

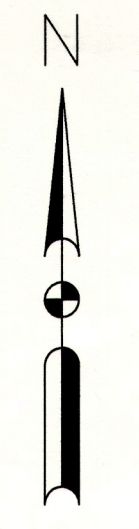
LEGEND

- FENCE LINE
- WATER COURSE
- TREE LINE
- SINGLE TREES
- LIMIT LINE / BOUNDARY
- PAVED ROAD W/O CURB
- UNPAVED ROAD
- WALL
- GUARD RAIL
- RAILROAD
- BUILDING
- HEADWALL/CULVERT
- CATCH BASIN
- DROP INLET
- MANHOLE
- POWER POLE
- LIGHT POLE
- STREET LAMP
- GUY WIRE
- TRANSFORMER
- SIGNS 1 & 2 POST
- HYDRANT
- UNKNOWN OBJECTS
- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- SPOT ELEVATION
- G.P.S. SURVEY MONUMENT
- STANDING WATER
- GROUND CONTROL

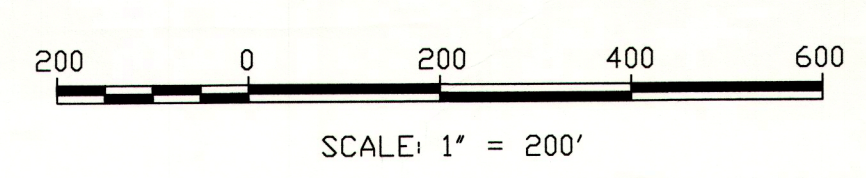
NOTES: 1) Accuracy Specifications
 a. Contours are nearly 90% percent of the elevations determined from the solid line contours of this topographic map has an accuracy with respect to true elevation of one-foot (1:20 contour interval) or better, and the remaining (10) percent of such elevations are not in error by more than one contour interval. In densely wooded areas where heavy brush or tree cover fully obscures the ground and the contours are shown as dashed lines, they have been plotted as accurately as possible from the stereoscopic notes, while making full use of spot elevations obtained during ground control surveys and all spot elevations measured photogrammetrically in places where the ground is visible.

2) This map was compiled by Blue Ridge Engineering, Inc. using photogrammetric methods. Contours portrayed as dashed or broken lines represent areas of dense woods and should be considered approximate. This map has not been field verified. Prior to use as a basis for design / construction, it should be field verified.

3) Buildings are shown roofline only.



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 LAND QUALITY MINING PROGRAM



COMPILED BY PHOTOGRAMMETRIC METHODS

WAKE STONE CORPORATION
 P.O. BOX 190
 KNIGHTDALE, NC 27545
 919-266-1100

Wake Stone Corporation
 Triangle Quarry
 Mining Permit No. 92-10
Site Plan Map
 Permit Renewal - February 2011
 (Revised 02/26/2018 to Clarify Buffers)
 February 26, 2018

DATE OF PHOTOGRAPHY: 02-05-99 REVISION NO:
 JOB NO: T-01-49019-22 SHEET NO: Sheet 1

Affected Areas as of 02/04/2011

Land Use Classes	Acreage of Affected Area
Currently Active Pit Area	90.25 Acres +/-
Plant/Stockpiles/Office Areas	57.0 Acres +/-
Vegetated Earthen Berms	17.2 Acres +/-
Total Affected Area	164.45 Acres
Permitted Acreage	223.0 Acres +/-

Vegetation Stabilization Plan

-Vegetative stabilization of disturbed areas is completed in as timely a manner as possible an development of project mining processes. Staked seedling and mulch material is utilized when possible to insure maximum protection from erosion and sedimentation.

Soilbed Preparation

-4 to 6 inches of topsoil or rock-free materials first applied to areas of poor soil conditions.
 -Areas to be seeded are "walked" in with dozer to create a rough surface which better retains soil amendments and seed (see slope details). Checkable material such as rocks and roots are removed to provide a smooth and uniform soil foundation.

Application Rates for Lime, Fertilizer, Tack and Mulch

-Apply agricultural lime at 2 tons per acre according to soil test in formation.
 -Apply fertilizer (10-10-10 or 10-20-20) at 1000 pounds per acre or according to soil test information.
 -Apply seedling mixture to freshly prepared seedbed, and where possible lightly cover using seedling equipment or subsoiler.
 -Seedling mixture are applied with either leg spreader, tractor mounted cyclone spreader, or hydroseeding equipment.
 -Apply chopped small grain straw mulch (2000-3000 lbs./ac.) or a synthetic fiber mulch and tack with emulsified asphalt tack.

Seeding Schedule / Application Rates for Vegetative Stabilization

Seeding Materials	Spring / Summer Mix	Fall / Winter Mix
Ky 91 Tall Fescue	75 lbs./ac	100 lbs./ac
Kentucky 31	40 lbs./ac	-
Serenity Lycopodium	40 lbs./ac	-
Shannon Vines	10 lbs./ac	-
Blue Grass	-	50 lbs./ac
Clover	-	10-20 lbs./ac
Bahiagrass	40 lbs./ac	-

(Certain seedlings need to be used for spring / summer sowing, non-scarified seed will be used for fall / winter seeding to encourage germination of following years)

