



Revisions
07/19/94 REVISIONS AS PER TOWN OF CARY
08/01/94 REVISIONS AS PER TOWN OF CARY
SEPT. 7, 1994 REVISIONS TO ALLOW FOR PHASED CONSTRUCTION

FINAL APPROVED PLANS

OWNER:
GOODWILL CORPORATION
104 8D SIMONS COURT
CARY, N.C. 27511

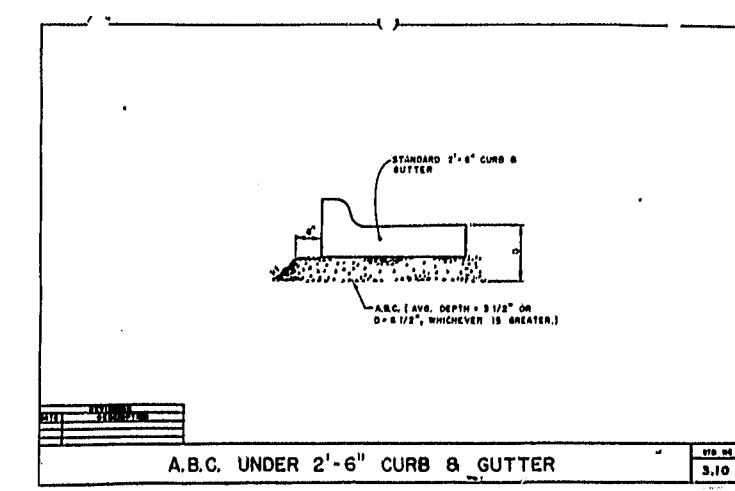
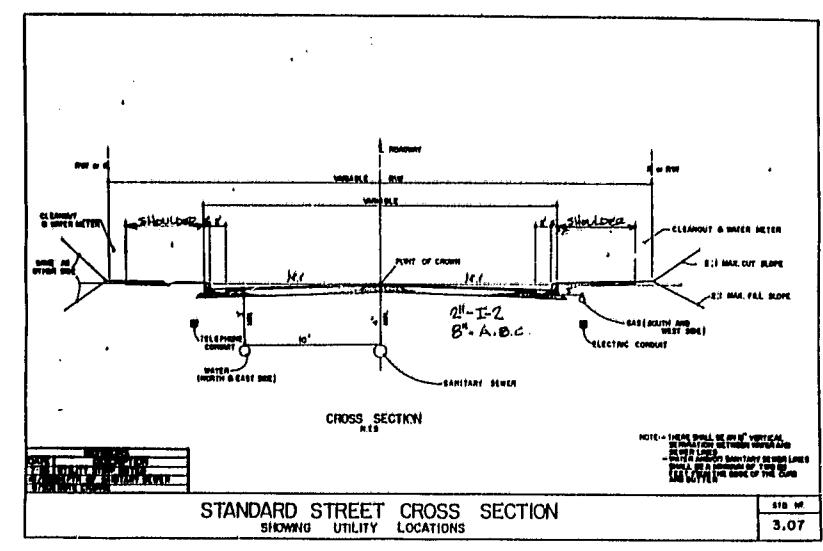
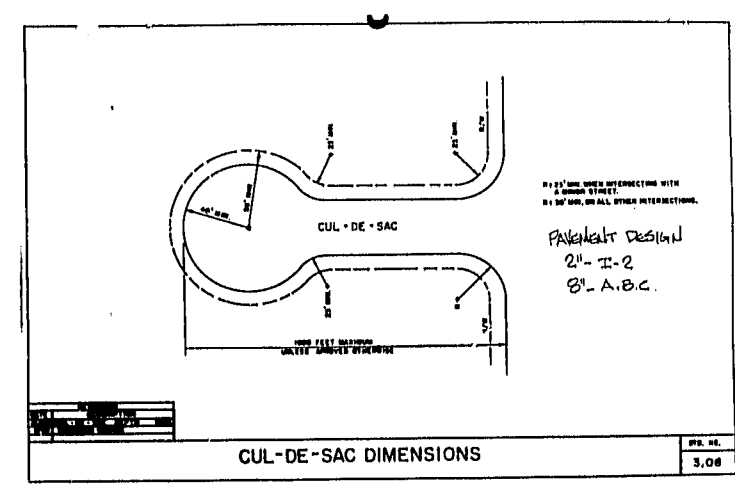
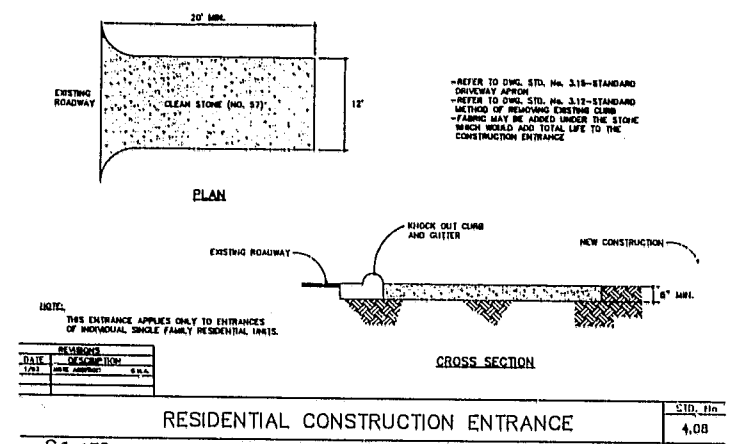
Project
BENEDUM PLACE

DETAILS

Date
JUNE 29, 1994

Scale

Sheet
8 OF 8



SEEDING SCHEDULE
(REVISED 1-1-86)

Shoulders, Side Ditches, Slopes (Max. 3:1)

DATE	TALL FESCUE	TYPE	Planting Rate
Aug 15-Nov 1	Tall Fescue		300 lbs./acre
Nov 1-Mar 1	Tall Fescue		300 lbs./acre
Mar 1-Apr 15	Tall Fescue	& Abruzzi Rye	25 lbs./acre
Apr 15-Jun 30	Hulled Common Bermudagrass		300 lbs./acre
Jun 1-Aug 15	Tall Fescue and ***Browntop Millet		25 lbs./acre
	***Sorghum-Sudan Hybrids		120 lbs./acre
			35 lbs./acre
			30 lbs./acre
			30 lbs./acre

Slopes (3:1 to 2:1)

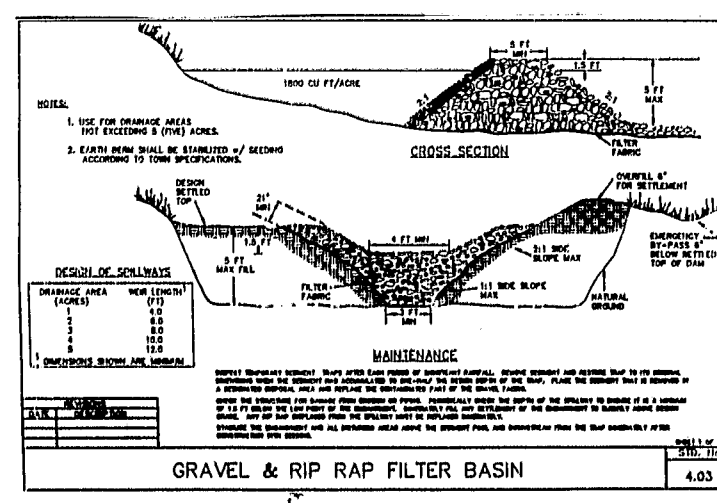
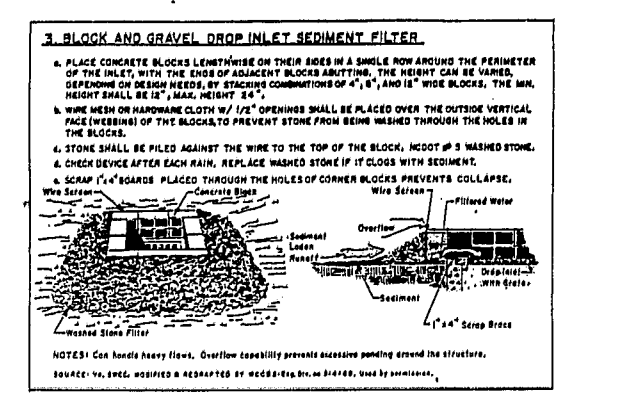
Mar 1-June 1	Sericea Leptodesea (scarified)		50 lbs./acre
(Mar 1-Apr 15)	Add Tall Fescue		120 lbs./acre
(Mar 1-Jun 30)	Or Add Weeping Lovegrass		10 lbs./acre
(Jun 1-Sep 1)	Or Add Hulled Common Bermudagrass		25 lbs./acre
	***Tall Fescue and ***Browntop Millet		120 lbs./acre
	***Sorghum-Sudan Hybrids		35 lbs./acre
	***Sericea Leptodesea (unhulled-uncarified)		30 lbs./acre
Sep 1-Mar 1	Add Tall Fescue		70 lbs./acre
Nov 1-Mar 1	Add Abruzzi Rye		120 lbs./acre
			25 lbs./acre

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

***Temporary - Reseed according to optimum season for desired permanent vegetation, do not allow temporary cover to grow over 12" in height before mowing, otherwise fescue may be shaded out.

- Seedbed Preparation**
- Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
 - Rip the entire area to 6 inches depth.
 - Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.
 - Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below).
 - Continue tillage until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.
 - Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.
 - Mulch immediately after seeding and anchor mulch.
 - Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stand should be over 50% damaged, reestablish following original line, fertilizer and seeding rates.
 - Consult Conservation Inspector on maintenance treatment and fertilization after permanent cover is established.

- Apply: Agricultural Limestone - 2 tons/acre (3 tons/acre in clay soils)
- Fertilizer - 1,000 lbs./acre - 10-10-10
- Superphosphate - 500 lbs./acre - 20% analysis
- Mulch - 2 tons/acre - small grain straw
- her - Alpha¹ Emulsion @ 30% gals./acre



- Construction Sequence**
- Obtain grading permit;
 - Install all erosion control measures as shown;
 - Obtain certificate of compliance through on-site inspection by Town Environmental Inspector;
 - Install storm drainage and all associated erosion control measures not already in place;
 - Proceed with grading;
 - Clean sediment basins when half full;
 - Seed and mulch denuded areas within thirty (30) working days following completion of any phase of grading, permanent ground cover for all disturbed areas within thirty (30) working days or one hundred twenty (120) calendar days (whichever is shorter) following completion construction or development;
 - Maintain soil erosion control measures until permanent ground cover is established;
 - Request final approval by Town Environmental Inspector;
 - Remove soil erosion control measures and stabilize these areas.

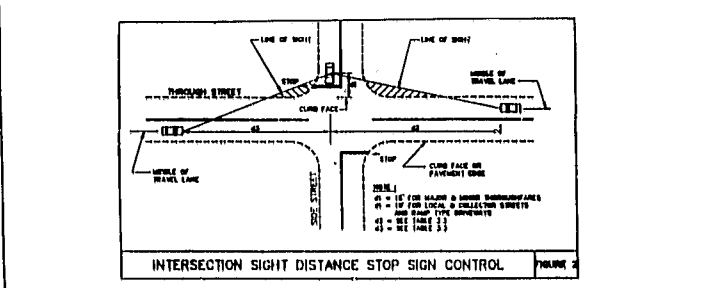
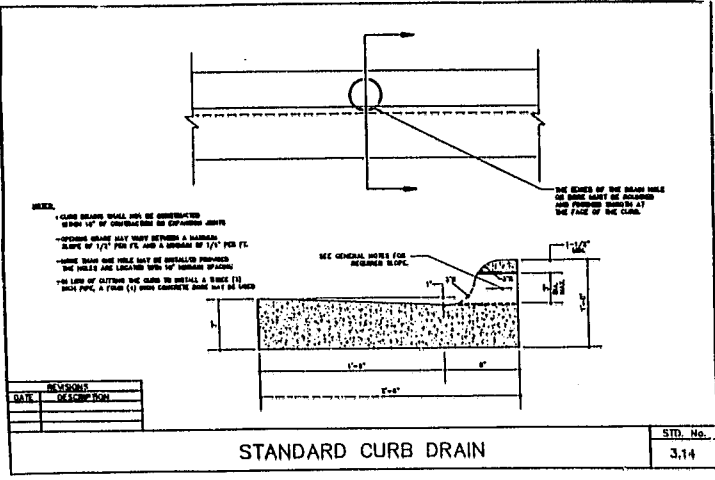
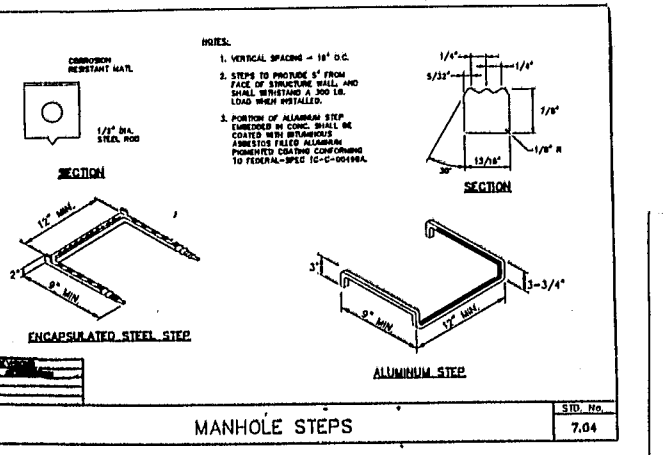
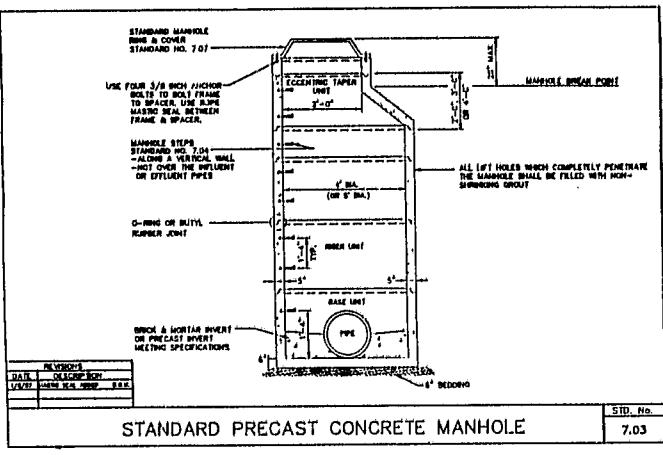
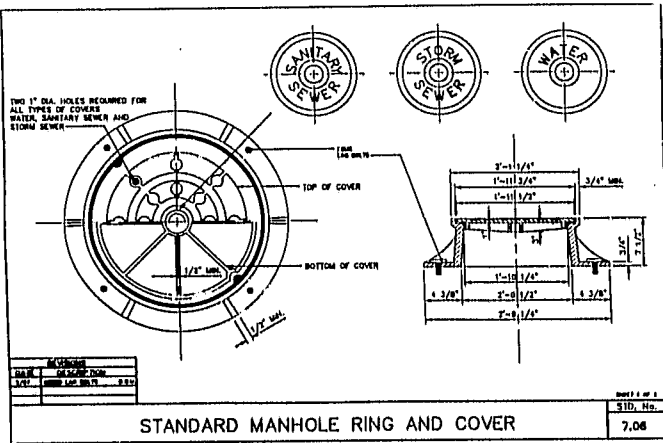


TABLE 3.3
Minimum Stopping Sight Distance
For Level Conditions

Design Speed (MPH)	Stopping Sight Distance
10	45 fswc
15	75 fswc
20	115 fswc
25	150 fswc
30	200 fswc
35	250 fswc
40	325 fswc
45	400 fswc
50	475 fswc
55	550 fswc
60	630 fswc

