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R.R. KRAMER (1888-1966)
E.H. RAYSON (1923-2017)

July 17, 2026

Planning Staff
Planning Commissioners

*Via Submission on Case Website
in Public Comment Section*

**Re: Vulcan – Dixie Lee Quarry Extension Project
Knox Planning Case # 7-B-26-UR**

Planning Staff and Planning Commissioners,

Based on on-going, productive engagement with neighbors and stakeholders, attached is Vulcan's July 8, 2026 letter setting forth additional conditions or actions it has committed to taking, as well as illustrative exhibits. Hard copies of the letter and exhibits were handed out by Vulcan at the Commission's meeting on July 9, 2026 with one exception. We corrected some punctuation errors in the first full paragraph on page 2.

The letter itself was posted to the "Public Comments" feature on Knox Planning's website on July 8, 2026, the day before the meeting, and was also at the same time emailed to the representatives of CARE, following Vulcan's three-hour meeting with the group on July 6, 2026. Furthermore, the letter (and Vulcan's commitments) is based on feedback received and discussed at the July 6 session. The referenced exhibits included here and handed out at the July 9 meeting, did not exist when the letter was posted on July 8, 2026.

Tying the exhibits to the July 8 letter, we provide the following explanation:

1. Exhibits Graybeal A and Graybeal B. Similar to the two exhibits submitted with Vulcan's Revised Use on Review Application that was filed on June 30, 2026, (that was the basis for the Staff's recommendation for approval with conditions), these two exhibits show the two routes (Graybeal A and Graybeal B) being discussed with the County and how the road fits within the areas of protective buffering benefiting surrounding property owners. Most importantly, these exhibits illustrate by the broken line in the yellow area the location of the limit of the drilling and blasting area Vulcan agrees to self-impose as stated in the letter. This agreement extends the separation of drilling and blasting from 360

feet to 450 feet, and *reduces* the portion of the 60-acre extension area that Vulcan can mine to 25 acres. In fact, sixty percent (60%) of the project is dedicated to buffer, screening, the new and improved Graybeal Road and other design features that were included as the result of community input, and all funded by Vulcan without taxpayer dollars.

2. Exhibit Labeled Buffer and Screening Plan. It is an amended Exhibit R8.0 that illustrates the cross section and sightlines from an adjacent home in Hickory Meadows Subdivision, including the beneficial impact of both the drill and blast restriction, as well as the addition of Vulcan's agreement to add a 10-foot tall landscaped berm (as suggested by neighbors on July 6) between the 60-foot right-of-way reserved for a new road and along the neighboring properties of Hickory Meadows Drive.

3. The Other Five Illustrations. These include to start a graphic overview, with written explanation, of the Application for use of the Project Area and its relationship to the existing Quarry (since the 1960s); then there are four illustrations of the Project Area and the impact on that Project Area of the agreed buffers, berms, road right-of-way and drilling and blasting restriction as applied to the two road alternatives and from both the close up view and viewing the entire Quarry operation.

For the record, I would also like to reiterate the timeline of Vulcan's communication, outreach and engagement with more than 160 neighboring landowners which began before the County public notice was issued:

a. **May 26, 2026:** Commensurate with filing the initial Use on Review Application with Knox Planning, Vulcan mailed letters to approximately 160 neighboring property owners providing notice of the filing and inviting them to attend a Neighbor Information Open House on June 11, 2026. [See Attachment: Neighbor Letter and Fact Sheet.]

b. **May 26, 2026 – June 10, 2026:** Engagement with many members of the community who called with questions.

c. **June 11, 2026:** 15+ Vulcan representatives hosted the Open House at Hardin Valley Church of Christ for approximately 60 members of the community, as well as three (3) three County Commissioners and representatives of Knox County. [See Attachment: Info Boards.]

d. **June 12, 2026 – June 29, 2026:** Continued engagement with members of the community, meetings with Knox County Engineering to discuss options for realignment of Graybeal Road and the initial contact by leadership of CARE.

e. **June 30, 2026:** Submit Revised Use on Review Application adding options for realignment of Graybeal Road and commitment to landscaping in 100-foot buffer among other things based on community input.

f. **July 2, 2026:** Knox Planning Staff recommendation of approval of Use on Review Application with 8 conditions.

g. **July 6, 2026:** Seven (7) Vulcan representatives hosted a 3-hour meeting with ten (10) CARE representatives to tour the Quarry, exchange ideas and hear concerns of the neighbors.

h. **July 8, 2026:** Responding to continued community input, Vulcan submitted to CARE and Knox Planning its letter proposing additional self-imposed conditions protective of its neighbors (see attached).

Yours truly,



Thomas M. Hale

TMH/tmm

Attachments

cc: Mike Reynolds
Carol Landrum
Brandon Bournes
Joshua Robbins
Kevin Smith, CARE
Chris Irwin, KELP



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E.H. RAYSON (1923-2017)

July 8, 2026

Kevin Smith, President
CARE Association
overallinspect@gmail.com

Via Email

Re: Vulcan – Dixie Lee Quarry Extension Project

Dear Kevin,

Thank you and the other representatives of your group CARE Association for taking time from your schedules to meet with the Vulcan Materials project team. We felt it was both important and productive for you to see Vulcan's operation up close and personally, as well as to exchange thoughts about Vulcan's pending Use on Review Application which is intended to enhance its long-term presence in Knox County.

As you know, the quarry opened in the 1960's, and Vulcan has openly owned the adjacent property since 1989 with the long-term intention of incorporating it into quarry operations. The quarry is a vital, strategically located resource that has supported the region's growth for generations, beginning with the construction of I-40 and continuing today by supplying the essential materials needed to build and maintain Knox County's homes, businesses, roads, utilities, and water infrastructure.

As the area has grown around Dixie Lee Quarry, neighboring residential communities such as Ardmore at Prosperity, Amber Vista, and Hickory Meadows, along with the West Knox Utility District facility, have benefited from access to these locally produced, high-quality construction materials. By providing materials close to where they are needed, the quarry helps support economic growth, reduces transportation impacts, and helps keep construction and infrastructure costs as affordable as possible for property owners, businesses, and taxpayers.

Starting with the time of Vulcan's filing with Knox Planning of its request to extend the permitted mining area at its Dixie Lee Quarry on May 26, 2026, Vulcan sent letters to more than 160 neighboring property owners, including undoubtedly many of CARE's members, providing notice that it had submitted

its Application. It has been engaging with stakeholders and interested citizens about its proposal, including hosting the Neighbor Information Open House on June 11, 2026 which you and approximately 60 citizens attended. The open house was staffed by 15+ Vulcan representatives who sought to explain the Company proposal and, importantly to hear concerns and receive suggestions from its neighbors.

In order to establish a safe buffer for mining operations the Knox County Zoning Ordinance fixes the setback for drilling and blasting at 200 feet from surrounding residential areas. Consistent with its 2009 Use on Review, Vulcan's initial Use on Review submittal in May 2026, provided for a setback of 100 feet of undisturbed vegetated area *plus* a 200-foot wide vegetated berm, 20 to 25 feet in height at its highest point. The proposal provided that no mining activity would be conducted in the extension area until after the berm and road construction are completed, and could only start after Vulcan obtains other required state and federal permits that are protective of public safety, health and the environment.

As has been discussed with the community, the Company's original proposal contemplated proposing the closure of Graybeal Road, a little used substandard county road which dissects Vulcan's property. During the open house and as a result of its other outreach, Vulcan learned of a strong sentiment for not losing a county road. As a result, representatives of the Company met with representatives of Knox County government to discuss the possibility of Vulcan, at its expense rerouting Graybeal. A couple of possible realignments have been discussed.

Following these discussions, as well as substantial internal review, Vulcan made the decision to propose that it would fully fund the design and construction of a replacement for Graybeal Road. Thus, as an alternative to vacating Graybeal Road, Vulcan has agreed to replace it with a realigned, improved and safer road located in a right-of-way on Vulcan's property.

Vulcan, in consultation with Knox County Engineering, also came up with two optional locations for the new right-of-way so that its 60-foot width would be placed so as to increase from 300 feet to 360 feet the distance between adjacent residential properties and the proposed new mining area. Vulcan prepared and filed with Knox Planning on June 30, 2026, a revised Plan of Operations including these options. The Road would be under County ownership and control and built to current County standards, the details of which would be worked out with Knox County Engineering. Once finalized, a condition of Knox Planning's staff recommendation is that a concept plan for the Road would need to come back to Planning Commission for approval. We heard the community's concerns and made a decision that would lessen the impact upon the Quarry's neighbors.

At our meeting on July 6, 2026 your group asked questions about health, safety and wellbeing while living in the vicinity of an active quarry, which is why it is such a heavily regulated industry. While quarrying is a complex and demanding operation, Vulcan has performed in a safe and conscientious manner at Dixie Lee and across the country for many decades.

In light of the commitments made by Vulcan over and above the County's safe Ordinance requirements, as well as the following additional concessions, Vulcan sees no material reason to further delay the process, which as of this writing includes months of detailed engineering for the road options,

in addition to state and federal permitting beyond County approval. However, based on additional feedback Vulcan has received via CARE, and from its continued on-going conversations with individual neighbors, Vulcan agrees to the following additional conditions.

- **Additional berm along a realigned Graybeal Road:** Vulcan will construct a landscaped berm (approximately 10 feet high) within the 100-foot undisturbed buffer adjacent to the right-of-way of the new Graybeal Road.
- **Quarry Extension and drilling and blast setback 125% beyond the County requirement:** Vulcan will maintain a 450-foot drilling and blasting setback from the back of lots fronting on Buttermilk Road, Hickory Meadows Drive and Pittman Drive.
- **Expanded Vibration Monitoring Network (+5 monitors dedicated to the Extension neighbors):** In addition to its existing network of seven active monitors, Vulcan will maintain five additional monitors dedicated to the Extension Area. These monitors will be scientifically placed to provide enhanced monitoring coverage and additional blasting data for neighbors along Buttermilk Road, Hickory Meadows Drive and Pittman Drive. All monitors will continue to be maintained, and data collected by an independent third-party technical consultant.
- **Transparent Blasting Data:** Vulcan will make quarterly blasting data available for review by appointment in the Quarry Office.
- **Neighbor Pre-Blast Notifications:** Vulcan will maintain and promote a pre-blast notification call list for neighbors opting in to receive same-day advance notification of planned blast.
- **Pre-Blast Structural Surveys:** Vulcan will conduct standard engineering surveys of structures within 1,000 feet of the Extension Area offered after the completion of the vegetated screening berm and before the first blast on the Extension Area for property owners who opt-in to the program. Vulcan will notify eligible property owners via mail to explain the procedure and provide a means of scheduling an inspection visit.
- **Blasting operations:** Blasting operations will generally occur 1-2 times per month, as opposed to 1-2 times per week, between 9 a.m. to 4 p.m., although this frequency is subject to adjustment based on site development needs, proximity to nearby structures, and seasonal market demand. No blasting will occur on Sundays or Federal holidays.
- **Low-Sound Back-up Alarms:** Vulcan will require the use of low-sound backup alarms on all mobile equipment operating on the Quarry Extension, including during berm construction.

In total, these accommodations and plan updates described in this letter represent an additional \$3 million to \$5 million investment. Moreover, a fact that likely gets lost in all of the complexities of the Application is that with the expanded mining setback commitment, less than 25 acres (or 42%) of the approximate 60-acre extension area will be permitted for drilling and blasting. The remaining acres will

Mr. Kevin Smith
Vulcan Dixie Lee Quarry Expansion
July 8, 2026
Page 4 of 4

be dedicated for buffer, vegetated berm and new road area, providing additional separation between quarry operations and neighboring properties.

It is not foreseeable for the berm and road construction to begin until one year after County approval and the construction process to take place over the course of about two years, during which time Graybeal Road will remain open. Depending on market demand, it could take another 5 to 10 years for drilling and blasting to reach the middle of the mining area on the extension. Vulcan is at the point in its engineered mine plan and capital cycle that it needs to move forward today with this critical \$23 million to \$25 million investment in the County.

We recognize that maintaining trust requires ongoing communication, and if concerns arise regarding our operations, Vulcan is committed to listening and working toward fair and responsible solutions. We hope these additional concessions will show our commitment to the needs of our neighbors and the community.

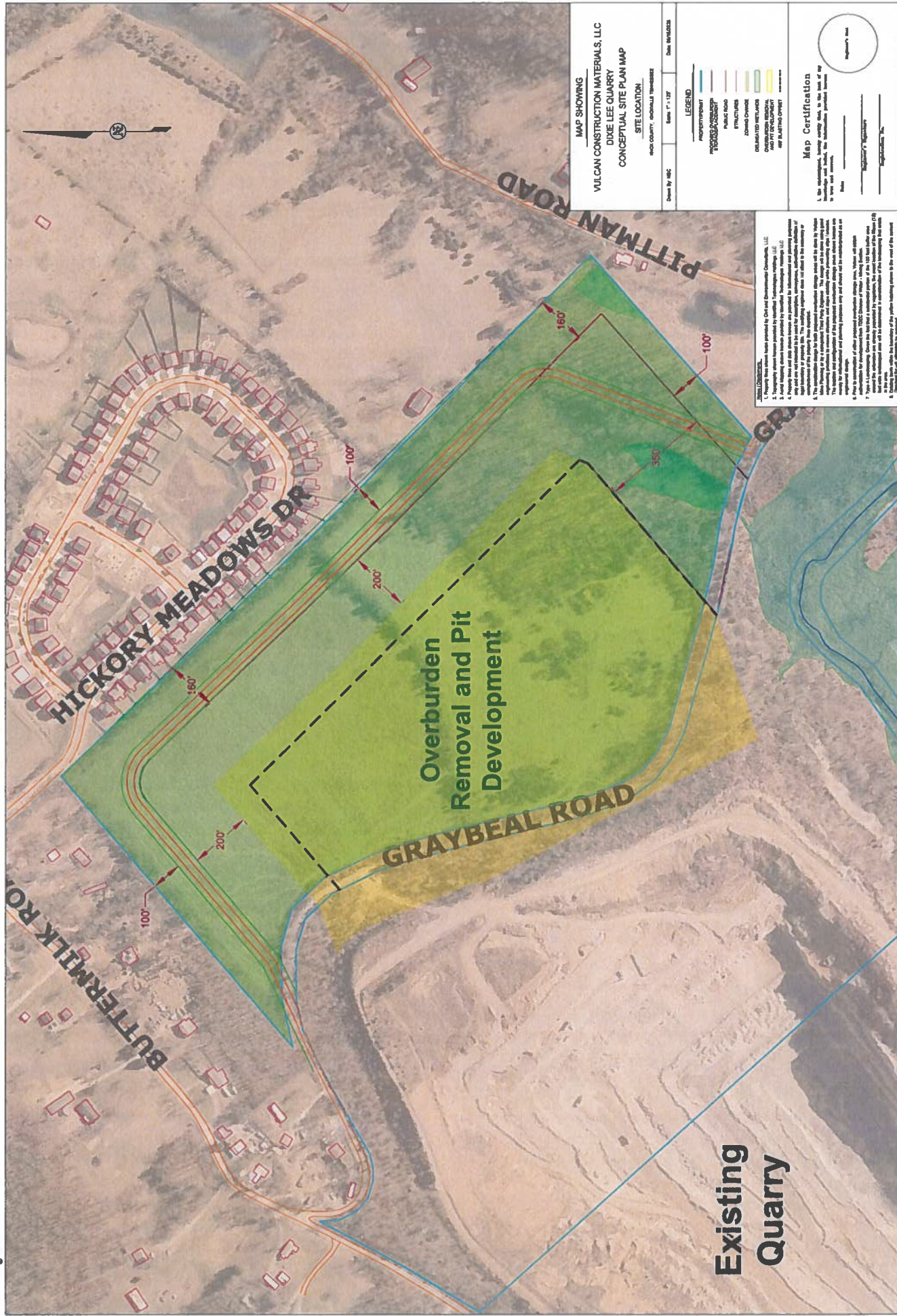
Yours truly,



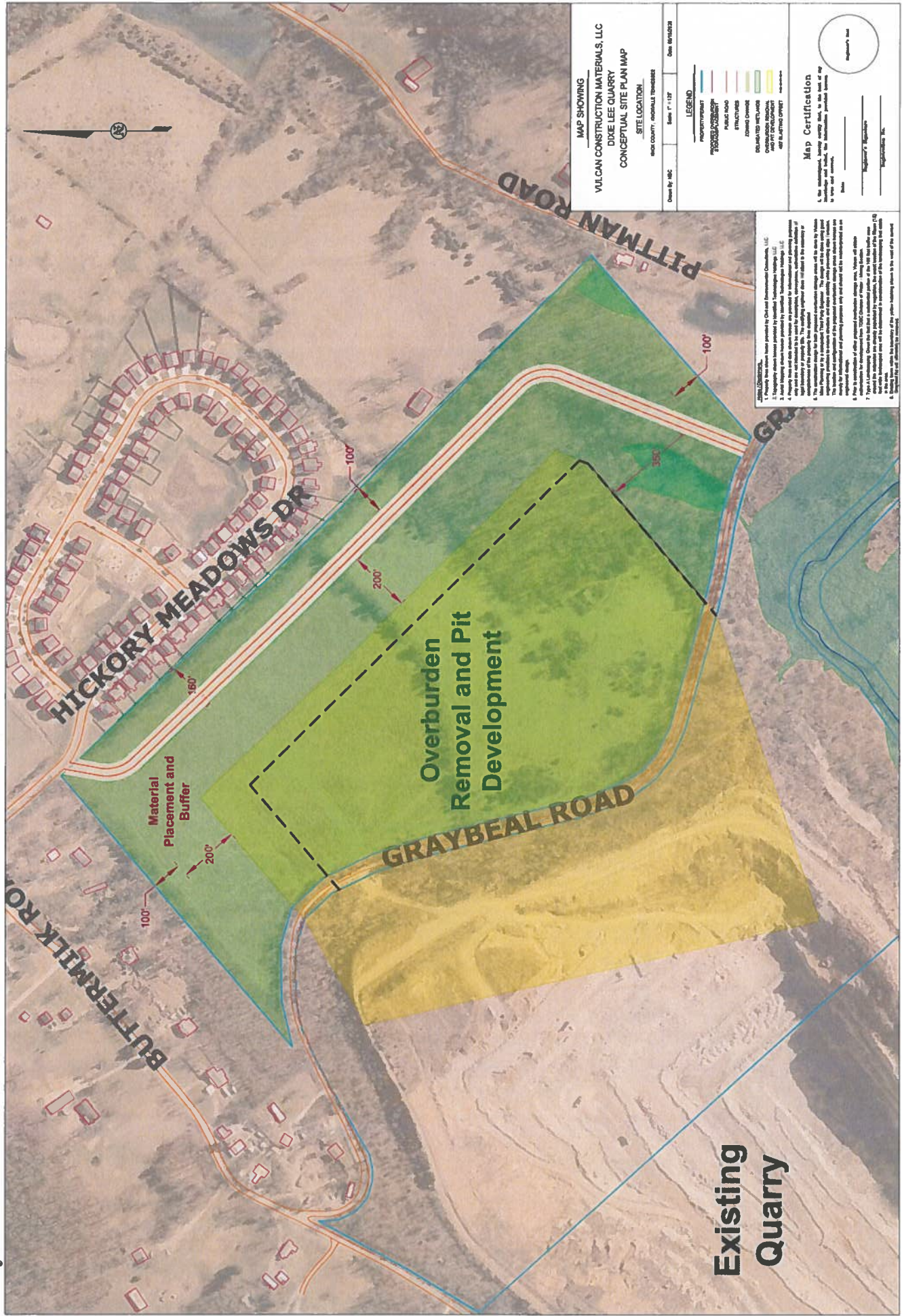
Thomas M. Hale

TMH/tmm

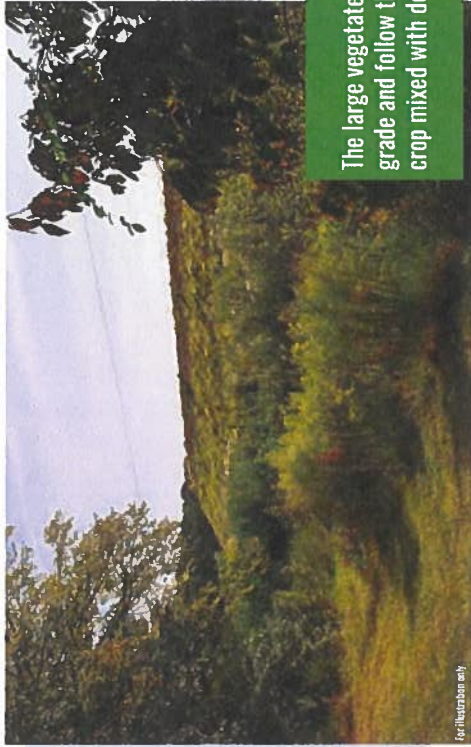
cc: Mike Reynolds
Douglas Finnan
Planning Commissioners
Carol Landrum
Brandon Bournes
Joshua Robbins



Existing Quarry



Consistent with the current quarry operations, the extension area will be screened by vegetated berms.

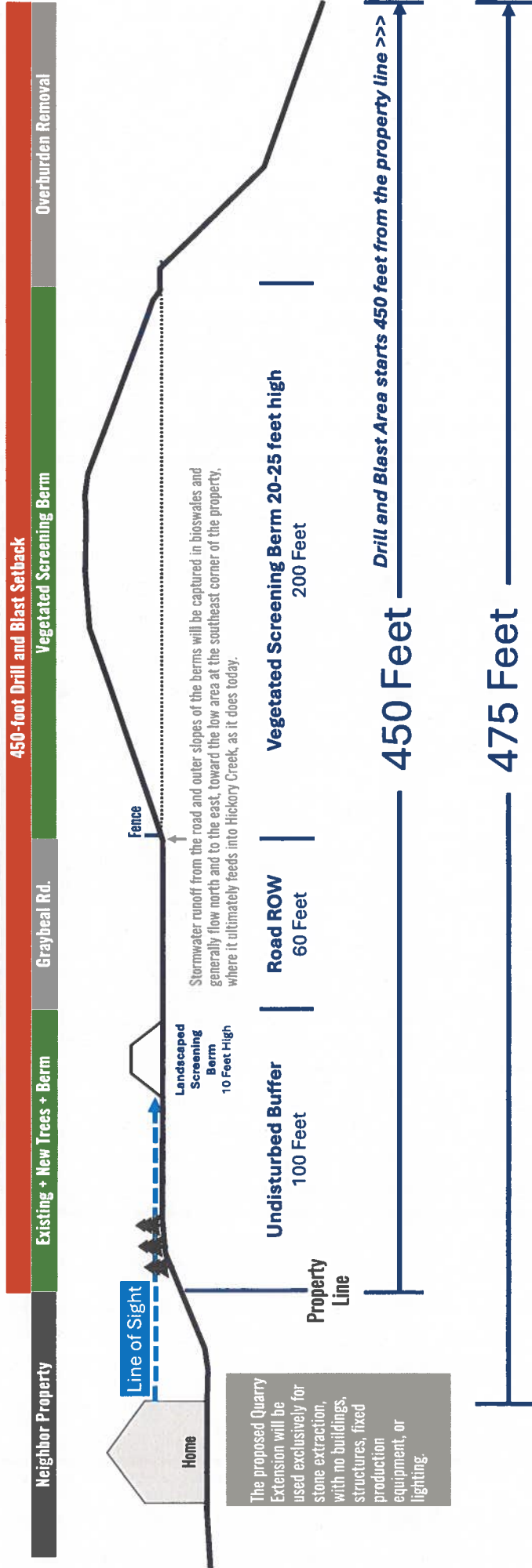


(for illustration only)

This conceptual view from Hickory Meadows Drive shows the general elevation of Hickory Meadows in relation to the neighboring Vulcan property that was acquired in 1989. Most of the existing trees within the 100-foot buffer will remain. Vulcan will augment the existing vegetation with a 15-foot Type A landscape area. And a 10-foot high screening berm.

Vulcan will construct a 20-25 foot high vegetated screening berm along the Buttermilk Rd. and Hickory Meadows Dr. sides of the Extension, with existing wetlands and vegetation serving as a buffer on the Pittman Dr. side. The entire Extension will be fenced.

The large vegetated screening berm will be approximately 20-25 feet high above grade and follow the existing topography. It will be planted with fast-growing nurse crop mixed with deep rooted perennial grasses, native grasses and wildflowers.



The proposed Quarry Extension will be used exclusively for stone extraction, with no buildings, structures, fixed production equipment, or lighting.

BUFFER AND SCREENING PLAN (R. 7/8)

Perspective from Hickory Meadows Drive

OVERVIEW

To help meet the area's infrastructure and construction needs, we propose investing \$27+ million to activate ~60 acres along Graybeal Road (owned since 1989) for a Quarry Extension that will support a strong Knox County.

The extension will only be accessible internally via the existing quarry and will not create additional demand for our aggregates, nor will it increase customer truck traffic.

Key Features

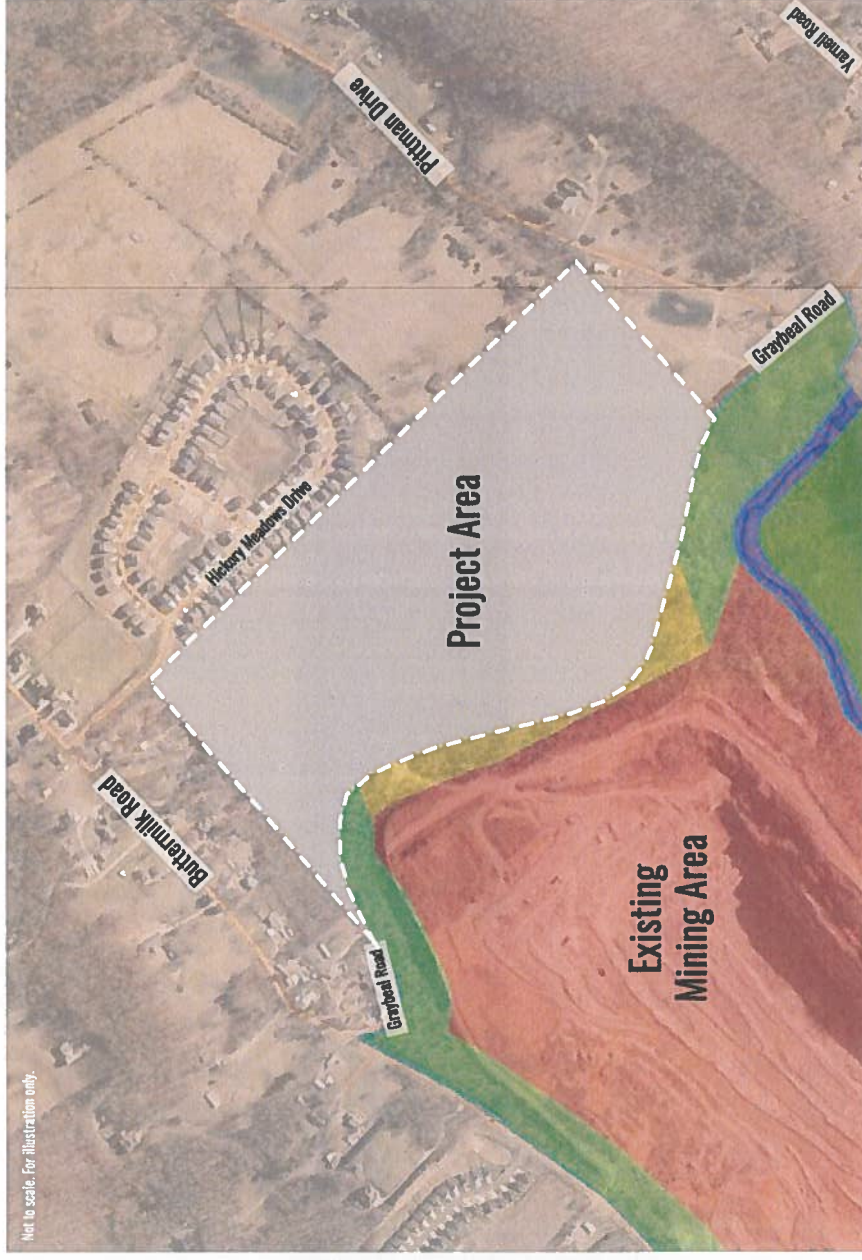
- Will be used exclusively for stone extraction
- No public access to the extension area
- No permanent buildings, structures, fixed production equipment, or lighting
- Will not increase production or customer traffic
- Significant vegetated screening berm
- Exceeds County safe buffer for mining by 125%

We are working with Knox County and stakeholders on a Graybeal Road realignment solution to maintain community mobility.

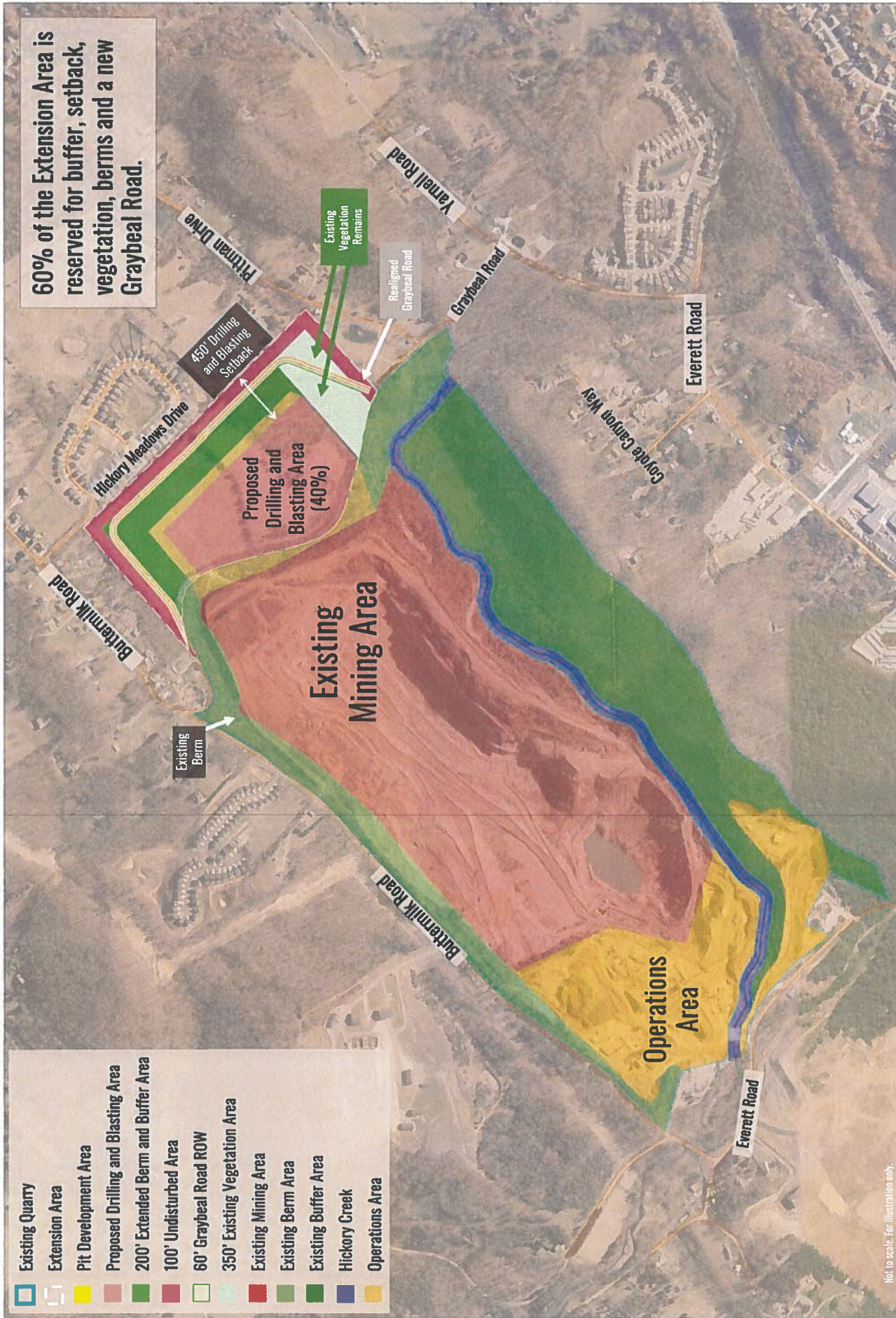
The extension is designed and will be operated to meet or exceed all state and federal requirements and regulations that are protective of safety, health, and the environment.

60% of the Extension Area is reserved for buffer, setback, vegetation, berms and a new Graybeal Road

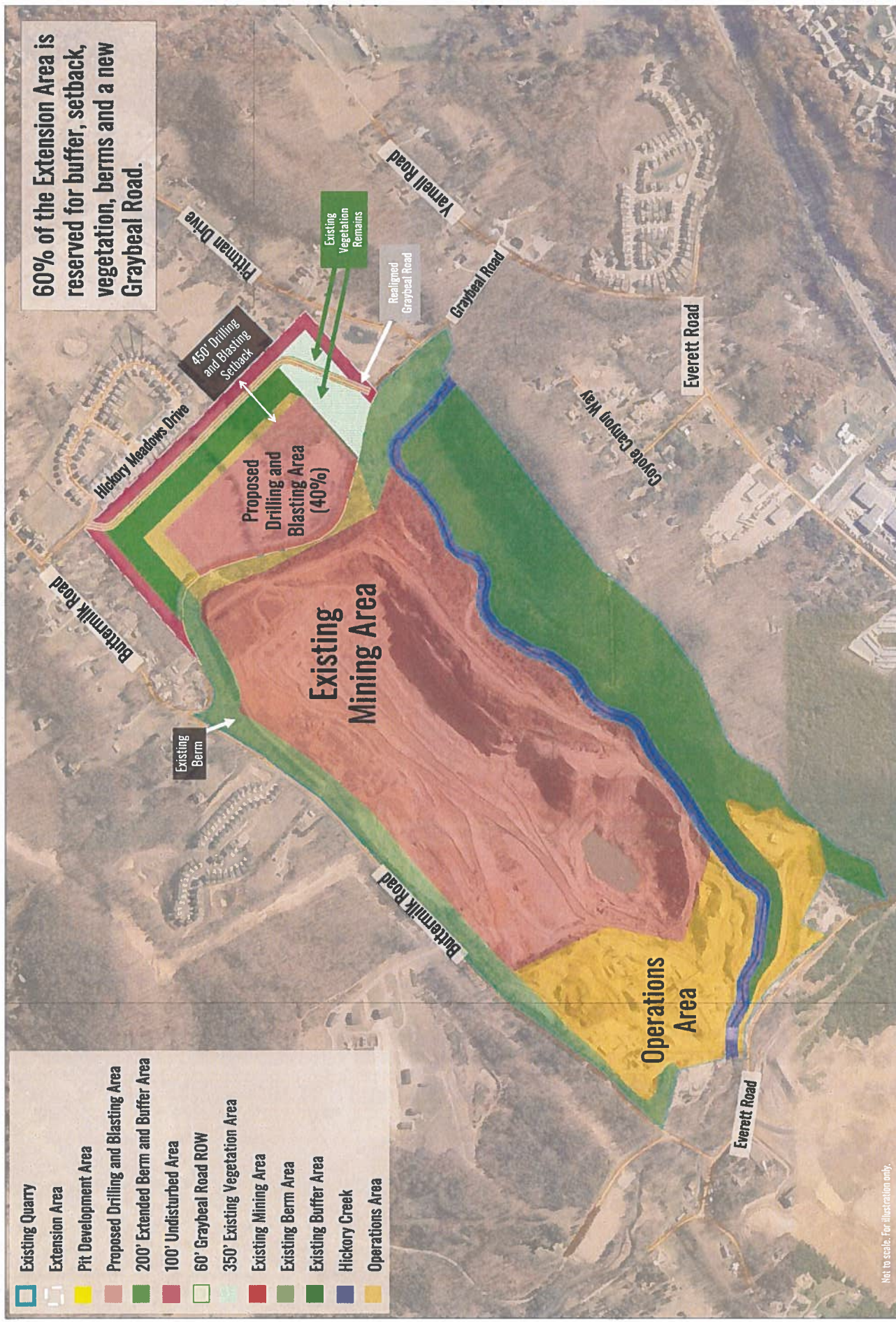
Total Project Area | ~61.4 acres (including Graybeal Road segment)



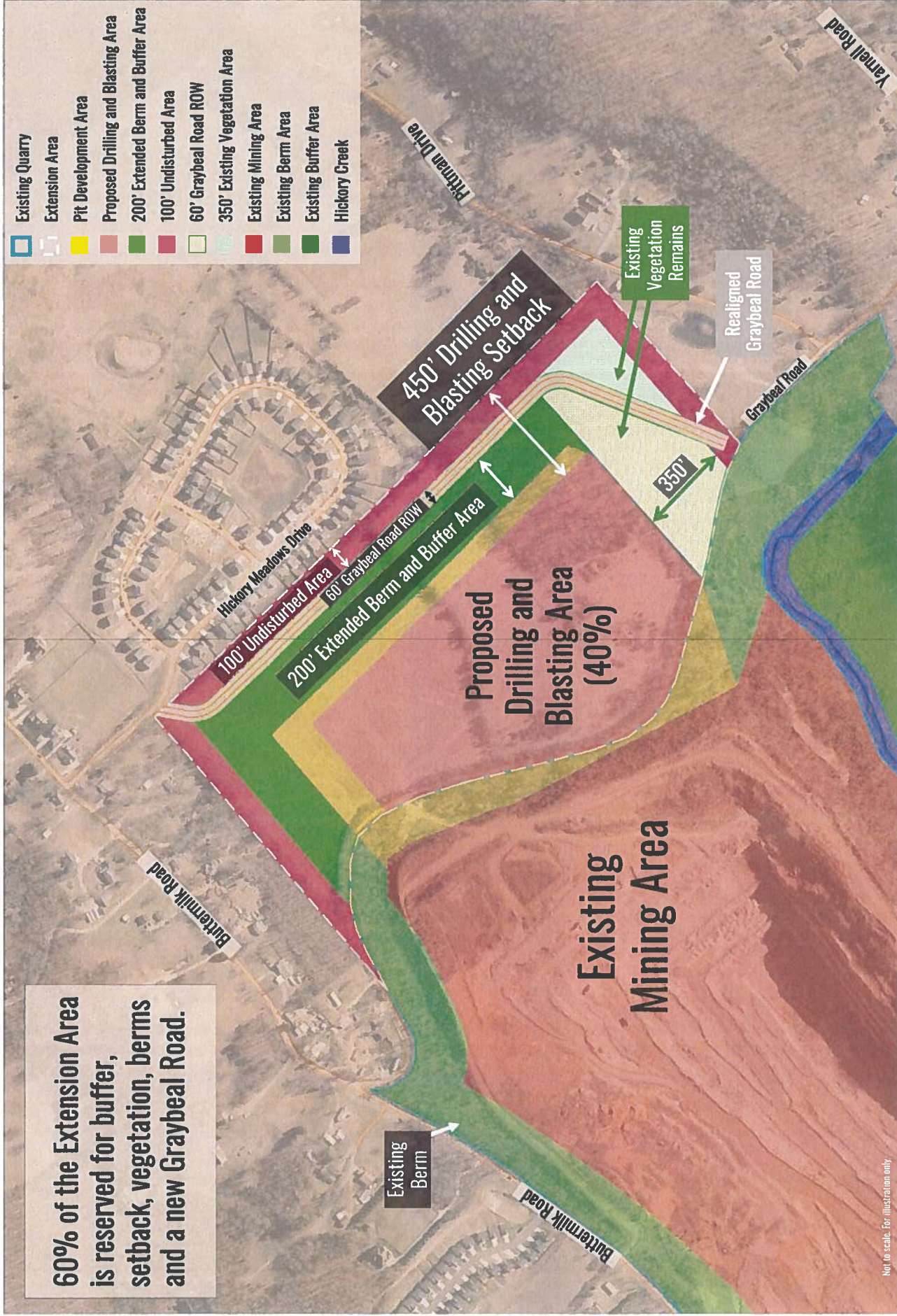
QUARRY EXTENSION (R. 7/8)



CONCEPT SITE PLAN A: Buttermilk Connection (R. 7/8)



CONCEPT SITE PLAN B: Hickory Meadows Connection (R. 7/8)



60% of the Extension Area is reserved for buffer, setback, vegetation, berms and a new Graybeal Road.

CONCEPT SITE PLAN B: Hickory Meadows Connection (R. 7/8)



May 2026

Dear Neighbor,

My name is Brandon Bournes, and I'm the local Area Operations Manager for Vulcan Materials Company. I'd like to share with you an important update about our plans at Dixie Lee Quarry.

As you may know, the quarry has been an integral part of the local area since the 1960s and we have operated the site since 1975. Our team produces the high-quality construction materials used to build and maintain the roads, schools, hospitals, homes, and places of worship that serve our community every day.

We're also proud to be an active community partner and to support the region's economy while operating responsibly and safely. We work hard to be a good neighbor by meeting or exceeding local, state, and federal community-focused safeguards and regulatory requirements.

Quarry Update

To continue our responsible investment in Knox County, our engineering and operations teams have developed a plan to update our operation by activating 58 acres along Graybeal Road that we have owned since 1989.

The Quarry Extension will be limited to stone extraction only, with nearly half of the area set aside for buffer and a vegetated screening berm. It will only be accessible from within our existing site. It will not create additional demand, alter the location of existing quarry production plant areas, increase overall site production, or change customer truck traffic volume or patterns. Please see the attached fact sheet for more details.

So, what's next?

We recently filed a Use on Review application with Knox County for the Quarry Extension and expect it to be heard by the Planning Commission and the County Commission later this summer. Concurrently, we will also apply to partially vacate the portion of Graybeal Road between Buttermilk Road and Pittman Drive. Along with the county permit, the project will require additional state and federal permitting. After all approvals, we will start by constructing the exterior vegetated screening berm, which is not expected to begin before 2027.

We understand that you will have questions, so please join us on June 11 for an open house, where you'll have the opportunity to meet our team, learn more about the plan and provide feedback.



Please Join us for a Neighbor Information Open House
Thursday, June 11 | 5 - 7 PM (you can drop-in anytime)
Hardin Valley Church of Christ
11515 Hardin Valley Road, Knoxville, TN 37932
RSVP by June 10: Scan the QR Code OR visit bit.ly/dixielee

We value our relationship with the community and hope to see you on June 11. In the meantime, if you ever have any questions or would like to learn more, we're always happy to connect at dixielee@vmcmail.com.

Thank you for your time.

Sincerely,

Brandon Bournes
Area Operations Manager



Dixie Lee Quarry Extension Fact Sheet (May 2026)



Since the 1960s, Dixie Lee Quarry has been a key economic driver and committed community partner.

Reliable production of high-quality construction aggregates remains essential to Knox County's economic strength, supporting critical infrastructure such as roads, bridges, utilities, water systems, buildings, and housing.

To help meet the area's infrastructure and construction needs, we propose activating 58 acres along Graybeal Road (land we have owned since 1989) for a Quarry Extension that will support a strong Knox County.

The proposed Quarry Extension will be used exclusively for stone extraction, with no buildings, structures, fixed production equipment, or lighting. Stone mined from the extension will be processed and shipped from the Existing Quarry and Operations Area.

Internal Access: The extension will only be accessible internally via the existing quarry. The extension will not create additional demand for our aggregates and will not increase customer truck traffic.

Buffer Area and Vegetated Screening Berm: Nearly half of the extension area will be used

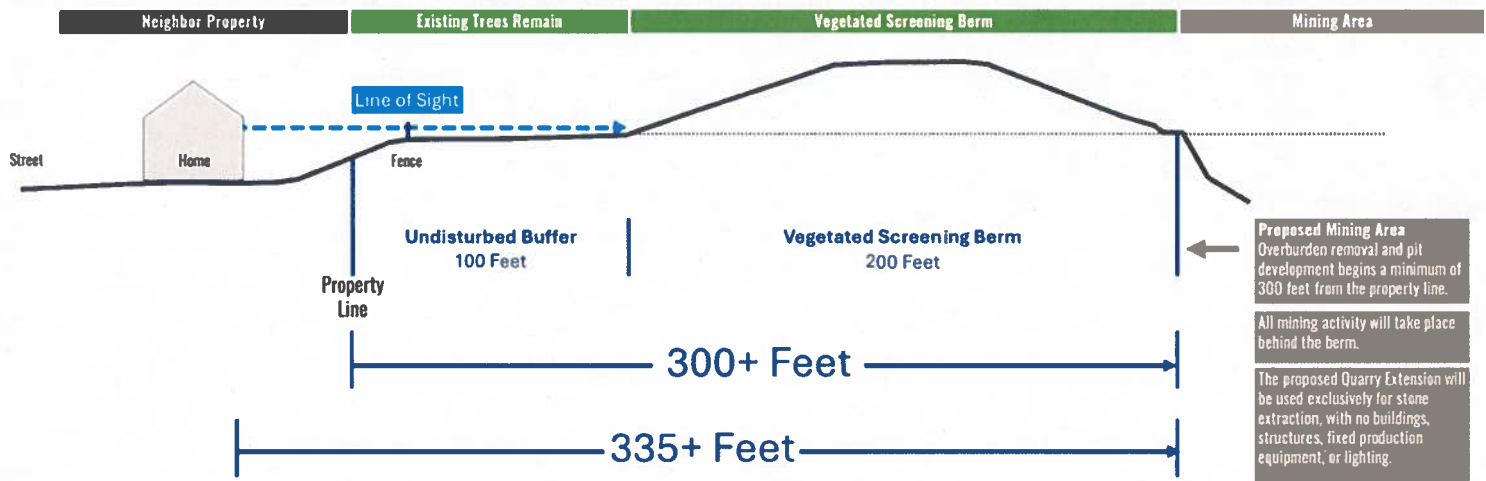
as buffer to provide visual and sound screening for our neighbors. All mining activity will take place at a minimum of 300 feet from the property line, behind a 20-25 foot high vegetated screening berm and buffer area.

Graybeal Road: Because Graybeal Road bisects both the existing quarry area and the proposed extension we are concurrently seeking approval from the Knox County Commission to vacate a portion of Graybeal Road between Pittman Drive and Buttermilk Road. The western portion of Graybeal Road will become a private drive. Vulcan will fund roadway improvements at the Graybeal Road/Pittman Drive curve, Pittman Drive will continue to Yarnell Road.



Consistent with the current quarry operations, the extension area will be screened by vegetated berms.

This conceptual view from Hickory Meadows Drive shows the general elevation of Hickory Meadows in relation to the neighboring Vulcan property that was acquired in 1989. Most of the existing trees within the 100-foot buffer will remain. Vulcan will install a fence and construct a vegetated screening berm around the north and west sides of the Quarry Extension, with existing wetlands and vegetation serving as a buffer on the east. All mining activity will take place behind the berm and vegetated buffer area. Stone extraction will be a minimum of 300 feet from the property line.



Prior to extending the mining area onto the Quarry Extension, the vegetated screening berm will be constructed using onsite overburden material to provide visual and sound screening for neighbors. There will be a minimum 100-foot buffer with a fence between the property line and the toe of the berm. We will also extend the existing screening berm along Buttermilk Road along the north and west sides of the Quarry Extension.

The Extension will be required to operate under regulations that are protective of people, land, air and water.

These include oversight from the Knox County Department of Air Quality Management, the Tennessee Department of Environment & Conservation (TDEC), the State Fire Marshal, the Mine Safety and Health Administration (MSHA), the U.S. Environmental Protection Agency (EPA), and the U.S. Army Corps of Engineers (USACE).

We use highly controlled, precisely engineered blasting that lasts only a fraction of a second and is conducted during normal daylight business hours. Blasting is regulated by the State of Tennessee under our mining permit, which sets strict limits that align with U.S. Bureau of Mines standards that are proven to be safe for people and structures. Our activity is independently monitored by a third party through a seismograph network with data reported directly to our engineers and operations team.

What's next? We recently filed a Use on Review application with Knox County. We expect to be heard by the Planning Commission and the County Commission later this summer.

Questions, comments, feedback? If you ever have any questions or would like to learn more, we're always happy to connect with you. Please feel free to email our team at dixielee@vmcmail.com.



Doing The Right Thing,
The Right Way,
At The Right Time.

WELCOME

Vulcan
Materials Company
Dixie Lee Quarry

COMMITTED TO KNOX COUNTY

Doing The Right Thing, The Right Way, At The Right Time.

Since the 1960s, Dixie Lee Quarry has supported the region's economy, all while operating responsibly and safely. We supply the region with high-quality construction materials that build and maintain the roads, schools, hospitals, homes, and places of worship that serve our community every day.

- Our purpose is to responsibly supply the local market with the construction aggregates required to support the economy and build and maintain critical infrastructure.
- We work hard to be a good neighbor and maintain compliance with local, state, and federal safety, environmental, and community-focused safeguards and regulatory requirements.
- Our operational performance and track record consistently meet or exceed local, state, and federal requirements.

To continue our responsible investment in Knox County, our engineering and operations teams have developed a plan to update our operation by activating 58 acres along Graybeal Road that we have owned since 1989.



Economic

- \$32 million annual economic benefit (Sales, Wages, Taxes, Utilities 2025)
- 27 full-time employees

Safety & Environment

- Meet or exceed local, state, and federal requirements
- Protective of air, land, and water
- Maintain safe blasting procedures and monitoring

Community

- \$130,000 in contributions and donations to area schools and community organizations from 2022-2026
- Partner with local civic organizations
- Stone donations to local schools and non-profits

WELCOME

Vulcan
Materials Company
Dixie Lee Quarry

Community Relations Line: dixielee@vmcmail.com

STRENGTHENING OUR COMMUNITY

Good neighbors in Knox County.

We responsibly use our land to serve the community in meaningful ways beyond supplying the products that support the local economy. Our employees actively support local schools, first responders, and nonprofits across Knox County.

- Two-time recipient of the National Stone, Sand and Gravel Association's Excellence in Community Relations Gold Award (2015 and 2025)
- Maintain an active Business Education Partnership with Farragut Intermediate School for 19 years
- Provide stone donations to Hardin Valley Elementary, Middle and High schools, Lenoir City Middle School, and the Hero's Hill Initiative for veteran housing
- Title sponsor of the Legacy Parks Foundation and Knox County Parks & Recreation's Beaver Creek Flotilla
- Ongoing support for Knox County first responders and biannual road cleanups around the quarry and collaboration with Random Acts of Flowers
- Supporter of the Knoxville Symphony Orchestra's youth concerts, Fun with Fleet at Bob Mayor Park, Light up the Valley, and Street Hope
- Over 10 years of support for the Second Harvest Food Bank, the American Cancer Society, the Helen Ross McNabb Center, and the Juvenile Diabetes Research Foundation

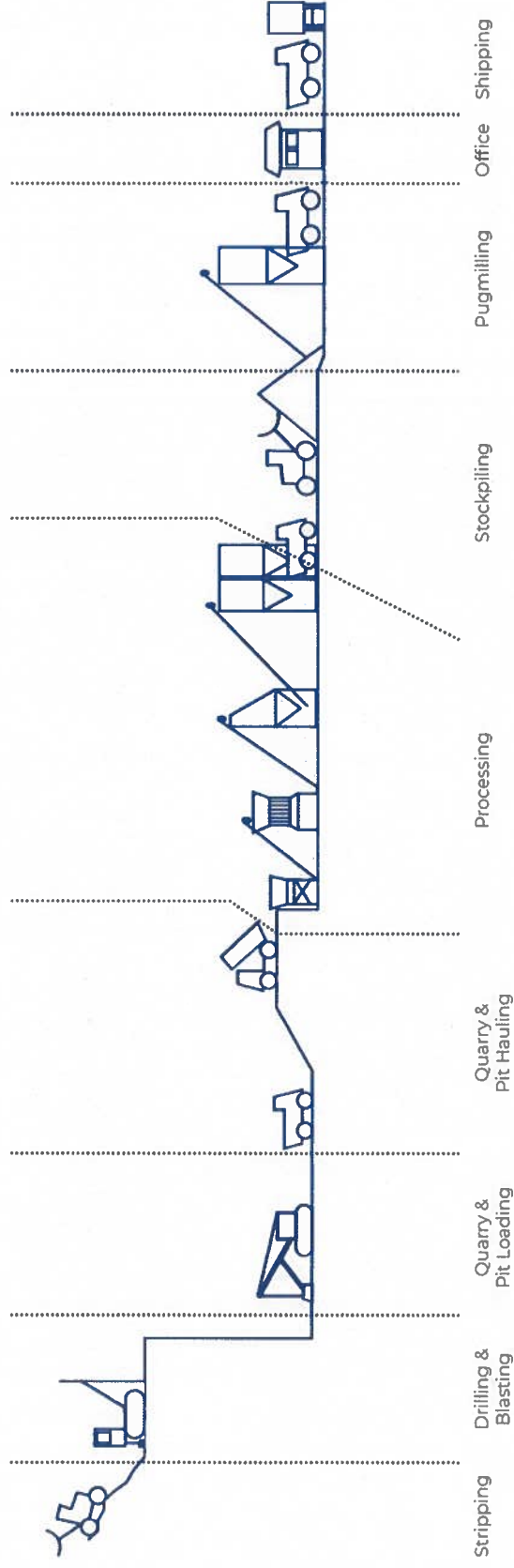


COMMUNITY

Vulcan
Materials Company
Dixie Lee Quarry

Community Relations Line: dixielee@vnmcm.com

WE MAKE BIG ROCKS INTO SMALL ROCKS



OPERATIONS

Vulcan
Materials Company
Dixie Lee Quarry

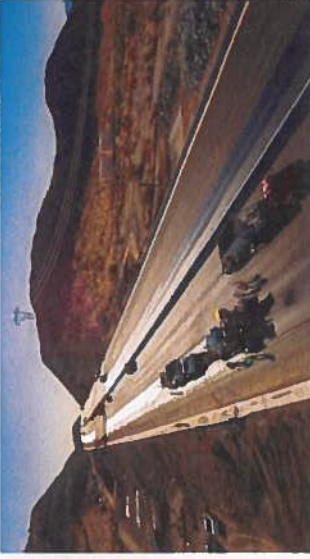
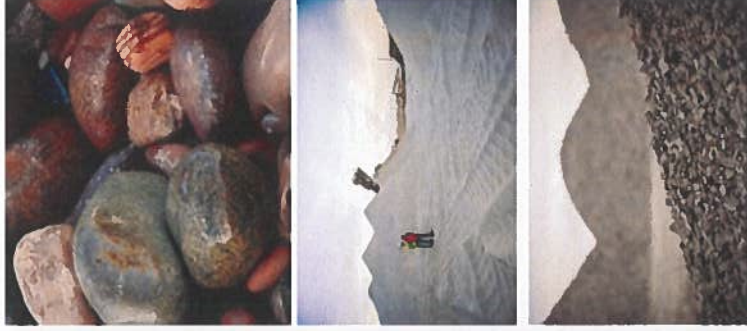
Community Relations Line: dixielee@vmcmail.com



OVERALL SITE PLAN

CONSTRUCTION AGGREGATES

Drive our economy.



**How much
do we need?**

38,000 tons
builds one lane-mile of a
four-lane interstate highway

400 tons
builds the
average home

80%
amount of aggregate
in concrete

94%
amount of aggregate
in asphalt pavement

OUR PRODUCTS

Vulcan
Materials Company
Dixie Lee Quarry

Community Relations Line: dixielee@vmcmail.com

OVERVIEW

To help meet the area's infrastructure and construction needs, we propose activating 58 acres along Graybeal Road (land we have owned since 1989) for a Quarry Extension that will support a strong Knox County.

The extension will only be accessible internally via the existing quarry and will not create additional demand for our aggregates, nor will it increase customer truck traffic.

Key Features

- Will be used exclusively for stone extraction
- No public access to the extension area
- No permanent buildings, structures, fixed production equipment, or lighting
- Will not increase production or customer traffic
- Significant vegetated screening berm and buffer area

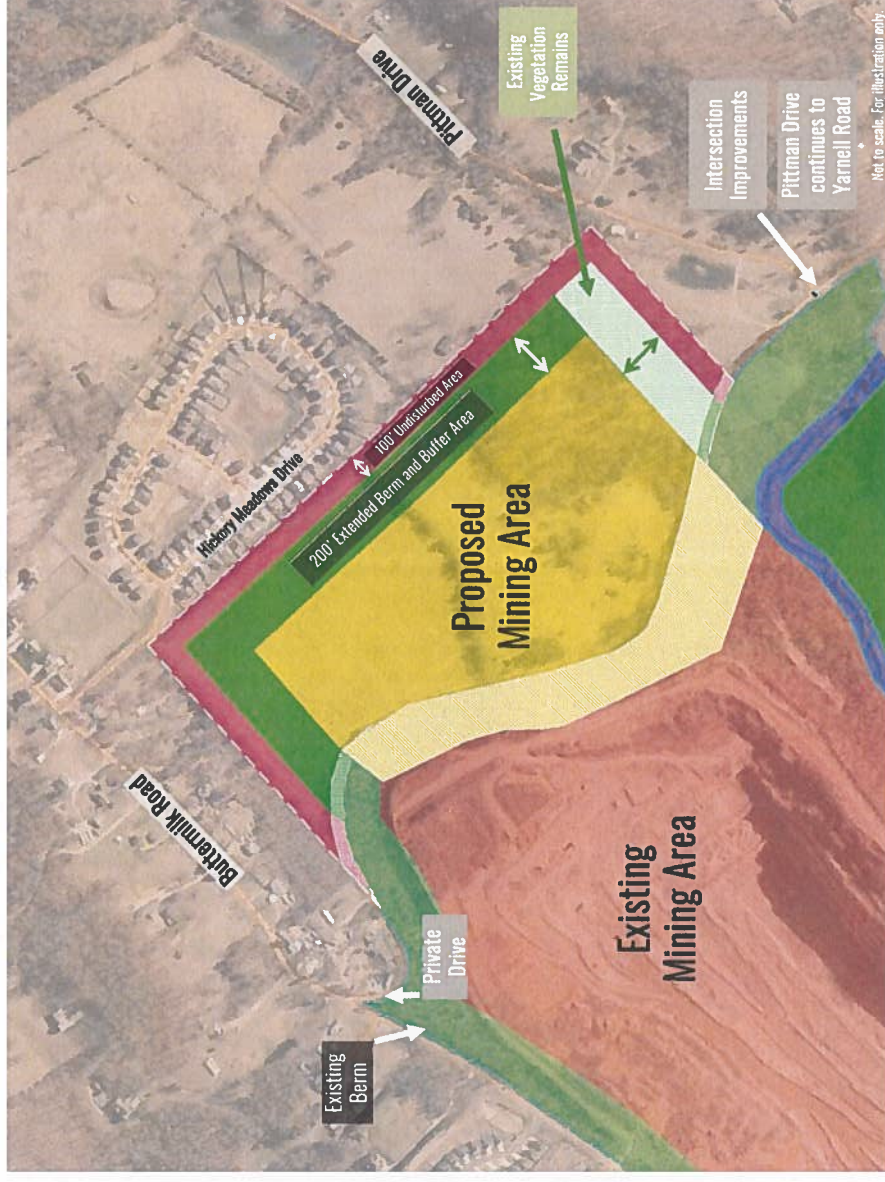
We plan to vacate a portion of Graybeal Road (between Buttermilk Road and Pittman Drive) as part of this extension.

The extension is designed and will be operated to meet or exceed all state and federal requirements and regulations that are protective of safety, health, and the environment.

QUARRY EXTENSION

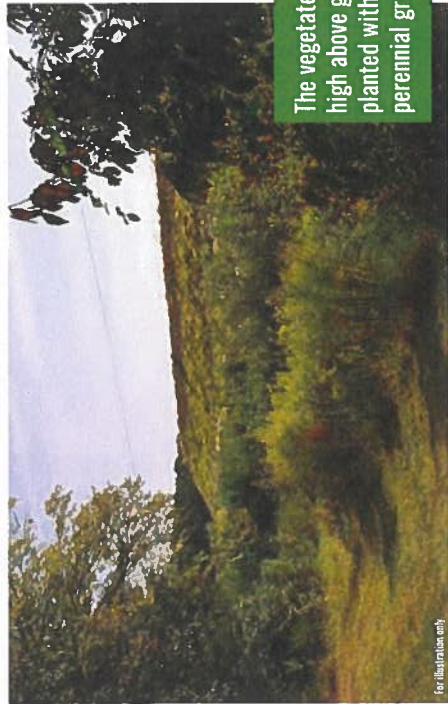
Project Area | 57.8 acres

- Proposed Mining Area (yellow): 32.8 acres
- Extended Berm and Buffer Area (green): 15.6 acres
- Undisturbed Area (purple): 9.4 acres

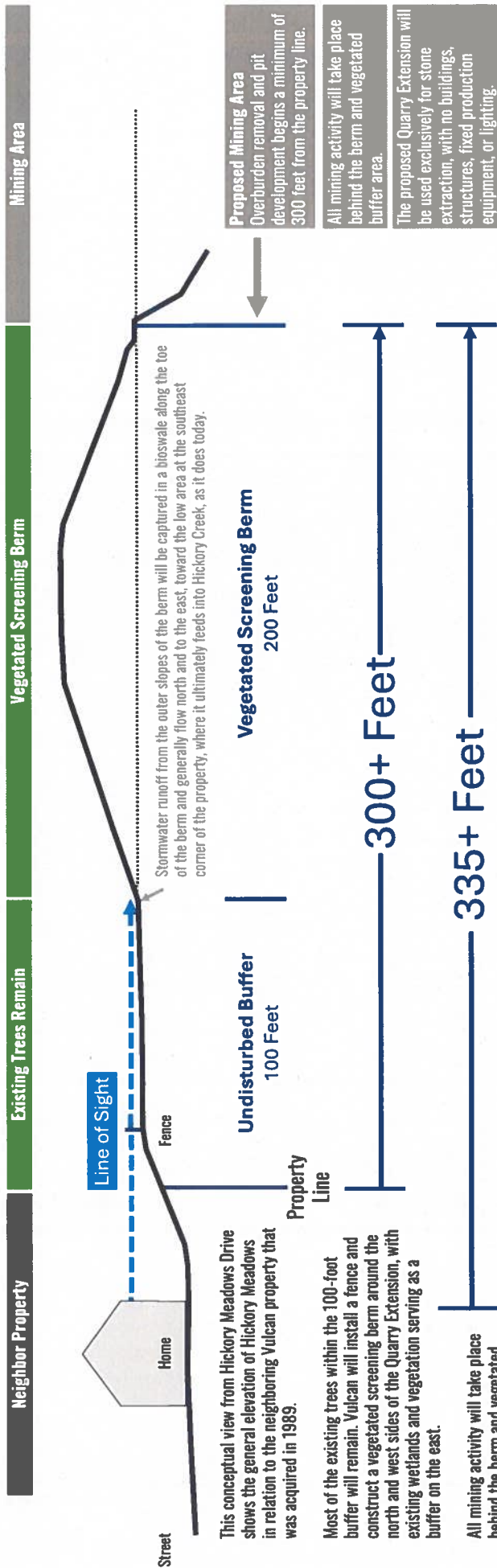




Consistent with the current quarry operations, the extension area will be screened by vegetated berms.



The vegetated screening berm will be approximately 20-25 feet high above grade and follow the existing topography. It will be planted with fast-growing nurse crop mixed with deep rooted perennial grasses, native grasses and wildflowers.



BUFFER AND SCREENING PLAN

Perspective from Hickory Meadows Drive

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Because Graybeal Road bisects both the existing quarry and the proposed extension, we are seeking Knox County Commission approval to vacate the segment between Pittman Drive and Buttermilk Road. The western portion will be converted to a private drive, with Vulcan funding improvements at the Graybeal Road/Pittman Drive curve. Pittman Drive would continue to Yarnell Road.

PITTMAN DRIVE IMPROVEMENTS

RESPONSIBLE OPERATIONS

Protective of people, land, air and water.

Our commitments

Vulcan works to be a strong community partner by meeting or exceeding local, state, and federal safety, environmental, and community standards. Through disciplined operations, the company protects people, land, air, and water while consistently delivering performance that meets or surpasses regulatory requirements.



Air

Knox County Department of Air Quality Management

Land and Water

Tennessee Department of Environment & Conservation (TDEC)
U.S. Environmental Protection Agency (EPA)

Wetlands

U.S. Army Corps of Engineers (USACE)

Safety

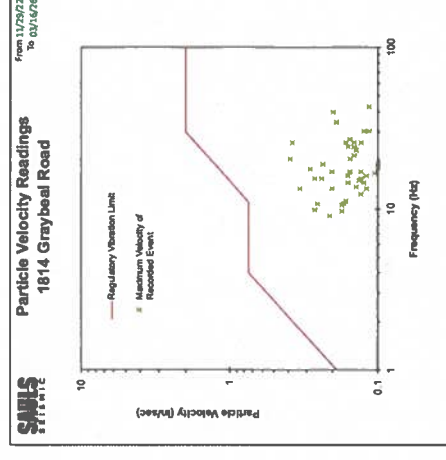
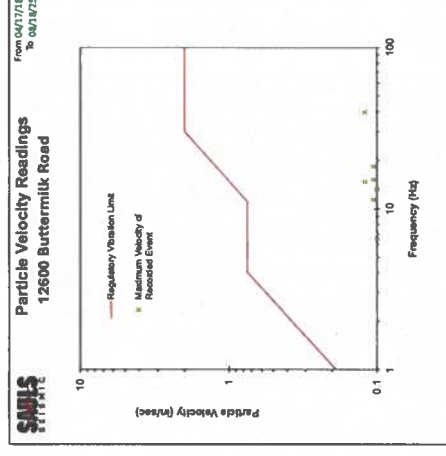
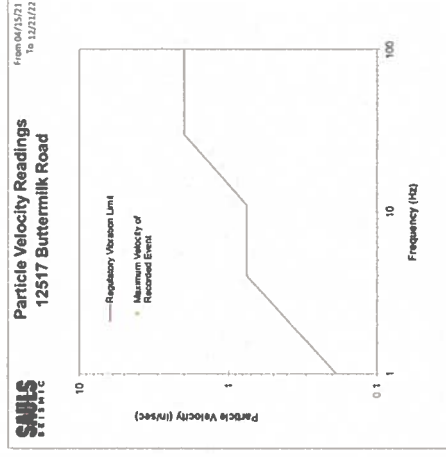
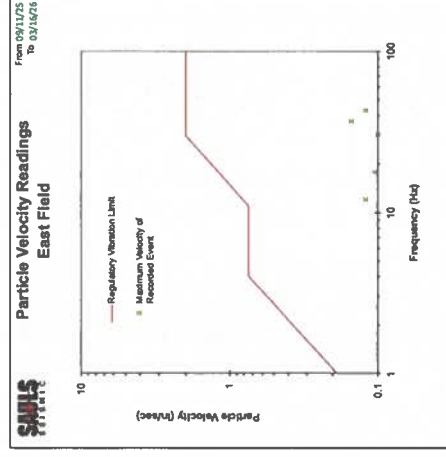
Mine Safety and Health Administration (MSHA)

Operations and Blasting

Mine Safety and Health Administration (MSHA)
State Fire Marshal

REGULATORY SAFEGUARDS

Scientific research has extensively shown that if the blasting activities do not produce vibration levels that exceed the limits set by the U.S. Bureau of Mines, the cosmetic damage potential (and thereby structural damage potential) from blasting is zero.



We are required to be below the **red** line.

SAFE BLASTING

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