

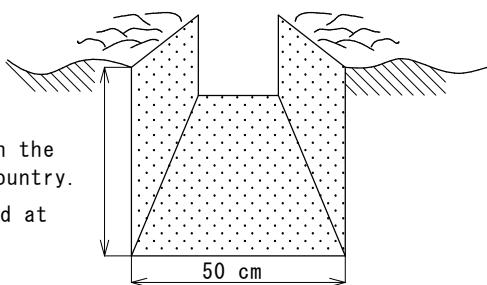
BIO SAN-EARTH Horizontal Method Construction Procedure

1) Soil excavation

At the BIO SAN-EARTH construction site, dig a trench 50 cm wide.

Follow the regulations of each country regarding the depth of the trench.

Make the bottom of the trench as flat as possible.



Depth shall comply with the regulations of each country.

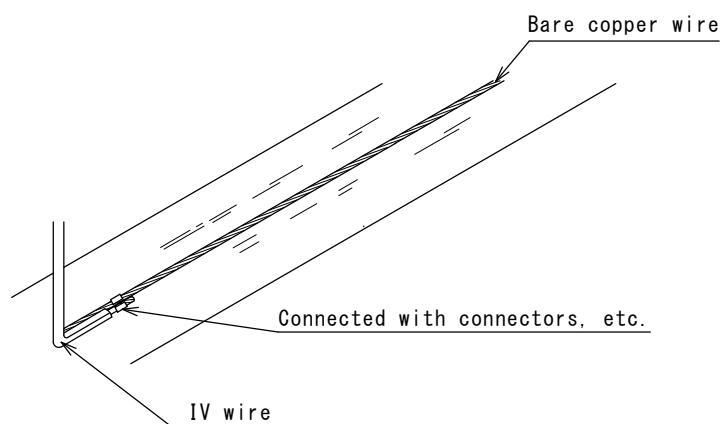
※In Japan, it is buried at a depth of 75 cm.

2) Bare copper strands

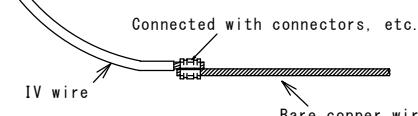
Lay bare copper strands in the center of the excavated soil.

3) Connecting I V Wire

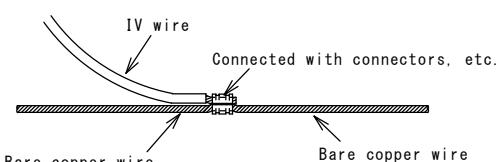
Connect the bare copper wire and IV wire using connectors, etc.



Straight section connection



Branch connection

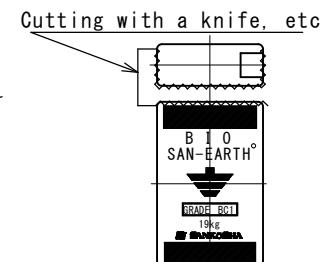
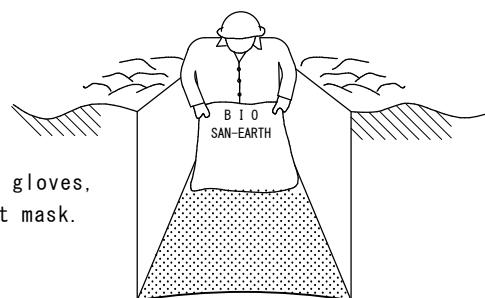


4) Laying BIO SAN-EARTH

Cut open the top of the bag with a knife or similar tool, spread the bag open, and lay it so that it covers the entire excavation trench.

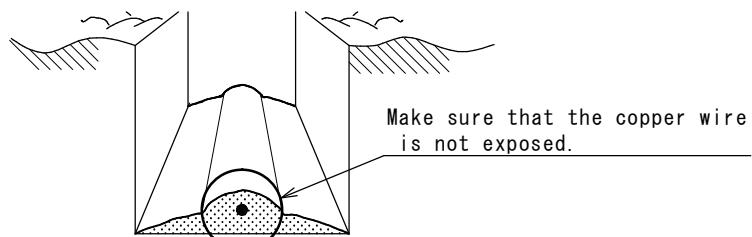
Not only bare copper wire, but also IV wire should be laid so that it is wrapped in BIO SAN-EARTH for about 20 cm.

BIO SAN-EARTH can be installed in one bag for about 3 m.



5) Shaping BIO SAN-EARTH

Gather the BIO SAN-EARTH toward the center so that the bare copper wire is not exposed. Lightly lift the laid bare copper wire and make sure that the wire is completely covered with BIO SAN-EARTH.

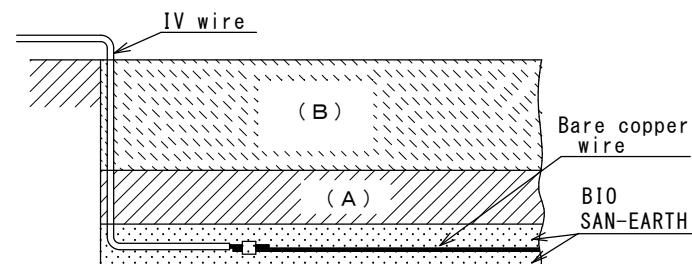
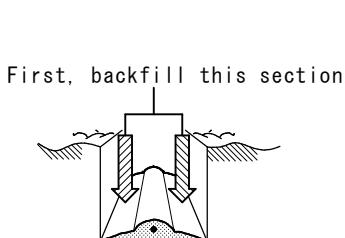


6) Backfill

To prevent the BIO SAN-EARTH in the center from collapsing, first carefully pile soil on the side with less BIO SAN-EARTH using a shovel or similar tool to reinforce it.

After that, fill in the entire area to a thickness of about 10 cm and compact it with your feet. (Part A)

Finally, fill in the entire trench and level the ground. (Part B)



DSN	Product Development Department	'24.08.21	UNIT mm	TITLE	
DWG	S. Kurano	'24.08.21	SCALE	DWG No.	BIO SAN-EARTH Horizontal Method Construction Procedure
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