

CONSTRUCTION METHOD FOR LARGE UNDERGROUND SPACE AND OUTER
SHELL SHIELD LUNCHING BASE

ABSTRACT

5 There is provided a large underground space constructing method which
includes a construction process of simultaneously constructing two circular section
circumference shield tunnels (10A) and (10B) with an interval therebetween, along a
circumferential direction E, around a main shield tunnel (11) and a ramp shield tunnel
(12), a construction process of constructing a plurality of adit tunnels (102) for
10 connecting the adjacent circumference shield tunnels (10A) and (10B) to each other
along the circumferential direction E with the interval therebetween, and a construction
process of boring a plurality of outer shell shield tunnels (13) by using the plurality of
circumference shield tunnels (10A) and (10B) and the plurality of adit tunnels (102) as a
launching base under the ground (15).

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(fig. 2)