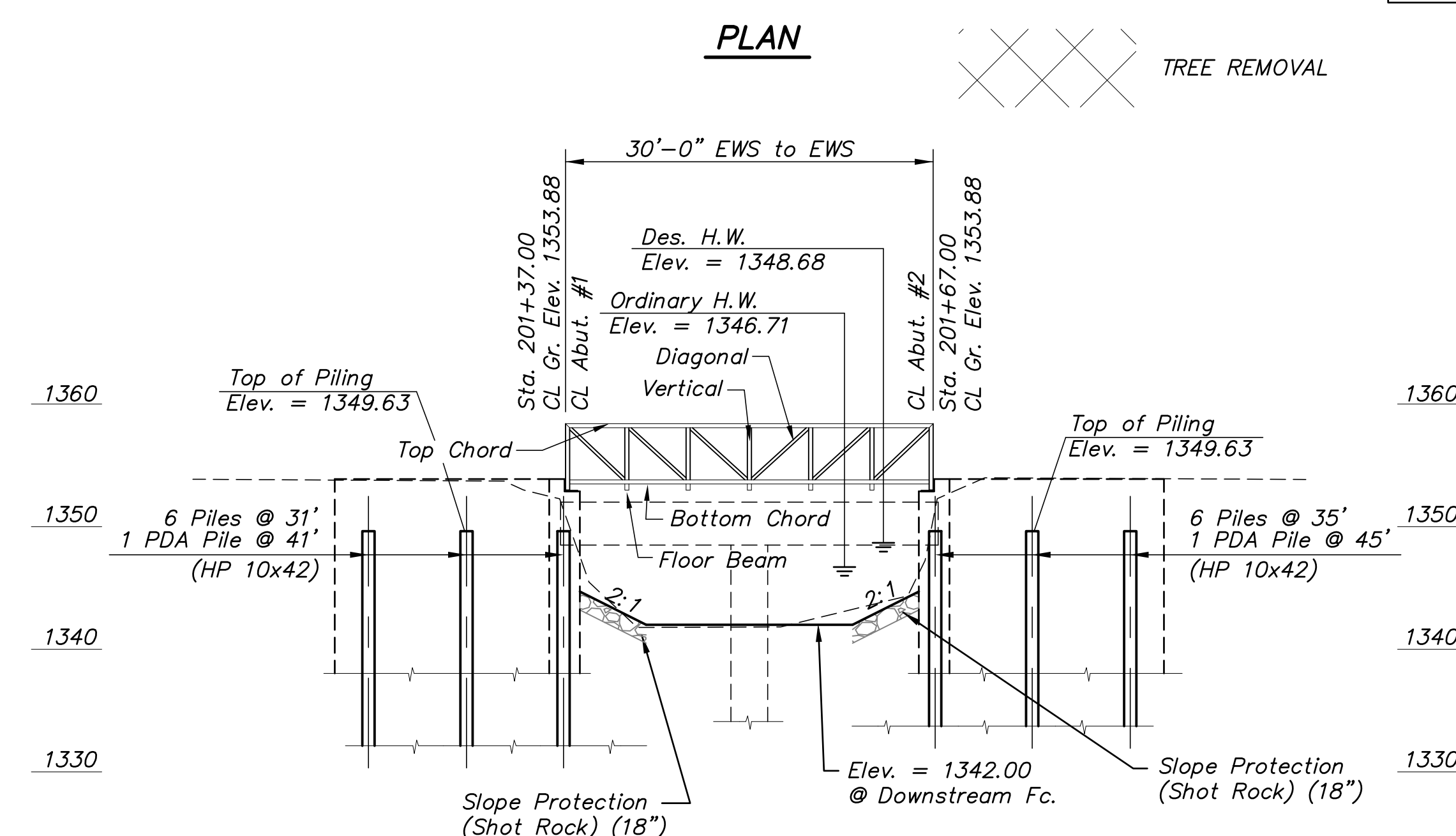
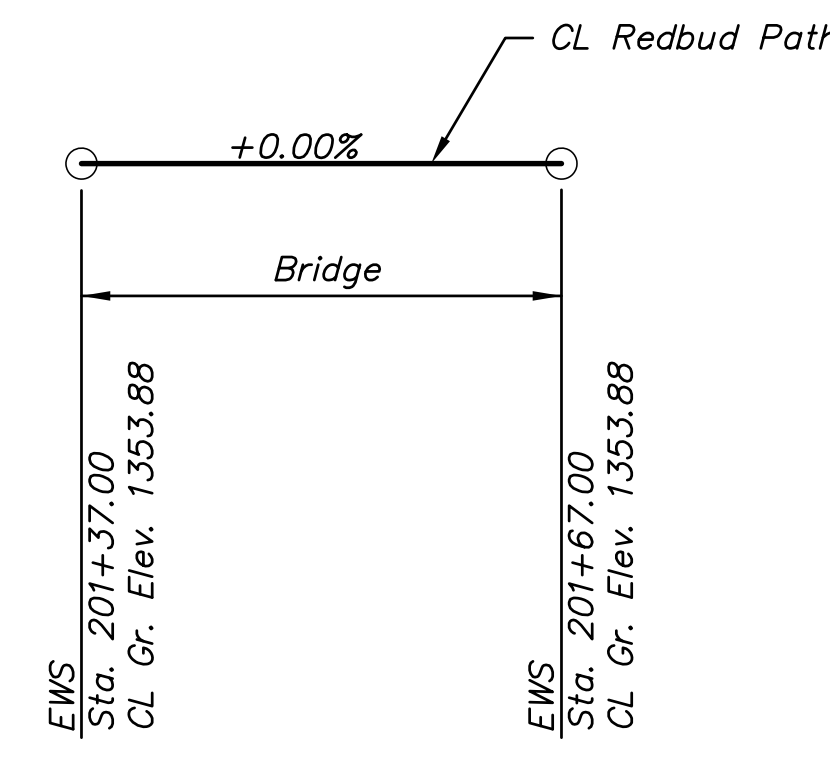
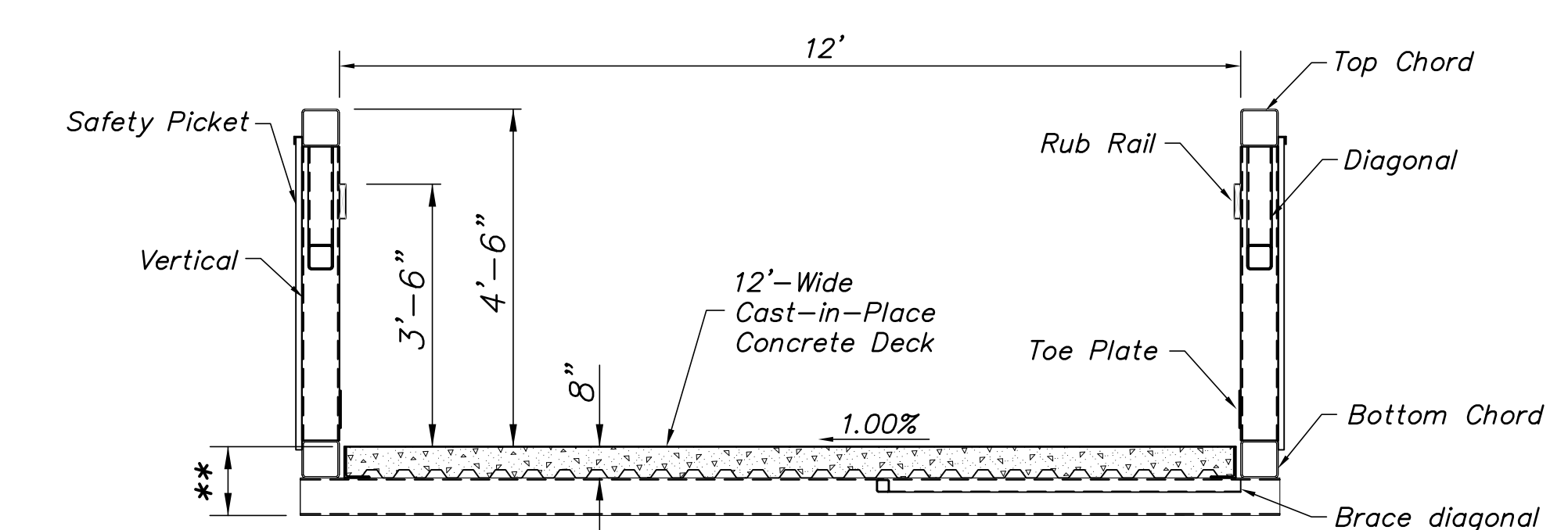


Drainage Area	0.4 Sq. Mi.
Design Frequency	10 Yr.
Design Discharge (Q <sub>10</sub> )	406 cfs
Design Highwater Elevation	1348.68 Ft.
Change in Design Backwater	0.0 Ft.
Design Backwater Elevation	1248.68 Ft.
Overtopping Elev. (Sta. 201+52.00)	1353.88 Ft.
Overtopping Discharge	967 cfs
Overtopping Frequency	> 500 Yr.
Discharge of Q <sub>100</sub>	719 cfs
Change in Backwater at Q <sub>100</sub>	0.0 Ft.
Backwater Elevation at Q <sub>100</sub>	1347.68 Ft.
Historic Highwater Elevation	N/A
Ordinary Highwater Elevation	1346.71 Ft.
Ordinary Highwater Discharge	235 cfs
Total Waterway Provided	359.4 Sq. Ft.
Design Waterway Provided	151.4 Sq. Ft.

● Overtopping occurs at > 100 yr. Frequency on Brookhaven Creek Tributary 3



30' Pre-Fabricated Weathering Steel Truss Bridge  
Conc. U-type Abutments on Pile Bent (Bearing)  
12' Roadway



\*\* Contractor shall coordinate with the bridge manufacturer and adjust beam seat elevation to accommodate the actual depth of the bridge.

REDBUD BIKE PATH K-96 TO 159TH STREET EAST  
CONSTRUCTION LAYOUT  
CITY OF WICHITA, KANSAS  
GARY JANZEN, P.E. - CITY ENGINEER  
C.O.W. Project #172-85360, C.C.A. #107125

POE & ASSOCIATES, INC.  
CONSULTING ENGINEERS  
544 West Douglas Avenue  
Wichita, KS 67203  
Phone 316/685-4114 FAX 316/685-4444

Engineer: M. LETTNER  
Designer: J. UNRUH  
Dwg: P:\02127 Redbud Wichita\DWG\02127-BAS-tal grade.dwg  
Poe Job No: 102127  
Date: APRIL 2018

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