



# Building Guide

City of Underwood, Iowa  
Building and Safety Department

## Residential One Story Detached Accessory Structures

### How to Use This Guide

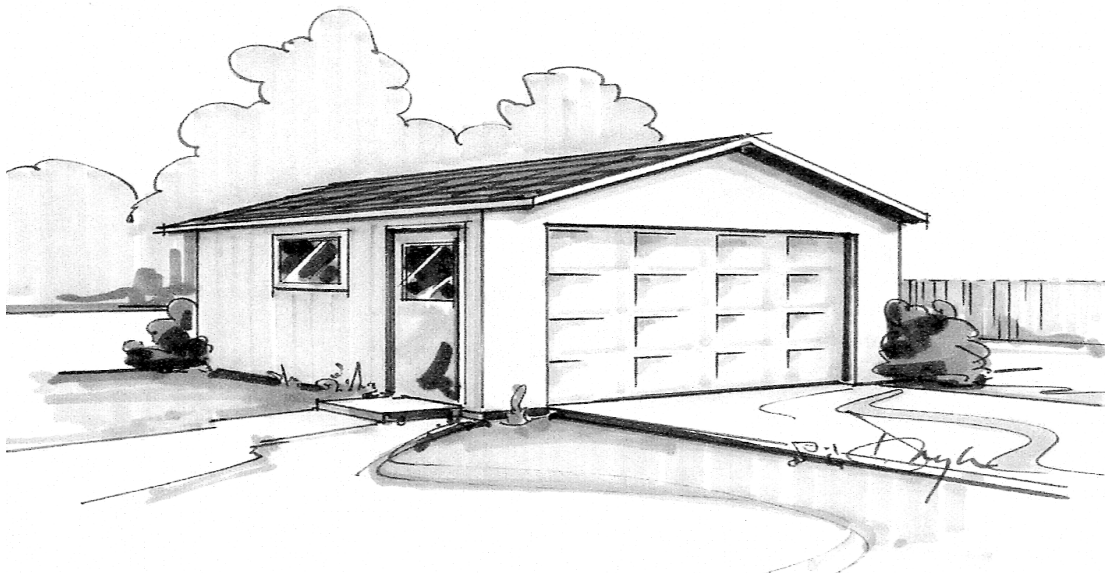
Provide two (2) sets of plans and complete the following: Minimum 11"x17"

**1) Complete this Building Guide** by filling in the blanks on page two (2) and three (3), and indicating which construction details will be used.

**2) Provide 2 Plot plans** (site plan) showing dimensions of your project or addition and its relationship to existing buildings or structures on the property and the distance to existing property lines, drawn to scale.

**3) Fill out a building permit application.**

The majority of permit applications are processed with little delay. The submitted documents will help determine if the project is in compliance with building safety codes, zoning ordinances and other applicable laws.



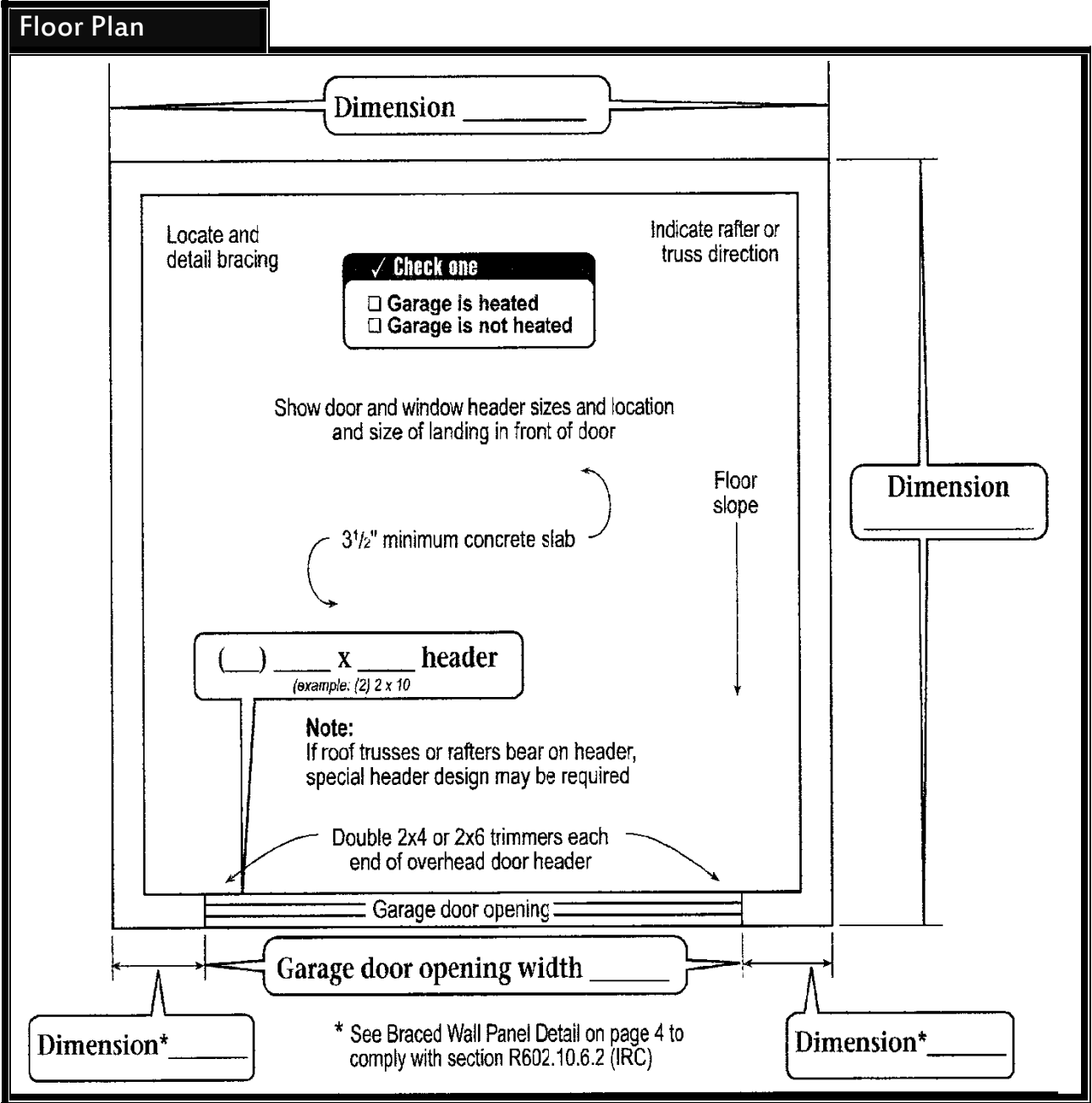
This handout was developed by the City of Underwood, Iowa Building & Safety Department as a basic Plan Submittal under the 2009 IRC. To help in questions that may arise in the application process. It is not intended to cover all circumstances or Code related issues as they pertain to individual projects.

# Residential One Story Detached Accessory Structure

## Directions

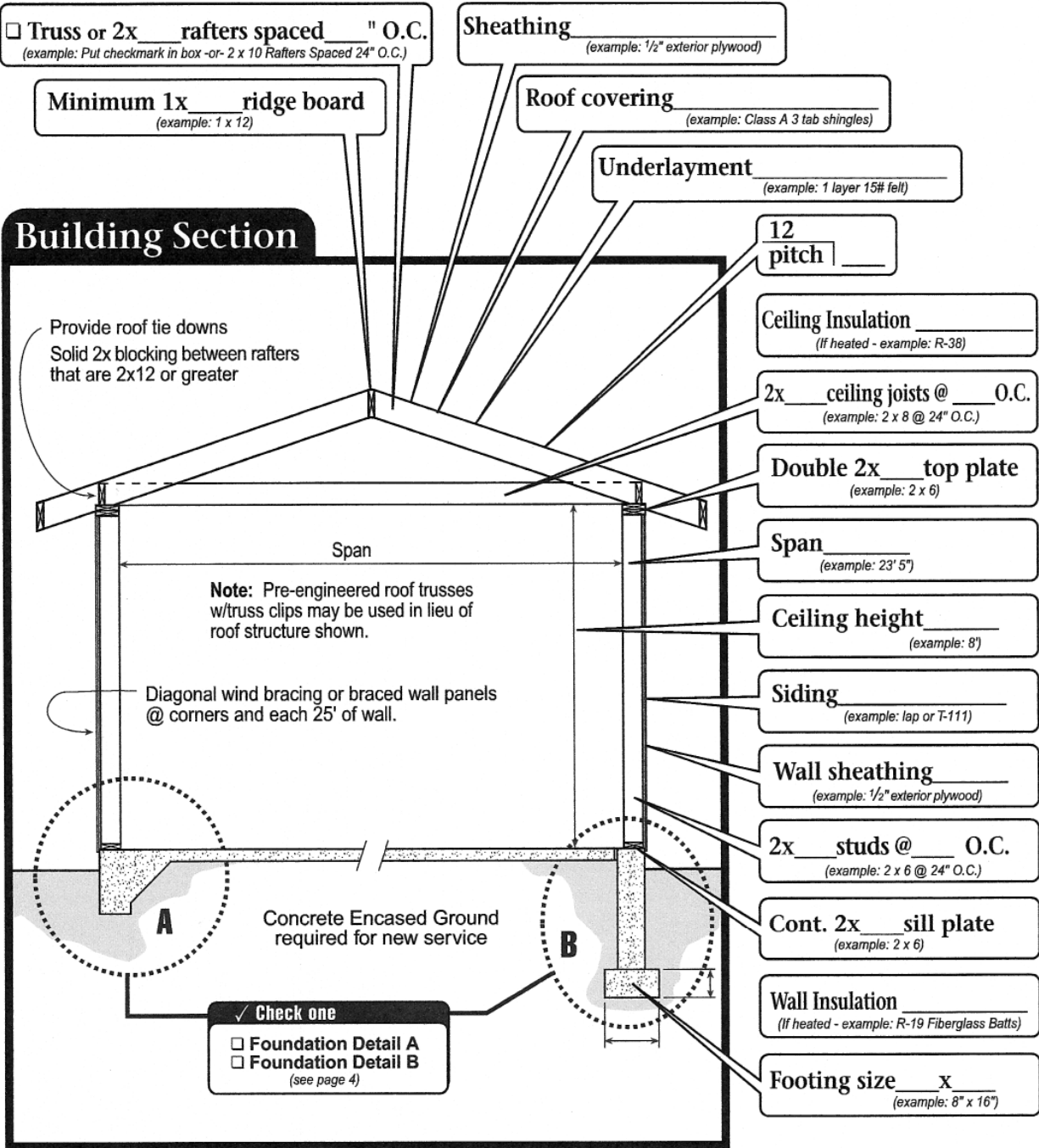
- 1) Fill in the blanks on pages 2 and 3 with dimensions and materials which will be used to build the structure. Please print legibly.
- 2) Indicate in the check boxes on page 3 which detail from page 4 will be used.

*Note: Heated garages may require special provisions.*



# Residential One Story Detached Accessory Structure

Note: For roofs with slopes less than 4:12, follow manufacturer's instructions for low slope application of roofing material.



**NOTE:**

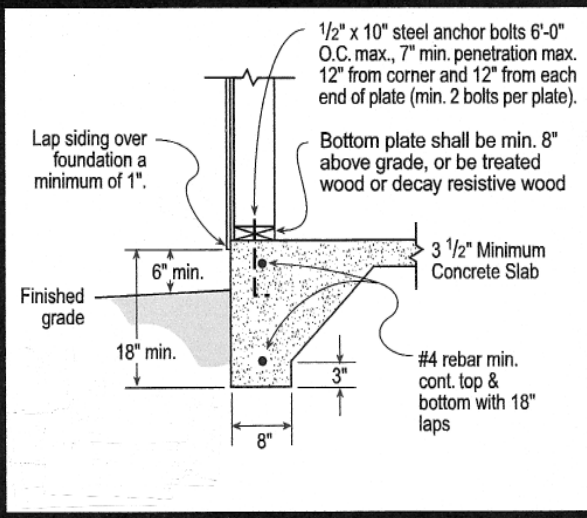
**Foundations Requirements:** An accessory utility building 240 square feet (e.g. 12' x 20'/exterior dimensions) and less of floor area shall have a foundation type A and an accessory utility building larger than 240 square feet of floor area shall have a foundation type B.

**Foundation A:** 240 Square feet or less

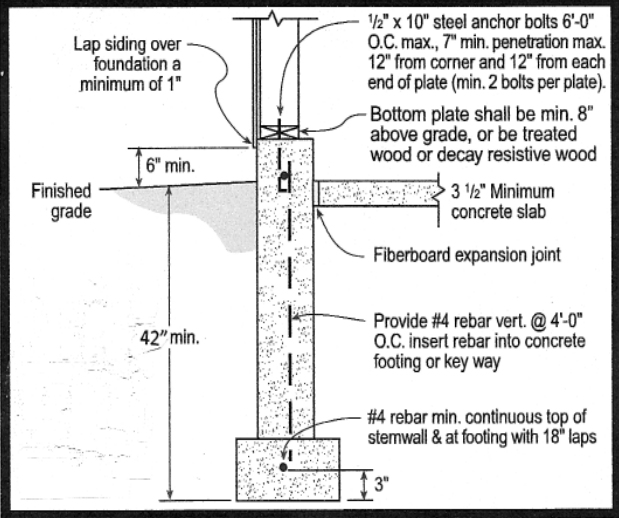
**Foundation B:** Larger than 240 square feet

# Residential One Story Detached Accessory Structure

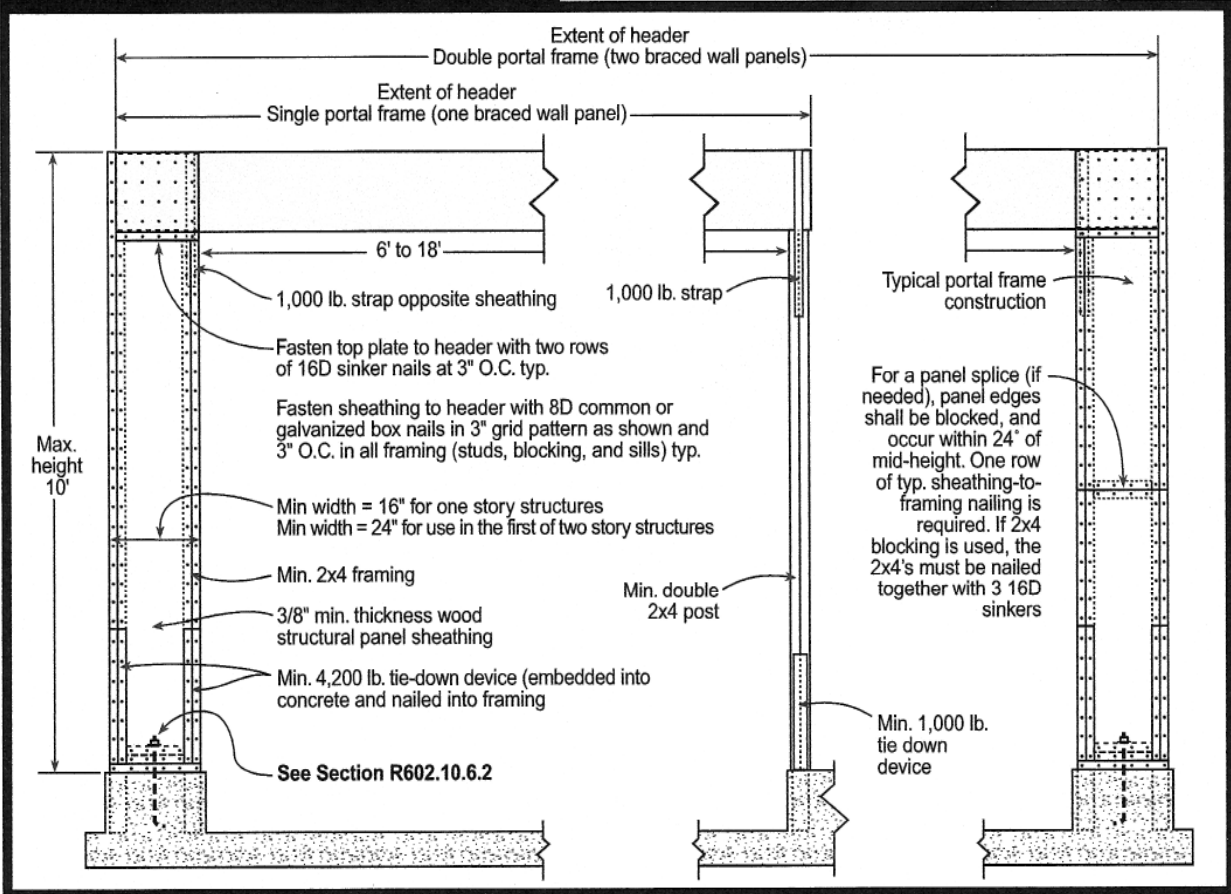
## Foundation Detail A



## Foundation Detail B



## Braced Wall Panel Detail





# City of Underwood, Iowa

BUILDING & SAFETY DEPARTMENT  
 INSPECTION LINE 712-256-6493  
 City Hall 712-566-2373  
 Fax 712-566-2083  
 P.O. Box 40  
 218 Second Street  
 Underwood, IA 51576

## ACCESSORY STRUCTURE PERMIT VALUATION WORKSHEET

Accessory Structure Valuation Schedule  
 (Standard Construction Valuation Multipliers)

BUILDING VALUATION OF	PER SQUARE FEET
Garage - Detached	\$ 28.00 per Sq. Ft.
Storage Building (Post & Truss Design)	\$ 10.75 per Sq. Ft.

Type of Building	Square Footage	Multiplier	Valuation
_____	_____	X _____	\$ _____
_____	_____	X _____	\$ _____
Permit Valuation			\$ _____

After calculating the square footage with the valuation multiplier above and determining your total permitted valuation. Use the Building Permit Fee Schedule below to determine your Building Permit along with figuring the Plan Review at 25% of the calculated Building Permit cost. The Plan Review will be a required deposit at the time of your application submittal. The Building Permit fees will be verified during plan review and collected at the time of permit issuance.

**Building Permit** \$ \_\_\_\_\_

**Plan Review** \$ \_\_\_\_\_

**Total Permit Fee** \$ \_\_\_\_\_

### BUILDING PERMIT FEE SCHEDULE (Title 1.50.105)

TOTAL VALUATION	FEE
\$1 to \$500	\$ 23.50
\$501 to \$2,000	\$ 23.50 for the first \$ 500.00 plus \$ 3.05 for each additional \$ 100.00, or fraction thereof, to and including \$ 2,000.00
\$2,001 to \$25,000	\$ 69.25 for the first \$ 2,000.00 plus \$ 14.00 for each additional \$ 1,000.00, or fraction thereof, to and including \$ 25,000.00
\$25,001 to \$50,000	\$ 391.75 for the first \$ 25,000.00 plus \$ 10.10 for each additional \$ 1,000.00, or fraction thereof, to and including \$ 50,000.00
\$50,001 to \$100,000	\$ 643.75 for the first \$ 50,000.00 plus \$ 7.00 for each additional \$ 1,000.00, or fraction thereof, to and including \$ 100,000.00
\$100,001 to \$500,000	\$ 993.75 for the first \$ 100,000.00 plus \$ 5.60 for each additional \$ 1,000.00, or fraction thereof, to and including \$ 500,000.00
\$500,001 to \$1,000,000	\$ 3,233.75 for the first \$ 500,000.00 plus \$ 4.75 for each additional \$ 1,000.00, or fraction thereof, to and including \$ 1,000,000.00
\$1,000,001 and up	\$ 5,608.75 for the first \$ 1,000,000.00 plus \$ 3.15 for each additional \$ 1,000.00, or fraction thereof...

TYPE OF BUILDING AREA	SQUARE FOOTAGE	MULTIPLIER	VALUATION
Garage (20' x 30')	600	X \$ 28.00	\$ 16,800.00

**PERMIT VALUATION \$ 16,800.00**

Proposed Total Valuation of \$16,800.00  
 For the first \$2,000 = \$69.25, plus \$14.00 for each additional \$1,000 or fraction thereof...  
 (\$16,800 - \$2,000 = \$14,800)  $(\frac{14,800}{1,000} \times 14.00) = 207.25 + 69.25 = 276.50$  [round to the nearest.25]

Building Permit Fee \$ 276.50  
 Plan Review Fee \$ 69.00 [25% (\$276.50 x .25)]  
**Total Permit Fee \$ 345.50**



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## SINGLE FAMILY RESIDENTIAL ACCESSORY STRUCTURES BUILDING PERMIT APPLICATION

	<b>Receipt Number</b>	<b>Total Permit Amount</b>	<b>Permit Number</b>
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<b>JOB SITE ADDRESS</b>	<b>PARCEL NUMBER</b>
<b>PROPERTY OWNER</b>	<b>PHONE NUMBER</b>
<b>PROPERTY OWNERS ADDRESS</b>	
<b>CONTRACTOR</b>	<b>PHONE NUMBER</b>
<b>CONTRACTOR MAILING ADDRESS</b>	

### CONSTRUCTION INFORMATION

<b>PROPOSED CONSTRUCTION DESCRIPTION</b>	
<b>ESTIMATED CONSTRUCTION VALUATION \$</b>	<b>PROPOSED BUILDING AREA (SQUARE FOOTAGE)</b>

<b>FLOOD PLAIN DATA</b>	Rate Map # 19155C0-	Flood Zone <input type="checkbox"/> .2% <input type="checkbox"/> AH <input type="checkbox"/> A <input type="checkbox"/> AO <input type="checkbox"/> AE <input type="checkbox"/> X	Floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No	Floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No
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PERMIT FEES	AMOUNT
After calculating the square footage with the valuation multiplier and determining your total permitted valuation. Use the Building Permit Fee Schedule and determine your Building Permit Fee. This permit fee will be verified during plan review and collected at the time of permit issuance. (See previous page )	<b>Building Permit Fee</b> \$
Figuring the Plan Review Fee at 25% of the calculated Building Permit Fee cost. The Plan Review Fee will be a required deposit at the time of your permit application submittal. (See previous page )	<b>Plan Review Fee (submittal deposit)</b> \$
	<b>Total Amount</b> \$

I will save, indemnify, and keep harmless the City of Underwood, Iowa its officers, employees, and agents against all liabilities, judgments cost, and expenses which may accrue against them in consequence of the granting of this permit, inspections, or use of any on-site or off-site improvements placed by virtue hereof, and will in all things strictly comply with all applicable rules, ordinance, and laws. Signature constitutes an attestation by the applicant that application complies with all covenants, conditions, and restrictions.

**APPLICANTS SIGNATURE** \_\_\_\_\_ **DATE** \_\_\_\_\_

<b>Issued By</b> _____	<b>Date</b> _____
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