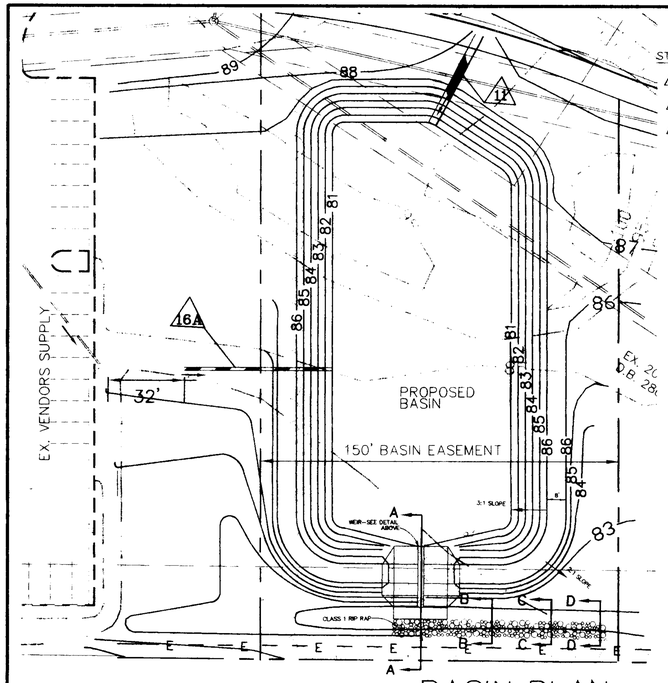
STORM SEWER SCHEDULE:

STR. #	DESCRIPTION:
11	43.90 LF OF 36" CL III CONC. PIPE @ 0.72 %, INV. IN=81.58, INV. OUT=81.26
16	32.00 LF OF 15" CL III CONC. PIPE @ 1.00 %, INV. IN=82.16, INV. OUT=81.84
16A	57.97 LF OF 15" CL III CONC. PIPE @ 1.00 %, INV. IN=81.84, INV. OUT=81.26

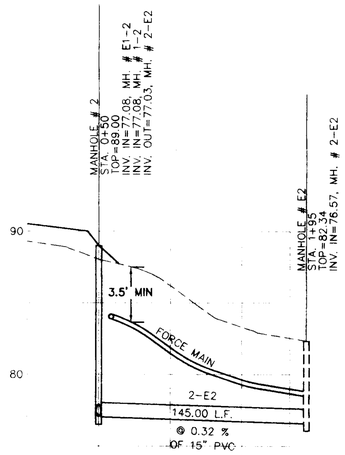


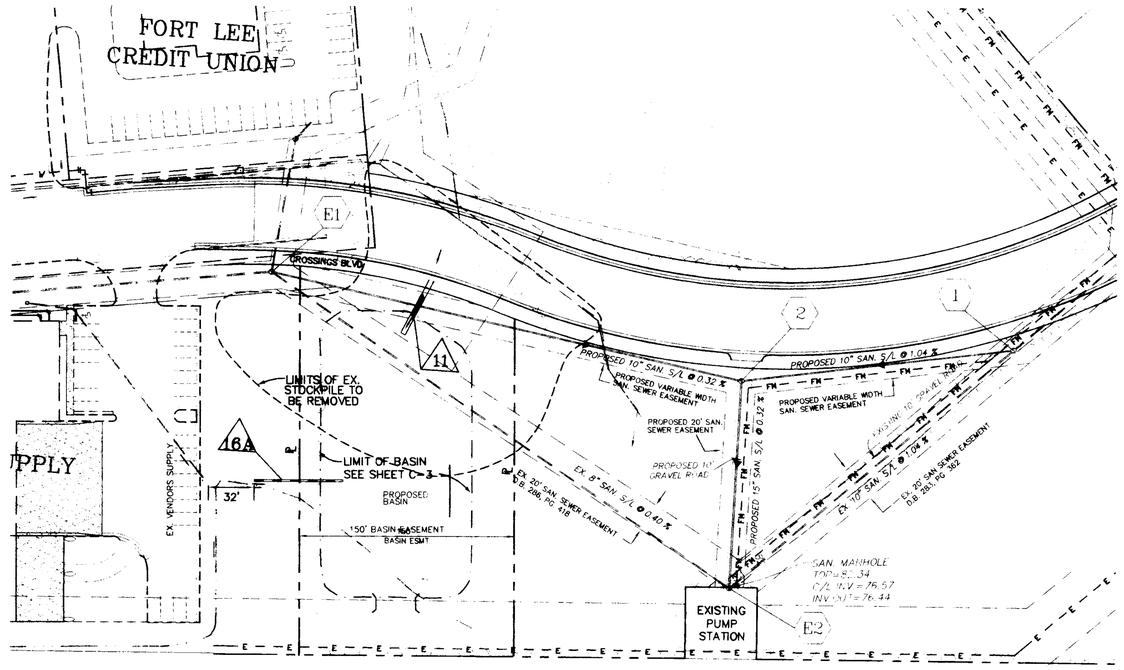
BASIN PLAN

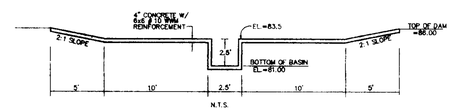
SCALE: 1"=30'

BASIN PERFORMANCE SUMMARY			
DEVELOPED TO DATE	PEAK INFLOW (CFS)	PEAK OUTFLOW (CFS)	PEAK ELEVATION
2 YR.	27.0	20.9	83.08
10 YR.	65	65.7	84.19
100 YR.	106	105.1	84.61
ULTIMATE DEVELOPMENT			
2 YR.	47	24.1	83.33
10 YR.	96	79	84.30
100 YR.	146	130.5	84.90

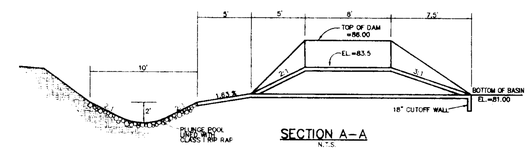
BASIN HYDROLOGY SUMMARY		
	DEVELOPED TO DATE	ULTIMATE DEVELOPMENT
DA	19.6 AC.	19.6 AC.
CN (CURVE #)	78	88
Tc	0.40 HR.	0.30 HR.
2 YR STORM	27 CFS	47 CFS
10 YR. STORM	65 CFS	96 CFS
100 YR. STORM	106 CFS	146 CFS



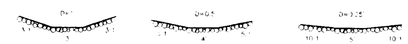


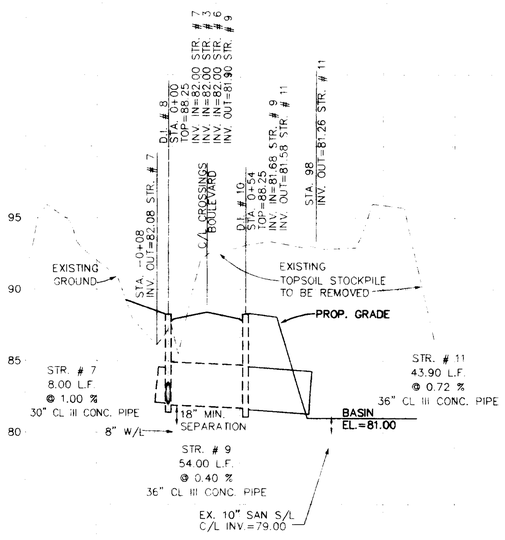


WEIR DETAIL



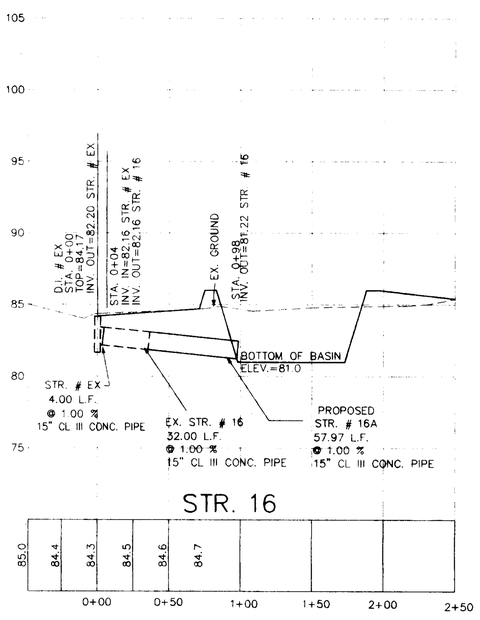
SECTION A-A



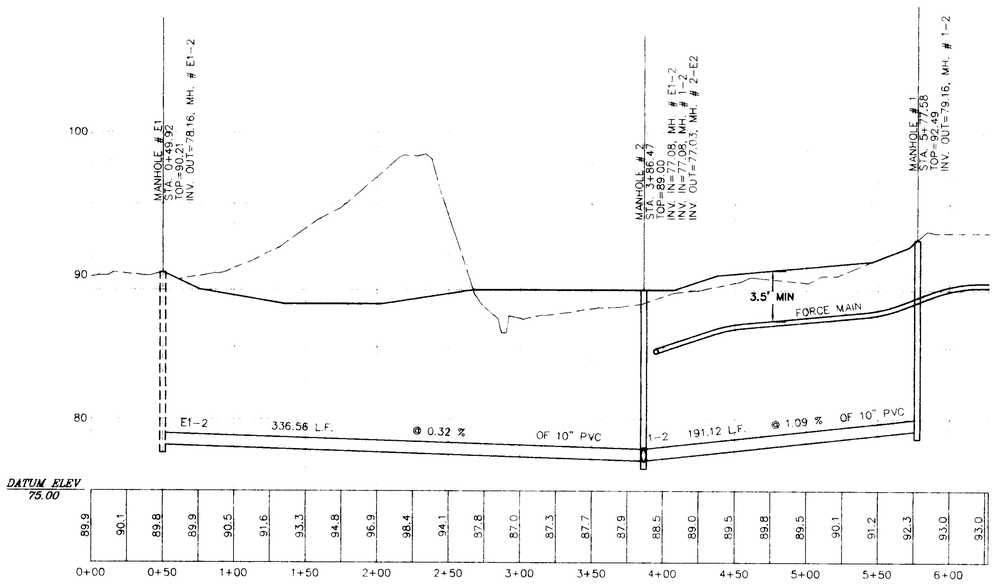


NOTE:
CONTRACTOR IS TO VERIFY LOCATION OF EXISTING UTILITIES, BOTH HORIZONTALLY & VERTICALLY, PRIOR TO THE BEGINNING OF CONSTRUCTION.

STORM SEWER CROSSING BLVD. TO BASIN



STR. 16



MANHOLE E1 TO 2
MANHOLE 1 TO 2

THIS DRAWING PREPARED AT THE PRINCE GEORGE COUNTY OFFICE

COMMONWEALTH OF VIRGINIA
DERRICK A. JOHNSON
No. 24761
PROFESSIONAL ENGINEER
4-23-99

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REVISION DESCRIPTION | DATE

DATE	5-4-98
DRAWN BY	L.GILLIAM
DESIGNED BY	L. GILLIAM
CHECKED BY	D. JOHNSON
SCALE	AS SHOWN

TIMMONS — Founded 1953

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

CROSSINGS BOULEVARD EXTENSION

BLAND DISTRICT * PRINCE GEORGE COUNTY, VIRGINIA

SANITARY SEWER REALIGNMENT & BASIN PLAN

JOB NO. 17737

SHEET NO. C-3