

# Permit Card

POST ON SITE



Garfield County  
 Building and Planning Department  
 108 8th Street, Suite 401  
 Glenwood Springs, CO 81601  
 Phone: (970)945-8212  
 Fax: (970)384-3470

Permit NO. **BLRE-4-11-1983**

Permit Type: **Residential Building**  
 Work Classification: **Addition**

Issue Date: **Not Issued**

Expires: **01/01/2999**

## AGREEMENT

In consideration of the issuance of the permit, the applicant hereby agrees to comply with all laws and regulations related to the zoning, location; construction and erection of the proposed structured for which this permit is granted, and further agrees that if the above said regulations are not fully complied with in the zoning, location, erection and construction of the above described structure, the permit may then be revoked by notice from the County Building department and IMMEDIATELY BECOME NULL AND VOID.

**Residential Building**

**Parcel #:239129205034**

Owner's Name: <u>Alex Loeffler</u>	Owner's Phone: <u>310-817-1655</u>
Job Address: <u>91 Schooner LANE</u> <u>CARBONDALE, CO</u>	Total Square Feet: <u>684</u>

Contractor(s)	Phone	Primary Contractor	Work Description: Attach garage addition
Koru	(970)963-0577	Yes	

### Inspection Scheduling Code

Inspection	IVR	Comments	Pass	Date
Footers	105		J.W.	5-9-11
Foundation Walls	110		J.W.	5-11-11
Framing	115		J.W.	6-28-11
Drywall	120		J.W.	7-6-11
Final	125			
Misc	135	LATH	J.W.	7-6-11
Insulation	160		J.W.	6-30-11
Grout	175			
Mechanical	405			
UG Plumbing	605			
Rough Plumbing	610			
Gas	620	RE-CONNECT 5-4-11 J.W.	J.W.	5-3-11

ELE. RI OK BF 6/21/11  
 ELE. FINAL OK BF 8/9/11

C.O. DETECTORS INSTALLED

ADDITIONAL INSPECTIONS MAY BE REQUIRED  
 POST THIS IN CONSPICUOUS PLACE WHEN CONSTRUCTION IS STARTED

For Inspections Call: 1-888-868-5306

## Brutsaert Engineering LLC

320 Main St., Suite 203  
Carbondale, CO 81623  
Phone (970) 379-8310  
Fax (970) 963-9395

June 8, 2011

Re:

Loeffler Residence  
0091 Schooner Ln  
Carbondale CO, 81623

Twimc Garfield County Building Dept:

This letter is in regards to changes to the structural plans dated 4-19-11 by Brutsaert Engineering. The following framing elements have been changed:

1. The header over a 6'-0" door opening along the North facing wall shall be (3) - 1.75 x 7.25 LVL.
2. The roof framing rafters Shall be 11 7/8" TJI/560 @ 12" O.C.
3. The new ladder framing at the roof shall be supported by (4) - 11 7/8" LVL bolted together with two rows of 1/2"Ø bolts @ 24" O.C.
4. The marriage line between old an new construction at the roof shall be (3) - 11 7/8" LVL. Further attachment per detail 5/S2.
5. The ledger at the Garage door opening shall be a 3 x 12 with rafters let in 1 1/4". Hangers specified in structural plans can be omitted. The ledger shall be attached per note 5.

Sincerely,

Hein Brutsaert P.E.

Koru, LTD -  
 417 MAIN ST.  
 SUITE Y  
 CARBONDALE, CO 81623  
 (970) 963-0577

WE, Koru LTD., HEREBY ARE PRESENTING WITH THIS LETTER  
 A CHANGE TO STRUCTURAL PLANS TO WORK ON THE  
 LOEFFLER RESIDENCE, 0091 SCHOONER LANE, CARBONDALE,  
 COLORADO, PERMIT # BLRE-1983

FOR PROPOSED CHANGES, SEE ROOF FRAMING AND  
 FOUNDATION PLAN DATED (ON STAMP) 4-28-11 FROM  
 BRUTSAERT ENGINEERING, LLC.

CHANGES INCLUDE REMOVAL OF ONE BUILDING - ATTACHED  
 RETAINING WALL AND CHANGES TO THE LOCATIONS  
 OF ALL NEW DOORS & WINDOWS.

Inserted into plans 5/6/11 *MB*

THANK YOU



MIKE CHMURA  
 PROJECT MANAGER  
 970 618 2383

Loeffler, Alex

BLRE-4-11-1983

BP amendment @ 91 Schooner Ln, Carbondale  
 Stirling Ranch PUD, Lot 34

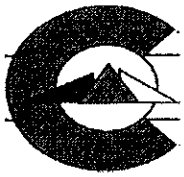


**Koru, Ltd.**  
**417 Main St.**  
**Carbondale, Co 81623**  
**P: 970.963.0577**  
**F: 970.963.9389**

**LOEFFLER ADDITION**  
**0091 SCHOONER LANE**  
**CARBONDALE, COLORADO**  
**GARFIELD COUNTY**

***PROJECT INFORMATION***

PROJECT NAME	LOEFFLER ADDITION
PROJECT ADDRESS	0091 SCHOONER LANE CARBONDALE, COLORADO 81623
CLIENT NAME	ALEX & KJERSTEN LOEFFLER
BILLING ADDRESS	0091 SCHOONER LANE CARBONDALE, COLORADO 81623
CONTACT INFORMATION	ALEX - (310) 817-1655
PARCEL I.D.	2391-292-05-034
PERMIT NUMBER	
PROJECT ARCHITECT	JESS PEDERSEN
STRUCTURAL ENGINEER	HEIN BRUTSAERT
HOA	STIRLING RANCH JERRY (970) 948-7324



Garfield County  
 Building & Planning Department  
 108 8th Street Suite 401  
 Glenwood Springs, CO 81601-  
 Phone: (970)945-8212 Fax: (970)384-3470

**Permit NO. BLRE-4-11-1983**  
**Permit Type: Residential Building**  
**Work Classification: Addition**  
**Permit Status: Active**

**Issue Date: Not Issued** **Expires: 01/01/2999**

Project Address	Parcel No.	Subdivision	Section	Township	Range
<b>91 Schooner LANE CARBONDALE, CO</b>	<b>239129205034</b>	<b>STIRLING RANCH PUD RESUB C</b>			

Owner Information	Address	Phone	Cell
<b>Alex Loeffler</b>	<b>CO</b>	<b>310-817-1655</b>	

Contractor(s)	Phone	Primary Contractor
<b>Koru</b>	<b>(970)963-0577</b>	<b>Yes</b>

**Required Inspections:**  
 For Inspections call: **1(888)868-5306**

Proposed Construction / Details  
 Attach garage addition

Valuation:	<b>\$ 16,326.00</b>
Total Sq Feet:	<b>684</b>

Inspection	IVR
<b>See Permit Record</b>	

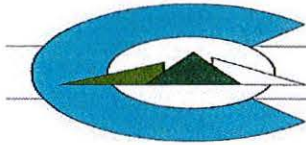
**FEES DUE**

Fee	Amount
Plan Check Fee	\$181.51
Residential Building Fee	\$279.25
<b>Total:</b>	<b>\$460.76</b>

**FEES PAID**

Inv Total	Paytype	Amt Paid	Amt Due
<b>Inv # BLRE-4-11-20949</b>			
\$ 460.76	Check # 7384	\$315.65	
	Check # 7370	\$145.11	
			<b>\$ 0.00</b>

**Building Department  
Copy**



# Garfield County

108 8<sup>th</sup> Street, Suite 401, Glenwood Springs, CO 81601  
 Ph: 970-945-8212 Fx: 970-384-3440 Inspection Line: 888-868-5306  
[www.garfield-county.com](http://www.garfield-county.com)

## BUILDING PERMIT APPLICATION

1	Parcel No: (this information is available at the assessors office 970-945-9134) <b>2391-292-05-034</b>	Lot No: <b>28</b>	Block No:	Subd/Exemption: <b>STIRLING RANCH</b>
2	Job Address: (if an address has not been assigned, please provide CR, HWY or Street Name & City) or and legal description <b>0091 SCHOONER LANE CARBONDALE CO 81623</b>			
3	Owner: (property owner) <b>KJERSTEN &amp; ALEX LOEFFLER</b>	Mailing Address: <b>0091 SCHOONER LN (#)</b>	Ph: <b>(310) 817-1655</b>	Alt Ph: <b>MIKE</b>
4	Contractor: <b>KORU, LTD</b>	Mailing Address: <b>417 MAIN ST, SUITE Y, COALE</b>	Ph: <b>963-0577</b>	Alt Ph: <b>618-2383</b>
5	Manufactured home installer:	Mailing Address:	Ph:	Lic #:
6	Architect: <b>JESS PEDERSEN</b>	Mailing Address: <b>222 MAIN ST., COALE</b>	Ph: <b>704-0243</b>	Alt Ph:
7	Engineer: <b>HEIN BRUTSAERT</b>	Mailing Address: <b>320 MAIN ST., SUITE 203, COALE</b>	Ph: <b>379-8310</b>	Alt Ph:
8	Sq. Ft. of Building: <b>684</b>	Sq. Ft. or Acres of Lot: <b>3.26</b>	Height: <b>25'</b>	No. of Floors: <b>1</b>
9	Use of Building: <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Other	Class of Work: <input type="checkbox"/> New <input type="checkbox"/> Alteration <input checked="" type="checkbox"/> Addition <input type="checkbox"/> Repair <input type="checkbox"/> Demo <input type="checkbox"/> Move		
10	Describe Work: <b>GARAGE ADDITION</b>			
11	Garage: <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Detached	Septic: <input checked="" type="checkbox"/> ISDS <input type="checkbox"/> Community	Type of Heat: <b>NONE IN GARAGE</b> <input type="checkbox"/> Nat. Gas <input type="checkbox"/> Propane <input type="checkbox"/> Electric <input type="checkbox"/> Other	
12	Driveway Permit: <b>N/A</b>	Owners valuation of Work: <b>\$45,000</b>		

### NOTICE

**Authority.** This application for a Building Permit must be signed by the Owner of the property, described above, or an authorized agent. If the signature below is not that of the Owner, a separate letter of authority, signed by the Owner, must be provided with this Application.

**Legal Access.** A Building Permit cannot be issued without proof of legal and adequate access to the property for purposes of inspections by the Building Department.

**Other Permits.** Multiple separate permits may be required: (1) State Electrical Permit, (2) County ISDS Permit, (3) another permit required for use on the property identified above, e.g. State or County Highway/ Road Access or a State Wastewater Discharge Permit.

**Void Permit.** A Building Permit becomes null and void if the work authorized is not commenced within 180 days of the date of issuance and if work is suspended or abandoned for a period of 180 days after commencement.

### CERTIFICATION

I hereby certify that I have read this Application and that the information contained above is true and correct. I understand that the Building Department accepts the Application, along with the plans and specifications and other data submitted by me or on my behalf (submittals), based upon my certification as to accuracy.

Assuming completeness of the submittals and approval of this Application, a Building Permit will be issued granting permission to me, as Owner, to construct the structure(s) and facilities detailed on the submittals reviewed by the Building Department.

In consideration of the issuance of the Building Permit, I agree that I and my agents will comply with provisions of any federal, state or local law regulating the work and the Garfield County Building Code, ISDS regulations and applicable land use regulations (County Regulation(s)). I acknowledge that the Building Permit may be suspended or revoked, upon notice from the County, if the location, construction or use of the structure(s) and facility(ies), described above, are not in compliance with County Regulation(s) or any other applicable law.

I hereby grant permission to the Building Department to enter the property, described above, to inspect the work. I further acknowledge that the issuance of the Building Permit does not prevent the Building Official from: (1) requiring the correction of errors in the submittals, if any, discovered after issuance; or (2) stopping construction or use of the structure(s) or facility(ies) if such is in violation of County Regulation(s) or any other applicable law.

Review of this Application, including submittals, and inspections of the work by the Building Department do not constitute an acceptance of responsibility or liability by the County of errors, omissions or discrepancies. As the Owner, I acknowledge that responsibility for compliance with federal, state and local laws and County Regulations rest with me and my authorized agents, including without limitation my architect designer, engineer and/ or builder.

I HEREBY ACKNOWLEDGE THAT I HAVE READ AND UNDERSTAND THE NOTICE & CERTIFICATION ABOVE:

**OWNERS SIGNATURE** 16A Korp **DATE** 4/12/11

**PR 4-11-11**  
**CR 7370 \$145.11**

### STAFF USE ONLY

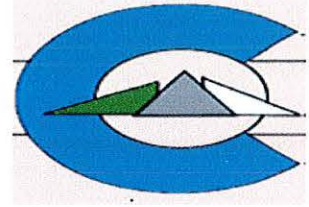
Special Conditions:				
Adjusted Valuation: <b>16,326.00</b>	Plan Check Fee: <b>181.51</b>	Permit Fee: <b>279.25</b>	Manu home Fee: <b>—</b>	Misc Fees: <b>—</b>
Total Fees: <b>460.76</b>	Fees Paid: <b>145.11</b>	Balance Due: <b>315.65</b>	BP No & Issue Date: <b>-1983</b>	ISDS No & Issued Date: <b>04/11/11</b>
Setbacks: <b>F 50', R 50', S 50'</b>	OCC Group: <b>IRC</b>	Const Type: <b>IRC</b>	Zoning: <b>PUD</b>	
BLDG DEPT: <u>W. Burtz/forward 4/25/11</u>			PLNG DEPT: <u>W. Burtz/forward 4/25/11</u>	
APPROVAL			APPROVAL	
DATE			DATE	

# Building Plan Review

**Description of Work:** Attach garage addition

**Bin #:**

**Location Address:** 91 Schooner LANE  
CARBONDALE, CO



## General Information

**Case Manager:** David Bartholomew

**Plan Case Number:** BLDG-4-11-6813

**Parcel:** 239129205034

**Application Date:** 04/12/2011

## Contacts

**Owner:** Alex Loeffler

**Applicant:** Alex Loeffler

**Applicant Phone:** 310-817-1655

**Email:**

## Building

- Engineered Foundation
- Driveway Permit
- Surveyed Site Plan
- Septic Permit and Setbacks
- Grade/Topography 30%
- Attach Residential Plan Review List
- Minimum Application Questionnaire
- Subdivision Plat Notes
- Fire Department Review
- Valuation Determination/Fees
- Red Line Plans/Stamps/Sticker
- Attach Conditions
- Application Signed
- Plan Reviewer To Sign Application
- Parcel/Schedule No.
- 40# Snowload Letter - Manu. Homes
- Soils Report

## Planning/Zoning

- Property Line Setbacks
  - 30ft Stream Setbacks
  - Flood Plain
  - Building height
  - Zoning Sign-off
  - Road Impact Fees
  - HOA/DRC Approval
  - Grade/Topography 40%
  - Planning Issues
  - Subdivision Plat
- General Comments:**

## VALUATION FEE DETERMINATION

<b>Applicant</b>	Alex Loeffler	<b>Subdivision</b>	Stirling Ranch
<b>Address</b>	91 schooner Ln, Carbondale	<b>Lot/Block</b>	Lot # 28
<b>Date</b>	4/25/2011	<b>Contractor</b>	Koru, LTD

**Finished (Livable Area):**

Main		sq.ft			
Upper		sq.ft			
Lower		sq.ft			
Other		sq.ft X	\$74.68		
<b>Total</b>	Square Feet	<b>0 sq.ft</b>			
<b>Total</b>	Valuation				<b>0.00</b>

**Basement:**

Unfinished		sq.ft X	\$41.00		
Conversion of Unfinished to Finished		sq.ft X	\$33.68		
Other		sq.ft X			
<b>Total</b>	Valuation				<b>0.00</b>

Garage/Storage (wood framed)		635 sq.ft X	\$18.00		
Conversion of garage to finished living		sq.ft X	\$56.68		
Carport		sq.ft X	\$12.00		
Other		sq.ft X			
<b>Total</b>	Valuation				<b>11,430.00</b>

Crawl Space		sq.ft X	\$9.00		
<b>Total</b>	Valuation				<b>0.00</b>

Decks/ Patios/Porches					
Covered		204 sq.ft X	\$24.00		
Open		sq.ft X	\$12.00		
Other		sq.ft X			
<b>Total</b>	Valuation				<b>4,896.00</b>

**Commercial**

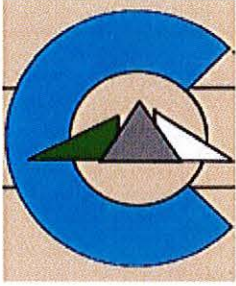
Type of Construction:

**Occupancy:**

		sf X			
		sf X			
		sf X			
		sf X			
		sf X			
		sf X			
<b>Total</b>	Valuation				<b>0.00</b>

**Total Valuation** **16,326.00**





GARFIELD COUNTY  
Building & Planning Department  
108 8<sup>th</sup> Street, Suite 401  
Glenwood Springs, Colorado 81601  
Telephone: 970.945.8212 Facsimile: 970.384.3470  
[www.garfield-county.com](http://www.garfield-county.com)

## SINGLE FAMILY OR DUPLEX BUILDING PERMIT

NOTE: In order to understand the scope of work intended and to expedite the issuance of a permit, it is important that complete information be provided. Please review this document to determine if you have adequate information to design your project and to facilitate a plan review.

### SINGLE FAMILY OR DUPLEX BUILDING PERMIT APPLICATION CHECKLIST

This checklist is to be used with all single family dwelling construction.

**APPLICATION FORM:** Please make sure the following information is provided on the application.

- Parcel number obtained from the County Assessor's Office.
- Job address (assigned physical address)
- Legal Description: lot, block, filing, subdivision or tract, section, township and range.
- Owners name, mailing address, phone, fax, or cell.
- Contactors name, mailing address, phone, fax, or cell.
- Architect/Engineer's name, mailing address, phone, fax or cell.
- Building size, height, number of stories, lot size.
- Use of building (residential)
- Class of Work (new, addition, alteration, repair, demo, move, other)
- Description of work.
- Type of heating (natural gas, propane, electric, other).
- Sewer system (Community or ISDS), also see other items below.
- Garage (attached or detached).
- Driveway permit (please see other items below)
- Valuation (labor and materials) see attached worksheet.

### OTHER ITEMS:

- If you anticipate obtaining a water-tap from the City of Rifle, please provide a letter indicating that the City will provide water service. (Required to submit building permit application).
- ISDS requires a septic permit application to be submitted with the building permit application.
- A separate electrical permit must be obtained from the State of Colorado Electrical Board.
- Prior to submittal of a building permit, you are required to show proof of legal and adequate access to the site. This may include proof of right to use a private easement, County Road & Bridge permit, or Colorado Department of Highway permit, including a Notice to Proceed. The County Road & Bridge Department can be reached at 970-625-8601.
- If you anticipate excavating or grading prior to issuance of a building permit, you will be required to obtain a separate grading permit.
- If you belong to a Homeowners Association (HOA), it is your responsibility to obtain written approval, if required.
- Provide copies of any Resolutions and/or Land Use Permits associated with this property.
- Additional Dwelling Units may require Administrative Review.
- Minimum dwelling dimension is 20 ft wide x 20 feet long.
- A Colorado State Licensed Electrician and Plumber must perform installation and hook-ups, unless the homeowner is performing the work.

**BUILDING PLANS:** Two (2) sets of plans must be submitted. Plans must be 18"x24" minimum size, complete, identical, legible, and to scale. All plans will be checked at the counter for completeness. If any of the required information is missing, the building permit application cannot be accepted.

**SITE PLAN:** Please make sure the following information is provided on the site plan.

- Property address/legal description.
- North Arrow and Scale on each page.
- Show all property lines, building envelopes, flood plain, and easements.
- Provide setback distances from boundaries, buildings, septic, well, and waterways.
- Location and direction of the county or private road and driveway accessing the property.
- Proposed and existing structures include sheds, barns, decks, patios, and any other buildings.
- Existing and proposed grade, positive drainage around structure (to be contained on site).
- Streams, rivers, creeks, springs, ponds and ditches.
- Existing and proposed wells, septic tanks, leach fields, and other systems. (if applicable)
- Retaining walls (engineer stamped detail required for walls over four (4) ft, measured from bottom of footing to top of wall).

**NOTE:** Any site plan depicting the placement of any portion of the structure within fifty (50) feet of a property line or not within an established building envelope shall be prepared, stamped, and signed by a licensed surveyor. For structures to be built within a building envelope, provide a copy of the recorded subdivision final plat with the proposed structure located in the building envelope.

**ARCHITECTURAL PLANS:** Please provide the following information on the architectural plans.

- Minimum four (4) elevations (N,S,E,W) Indicate height of building measured from existing grade to the midpoint between the ridge and eave of a gable or shed roof or to the top of a flat roof.
- Floor plans for each level including dimensions and scale noted.
- Clearly label each room or space (bedroom, bath, kitchen, closet, etc).
- Show the location of the mechanical equipment.
- Building cross sections with construction details.
- Window sizes, types, and operation noted on the floor plans or elevations.
- Specify roof slope/pitch, roof covering, and siding materials.
- Stair and guard details specifying rise, run, height and spacing.
- Attic, roof, and crawlspace ventilation details. Indicate size and location of ventilation openings.
- Minimum insulation shown for walls, floors, roofs/ceilings, slabs, basements and crawlspaces.
- Provide stove and fireplace make, model, EPA or Colorado Phase II Certification. Masonry fireplaces shall be designed to the International Residential Code (IRC) requirements.

**STRUCTURAL PLANS:** Please provide the following information on the structural plans.

- Design specifications to include roof and deck snow load, wind and seismic design, frost depth.
- Foundation plan showing complete footing and foundation dimensions.
- Footing and foundation details specifying reinforcement and referenced on plans.
- Framing plans for each floor level and roof. All beams, columns, joists, rafters, and trusses specified. Pre-manufactured structures require the engineers stamp, signature, and date.
- Framing /connection details, braced wall lines, shear wall schedule, location and hold downs.

**NOTE:** If any required information is missing, delays in issuing the permit are to be expected. If determined by the Building Official that additional information is necessary to review the application and/or plans for compliance, the application may be placed on hold until the required information is provided. Work may not proceed without the issuance of a permit.

The building department will collect a Plan Review fee at time of application submittal. The permit fee, as well as any Septic or Road Impact fees will be collected when the permit is issued.

The permit application must be signed by the owner or by person having written authority from the owner to act as their representative.

Building cannot be occupied until a Certificate of Occupancy (CO) is issued. Using the building without a CO will be considered an illegal occupancy and may be grounds for vacating the premises. (Final/CO inspection requirements will be attached to your approved field set of plans.)

**I hereby acknowledge I have read, understand, and will abide by the requirements of this checklist.**

\_\_\_\_\_  
Signature of Owner                      Date      4/12/11

**Garfield County Building & Planning**  
**108 8<sup>th</sup> Street, Suite 401**  
**Glenwood Springs, CO 81601**  
**Phone: 970-945-8212 Fax: 970-384-3470**  
**[www.garfield-county.com](http://www.garfield-county.com)**

# GARFIELD COUNTY

## BUILDING REQUIREMENTS

**Codes:** 2009 IRC, IBC, IFGC, IMC, IPC, 2009 IECC.

**Setbacks:** Check subdivisions and zone district for setback requirements.

**Snowload (measured at the roof! Not ground):** 40PSF up to 7000ft. elevation.

50PSF 7001ft to 8000ft.

75PSF 8001ft to 9000ft.

100PSF 9001 to 10000ft.

**Seismic design category:** B

**Weathering probability for concrete:** Severe.

**Termite infestation probability:** None to slight.

**Wind speed:** 90mph.

**Decay probability:** None

**Wind Exposure:** B or C (see section R301.2.1.4)

**Frost Depth:** 36in. to 8000ft. elevation. 42in. 8001 and above.

**Winter Design Temperature:** Minus 2 to 7000ft.; minus 16 over 7000ft. elevation.

**Air Freezing Index:** 2500deg F-days to 7000ft.; over 7000ft. to be determined by Building official

**Ice shield under-layment required.**

**Mean Annual temp:** Variable

**Insulation:** Windows/doors  $U=.35$ , Skylights  $U=.6$ , TBL 402.1.1, 2009 IECC.

Minimum R-Values:

- Ceilings/roofs R values are R-38 stick built structures. R38 log construction and steel rafter construction.
- Walls R values are R-20 wood frame. See Table 402.2.5 2009 IECC for steel framing
- Floors R-values are R-30 or enough to fill cavity.
- Basement wall R-values are R-10 /13.
- Slab perimeter R-values and depth is R-10/24in.
- Crawl space wall R-value are R10/13.

If floors over crawl space are not insulated, the crawl space walls must be insulated. Basement wall must be insulated to frost depth. Common walls garage to house must have R-20 insulation. Common ceiling/floor garage to house must have R-20. Take precautions to protect plumbing in these areas.

**BOARD OF COUNTY COMMISSIONERS OF GARFIELD COUNTY  
CERTIFICATION AND AFFIDAVIT  
REGARDING ILLEGAL ALIENS**

The Contractor, whose name and signature appears below, certifies and agrees as follows:

1. The Contractor shall comply with the provisions of C.R.S. 8-17.5-101 *et seq.* The Contractor shall not knowingly employ or contract with an illegal alien to perform work for the Board of County Commissioners of Garfield County, Colorado ("BOCC") or enter into a contract with a subcontractor that knowingly employs or contracts with an illegal alien.

2. The Contractor represents, warrants, and agrees that it has verified that it does not employ any illegal aliens; that it has participated or attempted to participate in the Basic Pilot Employment Verification Program administered by the Social Security Administration and Department of Homeland Security; and otherwise shall comply with the requirements of C.R.S. 8-17.5-102(2)(b).

3. The Contractor shall comply with all reasonable requests made in the course of an investigation under C.R.S. 8-17.5-102 by the Colorado Department of Labor and Employment. If the Contractor fails to comply with any requirement of this provision or C.R.S. 8-17.5-101 *et seq.*, the BOCC may terminate work for breach and the Contractor shall be liable for actual and consequential damages to the State.

4. If the Contractor is a sole proprietor, the undersigned hereby swears or affirms under penalty of perjury under the laws of the State of Colorado that (check one):

I am a United States citizen, or

I am a Permanent Resident of the United States, or

I am lawfully present in the United States pursuant to Federal law.

I understand that this sworn statement is required by law because I am a sole proprietor entering into a contract to perform work for the BOCC. I understand that state law requires me to provide proof that I am lawfully present in the United States prior to starting work for the BOCC. I further acknowledge that I will comply with the requirements of C.R.S. 24-76.5-101 *et seq.* and will produce the required form of identification prior to starting work.

I acknowledge that making a false, fictitious, or fraudulent statement or representation in this sworn affidavit is punishable under the criminal laws of Colorado as perjury in the second degree under C.R.S. 18-8-503.

CERTIFIED and AGREED to this 11<sup>th</sup> day of April, 2011.

CONTRACTOR:

Koen, Ltd  
(Contractor Full Legal Name)

20-3717321  
FEIN or Social Security Number

By: [Signature]  
Signature of Authorized Rep

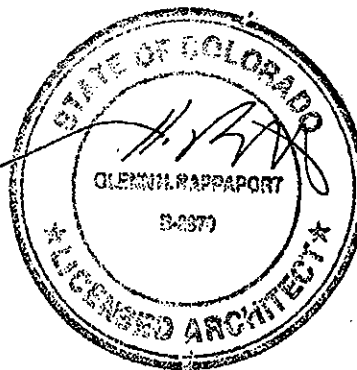
PRESIDENT  
Title

03  
24  
11

Loeffler Garage Addition Review

Stirling Ranch D.R.B. Meeting Notes:  
0091 Schooner Ln. Lot 28  
3.17.2011 5:30 pm  
Weather: Snowing.

Present:  
Lindsay Harris Stirling Ranch Drb  
Kjeraten Loffler- Owner  
Jeff Bier- Realtor  
Ants Culwick- Contractor  
Jess Pederson- Project Architect  
Glenn Rappaport- DRB Review Architect



Discussed:

1. General Visual Impact: None
2. Neighbor Concerns: None
3. Materials: Proposed light colored stucco and dark soffit are generally consistent with the design intent of the existing structure.
4. Shed roof and scale are compatible with existing project garage structure.
5. Overhang on expansion mimics overhang on existing garage.
6. Project Architect ( Jess Pedersen) has stated that there are no dimensional or zoning issues with this proposal.

Approval:

Garage addition design approval is granted based on the drawing set dated 3.15. 2011 and the color zerox renderings handed out at the meeting .

a:

Submitted by:

Glenn H. Rappaport AIA  
Principal  
Black Shack Architects

black shack office

post office box 1847  
basalt colorado 81621  
blackshackoffice.com  
ph 970 927 0635  
fx 970 927 0654



Hepworth-Pawlak Geotechnical, Inc.  
5020 County Road 154  
Glenwood Springs, Colorado 81601  
Phone: 970-945-7988

Fax: 970-945-8454  
email: hpgeo@hpgeotech.com

June 15, 2006

Dave Cardiff Construction  
Attn: Dave Cardiff  
506 Mesa Verde  
Carbondale, Colorado 81623

Job No. 106 0517

Subject: Observation of Excavation, Proposed Residence, Lot 28, Sterling Ranch,  
0091 Schooner Lane, Missouri Hights, Garfield County, Colorado.

Dear Mr. Cardiff:

As requested, a representative of Hepworth-Pawlak Geotechnical, Inc. observed the excavation at the subject site on June 2, 2006 to evaluate the soils exposed for foundation support. The findings of our observations and recommendations for the foundation design are presented in this report. The services were performed in accordance with our agreement for professional engineering services to Dave Cardiff Construction, dated May 31, 2006. Hepworth-Pawlak Geotechnical, Inc. previously conducted a subsoil study on the lot for construction of a proposed spa building and presented our findings in a report dated March 13, 2002.

The proposed residence will be a two story wood frame structure over a basement level. The attached garage and basement floors will be slab-on-grade.

At the time of our visit to the site, the foundation excavation had been cut in one level from 2 to 6 feet below the adjacent ground surface. The footings were in-place and we understand that it was constructed about 2 years ago and has been exposed to the weather since. The footings are about 20 inches in width. The exterior of the vertical reinforcement for the foundation walls appears rusted. The soils exposed in the bottom of the excavation adjacent the footings consisted of sandy silty clay. The soil between the footings was loose from weathering to a depth of about 3 to 4 inches. There are weeds growing in the bottom of the excavation. Results of swell-consolidation testing performed on samples of the clay taken from the site, shown on Figure 1, indicate the soils have low to moderate compressibility under conditions of loading and wetting. One

sample showed a low expansion potential when wetted under a constant light surcharge. No free water was encountered in the excavation and the soils were slightly moist.

Considering the conditions exposed in the excavation and the nature of the proposed construction, spread footings placed on the undisturbed natural soil designed for an allowable soil bearing pressure of 2,000 psf, as recommended in our previous report, should be adequate for support of the proposed residence. The existing foundation should be surveyed to determine if any differential movement has occurred from frost heave, thawing and wetting of the bearing soils from precipitation. The exposed steel reinforcement should be evaluated for integrity and the rust removed. The clay soils tend to have variable settlement/heave potential when wetted and there could be some post-construction movement of the foundation if the bearing soils become wet. Exterior footings should be provided with adequate soil cover above their bearing elevations for frost protection. Continuous foundation walls should be reinforced top and bottom to span local anomalies such as by assuming an unsupported length of at least 12 feet. Foundation walls acting as retaining structures should also be designed to resist a lateral earth pressure based on an equivalent fluid unit weight of at least 55 pcf for on-site soil as backfill. A perimeter foundation drain should be provided to prevent temporary buildup of hydrostatic pressure behind the basement walls and prevent wetting of the lower level. An impervious membrane, such as 20 mil PVC, should be provided below the drain gravel in a trough shape and attached to the foundation wall with mastic to prevent wetting of the bearing soils. Structural fill placed within floor slab areas can consist of the on-site soils compacted to at least 95% of standard Proctor density at a moisture content near optimum. Backfill placed around the structure should be compacted and the surface graded to prevent ponding within at least 10 feet of the building. Irrigation sprinkler heads and landscaping which requires regular heavy irrigation, such as sod, should be located at least 5 feet from foundation walls.

The recommendations submitted in this letter are based on our observation of the soils exposed within the foundation excavation and do not include subsurface exploration to evaluate the subsurface conditions within the loaded depth of foundation influence. This study is based on the assumption that soils beneath the footings have equal or better support than those exposed. The risk of foundation movement may be greater than



Dave Cardiff Construction  
June 15, 2006  
Page 3

indicated in this report because of possible variations in the subsurface conditions. In order to reveal the nature and extent of variations in the subsurface conditions below the excavation, drilling would be required. It is possible the data obtained by subsurface exploration could change the recommendations contained in this letter. Our services do not include determining the presence, prevention or possibility of mold or other biological contaminants (MOBC) developing in the future. If the client is concerned about MOBC, then a professional in this special field of practice should be consulted.

If you have any questions or need further assistance, please call our office.

Sincerely,

HEPWORTH – PAWLAK GEOTECHNICAL, INC.

Jordy Z. Adamson, Jr., P.E.

Rev. by: DEH

JZA/kmm

attachment Figure 1 – Swell-Consolidation Test Results

cc: Timberline Engineering – Attn: Dave Powell

