## ENT 48326:2005 PG 1 of 3 RANDALL A. COVINGTON UTAH COUNTY RECORDER 2005 May 04 4:13 pm FEE 33.00 BY SS RECORDED FOR SUNRISE RIDGE AT SPRINGVI

## **AFFIDAVIT**

The undersigned being first duly sworn, deposes and states as follows:

1. On or about March 23, 2005 a soils engineering report was completed on the following described property:

Lots 1-20 Plat "A" Spring Haven Subdivision, according to the official plat thereof, on file and of record in the office of the Utah County Recorder.

- 2. A true and correct copy of the report is attached.
- 3. The facts set forth in the attached report by Earthec Testing & Engineering, P.C. are true and correct to the best of my knowledge and belief.

Dates this 4<sup>th</sup> day of May, 2005.

Envision Development, LLC Sunrise Ridge at Springville, LLC

L. Kay Heaps, Manager/Member

Subscribed and sworn before me this 4<sup>th</sup> day of May 2005.

D MICHELLE RODEBACK
MOTARY PUBLIC • STATE of UTAH
1220 N MAIN ST
STE 2
SPRINGVILLE, UT 84863
COMM. EXP. 10/29/2008

NOTARY PUBLIC



## Earthtec Testing & Engineering, P.C.

133 North 1330 West Orem, Utah - 84057 Phone (801) 225-5711 Fax (801) 225-3363 1596 W. 2650 S. #108 Ogden, Utah - 84401 Phone (801) 399-9516 Fax (801) 399-9842

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March 23, 2005

Kay Heaps Envision Development PO Box 717 Springville, Utah 84663

Subject:

Additional Water Control Measures

Spring Haven Subdivision - 1500 North 2300 West

Lehi, Utah

Job No. 04E-937

Dear Mr. Heaps:

We understand that because of unforeseen water level fluctuations, you have decided to install a subsurface drainage system around each home in the subject subdivision. The individual drains will gravity flow to a collection pipe which will eventually discharge into an area wide drain on 900 North Street.

This letter is written to confirm our conversation of March 22, 2005 regarding the details of the individual systems. As discussed, the drains should consist of a 4-inch perforated pipe enveloped in fabric wrapped gravel. The gravel should be a 3/4-inch to 1.5 inch clean drain gravel. The fabric should be Mirafi 140N or an approved equivalent. The highest flowline elevation of the pipe should be at the bottom of the footing and be carefully sloped to avoid bellies at the manufacturer's recommended grade so that the collected water will gravity flow to the discharge point. Roof downspouts should not be connected to the perforated drain.

In addition to the subsurface drain, we understand that you will create an access through the basement floor slab in each of the homes so that a pumped sump can be installed in the future event of a possible plugged drain system.

The construction of a drain around each home will allow consistency with the elevation of the homes with respect to the top back of curb elevation. Establishing the top of the foundation wall at a distance of 4 feet above the top back of curb elevation appears to be appropriate.

To verify that these slab elevations are appropriate, we recommend that each excavation be inspected. If a substantial upward change in the water level is noted, the depths of the basements may be required to be adjusted or eliminated.

Spring Haven Subdivision Lehi, Utah March 23, 2005 Page 2

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We appreciate the opportunity to be of service. If we can answer additional questions or be of further assistance, please call.

Sincerely,

EARTHTEC TESTING AND ENGINEERING P.C

Steven L. Smith, P.E.

Principal Engineer

Earthtec