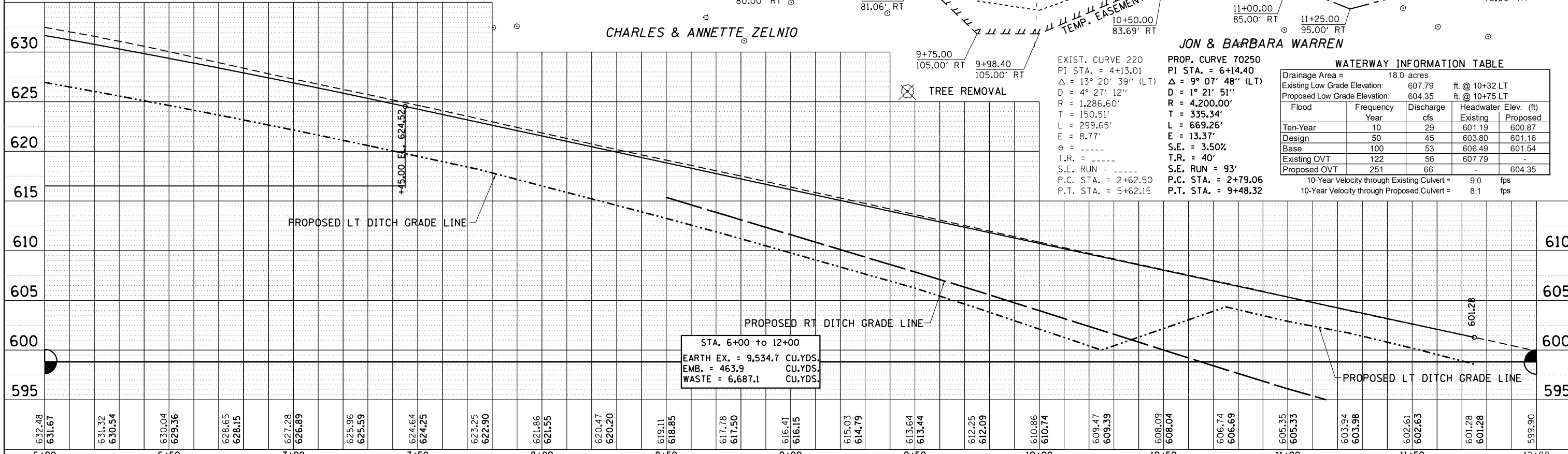
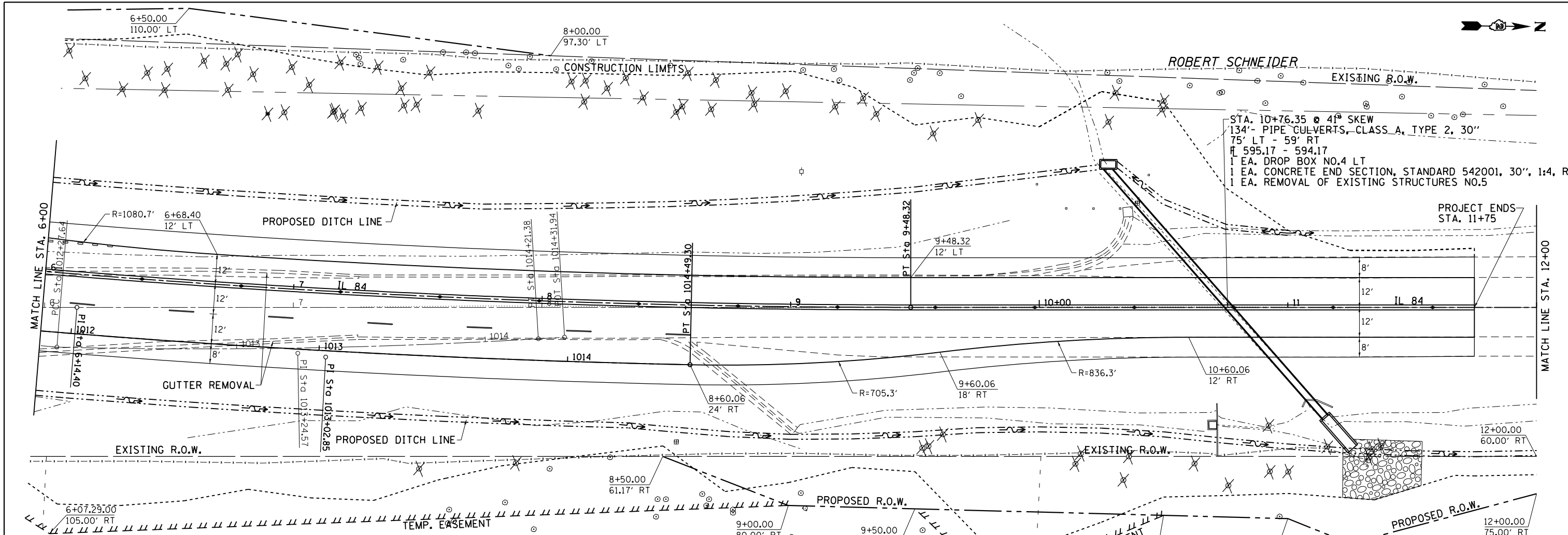


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	FILE NAME		



EXIST. CURVE 220  
PI STA. = 4+13.01  
Δ = 13° 20' 39" (LT)  
D = 4° 27' 12"  
R = 1,286.60'  
T = 150.51'  
L = 299.65'  
E = 8.77'  
e = ----  
T.R. = ----  
S.E. RUN = ----  
P.C. STA. = 2+62.50  
P.T. STA. = 5+62.15

PROP. CURVE 70250  
PI STA. = 6+14.40  
Δ = 9° 07' 48" (LT)  
D = 1° 21' 51"  
R = 4,200.00'  
T = 335.34'  
L = 669.26'  
E = 13.37'  
S.E. = 3.50%  
T.R. = 40'  
S.E. RUN = 93'  
P.C. STA. = 2+79.06  
P.T. STA. = 9+48.32

Drainage Area =	18.0 acres			
Existing Low Grade Elevation:	607.79 ft @ 10+32 LT			
Proposed Low Grade Elevation:	604.35 ft @ 10+75 LT			
Flood	Frequency	Discharge	Headwater	Elev. (ft)
	Year	cfs	Existing	Proposed
Ten-Year	10	29	601.19	600.87
Design	50	45	603.80	601.16
Base	100	53	606.49	601.54
Existing OVT	122	56	607.79	-
Proposed OVT	251	66	-	604.35
10-Year Velocity through Existing Culvert =	9.0	fps		
10-Year Velocity through Proposed Culvert =	8.1	fps		