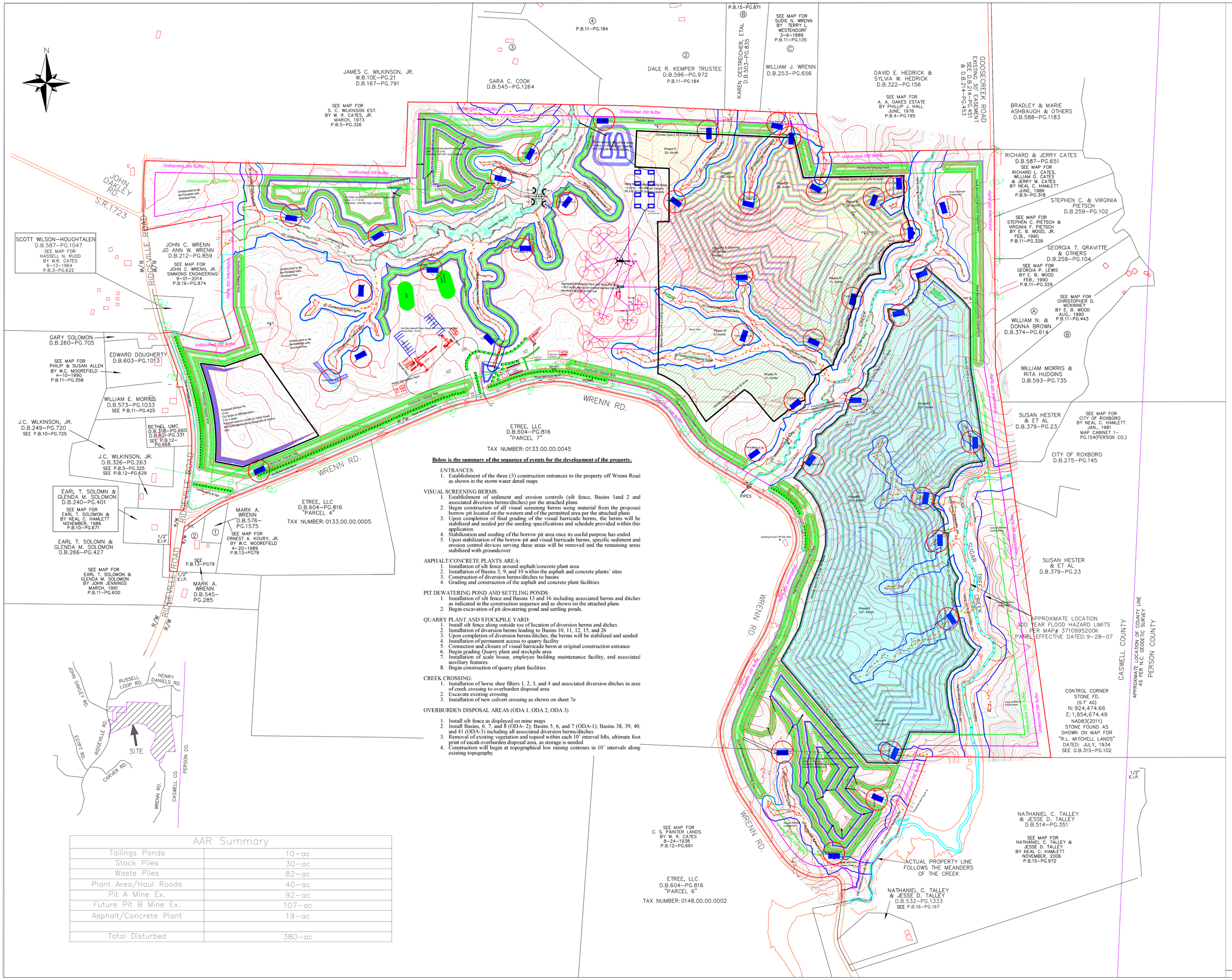

Below is the summary of the sequence of events for the development of the property.

ENTRANCES:

1. Establishment of the three (3) construction entrances to the property off Wrenn Road as shown in the storm water detail maps

VISUAL SCREENING BERMS:

1. Establishment of sediment and erosion controls (silt fence, Basins 1and 2 and associated diversion berms/ditches) per the attached plans
2. Begin construction of all visual screening berms using material from the proposed borrow pit located on the western end of the permitted area per the attached plans
3. Upon completion of final grading of the visual barricade berms, the berms will be stabilized and seeded per the seeding specifications and schedule provided within this application
4. Stabilization and seeding of the borrow pit area once its useful purpose has ended
5. Upon stabilization of the borrow pit and visual barricade berms, specific sediment and erosion control devices serving these areas will be removed and the remaining areas stabilized with groundcover

ASPHALT/CONCRETE PLANTS AREA:

1. Installation of silt fence around asphalt/concrete plant area
2. Installation of Basins 3, 9, and 10 within the asphalt and concrete plants' sites
3. Construction of diversion berms/ditches to basins
4. Grading and construction of the asphalt and concrete plant facilities

PIT DEWATERING POND AND SETTLING PONDS:

1. Installation of silt fence and Basins 13 and 16 including associated berms and ditches as indicated in the construction sequence and as shown on the attached plans
2. Begin excavation of pit dewatering pond and settling ponds.

QUARRY PLANT AND STOCKPILE YARD:

1. Install silt fence along outside toe of location of diversion berms and diches
2. Installation of diversion berms leading to Basins 10, 11, 12, 15, and 26
3. Upon completion of diversion berms/ditches, the berms will be stabilized and seeded
4. Installation of permanent access to quarry facility
5. Connection and closure of visual barricade berm at original construction entrance
6. Begin grading Quarry plant and stockpile area
7. Installation of scale house, employee building maintenance facility, and associated auxiliary features.
8. Begin construction of quarry plant facilities

CREEK CROSSING:

1. Installation of horse shoe filters 1, 2, 3, and 4 and associated diversion ditches in area of creek crossing to overburden disposal area
2. Excavate existing crossing
3. Installation of new culvert crossing as shown on sheet 7e

OVERBURDEN DISPOSAL AREAS (ODA 1, ODA 2, ODA 3)

1. Install silt fence as displayed on mine maps
2. Install Basins, 6, 7, and 8 (ODA- 2); Basins 5, 6, and 7 (ODA-1); Basins 38, 39, 40, and 41 (ODA-3) including all associated diversion berms/ditches
3. Removal of existing vegetation and topsoil within each 10' interval lifts, ultimate foot print of eacah overburden disposal area, as storage is needed
4. Construction will begin at topographical low raising contours in 10' intervals along existing topography

AAR Summary	
Tailings Ponds	10–ac
Stock Piles	30–ac
Waste Piles	82–ac
Plant Area/Haul Roads	40–ac
Pit A Mine Ex.	92–ac
Future Pit B Mine Ex.	107–ac
Asphalt/Concrete Plant	19–ac
Total Disturbed	380–ac

General Notes

- Property Line
- 100' Undisturbed Buffer
- 100' Disturbed Buffer No Excavation
- 100' Perennial Undisturbed Stream Buffer
- 50' intermittent Stream and Wetland Undisturbed Buffer
- Stream
- 100 Year Flood Plain
- Open Pit Crest
- Open Pit Mid–Bench
- Open Pit Bench Toe
- 2' Contour Interval
- 10' Contour Interval
- Planned Sed. Basin See Supplied Detail Drawling's from Timmions Group

Adjoining Property
John B. Drumwright Estate
25.91 ac.
Record # 379

- Non–owned Structure
- Adjoining Property Boundary
- Power Pole
- ~ Silt Fence Location Silt fence to be adjusted as need

- Initial Pit Opening Phase I
- Phase II
- Phase III
- Phase IV

Phase IV includes mining through streams and wetlands in Pit A and Pit B after 401–404 approvals have been issued along with mine permit modification

No.	Revision/Issue	Date

Firm Name and Address

SUNROCK
CAROLINA SUNROCK LLC

200 HORIZON DRIVE, SUITE 100
RALEIGH, NC 27615

Project Name and Address

Prospect Hill Quarry
& Distribution Center

Initial Mine Map

Drawn By: S Martino

Project

Date 07–29–2019

Scale 1" = 250'

Sheet 5