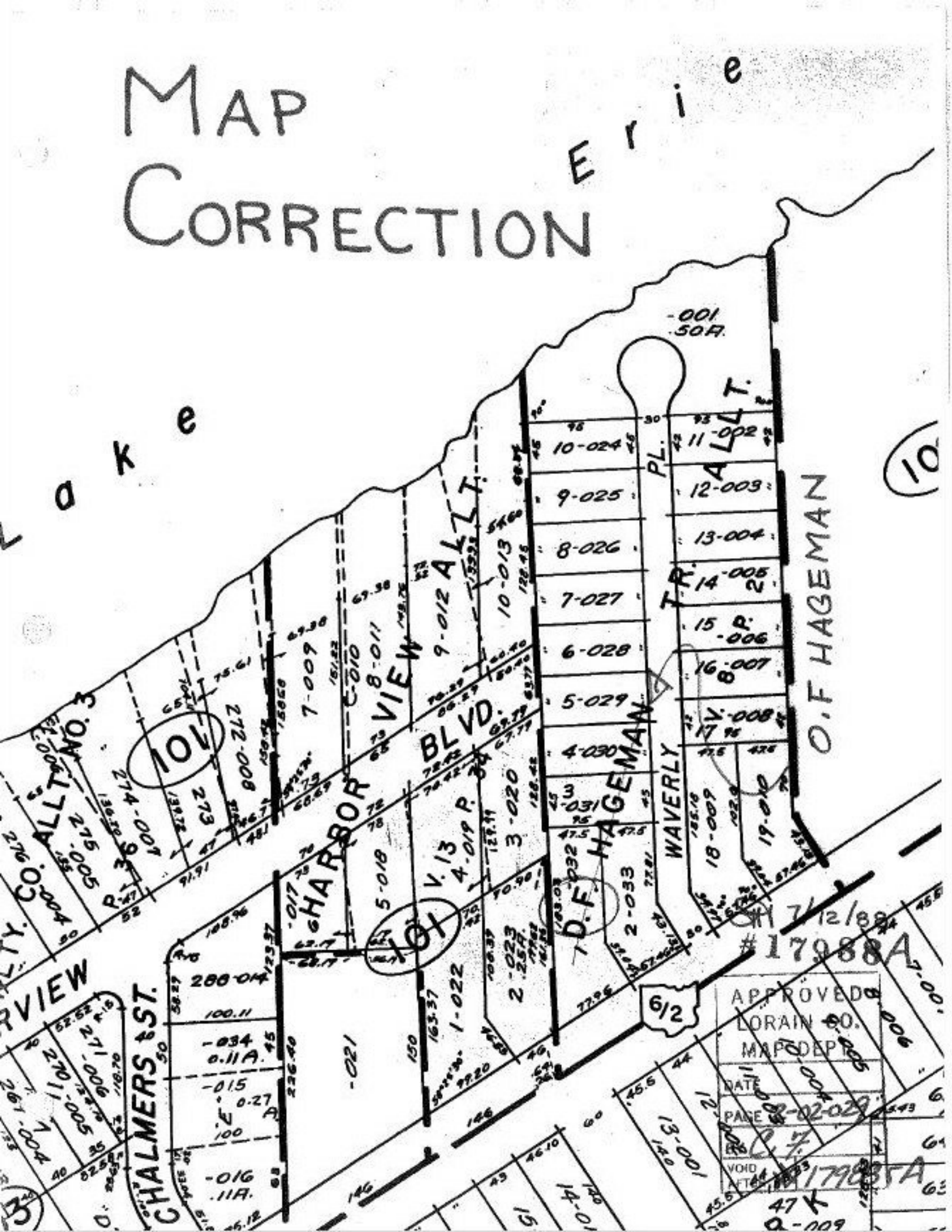MAP CORRECTION