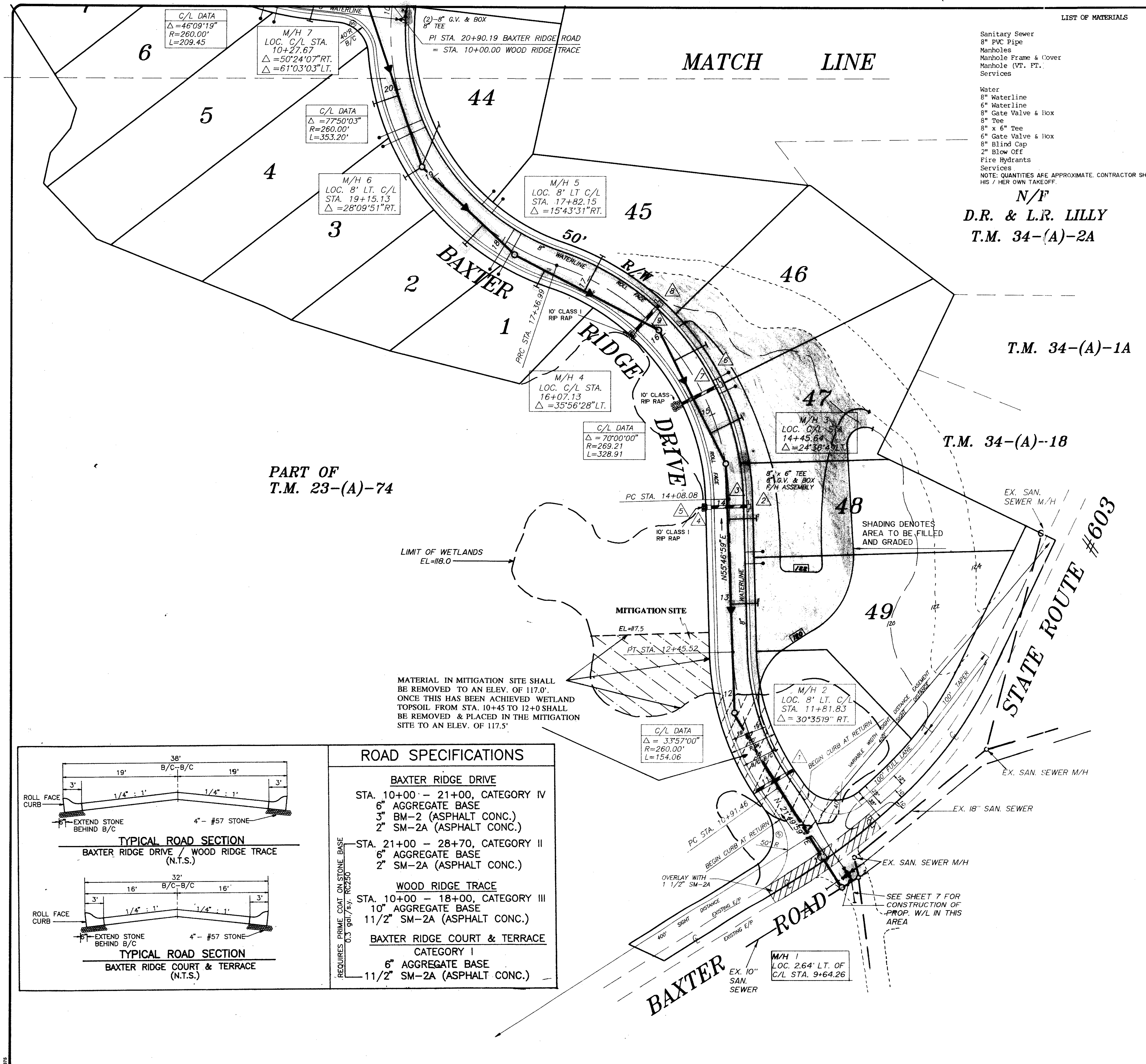

ROAD SPECIFICATIONS

BAXTER RIDGE DRIVE

STA. 10+00 – 21+00, CATEGORY IV
6" AGGREGATE BASE
3" BM-2 (ASPHALT CONC.)
2" SM-2A (ASPHALT CONC.)

STA. 21+00 – 28+70, CATEGORY II
6" AGGREGATE BASE
2" SM-2A (ASPHALT CONC.)

WOOD RIDGE TRACE

STA. 10+00 – 18+00, CATEGORY III
10" AGGREGATE BASE
11/2" SM-2A (ASPHALT CONC.)

BAXTER RIDGE COURT & TERRACE

CATEGORY I
6" AGGREGATE BASE
11/2" SM-2A (ASPHALT CONC.)

REQUIRES PRIME COAT ON STONE BASE 0.3 gal./s.y. RC250

LIST OF MATERIALS

Sanitary Sewer	
8" PVC Pipe	3178.75 L.F.
Manholes	16 Each
Manhole Frame & Cover	16 Each
Manhole (VT. FT.)	180.22 V.F.
Services	49 Each
Water	
8" Waterline	2,898 L.F.
6" Waterline	528 L.F.
8" Gate Valve & Box	5 Each
8" Tee	2 Each
8" x 6" Tee	5 Each
6" Gate Valve & Box	4 Each
8" Blind Cap	2 Each
2" Blow Off	2 Each
Fire Hydrants	5 Each
Services	49 Each

NOTE: QUANTITIES ARE APPROXIMATE. CONTRACTOR SHALL DO HIS / HER OWN TAKEOFF.

DRAINAGE SUMMARY

1 48' - 18" RCP, CLASS III, S = 0.00%
INV. IN = 117.00 INV. OUT = 117.00

2** DI-3C, L = 12', TOP = 120.95
15" INV. OUT = 118.19

3 40' - 15" RCP, CLASS III, S = 0.18%
INV. IN = 118.19 INV. OUT = 118.12

4** DI-3A, L = 2.5', TOP = 120.95
15" INV. IN = 118.12 15" INV. OUT = 118.12

5 8' - 15" RCP, CLASS III, S = 0.47%
INV. IN = 118.12 INV. OUT = 118.08

6 * DI-3B, L = 6', TOP = 121.50
15" INV. OUT = 118.60

7 48' - 15" RCP, CLASS III, S = 0.42%
INV. IN = 118.60 INV. OUT = 118.40

8 * DI-3B, L = 6', TOP = 122.00
15" INV. OUT = 118.44

9 52' - 15" RCP, CLASS III, S = 0.45%
INV. IN = 118.44 INV. OUT = 118.22

10 * DI-3B, L = 6', TOP = 135.05
15" INV. OUT = 132.10

11 80' - 15" RCP, CLASS III, S = 0.50%
INV. IN = 132.10 INV. OUT = 131.70

12 * DI-3B, L = 6', TOP = 134.40
15" INV. IN = 131.70 15" INV. OUT = 131.60

13 50' - 15" RCP, CLASS III, S = 1.00%
INV. IN = 131.60 INV. OUT = 131.10

14** DI-3C, L = 14', TOP = 134.15
15" INV. IN = 131.10 18" INV. OUT = 130.85

15 40' - 18" RCP, CLASS III, S = 1.08%
INV. IN = 130.85 INV. OUT = 130.41

16 * DI-4A, L = 4', TOP = 134.15
18" INV. IN = 130.41 24" INV. OUT = 130.16

17 206' - 24" RCP, CLASS III, S = 0.86%
INV. IN = 130.16 INV. OUT = 128.39

18 * DI-4A (WITH 6" REAR SLOT OPENING), L = 4',
24" INV. IN = 128.39 27" INV. OUT = 128.14
6" REAR SLOT OPENING = 131.30 TOP=133.17

19 140' - 27" RCP, CLASS III, S = 0.50%
INV. IN = 128.14 INV. OUT = 127.44

20** DI-4A, L = 4', TOP = 132.47
27" INV. IN = 127.44 27" INV. OUT = 127.34
15" INV. IN = 128.44

21 56' - 15" RCP, CLASS III, S = 2.79%
INV. IN = 130.00 INV. OUT = 128.44

22** DI-3A, L = 2.5', TOP = 132.62
15" INV. OUT = 130.00

23 120' - 27" RCP, CLASS III, S = 0.56%
INV. IN = 127.34 INV. OUT = 126.67

24 * DI-3A, L = 2.5', TOP = 131.87
27" INV. IN = 126.67 27" INV. OUT = 126.57

25 8' - 27" RCP, CLASS III, S = 0.60%
INV. IN = 126.57 INV. OUT = 126.52

26** DI-3C, L = 10', TOP = 129.76
15" INV. OUT = 126.90

27 40' - 15" RCP, CLASS III, S = 0.80%
INV. IN = 126.90 INV. OUT = 126.58

28** DI-3A, L = 2.5', TOP = 129.76
15" INV. IN = 126.58 15" INV. OUT = 123.46

29 48' - 15" RCP, CLASS III, S = 0.75%
INV. IN = 123.46 INV. OUT = 123.10

30** DI-3C, L = 8', TOP = 126.09
15" INV. OUT = 123.80

31 124' - 15" RCP, CLASS III, S = 2.26%
INV. IN = 123.80 INV. OUT = 121.00

32 * DI-3A, L = 2.5', TOP = 124.07
15" INV. IN = 121.00 15" INV. OUT = 120.90

33 8' - 18" RCP, CLASS III, S = 0.41%
INV. IN = 120.90 INV. OUT = 120.87

34 TEMPORARY OUTFALL DITCH (GRASS LINED)
BOTTOM = 2', SS = 2:1, D = 2', L = 500'

35 TEMPORARY OUTFALL DITCH (GRASS LINED)
BOTTOM 2', SS = 2:1, D = 1.0', L = 130'

36 DI-7, BASE UNIT WITH IC-2 FRAME & COVER RECESSED INTO TOP, TOP = 135.5
15" INV. IN = 118.37 15" INV. OUT = 118.37

37 16' - 15" RCP, CLASS III, S = 0.70%
INV. IN = 118.37 INV. OUT = 118.25

* DENOTES TYPE "A" NOSE
** DENOTES TYPE "B" NOSE

FINAL

CHARLES C. TOWNES & ASSOCIATES
Engineers, Planners, Land Surveyors
9842 Lori Road, Suite 201
Chesterfield, VA 23832
(804) 748-9011

COMMONWEALTH OF VIRGINIA
JEFFREY T. COLLINS
No. 013081
PROFESSIONAL ENGINEER

BAXTER RIDGE
RIVES DISTRICT
PRINCE GEORGE COUNTY, Va.

PLAN

REVISIONS

DATE	ITEM
3-3-92	
4-8-92	
5-4-93	WETLANDS
6-16-93	

DATE 10/9/91

SCALE 1"=50'

DRAWN BY CLF / RCE

CHECKED BY

F.B. #

SHEET # 3 OF 7