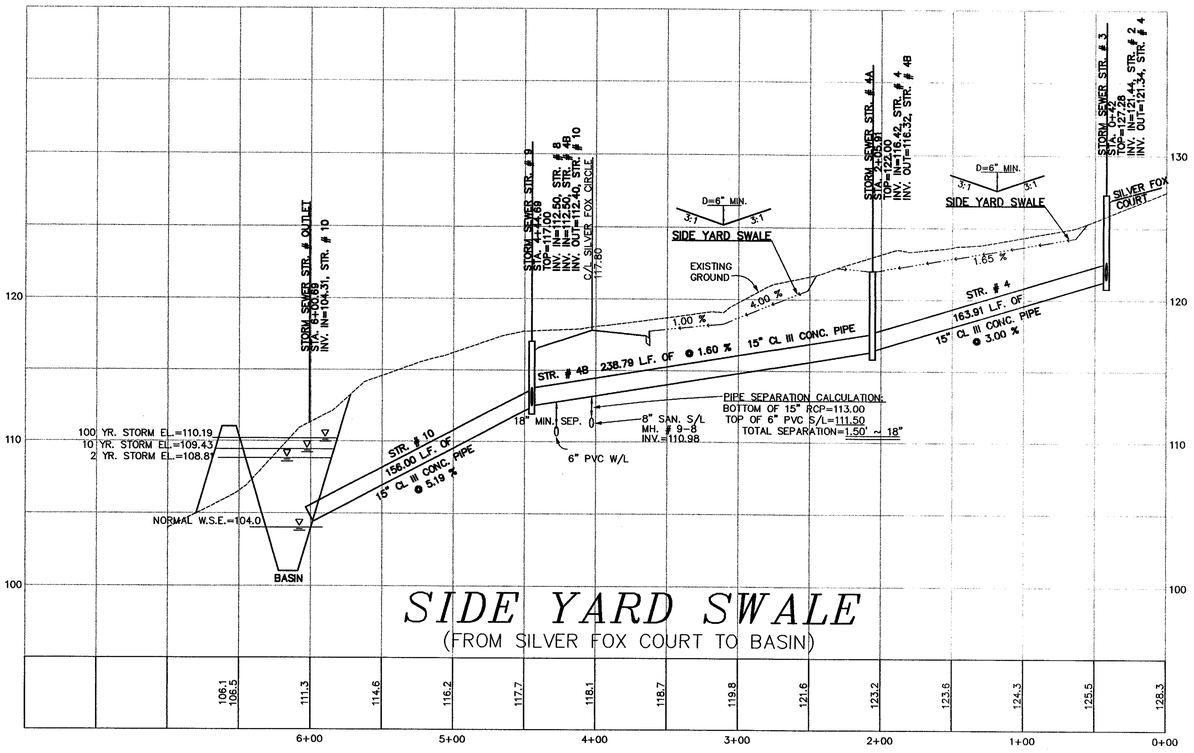


SIDE YARD SWALE
(FROM SILVER FOX COURT TO BASIN)

HORIZONTAL SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

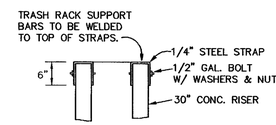
VERTICAL SCALE

5 0 2.5 5 10 20

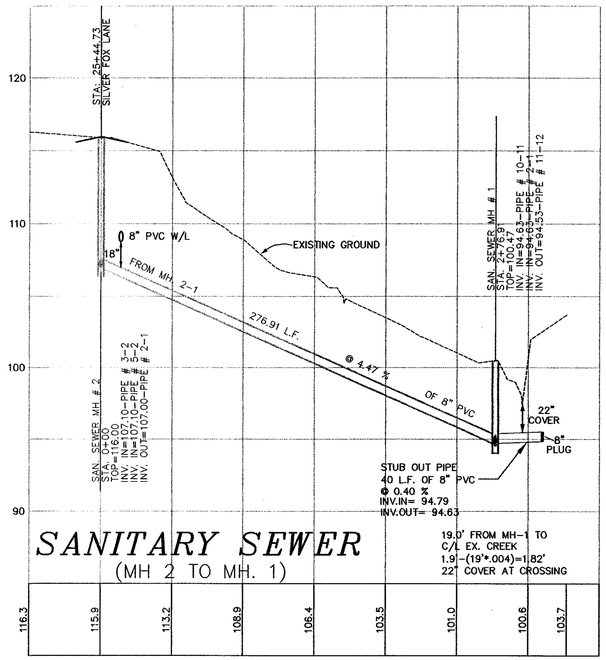
(IN FEET)
1 inch = 5 ft.

KEY

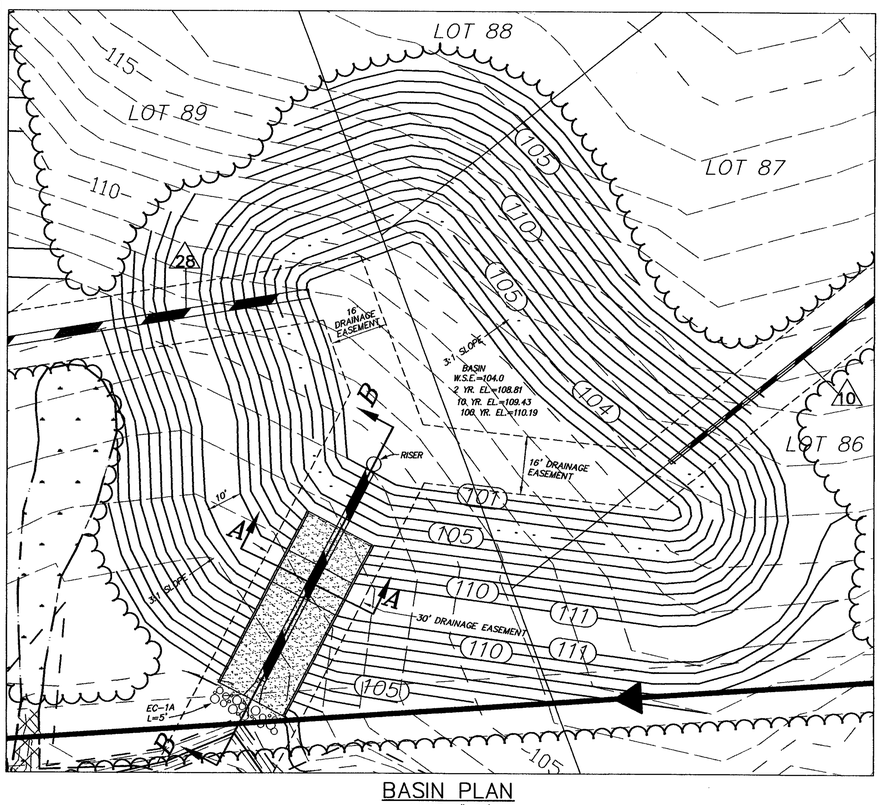
- 25' RIGHT
- 25' LEFT
- C/L EX. GRADE
- C/L PROP. GRADE



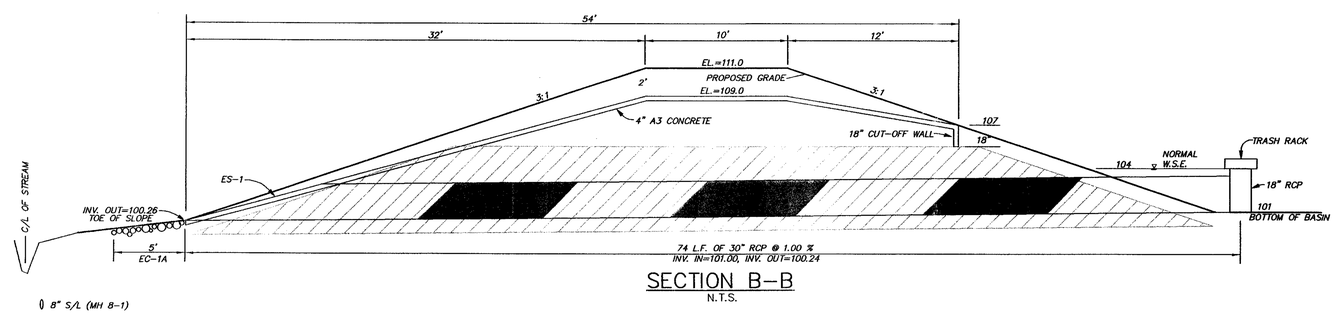
STRAPPING DETAIL



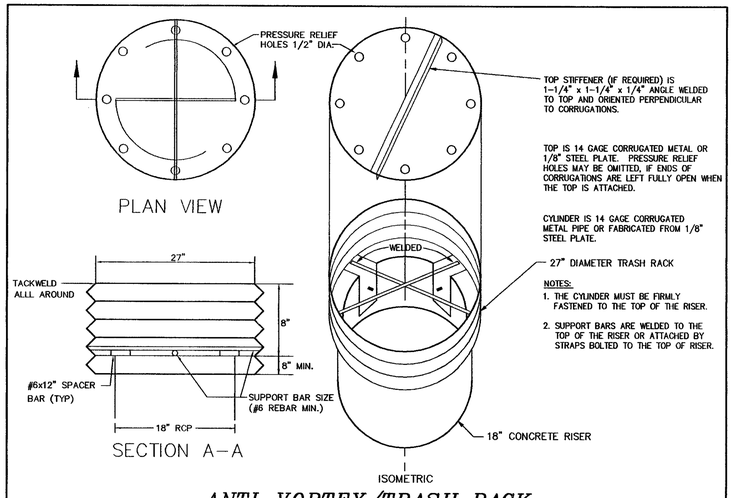
SANITARY SEWER
(MH 2 TO MH. 1)



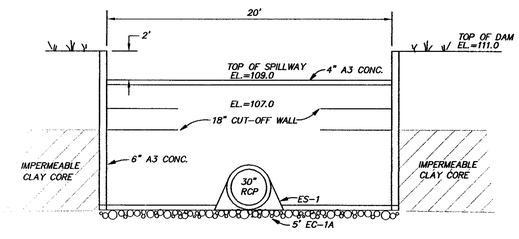
BASIN PLAN
SCALE: 1"=20'



SECTION B-B
N.T.S.



ANTI-VORTEX/TRASH RACK DEVICE DESIGN
N.T.S.



SECTION A-A
N.T.S.

VERTICAL WEIR DETAIL

BASIN EMBANKMENT CONSTRUCTION NOTES:

1. MATERIALS FOR DAM EMBANKMENT WILL CONSIST OF HOMOGENEOUS FILL SOILS (USCS ML, CL, OR CH) AS APPROVED BY A GEOTECHNICAL ENGINEER. PLACE FILL IN 8" LOOSE LIFTS AND COMPACT TO MINIMUM OF 95 % OF MAXIMUM STANDARD PROCTOR DRY DENSITY PER ASTM D-698.
2. IMPERMEABLE CLAY CORE SHOULD BE KEYED A MINIMUM OF 2' INTO UNDISTURBED SOILS AND PERMEABILITY SHALL NOT EXCEED 10^{-7} CM/S.

THIS DRAWING PREPARED FOR THE PRINCE GEORGE COUNTY OFFICE

COMMONWEALTH OF VIRGINIA
DERRICK A. JOHNSON
No. 24761
PROFESSIONAL ENGINEER

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DATE	REVISION DESCRIPTION
05-20-02	REVISED PER COUNTY AND V.D.O.T. COMMENTS
06-20-02	ADDED BASIN

DATE	03-06-02
DRAWN BY	W. BROWN
DESIGNED BY	D. JOHNSON
CHECKED BY	
SCALE	AS SHOWN
JOB NO.	20225
SHEET NO.	6

TIMMONS
Founded 1953
ENGINEERS * SURVEYORS * PLANNERS * LANDSCAPE ARCHITECTS * ENVIRONMENTAL SCIENTISTS * GEOGRAPHIC INFORMATION SYSTEMS CONSULTANTS * CONSTRUCTION MANAGERS

BRANCHESTER LAKES SECTION 16
BLAND DISTRICT • PRINCE GEORGE COUNTY, VIRGINIA
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