ASSUMED HORIZONTAL DATUM
VERTICAL DATUM BASED ON COUNTY MONUMENTATION

T.M. NO. 24-A-15
N/F KATHERINE B. TOMPKINS
D.B.232 PG.673

SHAPE CONCRETE DITCH TO MEET INV. OUT OF DUAL 15" PIPES

REFER TO INSET DETAIL BELOW

CONCRETE DITCH PER VDOT PG-5
4' BOTTOM
2:1 SIDES
18" DEEP
0.23% SLOPE

TOP=126.31
F.L.=122.01

TOP=126.32
F.L.=120.39

8"P.V.C.

CL=122.31

42" F.E.S.
INV.IN=122.26

VDOT EW-6S

CL=122.69

30"x48" RCP

VDOT EW-6

(2) 17± LF-15" CL. III RCP @ 0.52% SLOPE
INV. IN=122.54
INV. OUT=122.45

42"RCP

15"RCP

STORM WATER MANAGEMENT BASIN

TOP=123.93
INV.IN=111.33
INV.OUT=111.71

CRAPE MYRTLE (TYP.)

25 C.Y. CL. I RIPRAP OUTLET PROTECTION

VDOT STD. EW-1
INV.OUT=125.00

NOTE: MAINTAIN 1.00% SLOPE (MIN.) IN BASIN FROM PIPE INLETS TO BASIN OUTFALL

COURTHOUSE ROAD
STATE ROUTE 106

STATE ROUTE 106

INV.=125.78

TOP=127.33
INV.IN=110.36(PLANS)

T.M. NO. 24-A-14
N/F PRINCE GEORGE COUNTY, VIRGINIA

LOT 12

LOT 11

LOT 10

20' SANITARY SEWER EASEMENT

10' WATER EASEMENT

20' DRAINAGE & UTILITY EASEMENT

20' DRAINAGE EASEMENT

TOP=124.82
INV.IN(W)=113.74
INV.IN(E)=112.54
INV.OUT=112.42

T.M. NO. 24-A-13A
N/F THE SCHOOL BOARD OF PRINCE GEORGE COUNTY

MATCHLINE - SEE SHEET C6

TAX PARCEL LINE

F/O

ASPHALT PAVEMENT

BRICK BLDG.

TRAILERS

WATER VAULT

2 STORY BRICK

TAX PARCEL LINE

REFER TO #1 FOR BL

MON(F)

SWAL MIN.

VDOT

GOVERNMENT CENTER DRIVE

MATCHLINE - SEE SHEET C6

NOTE: REFER TO STORM SEWER PROFILES FOR ALL PIPE INFORMATION

CONCRETE DITCH INSET SCALE: 1"=10'

42" F.E.S.
INV.IN=122.26

15"RCP

CL. I RIPRAP ARMOR SLOPE @ EXIST. 42" F.E.S.

11'

8'

CL=122.31

3'R

4'

10'

SLOPE= 0.23%

CL=122.69

2'R

5'R

5'R

1'R

CL=122.45

CL=122.26

EXTEND CONCRETE DITCH TO TIE INTO HEADWALL AT INVERTS

6" DEEP "V" NOTCH-TIE GRADED DITCH INTO CONCRETE DITCH

CLASS I RIPRAP INSTALLED PER DETAIL 26, SHEET C13

10'

4'

2

1

18"

CONCRETE DITCH PER VDOT PG-5 STD. & SPEC.
CURTAIN WALLS AS REQUIRED PER VDOT SPEC.

CONCRETE DITCH SECTION

NO SCALE

COMMONWEALTH OF VIRGINIA
CHRISTOPHER M. SHUST
No. 034028
12/20/02
PROFESSIONAL ENGINEER

HVC · CHENAULT
hening · vest · covey · chenault architectural corporation
richmond virginia
architecture · planning · interior design

NEW COUNTY OFFICE BUILDING
PRINCE GEORGE COUNTY
PRINCE GEORGE, VIRGINIA

com. no.:	4040
drawn by:	SEK
checked by:	CMS
date:	8/17/01
revisions:	12/06/01
	05/15/02
	BID:09/09/02
1	11/04/02
	12/20/02

GRADING PLAN

C5

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Charlottesville, VA
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