SCALE
HORIZONTAL : 1" = 50'
VERTICAL : 1" = 5'

216.47 L.F.-8" PVC @ 0.50%

388.27 L.F.-8" P.V.C. @ 0.40%

16.00 L.F.-8" PVC 0.40%

EXISTING GROUND

100 YEAR FLOOD PLAIN

EX. ℄ GRADE

FIRE HYDRANT

F.I. 3"x74'±' CEDAR RUN ROAD

TEE

6"V.B. BOX

TIE TO HUCKLEBERRY HILLS 8"x6" TEE

6"V.B. BOX

8"BC & 12" BO

3"BC & 8" BO

6"V.B. BOX

TEE

UNION BRANCH ROAD

OUTFALL A UTILITY IMPROVEMENTS

EL. TOP=134.00

INV. IN=127.70
INV. OUT=125.50

EL. TOP=127.50

INV. IN=119.49
INV. IN=119.39
INV. OUT=117.59

EL. TOP=124.00

INV. IN=116.69
INV. OUT=115.85

INV. IN=116.80

EL. TOP=131.34

EL. TOP=130.00

EL. TOP=128.00

EL. TOP=133.00

EL. TOE=127.50
P.I. OUTFALL "B"

80 L.F.-42" RCP
CLASS III @ 0.40%

TEMPORARY FILL
TO BE REMOVED

EARTH BERM

361 L.F.-42" RCP CLASS III @ 0.40%

339 L.F.-42" RCP CLASS III @ 0.50%

196 L.F.-42" RCP CLASS III @ 0.50%

25 L.F.-42" RCP
CLASS III @ 0.75%

EXISTING GROUND

TYPICAL SECTION
RG-5
N.T.S.

TYPICAL SECTION
RIP-RAP DITCH
N.T.S.

TYPICAL SECTION
EARTH DITCH
N.T.S.

180 L.F. RG-5 PAVED DITCH
@ 0.25%

30" RIP RAP

EARTH

END PAVED DITCH 120+36

END RIP RAP

21" INV. IN=127.09
21" INV. IN=126.49
21" INV. IN=126.30
42" INV. OUT=125.64

42" INV. IN=124.40
42" INV. OUT=124.30

42" INV. IN=123.68
42" INV. OUT=123.58

42" INV. IN=122.19
42" INV. OUT=122.08

18" INV. IN=123.00
42" INV. OUT=121.00

42" OUT=120.83

OUTFALL A DRAINAGE IMPROVEMENTS

COMMONWEALTH OF VIRGINIA
CHARLES C. TOWNES
CERTIFICATE NO.
110478
PROFESSIONAL ENGINEER

CEDARWOOD
SECTIONS ONE & TWO
RIVES DISTRICT
PRINCE GEORGE COUNTY, VIRGINIA

SCALE: AS SHOWN	APPROVED BY:	DRAWN BY MLS
DATE: 8/1/88		REVISED 9-2-88 11-8-88 3-29-90 9-11-91

PROFILES

CHARLES C TOWNES & ASSOCIATES
CIVIL ENGINEERS, PLANNERS, LAND SURVEYORS
COLONIAL HEIGHTS, VIRGINIA

DRAWING NUMBER 15

FINAL

FINAL SURVEY — SURVEYED, PLOTTED, VERIFIED, AREAS, AREAS CHECKED, NOTE BOOK, NO. — BY, DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, VERIFIED, AREAS, AREAS CHECKED, NOTE BOOK, NO. — BY, DATE

PLATE 3-FULL CROSS SECTION-FULL LINE