

EMBEDDING DETAIL

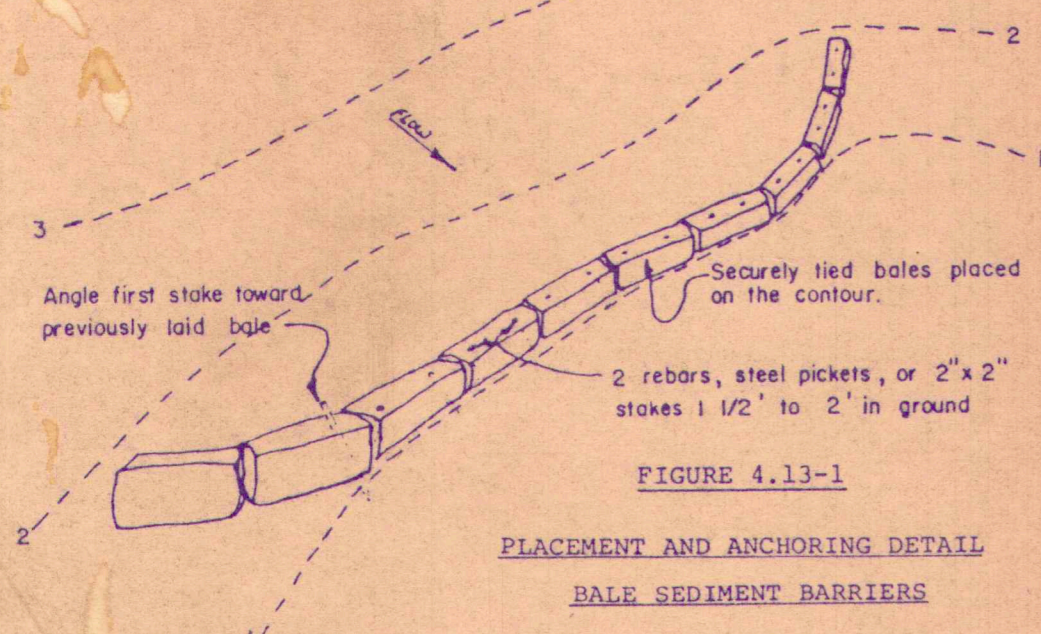
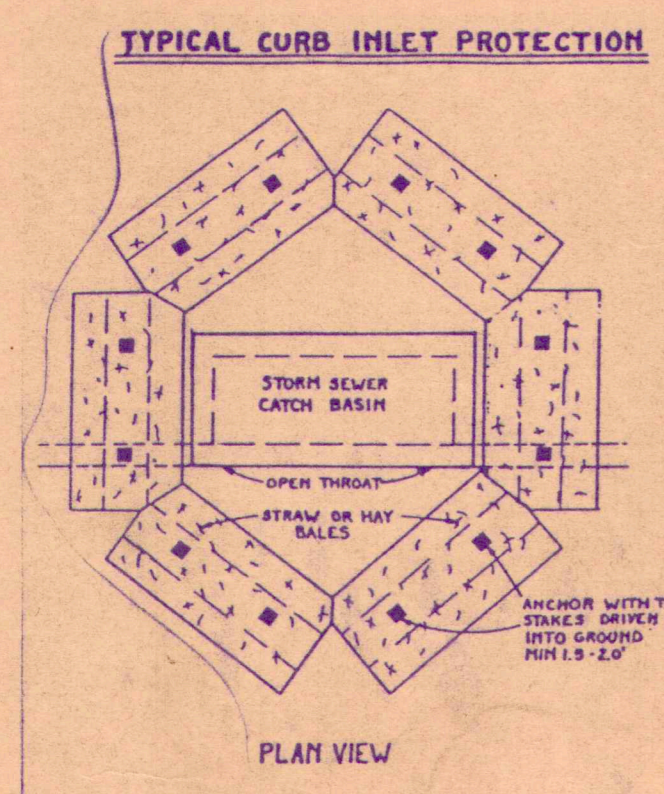
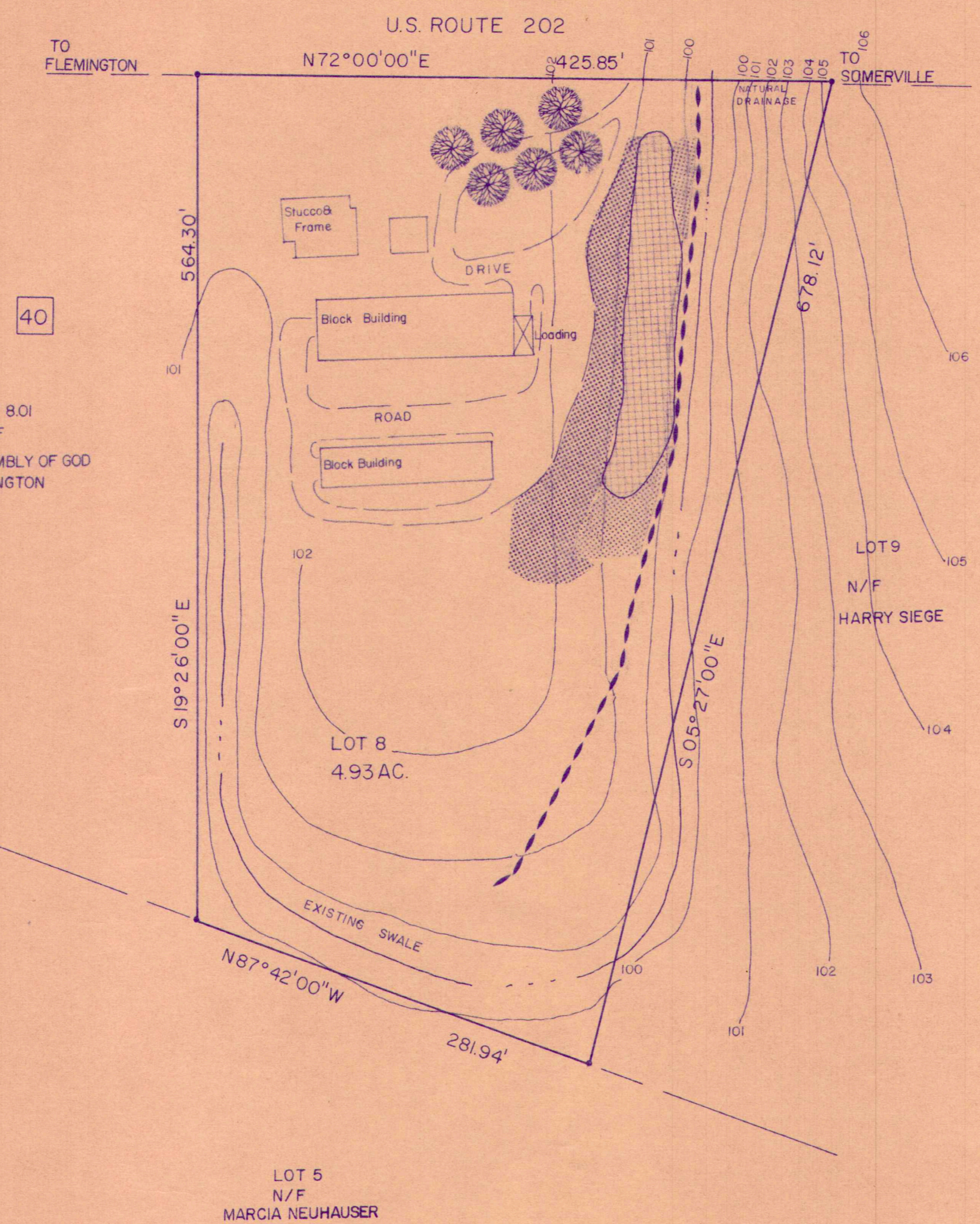


FIGURE 4.13-1
PLACEMENT AND ANCHORING DETAIL
BALE SEDIMENT BARRIERS



- PERMANENT SEEDING
FOR ALL DISTURBED AREAS
1. Seed, fertilize, and lime all scalped areas immediately after finished grading is completed. Lime and fertilizer recommendations are according to results of soil tests or as follows:
 - (a) Lime to be applied at the rate of 2 tons per acre (ground limestone).
 - (b) Fertilizer to be applied at the rate of 500 lbs. of 10-20-10 per acre.
 - (c) Seed is to be incorporated into the soil 1' - 4" by raking or dragging.
 - (d) Seedings will require an application of fertilizer such as 10-10-10 or equivalent to 400 lbs. per acre approximately 6 months after first application.
 - (e) Professional mixed seed mixtures are recommended rather than mixing yourself.
 - (f) If seedings are going to be done during off-season (mid-summer) increase mixtures by 50%.

SEEDING RATE & MIXTURE FOR GENERAL SEEDING - (Example-lawn)

Creeping Red Fescue - 25 lb/acre
 Cheiving's Red Fescue - 25 lb/acre
 Kentucky bluegrass - 25 lb/acre
 Perennial ryegrass - 15 lb/acre

SEEDING RATE & MIXTURE FOR HIGH TRAFFIC & CRITICAL AREAS
 (example - athletic fields, waterways, diversions, etc.)

This mixture may also be used for lawns. However it has a coarser texture than mixture above.

125 lbs. per acre of Athletic Field mixture or the equivalent containing approximately:

54% Kentucky 31 Fescue
 17% Kentucky Blue Grass
 20% Creeping Red Fescue
 5% Red Top
 3% Inert

For critical areas such as road and driveway cuts and fills on slopes not going to be mowed.

50 lbs. Kentucky 31 Fescue per acre
 10 lbs. Crown Vetch per acre

AGRONOMIC SPECIFICATIONS FOR CONSTRUCTION SITES

1. Disturb as little area as possible when excavating for any foundations and storing top soil.
2. Place top soil and excavation material from foundations on downhill side of lot whenever possible to trap runoff from scalped areas.
3. All disturbed areas that are not being graded, under active construction, or to be permanently seeded within 30 days must be stabilized by temporary seeding or mulching as per specifications below.
4. All exposed areas which are to be permanently vegetated will be seeded within 10 days of final grading. Complete permanent seeding as per specifications above.
5. Mulching is required on all seedings. Straw mulch or equivalent will be applied at the rate of 1 1/2 - 2 tons per acre (70 to 90 pounds per 1000 sq. ft.). The existence of vegetation sufficient to control soil erosion shall be deemed as compliance with this mulching requirement.
6. Mulch anchoring will be accomplished immediately after mulching to minimize loss by wind or water. This may be done by one of the methods (crimping, liquid mulch binders, nettings, etc.) in the "Standards for Soil Erosion and Sediment Control in New Jersey".

TEMPORARY SEEDING

Temporary seeding will be used on all disturbed areas where permanent stabilization will not be accomplished for a period up to 12 months.

Annual Ryegrass - 80 lbs. per acre
 Perennial Ryegrass - 60 lbs. per acre
 Sudax - 30 lbs. per acre (May 1st to Sept. 1st)
 Oats - 2 bu. per acre (spring before May 1st and Aug. 15th to Oct. 1st)
 Rye - 2 bu. per acre (Sept. 1st to Oct. 20th)
 Barley - 2 bu. per acre (Mar. 1st - May 15th and Aug. 15th to Oct. 1st)

Apply limestone and fertilizer to soil test recommendations or as follows:

Lime - 2 tons per acre
 Fertilizer - 500 lbs per acre 10-20-10 or equivalent

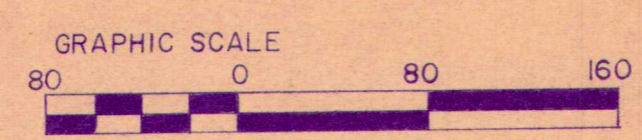
TEMPORARY STABILIZATION WITH MULCH ONLY

Straw mulch or equivalent spread uniformly at the rate of 2-3 tons per acre (total ground surface coverage). This practice is applicable in areas where the season or other conditions may not be suitable for establishing vegetative cover. Mulch only is to be used only for short periods and will require maintenance and renewal.

ASSUMED DATUM EL. 100.00

TAX MAP DATA: SHEET 9, BLOCK 40, LOT 8

- FILL DEPOSIT AREA
- FILLED AREA (SHALE/STONE)
- QUICK GROW RYE & MULCH HAY ADJACENT TO DISTURBED AREAS
- STAKED BALES



DATE	DESCRIPTION	INIT.

R. W. LEE
Assoc. Inc.
SURVEYORS
ENGINEERS
PLANNERS

SOIL EROSION/SEDIMENT CONTROL PLAN
for
AIR ECONOMY CORPORATION
in
Raritan Township
Hunterdon County, N.J.

26 MAY 1987
DATE

PREPARED BY
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27415
N.J. LIC. NO.

DRAWN VNC	TRACED d/c	CHECKED
SCALE 1"=80'	JOB NO. 7711	MAP NO. 8468-C