

# 1 SHEET PILE U /	18,703	32,046	28,407	79,156	#.1
Tc = ((0.75 + r x Nmax) x L + a) x K / F (min/)					
a,r :					
L : (M)					
F :					
Nmax: N					
K : SHEET PILE					
Fo = 1.0					
. : f1=0.0					
. : f2=0.0					
. : f3=0.0					
F = Fo + (f1 + f2 + f3) = 1.00					
.SHEET PILE (): L = 12.0 m					
. N : Nmax = 30					
K = 0.83					
a = 4.52					
r = 0.02					
Tc = 1.1 * ((0.75 + r * Nmax) * L + a) * K / F = 18.92					
" 1.1 :					
(1)					
. (60 kw) : 1					
. () (40 ton) : 1					
. (250 kw) : 1					
. (20 ton) : 1					
. (60 %)					
(2)					
. : 2					
. : 1					
. : 1					
. : 1					
(3)					
1) (60 kw)					
. : 21,913 * Tc / 60 = 6,909.8			6,909.8	6,909.8	E65300060
			6,909.8	6,909.8	
2) (40 ton)					
. : 10,939.68 * Tc / 60 = 3,449.6	3,449.6			3,449.6	E21010040
. : 31,751 * Tc / 60 = 10,012.1		10,012.1		10,012.1	E21010040
. : 31,913 * Tc / 60 = 10,063.2			10,063.2	10,063.2	E21010040
	3,449.6	10,012.1	10,063.2	23,524.9	
3) (250 kw)					
. : 44,760.24 * Tc / 60 = 14,114.3	14,114.3			14,114.3	E75050250
. : 12,438 * Tc / 60 = 3,922.1		3,922.1		3,922.1	E75050250

. : 12,173 * Tc / 60 = 3,838.5			3,838.5	3,838.5	E75050250
	14,114.3	3,922.1	3,838.5	21,874.9	
4) (20 ton) (60 %)					
. : 6,024.52 * Tc / 60 * 0.6 = 1,139.8	1,139.8			1,139.8	E21040020
. : 31,751 * Tc / 60 * 0.6 = 6,007.2		6,007.2		6,007.2	E21040020
. : 40,147 * Tc / 60 * 0.6 = 7,595.8			7,595.8	7,595.8	E21040020
	1,139.8	6,007.2	7,595.8	14,742.8	
(4)					
. : 93,650 * Tc / 60 / 8 * 2 = 7,382.7		7,382.7		7,382.7	L015
. : 50,683 * Tc / 60 / 8 * 1 = 1,997.7		1,997.7		1,997.7	L085
. : 69,109 * Tc / 60 / 8 * 1 = 2,724.0		2,724		2,724	L081
		12,104.4		12,104.4	
	18,703.7	32,045.8	28,407.3	79,156.8	
: 2003					
() 1	18,703	32,046	28,407	79,156	

# 2 SHEET PILE Z /	25,644	43,936	38,947	108,527	#.2
Tc = ((0.75 + r x Nmax) x L + a) x K / F (min/)					
a,r :					
L : (M)					
F :					
Nmax: N					
K : SHEET PILE					
Fo = 1.0					
. : f1=0.0					
. : f2=0.0					
. : f3=0.0					
F = Fo + (f1 + f2 + f3) = 1.00					
.SHEET PILE (): L = 12.0 m					
. N : Nmax = 30					
K = 1.3					
a = 3.75					
r = 0.02					
Tc = ((0.75 + r * Nmax) * L + a) * K / F = 25.94					
(1)					
. (60 kw) : 1					
. () (40 ton) : 1					
. (250 kw) : 1					
. (20 ton) : 1					
. (60 %)					
(2)					
. : 2					
. : 1					
. : 1					
. : 1					
(3)					
1) (60 kw)					
. : 21,913 * Tc / 60 = 9,473.7			9,473.7	9,473.7	E65300060
			9,473.7	9,473.7	
2) (40 ton)					
. : 10,939.68 * Tc / 60 = 4,729.5	4,729.5			4,729.5	E21010040
. : 31,751 * Tc / 60 = 13,727.0		13,727		13,727	E21010040
. : 31,913 * Tc / 60 = 13,797.0			13,797	13,797	E21010040
	4,729.5	13,727	13,797	32,253.5	
3) (250 kw)					
. : 44,760.24 * Tc / 60 = 19,351.3	19,351.3			19,351.3	E75050250
. : 12,438 * Tc / 60 = 5,377.3		5,377.3		5,377.3	E75050250

. : 12,173 * Tc / 60 = 5,262.7			5,262.7	5,262.7	E75050250
	.....19,351.3	.....5,377.3	.....5,262.7	.....29,991.3	
4) (20 ton) (60 %)					
. : 6,024.52 * Tc / 60 * 0.6 = 1,562.7	1,562.7			1,562.7	E21040020
. : 31,751 * Tc / 60 * 0.6 = 8,236.2		8,236.2		8,236.2	E21040020
. : 40,147 * Tc / 60 * 0.6 = 10,414.1			10,414.1	10,414.1	E21040020
	.....1,562.7	.....8,236.2	.....10,414.1	.....20,213	
(4)					
. : 93,650 * Tc / 60 / 8 * 2 = 10,122.0		10,122		10,122	L015
. : 50,683 * Tc / 60 / 8 * 1 = 2,738.9		2,738.9		2,738.9	L085
. : 69,109 * Tc / 60 / 8 * 1 = 3,734.7		3,734.7		3,734.7	L081
		16,595.6		16,595.6	
	.....25,643.5	.....43,936.1	.....38,947.5	.....108,527.1	
: 1999 " "					
	25,644	43,936	38,947	108,527	