

## 1. \_\_\_\_\_

>>>>

가 ,

가

가

'OO'

## 2. \_\_\_\_\_

>>>>

가)

- 가
- 가
- 가

## 3. \_\_\_\_\_

>>>>

3-1. ( , )

가 ( )

[ 1 ]

[ 1 ]			
			(N-Value )
			( , )
			( , )

3-2. 5m 가  
( N = 1 )

## 3-3.

- (U.S.C.S) (CH)
- (CL)가
- ( 62.3 %)가

· 1.53 ~ 1.66g/cm

가

· 22.2% 24.5%

1

$$LI = (W - Wp) / PI = 62.3 - 22.2 / 24.5 = 1.6$$

· 1.488 ~ 1.799

[ 2 ]

	y	y <sub>sat</sub>	w	e <sub>s</sub>	w <sub>L</sub>	PI
CH	1.6t <sup>m</sup>	1.9t <sup>m</sup>	62.3%	1.624	46.5%	24.5%

## 3-4.

· 0.08 ~ 0.18

kg/cm<sup>2</sup> 가

· 0.48 ~ 1.00

· 0.13 ~ 0.45/cm<sup>2</sup>

$$C = 0.015 \text{ m/sec}$$

[ 3 ]

	C(Cu)	Cc	Cv	Pc
	1.3t <sup>m</sup>	0.68%	0.015 m/sec	2.5t <sup>m</sup>

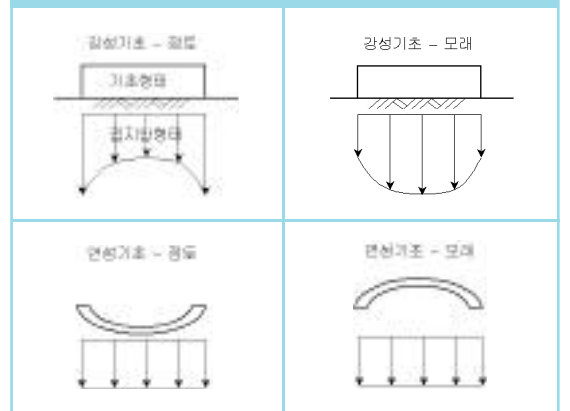
## 4. \_\_\_\_\_

>>>> 가 가

## 4-1.

(1)

[ 1 ]



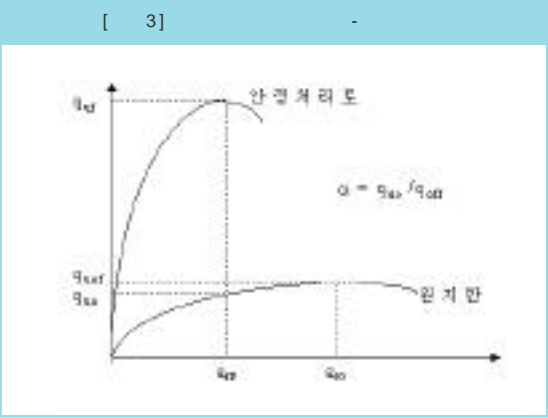
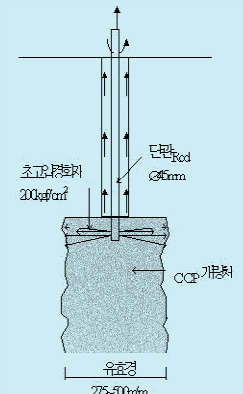
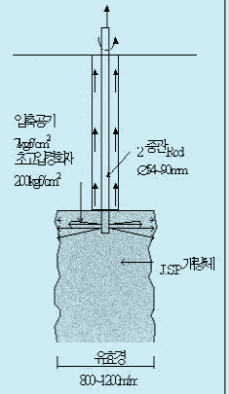
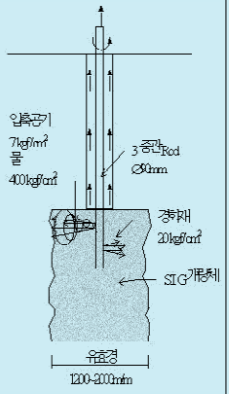
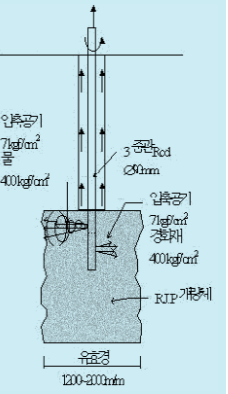
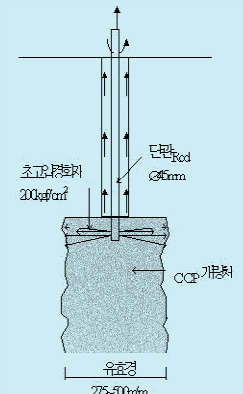
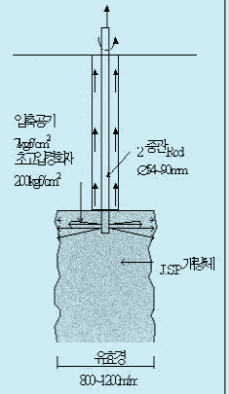
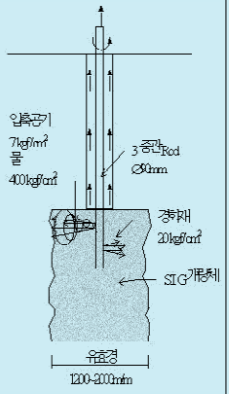
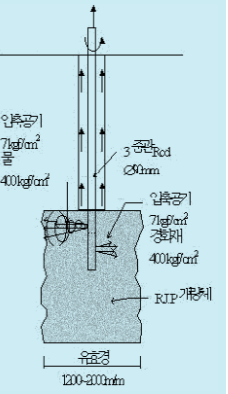
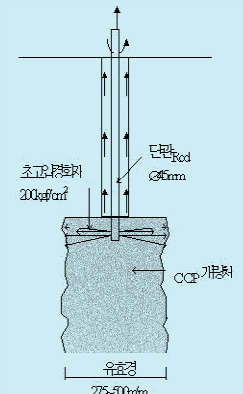
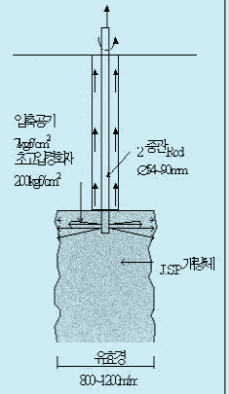
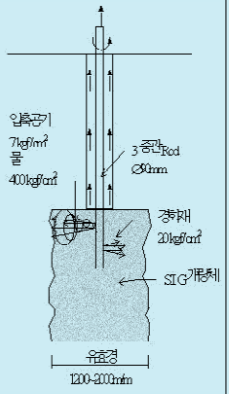
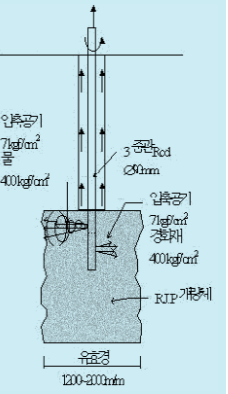
가

1.75/

가

가



<p>50mm, 20mm 가 180mm</p> <p>50%</p> <p>25mm</p>	<p>가 柴崎</p> <p>가</p> <p><math>C = \sqrt{(C_0^2 + 36)tm^2}</math></p> <p>6.1t/m<sup>2</sup> 22t/m<sup>2</sup></p>		<p>R.J.P ( 2000mm) 346</p> <p>11% 90%</p> <p>Jet Grout</p> <p>가</p>	<p>5-4. R.J.P Pile Pile (5.0m)</p> <p>가</p> <p>가500kg/cm<sup>2</sup>( 100kg/cm<sup>2</sup>) 500t/m<sup>2</sup> 가 50t/m<sup>2</sup> 1,780</p>																									
<p>5. &gt;&gt;&gt;&gt;</p> <p>가 가 가</p>	<p>5-2. Jet Grouting Jet Grout , Rod</p> <p>200 ~ 400 kg/cm<sup>2</sup></p> <p>Jet Grout</p> <p>가 가 가</p>		<p>[ 3 ]</p> 	<p>5-5. R.J.P 가 Test 가 360</p>																									
<p>5-1. 가</p>	<p>5-3. Rode-in jet pile Jet Grout [ 3 ].</p> <p><math>C = C_p \cdot p + C_0(1-p)</math></p> <p>C: C<sub>p</sub>: (qu/2) C<sub>0</sub>: (qu/2) p: : C<sub>0</sub> (=0.3)</p>		<p>[ 3 ] Jet Grout</p> <table border="1"> <thead> <tr> <th></th> <th>C.C.P (Chemical Churning Pile)</th> <th>J.S.P (Jumbo Special Pile)</th> <th>S.I.G (Super Injection Grout)</th> <th>R.J.P (Rod-in Jet Pile)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>2</td> <td>2</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td colspan="4"> <p>q<sub>u</sub> = 10 ~ 40 kg/cm<sup>2</sup> q<sub>u</sub> = 30 ~ 100 kg/cm<sup>2</sup></p> </td> </tr> </tbody> </table>		C.C.P (Chemical Churning Pile)	J.S.P (Jumbo Special Pile)	S.I.G (Super Injection Grout)	R.J.P (Rod-in Jet Pile)				1	1				2	2							<p>q<sub>u</sub> = 10 ~ 40 kg/cm<sup>2</sup> q<sub>u</sub> = 30 ~ 100 kg/cm<sup>2</sup></p>				
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