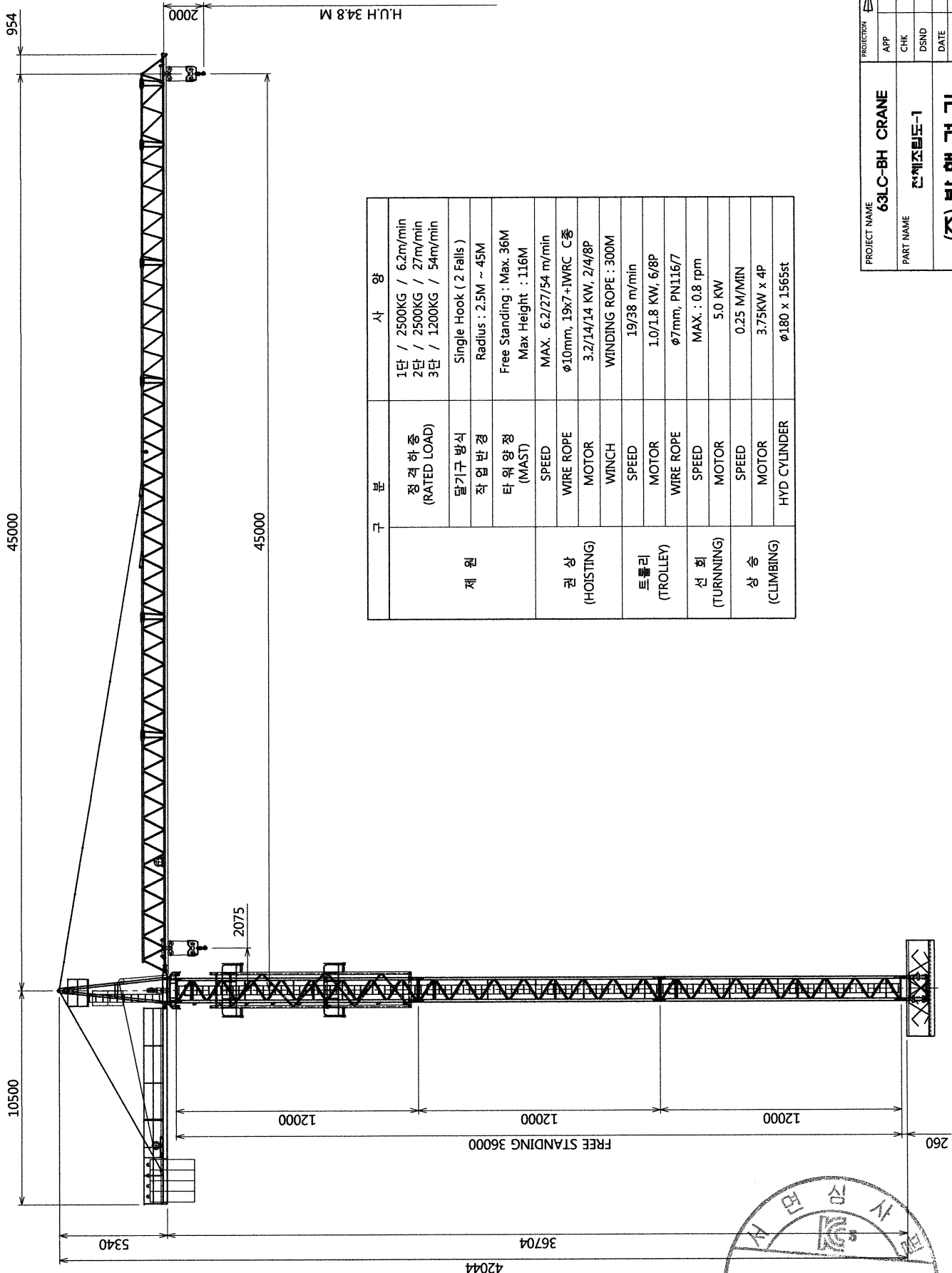


NO	REVISION	DATE	CHK	APD	REMARKS

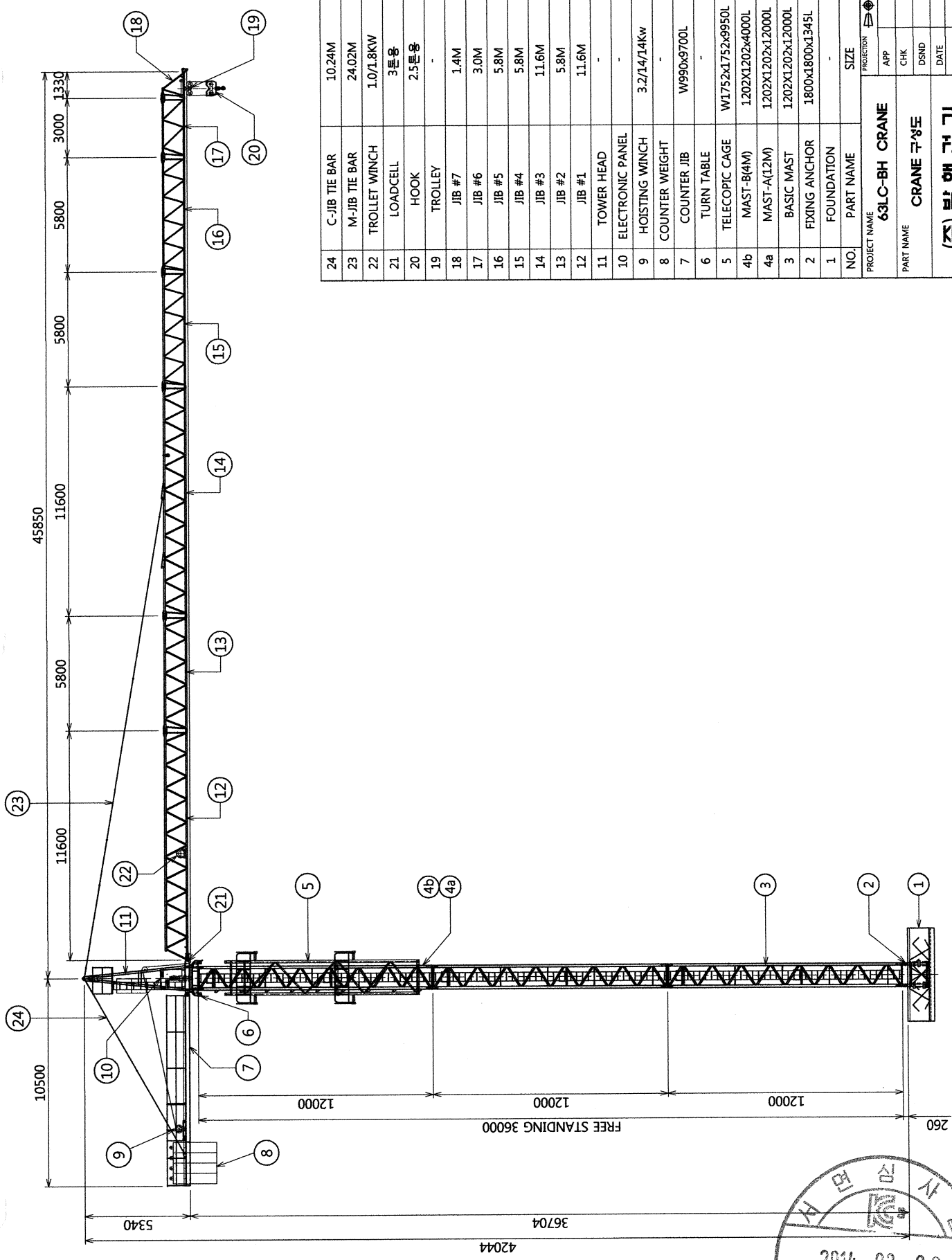


구분	사양
정격 하중 (RATED LOAD)	1단 / 2500KG / 6.2m/min 2단 / 2500KG / 27m/min 3단 / 1200KG / 54m/min
제원	Single Hook (2 Falls) Radius : 2.5M ~ 45M Free Standing : Max. 36M Max Height : 116M
타워 양정 (MAST)	MAX. 6.2/27/54 m/min
권상 (HOISTING)	WIRE ROPE φ10mm, 19x7+1WRC C종 MOTOR 3.2/14/14 KW, 2/4/8P WINCH WINDING ROPE : 300M SPEED 19/38 m/min
트롤리 (TROLLEY)	MOTOR 1.0/1.8 KW, 6/8P WIRE ROPE φ7mm, PN116/7
선회 (TURNING)	SPEED MAX. : 0.8 rpm MOTOR 5.0 KW
상승 (CLIMBING)	SPEED 0.25 M/MIN MOTOR 3.75KW x 4P HYD CYLINDER φ180 x 1565st

PROJECT NAME	63LC-BH CRANE	PROJECTION	SCALE	1/180	A3
PART NAME	신세조립도-1	APP	CHK	DSND	DATE
	(주) 팔해건설				2014.01.16
					DWG NO
					63LC-000-01



NO	REVISION	DATE	CHK	APP'D	REMARKS



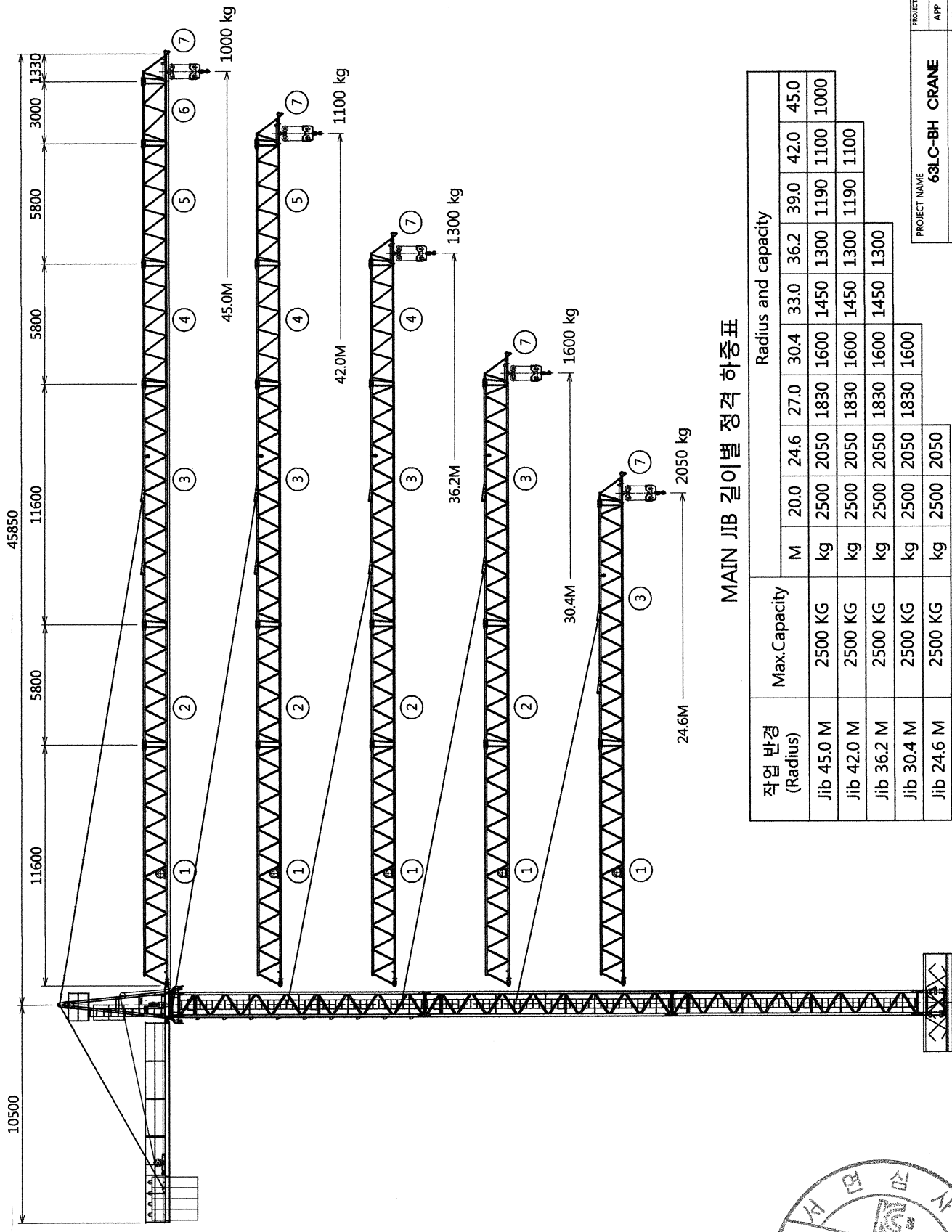
24	C-JIB TIE BAR	10.24M	2
23	M-JIB TIE BAR	24.02M	1
22	TROLLET WINCH	1.0/1.8KW	1
21	LOADCELL	3톤용	1
20	HOOK	2.5톤용	1
19	TROLLEY	-	1
18	JIB #7	1.4M	1
17	JIB #6	3.0M	1
16	JIB #5	5.8M	1
15	JIB #4	5.8M	1
14	JIB #3	11.6M	1
13	JIB #2	5.8M	1
12	JIB #1	11.6M	1
11	TOWER HEAD	-	1
10	ELECTRONIC PANEL	-	1
9	HOISTING WINCH	3.2/14/14Kw	1
8	COUNTER WEIGHT	-	4
7	COUNTER JIB	W990x9700L	1
6	TURN TABLE	-	1
5	TELESCOPIC CAGE	W1752x1752x9950L	1
4b	MAST-B(4M)	1202X1202x4000L	-
4a	MAST-A(12M)	1202X1202x12000L	1
3	BASIC MAST	1202X1202x12000L	2
2	FIXING ANCHOR	1800x1800x1345L	1
1	FOUNDATION	-	1

PROJECT NAME	63LC-BH CRANE
PART NAME	CRANE 구성도
PROJECTION	SCALE 1/180 A3
APP	CHK
DSND	DATE
DWG NO	2014.01.16
QTY	REMARK
1	1



63LC-000-02

NO	REVISION	DATE	CHK	AP'D	REMARKS



MAIN JIB 길이별 정격 하중표

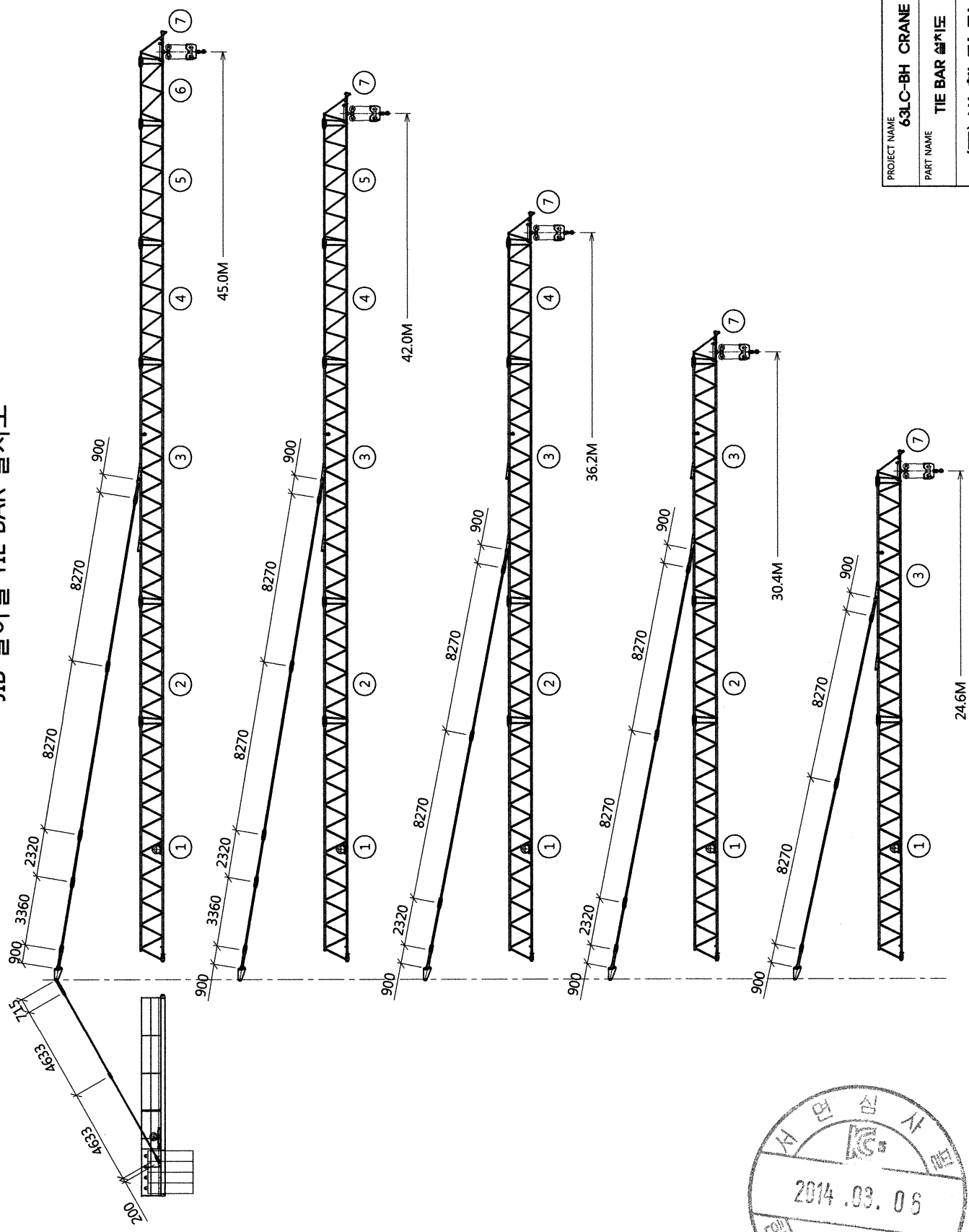
작업 반경 (Radius)	Max.Capacity	Radius and capacity									
		M	20.0	24.6	27.0	30.4	33.0	36.2	39.0	42.0	45.0
Jib 45.0 M	2500 KG	kg	2500	2050	1830	1600	1450	1300	1190	1100	1000
Jib 42.0 M	2500 KG	kg	2500	2050	1830	1600	1450	1300	1190	1100	1000
Jib 36.2 M	2500 KG	kg	2500	2050	1830	1600	1450	1300	1300	1300	1300
Jib 30.4 M	2500 KG	kg	2500	2050	1830	1600	1600	1600	1600	1600	1600
Jib 24.6 M	2500 KG	kg	2500	2050	2050	2050	2050	2050	2050	2050	2050

PROJECTION	SCALE	1/180	A3
APP	CHK	DSND	DATE
PROJECT NAME 63LC-BH CRANE			
PART NAME 지브 길이별 정격하중표			
DWG NO (주) 발해건기 63LC-0000-03			



NO	REVISION	DATE	CHK	APVD	REMARKS
1					

JIB 길이별 TIE BAR 설치도

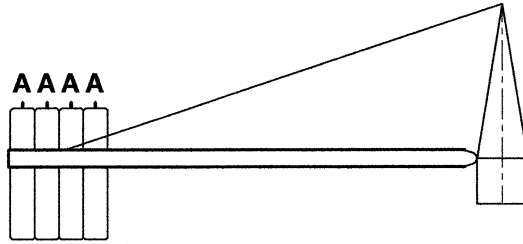


PROJECTION	SCALE	1/180	A3
PROJECT NAME	63LC-BH CRANE		
PART NAME	TIE BAR 설치도		
APP	CHK	DSND	DATE
			2014.01.16
DWG NO			63LC-000-04

JIB 길이별 COUNTER WEIGHT 설치 배열 및 중량

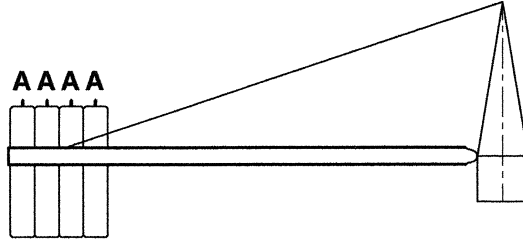
JIB 45.0 M

$4 \times A = 9,000 \text{ Kg}$



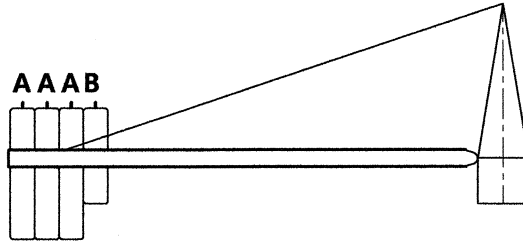
JIB 42.0 M

$3 \times A + 1 \times B = 9,000 \text{ Kg}$



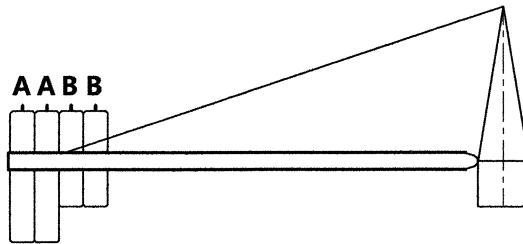
JIB 36.2 M

$3 \times A + 1 \times B = 7,950 \text{ Kg}$



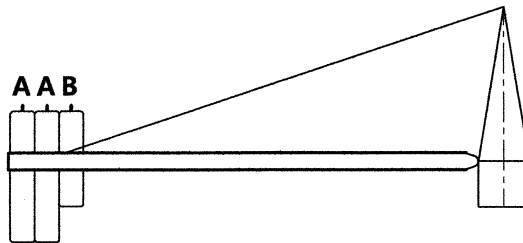
JIB 30.4 M



$2 \times A + 2 \times B = 6,900 \text{ Kg}$



JIB 24.6 M

$2 \times A + 1 \times B = 5,700 \text{ Kg}$

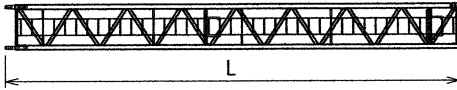

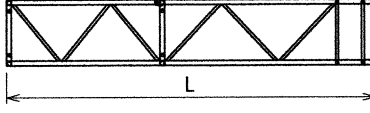
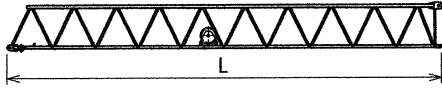
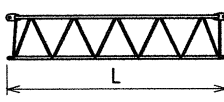

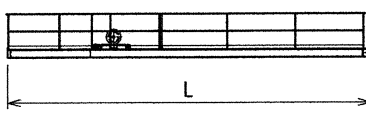
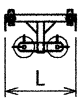
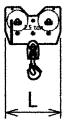
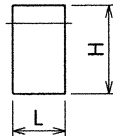
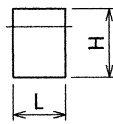
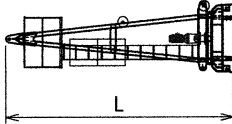


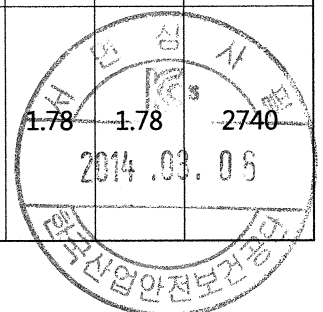
	A - Type	B - Type
COUNTER WEIGHT		
WEIGHT 중량	A-Type : 2,250 Kg	B-Type : 1,200 Kg



PACKING LIST

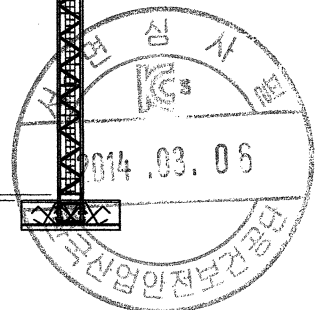
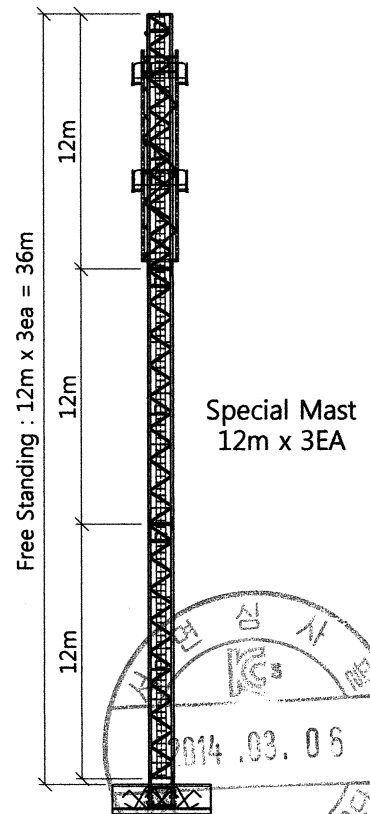
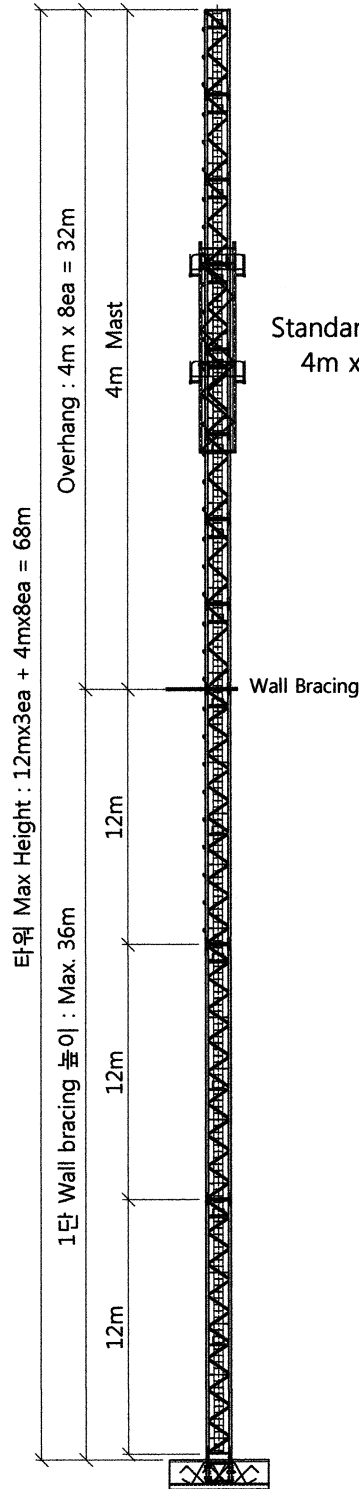
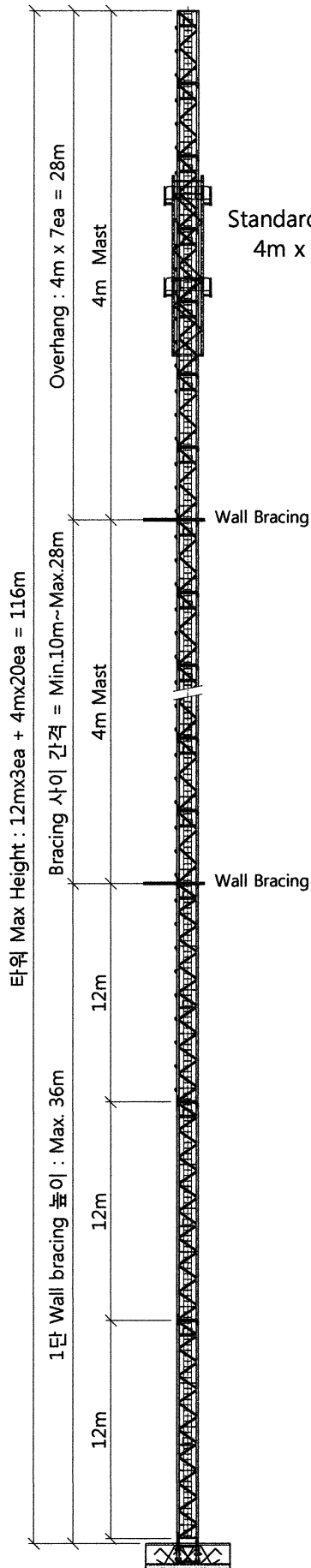
63LC-BH CRANE

NO	Q'ty	Description	Length L	Width W	Height H	Unit We't Kg	
1	3	12M 4M MAST		12.27	1.20	1.20	2435
				12.27	1.20	1.20	945
2	1	TELESCOPIC CAGE		9.95	1.75	1.75	3300
3	1	JIB #1		11.85	1.04	1.30	1070
4	1	JIB #2		5.94	0.95	1.22	401
	1	JIB #3		11.80	0.95	1.32	810
	1	JIB #4		5.94	0.95	1.22	261
	1	JIB #5		5.94	0.95	1.22	210
	1	JIB #6		3.18	0.95	1.22	111
5	1	JIB #7		1.45	1.04	1.37	80
6	1	COUNTER JIB Winch-1set Platform		9.79	1.46	1.24	1570
7	1	TROLLEY		0.95	1.13	0.62	151
8	1	HOOK		0.75	0.25	0.98	104
9	-	Weight "A"		0.81	0.52	2.22	2250
		Weight "C"		0.81	0.52	1.64	1650
10	1	TOWER HEAD Slewing Ring Platform		5.57	1.78	1.78	2740

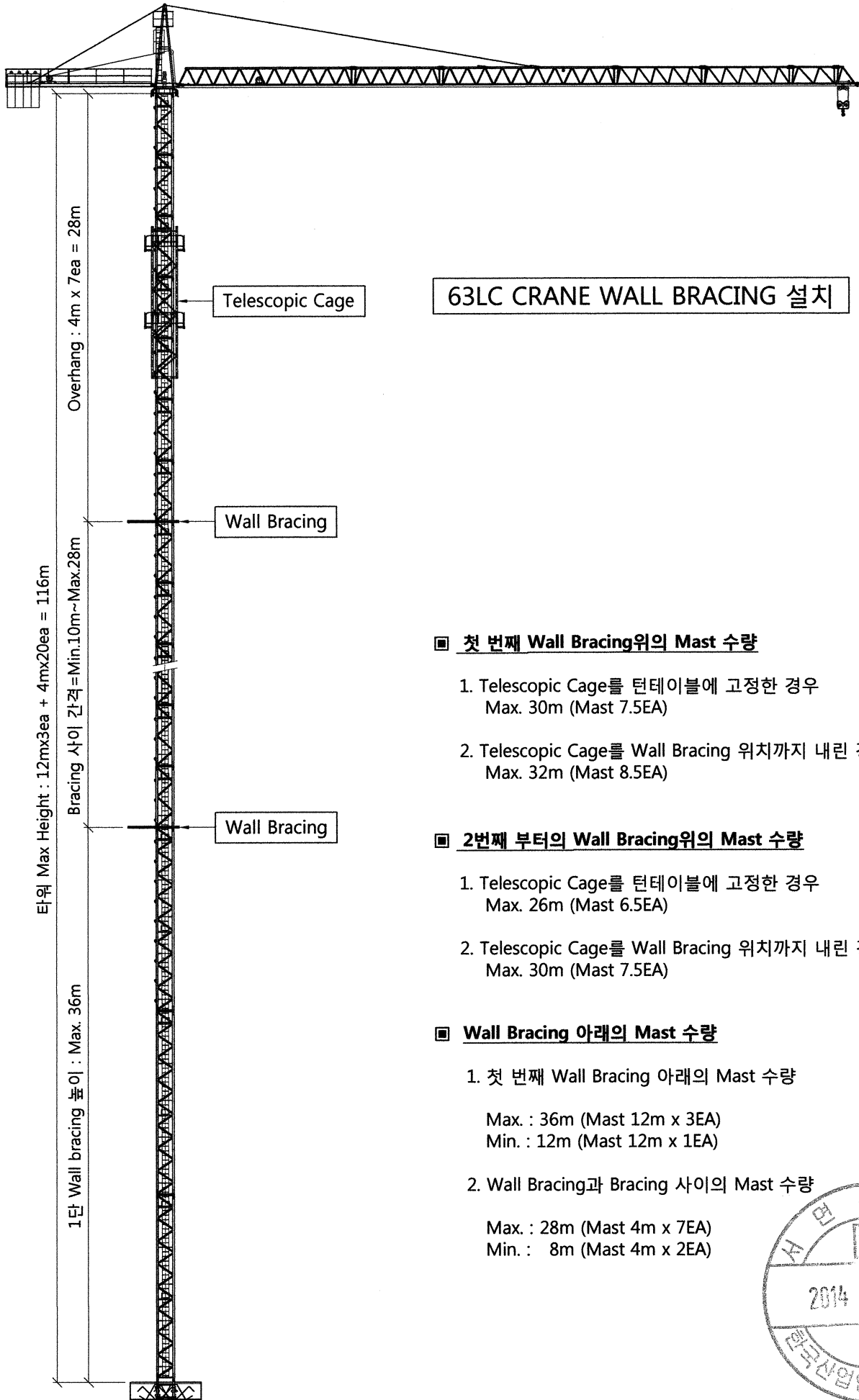


63LC-BH CRANE

BRACING & MAST COMBINATION



63LC-BH CRANE



63LC CRANE WALL BRACING 설치

첫 번째 Wall Bracing위의 Mast 수량

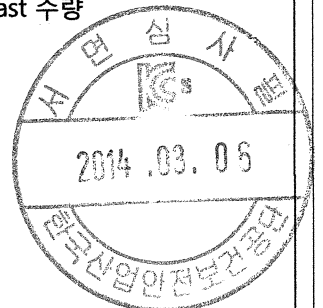
1. Telescopic Cage를 턴테이블에 고정한 경우
Max. 30m (Mast 7.5EA)
2. Telescopic Cage를 Wall Bracing 위치까지 내린 경우
Max. 32m (Mast 8.5EA)

2번째 부터의 Wall Bracing위의 Mast 수량

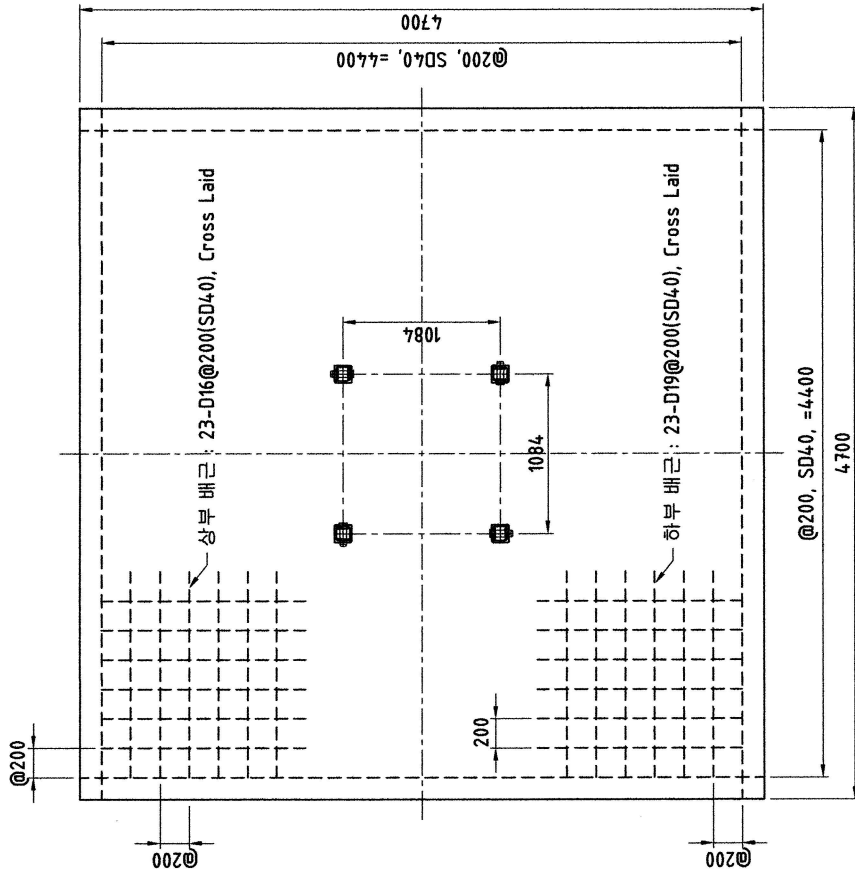
1. Telescopic Cage를 턴테이블에 고정한 경우
Max. 26m (Mast 6.5EA)
2. Telescopic Cage를 Wall Bracing 위치까지 내린 경우
Max. 30m (Mast 7.5EA)

Wall Bracing 아래의 Mast 수량

1. 첫 번째 Wall Bracing 아래의 Mast 수량
Max. : 36m (Mast 12m x 3EA)
Min. : 12m (Mast 12m x 1EA)
2. Wall Bracing과 Bracing 사이의 Mast 수량
Max. : 28m (Mast 4m x 7EA)
Min. : 8m (Mast 4m x 2EA)



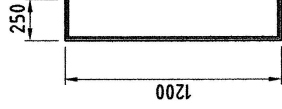
NO	REVISION	DATE	CHK	APVD	REMARKS
1					



3 CROSS LAID D16(SD40)*@200*4600L - 46EA

4 CROSS LAID D19(SD40)*@200*4600L - 46EA

5 D16x1700L - 92EA



NOTE

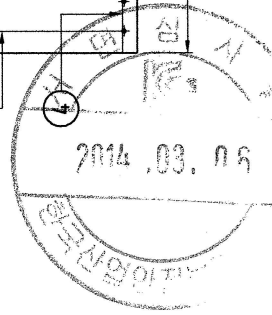
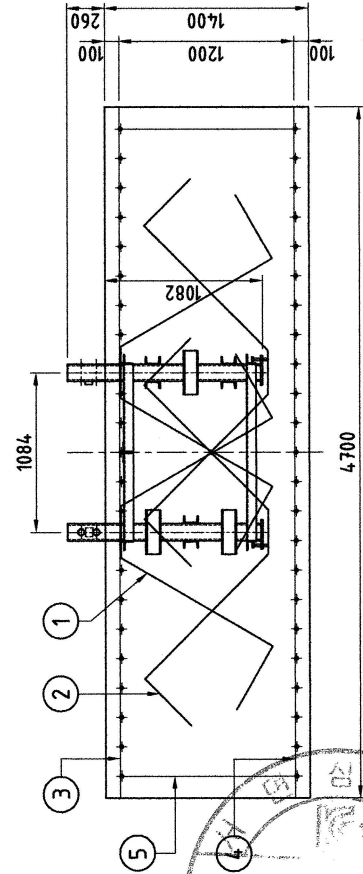
1. CONCRETE 압축강도 : 240 kg/Cm²
2. 허용 지내력 : 20 ton/m²
3. 철근 : SD 40
4. 인장 및 압축 절근 간격 : 80mm

ANCHOR 설치시 주의사항

버림콘크리트 타설후 ANCHOR를 가설치한 상태에서 BASIC MAST와 결합되는 4개소 PLATE의 레벨을 정확히 맞추고, 콘크리트 타설이나 외부의 힘에 의해 움직이지 않도록 충분한 보강을 한 후, 레벨을 쉐히 재확인 하여야 함.

***중요 사항**

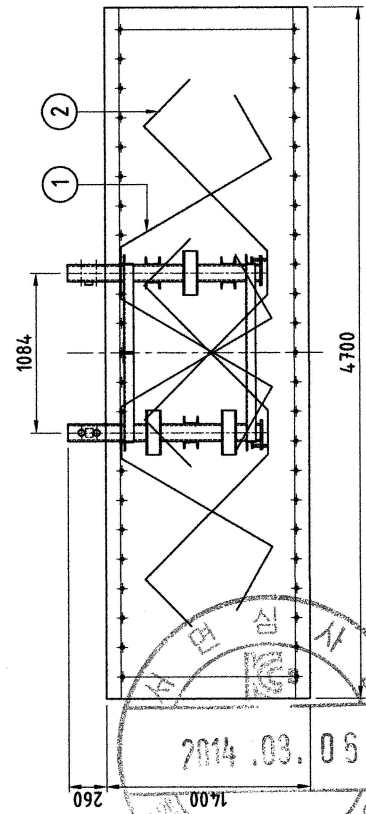
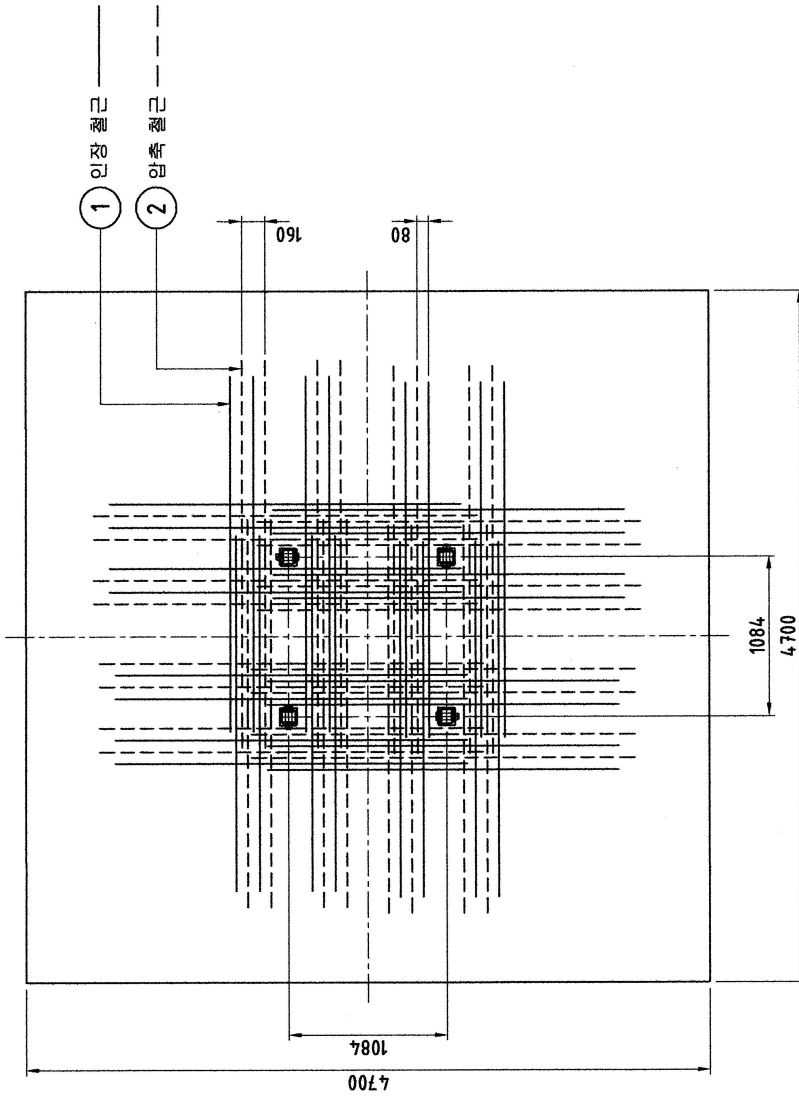
지내력이 부족한 지역에서는 TOWER CRANE의 기초가 침하되어 TOWER CRANE의 안전성에 위험이 따르므로 FRICTION PILE 및 기타방법으로 보강되어 져야 한다.



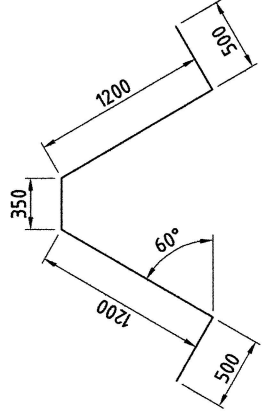
PROJECT NAME	63LC-BH CRANE	SCALE	1/40	A3
APP				
CHK				
DSND				
DATE	2016.01.16			
DWG' NO	63LC-001-01			

(주) 발해건설

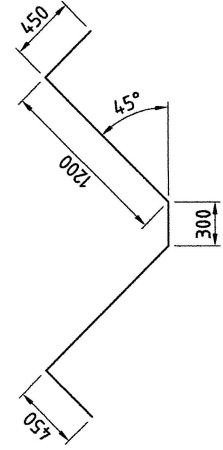
NO	REVISION	DATE	CHK	APP'D	REMARKS



1 인장 철근
8 x D22, L=3.75M per ANCHOR
4(ANCHOR) x 8 = 32 pieces
SD40

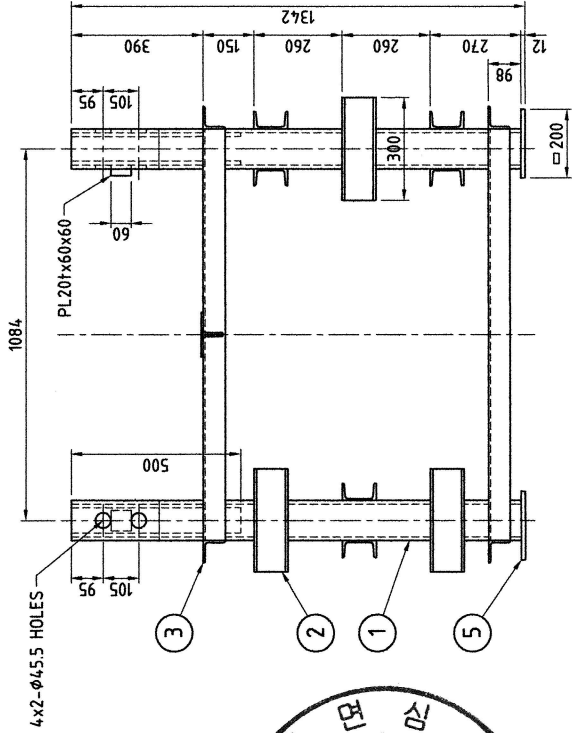
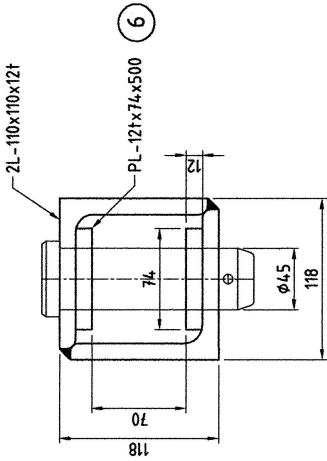
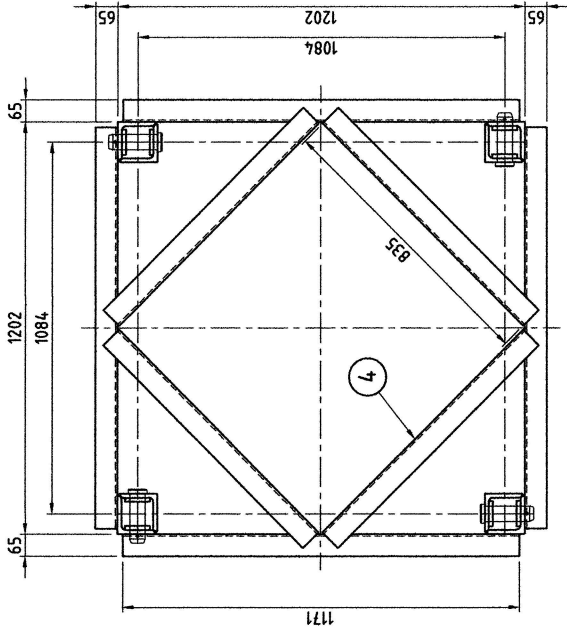


2 압축 철근
8 x D19, L=3.6M per ANCHOR
4(ANCHOR) x 8 = 32 pieces
SD40



PROJECT NAME	63LC-BH CRANE	PROJECTION	SCALE	1/40	A3
PART NAME	인장, 압축 배근도	APP	CHK	DSNO	DATE
	(주) 발해건설기				2014.01.16
				DWG NO	63LC-001-02

NO	REVISION	DATE	CHK	APVD	REMARKS



NOTE

1. 제작 수량 : 1 set
2. 용접각장은 앞은쪽 모재두께의 70~80%으로 용접.

NO.	PART NAME	SIZE	MATL	QTY	Weight	Remark
6	PLATE	PL12t x 74 x 500	SM490A	8		
5	PLATE	PL15t x φ1460	SS400	1		
4	ANGLE	L65x65x6t-835L	SS400	4		
3	ANGLE	L65x65x6t-1171L	SS400	8		
2	CHANNEL	□100x50x5/7t-300L	SS400	1		
1	ANGLE BOX	2L-110x110x12t-1330L	SM490YA	4		

PROJECTION	SCALE	1/15	A3
PROJECT NAME	63LC-BH CRANE		
PART NAME	FIXING ANCHOR		
APP	CHK	DSND	DATE
			2014.01.16
DWG NO	63LC-001-03		

