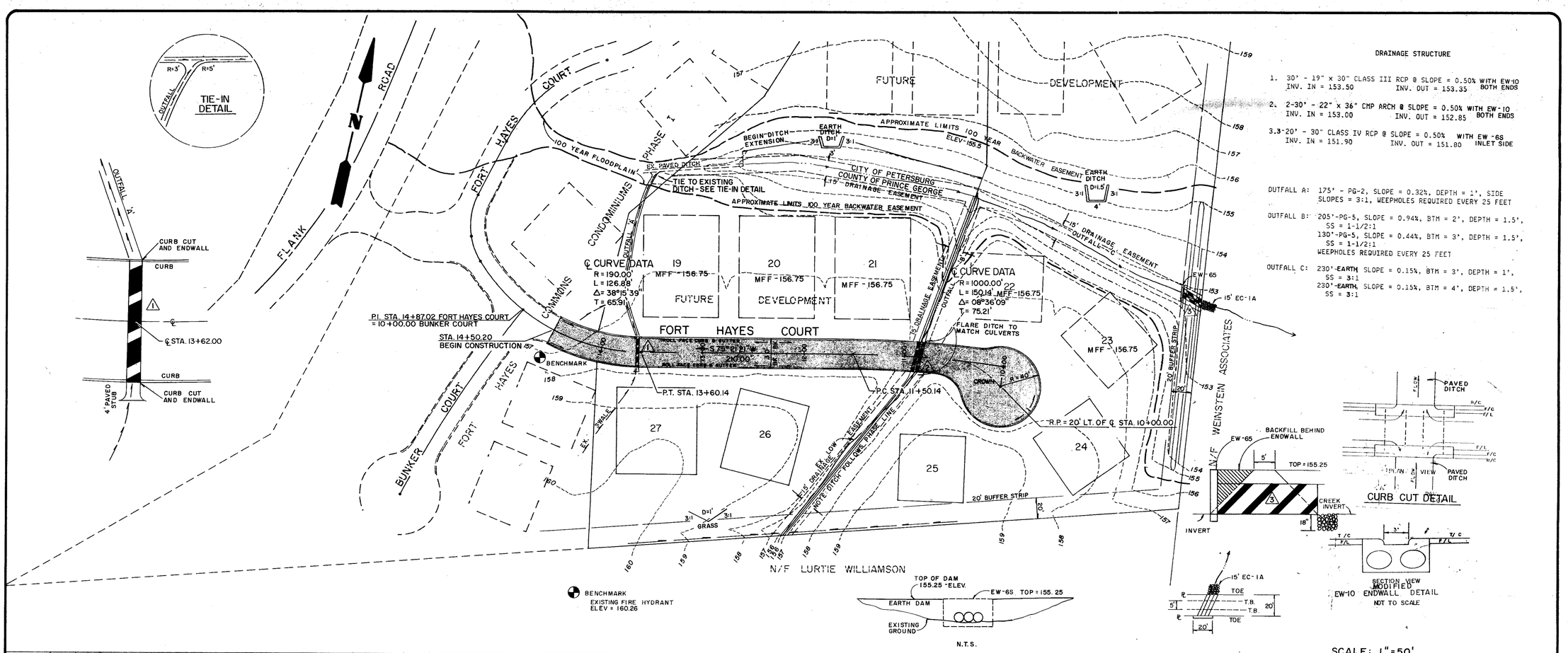


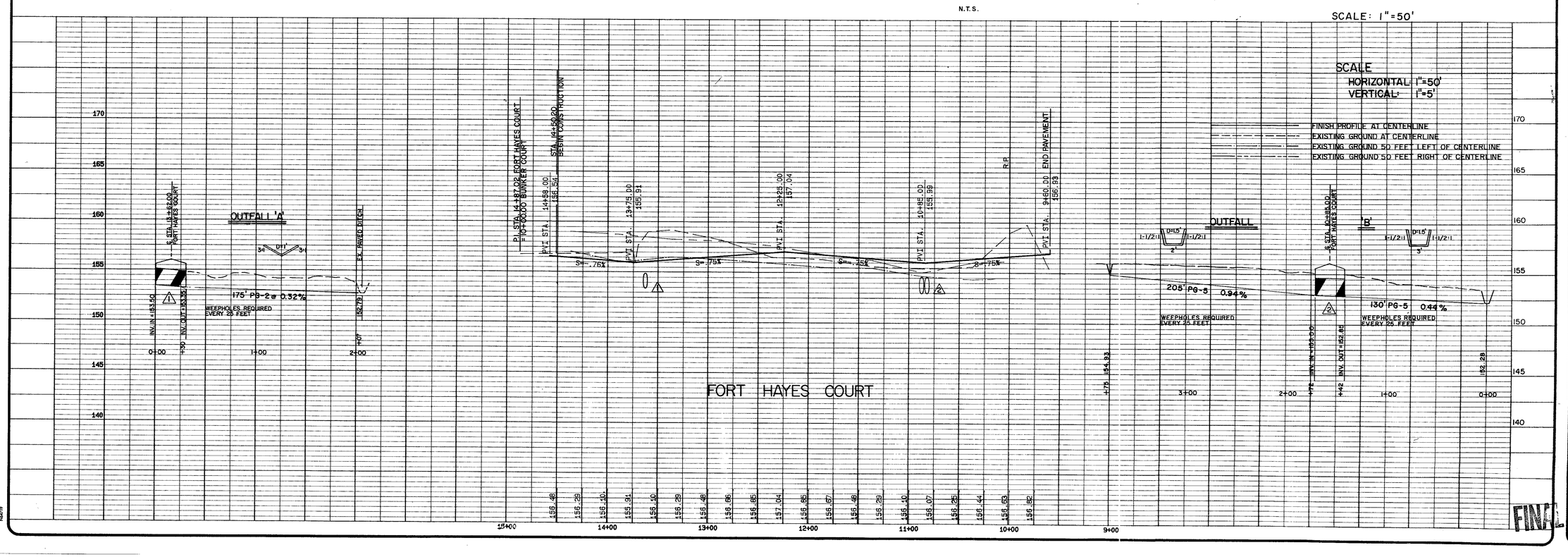
DRAINAGE STRUCTURE

1. 30' - 19" x 30" CLASS III RCP @ SLOPE = 0.50% WITH EW-10 BOTH ENDS
   INV. IN = 153.50 INV. OUT = 153.35
2. 2-30" - 22" x 36" CMP ARCH @ SLOPE = 0.50% WITH EW-10 BOTH ENDS
   INV. IN = 153.00 INV. OUT = 152.85
3. 3-20' - 30" CLASS IV RCP @ SLOPE = 0.50% WITH EW-6S INLET SIDE
   INV. IN = 151.90 INV. OUT = 151.80

OUTFALL A: 175' - PG-2, SLOPE = 0.32%, DEPTH = 1', SIDE SLOPES = 3:1, WEEPHOLES REQUIRED EVERY 25 FEET

OUTFALL B: 205'-PG-5, SLOPE = 0.94%, BTM = 2', DEPTH = 1.5', SS = 1-1/2:1
130'-PG-5, SLOPE = 0.44%, BTM = 3', DEPTH = 1.5', SS = 1-1/2:1
WEEPHOLES REQUIRED EVERY 25 FEET

OUTFALL C: 230'-EARTH, SLOPE = 0.15%, BTM = 3', DEPTH = 1', SS = 3:1
230'-EARTH, SLOPE = 0.15%, BTM = 4', DEPTH = 1.5', SS = 3:1



FINAL

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FORT HAYES COMMONS CONDOMINIUMS
RIVES DISTRICT, PRINCE GEORGE COUNTY VIRGINIA

ROAD AND DRAINAGE PLAN & PROFILE

REVISIONS	
DATE	ITEM
11/27/89	
1/24/90	

DATE: SEPTEMBER 28, 1989
SCALE: AS SHOWN
DRAWN BY: MLS RTT LJT
CHECKED BY: DTDW
F.B. #: 8324(29-39) 8717(63-65)
SHEET #: 2