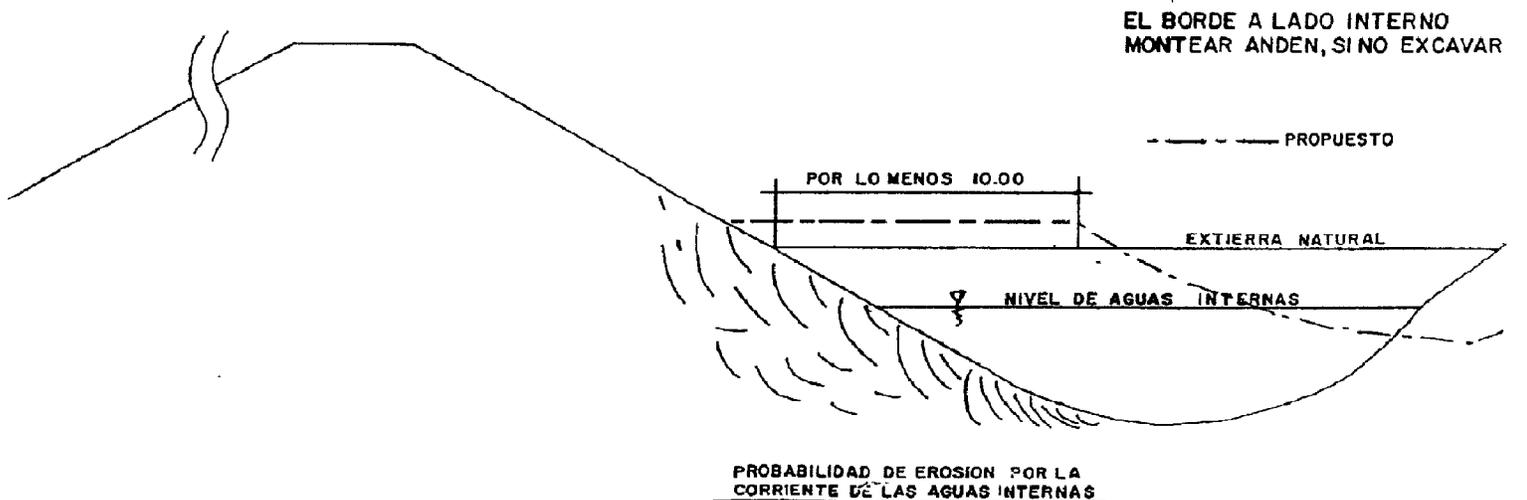
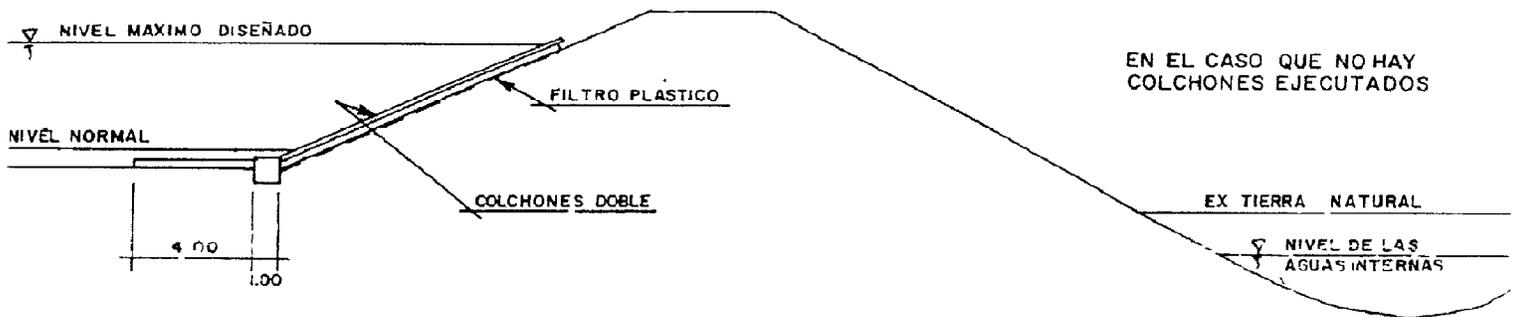
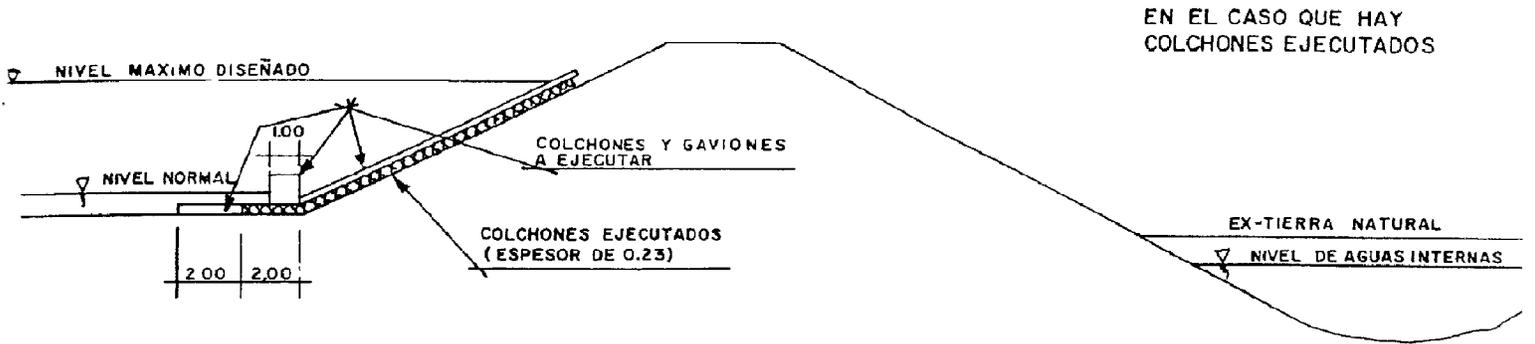


CROQUIS PARA EL DISEÑO DE REVESTIMIENTO DEL BORDO EN EL RIO. CUYAMAPA

CORTE DEL BORDO S=1/250

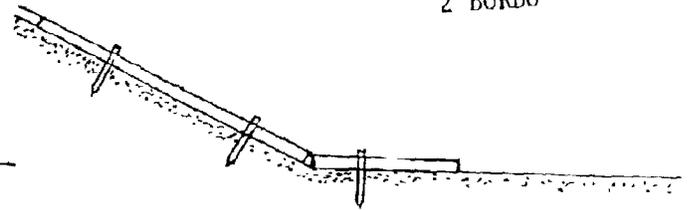


VARIOS TIPOS DE COLOCACION DE GAVIONES -1 S:/100

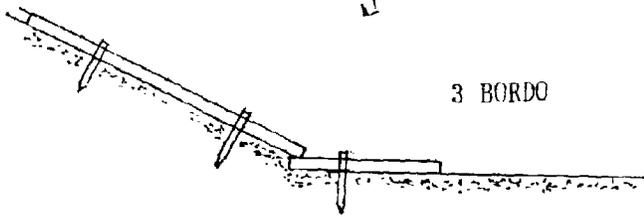
1 BORDO



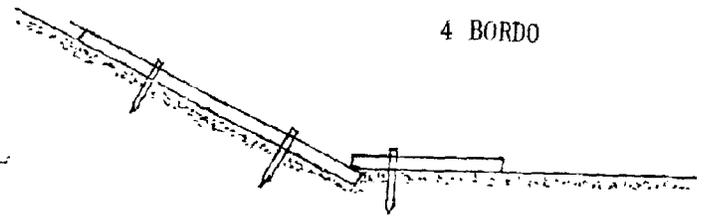
2 BORDO



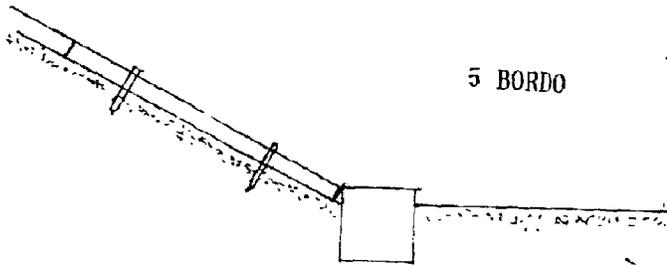
3 BORDO



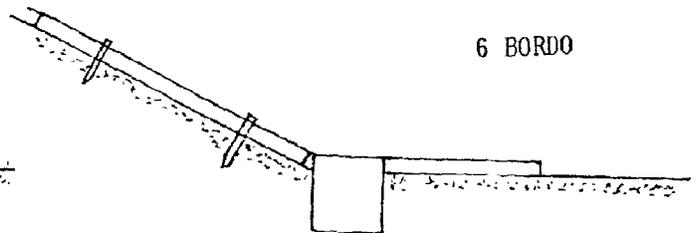
4 BORDO



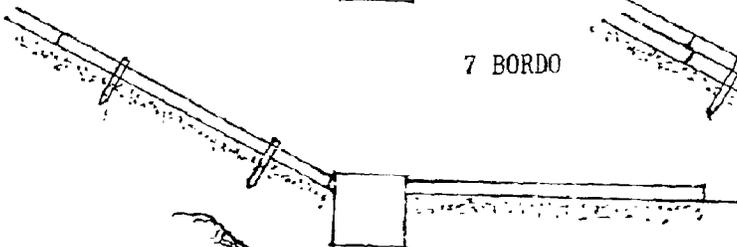
5 BORDO



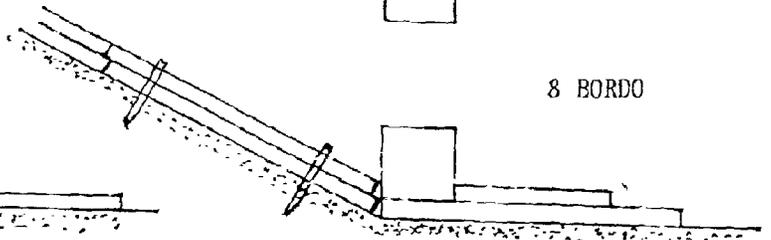
6 BORDO



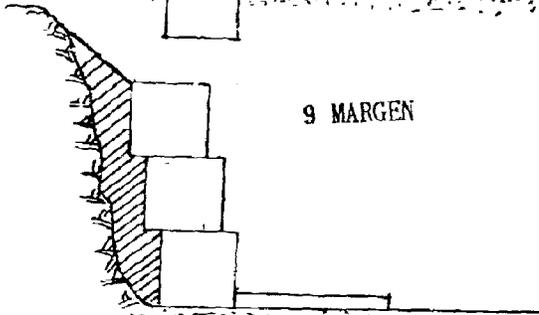
7 BORDO



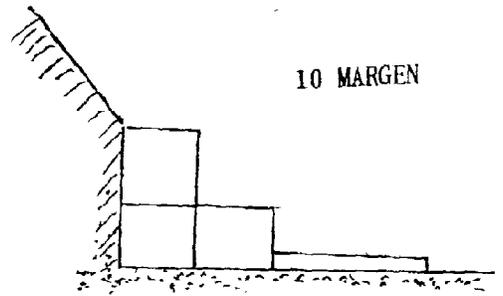
8 BORDO



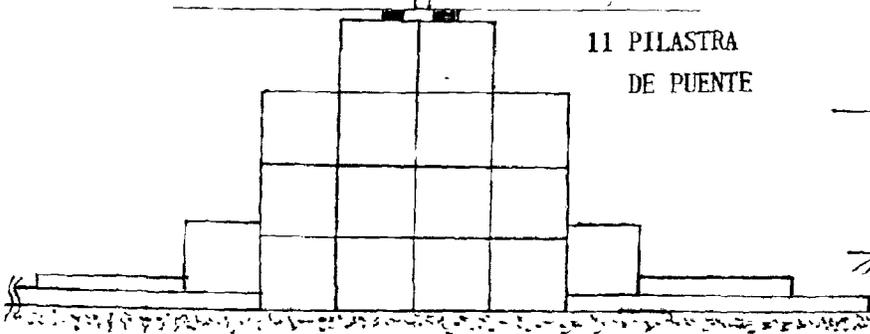
9 MARGEN



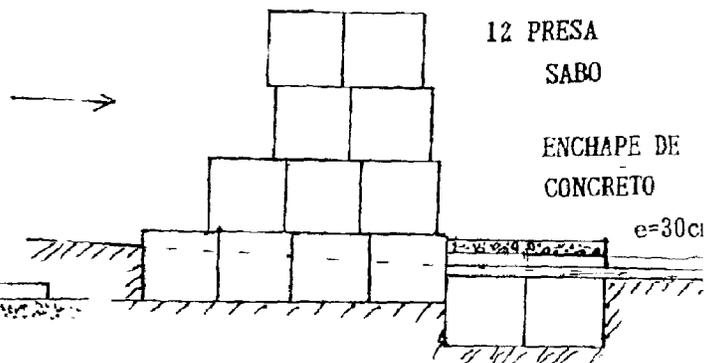
10 MARGEN



11 PILASTRA DE PUENTE

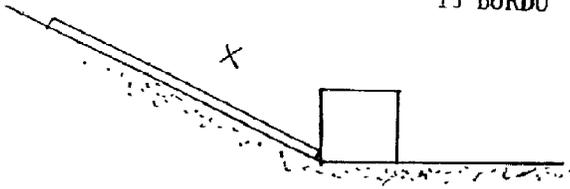


12 PRESA SABO

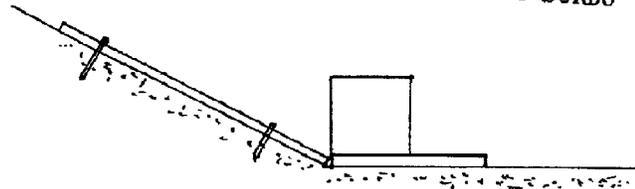


VARIOS TIPOS DE COLOCACION DE GAVIONES-2 S=1/100

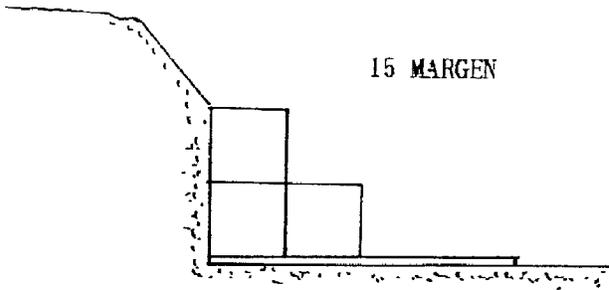
13 BORDO



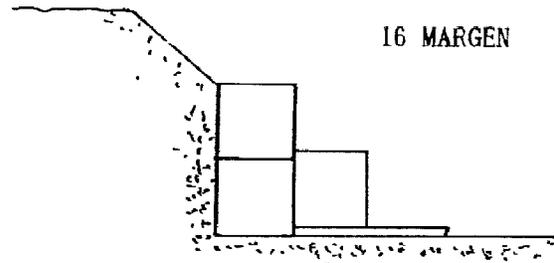
14 BORDO



15 MARGEN

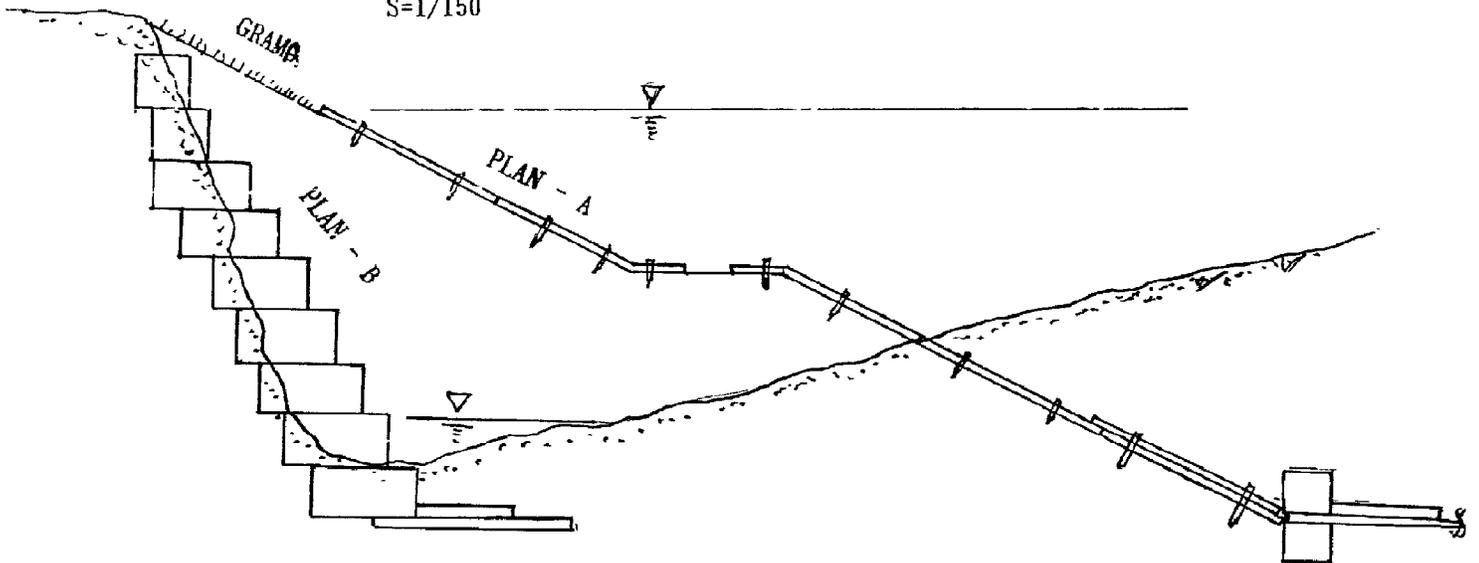


16 MARGEN

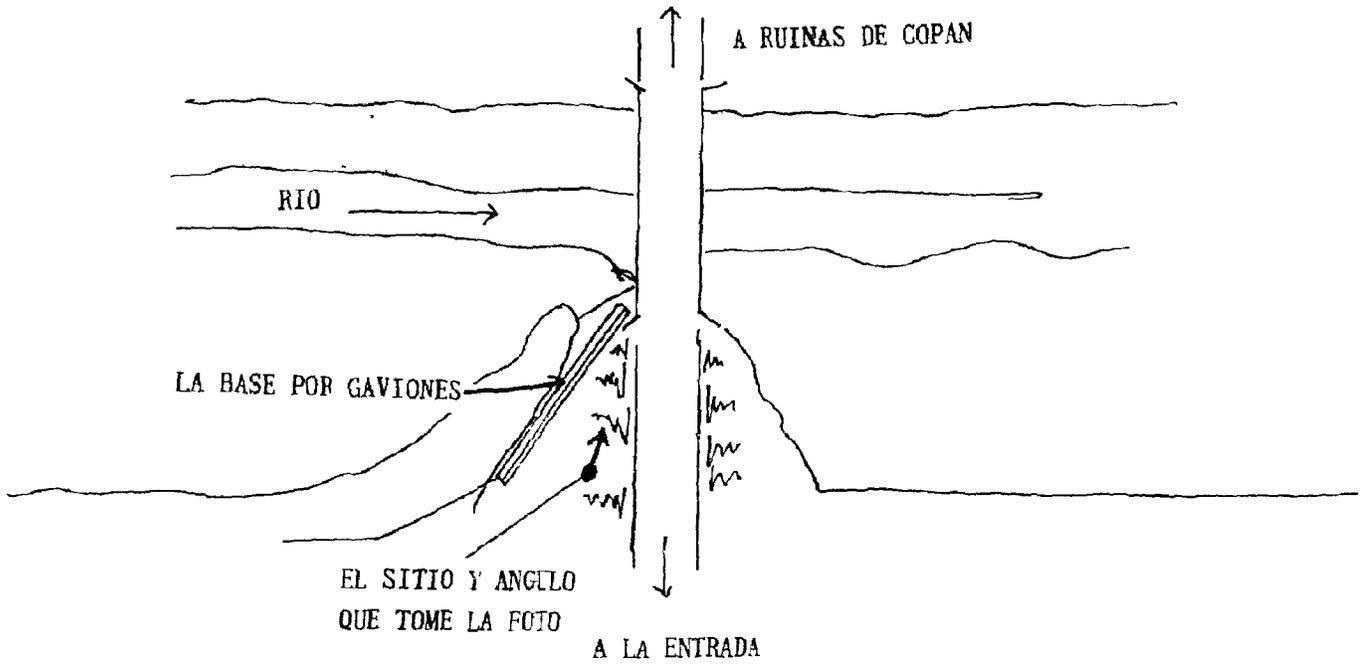


17 MARGEN MUY ALTA

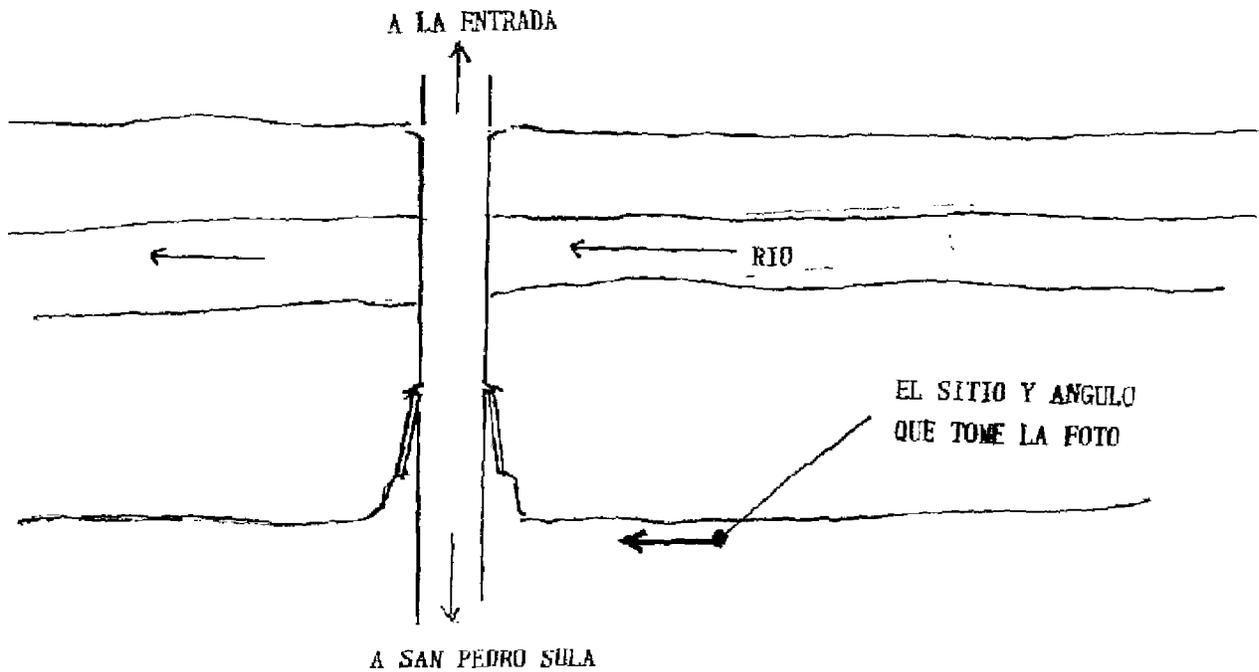
S=1/150

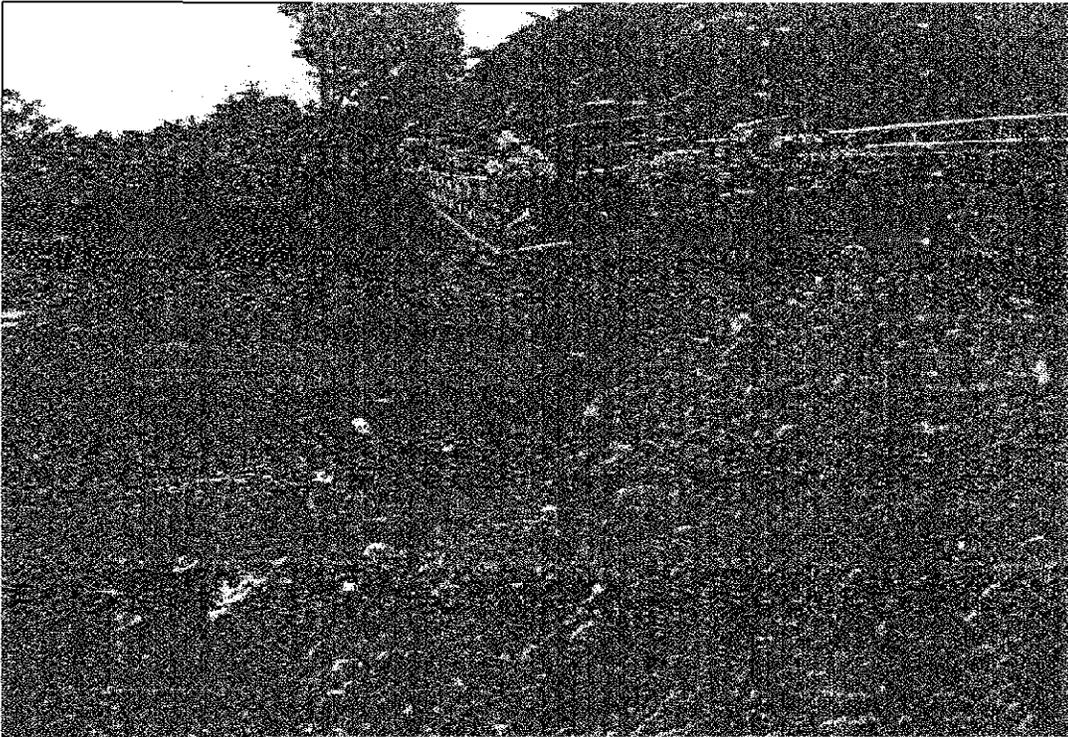


CROQUIS: EL PUENTE TEPEMECHIN

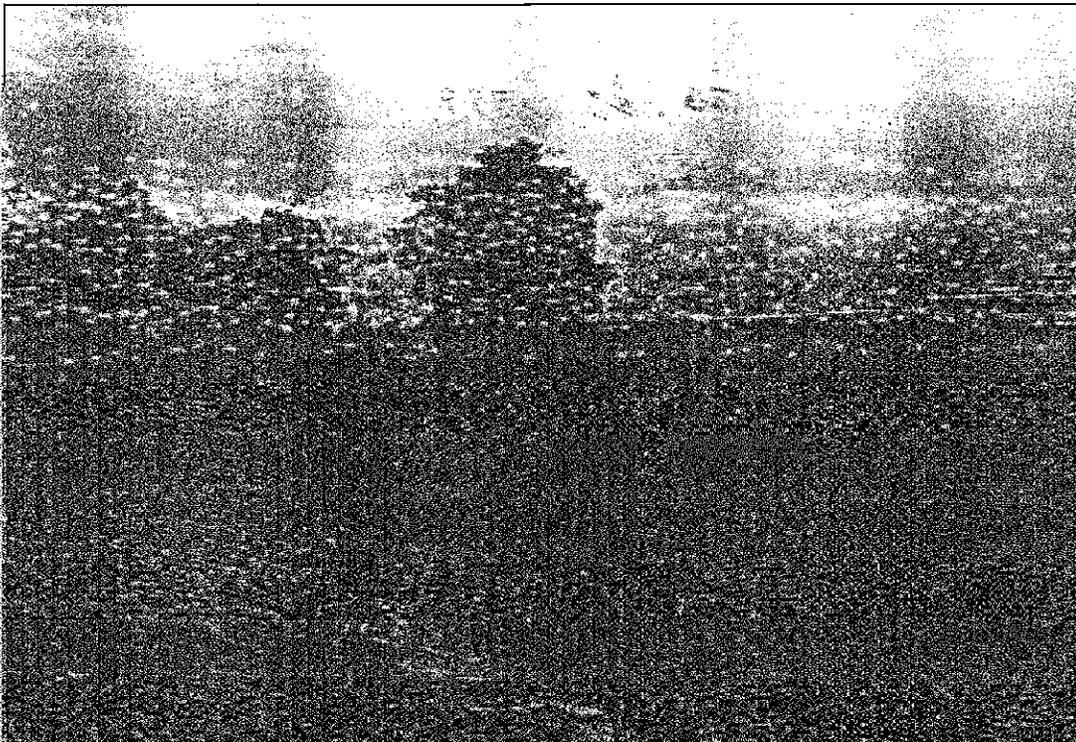


CROQUIS: EL PUENTE ULUPA

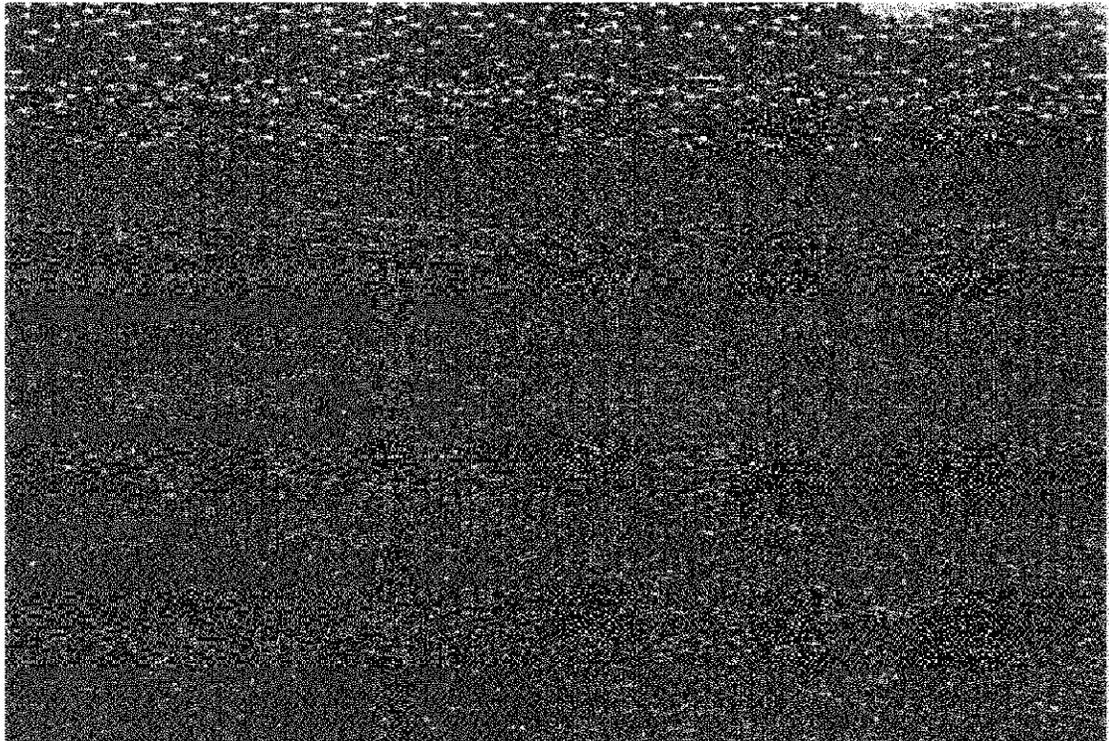
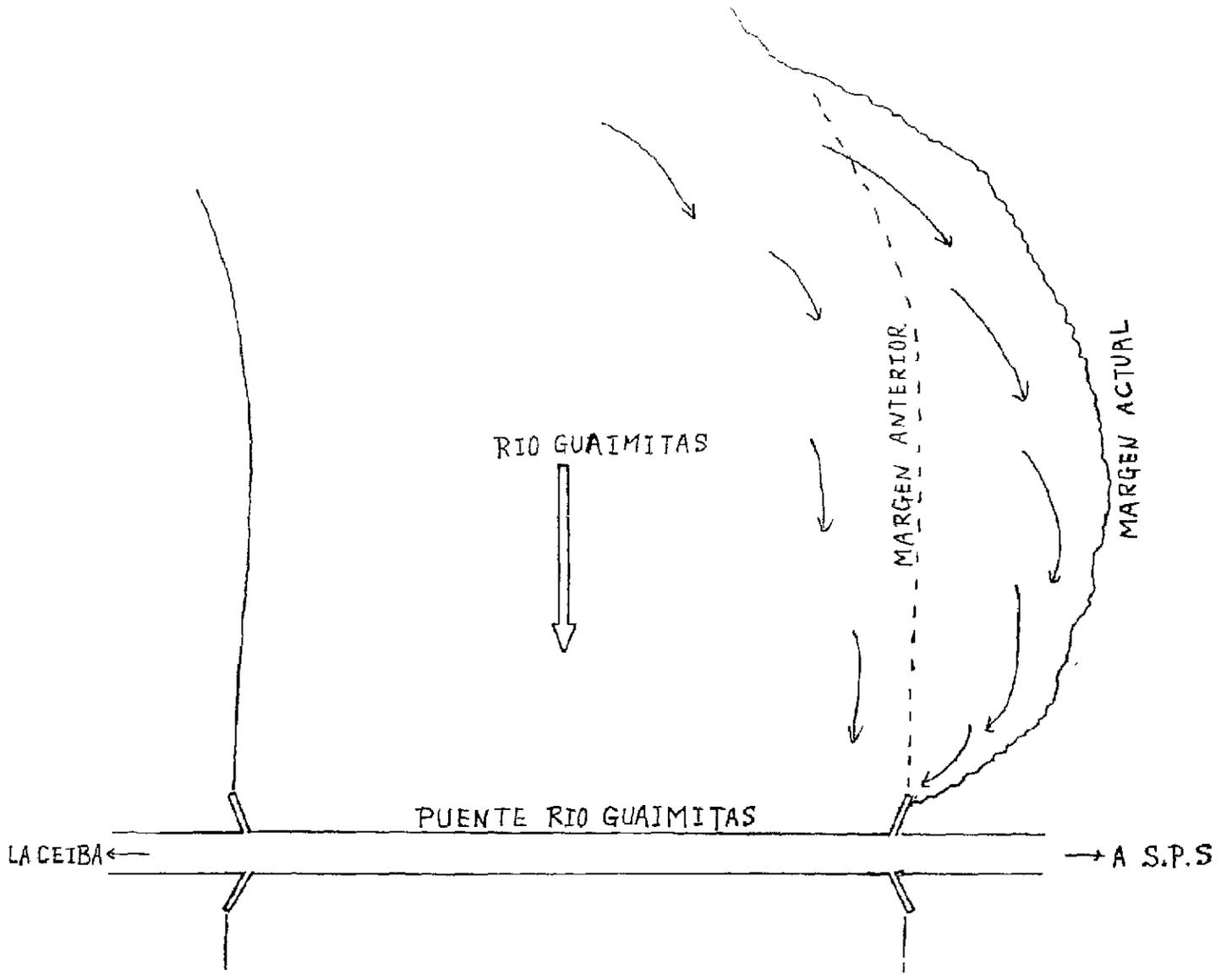




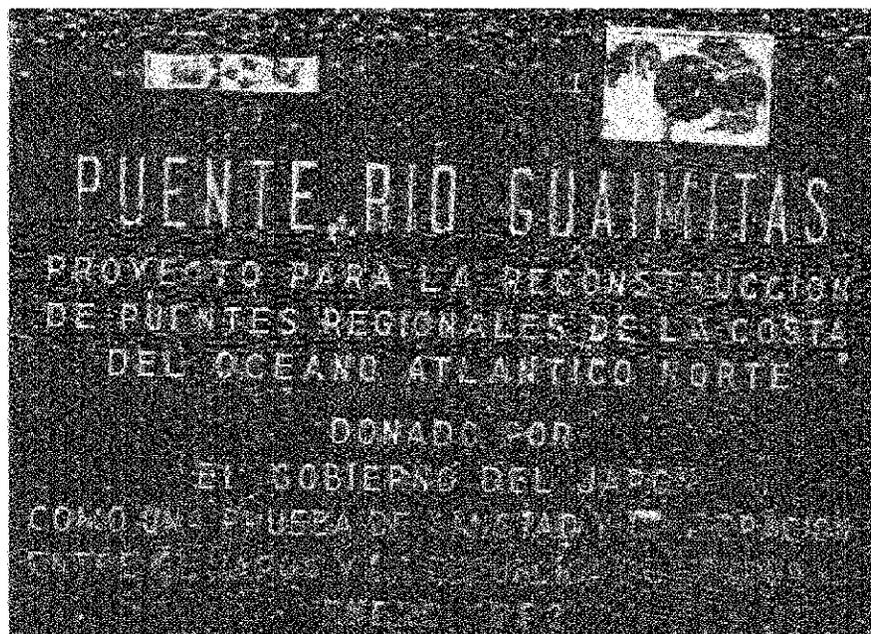
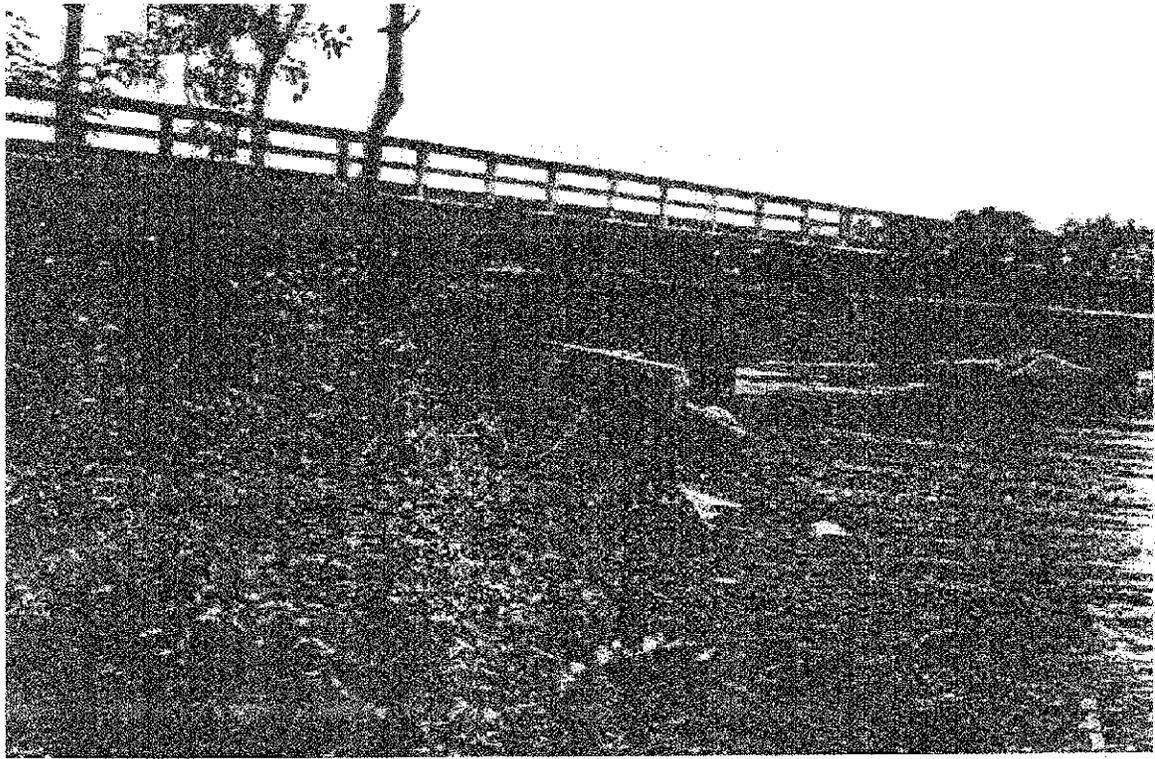
Fecha: 22 de Julio de 1999, Foto: El puente Tepemechin
Vista desde margen derecha al lado de La Entrada hacia margen izquierda
hacia Ruinas de Copan. La aproximación fue erosionada y ahora se está
reparando con revestimiento de gaviones.

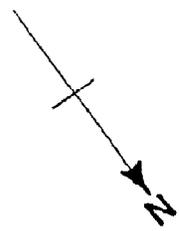
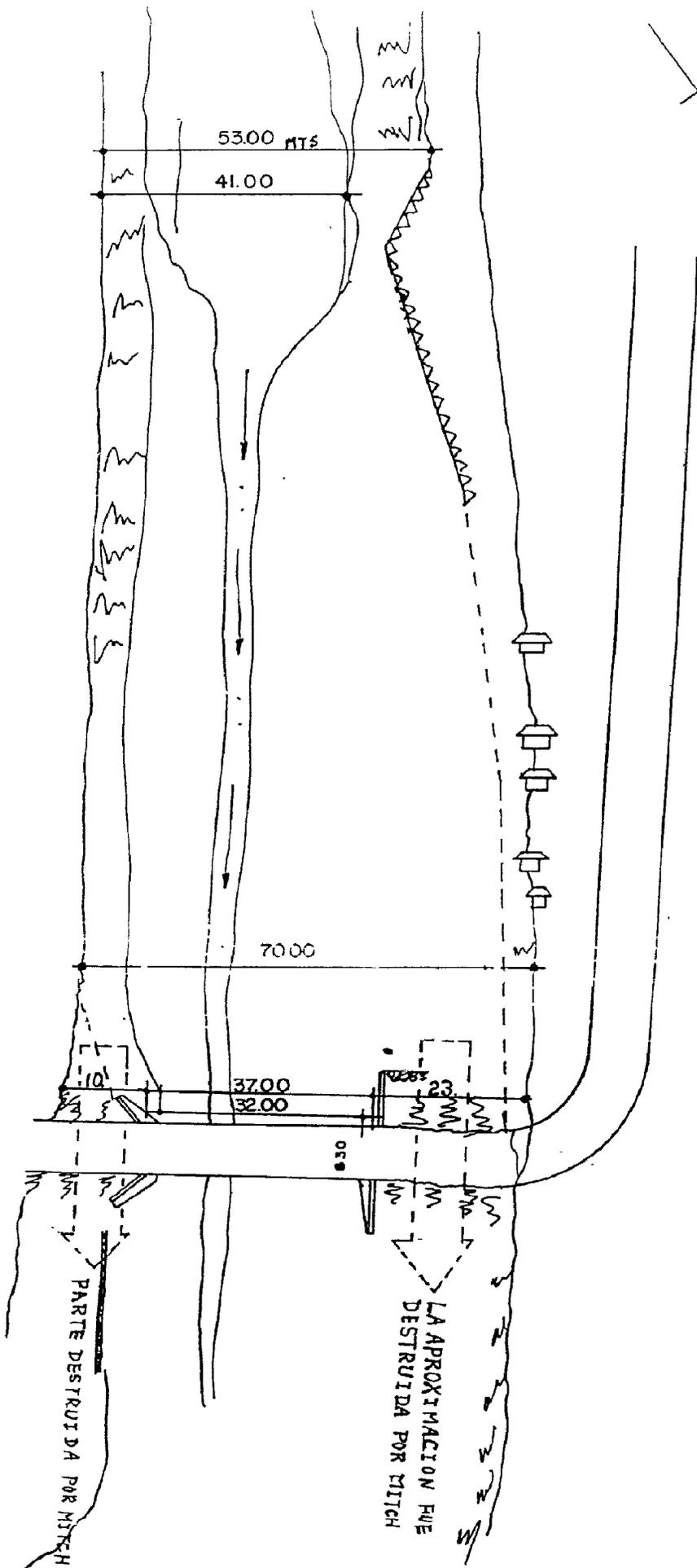


Fecha: 22 de Julio de 1999 Foto: El puente Río Ulupa
La aproximación del puente Ulupa en el lado de San Pedro Sula está 10 metros
salida de la margen izquierda. Le hace falta la longitud del revestimiento de
mampostería y un tramo de transición.

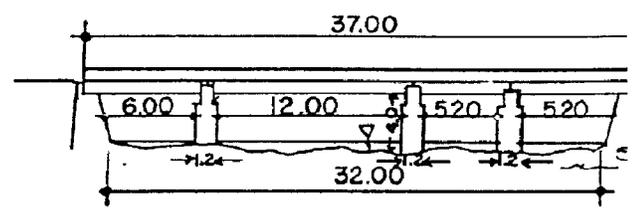


ARRIESGA DESTRUCCION DEL ESTRIBO POR EROSION
DEL RIO GUAMITAS
EL ESTRIBO ESTA A LADO FUERA DE CURVA
DAR MANTENIMIENTO ANTES DE DESTRUCCION





PUENTE LOARQUE
VISTA DE AGUAS ARRIBA



PROBLEMAS

1. EL PUENTE REDUCE EL CAUCE DEL RIO
2. ARRIESGA ROTURA DE APROXIMACION
3. LUZ ES DEMASIADO CORTA
4. CARECE DE CAPACIDAD HIDRAULICA
5. POSIBLEMENTE Poca PROFUNDIDAD DE BASE ENTERRADA
6. ARRIESGA DESTRUCCION DE PUENTE CUANDO VENGA CRECIDA GRANDE.

CROQUIS RIO GRANDE, PUENTE LOARQUE S/E