

(1)¹

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가³

가²

가⁴

가⁶

가⁵

가⁷

1.⁹

가¹⁰

가¹²

가²

가⁴

가⁶

가⁸

가¹¹

[1.1], [1.2],¹³

(SPT Test) N 가2, 4
N = 10
가¹¹

[1.3]¹³

[1.1]¹⁴¹⁵

N	(%)
0 ~ 4	(15)
4 ~ 10	(15 ~ 35)
10 ~ 30	(35 ~ 65)
30 ~ 50	(65 ~ 85)
30	(85 ~ 100)

[1.2]¹⁷¹⁸

N	qu(kg/cm ²)
< 2	< 0.25
2 ~ 4	0.25 ~ 0.5
4 ~ 8	0.5 ~ 1.0
8 ~ 15	1.0 ~ 2.0
15 ~ 30	2.0 ~ 4.0
> 30	> 4.0

[1.3] ()¹⁹²⁰

		N	qu(kg/cm ²)	qc(t/m ²)		
		< 2	2.5	12.5		
		2 ~ 4	2.5 ~ 5	12.5 ~ 25		
		4 ~ 8	5 ~ 10	2.5 ~ 50	100%	
		< 4	5		50%	
		< 4	5		30%	
		< 10	0			
	2m	0				
	5m	< 2				
	10m	< 4				
	3m	> 30				
		< 2		20		
		2 ~ 5		20 ~ 50		
		< 5		50		
		< 10				10t/m ²

2.²¹

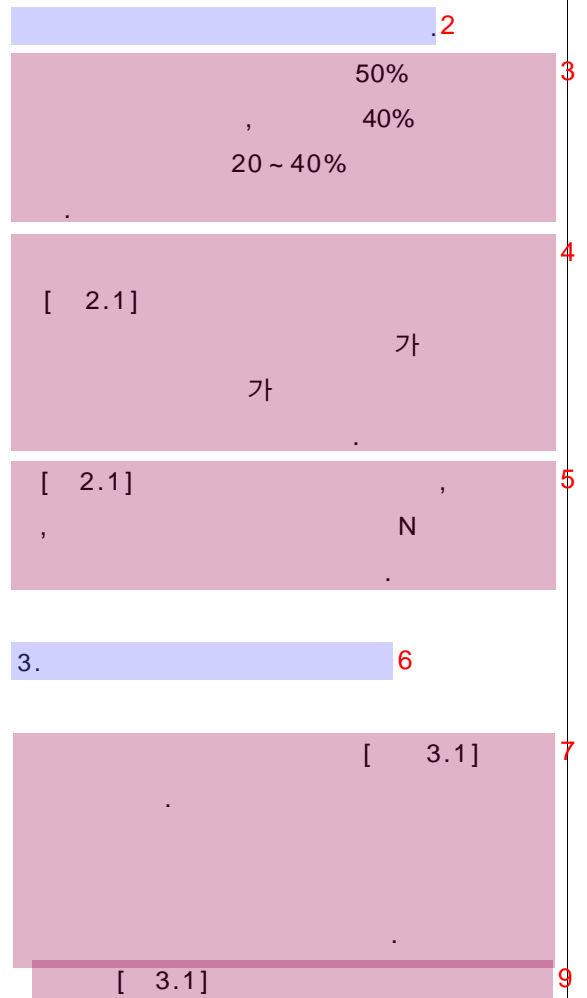
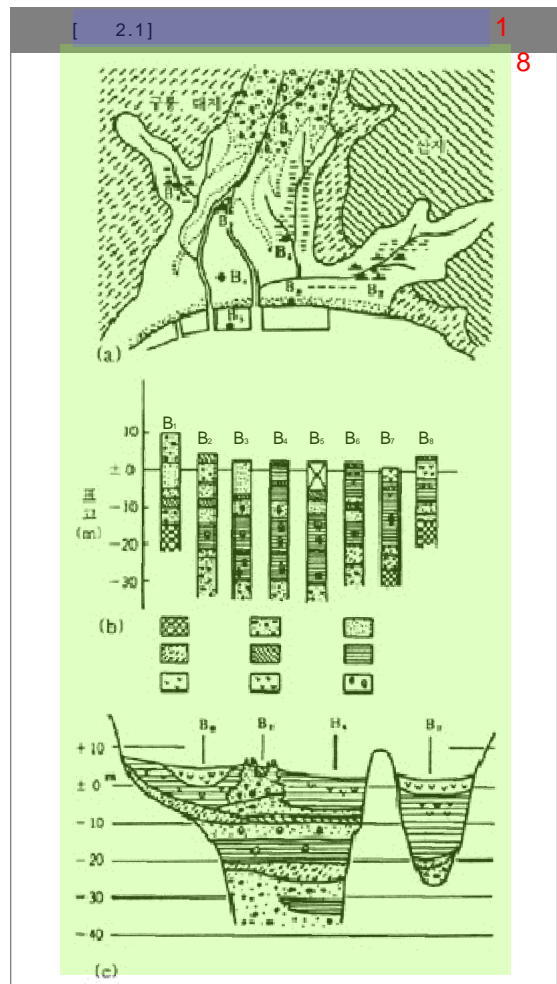
가²³

가²⁵

10%²²

2 ~ 4 %²⁴

가²⁶



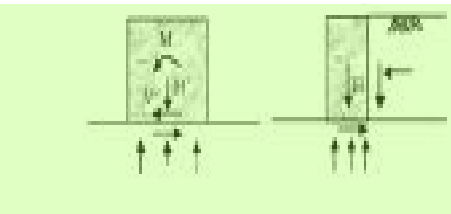
10

[2.1]

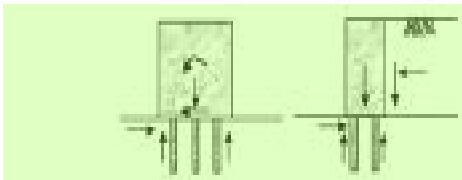
3.2 1

2

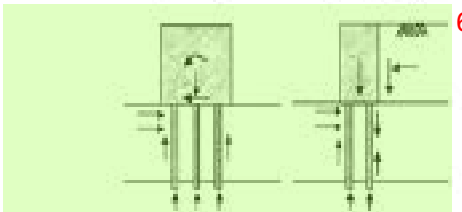
[3.2] 3



4



5



6

(a) (b)

7

8

(b)

가

가

가

9

3.3

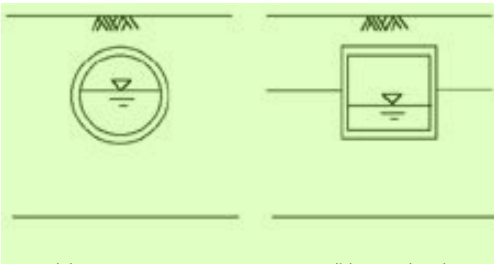
10

11

가

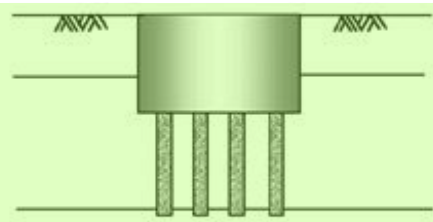
가

[3.3] 12



13

(a) (b) ()



14

(c) 15

16

가

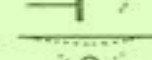
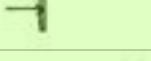
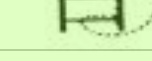
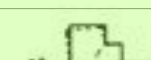
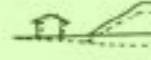
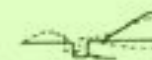
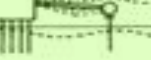
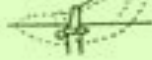
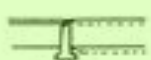
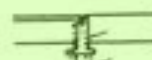
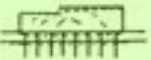
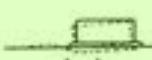
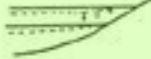
[4.1]

17

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18



가 19

4. 20

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22

1. 가

2. 가

3.

4.

5.

6.

7. 가

23

24

1. , 1995

2. , 1995

3. , 1997

4. M. J. Tomlinson, Foundation Design and Construction, 1995

5. , 1996

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