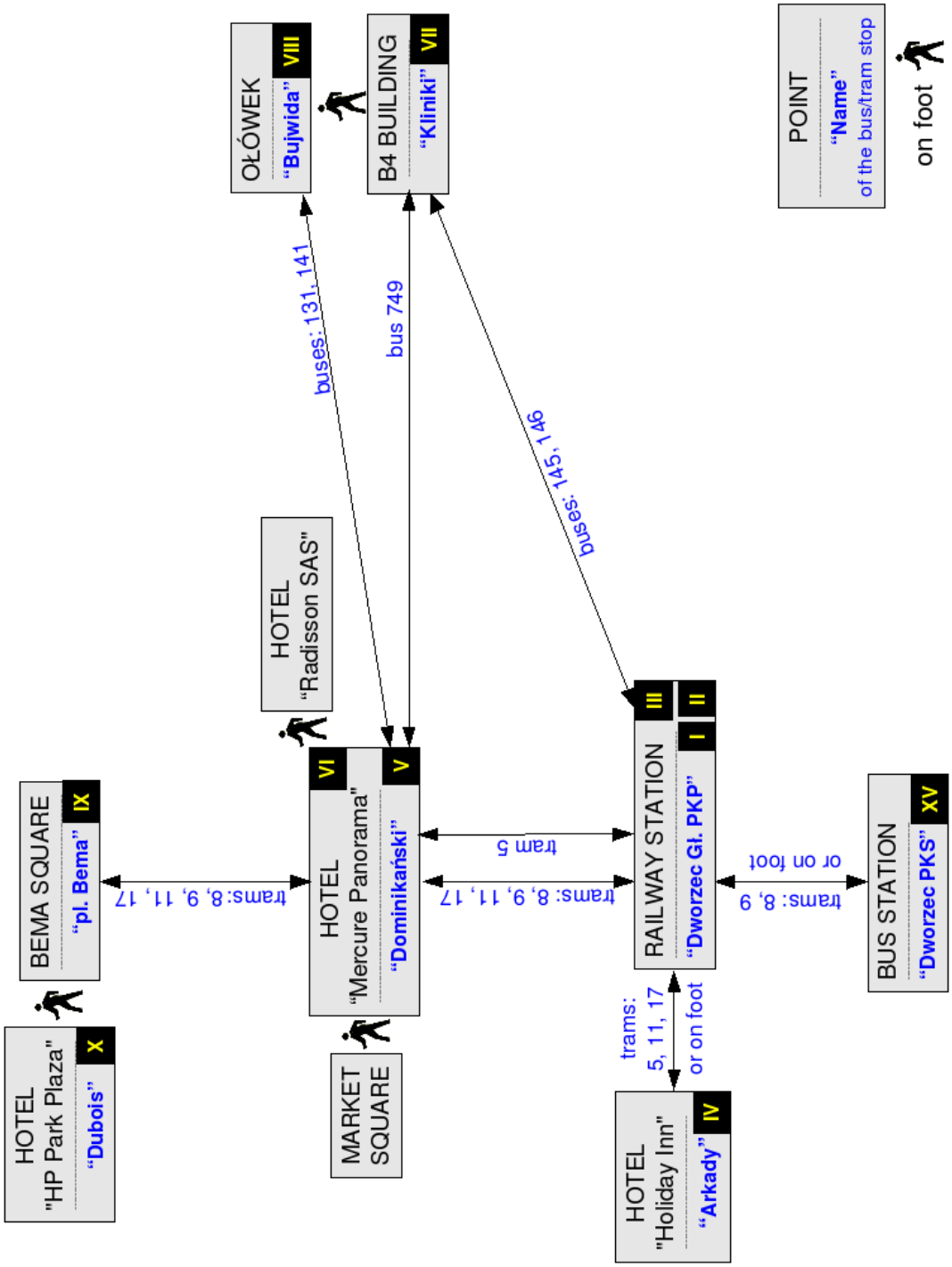Wrocław communication scheme