

**SEEDING SCHEDULE**  
Shoulders, Side Ditches, Slopes (Max. 2:1)

Date	Type	Planting Rate
Apr. 15-Mar. 1	Silt Fence	100 lbs./acre
Apr. 1-Mar. 1	Silt Fence	100 lbs./acre
Apr. 15-Mar. 1	4 Abruzzi Eye	25 lbs./acre
Apr. 15-Mar. 1	Silt Fence	100 lbs./acre
Apr. 15-Mar. 1	4 Common Bermuda Grass	12 lbs./acre
Apr. 15-Mar. 1	Silt Fence	100 lbs./acre
Apr. 15-Mar. 1	4 Bromus willisii	25 lbs./acre
Apr. 15-Mar. 1	4 Sorghum Sudan Hybrid	25 lbs./acre
Slopes (2:1 to 3:1)		
Mar. 1-Jun. 1	Seaside Lemnaceae (Established)	50 lbs./acre
Apr. 1-Mar. 1	4 Abruzzi Eye	25 lbs./acre
Apr. 1-Mar. 1	4 Common Bermuda Grass	12 lbs./acre
Apr. 1-Mar. 1	Silt Fence	100 lbs./acre
Apr. 1-Mar. 1	4 Bromus willisii	25 lbs./acre
Apr. 1-Mar. 1	4 Sorghum Sudan Hybrid	25 lbs./acre
Apr. 1-Mar. 1	4 Lymnium-unclassified	25 lbs./acre
Apr. 1-Mar. 1	Silt Fence	100 lbs./acre
Apr. 1-Mar. 1	4 Abruzzi Eye	25 lbs./acre

- SEEDING PREPARATION**
1. Chisel compacted areas and spread topsoil 2 inches deep over adverse soil conditions, if available.
  2. Rip the entire area to 6 inches depth.
  3. Remove all loose rocks, roots, and other obstructions leaving surface reasonably smooth and uniform.
  4. Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below).
  5. Continue tillage until a well-subsoiled, firm, reasonably uniform surface is prepared 4 to 6 inches deep.
  6. Seed on a freshly prepared surface and cover seed lightly with leveling equipment or cultipack after seeding.
  7. Muck immediately after seeding and anchor muck.
  8. Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stands should be over 80% damaged, reseed after following original time, fertilizer and seeding rates.
  9. Consult Conservation Inspector on maintenance treatment and fertilization after permanent cover is established.
- \*Apply: Agricultural Lime = 2 tons/acre  
Fertilizer = 12-12-20 analysis at 600 - 1,000 lbs./acre  
Superphosphate = 500 lbs./acre of 20% analysis Superphosphate  
Muck = 2 tons (approx. 80 bales) Small Grate Screen/acre  
Anchor - 2 tons with 1/2 inch diameter at 100 gallons/acre or  
Equivalent Asphalt at 500 gallons/acre

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of eroding areas. The above vegetation rates are those which do not meet local conditions, other seeding rate combinations are possible.

\*\*\* Temporary - Seeded according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing, otherwise, fence may be damaged.

**STORMWATER COLLECTION SYSTEM**  
---Summary of Pipes---

FROM	DIAMETER	LENGTH	DISCHARGE	GRADE	INVERT ELEVATION	REFERENCE
STATION	(Feet)	(Feet)	(CFS)	(Feet)	(Feet)	(Feet)
1	18	100	0.5	1.0	240.0	240.0
2	18	100	0.5	1.0	240.0	240.0
3	18	100	0.5	1.0	240.0	240.0
4	18	100	0.5	1.0	240.0	240.0
5	18	100	0.5	1.0	240.0	240.0
6	18	100	0.5	1.0	240.0	240.0
7	18	100	0.5	1.0	240.0	240.0
8	18	100	0.5	1.0	240.0	240.0
9	18	100	0.5	1.0	240.0	240.0
10	18	100	0.5	1.0	240.0	240.0
11	18	100	0.5	1.0	240.0	240.0
12	18	100	0.5	1.0	240.0	240.0
13	18	100	0.5	1.0	240.0	240.0
14	18	100	0.5	1.0	240.0	240.0
15	18	100	0.5	1.0	240.0	240.0

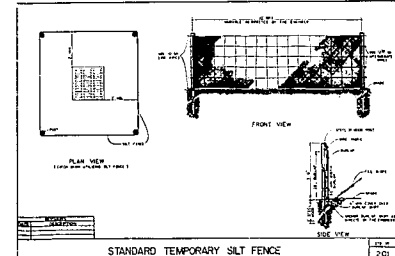
**STORMWATER COLLECTION SYSTEM**  
---Summary of Structures---

STRUCTURE IDENTIFIER	TYPE	REFERENCE STATION	REFERENCE ELEVATION
1	18" Dia	240.0	240.0
2	18" Dia	240.0	240.0
3	18" Dia	240.0	240.0
4	18" Dia	240.0	240.0
5	18" Dia	240.0	240.0
6	18" Dia	240.0	240.0
7	18" Dia	240.0	240.0
8	18" Dia	240.0	240.0
9	18" Dia	240.0	240.0
10	18" Dia	240.0	240.0
11	18" Dia	240.0	240.0
12	18" Dia	240.0	240.0
13	18" Dia	240.0	240.0
14	18" Dia	240.0	240.0
15	18" Dia	240.0	240.0

**TEMPORARY SEDIMENT BASIN AND OUTLET PROTECTION DIMENSIONS**

Structure	Basin Area (sq ft)	Basin Length (ft)	Basin Width (ft)	Outlet Protection Length (ft)	Outlet Protection Width (ft)
1	0.6	2.0	3.0	10	10
6	4.0	10.0	10.0	10	10
10	0.6	2.0	3.0	10	10
11	0.6	2.0	3.0	10	10

Notes: 1. Temporary Sediment Basin shall be located on 10:1 slope. 2. All pipes shall be installed in accordance with the specifications of the North Carolina Department of Transportation, Standard Specifications for Highway Construction, Section 1000. 3. All pipes shall be installed in accordance with the specifications of the North Carolina Department of Transportation, Standard Specifications for Highway Construction, Section 1000. 4. All pipes shall be installed in accordance with the specifications of the North Carolina Department of Transportation, Standard Specifications for Highway Construction, Section 1000.



NOTE - ALL DRAINAGE STRUCTURES TO BE ENCLOSED BY SILT FENCE AS SHOWN ABOVE.

Financially Responsible Party  
PIZZAGALLI INVESTMENT  
7421 CARNIEL EXEC PARK  
CHARLOTTE, N.C. 28226  
tel. no. (704) 542-8886

NOTE - DENUCED AREA = 96 AC

**Wm. G. Daniel & Assoc.**  
Engineering Planning  
Landscape Architecture



Revisions  
18 JUNE 86 - 1st TOC REVIEW

Project  
**AERIAL CENTER EXECUTIVE PARK**  
GRADING, STORM DRAINAGE  
& EROSION CONTROL

Date  
6 JUNE 1986

Scale  
1" = 100'

Sheet