See Sheet 6 of 7

VIRGINIA DEPARTMENT OF HIGHWAYS AND TRANSPORTATION - PROPOSED I-295

N32°27'05"W — 269.35'
N29°52'15"W — 177.69'
N36°14'35"W — 122.96'
R=57,389.78'
L=860.91'
Δ=0°51'34" LT
T=430.46'

(6) 106'-18" Conc. Pipe (Class III)
Inv. in (G+42.0; 47.0' Lt.) - 56.46
Inv. out (G+86.0; 47.0' Rt.) - 54.86
Slope = 1.5%. 3.5 sy. EC-1, Type 'A'.

(17) Std. Trapezoidal Channel with Jute Mesh Lining. 2:1 side slopes. 2' bottom. Slope = 1.08%

(18) Std. PG-5; Paved Ditch Same as previously designed.

(9) Std. DI-6B Same ... except @ 10+71.51

(19) - (14) Same ... except aligned with revised lot line.

Std. San. Manhole
4+82.43 Outfall 'A'; 5' H.
Top - 62.5, H = 9.9'
Inv. in - 52.74; Inv. out - 52.64
Δ = 48°44'34" Lt.

22.6' @ 5.3% Slope
G+25.57 LONDON RD. CENTER OF CUL-DE-SAC
Revised Outfall 'B'
G+44.42 Outfall 'A'

Approx. ℄ of Existing Swale
16' Drainage Esmnt.

240' Graded Yard Swale
Approx. 3.2% Slope
6:1 Side Slopes
Maintain Min. 12" Depth
Jute Mesh Ditch Lining Req'd.
Fill, Regrade & Seed Existing Swale as necessary.

Prop. I-295 R/W Line

27+90.92 Old Iron Rd., 25' Lt.
Center Cul-de-Sac

6" Plug & 2" Blow Off

San. MH
27+90.92; ℄

6" ϕ Waterline

10' Slope & Drainage Easement

Jute Mesh Ditch Lining
11+00 - 12+00; Lt. Side
Min. 8" Depth

6" Plug & 2" Blow-Off

10' Slope & Drainage Easement

San. MH.
12+00; ℄
12+00.08 Berkshire Dr.
Center of Cul-de-Sac

6" ϕ Waterline

Jute Mesh Ditch Lining
Sta. 0+45 - 2+00; Lt. Side
Min. 8" Depth

22' EP-EP

San. MH.
Rd. Pt.

3+40 Branchester Dr.
25' Lt.; Center Cul-de-Sac

10' Slope & Drainage Easement

6" Plug & 2" Blow Off

San. MH.
Sta. 7+66.47; ℄

BRANCHESTER DRIVE

Jute Mesh Ditch Lining
8+50 London - 2+20 Branchester
Min. 8" Depth

San. MH.
2100; ℄

6" ϕ Waterline
Beg. Cul-de-Sac
Sta. 2+69.29

7+66.47' LONDON RD. 8+50 BRANCHESTER DR.

24' EP-EP

8+26.83 Outfall 'A'

Outfall 'A'

Outfall 'C'

GREEN

S70°20'29"W — 937'±

BAILEY CREEK

125'±

LONDON ROAD

14+22.45 LONDON RD. = 0+56.18 BERKSHIRE DR.

N33°06'41"E — 150'

N33°06'41"E — 200'

N33°06'41"E — 200'

BERKSHIRE DRIVE

320' — S56°53'19"E

26.08 S33°06'41"W

72.17' S56°53'19"E

160' — S81°04'E

Begin Road Constr. Sta. 26+50.73

OLD IRON ROAD

26.92' EAST
Tie to Existing Sanitary Manhole Inv. Elev. 67.72
N38°56'E — 21.27'

200' — SOUTH

150' — SOUTH

Begin Road Constr. Sta. 11+00

305.74' EAST

102.49' — N56°34'00"E

22' EP-EP

Curve Data
PC 0+45 Branchester
PI. 1+58.20
PT. 2+69.29 Branchester
R = 670.42'
Δ = 19°10'06" Lt.
T = 113.20'
L = 224.29'
C = 223.24'

Notes

1. This plan sheet shows the revisions required to the previously approved road and drainage plans for Stratford Woods, Sections 5 and 6. On all roads, the horizontal alignments and road grades remain the same. The revised portion of the roads affected by the revision are shaded. These roads were all shortened and cul-de-sacs added to allow the lot layout along the VDH&T (I-295) Right-of-Way to be restructured.

2. Revised Road Classifications:

Old Iron Rd.	35 V.P.D.	Cat. I	22' E.P.-E.P.	Pvmnt. - Same
Berkshire Dr.	35 V.P.D.	Cat. I	22' E.P.-E.P.	Pvmnt. - Same
Branchester Dr.	42 V.P.D.	Cat. I	22' E.P.-E.P.	Pvmnt. - Same

3. (12) - Indicates lots requiring 20 Lin. Ft. - 12" Conc. Entrance Pipe. The number indicates the pipe diameter. All drainage structures previously approved on Section 5 and Section 6 Plans were not redrawn for this plan unless they were required changes. Refer to those plans for the balance of the design.

4. All Cul-de-Sacs required a 10' Slope and Drainage Easement as shown.

Office of County Planner
Prince George County, Va.
RECEIVED
MAR 12 1984

NO.	DATE	REVISION	BY

SHEET TITLE: Revised Road and Drainage Plan

PROJECT: Stratford Woods
Portions of Sections 5 and 6
Prince George County, Virginia

PROJECT NO. 8311-24
SCALE 1" = 50'
DATE 30 Jan. 84
DRAWN BY M.D.B.
CHECKED BY R.L.L.
DRAWING NO.

LEGAT AND ASSOCIATES, INC.
Consulting Engineers and Surveyors
HOPEWELL, VIRGINIA

2 OF 7 SHTS