



RETAINING WALL CONSTRUCTION PERMIT APPLICATION

CITY OF UNDERWOOD, IOWA
Building & Safety Department

241 Third Street
P.O. Box 40
Underwood, IA 51576
Telephone: (712) 566-2373
Fax: (712) 566-2083
Inspection Request: (712) 309-2935

	Permit Amount	Township	Permit Number
JOB SITE ADDRESS:		PARCEL NUMBER:	
LEGAL DESCRIPTION: <input type="checkbox"/> Attachment			ACREAGE:
ZONING DISTRICT : <input type="checkbox"/> OS-A Open Space- Agriculture <input type="checkbox"/> R-1 Single Family Residential District <input type="checkbox"/> R-2 Two Family Residential District <input type="checkbox"/> R-3 Multiple Family Residential District <input type="checkbox"/> R-1M Single Family Mobile/Manufactured Home Residential District <input type="checkbox"/> DC Downtown Commercial District <input type="checkbox"/> CC Corridor Commercial District <input type="checkbox"/> M-1 Light Industrial District <input type="checkbox"/> M-2 General Industrial District <input type="checkbox"/> FP Flood Plain District <input type="checkbox"/> FW Flood Way District			
PROPERTY OWNER:		PHONE NUMBER:	
PROPERTY OWNERS ADDRESS:		STATE:	ZIP CODE:
GENERAL CONTRACTOR NAME:		STATE LICENSE #:	PHONE NUMBER:
CONTRACTOR MAILING ADDRESS:		STATE:	ZIP CODE:

Property Type/Use: Commercial / Industrial
 Residential
 Multi-Family
 Other _____

Class of Work:
 New
 Addition
 Alteration
 Repair
 Replacement

The wall/fence as described below is totally within the boundaries of the property.
 Yes
 NO

The wall/fence as described below is located on the property line.
 Yes
 No

See the attached notarized authorization letter from the adjacent property owner.
 Yes
 No (If Required)

CONSTRUCTION INFORMATION	
PROPOSED CONSTRUCTION DESCRIPTION:	

ESTIMATED CONSTRUCTION COST:
\$

PERMIT FEES	AMOUNTS
After calculating the square footage with the permit 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. <i>(see next page to figure cost)</i>	Building Permit Fee Receipt #:
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. <i>(see next page to figure cost)</i>	Plan Review Fee <i>(submittal deposit)</i> Receipt #:
	Total Amount

I have indicated all natural and man-made water courses which may have impact on or be impacted by the proposed retaining wall, block wall or fence. I understand and agree that should the City of Underwood determine that this retaining wall, block wall or fence be detrimental to the safe flow of any water course, this permit will be rendered invalid immediately. I further agree that if I fail to adhere to the above requirements, the retaining wall, block wall or fence may be abated, removed or altered at my expense. I certify that I have read this Application and state that the above information is correct. I agree to comply with the City ordinances and state laws relating to building construction.

APPLICANTS SIGNATURE _____ DATE _____

Issued By:	Date:
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BUILDING PERMIT FEE SCHEDULE

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

PLANS ATTACHED NO PLANS

_____ Lineal Feet @ 6' and Higher x \$4.75 = _____ Permit Valuation

_____ Lineal Feet @ 4' and Higher x \$3.50 = _____ Permit Valuation

Note: Wall measured in overall height from bottom of footing to finished top of wall.

Building Fee: \$ _____

Bldg Plan Review Fee: \$ _____

Total Fee: \$ _____

EXAMPLE ONLY

_____ 250 _____ Total Lineal Feet. @ 4' to 6' High x \$3.50 = _____ \$875.00 _____ Permit Valuation

Lineal Feet to Square Footage

_____ 250 _____ Total Lineal Feet @ 4' to 6' High x \$3.50 = _____ \$875.00 _____ Permit Valuation

Proposed Total Permit Valuation of \$875.00

For the first \$500.00 = \$23.50, plus \$3.05 for each additional \$100.00 or fraction thereof...
(\$875.00 - \$500.00 = \$375.00) ($\frac{\$875.00}{100} = 8.75 \times \$3.05 = \$26.69 + \$23.50 = \$50.19$)

[NOTE: ROUND TO THE NEAREST \$.25]

Building Permit Fee \$ 50.25

Plan Review Fee \$ 12.50 [25% (\$50.25 x .25)]

Total Barrier Permit Fee \$ 62.75

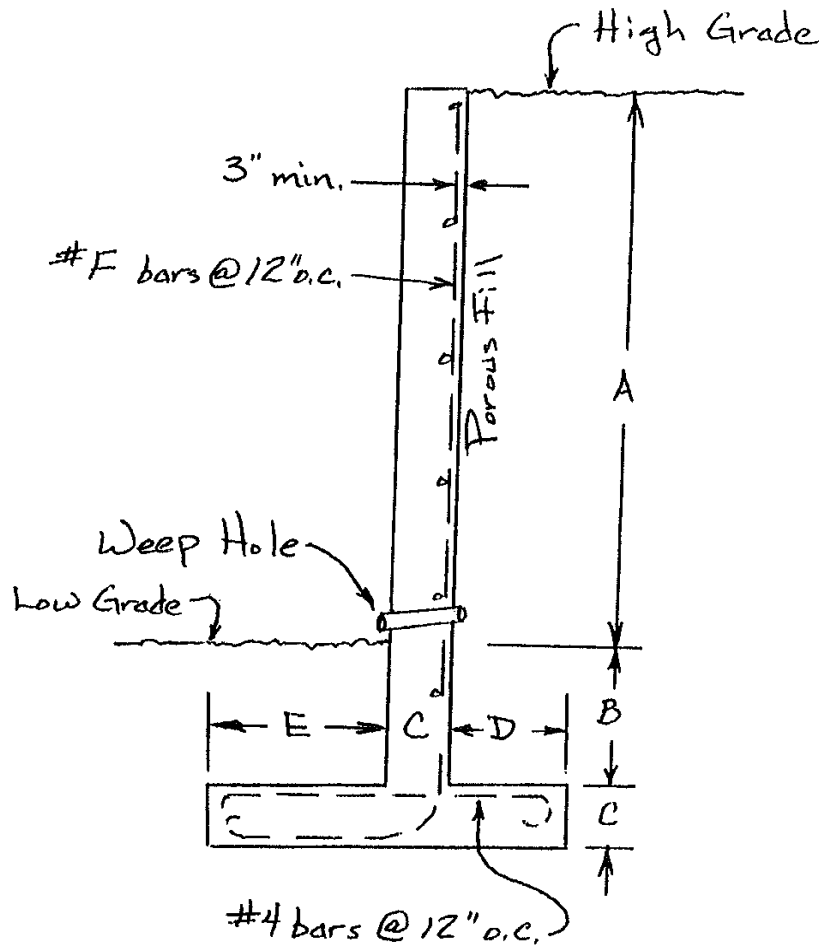
EXAMPLE ONLY

**Please make be certain that you want to proceed with this project when you submit your application.
 The fees that you submit are not refundable once the application is submitted.**

REINFORCED CONCRETE RETAINING WALLS CANTILEVER TYPE

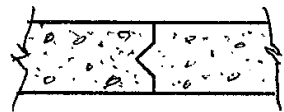
A	B	C	D	E	F
10'	30"	12"	26"	38"	#8
8'	31"	11"	21"	34"	#6
6'	33"	9"	18"	25"	#6
4'	34"	8"	12"	14"	#4

Weep Holes to be two inch p.v.c. at ten feet on center.



REINFORCED CONCRETE RETAINING WALLS

Designs are based on adequate soil to resist to pressure and an angle of repose of thirty-three degrees, which is for average soil. Horizontal bars to prevent cracking are to be #3 rods, at two feet on center, with construction joints thirty feet apart. If construction joints are omitted, heavier bars must be used. No surcharge has been figured in the design of these walls.



Plan View
Construction Joint

