SUPPORT BEAM STRUCTURE CAPABLE OF EXTENDING SPAN AND REDUCING HEIGHT OF CEILING STRUCTURE AND INSTALLING METHOD THEREOF

ABSTRACT

Disclosed are a support beam structure capable of extending a span and reducing a height of a ceiling structure and an installing method thereof. The support beam structure includes an H-beam extending in a longitudinal direction, an inclined extension part fastened to a lower surface or a side surface of the H-beam and inclined in such a way as to flare at an upper end thereof, a reinforcing part for reinforcing the inclined extension part, a deck placed on an upper end of the inclined extension part, and a concrete layer for filling a top of the inclined extension part, a top of the H-beam, and a top of the deck.

FIGURE 2B