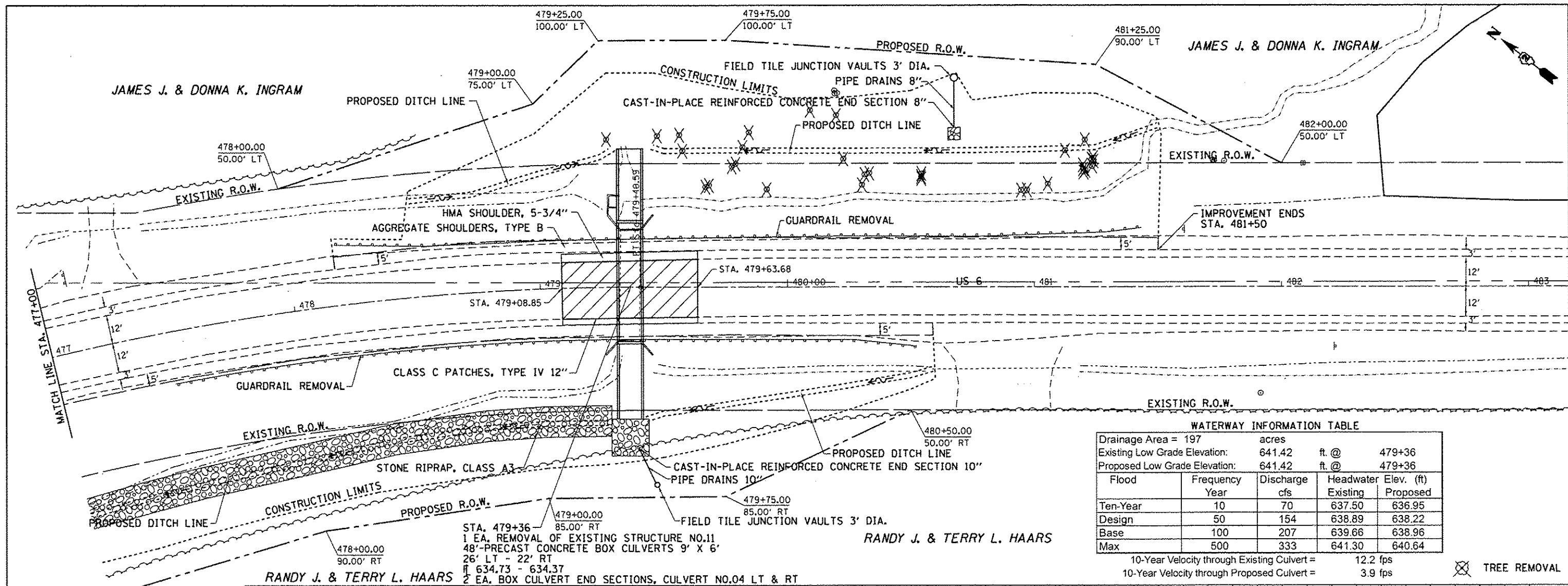


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WATERWAY INFORMATION TABLE

Drainage Area =	197	acres		
Existing Low Grade Elevation:	641.42	ft. @	479+36	
Proposed Low Grade Elevation:	641.42	ft. @	479+36	
Flood Year	Frequency	Discharge cfs	Headwater Existing	Headwater Proposed
Ten-Year	10	70	637.50	636.95
Design	50	154	638.89	638.22
Base	100	207	639.66	638.96
Max	500	333	641.30	640.64

10-Year Velocity through Existing Culvert = 12.2 fps
 10-Year Velocity through Proposed Culvert = 3.9 fps

RANDY J. & TERRY L. HAARS
 STA. 479+36 - 85.00' RT
 1 EA. REMOVAL OF EXISTING STRUCTURE NO.11
 48'-PRECAST CONCRETE BOX CULVERTS 9' X 6'
 26' LT - 22' RT
 # 634.73 - 634.37
 2 EA. BOX CULVERT END SECTIONS, CULVERT NO.04 LT & RT

