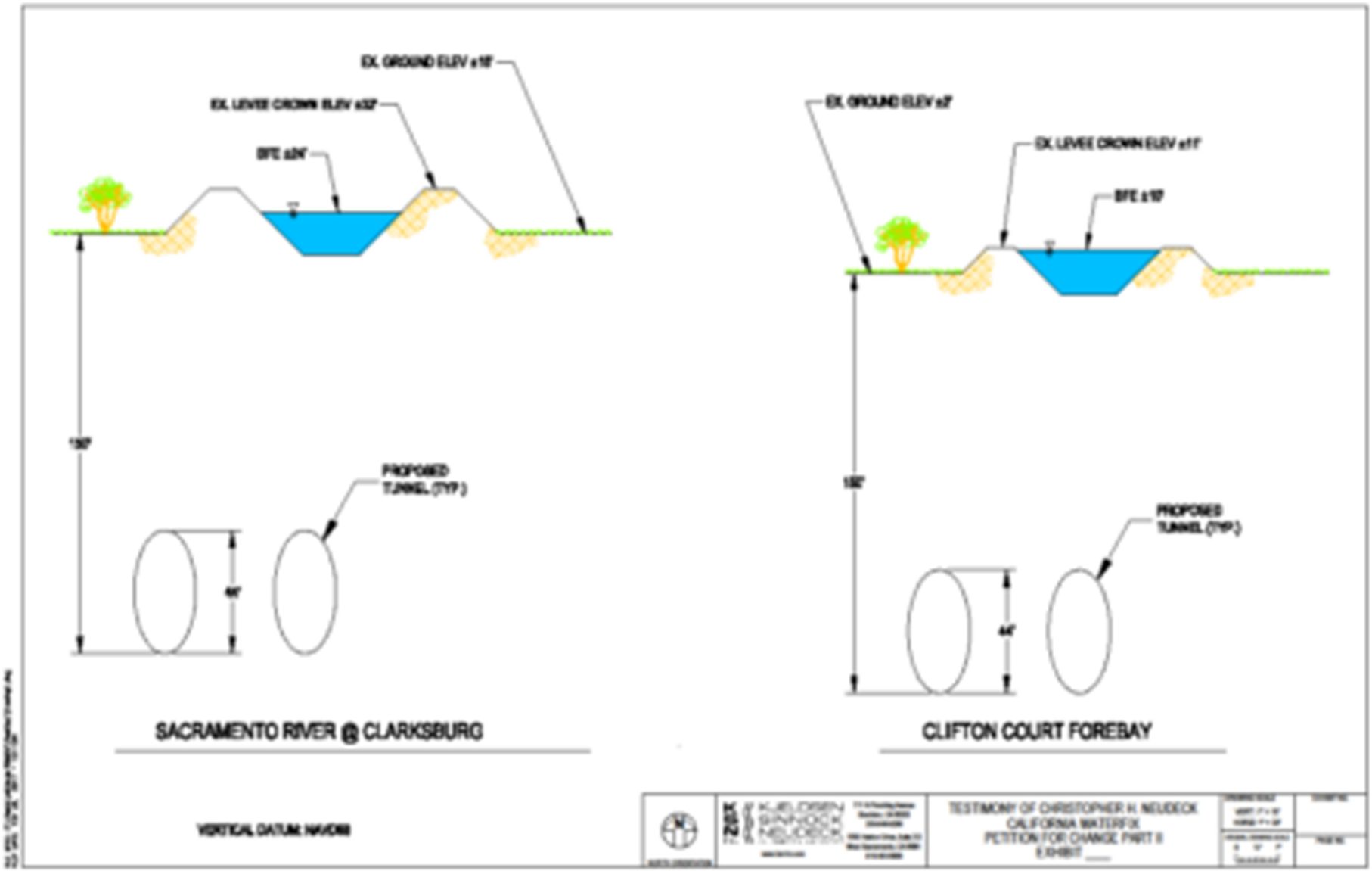HEAD DIFFERENCE IN TUNNEL BETWEEN INTAKE AND DISCHARGE