

LUCK STONE CORPORATION

RICHMOND, VIRGINIA

Title:

Web Map

Date: 3/21/2024	Photo / Topo Date: UAV / ESRI
Scale: 1" =	Drawn By: Patrick Hess

While every effort has been made to ensure the accuracy, correctness and timeliness of materials presented, the areas depicted by these maps, photos, and data are approximate, and are not necessarily accurate to surveying or engineering standards.



2016 AYRSLEY TOWN BLVD
SUITE 2-A
CHARLOTTE, NC 28273
(704) 523-4726
ENGINEERING FIRM
LICENSE NUMBER: E-0176

LUCK STONE



LEGEND

EXISTING FEATURES

- SURVEY / LIDAR BOUNDARY
- EXISTING GRADE CONTOUR (5 FEET) (REF. 1)
- EXISTING GRADE CONTOUR (25 FEET) (REF. 1)
- COUNTY BOUNDARY LINE (REF. 2)
- PROPERTY LINE (REF. 2)
- PERMIT BOUNDARY
- STREAMS (NOTE 1)
- NATIONAL HYDROGRAPHY DATASET (NHD) STREAM CENTERLINES (REF. 3)
- NATURAL GAS LINE
- NATURAL GAS EASEMENT
- WETLANDS (NOTE 1)
- BUFFERS (50-FT. MIN.)
- VEGETATIVE FILTER
- FEMA 100-YEAR FLOODPLAIN (REF. 4)
- BLASTING LIMIT (NOTE 2)
- 500-FT. SIDE AND REAR YARD SETBACK (NOTE 3)
- SOUTH CAROLINA DEPT. OF NATURAL RESOURCES (SCDNR) MANAGED LAND

PROPOSED FEATURES

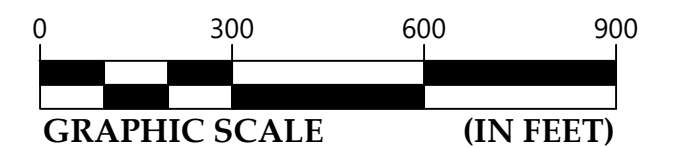
- SEDIMENT BASIN - PHASE 1
- PRELIMINARY LOCATION OF OUTFALL AND PLUNGE POOL
- ACCESS/HAUL ROAD
- STORMWATER CHANNEL
- POTENTIAL TRAIL
- FENCE
- BERM/OVERBURDEN STORAGE
- PIT AREA - PHASE 1
- PIT AREA - PHASE 2
- PLANT AREA - PHASE 1
- PLANT AREA - PHASE 2

GENERAL NOTES:

1. S&ME DELINEATED ON-SITE WATER FEATURES IN JANUARY & NOVEMBER 2023.
2. PER SECTION 24-89 OF THE EDGEFIELD COUNTY CODE OF ORDINANCES, 300-FT. SETBACK REQUIRED FROM ANY RESIDENTIAL PROPERTY LINE FOR MINING OPERATIONS.
3. PER SECTION 24-5 OF THE EDGEFIELD COUNTY CODE OF ORDINANCES, MINIMUM 500-FT. SIDE AND REAR YARD BUILDING SETBACK.
4. NO IMPACTS TO STREAMS/WETLANDS SHOWN IN PHASE 2 UNTIL PERMITS HAVE BEEN APPROVED BY THE USACOE.

REFERENCE:

1. 2013 TOPOGRAPHIC CONTOURS DERIVED FROM SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES (SCDNR) SPATIAL DATA DOWNLOAD TOOL. THIS DIGITAL ELEVATION MODEL (DEM) IN EDGEFIELD COUNTY, SOUTH CAROLINA WAS CONVERTED INTO 1-FOOT CONTOURS USING ESRI ARCGIS SPATIAL ANALYST.
2. TAX PARCEL DATA OBTAINED FROM THE EDGEFIELD COUNTY, SOUTH CAROLINA GEOGRAPHIC INFORMATION SYSTEMS (GIS) DEPARTMENTS.
3. HYDROLOGY DATA OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET (NHD).
4. FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) 100-YEAR FLOODPLAIN, FLOODWAY, AND BASE FLOOD ELEVATION (BFE) DATA OBTAINED FROM THE FEMA NATIONAL FLOOD HAZARD LAYER (NFHL) DATASET.
5. AERIAL ORTHOIMAGERY OBTAINED FROM SOUTH CAROLINA REVENUE AND FISCAL AFFAIRS.



SITE LAYOUT

LUCK EDGEFIELD - CONCEPTUAL PLAN
LUCK STONE CORPORATION
EDGEFIELD COUNTY, SOUTH CAROLINA

PROJECT NUMBER
22350640
DRAWING NUMBER

2 **8**

DRAWING PATH: T:\charlotte-1350\Projects\2023\22350640_Luck Co. Luck Stone Edgefield Mine Site_Winning\SCA_Energy\CADD\DWG\MINING_SWPPP\SITE DEVELOPMENT.dwg

