manual, 1988.

Flow

1. Excavate a 4" x 4" trench along the contour.

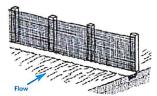


2. Stake the silt fence on downslope side of trench. Extended 8" of fabric into the trench.

How to Install a Silt Fence



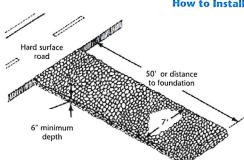
When joints are necessary, overlap ends for the distance between two stakes.



4. Backfill and compact the excavated soil.

Access Drive

How to Install an Access Drive



- 1. Install as soon as possible after start of grading.
- 2. Use two-to-three-inch aggregate stone.
- Drive must be at least seven feet wide and 50 feet long or the distance to the foundation, whichever is less.
- 4. Replace as needed to maintain six-inch depth.



GWQ001 Erosion Control for Home Builders

DNR WT-457-96 R-1-00-10M-25-S This publication is available from county UW-Extension offices or from Extension Publications, 630 W. Mifflin St., Madison, WI 53703. (608) 262-3346.

A publication of the University of Wisconsin–Extension in cooperation with the Wisconsin Department of Natural Resources.

Author: Carolyn Johnson, UW-Extension.

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Editing and design by the Environmental Resources Center, University of Wisconsin–Extension.





September 1, 2004

Erosion Control Application Checklist

			Per	mit#:				
Project Name:				Date:				
Please check the appropriate box: I = Included; NA	- Non	Annli	ooblo //////////////////////////////////	taura ma i t au			• .	
1 - Included, IVA -			cable (If "NA" is checked, an expl Applicant		n must b ning		LCD	
Plan Requirement	I	NA	Explanation / Location in Plan	I	NA	I	NA NA	
1. Cross sections and profiles of road ditches.				_			1112	
2. Culvert sizes.								
3. Direction of runoff flow (contours or runoff arrows).								
4. Watershed size for each contributing drainage area.								
Design discharge for ditches and structural measures (flow calculations).								
6. Runoff velocities in channels (feet/second, meters/second).								
7. Fertilizer and seeding rates (seed, fertilizer, and mulch).								
8. Time schedule for stabilizing exposed soil.								
Prevent gully and bank erosion and apply minimum standards for sheet and rill erosion.							9	
Description of how the site is to be developed (written description).								
 Provisions for sequential steps mitigating the erosive effect of land disturbing activities (list of erosion control devices). 		**						
 Provisions to prevent mud-tracking off-site onto public thoroughfares during construction (stone tracking pad). 								
 Any other information necessary to reasonably determine the location, nature, and condition of any physical or environmental features of the site. 								
 Any proposed changes to the erosion control plan must be submitted and approved. 	-							
Application Requirement	I	NA	Explanation / Location in Plan	I	NA	I	NA	
1. Copy of Preliminary Review Letter, if applicable.								
2. Copies of permits or approvals by other agencies.								
 Proposed schedule for completion and installation of all elements of the erosion control plan. 					ŧ			
 Estimated cost of completion and installation of all elements of the erosion control plan. 								
If stormwater management requirements are applicable, the storm	water ci	hecklist	must be attached.					

Indicates requirement must always be included

September 1, 2004

Permit #:

Stormwater Management Application Checklist

rro	ject Name:				Date:				
Ple	ase check the appropriate box: I = Included; NA	= Non	-Appli	cable (If "NA" is checked, an explo					
				Applicant		ning		CD	
1.	Plan Requirement Narrative describing the proposed project, including	I	NA	Explanation / Location in Plan	I	NA	I	NA	
	implementation schedule of designed practices.								
	Identification of the entity responsible for long-term maintenance of the project.								
3.	Map showing drainage areas for each watershed area.								
4.	No increase in peak discharge for 2 and 10-year 24-hour storm events and safely pass the 100-year 24-hour storm, including summary table. (runoff rates in cubic feet per second).*								
5.	Complete site plan and specifications.*								
6.	Engineered designs for all structural management practices.								
7.	For new development, trap 5 micron soil particle (80% reduction in TSS).								
8.	For redevelopment, trap 20 micron soil particle (40% reduction in TSS).								
9.	Treat runoff for control of oil and grease from commercial or industrial areas. (see ordinance)								
10.	Proof of stable outlet capable of carrying the design flow at a non-erosive velocity.								
11.	All downspouts, driveways, and other impervious areas shall be directed to pervious surfaces, where feasible.								
	Provisions and practices to reduce the temperature of runoff for sites that drain to a cold water resource.								
13.	Maintenance plan and schedule for all permanent stormwater management practices.								
		ı							
	Application Requirement	I	NA	Explanation / Location in Plan	I	NA	I	NA	
1.	Copy of Preliminary Review Letter, if applicable.								
2.	Proposed schedule for completion and installation of all elements of the stormwater management plan.								
3.	Estimated cost of completion and installation of all elements of the stormwater management plan.								
4.	Evidence of financial responsibility to complete work proposed in plan.								
5.	Copy of affidavit required to be recorded by s. for privately owned stormwater practices. (Notice)								

Indicates requirement must always be included

Stormwater Management Plan Notes

The summary table in plan requirement 4 must include the following:

- A) pre-existing peak flow rates
- B) post construction peak flow rates with no detention
- C) post construction peak flow rates with detention
- D) assumed runoff curve numbers
- E) time of concentration used in calculations

Complete site plan and specifications in plan requirement 5 must include the following:

- A) property lines and lot dimensions
- B) all buildings and outdoor uses, existing and proposed, including all dimensions and setbacks
- C) all public and private roads, interior roads, driveways and parking lots, showing traffic patterns and type of paving and surfacing material
- D) all natural and artificial water features
- E) depth to bedrock
- F) depth to seasonal high water table
- G) the extent and location of all soil types as described in the Outagamie County Soil Survey, slopes exceeding 12%, and areas of natural woodland or prairie.
- H) existing and proposed elevations
- I) elevations, sections, profiles, and details as needed to describe all natural and artificial features of the project
- J) soil erosion control and overland runoff control measures, including runoff calculations as appropriate
- K) detailed construction schedule
- L) copies of permits or permit applications required by any other governmental entities or agencies
- M) any other information necessary to reasonably determine the location, nature and condition of any physical or environmental features
- N) all existing and proposed drainage features
- O) the location and area of all proposed impervious surfaces
- P) the limits and area of the disturbed area

Buchanan

TOWN OF BUCHANAN
TOWN HALL
N178 COUNTY ROAD N
APPLETON, WISCONSIN 54915
(920) 734-8599 PHONE
(920) 734-9733 FAX

OCCUPANCY

PERMIT APPLICATION

www.townofbuchanan.org

Call for Inspection
48 HOUR ADVANCE NOTIFICATION REQUIRED

	OC	
Issued		

(920) 734-8599 PHONE (920) 734-9733 FAX	48 HOU		NOTIF		N REQUIRE	D!					
Buchanan Business Address		00000	intact ii ii	IO DEIOW		Suite/U	nit/Floor			Tenant is	
							□ New				
Buchanan Business Name	Busines	s Phone									
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Louinated Move-III Date		State Sales	s Tax Number								
Square Footage: Space Is Previous Occupant (if known)											
☐ Gross ☐ Sprinklered ☐ Leasable ☐ Unsprinklered											
Brief description of use:											
Category of permit use:							Do you pla	an to alter any o	f the followi	ng?	
	Financial Services	☐ Legal Ser			☐ Retail Sales			g Exterior	☐ HVAC		
	I Food & Beverage I Gas Station	☐ Medical S ☐ Office & A			□ Telecommur □ Warehouse/		☐ Buildin☐ Exterio			ing System	
☐ Employment Services ☐	Health Services	☐ Real Esta	ate Service	es [☐ Other		☐ Electric	cal System	☐ On-site		
Please be advised that approvals premises or portion thereof or to	s and permits are requir install exterior signage.	ed BEFORE th	ne commei	ncement (of any work inv	olving the er	nlargement, a	alteration or dem	olition of an	ny building,	
Applicant Informatio	n										
Applicant						Applica	nt's Phone				
Address						Applica	nt's Email				
City		State	Zi	p		Contact Person					
Owner Information (i	f different than	Applicar	nt)						-		
Owner of Business (Registered A	Agent)		Co	orporation	or LLC#	Owner's	Phone				
Address						Owner's	Email				
City		State	Zi	ip		Contact Person					
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It is hereby agreed between the under completed in strict compliance with the	rsigned and the Town of B	uchanan that all w	work perform	med as her	ein described, ac	cording to the	plans and spe	cifications herewiti	h presented,	shall be	
the owner and the Town of Buchanan	and guarantees the right t	o enter for require	ed inspectio	ons and inv	estigations. Appl	cant is obligat	ed to ensure fi	nal inspection is m	nat a contract ade.	t exists detween	
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Applicant Signature								Date	☐ Agent	☐ Contractor	
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Time:											
FEE RECEIVED \$	RECEIPT#		Date:		•		Inspector		Date:		
☐ Fee Added to Building			Permit 4	Approval	& Date	☐ Occu	ıpant		Date:		
Permit								INSPECTION CA	LL 920-734-	8599	
BPI-130 Occupancy Permit Application ((Kev. 3-19-2019)		□ Tow	n Copy (Ori	ginal)	□ Inspec	tor Copy		□ Owner/	Applicant Copy	