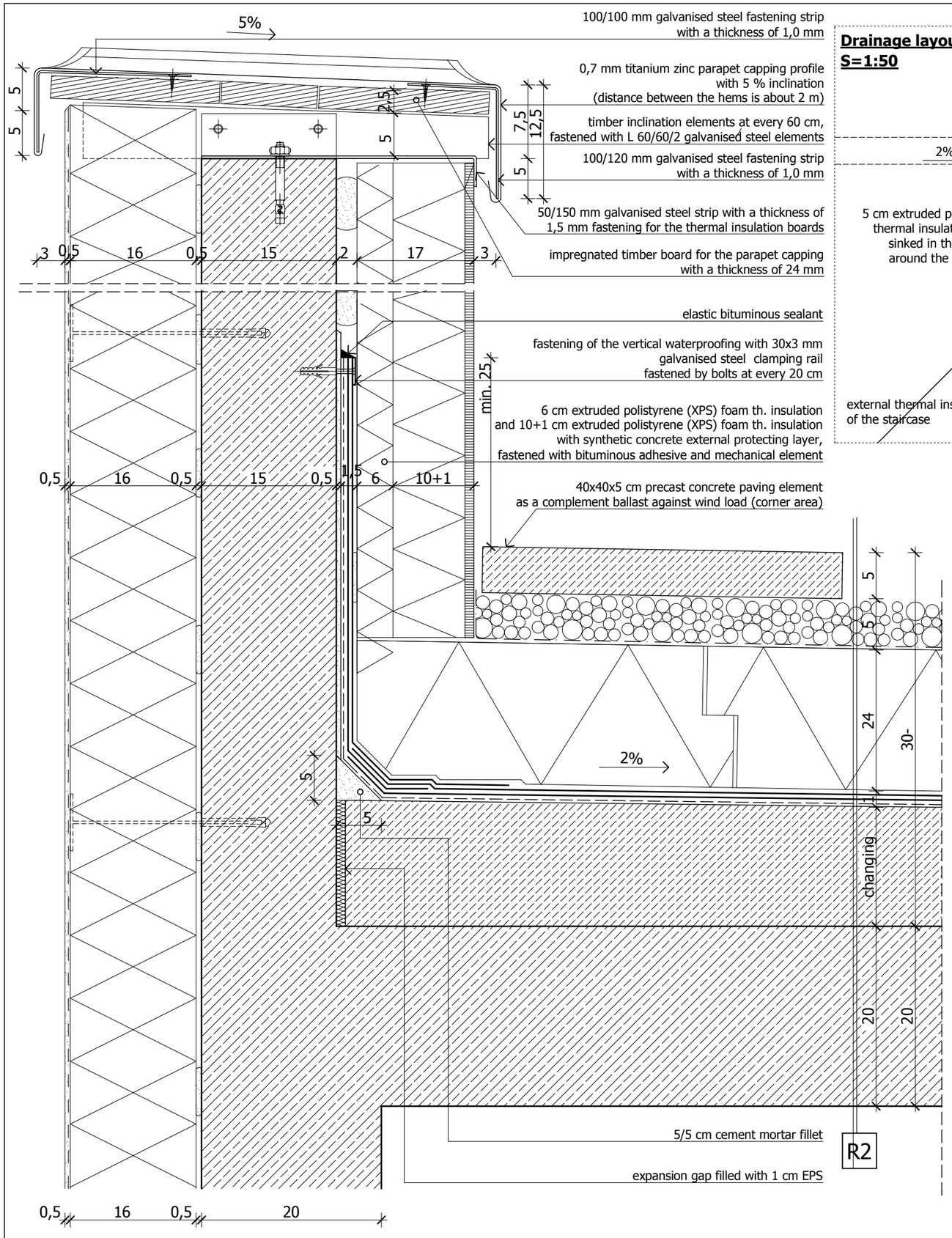
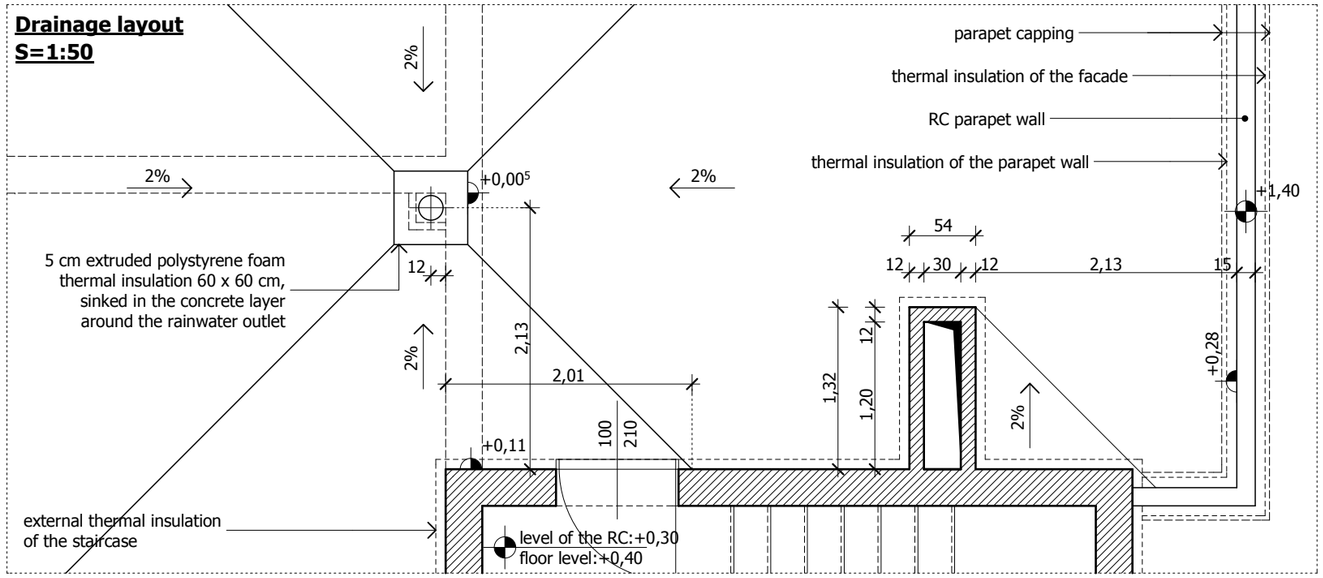
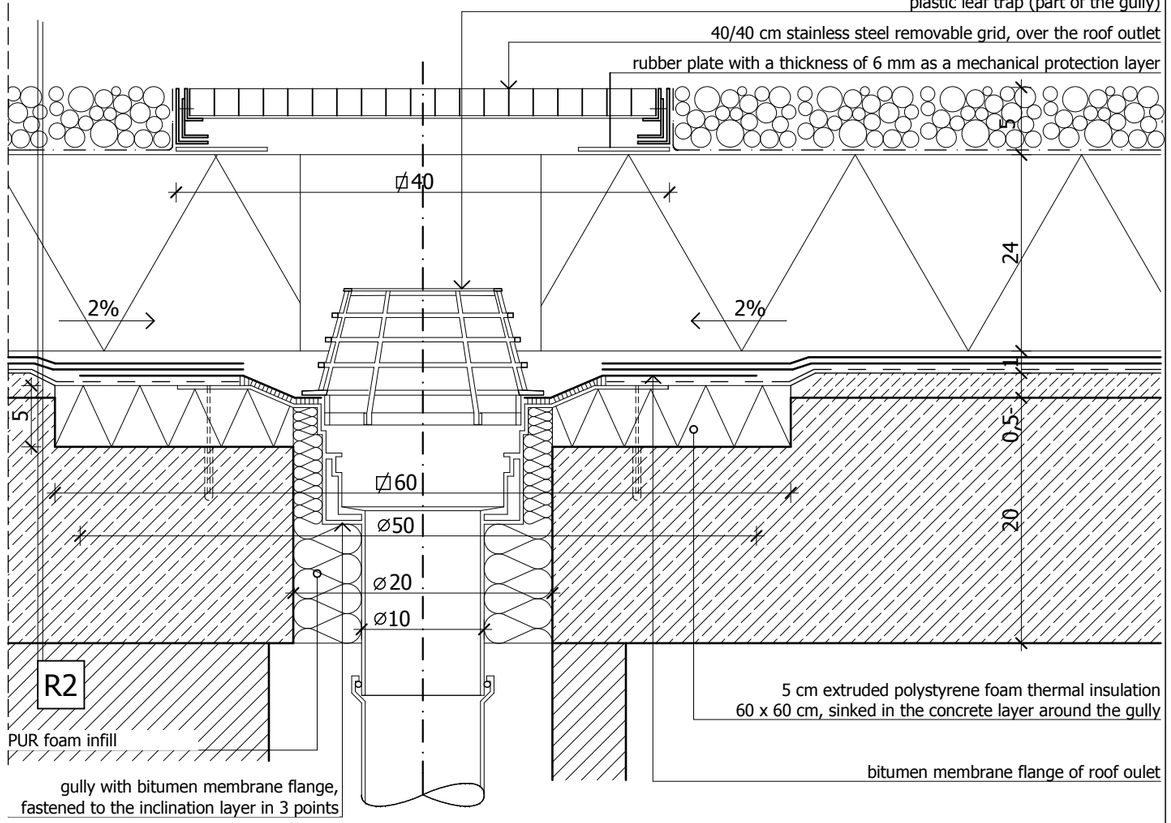




R2 layers:

5 cm	Ø16-32 mm gravel ballasting and protecting layer
1 layer	synthetic filter with specific density of 125 g/m^2
20 cm	extruded polystyrene foam (XPS) thermal insulation, with staggered joints
1 layer	4 mm modified bitumen waterproofing membrane (polyester fibre reinforced), fully bonded by torch applied welding
1 layer	4 mm modified bitumen waterproofing membrane (glass fibre reinforced), fully bonded
1 layer	cold bitumen patching compound (about 300 g/m^2)
4- cm	concrete inclination layer (substructure), expansion joints at every 50m^2
20 cm	monolithic reinforced concrete floor slab



BME EPSZERK	**BUILDING CONSTRUCTIONS 4.**	**WORKSHOP EXCERCISE NO 2.**	**INVERTED FLAT ROOF WITH RC. STRUCTURE**	**26-09-2019**