

REVISIONS
 1. 11 DEC 95
 2. 11 JAN 96
 3. 21 NOV 95

GEORGE FINCH, LANDSCAPE ARCHITECT, P.A. / LANDSCAPE ARCHITECTURE
 601 OBERLIN ROAD, SUITE 200
 RALEIGH, NORTH CAROLINA 27805
 919/833-1212

A PROJECT BY DAYS DEVELOPMENT AND CONSTRUCTION, INC.
ALS-CARY HOME FOR THE AGED
 N.C. HIGHWAY 54
 CARY, NORTH CAROLINA

DRAWN BY GMF
 CHECKED BY ABC
 PROJECT NO. 9528
 DATE 27 NOV, '95
 L-6
 SHEET OF

SEDIMENT AND EROSION CONTROL SUMMARY

The Owner plans to construct a 30,730 square foot home for the aged with associated drives and parking. The property is located on the north side of N.C. Highway 54 east of the intersection with Maynard Road. The tract slopes from a slight ridge running through the center of the site to the west and to the southeast.

Storm drainage will be collected by the proposed structures and pipes that will convey it a proposed storm drainage system to be constructed with the widening of N.C. Highway 54. All inlets will receive inlet protection as shown on the plans. Sediment basins are proposed south and east of the construction area where diversion swale will carry runoff for filtration. There are no conditions that warrant any special sequencing or experimental devices. The contractor shall follow the Construction Sequence provided on the drawings.

SEEDING FOR EROSION CONTROL

- 1) Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
- 2) Rip the entire area to a 6-inch depth.
- 3) Remove all loose rocks, roots, and other obstructions leaving surfaces reasonably smooth and uniform.
- 4) Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with soil (see below).
- 5) Continue tillage until a well pulverized, firm reasonably uniform seedbed is prepared 4-6 inches deep.
- 6) Seed on a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.
- 7) Mutch immediately after seeding and anchor mulch.
- 8) Inspect all seeded areas and make necessary repairs or residing within the planting season if possible. If grass stand should be over 60% damaged, reestablish following original lime, fertilizer, and seeding rates.
- 9) Consult Conservation Inspector on maintenance treatment and fertilization after permanent cover is established.

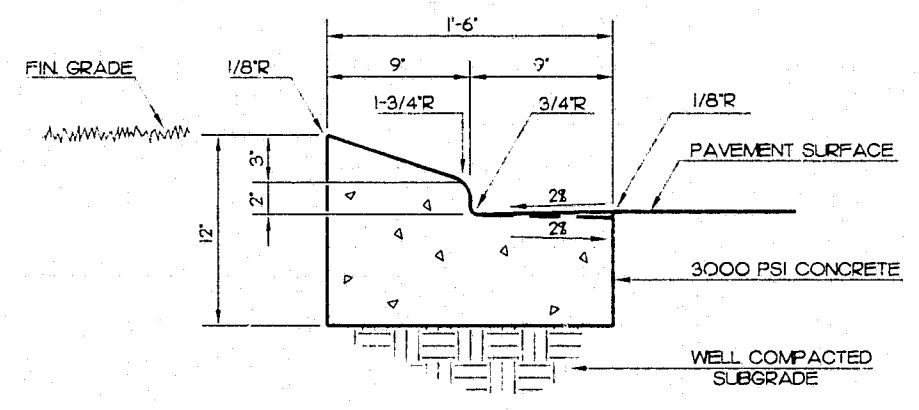
*Apply: Agricultural Limestone - 2 tons/acre (3 tons/acre in clay soils)
 Fertilizer - 10-10-10 analysis @ 1000 lbs/acre
 Superphosphate - 500 lbs/acre of 20% analysis superphosphate
 Mulch - 2 tons (approx. 80 bales) small grain straw/mulch
 Anchor - Tack with asphalt emulsion @ 300 gals/acre or erosion control matting

| Shoulders, Side Ditches, Slopes (Max. 3:1) | | |
|--|------------------------------------|--------------|
| DATE | TYPE | RATE |
| Aug 15 - Nov 1 | Fescue Mix* | 300 lbs/acre |
| Nov 1 - Mar 1 | Fescue Mix* and Winter Rye (grain) | 300 lbs/acre |
| Mar 1 - Apr 15 | Fescue Mix* | 25 lbs/acre |
| Apr 15 - Jul 15 | Hulled Common Bermudagrass | 300 lbs/acre |
| Jul 15 - Aug 15 | Fescue Mix* and Browntop Millet** | 25 lbs/acre |
| | or Sorghum-Sudan Hybrids** | 35 lbs/acre |
| | | 30 lbs/acre |

| Slopes (3:1 to 2:1) | | |
|---------------------|--|--------------|
| DATE | TYPE | RATE |
| Mar 1 - Jun 1 | Sericea Lespedeza (scarified) and | 50 lbs/acre |
| Mar 1 - Apr 15 | add Fescue Mix | 120 lbs/acre |
| Mar 1 - Jun 30 | or add Weeping Lovegrass | 10 lbs/acre |
| Mar 1 - Jun 30 | or add Hulled Common Bermuda | 25 lbs/acre |
| Jun 1 - Sep 1 | Tall Fescue** and Browntop Millet** | 120 lbs/acre |
| | or Sorghum-Sudan Hybrids** | 35 lbs/acre |
| | | 30 lbs/acre |
| Sep 1 - Mar 1 | Sericea Lespedeza (unhulled/unscarified) and Tall Fescue | 70 lbs/acre |
| | | 120 lbs/acre |
| Nov 1 - Mar 1 | add Winter Rye (grain) | 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 rates combinations are possible.

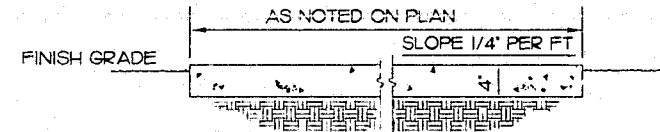
*Fescue Mix shall be 75% Kentucky-31 Fescue and 25% Rebel Fescue
 **Temporary Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing, otherwise fescue may be shaded out.



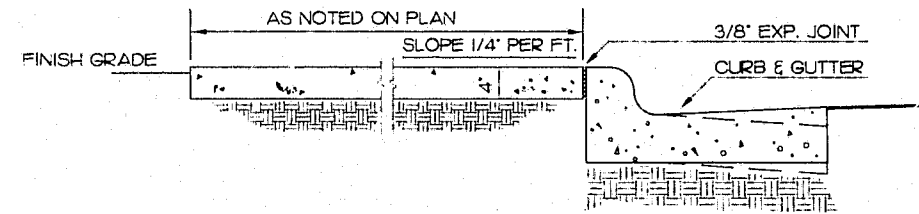
NOTES
 1. CURB AND GUTTER SHALL BE LAID IN 10' LENGTHS WITH 1/8" METAL SPACERS.
 2. EXPANSION JOINTS SHALL BE SPACED AT 40' INTERVALS.

3 MEDIAN CURB
 SCALE: 1/2" = 1'-0"

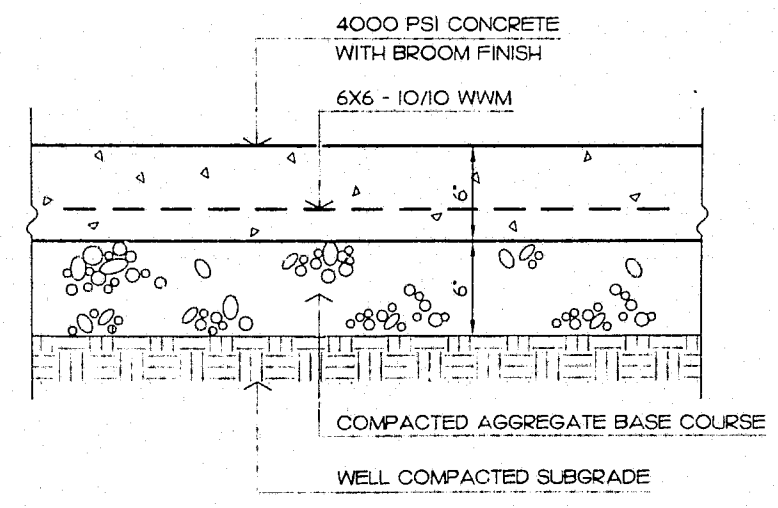
NOTES:
 1) WALKS SHALL BE CONSTRUCTED OF 3000 PSI CONCRETE ON A WELL COMPACTED SUBGRADE
 2) WALKS SHALL HAVE BROOM FINISH UNLESS OTHERWISE NOTED
 3) SEE DETAIL FOR JOINTING



4 CONCRETE WALK
 SCALE: 3/4" = 1'-0"

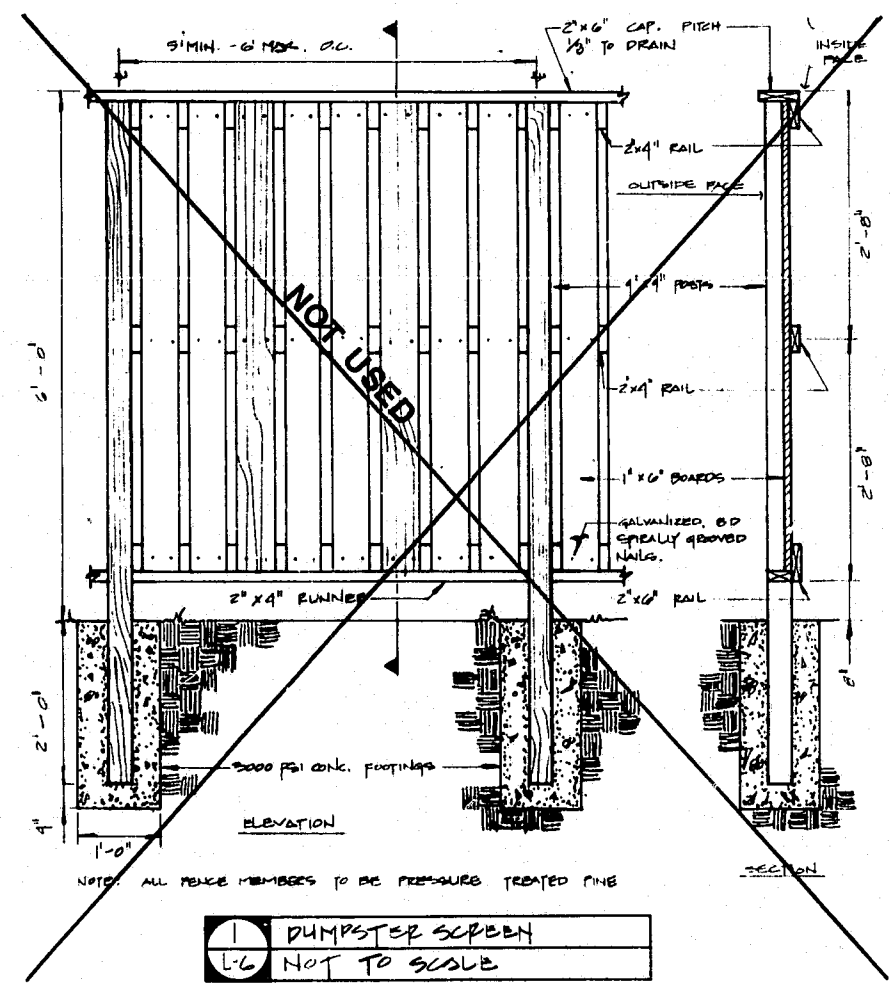


5 CONCRETE PAVEMENT
 SCALE: 1/2" = 1'-0"

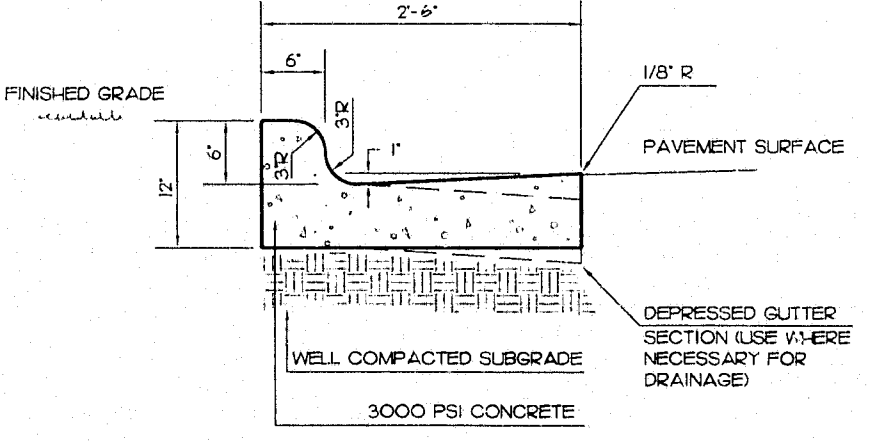


NOTES
 SEE FOR JOINTING PLAN
 SEE FOR JOINTING DETAIL

6 CURB & GUTTER
 SCALE: 1" = 1'-0"

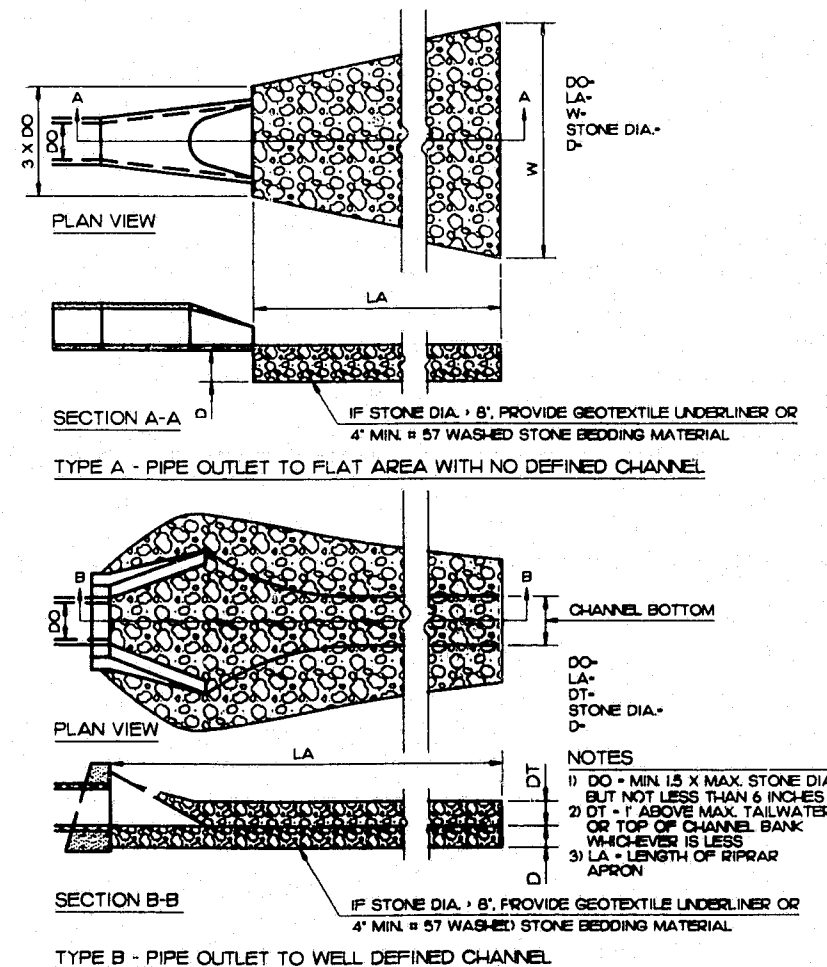


7 DUMPSTER SCREEN
 SCALE: NOT TO SCALE



NOTES
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 2) EXPANSION JOINTS SHALL BE SPACED AT 40' INTERVALS

8 CURB & GUTTER
 SCALE: 1" = 1'-0"



9 CURBET OUTLET PROTECTION
 SCALE: NOT TO SCALE

THESE PLANS ARE PREPARED FOR REVIEW AND PERMITTING BY THE LOCAL AUTHORITIES HAVING JURISDICTION OVER APPLICABLE PORTIONS OF THE WORK, AND AS SUCH ARE NOT RELEASED FOR CONSTRUCTION UNTIL SO NOTED.

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