

6

6.1

2

b-b c-c .

6.1 b-b

b-b A : 1 (GL(-)3m), B

: 2 (GL(-)6.2m), C : , D :

, E :

1 2 (A B)

가 (C)

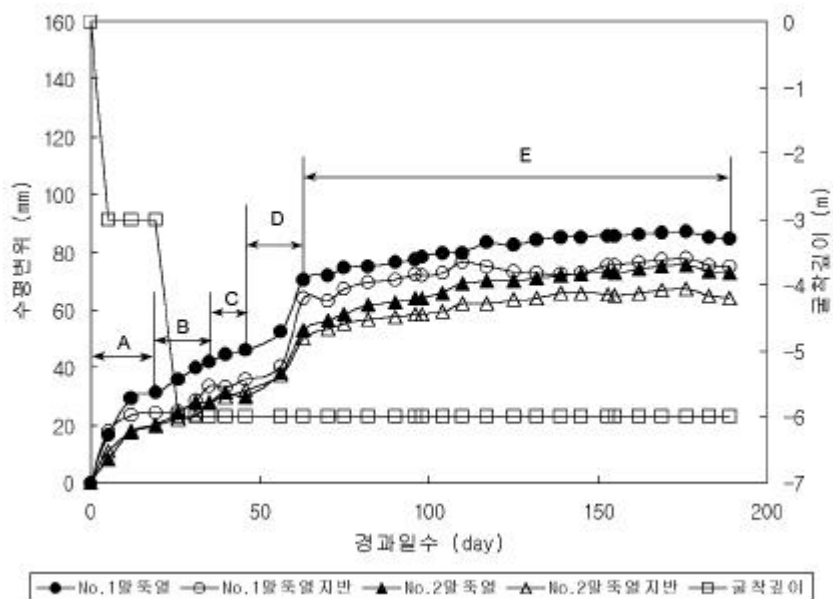
가

가 ,

(D) 가

가 가 ,

(E) 가

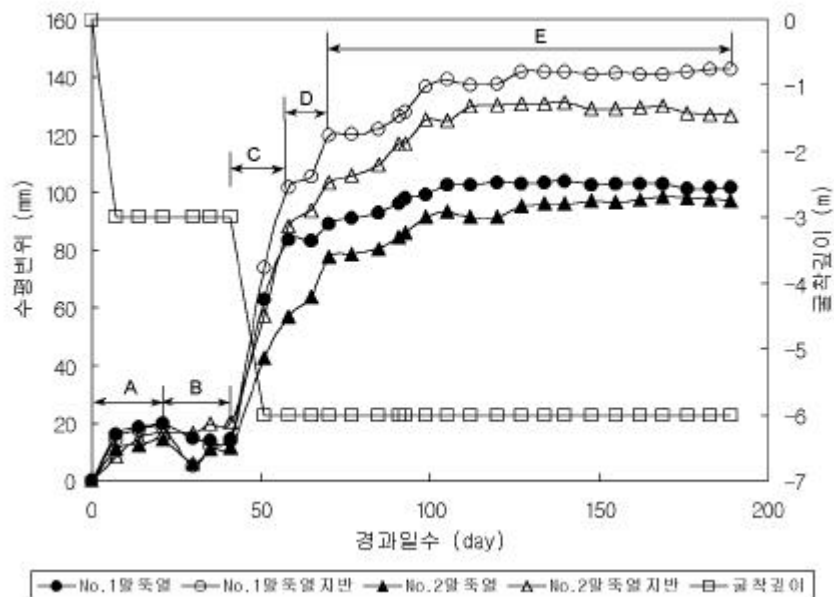


6.1

(b-b)

6.2 c-c

. c-c A : 1 (GL (-)3m
, B : , C : 2 (GL (-)6.2m), D :
, E : 5 .
1 (A) GL (-)3m
가
가
(B) 5m
3m, 4m .
. 2 (C) GL (-)6.2m
가
가
No.2 No.1
No.2
가



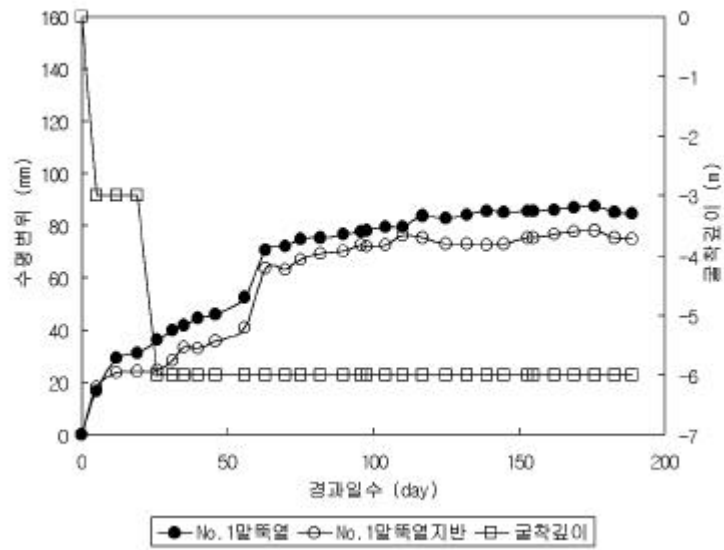
6.2 (c-c)

가
가

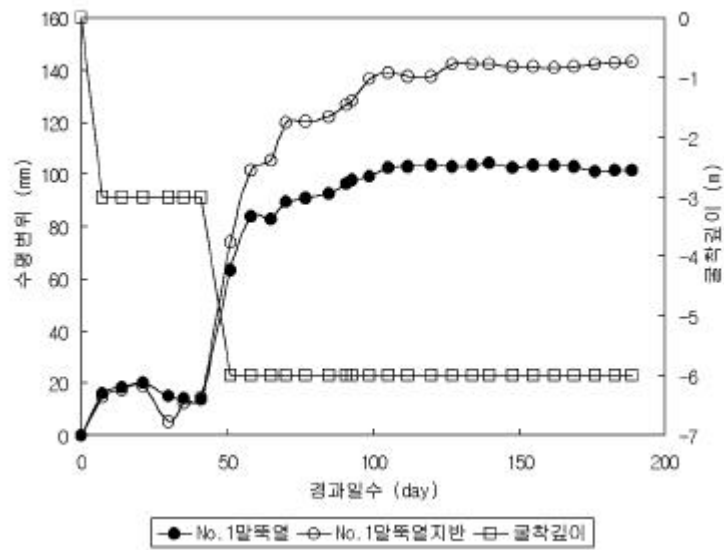
6.2

6.2.1

. b-b c-c
. b-b No.1
No.2 .
, b-b No.1 ,
No.2 No.1 No.2
. 6.3 b-b c-c
No.1 No.1
. c-c b-b . ,
b-b
. , b-b c-c
c-c
. c-c
, No.1 No.2
No.1
No.2 가



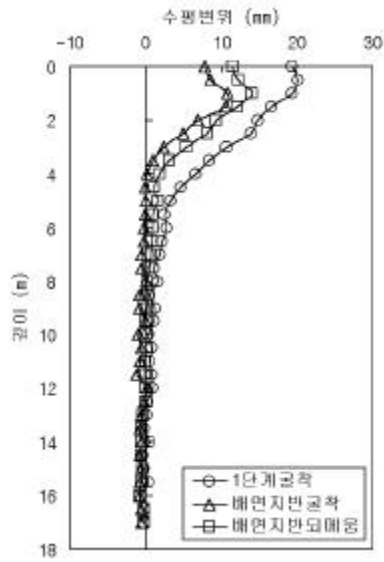
(a) b-b



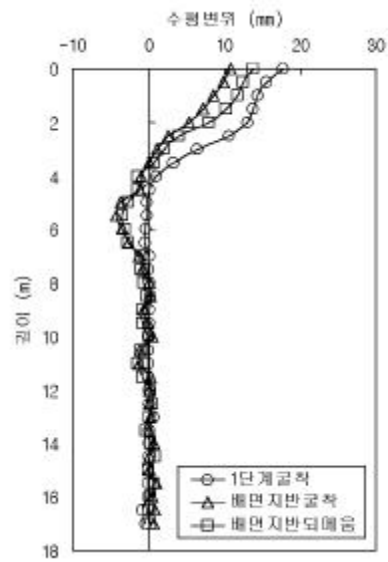
(b) c-c

6.3

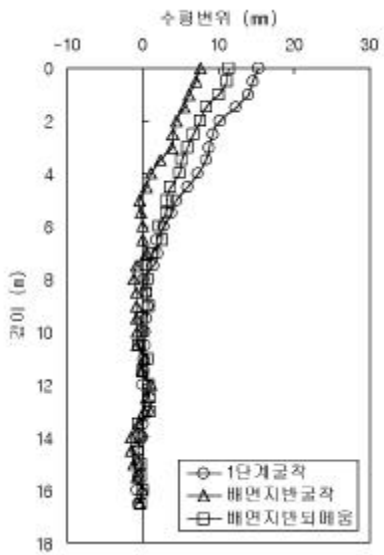
6.2.2



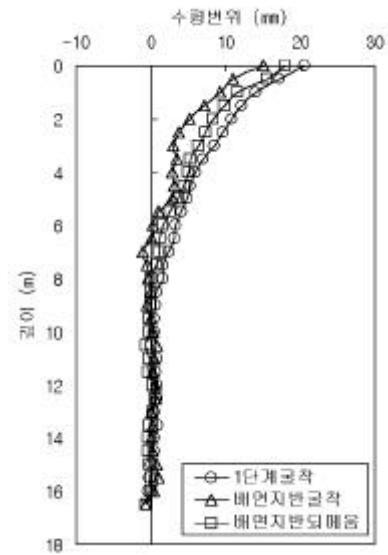
(a) No.1



(b) No.1



(c) No.2



(d) No.2

6.4

6.4

(3m, 4m)

. 1

15 25mm 가

. 10 15mm

가 .

가 .

.
.

6.2.3

. Peck(1969)

, 가 3.14

, 5.14

가 . $N_s = \gamma H / c_u$,

γ , H , c_u .

, b-b .

b-b 가 6.2m, 1.68t/m³, 가

2t/m² 5.21 . , Peck

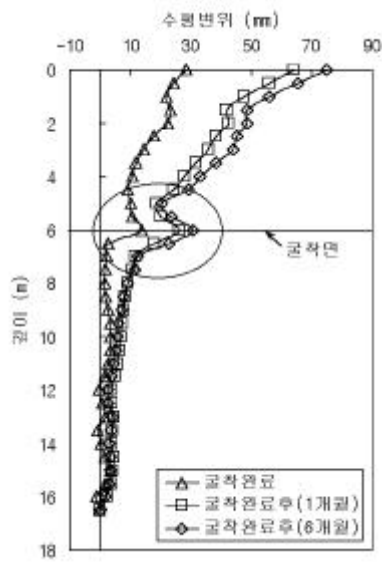
5.14 .

6.5 b-b

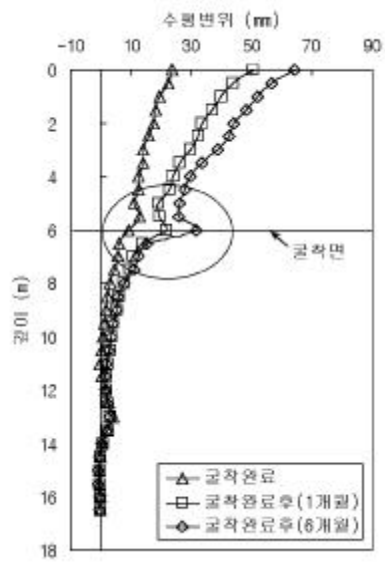
. ,

7mm .

, 가



(a) No.1



(b) No.2

6.5

6.3

2

c-c

6.6

6.6(a) (b)

, No.1

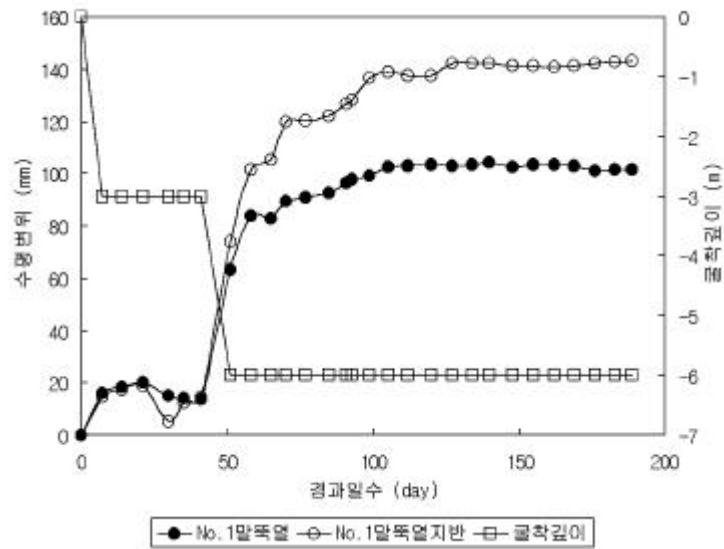
No.2

, No.1

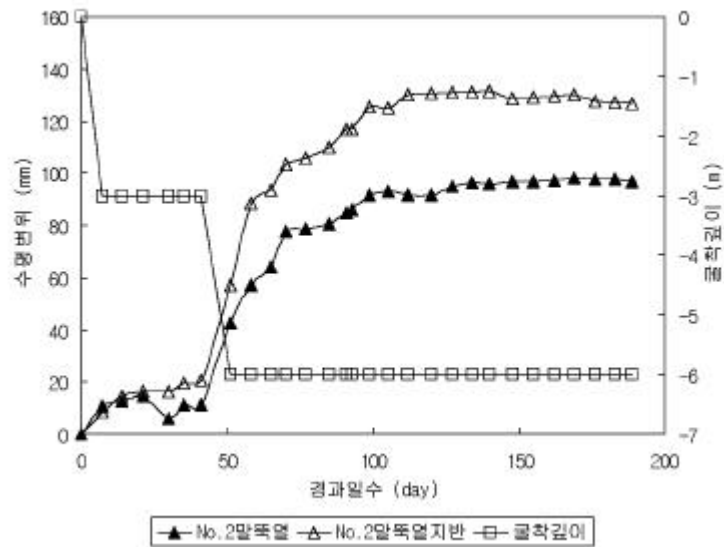
No.2

No.2

No.1



(a) No.1



(b) No.2

6.6 2

6.4

6.7 6.8 , 1 2

$(H/H_{\max})$

$(\delta/H_{\max})$

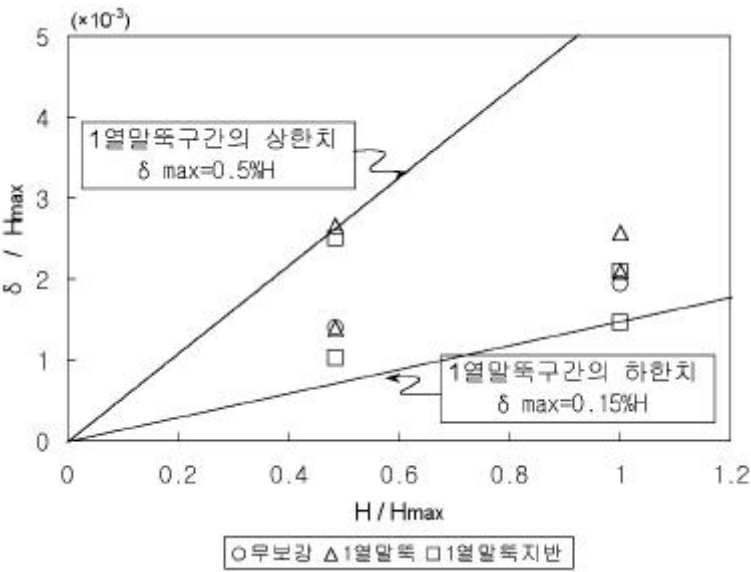
6.7 1

0.5% H

6.8 2

가 가

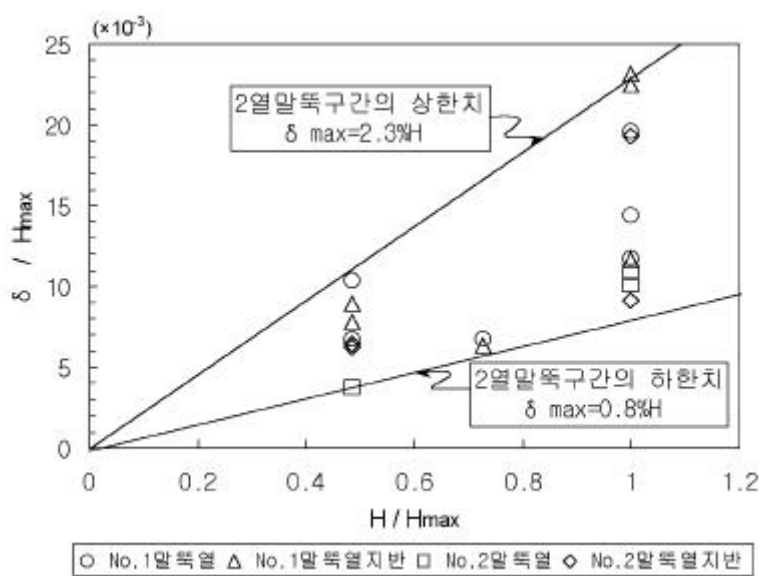
0.8% H 3.0% H



6.7

(가)

가 , 가 2 6 가 , 가 가 가 , 가 가



6.8

(가)

6.5

6.5.1

6.9

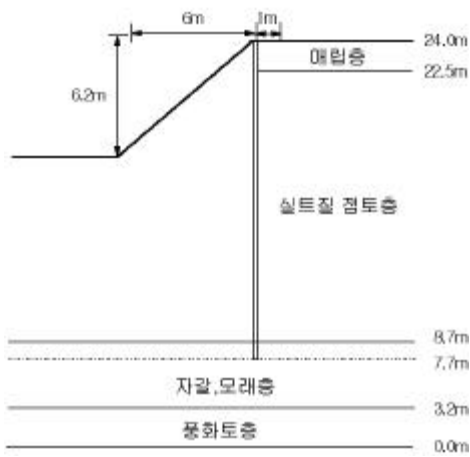
6.9(a) 1

H - $300 \times 300 \times 10 \times 15$, (D_2 / D_1)

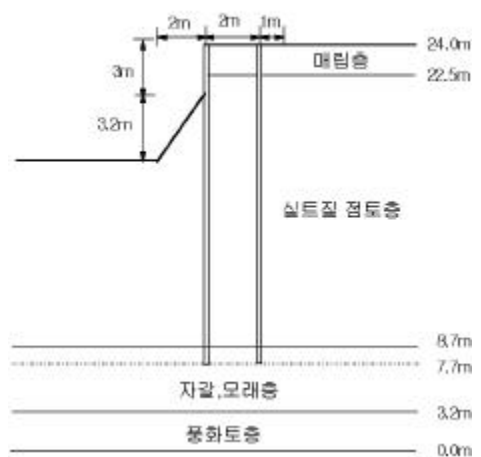
0.67 0.83 6.9(b) 2

0.83

10.1m



(a) 1



(b) 2

6.9

$c_u = 2 t / m^2$,
 $\gamma_{sat} = 1.68 t / m^3$,

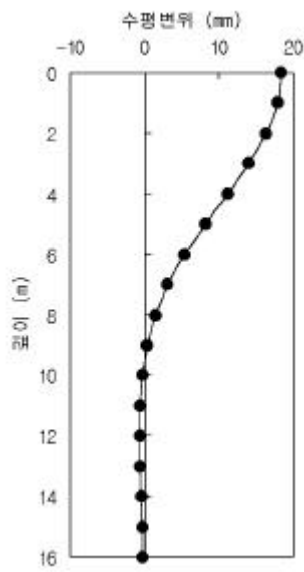
6.1

	$\gamma_{sat} \ (t / m^3)$	$c_u \ (t / m^2)$	$\phi \ (^\circ)$
	1.9	-	30
	1.68	2	-
	1.9	-	34
	2.0	-	38

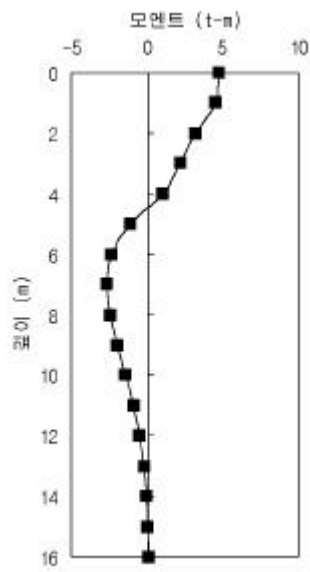
6.5.2

가. 1

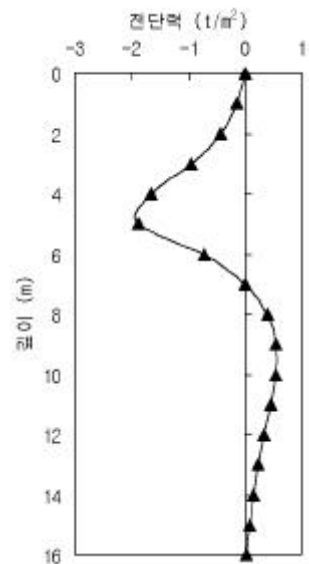
6.10 가 0.83
 .
 18.5mm가 , 7m
 . , 가
 . ,
 5m , 가 0 .
 6.11 가 0.67
 . 24.3mm
 가 . ,
 가 0.83 .



(a)



(b)

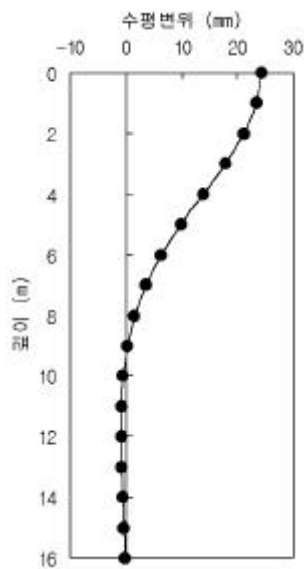


(c)

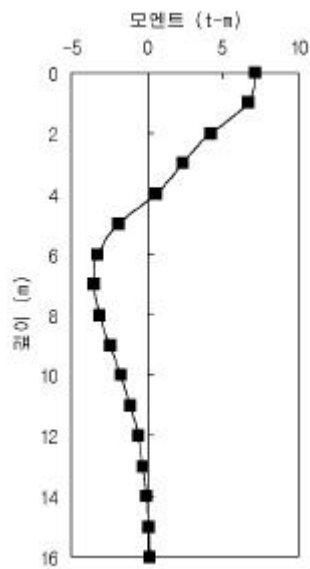
6.10 1

(

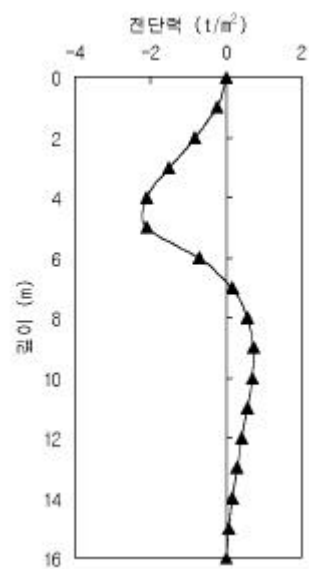
0.83)



(a)



(b)



(c)

6.11 1

(

0.67)

. 2

6.12

가 0.83 2

No.1

11.9cm

, No.2

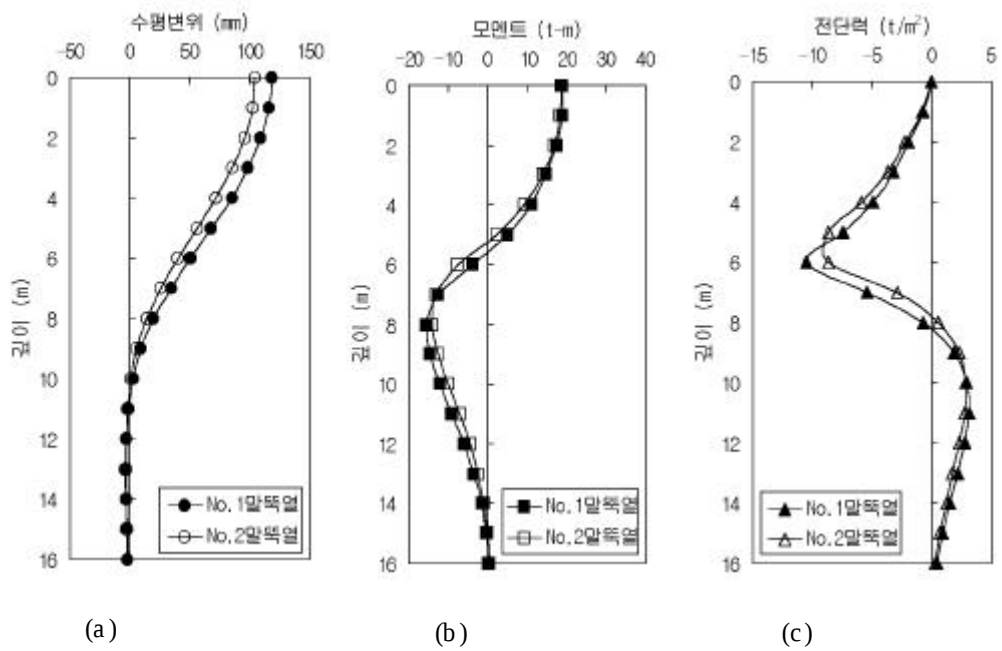
10.5cm

8m

가

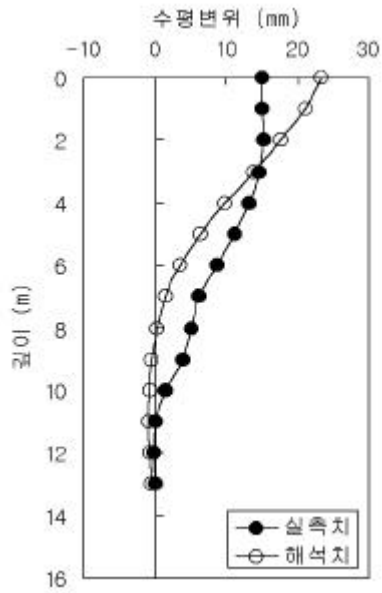
6m

가 0

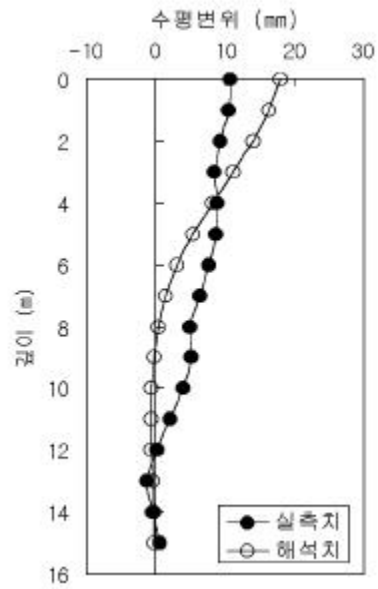


6.12 2

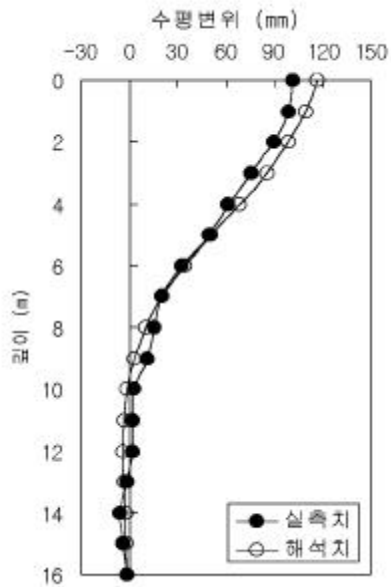
6.5.3



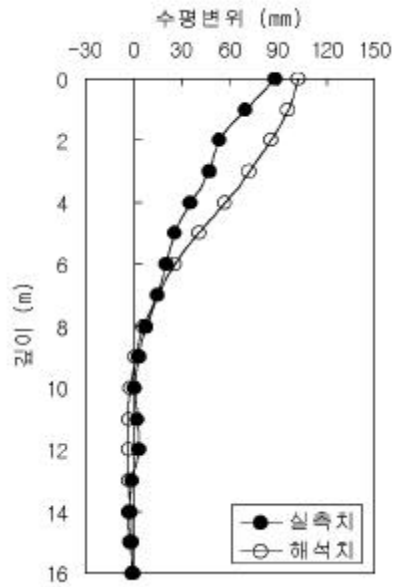
(a) 1 (0.67)



(b) 1 (0.83)



(c) 2 (No.1)



(d) 2 (No.2)

6.13

가

,

가

가

.

6.13

.

6.13(a) (b)

가 0.83

가 0.67

1

,

5m

.

가

.

6.13(c) (d) 2

c - c

No.1

No.2

가

.

,

No.1

가

, No.2

가

.

.

,

.