

RECEIPT DATE: 12/14/12

P 538141

INSTALLATION APPROVAL DATE: _____

PERMIT

A _____

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

PROPERTY OWNER: Amy and Jonathan Studdard

OWNER'S ADDRESS: 14118 Howard Road, Dayton, MD 21036 PHONE: 410-781-6782

ADDRESS: 14138 Howard Road TAX ACC'T #: 05-593798

SUBDIVISION: Studdard Property LOT: 3

SEPTIC TANK CAPACITY (GALLONS): TBD

PUMP CHAMBER CAPACITY (GALLONS): TBD

NUMBER OF BEDROOMS: TBD APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: TBD

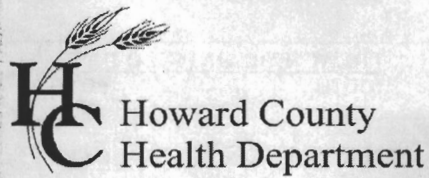
LINEAR FEET OF TRENCH REQUIRED: TBD

| | |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TRENCHES: | TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN |
| LOCATION: | TO BE DETERMINED ON APPROVED SUPPLEMENTAL PLAN |
| NOTES: | A SUPPLEMENTAL PLAN PROVIDING SYSTEM DETAILS IS REQUIRED 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 1/1/2013 ON THE CONDITION THAT FINAL HEALTH APPROVAL OF THE INSTALLATION IS GRANTED PRIOR TO PERMIT EXPIRATION. |

ISSUED BY: JEFF WILLIAMS ISSUE DATE: 12/14/12 EXPIRATION DATE: 12/14/13

- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

NEITHER THE HOWARD COUNTY COUNCIL OR 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 FOR INSPECTION OF SEPTIC SYSTEM.



Bureau of Environmental Health
 7178 Gateway Drive Columbia, MD 21046
 (410) 313-2640 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 DATE: 12/14/12 **ONSITE SEWAGE DISPOSAL SYSTEM** P 538141

INSTALLATION APPROVAL DATE: 9/3/13 **PERMIT** A _____
CONSTRUCTION

PROPERTY ADDRESS: 14138 Howard Road

SUBDIVISION: Studdard Property LOT: 3 TAX ID: 05-593798

CONTRACTOR: _____ EMAIL: _____

CONTRACTOR ADDRESS: _____ PHONE: _____

PROPERTY OWNER: Amy and Jonathan Studdard EMAIL: _____

OWNER ADDRESS: 14118 Howard Road, Dayton, MD 21036 PHONE: 410-781-6782

SEPTIC TANK SIZE (GALLONS): 2000

PUMP CHAMBER CAPACITY (GALLONS): _____ PUMP SIZE: _____

NUMBER OF BEDROOMS: 5 HOUSE SQ. FT. >3500 APPLICATION RATE: 1.2

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

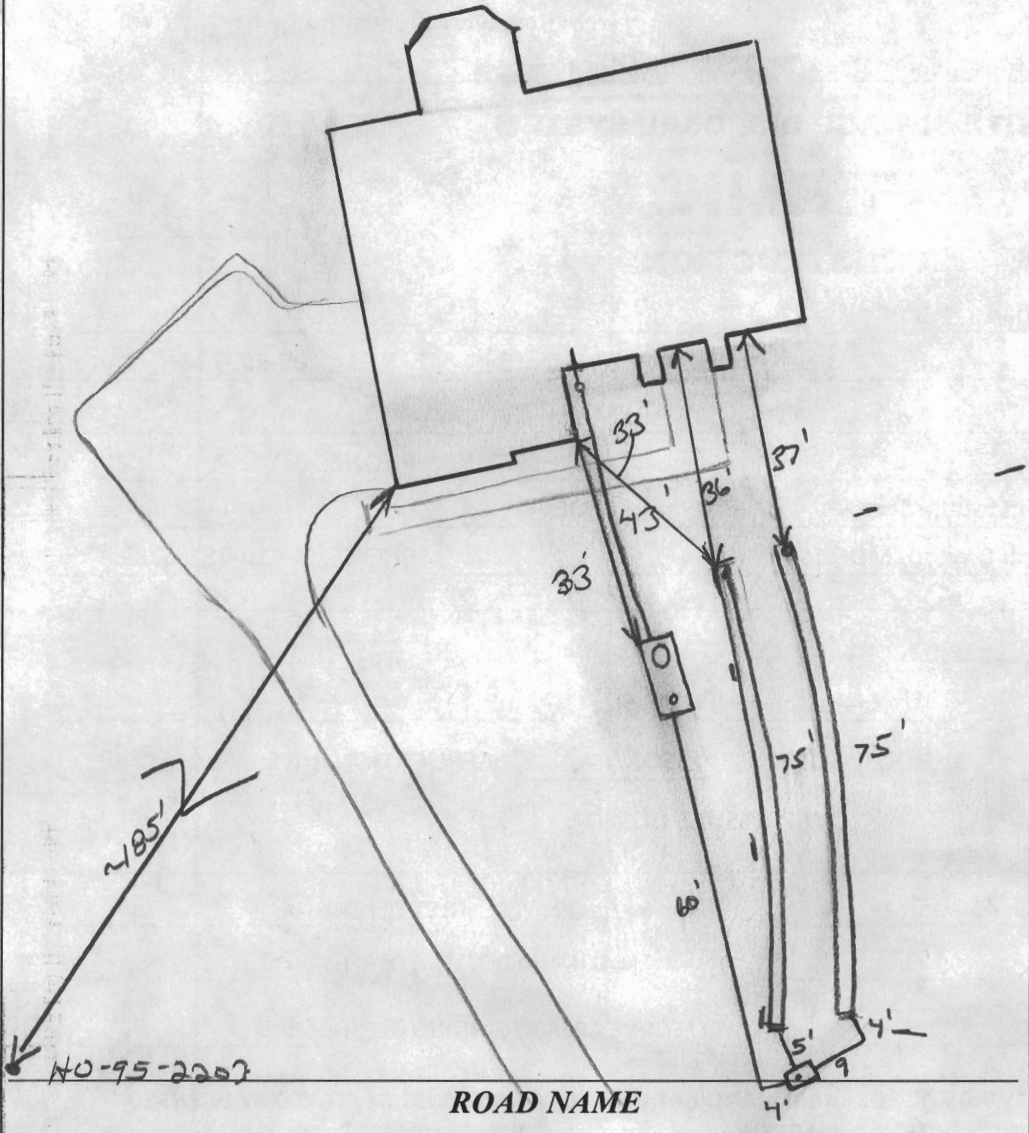
| | | |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| TRENCHES: | LINEAR FEET REQUIRED: <u>115 150</u> | INLET DEPTH: <u>4 3</u> |
| | TRENCH WIDTH: <u>2'</u> | MAXIMUM BOTTOM DEPTH: <u>7</u> |
| | MINIMUM SPACE BETWEEN TRENCHES: <u>9</u> | EFFECTIVE AREA BEGINNING DEPTH: <u>5.5</u> |
| LOCATION: | PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION. | |
| NOTES: | Set septic tank per plan. Set distribution box per plan. Install 3 x 39' trenches on contour. <u>2 x 75'</u> | |

ISSUED BY: Heidi Scott ISSUE DATE: _____ EXPIRATION DATE: 12/14/13

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM

**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.**

NOT TO SCALE



| TRENCH/DRAINFIELD DATA | | |
|-------------------------|-------|----------|
| WIDTH | INLET | BOTTOM |
| 2' | 3 | 7 |
| NUMBER OF TRENCHES | | 2 |
| TOTAL LENGTH | | 150' |
| ABSORPTION AREA | | 300'±SW |
| DISTRIBUTION BOX LEVEL | | Levelers |
| DISTRIBUTION BOX BAFFLE | | Yes |
| DISTRIBUTION BOX PORT | | Yes |

| SEPTIC TANK DATA | |
|----------------------------|----------|
| SEPTIC TANK 1 LEVEL | Yes |
| MANUFACTURER | Babylon |
| CAPACITY | 2000 GAL |
| SEAM LOC | Top |
| TANK LID DEPTH | 2' |
| BAFFLES | Yes |
| BAFFLE FILTER | — |
| MANHOLE LOC | Front |
| 6" PORT LOC | Rear |
| WATERTIGHT TEST | — |
| SLOTTED | Yes |
| DATE ON LID | — |
| PUMP/SEPTIC TANK LEVEL N/A | |
| MANUFACTURER | — |
| CAPACITY | — GAL |
| SEAM LOC | — |
| TANK LID DEPTH | — |
| BAFFLES | — |
| BAFFLE FILTER | — |
| MANHOLE LOC | — |
| 6" PORT LOC | — |
| WATERTIGHT TEST | — |
| SLOTTED | — |
| DATE ON LID | — |

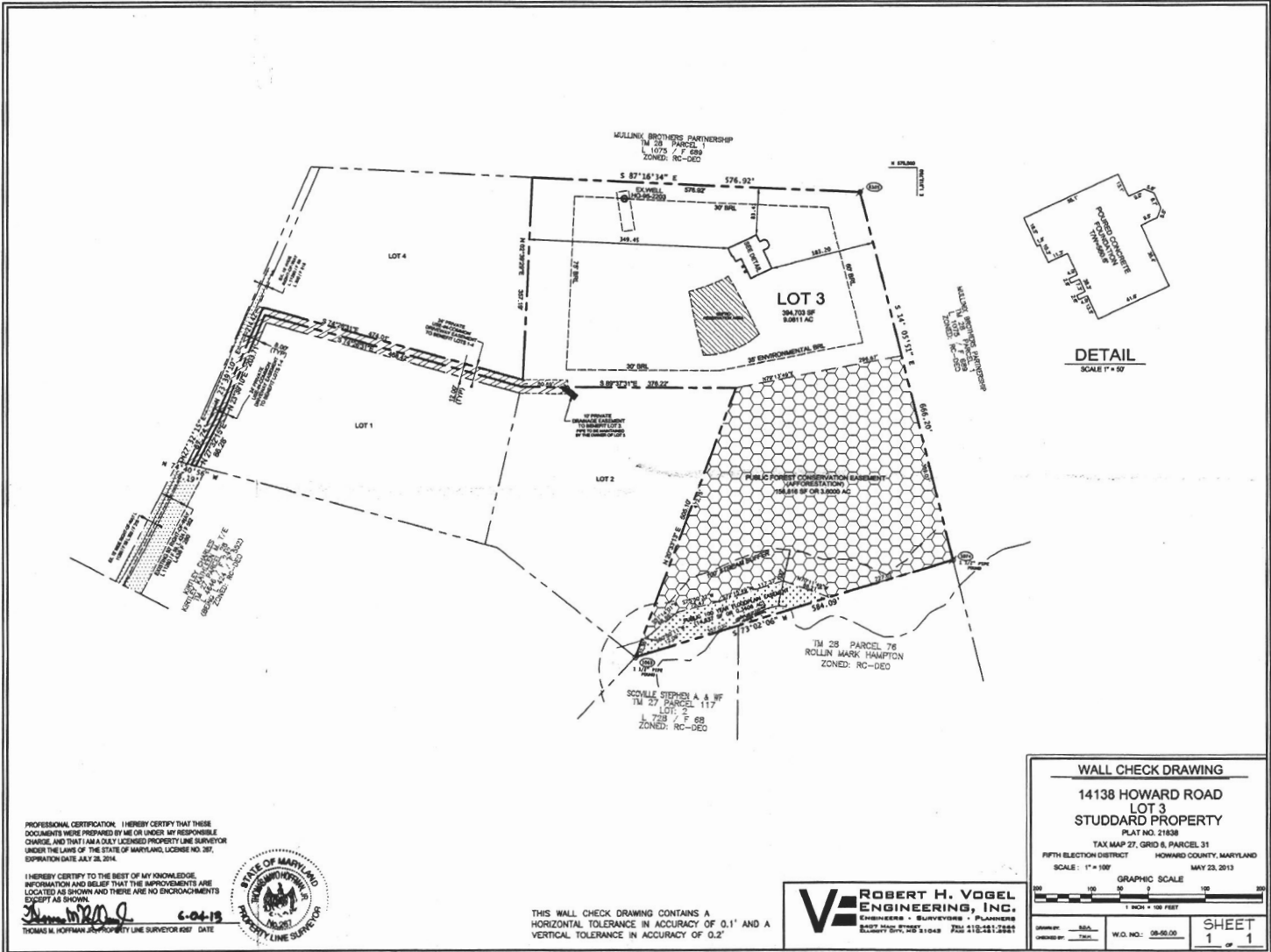
PRE-CONSTRUCTION:

8/29/13 Set S.T. per approved BP plan. No wall check in file. Set S.T. per approved BP plan. Set Dbax for top SRA corner run 2x75' trenches back towards house. Contour shot in field. ok to work during holiday. Keep everything open for insp. (KW)

INSTALLATION:

9/3/13 System complete. No one on-site. Left note to use geotextile fabric next time. Contractor use woven (silt fence) not non-woven. Cover around obs. pipes in trenches w/ fabric. OK to cover work. WHI inspected, approved on this date (KW)

FINAL INSPECTOR J. Wally DATE OF APPROVAL 9/3/13



PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 287, EXPIRATION DATE JULY 26, 2014.

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN AND THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

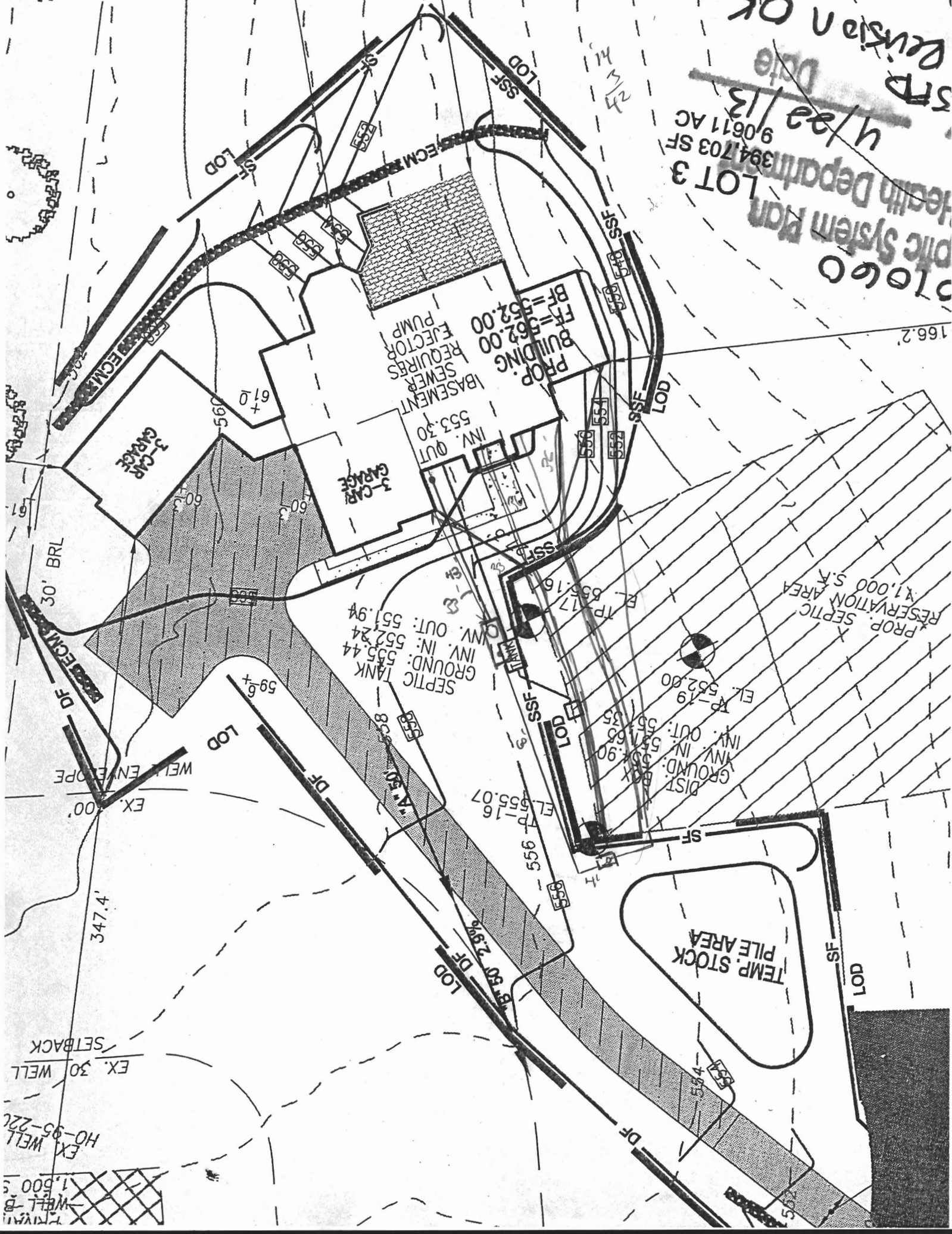
Thomas H. Hoffman
 THOMAS H. HOFFMAN, PROPERTY LINE SURVEYOR (E) DATE: 6-04-13



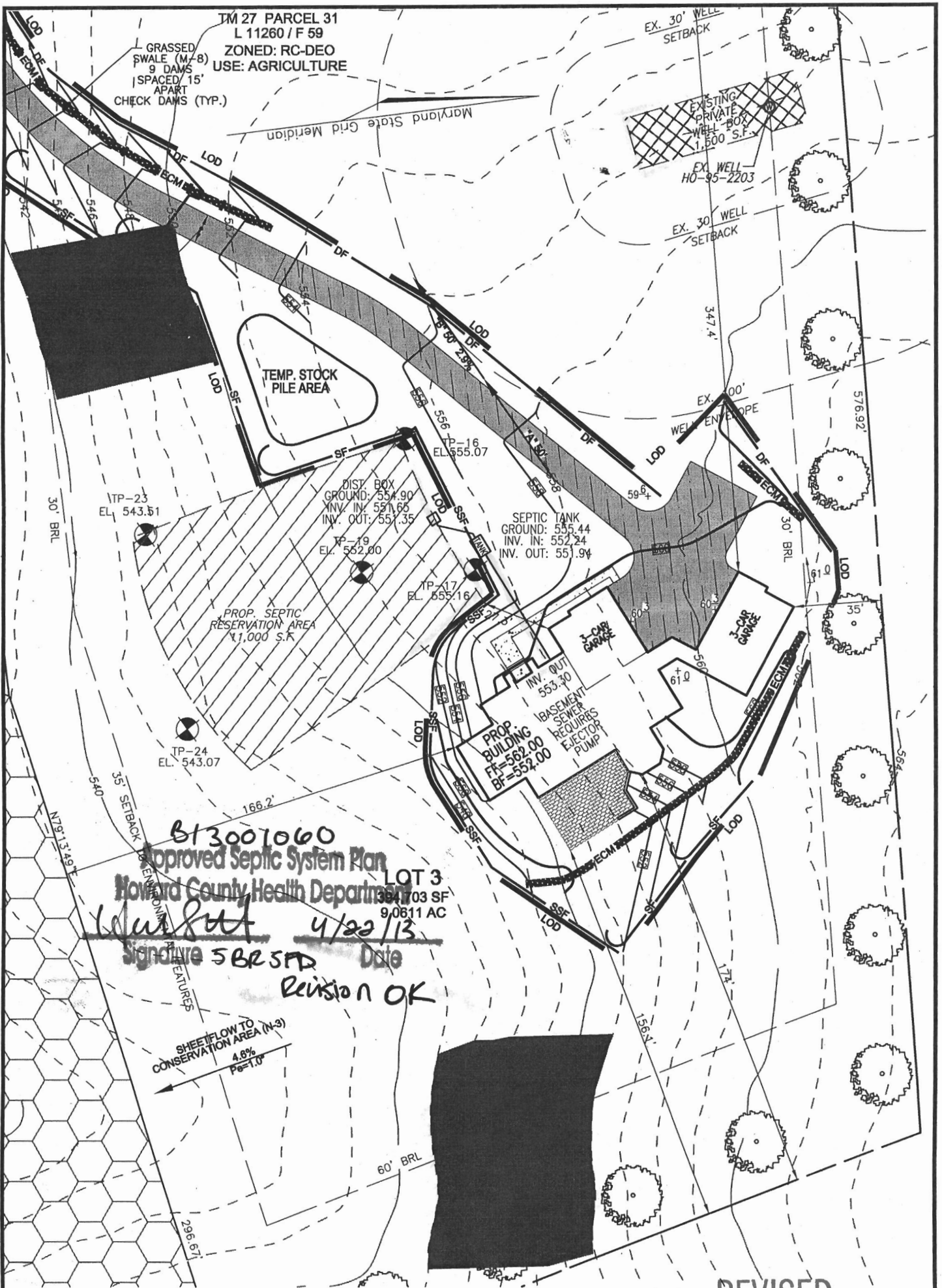
THIS WALL CHECK DRAWING CONTAINS A HORIZONTAL TOLERANCE IN ACCURACY OF 0.1' AND A VERTICAL TOLERANCE IN ACCURACY OF 0.2'

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 2000 WINDYBROOK DRIVE SUITE 21040 JESSEVILLE, OHIO 43084
 PHONE: 614-885-1222 FAX: 614-885-1223

STP
Date
4/22/13
394,703 SF
9,0611 AC
Health Department
LOT 3
21060
Sptic System Plan
166.2



WELL B
1,500
EX. WELL HO-95-22C
EX. 30 WELL SETBACK



B13001060
Approved Septic System Plan
Howard County Health Department
[Signature] **4/22/13**
Signature SBR STD Date
Revision OK

OWNER
 JONATHAN STUDDARD
 AMY B. STUDDARD
 14118 HOWARD ROAD
 DAYTON, MD 21036
 (443) 364-8075

SCALE
 SCALE: 1"=50'

REVISED
 Date: 4/16/13
 Comments: B13001060

SCALE: AS SHOWN
 DRAWN BY: JMR
 CHECKED BY: RHV
 DATE: NOVEMBER 2012
 PROJECT #: 08-50
 SHEET#: 1 OF 1

PLOT PLAN
STUDDARD
PROPERTY
LOT 3
ECP-11-005
 TAX MAP 27 PARCEL 31
 BLOCK 6
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

ADDRESS
 14138 HOWARD ROAD
 DAYTON, MD 21036
 GP-13-005

2 SHEET OF 2

ROBERT H. VOGEL
ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET
 ELLIGOTT CITY, MD 21043
 TEL: 410.461.7666
 FAX: 410.461.8961

We are an Equal Opportunity Employer

SAVAGE STONE, LLC

SAVAGE, MARYLAND

Mailing Address: P.O. Box 850, Laurel, Maryland 20725

DISPATCH / SALES
301-953-8973
410-792-3753

TRUCKER'S COPY

BILLING INQUIRIES
301-953-7650
410-792-7234

TICKET #00721468

STATION SS

DATE 08/29/13 TIME 09:37:26

CUSTOMER SMIBRA
BRANDON SMITH CONTRACTORS INC
6604 CARLETON COURT
LAUREL, MD 20707

JOB PICKUP : PICKUP
P.O. # PROJECT #:

TRUCK BS1379 LICENSE
DRIVER: BRANDON SMITH

0 AXLES

| | | |
|-------|-------------|----------|
| GROSS | SCALE B | 67600 lb |
| TARE | IN (STORED) | 27880 lb |
| NET | | 39720 lb |
| NET | | 19.86 t |

| | Loads | Tons |
|------------------|-------|-------------------|
| DAILY | 1 | 19.86 |
| TOTAL | 58 | 1136.20 |
| TIME IN 09:37:26 | | TIME OUT 09:37:26 |

MAT'L 0029 : WASHED #2 STONE
HAUL ZONE 0000

WEIGHMASTER

Stacey Hawke

RECEIVED BY

SAFETY FIRST! HAVE A GREAT DAY! PLEASE CHECK YOUR TICKET!

Deliveries of products of Savage Stone, LLC (SS) in vehicles arranged for by SS are usually made by interstate common carriers or by independent contractor businessmen operating as intrastate nonregulated truckers. In either such case SS exercises no control over and does not assume responsibility for the transportation and delivery of the products covered by this ticket. SS 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. SS assumes no responsibility for and exercises no control over deliveries of products of SS in vehicles arranged for by others, and SS 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. SS 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 GABBRO, IGNEOUS ROCK

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: Savage Stone, LLC
14504 Greenview Drive, Suite 210
Laurel, Maryland 20708
Telephone: 301-953-7650
Emergency: 301-953-7650

Product Chemical Name: Baltimore Gabbro
Product Identification/Synonyms: Crushed Stone, Aggregate, Manufactured Sand
DOT Identification Number: Unclassified

SECTION II - PRODUCT AND COMPONENT DATA

| Ingredient Name: | CAS Registry Number | Approximate Percentage | Exposure Limits ACGIH TLV |
|----------------------------|---------------------|------------------------|-------------------------------------------------|
| Gabbro | None | 100 | N/A |
| Crystalline Silica, Quartz | 14808-60-7 | 40 - 70 | .05 mg/m ³ Respirable Silica Dust |

SECTION III - PHYSICAL DATA

| | | | |
|---------------------------------------|-----------|------------------------|---------------------|
| Boiling Point | N/A | Vapor Pressure (mm Hg) | N/A |
| Specific Gravity (H ₂ O=1) | 2.6 - 3.0 | Appearance and Odor | Light Gray to Black |
| Vapor Density (Air=1) | N/A | Freezing Point | None, Solid |
| Solubility in Water | Insoluble | Evaporation Rate | N/A |
| Physical State | Solid | Odor | None |
| PH in Water | Neutral | Viscosity | None, Solid |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | |
|------------------------|---------------------------------------------------------|
| Flash Point and Method | Non-combustible |
| Combustion Products | N/A |
| Extinguishing Media | Use extinguishing media for surrounding fire conditions |
| General Hazard | Avoid breathing dust |

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

SECTION V - REACTIVE DATA

| | |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability | Product is Stable |
| Incompatibility | Aggregate dissolves in hydrofluoric acid, and may produce corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride. |
| Hazardous Decomposition | None |
| Hazardous Polymerization | None |

SECTION VI - TOXICOLOGICAL INFORMATION

| | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Primary Routes of Entry | Skin contact, eyes, Acute and Chronic inhalation, and ingestion. |
| Acute Exposure effects to Product | |
| Skin | Direct contact may cause irritation by mechanical abrasion. |
| Eyes | Direct contact may cause eye irritation by mechanical abrasion with discomfort or pain, local redness and swelling. |
| Inhalation | If inhaled in dust form, may cause nose, throat, and respiratory tract irritation by mechanical abrasion. Exposure in excess of appropriate exposure limits may cause coughing, sneezing, and shortness of breath. |
| Ingestion | Do not ingest aggregates. Ingestion of small quantities is not expected to be harmful. If ingested in large quantities, it may cause intestinal distress. |
| Effect of Chronic Exposure | |

Proper use of Gabbro 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

| | |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin Contact | Rinse the exposed area with cool water. Wash exposed area with mild liquid soap. Seek medical attention for a rash or continued irritation. |
| Eye Contact | Irrigate exposed eye(s) with clean water or saline solution for at least 15 minutes while holding the eye lid(s) open. Seek medical attention for abrasions, embedded particles or persistent irritation. |
| Ingestion | If the victim is conscious, provide clean water to rinse the mouth. Provide large quantities of water for the victim to drink. Seek medical attention immediately. Do not attempt to administer water by mouth to an unconscious person. |
| Inhalation | 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 VIII - PERSONAL PROTECTIVE EQUIPMENT AND CONTROL MEASURES

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Controls | Use exhaust, ventilation, or other effective 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 OSHA/MSHA Personal Exposure Limits, wear appropriate NIOSH/MSHA - approved respiratory protection. Respirators should be properly fitted for maximum effectiveness. |
| 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 each use and exposed clothing should be laundered after each use. |
| 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 extensive dust conditions exist or are anticipated. |

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Respirable crystalline silica-containing dust may be generated during the processing, handling and storage. The personal protective 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 material 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

DOT Classification - None Placard Requirement: 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. Savage Stone, LLC 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 Savage Stone.

SECTION XIII - DATE OF PREPARATION

Revision Summary: Revised January 5, 2006

1. Deliveries of products of Savage Stone, LLC (SS) in vehicles arranged for by SS are usually made by interstate common carriers or by independent contractor businessmen operating as intrastate nonregulated truckers. In either such case SS exercises no control over and does not assume responsibility for the transportation and delivery of the products covered by this ticket. SS 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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|----------------------------|---------------------|------------------------|-------------------------------------------------|
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| Crystalline Silica, Quartz | 14808-60-7 | 40 - 70 | .05 mg/m ³ Respirable Silica Dust |

SECTION III – PHYSICAL DATA

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|---------------------------------------|-----------|------------------------|---------------------|
| Boiling Point | N/A | Vapor Pressure (mm Hg) | N/A |
| Specific Gravity (H ₂ O=1) | 2.6 - 3.0 | Appearance and Odor | Light Gray to Black |
| Vapor Density (Air=1) | N/A | Freezing Point | None, Solid |
| Solubility in Water | Insoluble | Evaporation Rate | N/A |
| Physical State | Solid | Odor | None |
| PH in Water | Neutral | Viscosity | None, Solid |

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

| | |
|------------------------|---------------------------------------------------------|
| Flash Point and Method | Non-combustible |
| Combustion Products | N/A |
| Extinguishing Media | Use extinguishing media for surrounding fire conditions |
| General Hazard | Avoid breathing dust |

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

SECTION V – REACTIVE DATA

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

| | |
|--------------------------|------|
| Hazardous Decomposition | None |
| Hazardous Polymerization | None |

SECTION VI – TOXICOLOGICAL INFORMATION

| | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Primary Routes of Entry | Skin contact, eyes, Acute and Chronic inhalation, and ingestion. |
| Acute Exposure effects to Product | |
| Skin | Direct contact may cause irritation by mechanical abrasion. |
| Eyes | Direct contact may cause eye irritation by mechanical abrasion with discomfort or pain, local redness and swelling. |
| Inhalation | If inhaled in dust form, may cause nose, throat, and respiratory tract irritation by mechanical abrasion. Exposure in excess of appropriate exposure limits may cause coughing, sneezing, and shortness of breath. |
| Ingestion | Do not ingest aggregates. Ingestion of small quantities is not expected to be harmful. If ingested in large quantities, it may cause intestinal distress. |

Effect of Chronic Exposure

Proper use of Gabbro 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

| | |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin Contact | Rinse the exposed area with cool water. Wash exposed area with mild liquid soap. Seek medical attention for a rash or continued irritation. |
| Eye Contact | Irrigate exposed eye(s) with clean water or saline solution for at least 15 minutes while holding the eye lid(s) open. Seek medical attention for abrasions, embedded particles or persistent irritation. |
| Ingestion | If the victim is conscious, provide clean water to rinse the mouth. Provide large quantities of water for the victim to drink. Seek medical attention immediately. Do not attempt to administer water by mouth to an unconscious person. |
| Inhalation | 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 VIII – PERSONAL PROTECTIVE EQUIPMENT AND CONTROL MEASURES

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Controls | Use exhaust, ventilation, or other effective 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 OSHA/MSHA Personal Exposure Limits, wear appropriate NIOSH/MSHA - approved respiratory protection. Respirators should be properly fitted for maximum effectiveness. |
| Skin Protection | Long cuffed 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 each use and exposed clothing should be laundered after each use. |
| 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. |

SECTION IX – STORAGE AND HANDLING PRECAUTIONS

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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 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

DOT Classification - None Placard Requirement: None

SECTION XII – DISCLAIMER

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SECTION XIII – DATE OF PREPARATION

Revision Summary: Revised January 5, 2006

We are an Equal Opportunity Employer

SAVAGE STONE, LLC

SAVAGE, MARYLAND

Mailing Address: P.O. Box 850, Laurel, Maryland 20725

DISPATCH / SALES

301-953-8973

410-792-3753

TRUCKER'S COPY

BILLING INQUIRIES

301-953-7650

410-792-7884

TICKET 7007216

STATION 1

DATE 08/29/13 TIME 12:22:10

CUSTOMER SMIBRA

BRANDON SMITH CONTRACTORS INC
6604 CARLETON COURT
LAUREL, MD 20707

JOB PICKUP : PICKUP

P.O. # PROJECT #:

TRUCK BS1379 LICENSE
DRIVER: BRANDON SMITH

0 AXLES

| | | | |
|-------|----|----------|----------|
| GROSS | | SCALE B | 66880 lb |
| TARE | IN | (STORED) | 27880 lb |
| NET | | | 39000 lb |
| NET | | | 19.50 t |

| | Loads | Tons |
|------------------|-------|-------------------|
| DAILY | 3 | 59.26 |
| TOTAL | 60 | 1175.60 |
| TIME IN 12:22:20 | | TIME OUT 12:22:10 |

MAT'L 0029 : WASHED #2 STONE
HAUL ZONE 0000

WEIGHMASTER

Gail Harrison

RECEIVED BY

SAFETY FIRST! HAVE A GREAT DAY! PLEASE CHECK YOUR TICKET!

Products of Savage Stone, LLC (SS) in vehicles arranged for by SS are usually made by interstate common carriers or by independent contractor businessmen operating interstate nonregulated truckers. In either such case SS exercises no control over and does not assume responsibility for the transportation and delivery of the products covered by this ticket. SS is not 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.

SS assumes no responsibility for and exercises no control over deliveries of products of SS in vehicles arranged for by others, and SS 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.

Purchaser shall be responsible for providing promptly upon arrival a safe and practical location for the delivery and unloading of the product. SS shall not be responsible for any detention charge or other cost or damage resulting from failure to provide promptly such safe and practical location.

MATERIAL SAFETY DATA SHEET (MSDS) FOR GABBRO, IGNEOUS ROCK

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: Savage Stone, LLC
 14504 Greenview Drive, Suite 210
 Laurel, Maryland 20708
 Telephone: 301-953-7650
 Emergency : 301-953-7650

Product Chemical Name: Baltimore Gabbro
 Product Identification/Synonyms: Crushed Stone, Aggregate, Manufactured Sand
 Identification Number: Unclassified

SECTION II - PRODUCT AND COMPONENT DATA

| Ingredient Name: | CAS Registry Number | Approximate Percentage | Exposure Limits ACGIH TLV |
|----------------------------|---------------------|------------------------|-------------------------------------------------|
| Baltimore Gabbro | None | 100 | N/A |
| Crystalline Silica, Quartz | 14808-80-7 | 40 - 70 | .05 mg/m ³ Respirable Silica Dust |

SECTION III - PHYSICAL DATA

| | | | |
|---------------------------------------|-----------|------------------------|---------------------|
| Melting Point | N/A | Vapor Pressure (mm Hg) | N/A |
| Specific Gravity (H ₂ O=1) | 2.6 - 3.0 | Appearance and Odor | Light Gray to Black |
| Relative Density (Air=1) | N/A | Freezing Point | None, Solid |
| Solubility in Water | Insoluble | Evaporation Rate | N/A |
| Physical State | Solid | Odor | None |
| Color | Neutral | Viscosity | None, Solid |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: Non-combustible
 Combustion Products: N/A
 Extinguishing Media: Use extinguishing media for surrounding fire conditions
 Special Hazard: Avoid breathing dust

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

SECTION V - REACTIVE DATA

Stability: Product is Stable

Compatibility: Aggregate dissolves in hydrofluoric acid, and may produce corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride.

Hazardous Decomposition: None

SECTION VI - TOXICOLOGICAL INFORMATION

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

Acute Exposure effects to Product

Skin: Direct contact may cause irritation by mechanical abrasion.

Eyes: Direct contact may cause eye irritation by mechanical abrasion with discomfort or pain, local redness and swelling.

Inhalation: If inhaled in dust form, may cause nose, throat, and respiratory tract irritation by mechanical abrasion. Exposure in excess of appropriate exposure limits may cause coughing, sneezing, and shortness of breath.

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

Effect of Chronic Exposure

Proper use of Gabbro 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

Skin Contact: Rinse the exposed area with cool water. Wash exposed area with mild liquid soap. Seek medical attention for a rash or continued irritation.

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

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

Inhalation: 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

SECTION VIII - PERSONAL PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Engineering Controls: Use exhaust, ventilation, or other effective 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 OSHA/MSHA Personal Exposure Limits, wear appropriate NIOSH/MSHA - approved respiratory protection. Respirators should be properly fitted for maximum effectiveness.

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 each use and exposed clothing should be laundered after each use.

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.

SECTION IX - STORAGE AND HANDLING PRECAUTIONS

Respirable crystalline silica-containing dust may be generated during the processing, handling and storage. The personal protective 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 material 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

DOT Classification - None Placard Requirement: 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. Savage Stone, LLC 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 Savage Stone.

SECTION XIII - DATE OF PREPARATION

We are an Equal Opportunity Employer

SAVAGE STONE, LLC

SAVAGE, MARYLAND

Mailing Address: P.O. Box 850, Laurel, Maryland 20725

TRUCKER'S COPY

BILLING INQUIRIES

301-953-7650

410-792-7234

DISPATCH / SALES

301-953-8973

410-792-3753

TICKET #00721730

STATION SS

DATE 08/29/13 TIME 13:33:29

CUSTOMER SMIBRA
BRANDON SMITH CONTRACTORS INC
6504 CARLETON COURT
LAUREL, MD 20707

JOB PICKUP : PICKUP
P.O. # PROJECT #:

TRUCK BS1379 LICENSE
DRIVER: BRANDON SMITH

0 AXLES

| | | |
|-------|-------------|----------|
| GROSS | SCALE B | 67700 lb |
| TARE | IN (STORED) | 27800 lb |
| NET | | 39900 lb |
| NET | | 19.95 t |

| | | |
|------------------|-------|-------------------|
| | Loads | Tons |
| DAILY | 4 | 79.21 |
| TOTAL | 61 | 1195.55 |
| TIME IN 13:33:29 | | TIME OUT 13:33:29 |

MAT'L 0029 : WASHED #2 STONE
HAUL ZONE 0000

WEIGHMASTER _____

Stacey Hawke

RECEIVED BY _____



SAFETY FIRST! HAVE A GREAT DAY! PLEASE CHECK YOUR TICKET!

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3. Purchaser shall be responsible for providing promptly upon arrival a safe and practical location for the delivery and unloading of the product. SS 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 GABBRO, IGNEOUS ROCK

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Telephone: 301-953-7650
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Product Chemical Name: Baltimore Gabbro
Product Identification/Synonyms: Crushed Stone, Aggregate, Manufactured Sand
DOT Identification Number: Unclassified

SECTION II - PRODUCT AND COMPONENT DATA

| Ingredient Name: | CAS Registry Number | Approximate Percentage | Exposure Limits ACGIH TLV |
|----------------------------|---------------------|------------------------|-------------------------------------------------|
| Gabbro | None | 100 | N/A |
| Crystalline Silica, Quartz | 14808-60-7 | 40 - 70 | .05 mg/m ³ Respirable Silica Dust |

SECTION III - PHYSICAL DATA

| | | | |
|---------------------------------------|-----------|------------------------|---------------------|
| Boiling Point | N/A | Vapor Pressure (mm Hg) | N/A |
| Specific Gravity (H ₂ O=1) | 2.6 - 3.0 | Appearance and Odor | Light Gray to Black |
| Vapor Density (Air=1) | N/A | Freezing Point | None, Solid |
| Solubility in Water | Insoluble | Evaporation Rate | N/A |
| Physical State | Solid | Odor | None |
| PH in Water | Neutral | Viscosity | None, Solid |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | |
|------------------------|---------------------------------------------------------|
| Flash Point and Method | Non-combustible |
| Combustion Products | N/A |
| Extinguishing Media | Use extinguishing media for surrounding fire conditions |
| General Hazard | Avoid breathing dust |

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

SECTION V - REACTIVE DATA

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

Hazardous Decomposition: None
Hazardous Polymerization: None

SECTION VI - TOXICOLOGICAL INFORMATION

| | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Primary Routes of Entry | Skin contact, eyes, Acute and Chronic inhalation, and ingestion. |
| Acute Exposure effects to Product | |
| Skin | Direct contact may cause irritation by mechanical abrasion. |
| Eyes | Direct contact may cause eye irritation by mechanical abrasion with discomfort or pain, local redness and swelling. |
| Inhalation | If inhaled in dust form, may cause nose, throat, and respiratory tract irritation by mechanical abrasion. Exposure in excess of appropriate exposure limits may cause coughing, sneezing, and shortness of breath. |
| Ingestion | Do not ingest aggregates. Ingestion of small quantities is not expected to be harmful. If ingested in large quantities, it may cause intestinal distress. |
| Effect of Chronic Exposure | |

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|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| Ingestion | If the victim is conscious, provide clean water to rinse the mouth. Provide large quantities of water for the victim to drink. Seek medical attention immediately. Do not attempt to administer water by mouth to an unconscious person. |
| Inhalation | 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 VIII - PERSONAL PROTECTIVE EQUIPMENT AND CONTROL MEASURES

| | |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Controls | Use exhaust, ventilation, or other effective 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 OSHA/MSHA Personal Exposure Limits, wear appropriate NIOSH/MSHA - approved respiratory protection. Respirators should be properly fitted for maximum effectiveness. |
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SECTION XI - TRANSPORTATION

DOT Classification - None Placard Requirement: None

SECTION XII - DISCLAIMER

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SECTION XIII - DATE OF PREPARATION

Revision Summary: Revised January 5, 2006