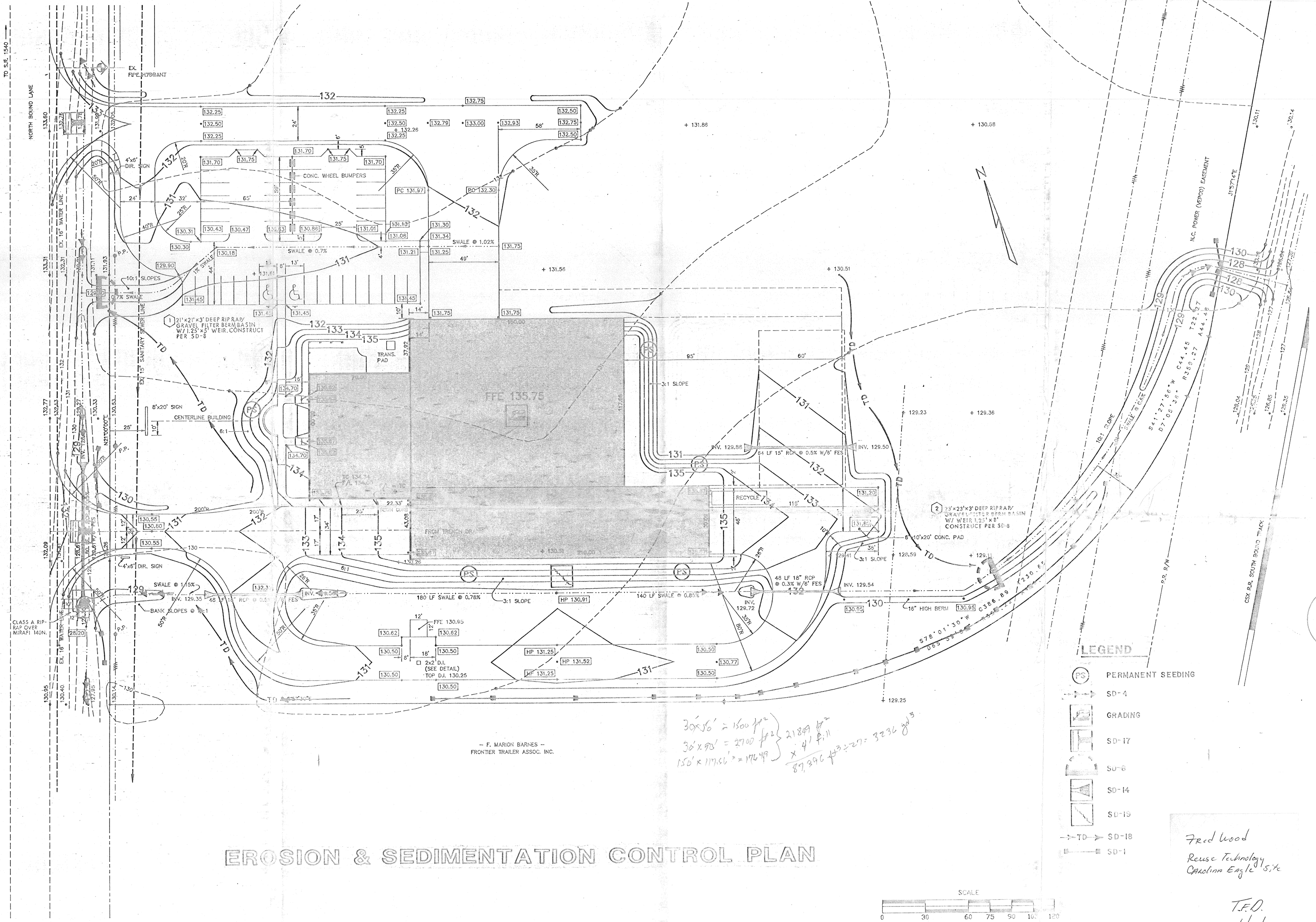
U.S. HIGHWAY 301 BY-PASS



— F. MARION BARNES —
FRONTIER TRAILER ASSOC. INC.

30'x50' = 1500 ft²
30'x90' = 2700 ft²
150'x117.56' = 17649
21849 ft²
x 4' fill
87,396 ft³ ÷ 27 = 3236 yd³

LEGEND

- PS — PERMANENT SEEDING
- SD-4
- GRADING
- SD-17
- SD-8
- SD-14
- SD-19
- TD — SD-18
- SD-1

SCALE
0 30 60 75 90 105 120

EROSION & SEDIMENTATION CONTROL PLAN

Fred Wood
Reuse Technology
Carolina Eagle Site

T.E.D.
1/21/92

SOLD WASTE
FEB 12 1992

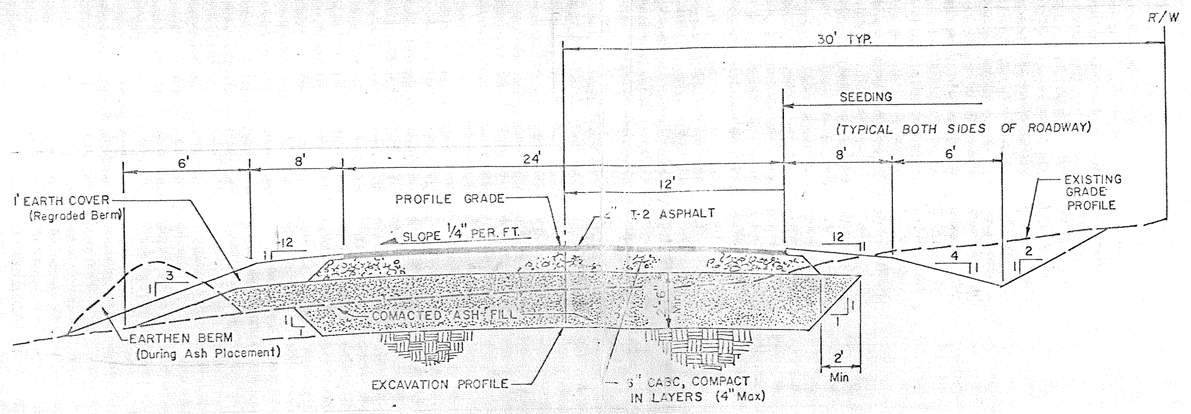
GRADING PLAN
CAROLINA EAGLE DISTRIBUTING INC.

SCALE 1" = 30'	
DATE JAN., 1992	DESIGN BJ
DRAWN BY TIM-CAD	CHKD

APPIAN
CONSULTING ENGINEERS, P.A.
CIVIL AND ENVIRONMENTAL ENGINEERS

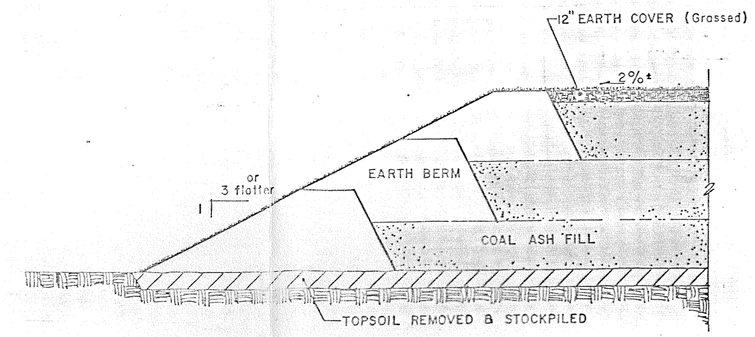
CE - 5

D-0230



TYPICAL ROAD SECTION

n.t.s.



ASH FILL SECTION

n.t.s.

ROADWAY NOTES

1. Strip all topsoil (if applicable), and stockpile as directed by the engineer or project manager.

2. Excavate for roadbed as limits indicate on drawings and stockpile as directed by ReUse Technology, Inc.

3. All organic and/or soft material shall be removed and the exposed subgrade compacted with a vibratory roller (10 ton minimum). Where heaving is observed overexcavation will be required at the direction of the engineer or project manager before the placement of ash fill.

4. Prior to placement of material on site, laboratory testing shall be performed on the fill material to determine the optimum moisture content and density using the standard proctor method.

5. Using a vibratory roller weighing a minimum of 10 tons (static load) or equal, compact new fill material in ± 9 inch layers to a minimum 95% of the maximum dry density at its optimum moisture content in accordance with the standard proctor method, ASTM standard D-698 and field controlled in accordance with ASTM standard D-2167, or equal.

6. Upon completion of the placement of all material, two INSITU CBR's are to be taken to assure that a minimum CBR of 18 has been achieved.

7. The final subgrade elevation shall be set 8" below the final elevation which allows for 6" of CABC and 2" of I-2 asphalt.

8. Sufficient drainage by ditching or other approved means shall be employed to protect the final subgrade from contamination and washout. Drainage is to be the first order of construction before filling.

GENERAL NOTES

1. Excavate and stockpile topsoil and adequate quantities of earth for cover material in progression with ash fill placement.

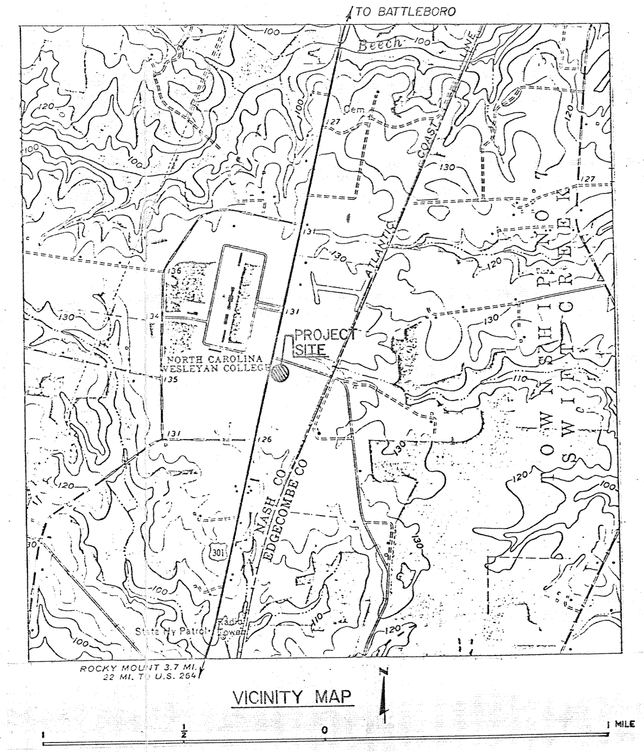
2. During dry and windy conditions adequate moisture will be applied to prevent dusting.

3. Ash shall be bladed in ± 9 inch layers and compacted with a smooth steel wheeled vibratory roller. (10 ton minimum) to a minimum 95% of the maximum dry density at its optimum moisture content per ASTM D-698. Field compaction test shall be taken for each 5000 cubic yards placed.

4. During construction the ash fill shall be graded (max. 5%) and a smooth surface maintained as to provide for sheet flow run-off [illegible]

5. Run-off from all disturbed areas shall be controlled and contained by measures in accordance with the erosion control plan.

6. All areas shall be covered with 12" compacted earth. Seeding shall be in accordance with schedule provided in the Erosion and Sedimentation Control narrative, Section C: Vegetative Ground Cover.



VICINITY MAP

RT Development Company
100 Chatham Center Boulevard • Suite 166
Kennesaw, Georgia 30144
Telephone (404) 425-7680
Fax (404) 425-7681

DATE	DESCRIPTION	DWN/APP.
11-22-91	FOR REVIEW	adw/RW

DATE

CAROLINA EAGLE DISTRIBUTING, INC.

Building Pad Fill

PROJECT NO.

SHEET NO.

of