

Bureau of Environmental Health

7178 Gateway Drive (410) 313-2640

Columbia, MD 21046 Fax (410) 313-2648

TDD (410) 313-2323

Toll Free 1-866-313-6300

website: www.hchealth.org

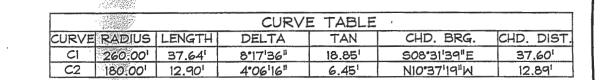
Maura J. Rossman, M.D., Health Officer

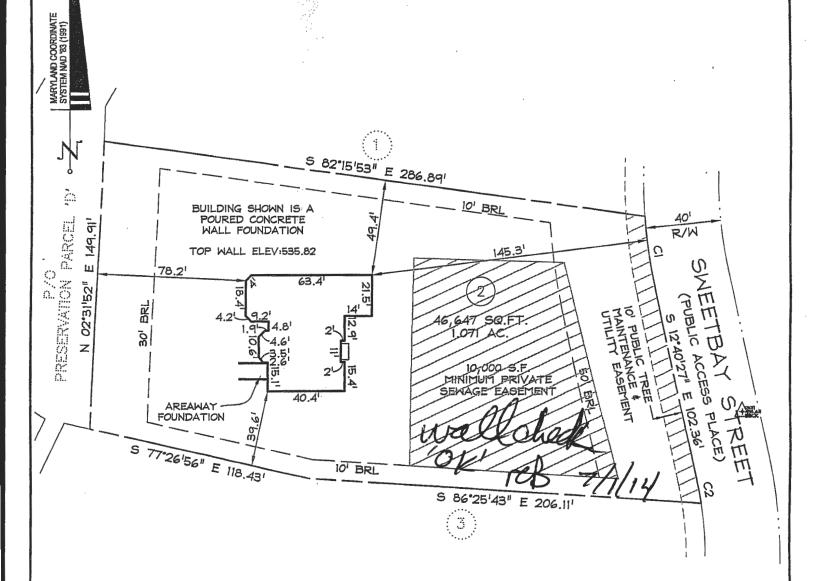
RECEIPT D	ATE: 6/24/14 ONSITE SEWAGE DISPOSAL SYSTEM	554521
INSTALLAT APPROVAL D	ATE: 9.29-14	
	CONSTRUCTION	
	DDRESS: 15324 Sweetbay Street	04.070070
	Belle Haven Estates LOT: 2 TAX ID:	
	R: Ben Lewis Plumbing EMAIL:	
	ANDRESS: 23407 Frederick Road, Clarksburg, MD 20871 PHONE	
	WNER: KHovnanian Homes EMAIL: RESS: 1802 Brightseat Road, Landover, MD 20785 PHONE	
BAT UNIT MC	DEL: HOOT BNR 600 BAT UNIT SIZE: 600G	PD
PUMP CHAM	BER CAPACITY (GALLONS): <b>750GPD</b> PUMP SIZE:	
NUMBER OF	BEDROOMS: 4 HOUSE SQ. FT. APPLICATION	RATE: <b>0.8</b>
DISTRIBUTIO	N SYSTEM: GRAVITY FED 🖂 LOW PRESSURE DOSED 🗌	
	LINEAR FEET REQUIRED: SEE BAT PLAN 100' INLET DEPTH	SEE BAT PLAN 3
TRENCHES:	TRENCH WIDTH: SEE BAT PLAN (O) INLET DEPTH  SEE BAT PLAN (A) MAXIMUM BOTTOM DEPTH	SEE BAT PLAN 6.
	MINIMUM SPACE BETWEEN TRENCHES: SEE BAT PLAN  EFFECTIVE AREA BEGINNING DEPTH	SEE BAT PLAN
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STATEMENT OF SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	AKED BY LICENSED
	Set BAT unit per plan.	
NOTES:		
ISSUED BY:	Robert Bricker ISSUE DATE: 7.3014 EXPIRATION I	DATE: 1.3016
NOTE: CONT	RACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INS	STALLATION
	RACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR	
	E MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FO RTIGHT SEPTIC TANKS REQUIRED	K KEVIEW.
NOTE: ALL P	ARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WE	Щ
	HOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS ECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF TH	IE SYSTEM
	P THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS DESDO	

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT. CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

	1		
NOT TO SCA  WH  SA  ROAD N  PRE-CONSTRUCTION:  8/25/14 GAA-COLOR  NOT TO SCA	AME  Table 2000 to	. 01	BOTTOM 6.5 S 2 DOO' + SW VEL CAS FFLE COS RT CO GAL CO GAL CO GAL GAL GAL
sie plan. BAT tonk st	Kes OK, Ton	ch specis ok, call	405
INSTALLATION: 8/26/14 Trend  1 x 50' transh after pro  8/27/141 Site inspection made  beak towerds track. (Ku  016 to come whe comples  9/8/14 As-built record of  3tert-up for final of	lete. Trancles  8/20/14 BAT  10. Need as-built  Afuld from 10  provid Com	complete. Fire. on unit installed. SHO to Gran contractor (	stuted  AT
FINAL INSPECTOR	DATE	OF APPROVAL	-





## SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I EITHER PERSONALLY PREPARED OR WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEYING WORK REFLECTED IN IT, AND THAT IT IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN REGULATION .12 OF CHAPTER OG, MINIMUM STANDARDS OF PRACTICE. I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 239, EXPIRATION DATE 7/6/14.

Andread 1/2 Sunthing 5-23-14

Barrick Dispatch Barrick Sale 301-845-6343 301-845-6341 We are an Equal Opportunity Employer

S.W. Barrick & Sons WOODSBORO, MARYLAND

> Mailing Address: P.O. Box 1504 Laurel, Maryland 20725

**INSPECTOR'S COPY** 

**BILLING INQUIRIES** 1-800-762-2294

TICKET #01063507

STATION B

DATE 08/26/14 TIME 07:23:08

CUSTOMER LEWBEN

BEN LEWIS INC. 23407 FREDERICK RD CLARKSBURG, MD 20871

TRUCK 548A LICENSE DRIVER: DEESE TRUCKING

TN

SCALE B (STORED)

68700 15 24880 15 43820 16

3 AXLES

21.91

JOB BELHAV : BELL HAVEN

P.O. # 30587 PROJECT #: 70- R 978- R UNION CHAPEL RD-L BRIDALWREATH CT. TO ADD "2803"

Loads

LOT 2

DAILY

TOTAL TIME IN 07:23:08

Tons 21.91 90.50

TIME OUT 07:23:08

MAT'L 22W : DBL WSHED MD#2 STONE HAUL ZONE HØ9

WEIGHMASTER

GROSS

TARE

NET

NET

Amenda Jacobs

Have a Nice Dav!

RECEIVED BY

301-674-3324

- 1. Deliveries of products of S.W. Barrick & Sons (SWB) in vehicles arranged for by SWB are usually made by interstate common carriers or by independent contractor businessmen operating as intrastate nonregulated truckers. In either such case SWB exercises no control over and does not assume responsibility for the transportation and delivery of the products govered by this ticket. SWB will not be liable in any way for any accidents or damage to persons or to property or for loss of property or delay arising out of or occurring during the transportation and delivery and unloading of such products.
- 2. SWB assumes no responsibility for and exercises no control over deliveries of products of SWB in vehicles arranged for by others, and SWB will not be liable in any way for any accidents or damage to persons or to property or for loss of property or delay arising out of or occurring during the transportation and delivery and unloading of such products.
- 3. Purchaser shall be responsible for providing promptly upon arrival a safe and practical location for the delivery and unloading of the product. SWB shall not be responsible for any detention time charge or other cost or damage resulting from failure to provide promptly such safe and practical location.

# MATERIAL SAFETY DATA SHEET (MSDS) FOR LIMESTONE

#### SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: S.W.BARRICK & SONS 14504 Greenview Drive, Suite 210 Laurel, Maryland 20708 Information Telephone #: 301-953-7650

Emergency Telephone #: 301-953-7650

Preparation Date: October 15, 2007

Product Chemical Name: Crushed Stone (Limestone) Product identification/Synonyms: Crushed Stone, Aggregate, Manufactured Sand

### SECTION II - PRODUCT AND COMPONENT DATA

Exposure Limits Exposure Limits Ingredient Name: CAS Approximate OSHA PEL ACGIH TLV Registry Percentage  $\{mg/m^3\}$ (ma/m3) Number 10 (nuisance dust) 15 total (dust) 100 1317-65-3 Limestone .01 (respirable dust) .01 (respirable dust) 14808-60-7 >1 Quartz (Crystalline Silica)

#### SECTION III - PHYSICAL DATA

Vapor Pressure (mm Hg) N/A **Boiling Point** 2.6 - 2.8 Appearance and Odor Angular to round, gray Specific Gravity (H20=1) Freezing Point None, Solid Vapor Density (Air=1) NA N/A Insoluble Evaporation Rate Solubility in Water None Physical State Solid Odor None, Solid Viscosity PH in Water Neutral

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Non-combustible Flash Point and Method Decomposes at 825° C Combustion Products Extinguishing Media General Hazard

Hazardous Polymerization

Fire Fighting Procedures: Limestone poses no fire related hazard. Use appropriate personal protective clothing and equipment for surrounding fire conditions.

Use extinguishing media for

surrounding fire conditions

Avoid breathing dust

## SECTION V - REACTIVE DATA

Product is Stable Stability Aggregate dissolves in hydorfluoric acid, and may Incompatibility produce corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as

fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride. Carbon Dioxide Hazardous Decomposition None

Inhalation

Ingestion

Immediately move the person to fresh air. Dust should be cleared from the throat and nasal passages. Seek medical attention for discomfort or if irritation persists. Monitor vital signs and administer CPR if necessary.

## SECTION VI - TOXICOLOGICAL INFORMATION

Primary Routes of Entry Skin contact, eyes, Acute and Chronic inhalation, and ingestion.

Acute Exposure effects to Product

Exposure to dust may cause dry and irritate the skin.

Exposure may cause eye irritation. Eyes

Inhalation can irritate nose, throat, and inhalation lungs, causing coughing, sneezing, and

shortness of breath.

Do not ingest aggregrates. Ingestion of small quantities is not expected to be harmful. If ingested in large quantities, it may cause

intestinal distress.

#### Effect of Chronic Exposure

Ingestion

Proper use of Limestone Aggregates for construction purposes is not believed to cause acute toxic effects. This product contains crystalline silica, which has been classified as a human carcinogen by IRAC and NPT.

Repeated overexposures to high levels of respirable crystalline silica (cristobalite, quartz, and tridymite) can cause silicosis, serious and fatal lung disease. scleroderma (thickening of skin, systemic lupus erythematosus, rheumatoid arthritis) and disease affecting the kidneys.

#### SECTION VII - FIRST AID MEASURES

Persons with pre-existing skin conditions should Skin Contact remove dust promptly with soap and water. Seek medical attention if irritation persists.

irrigate exposed eye(s) with clean water or saline **Eve Contact** solution for at least 15 minutes while holding the eve lid(s) open. Seek medical attention for abrasions,

embedded particles, or persistent imitation.

If the victim is conscious, provide clean water to rinse the mouth. Provide large quantities of water for the victim to drink to induce vomiting. Seek

medical attention. Do not attempt to administer water by mouth to an unconscious person.

#### SECTION VIII - PERSONAL PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Use exhaust, ventilation, or other affective Engineering Controls suppression measures to maintain dust exposure levels below the established exposure limits.

Respiratory protection is typically not required Respiratory Protection under normal conditions. If dust concentrations exceed OSHAMSHA Personal Exposure Limits, wear appropriate NIOSH/MSHA - approved

respiratory protection. Respirators should be properly titted for maximum effectiveness.

Long cuffless pants, long sleeve shirts, gauntlettype gloves and appropriate boots should be used to prevent exposure. Dust exposed personal protective equipment should be deaned after each use and exposed clothing should be laundered after each use.

Safety glasses with side shields that comply with Eye Protection ANSI Standard Z87.1 shibuid be worn as minimal

protection when eye exposure to airborne particles exists. Dust goggles should be worn when excessive dust conditions exist or are anticipated.

## SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Respirable crystalline sitica-containing dust may be generated during the processing, handling and storage. The personal protective and control measures in Section VIII of this MSDS should be followed. Use methods that will minimize dust generation. Do not stand on stockpiles of this material, as it may be unstable.

This product is not intended for abrasive blasting use.

Do not store near food or beverage.

Skin Protection

#### SECTION X - SPILL AND DISPOSAL PRACTICES

The cleanup of spilled material may cause dusty conditions. The personal protective measures in Section VIII of the MSDS should he followed

Wetting material will minimize dust generation. Material should be disposed of according to all applicable federal, state, and local laws and regulations

## SECTION XI - TRANSPORTATION

Placard Requiremnent: None **DOT Classification - None** 

#### SECTION XII - DISCLAIMER

The information in this MSDS is believed to be current and accurate. No warranty, expressed or implied, of merchantability, fitness or otherwise is made. Any party using this product should review all federal, state, or local laws and regulations prior to use, S.W. Barrick & Sons is not responsible for the condition, performance, handling, storage, or disposal of the aggregate after the buyer takes title by pickup at the plant or delivery to the buyer's jobsite by S.W. Barrick & Sons

#### SECTION XIII - DATE OF PREPARATION

Revision Summary: Revised October 15, 2007

Barrick Dispatch Barrick Sale 301-845-6343 301-845-6341 We are an Equal Opportunity Employer

S.W. Barrick & Sons WOODSBORO, MARYLAND

> Mailing Address: P.O. Box 1504 Laurel, Maryland 20725

INSPECTOR'S COPY

**BILLING INQUIRIES** 1-800-762-2294

TICKET #01063552

STATION B

DATE 08/26/14 TIME 09:24:09

CUSTOMER LEWBEN

BEN LEWIS INC. 23407 FREDERICK RD CLARKSBURG. MD 20871

TRUCK 548A LICENSE DRIVER: DEESE TRUCKING

GROSS TARE

NET

NET

IN:

SCALE B (STORED)

24880 1b 44620 15

22.31

69500 15

3 AXLES

LOT

DAILY

TOTAL

TIME IN 09:24:09

JOB BELHAV : BELL HAVEN

P. O. # 30587 PROJECT #:

70-R 978- R UNION CHAPEL RD-

Loads

L BRIDALWREATH CT. TO ADD "2803"

Tons

44.22 112.81

TIME OUT 09:24:09

MAT'L 22W : DBL WSHED MD#2 STONE HAUL ZONE HOS

WEIGHMASTER

Amanda Jacobs

Have a Nice Day!

301-674-3324

- 1. Deliveries of products of S.W. Barrick & Sons (SWB) in vehicles arranged for by SWB are usually made by interstate common carriers or by independent contractor businessmen operating as intrastate nonregulated truckers. In either such case SWB exercises no control over and does not assume responsibility for the transportation and delivery of the products covered by this ticket. SWB will not be liable in any way for any accidents or damage to persons or to property or for loss of property or delay arising out of or occurring during the transportation and delivery and unloading of such products.
- 2. SWB assumes no responsibility for and exercises no control over deliveries of products of SWB in vehicles arranged for by others, and SWB will not be liable in any way for any accidents or damage to persons or to property or for loss of property or delay arising out of or occurring during the transportation and delivery and unloading of such products.
- 3. Purchaser shall be responsible for providing promptly upon arrival a safe and practical location for the delivery and unloading of the product. SWB shall not be responsible for any detention time charge or other cost or damage resulting from failure to provide promptly such safe and practical location.

# MATERIAL SAFETY DATA SHEET (MSDS) FOR LIMESTONE

SECTION	L G	PRODUCT	IDENTIFICATION	
SECTION	3 4	110000.		

MANUFACTURER: S.W.BARRICK & SONS

14504 Greenview Drive, Suite 210 Laurel, Maryland 20708

Information Telephone #: 301-953-7650 Emergency Telephone #: 301-953-7650

Preparation Date: October 15, 2007

Product Chemical Name: Crushed Stone (Limestone)

Product Identification/Synonyms: Crushed Stone, Aggregate, Manufactured Sand

# SECTION II - PRODUCT AND COMPONENT DATA

Exposure Limits Ingredient Name: CAS Approximate Exposure Limits ACGIH TLV OSHA PEL Registry Percentage (ma/m3)  $(mq/m^3)$ Number 10 (nuisance dust) 15 total (dust) 100 1317-65-3 Limestone .01 (respirable dust) .01 (respirable dust)

14808-60-7 >1 Quartz (Crystalline Silica)

## SECTION III - PHYSICAL DATA

Vapor Pressure (mm Hg) N/A N/A **Boiling Point** Angular to round, gray Appearance and Odor 2.6 - 2.8 Specific Gravity (H20=1) None. Solid Freezing Point N/A Vapor Density (Air=1) Insoluble Evaporation Rate N/A Solubility in Water None Odor Solid Physical State None, Solid Viscosity PH in Water Neutral

# SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Combustion Products Extinguishing Media General Hazard

Hazardous Polymerization

Non-combustible Decomposes at 825° C Use extinguishing media for surrounding fire conditions Avoid breathing dust

Fire Fighting Procedures: Limestone poses no fire related hazard. Use appropriate personal protective clothing and equipment for surrounding fire conditions.

#### SECTION V - REACTIVE DATA

Product is Stable Stability Aggregate dissolves in hydorfluoric acld, and may Incompatibility produce corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride. manganese trifluoride, and oxygen difluoride.

Carbon Dioxide Hazardous Decomposition

# SECTION VI - TOXICOLOGICAL INFORMATION

Primary Routes of Entry Skin contact, eyes, Acute and Chronic inhalation, and ingestion.

Acute Exposure effects to Product

Exposure to dust may cause dry and Skin irritate the skin.

Exposure may cause eye irritation. Eves

Inhalation can irritate nose, throat, and Inhalation lungs, causing coughing, sneezing, and

shortness of breath.

Do not ingest aggregrates. Ingestion of small Ingestion quantities is not expected to be harmful. If ingested in large quantities, it may cause intestinal distress.

Effect of Chronic Exposure

Ingestion

Proper use of Limestone Aggregates for construction purposes is not believed to cause acute loxic effects. This product contains crystalline silica, which has been classified as a human carcinogen by IRAC and NPT.

Repeated overexposures to high levels of respirable crystalline silica (cristobalite, quartz, and tridymite) can cause silicosis, serious and fatal fung disease, scleroderma (thickening of skin, systemic lupus erythematosus, rheumatoid arthritis) and disease affecting the kidneys.

### SECTION VII - FIRST AID MEASURES

Persons with pre-existing skin conditions should Skin Contact remove dust promptly with soap and water. Seek medical attention if irritation persists.

Irrigate exposed eye(s) with clean water or saline Eye Contact solution for at Jeast 15 minutes while holding the eye lid(s) open. Seek medical attention for abrasions, embedded particles, or persistent irritation.

> If the victim is conscious, provide clean water to rinse the mouth. Provide large quantities of water for the victim to drink to induce vomiting. Seek medical attention. Do not attempt to administer water by mouth to an unconscious person.

Immediately move the person to fresh air. Dust Inhalation should be cleared from the throat and nasal passages. Seek medical attention for discomfort or if irritation persists. Monitor vital signs and administer CPR if necessary.

#### SECTION VIII - PERSONAL PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Use exhaust, vertilation, or other effective ? **Engineering Controls** suppression measures to maintain dust exposure

levels below the established exposure limits: Respiratory Protection

Respiratory protection is typically not required under normal conditions. If dust concentrations exceed OSHAMSHA Personal Exposure Limits, wear appropriate NIOSH/MSHA - approved respiratory protection. Respirators should be properly fitted for maximum effectiveness.

Long cuffless pants, long sleeve shirts, gauntlettype glaves and appropriate boots should be used to prevent exposure. Dust exposed personal protective equipment should be cleaned after

each use and exposed dofning should be taindered after each use.

Eve Protection

Skin Protection

Safety glasses with side shields that comply with ANSI Standard Z87.1 should be worn as minimel protection when eye exposure to airborne particles exists. Dust goggles should be worn when excessive dust conditions exist or are anticipated

# SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Respirable crystalline stilica-containing dust may be generated during the processing, handling and storage. The personal protective and control measures in Section VIII of this MSDS should be followed. Use methods that will minimize dust generation. Do not stand on stockpiles of this material, as it may be unstable.

This product is not intended for abrasive blasting use. Do not store near food or beverage.

## SECTION X - SPILL AND DISPOSAL PRACTICES

The cleanup of spilled tnaterial may cause dusty conditions. The personal protective measures in Section VIII of the MSDS should be followed.

Wetting material will minimize dust generation. Material should be disposed of according to all applicable federal, state, and local laws and regulations SECTION XI - TRANSPORTATION

Placard Requiremnent: None **DOT Classification - None** 

## SECTION XII - DISCLAIMER

The information in this MSDS is believed to be current and accurate. No warranty, expressed or implied, of merchantability, fitness or otherwise is made. Any party using this product should review all federal, state, or local laws and regulations prior to use. S.W. Barrick & Sons is not responsible for the condition, performance, handling, storage, or disposal of the aggregate after the buyer takes title by pickup at the plant or delivery to the buyer's jobsife by S.W. Barrick &

# SECTION XIII - DATE OF PREPARATION

Revision Summary: Revised October 15, 2007

BQ

Barrick Dispatch Barrick Sale 301-845-6343 301-845-6341 We are an Equal Opportunity Employer

S.W. Barrick & Sons WOODSBORO, MARYLAND

> Mailing Address: P.O. Box 1504 Laurel, Maryland 20725

INSPECTOR'S COPY

**BILLING INQUIRIES** 1-800-762-2294

TICKET #01063603

STATION B

DATE 08/26/14 TIME 11:06:26

CUSTOMER LEWBEN BEN LEWIS INC.

23407 FREDERICK RD CLARKSBURG, MD 20871

TRUCK 548A LICENSE DRIVER: DEESE TRUCKING

SCALE A IN (STORED)

24880 1b 12440 16 6. 22

3 AXLES

37320 1b

DAIL TOTAL

LOT

TIME IN 11:06:26

JOB BELHAV : BELL HAVEN

P. O. # 30587 PROJECT #:

70- R 975- R UNION CHAPEL RD-

L BRIDALWREATH CT. TO ADD "2803"

Tons Loads

50, 44 19.03

TIME OUT 11:06:26

MAT'L 22W : DBL WSHED MD#2 STONE HALL ZONE HØ9

JEIGHMASTER

TARE

MET

WET

Amanda Jacobs

lave a Nice Day!

RECEIVED BY

301-674-3324 ANDY

- 1. Deliveries of products of S.W. Barrick & Sons (SWB) in vehicles arranged for by SWB are usually made by interstate common carriers or by independent contractor businessmen operating as intrastate nonregulated truckers. In either such case SWB exercises no control over and does not assume responsibility for the transportation and delivery of the products covered by this ticket. SWB will not be liable in any way for any accidents or damage to persons or to property or for loss of property or delay arising out of or occurring during the transportation and delivery and unloading of such products.
- 2. SWB assumes no responsibility for and exercises no control over deliveries of products of SWB in vehicles arranged for by others, and SWB will not be liable in any way for any accidents or damage to persons or to property or for loss of property or delay arising out of or occurring during the transportation and delivery and unloading of such products.
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#### MATERIAL SAFETY DATA SHEET (MSDS) FOR LIMESTONE SECTION VI - TOXICOLOGICAL INFORMATION

				CONTROL MEASURES
MANUFACTURER: S.W.BARRICK & SONS 14504 Greenview Drive, Suite 210 Laurel, Maryland 20708 Information Telephone #: 301-953-7650	Primary Routes of Entry  Acute Exposure effec	inhalation, and ingestion.	Engineering Controls	Use exhaust, ventilation, or other effective suppression measures to maintain dust exposure levels below the established exposure limits.
Emergency Telephone #: 301-953-7650	Acdie Exposure enec	10 1 1000001	Respiratory Protection	Respiratory protection is typically not required
Preparation Date: October 15, 2007	Skin	Exposure to dust may cause dry and irritate the skin.		under normal conditions. If dust concentrations exceed OSHAMSHA Personal Exposure Limits, wear appropriate NIOSH/MSHA - approved respiratory protection. Respirators should be
Product Chemical Name: Crushed Stone (Limestone)	Eyes	Exposure may cause eye irritation.		properly fitted for maximum effectiveness.
Product Identification/Synonyms: Crushed Stone, Aggregate, Manufactured Sand  SECTION II – PRODUCT AND COMPONENT DATA	Inhalation	Inhalation can irritate nose, throat, and lungs, causing coughing, sneezing, and shortness of breath.	Skin Protection	Long cuffless pants, long sleeve shirts, gauntlet- type gloves and appropriate boots should be used to prevent exposure. Dust exposed personal protective equipment should be cleaned after
Ingredient Name: CAS Approximate Exposure Limits Exposure Limits Registry Percentage ACGIH TLV OSHA PEL Number (mg/m³) (mg/m³)	Ingestion	Do not ingest aggregrates, Ingestion of small guantities is not expected to be harmful. If		each use and exposed clothing should be laundered after each use.
Limesione 1317-65-3 100 10 (nuisance dust) 15 total (dust) Quartz 14808-60-7 >1 .01 (respirable dust) .01 (respirable dust) (Crystalline Silica)	Efffect of Chronic Expos	ingested in large quantities, it may cause intestinal distress.	Eye Protection	Safety glasses with side shields that comply with ANSI Standard Z87.1 should be worn as minimal protection when eye exposure to airborne particles exists. Dust goggles should be worn when excessive dust conditions exist or are anticipated.

Proper use of Limestone Aggregates for construction purposes is not believed

to cause acute toxic effects. This product contains crystalline silica, which has

SECTION VII - FIRST AID MEASURES

Specific Gravity (H <sub>2</sub> 0=1) 2.6 - 2.8 Appearance and Odor Vapor Density (Air=1) N/A Freezing Point None, Solid None, Solid State Physical State Physical State Ph In Water Neutral Viscosity None, Solid None, Solid None Solid None Solid None Solid None Solid None Solid None Solid Arthritis) and disease affecting the kidneys.	erious and fatal lung disease

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

SECTION III - PHYSICAL DATA

SECTION I - PRODUCT IDENTIFICATION

Flash Point and Method Combustion Products Extinguishing Media General Hazard	Nan-combustible Decomposes at 825° C Use extinguishing media for surrounding fire conditions Avoid breathing dust	Skin Contact  Eye Contact	Persons with pre-existing skin conditions should remove dust promptly with soap and water. Seek medical attention if irritation persists.  Irrigate exposed eye(s) with clean water or saline	The cleanup of spilled material may ca The personal protective measures in the followed. Wetting material will minimize dust disposed of according to all applicable and regulations.	Section VIII of the N generation. Materialle federal, state, an
Eira Eighting Procedures: 1 is	nestone poses no fire related hazard. Use		solution for at least 15 minutes while holding the	SECTION XI - TRAN	ISPORTATION
	ve clothing and equipment for surrounding		eye lid(s) open. Seek medical attention for abrasions, embedded particles, or persistent irritation.	DOT Classification - None	Placard Require

on classified as a human carsinggon by IDAC and NDT

#### CECTIONIAL DESCRIVE DATA

Hazardous Polymerization None

3201	ON V NEACHVE DAIA	ingconorr	rinse the mouth. Provide large quantities of water	The information in this MSDS is believed to be current and accurate.
Stability	Product is Stable		for the victim to drink to induce vomiting. Seek medical attention. Do not attempt to administer	No warranty, expressed or implied, of merchantability, fitness or otherwise is made. Any party using this product should review all
Incompatibility	Aggregate dissolves in hydorfluoric acid, and may produce corrosive silicon tetrafluoride gas.		water by mouth to an unconscious person.	federal, state, or local laws and regulations prior to use. S.W. Barrick & Sons is not responsible for the condition, performance, handling, storage, or disposal of the aggregate after the buyer takes title by
	Silicates react with powerful oxidizers such as fluorine, boron influoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride.	Inhalation	Immediately move the person to fresh air. Dust should be cleared from the throat and nasal	pickup at the plant or delivery to the buyer's jobsile by S.W. Barrick & Sons.
	. ,3		passages. Seek medical attention for discomfort or if irritation persists. Monitor vital signs and	SECTION XIII - DATE OF PREPARATION
Hazardous Decomposition	Carbon Dioxide		of it initiation persists, worldor vitar signs and	

administer CPR if necessary.

If the victim is conscious, provide clean water to

SECTION VIII - PERSONAL PROTECTIVE EQUIPMENT AND

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Respirable crystalline silica-containing dust may be generated during the processing, handling and storage. The personal protective and control measures in Section VIII of this MSDS should be followed. Use methods

SECTION X - SPILL AND DISPOSAL PRACTICES

SECTION XII - DISCLAIMER

MSDS should rial should be and local laws

emnent: None

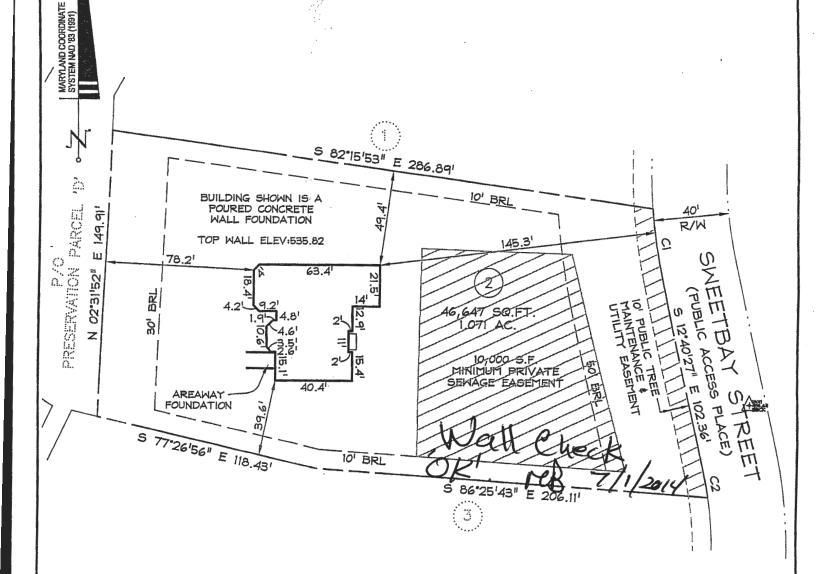
Do not stand on stockpiles of this material, as it may be unstable. This product is not intended for abrasive blasting use.

Revision Summary: Revised October 15, 2007

that will minimize dust generation.

Do not store near food or beverage.

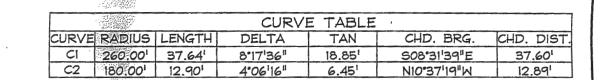
			CURV	E TABLE	t	
CURVE	RADIUS	LENGTH	DELTA	TAN	CHD. BRG.	CHD. DIST
CI	260.00	37.64	8*17'36"	18.851	508'31'39"E	37.601
C2	180.001	12.901	4.06,16,	6.451	N10'37'19"W	12.891

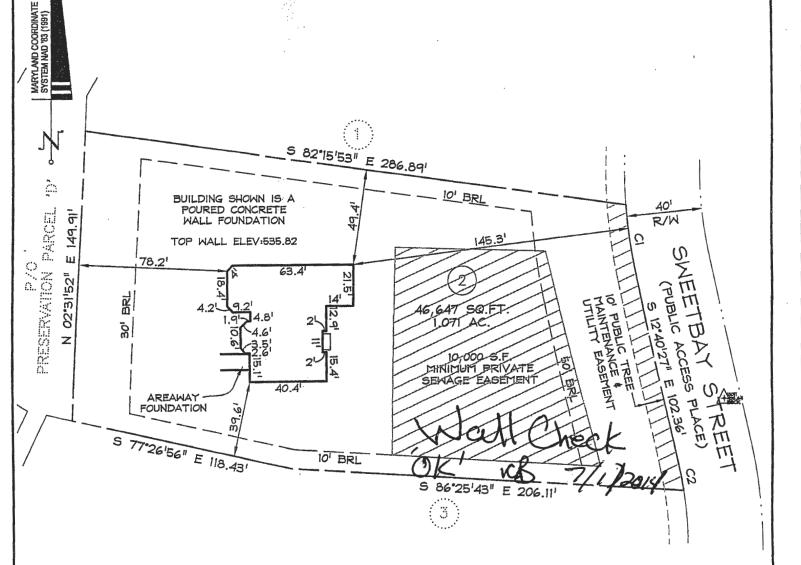


# SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I EITHER PERSONALLY PREPARED OR WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEYING WORK REFLECTED IN IT, AND THAT IT IS IN COMPLIANCE WITH REQUIREMENTS SET FORTH IN REGULATION .12 OF CHAPTER 06, MINIMUM STANDARDS OF PRACTICE. I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 239, EXPIRATION DATE 7/6/14.

Artistite Sunthin 5-23-14





## SURVEYOR'S CERTIFICATE

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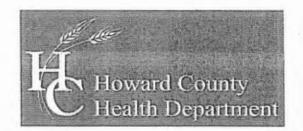
Se of Marillo Sunthing 5-23-14

15324 Sweethay Street

Clerk of the Circuit Court for Howard County Land Records/Licensing

The Thomas Dorsey Building 9250 Bendix Road Columbia, MD 21045 410-313-5850

410-313-5850
LR - Agreement Recording Fee 1x 20.00 20.00
Grantor/Grantee Name: Khovnanian Homes of Maryland Reference/Control #: 209
LR - Agreement Surcharge
1x 40.00 40.00 LR - Agreement Recording Fee
1x 20.00 20.00 Grantor/Grantee Name: Khovnanian Homes
of Maryland Reference/Control #: 210
LR - Agreement Surcharge 1x 40.00 40.00
LR - Agreement Recording Fee 1x 20.00 20.00
Grantor/Grantee Name: Khovnanian Homes of Maryland
Reference/Control #: 211
LR - Agreement Surcharge 1x 40.00 40.00
LR - Agreement Recording Fee 1x 20.00 20.00
Grantor/Grantee Name: Khovnanian Homes of Maryland Reference/Control #: 212
LR - Agreement Surcharge 1x 40.00 40.00
LR - Agreement Recording Fee 1x 20.00 20.00
Grantor/Grantee Name: Khovnanian Homes of Maryland Reference/Control #: 213
LR - Agreement Surcharge
1x 40.00 40.00
SubTotal:         300.00           Total:         300.00
REV-Check-BOA 60.00 Number: 00016427
REV-Check-BOA 60.00 Number: 00016426
REV-Check-BOA 60.00 Number: 0016425
REV-Check-BOA 60.00 Number: 00016424
REV-Check-BOA 60.00 Number: 00045404
06/24/2014 14:24 CC13-DS #2959610 /1246/109
Thank you for visiting us today



# Bureau of Environmental Health

7178 Columbia Gateway Drive, Columbia, MD 21046-2147
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Facebook: www.facebook.com/hocohealth
Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

# OPERATION AND MAINTENANCE AGREEMENT FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM HAVING AN ADVANCED PRE-TREATMENT SYSTEM

THIS AGREEMENT is made this 23 day of June 2014, among Khanana homes of Mandano I use, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 15324 Swarmay Street woods with No. 1797, in the 64 Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber 15508 Folio 136.

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.
- E. This agreement shall run with the land and upon Owner's taking title to the Lot shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement are

long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Lot that the system shall require maintenance or other attention. Upon taking title to the Lot, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

- F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.
- G. This agreement may be voided at any time at the discretion of the County.
- H. This agreement contains the entire agreement and understanding between the County and the Owner. There are no additional terms other than as contained in this agreement. This agreement may not be modified, except in writing signed by each of the parties or by their authorized representatives.
- I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.
- J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

Owner

Date

JUN 2 4 2014

HOWARD COUNTY HEAD IN SE

BUREAU OF ENVIRONMEN ALL HE

<b>XECEIPT</b>	DATE:	12/17/12
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INSTALLATION	
APPROVAL DATE:	

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544449

# ON-SITE SEWAGE DISPOSA HOWARD COUNTY BUREAU OF ENVIRONMENTAL

	/ .	
PROPERTY OWNER: Belle Haven Baker L	LC	
OWNER'S ADDRESS: 10751 Falls Road Ste 405, Lather	ville, MD 21093	PHONE: 301-683-3268
ADDRESS: 15324 Sweetbay Street	. 1982 a	TAX ACC #: 04-373650
SUBDIVISION: Belle Haven Estates		LOT: 2
SEPTIC TANK CAPACITY (GALLONS):	TBD	
PUMP CHAMBER CAPACITY (GALLONS):	TBD	*
NUMBER OF BEDROOMS:	TRO	PURATE: TBD
SQUARE FOOTAGE OF HOUSE:	TBD	
LINEAR FEET OF TRENCH REQUIRED:	TBD	

TRENCHES:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN
LOCATION:	TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN.
NOTES;	A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS A SURED PRIOR TO HEALTH APPROVAL OF BUILDING PERMIT, PLOT PLAN, AND WALL CHECK. AN APPROVED WALL CHECK IS REQUIRED PRIOR TO PRE-CONSTRUCTION INSPECTION. THE OSDS PERMITTED HEREIN IS NOT SUBJECT TO REVISIONS TO COMAR 26.04.02 EFFECTIVE 1/1/2 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS CONTROL.

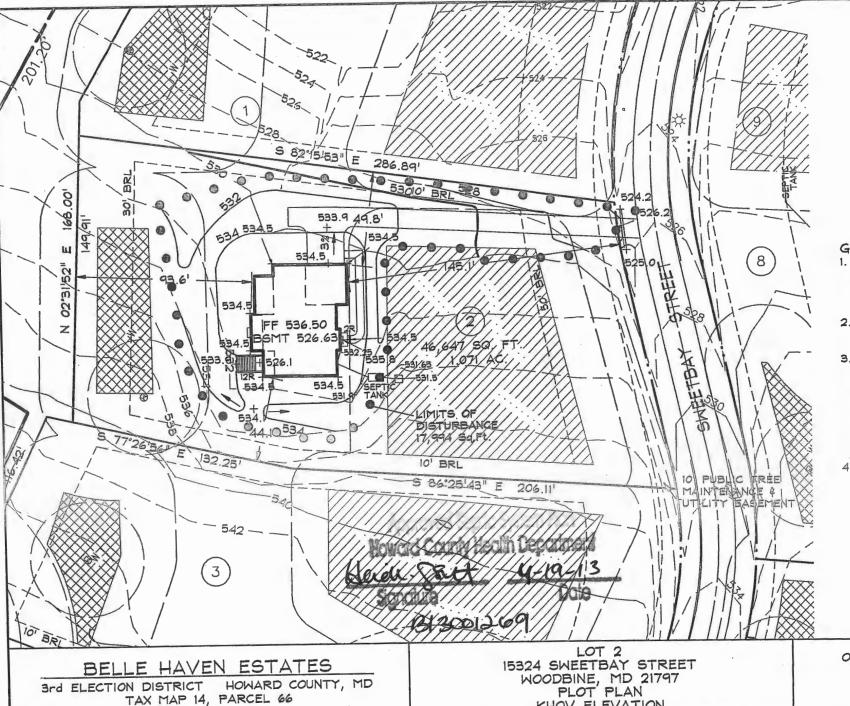
ISSUED BY: JEFF WILLIAMS ISSUE DATE: MARKATION DATE: 12/17/13

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION

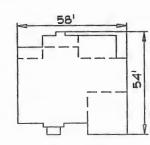
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTMEM SHALL BE 100 FEET FROM ANY WATER WELL NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PLAN CHARBERS NOTE: AN ELECTRICAL PERMIT IS REQUIRED POR NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR NOTE:

NEITHER THE HOWARD COUNTY-COUNCIL 4 ETH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL O OF ANY SYSTEM. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL EVAL ON THIS PERMIT. CALL 410-313-1771 FOR INSPECTION OF



KHOV ELEVATION



COLORADO GEORGIAN ELEVATION BRICK FRONT

#### GENERAL NOTES

- 1. THE EXISTING WELL SHOWN ON THIS PLAN (HO-95-0656) HAS BEEN LOCATED BY DDC, PROFESSIONAL LAND SURVEYOR, AND IS ACCURATELY SHOWN.
- 2. BASE SQUARE FOOTAGE OF HOUSE:3,530 sq.ft. NUMBER OF BEDROOMS: 4
- INFORMATION SHOWN ON THIS PLAN BASED ON PLANS PREPARED BY DMW DATED 6/25/07. EXISTING TOPOGRAPHY BASED ON GRADING PLAN PREPARED BY DEMARIO DESIGN CONSULTANTS DATED 7/9/07 AND FIELD RUN TOPOGRAPHY PREPARED BY DDC INC IN JAN. 2012
- 4. EJECTOR PUMP REQUIRED TO SEWER BASEMENT



Development Design Consultants **Planners** 

Surveyors Engineers

Landscape Architects

192 East Main Street Westminster, MD 21157 410.386.0560 410.386.0564 (Fax) DDC@ DDCincus www.DDCinc.us

DDC JOST. 06116.5

DATE: 11/28/12

SCALE: 1" = 50'

DES. BY: BKC

DRN. BY: AJS

CHK. BY: BKC

OWNER/BUILDER:

K.HOVNANIAN HOMES 1802 Brightseat Road Landover, Maryland 20785 (301)683-6268

