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ABOUT THE POSSIBILITY OF REDUCING THE CROSS SECTION OF THE STEEL JOISTS BY INCORPORATION OF ITS JOINT WORK WITH ITS MONOLITHIC REINFORCED CONCRETE SLAB

It is described the variant of the definition of the bearing capacity of composite steel concrete slab reserve as an example the possibility of the secondary beam replacing of the main project. It is made in the form of a welded I-beam 398×6×200×12 mm on the I-beam №36 of hot-rolled profile with the collaboration of monolithic reinforced concrete slabs with a thickness of 150 mm, arranged by an nonremovable steel professional flooring №57-0,7 which is connected to the steel beam by welding the studs type KB 16×125, according to «Nelson» technology.

Keywords: *steel beams, anchors studs, concrete, armature, slabs.*