



**BLAST PLAN**

**COLD SPRING POINTE PHASE 1**  
**COLD SPRING, KENTUCKY**

**2006 EDMONTON ROAD**  
**TOMPKINSVILLE, KY 42167**

**(270) 407-5881**

**[WWW.ROCKSOLUTIONSLLC.COM](http://WWW.ROCKSOLUTIONSLLC.COM)**

**BLAST PLAN FOR**  
**COLD SPRING POINTE PHASE 1**  
**COLD SPRING, KENTUCKY**

**Rock Solutions LLC**  
**2006 Edmonton Road**  
**Tompkinsville, KY 42167**

**CREATED BY:**

**CHARLES ALAN SINGER**

**MAY 31, 2024**

The following is Rock Solutions LLCs “Blast Plan” for **Cold Spring Pointe Phase 1 (Cold Spring, Kentucky)**. All blasting on this project will be performed with laws and regulations governing blasting and explosives (Chapter 0780-2-15 Blasting Standards) as required and in compliance by the **Division of Mine Reclamation and Enforcement, Division of Explosive and Blasting (KRS 351.990 & 805 KAR 4:005-4:165)**. Additionally, the following guidelines shall be adhered to:

1. Federal Explosives Law and Regulations ATF P 5400.7 11/07
2. NFPA 495 Explosive Material Code
3. OSHA Standards, 29 CFR 1926 Subpart U-Blasting and the Use of Explosives.

A copy of Rock Solutions Federal and State permit is attached.

### **Storage and Transportation**

Explosives will be transported onto the property daily and there will be no overnight storage.

Transported Explosives will remain in an IME Box mounted on one-ton trucks, in accordance to Federal, NFPA and OSHA Standards.

### **Blasting Operations**

Rock Solutions LLC will coordinate with the designated representative of the General Contractor, as to the date and time to schedule actual blasts.

General: The Blaster in Charge of said project will be **Charles Singer, Blasting Superintendent**.

Blaster in Charge will be responsible for:

1. Blast patterns.
  - a. Blast patterns will be designed to shatter rock for excavation.
  - b. Blasting mats will be used, only if needed, to help prevent fly rock that could cause damage to personnel or property.
2. Explosives and Handling.
  - a. All explosives will be handled according to State and Federal laws.
  - b. Only authorized Rock Solutions LLC., personnel will handle explosives.
  - c. All explosives will be supplied by **Austin Powder**.
3. Blast area safety and security.

### **Drilling**

The drilling of the blast hole will be performed by skilled hydraulic drill operators. The operators will drill the pattern and depth that is instructed by the Blaster in Charge. Furthermore, the operators will report any abnormal circumstances or conditions to the blaster in charge. Additionally, daily drill logs will be kept for review.

All drilling will be conducted, utilizing hydraulic track drills, equipped with dust control systems.

### **Blast Area**

1. Blast area will be clearly marked with signs
2. Only Rock Solutions LLC employees will be allowed in immediate blast area.
3. Pop up storms may be a very serious hazard if a blast loading process has started. In this event, blast area will be secured, or blast will be fired as soon as area can be secured. Lightning strikes have been known to detonate blasts.
4. This scenario above mentioned will be avoided, if at all possible, by taking into consideration weather forecasts before loading starts.

### **Firing**

The timetable for shot firing, and all clear, will not exceed 15 minutes.

All personnel in blast area will be notified prior to the blast. The General Contractor's Representative will be notified prior to the blast.

1. Blast area secured.
2. Warning signals given.
3. Upon verification from Rock Solutions LLC that the area is secure, blast will be fired.
4. After detonation of blast, Blaster in Charge will inspect.
  - a. In the event of a misfire, the hole will be re-hooked and reshot, and the situation will be resolved before all clear will be given during that closure period.
5. When all holes have been detonated, all clear will be given.

### **Post Blast**

1. Shot reports will be made and seismic data will be recorded.
2. All shot reports and seismic records will be available.

### **Attached**

1. Federal and State Permits.
2. Diagrams

**Licensed Blaster in Charge:**

Mr. **Charles Singer**, Blasting **Superintendent**, will serve as the licensed blaster in charge for this project.

Mr. **Singer's Kentucky** Blasting Number is **10234**, Expiration Date is **09/01/2025**.

In this capacity, Mr. **Singer** has been involved in the development of this blast plan and will be onsite during all blasting operations.

Licensed Blaster in Charge duties to include but not limited to:

1. Maintain a current log of blasting operations and will maintain documentation showing delivery, usage and return of unused explosives daily.
2. Will carefully coordinate the blasting activities with the Pre-Blast Survey Company, the Seismic Monitoring operations, as well as ensuring the blasting operations are in compliance with **Reliable Excavating & Digging Specialists**.
3. He will ensure that pre- and post-blast warnings are posted and made audible as required by the specifications.
4. The Licensed Blaster in Charge will be responsible for the safe and efficient performance of the blasting operations on this project.



## **Division of Mine Reclamation & Enforcement**

Explosives and Blasting Branch  
300 Sower Boulevard  
Frankfort, Kentucky 40601  
(502) 782-6754

### **2024 Permit to Purchase or Receive Explosives**

1. Company or Individual Name and Address:

**ROCK SOLUTIONS, LLC  
2006 EDMONTON RD  
TOMPKINSVILLE, KY 42167**

2. Permit Number:

**28320325**

3. Name of person accountable for the explosives and responsible for complying with the terms of the permit:

**CLEARY, DARREN**

This permit entitles the above-named person, firm, association, or corporation named in box 1 to purchase, receive or take possession of explosives within the Commonwealth of Kentucky. Failure to comply with the laws governing the storage, transportation, and use of explosives may result in the suspension or revocation of this permit. The permit number set out above in box 2 shall be provided to any distributor of explosives prior to any purchase or other receipt of explosives.

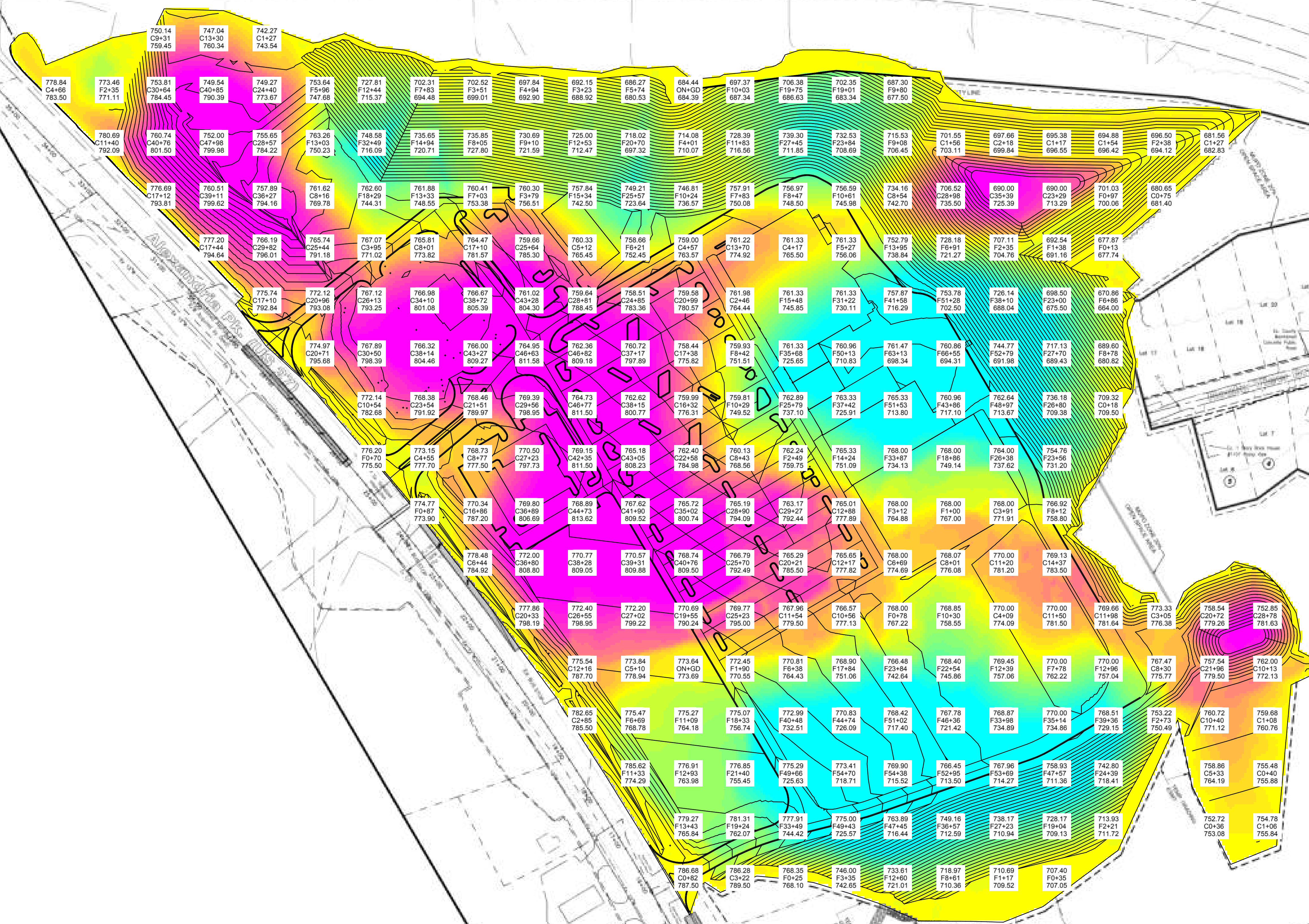
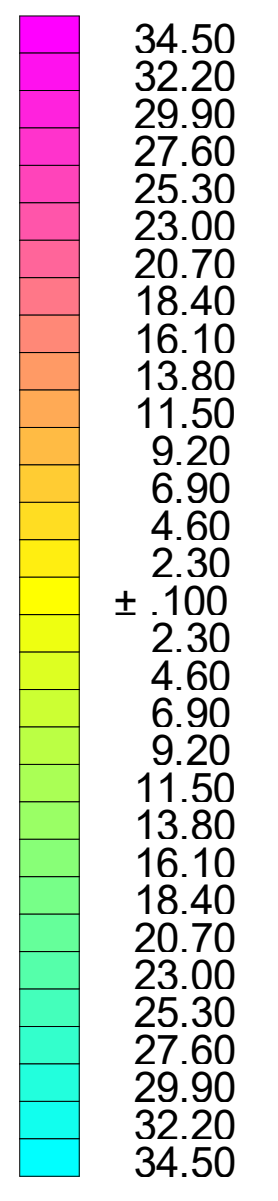
**This permit is non-transferable.**

**Issue Date: 1/5/2024**

**Permit Expires: 3/15/2025**



AA Hwy. (KY Hwy. #9)

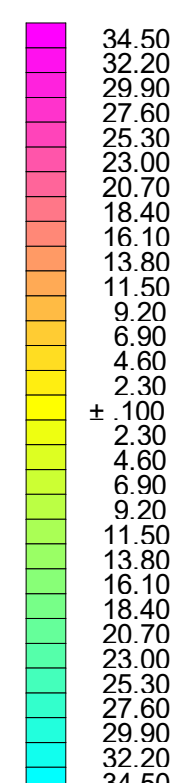
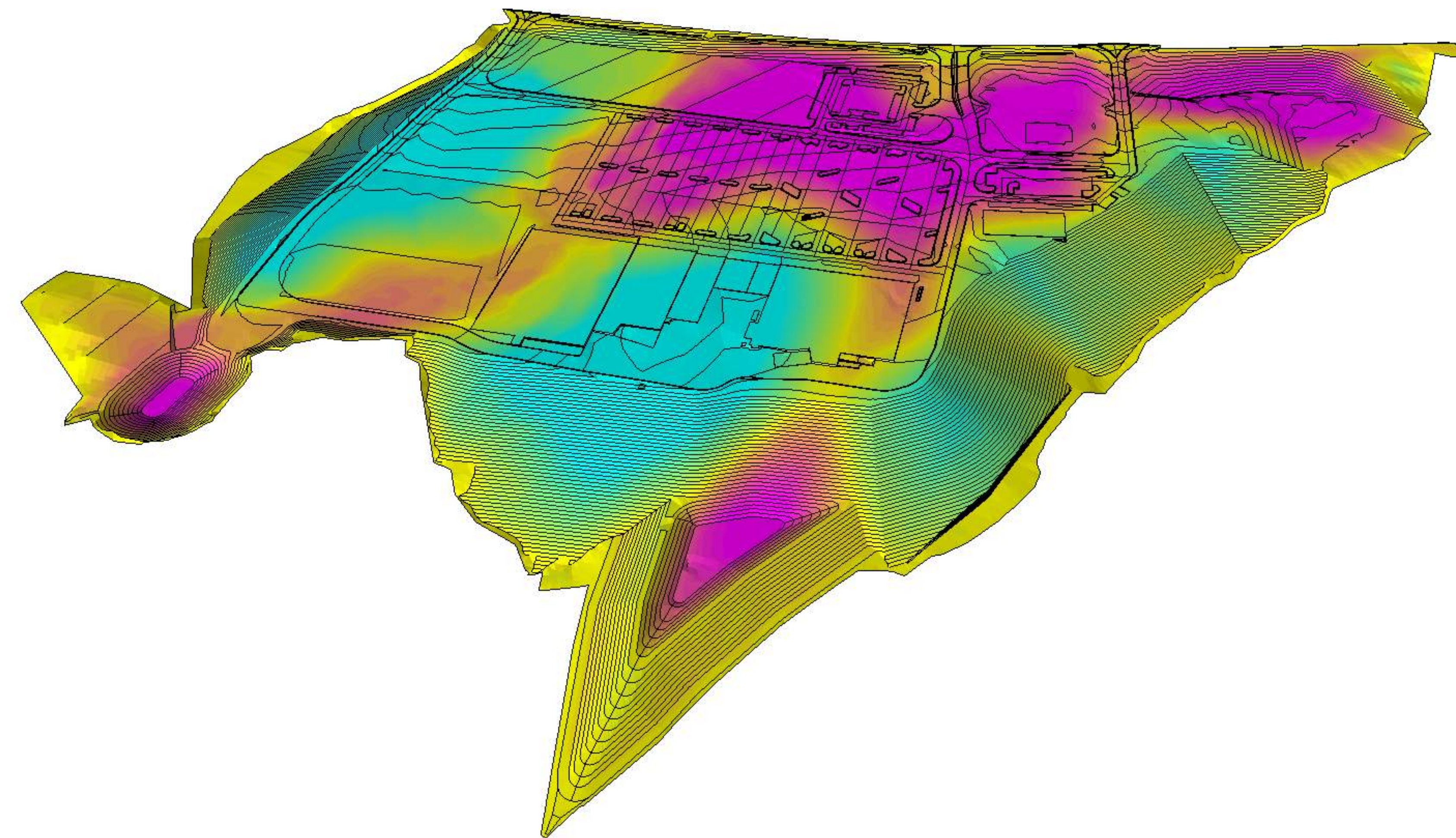
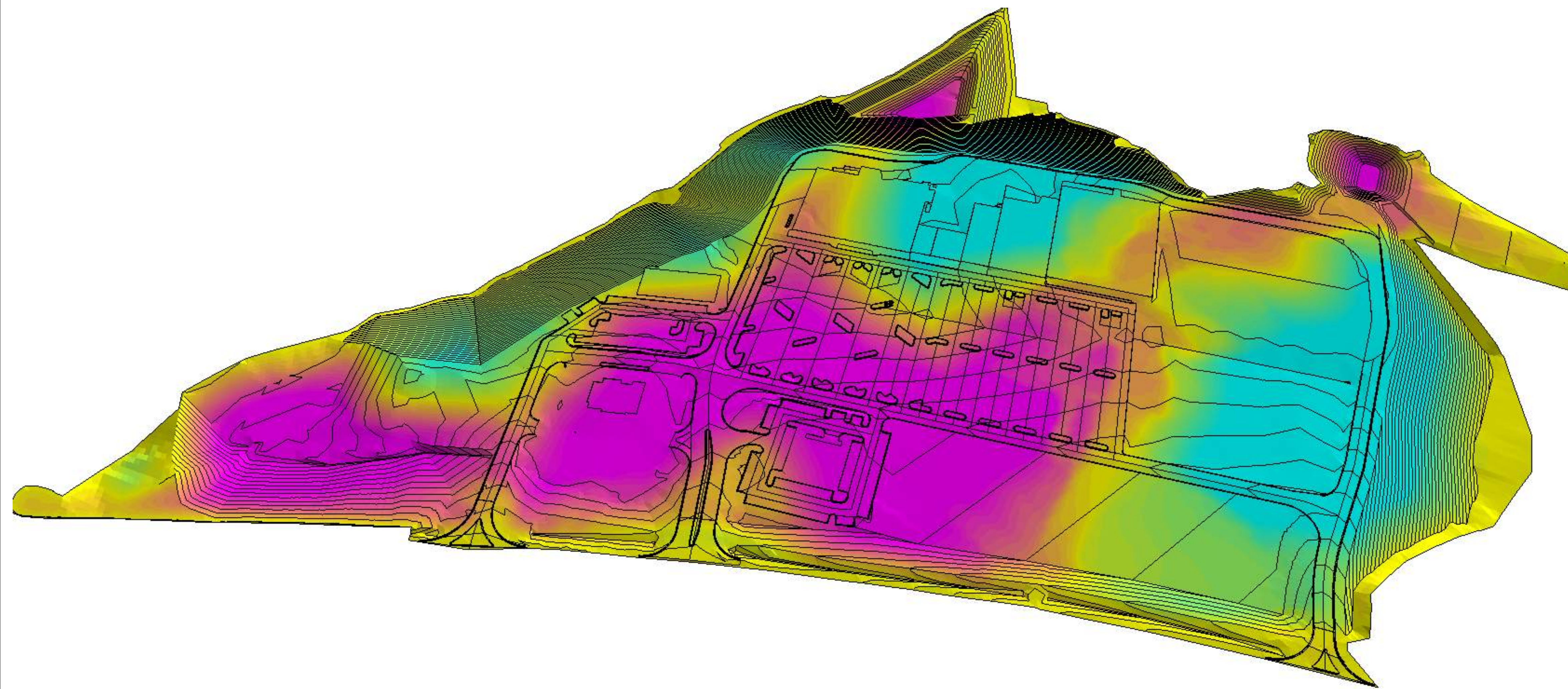


COLD SPRING POINTE DEVELOPMENT PLAN

Cold Spring Pointe Plan View

11/10/2023





Cold Spring Pointe 3D View



11/10/2023



# Untitled Map

Write a description for your map.

## Legend

-  Rocky View Dr
-  Untitled Placemark

Rocky View Dr

Untitled Placemark

Untitled Placemark

Untitled Placemark

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Google Earth

Image © 2023 Maxar Technologies



1000 ft