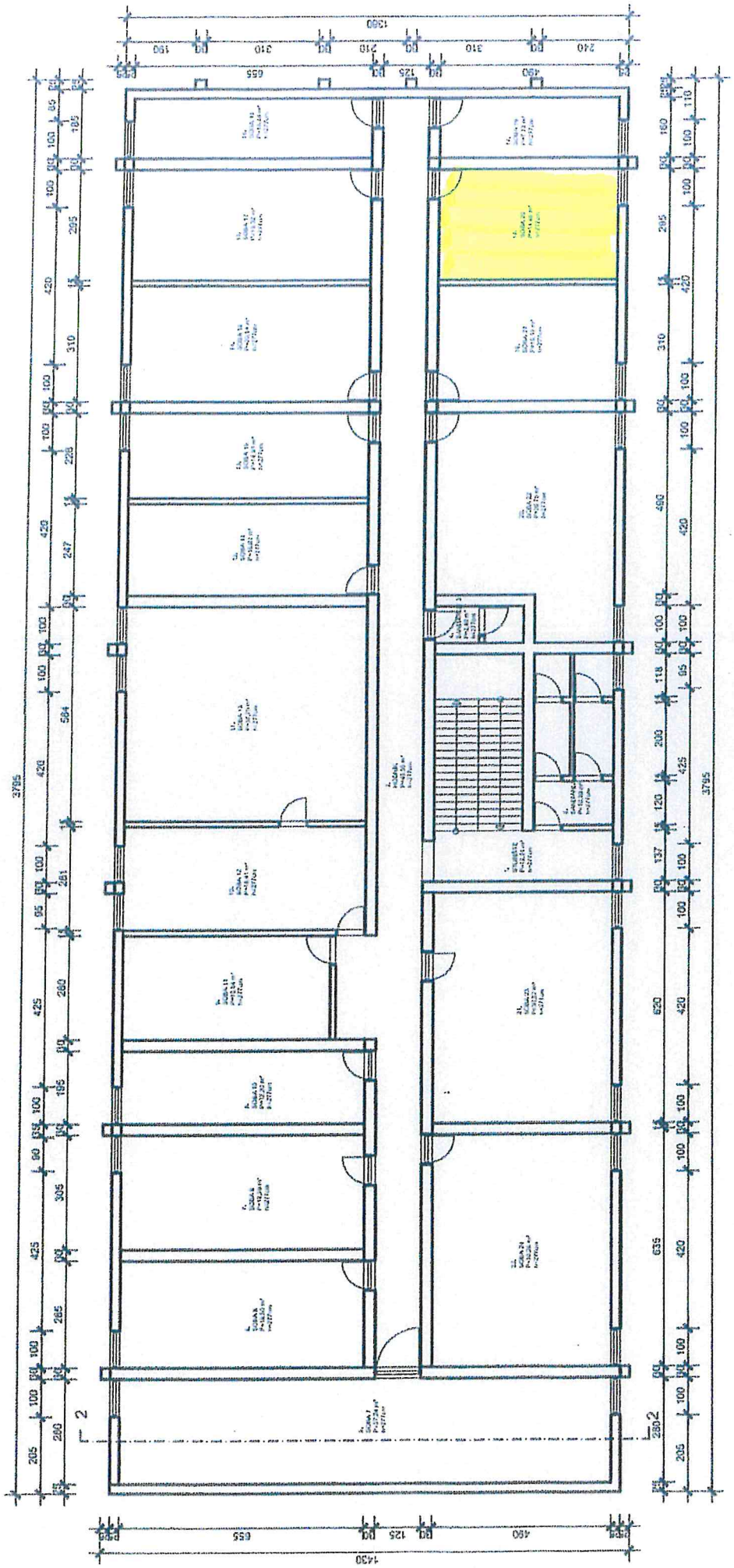TLOCRT KAT 4