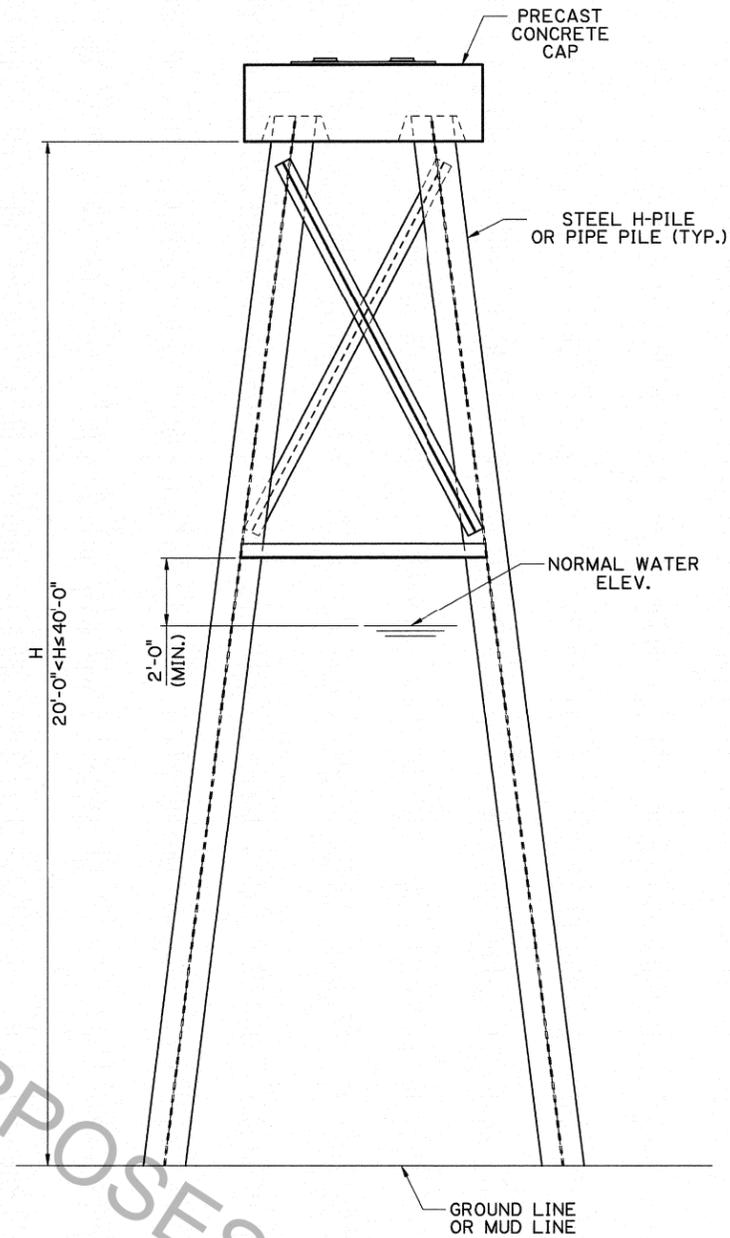


CASE 1
(LOOKING UP STATION)



CASE 2
(LOOKING UP STATION)

NOTES:

THE PURPOSE OF THE TWO FEET MINIMUM CLEARANCE ABOVE THE NORMAL WATER LEVEL IS TO ALLOW THE PASSAGE OF DEBRIS UNDERNEATH THE HORIZONTAL AND SWAY BRACING. IN THE EVENT OF A FLOOD, THE WATER LEVEL MAY RISE ABOVE THE LOWEST MEMBER OF THE HORIZONTAL BRACING.

IF THE EXISTING WATER LEVEL ELEVATION CONFLICTS WITH THE SELECTED BRACING, THEN THE CONTRACTOR MAY PROPOSE REVISIONS TO THE BRACING AND PILE MEMBERS TO THE BRIDGE ENGINEER FOR REVIEW.

"H" DOES NOT INCLUDE SCOUR DEPTH.

PILE LOADS			
BENT CASE	LOAD (TONS)		
	SERVICE		STRENGTH (COMPRESSION)
	PERMANENT LOAD	TRANSIENT LOAD	
1	13	19	51
2	13	32	75
*	0	10	17

* FOR TIMBER PILES "A" THROUGH "F" AT BULKHEAD. SEE BULKHEAD AND GUARD RAIL DETAILS SHEET FOR MORE INFORMATION.



SHEET NUMBER		PARISH		CONTROL SECTION		STATE PROJECT	
DESIGNED J. PELTIER		CHECKED M. HEBERT		REVIEWED K. BRAUNER		SERIES # 4 OF 13	
DETAILS J. PELTIER		CHECKED M. HEBERT		REVISION OR CHANGE ORDER DESCRIPTION		NO. DATE	
BY		DATE		NO.		DATE	
				BENT CONFIGURATION DETAILS AND PILE LOADS			
BD.2.B.2.0.04 STEEL PANEL DETOUR BRIDGE							
BRIDGE & STRUCTURAL DESIGN							