

LaPorte Pit Quarterly Briefing



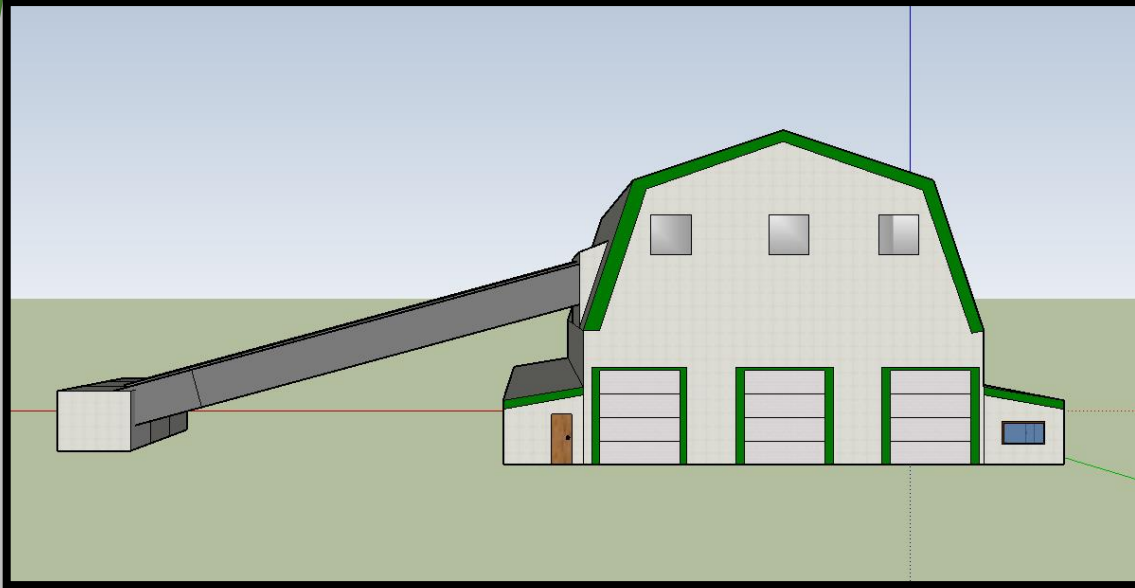
Loveland Ready Mix Concrete Inc.

October 22nd 2019

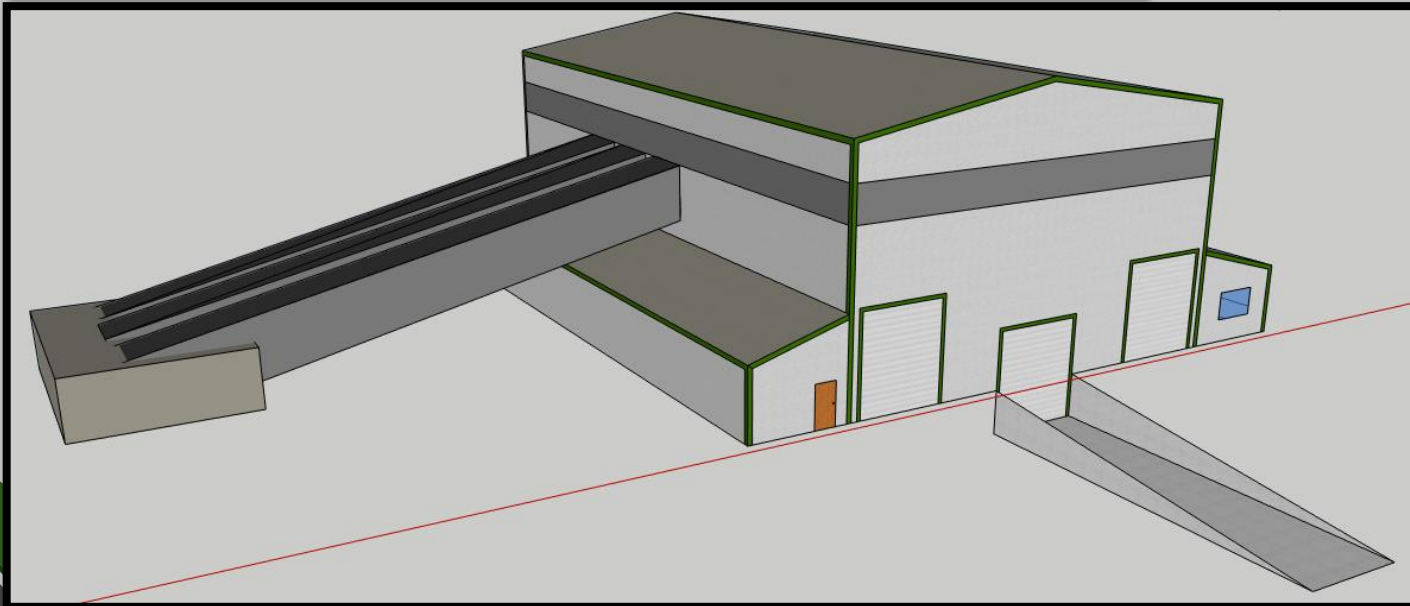
Current Progress

- Site Plan Submittals to Larimer County
 - Site plan was submitted to the county on April 15th and is still being reviewed.
- Building Permit for Main Access Bridge
 - We were granted the building permits for the main access and secondary access bridges on August 23rd.
 - Prep for installation began shortly thereafter.
 - The main access bridge was installed the week of Sept 16th
 - Installation of the secondary bridge has yet to be started.

Batch Plant Building Change



Old Design



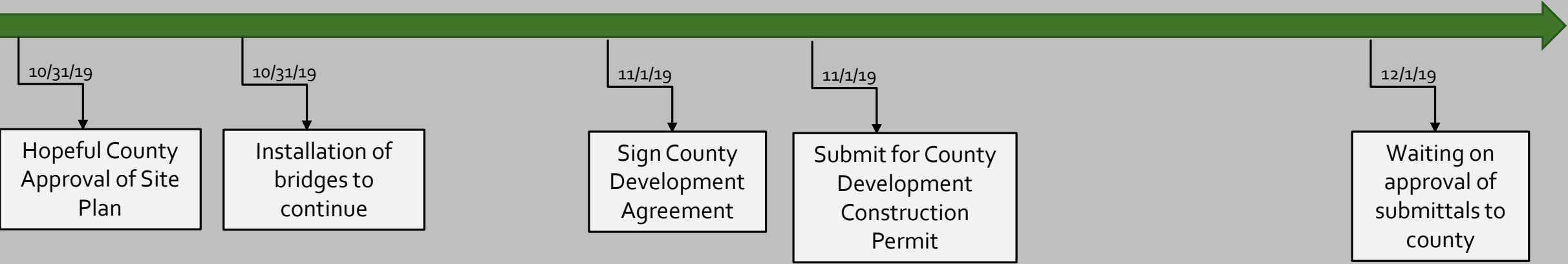
New Design

October – December 2019 Timeline

October 2019

November 2019

December 2019





Breakdown of Submittals to County

1. Site Plan

- County reviews the project in its entirety with detailed drawings and modeling done by engineers.

2. Development Agreement

- Legal contract between Larimer County and Loveland Ready Mix detailing the obligations of either party relating to the property.

3. Development Construction Permit

- Required by engineering department to ensure the construction of the project is done according to the approved and submitted plans. Requires more detailed drawings to be submitted and approved.

4. Building Permits

- For batch plant building and cold storage buildings. Permit for Main Access bridge was applied for mid May.

Unanswered Question from last meeting	Answer
Landscape plan, specific question regarding berm height	Added plan to website for consideration. Berms are 6ft tall with spruce trees planted on top.
What will the mining operation protocol be during high ozone alert days?	LRM will consider not operating the mining equipment on high alert days if possible.
What is the CO ₂ emissions from the operation?	Total Annual CO ₂ Emissions = 1,312.6 tons from batch plant. Total Annual CO ₂ Emissions = 440.74 tons from gravel plant Total = 1753.34

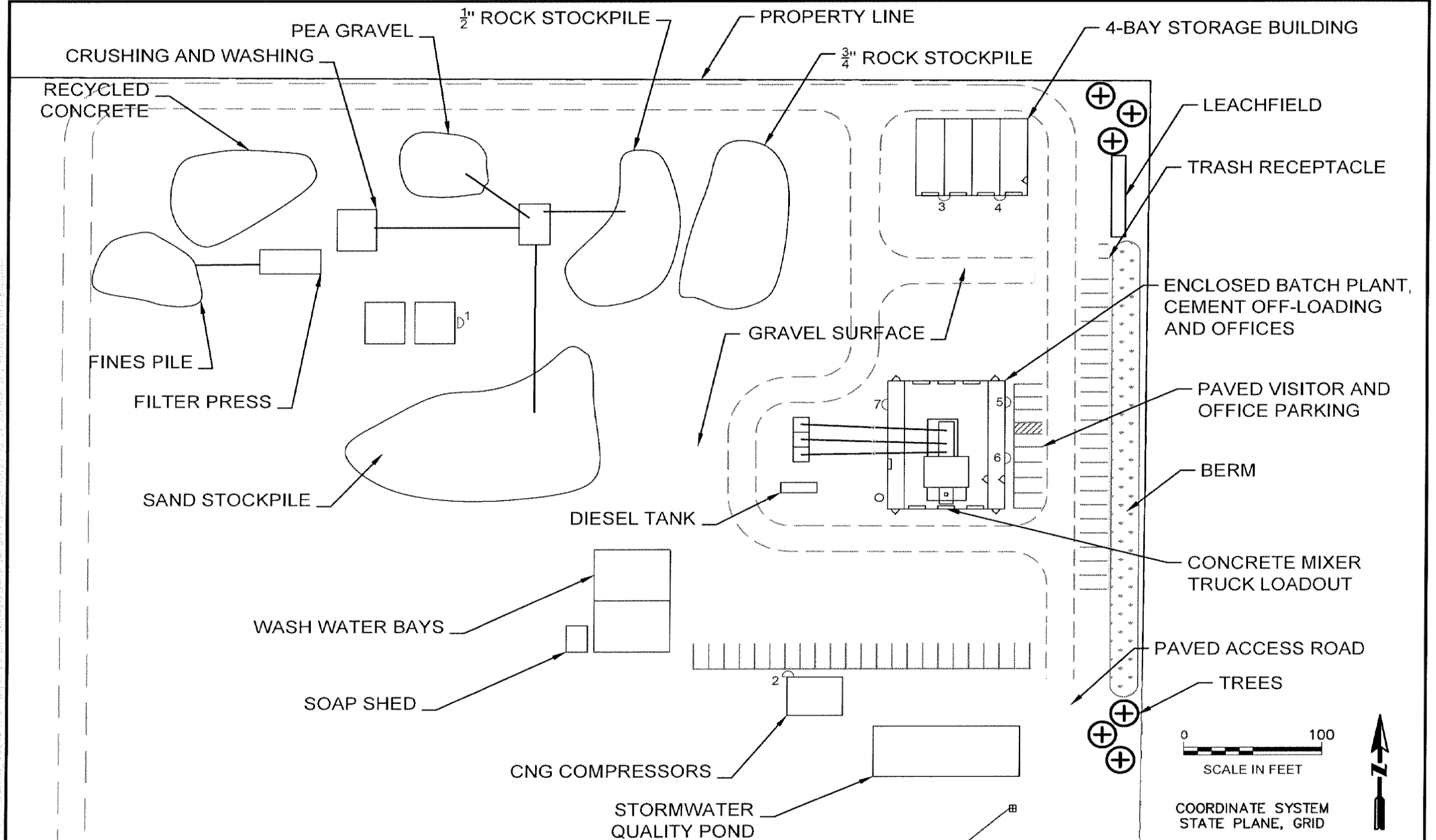
CO2 EMISSIONS FROM ACTUAL NATURAL GAS USAGE AT JRM IN 2018					CO2 EMISSIONS FROM ACTUAL ENERGY USAGE AT JRM IN 2018				
Date	mmbtu Nat Gas	therm	tons CO2		Date	kwhr electricity	tons CO2		
Jan-18	1833	18330	97.149		Jan-18	44,400	31.39		
Feb-18	1651	16510	87.503		Feb-18	55,200	39.03		
Mar-18	2474	24740	131.122		Mar-18	52,500	37.12		
Apr-18	2046	20460	108.438		Apr-18	56,400	39.87		
May-18	2015	20150	106.795		May-18	57,000	40.30		
Jun-18	2200	22000	116.6		Jun-18	52,800	37.33		
Jul-18	2102	21020	111.406		Jul-18	49,800	35.21		
Aug-18	2361	23610	125.133		Aug-18	54,300	38.39		
Sep-18	1962	19620	103.986		Sep-18	49,500	35.00		
Oct-18	2153	21530	114.109		Oct-18	47,100	33.30		
Nov-18	2059	20590	109.127		Nov-18	53,700	37.97		
Dec-18	1910	19100	101.23		Dec-18	50,700	35.84		
			1312.60				440.74		
					Total Annual CO2 Emissions		1,753.34	tons	
					* conversion factors from US EPA				



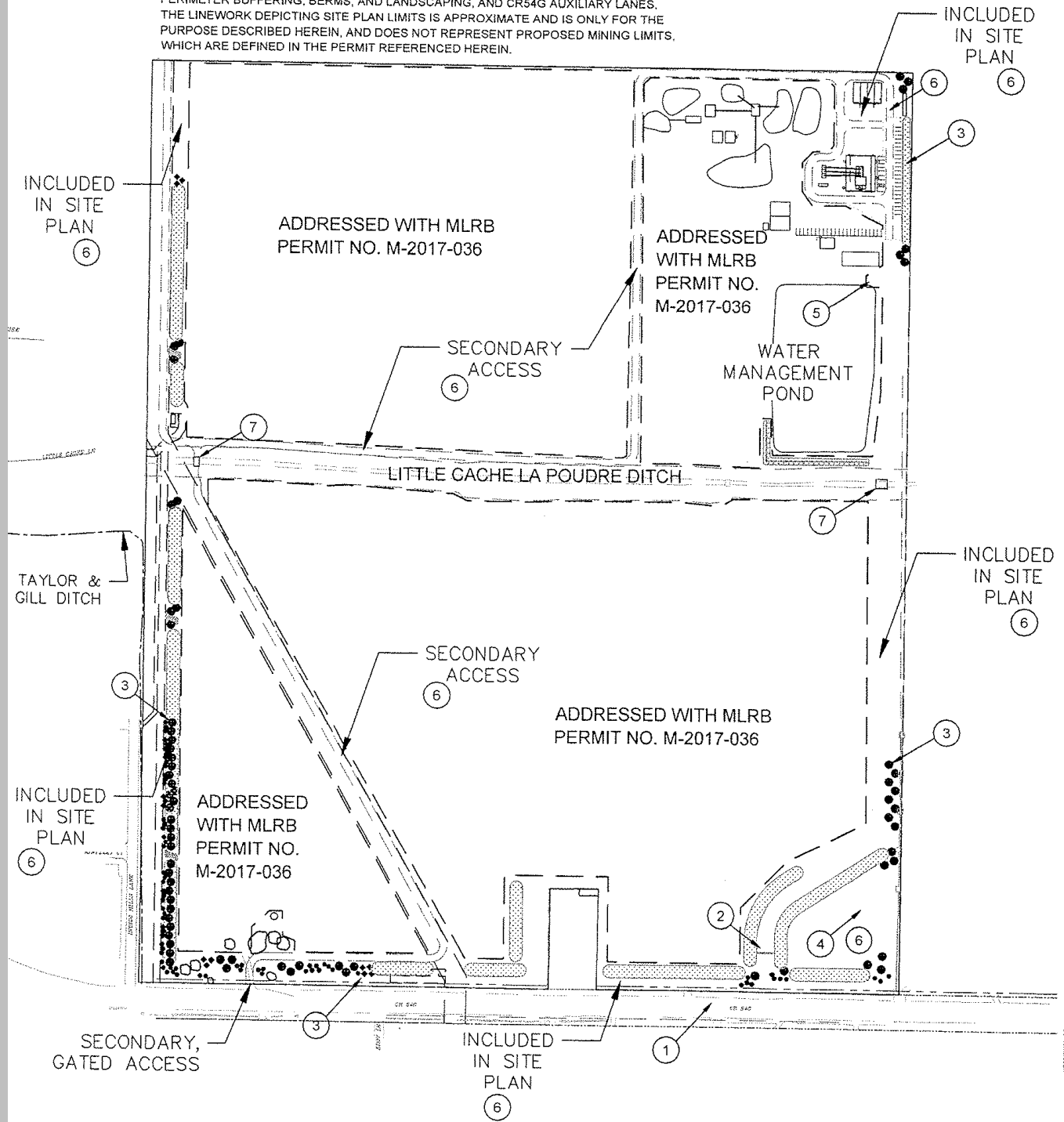
Questions or Comments?

Next Briefing: January 2020

New Questions	New Questions



PERIMETER BUFFERING, BERMS, AND LANDSCAPING, AND CR54G AUXILIARY LANES. THE LINEWORK DEPICTING SITE PLAN LIMITS IS APPROXIMATE AND IS ONLY FOR THE PURPOSE DESCRIBED HEREIN, AND DOES NOT REPRESENT PROPOSED MINING LIMITS, WHICH ARE DEFINED IN THE PERMIT REFERENCED HEREIN.





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540

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