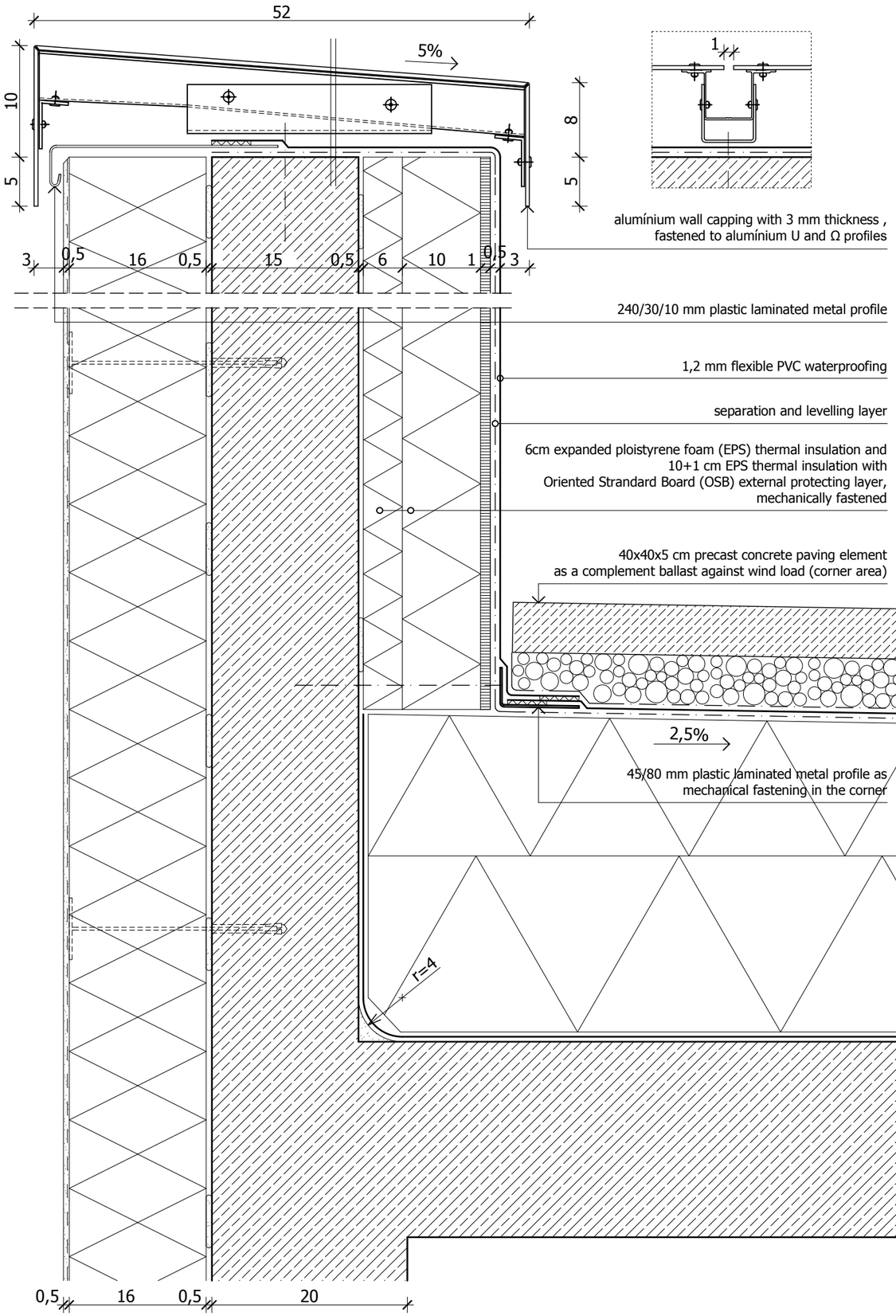
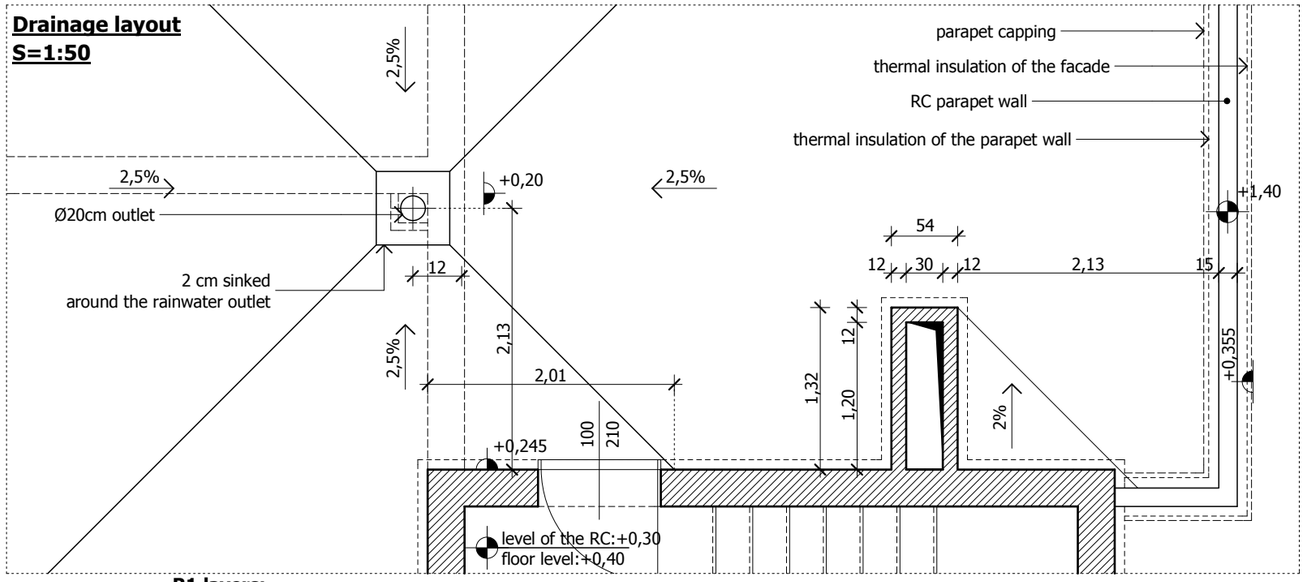
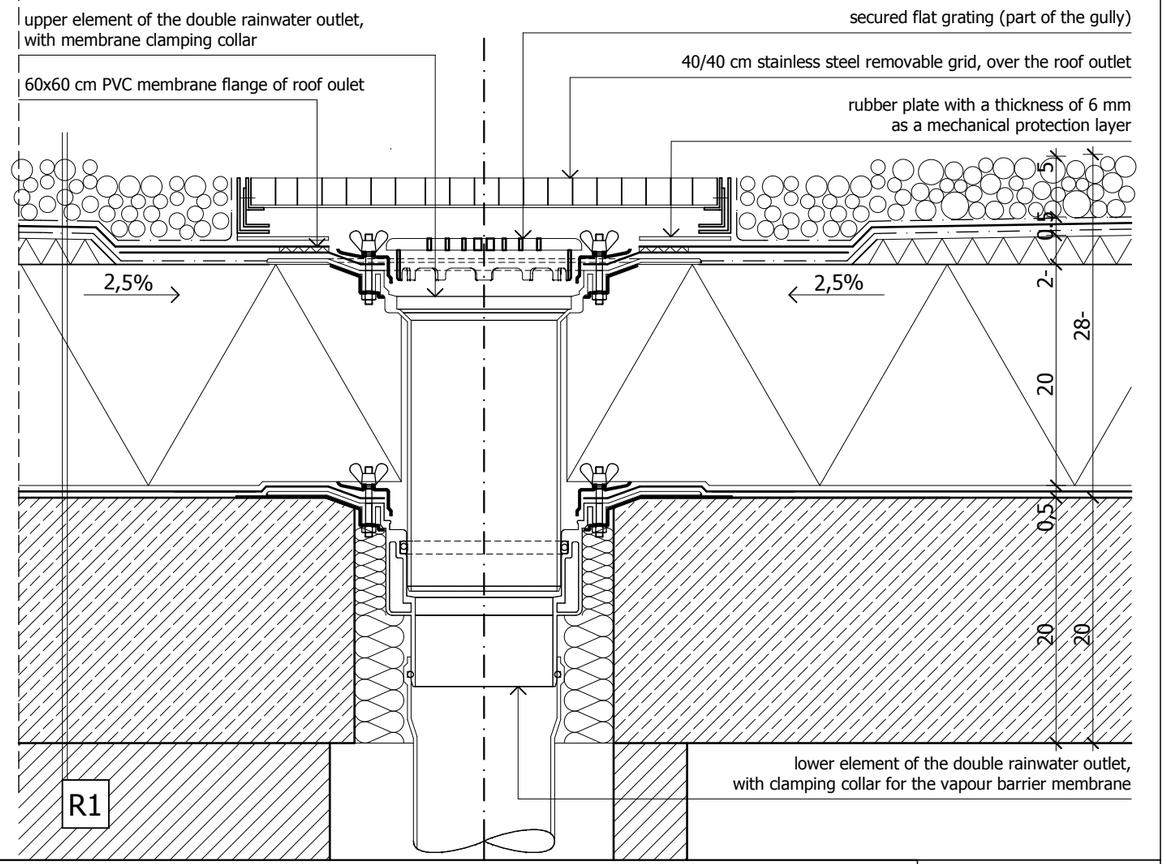




R1 layers:

5 cm	Ø16-32 mm gravel ballasting and protecting layer (against wind uplift forces)
1 layer	synthetic filter with specific density of 125 g/m2
1 layer	1,2 mm flexible PVC waterproofing, in 8 cm overlapping 3 cm hot air welding
1 layer	separation and levelling layer (polyester), loose laid and adjoining sheets must overlap at least 50 mm.
2- cm	expanded polysterene foam (EPS) inclined, substructure
20 cm	expanded polystyrene foam (EPS) thermal insulation
1 layer	3,0 mm modified bitumen vapour barrier membrane (aluminium foil reinforced), fully bonded
20 cm	monolithic reinforced concrete floor slab



BME ÉPSZERK	**BUILDING CONSTRUCTIONS 4.**	**WORKSHOP EXCERCISE N^{O} 2.**	**CONVETIONAL FLAT ROOF WITH RC. STRUCTURE**	**26-09-2019**