

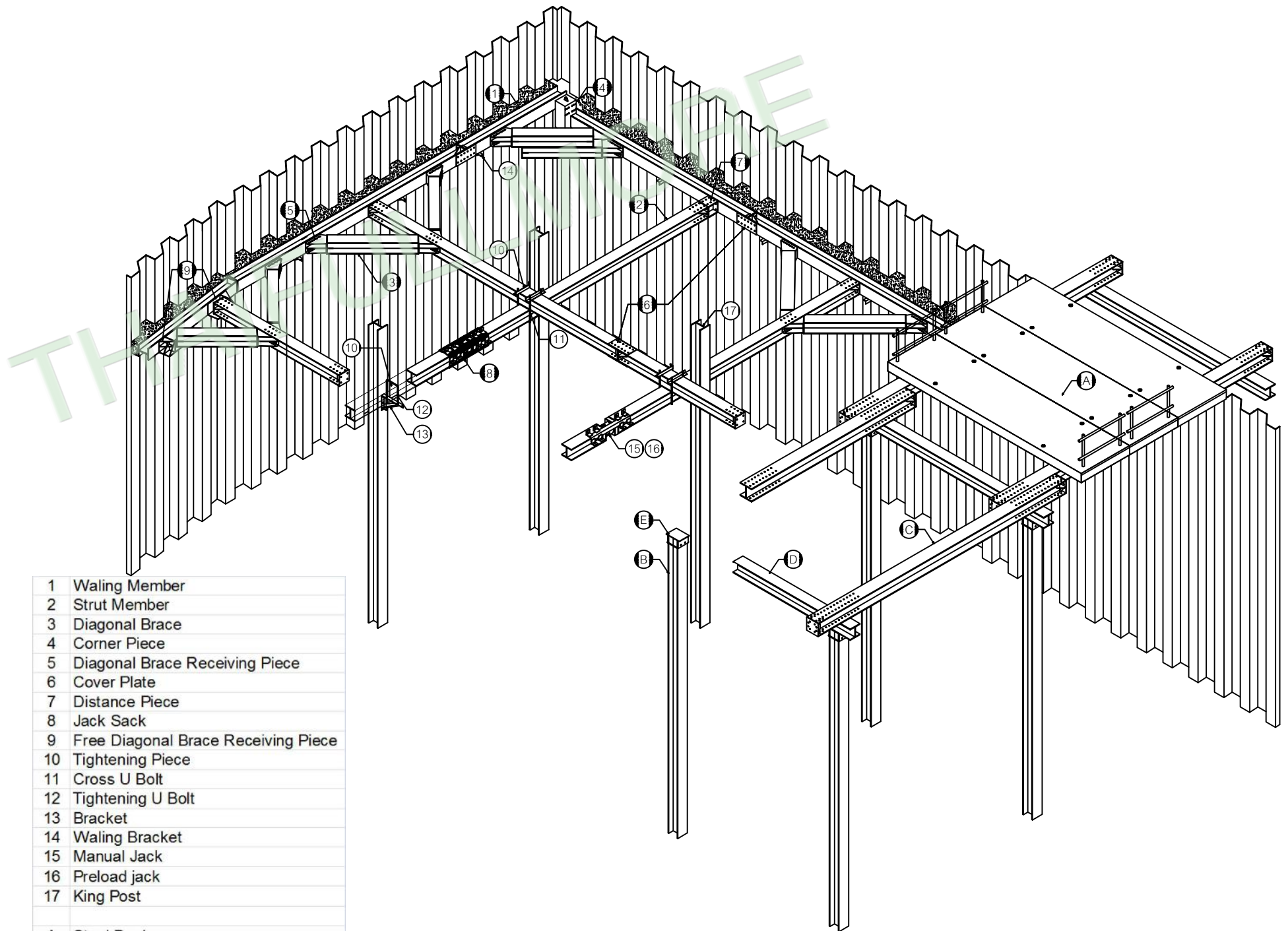
# THAI FULLMORE



THAI FULLMORE CO.,LTD.

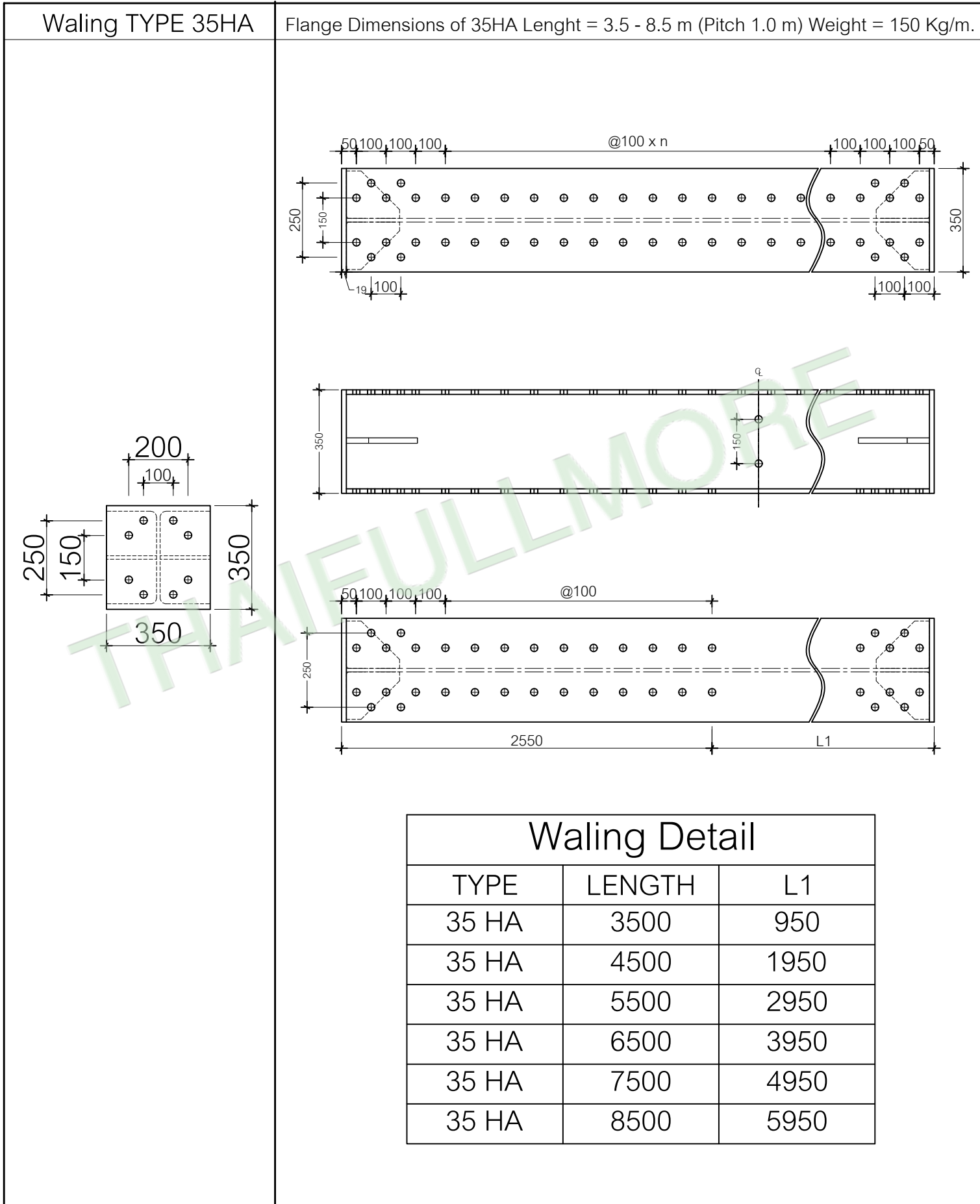
27/14 -18 Pattanachonnabot 4Rd., Klong song ton nun, Lat Krabang  
,Bangkok 10520 Tel.0-2376-9402-4 Fax 0-2376-9118

Email : [fullmore@hotmail.com](mailto:fullmore@hotmail.com)



1	Waling Member
2	Strut Member
3	Diagonal Brace
4	Corner Piece
5	Diagonal Brace Receiving Piece
6	Cover Plate
7	Distance Piece
8	Jack Sack
9	Free Diagonal Brace Receiving Piece
10	Tightening Piece
11	Cross U Bolt
12	Tightening U Bolt
13	Bracket
14	Waling Bracket
15	Manual Jack
16	Preload jack
17	King Post
A	Steel Deck
B	Stage Post
C	Girder Beam
D	Cross Beam
E	Pile Head

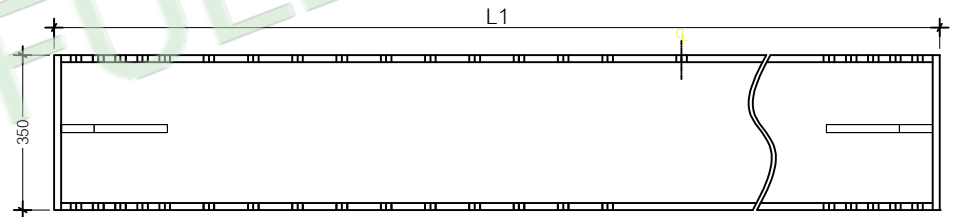
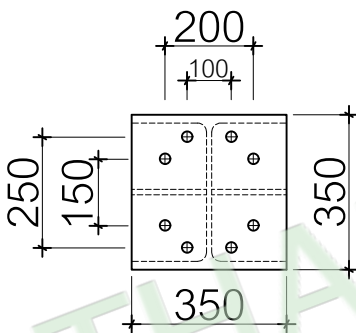
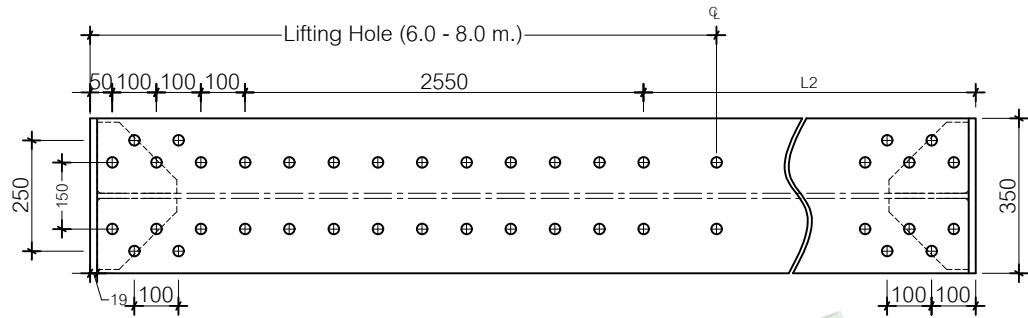
# SHAPES AND DIMENSION OF STEEL SUPPORT SERIS



# SHAPES AND DIMENSION OF STEEL SUPPORT SERIS

Strut TYPE 35HA

Flange Dimensions of 35HA Length = 3.0 - 8.0 m (Pitch 1.0 m) Weight = 150 Kg/m.



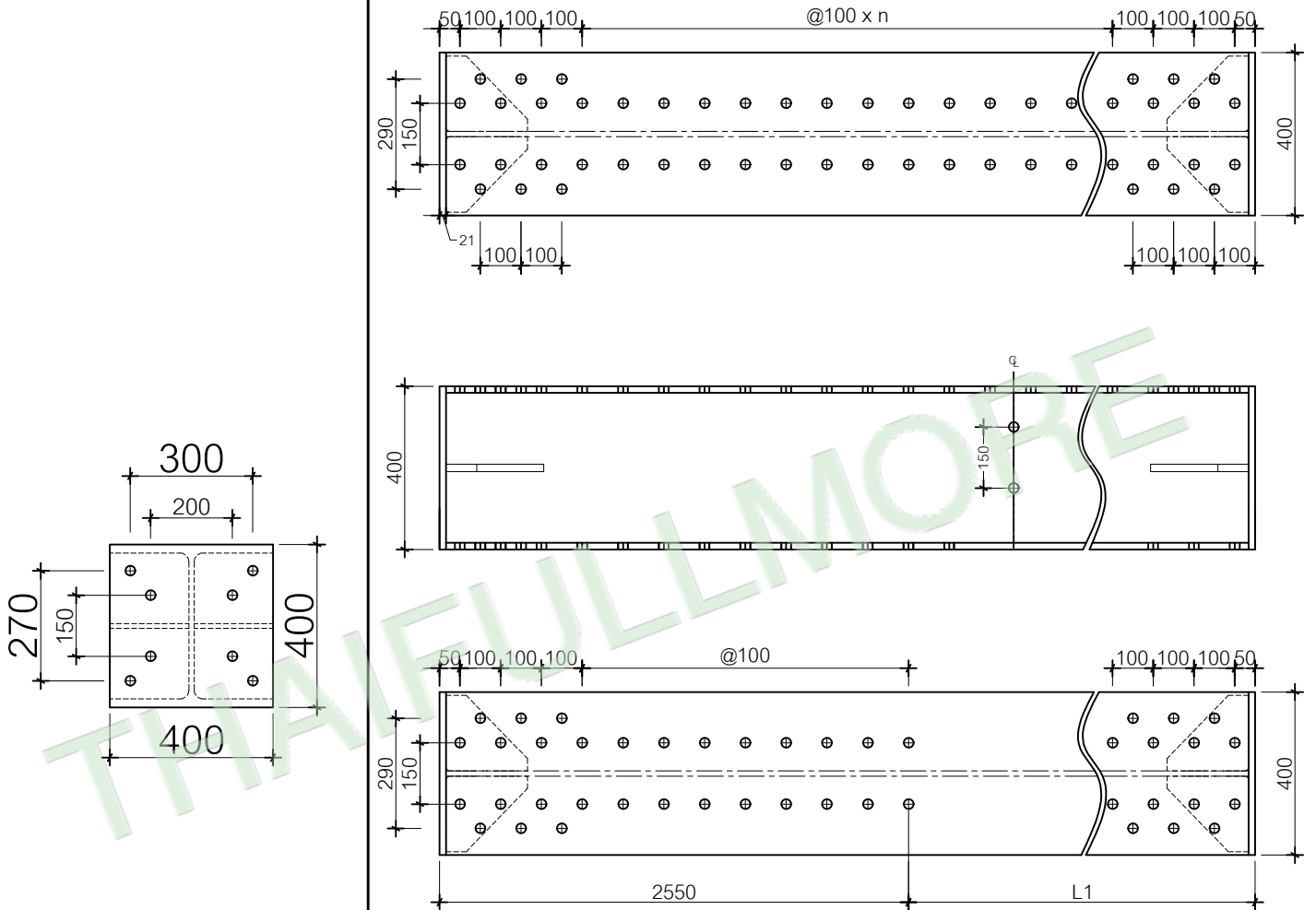
Strut Detail

TYPE	L1	L2
35 HA	3000	450
35 HA	4000	1450
35 HA	5000	2450
35 HA	6000	3450
35 HA	7000	4450
35 HA	8000	5450

# SHAPES AND DIMENSION OF STEEL SUPPORT SERIS

Waling TYPE 40HA

Flange Dimensions of 40HA Length = 3.5 - 8.5 m (Pitch 1.0 m) Weight = 200 Kg/m.



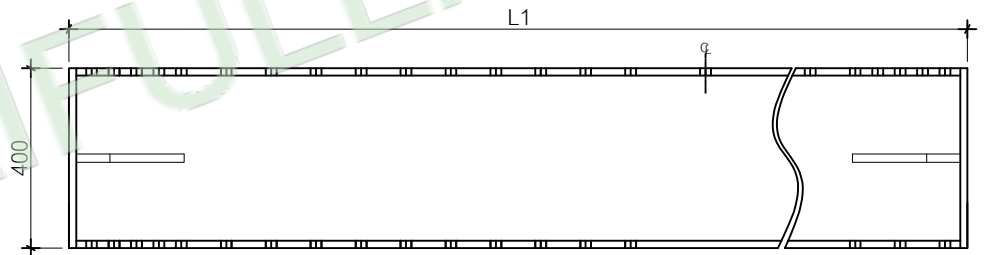
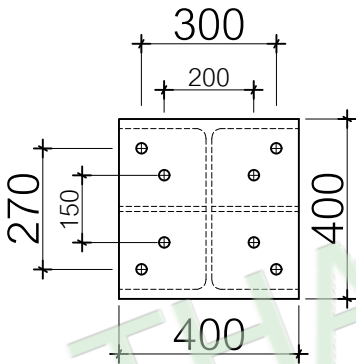
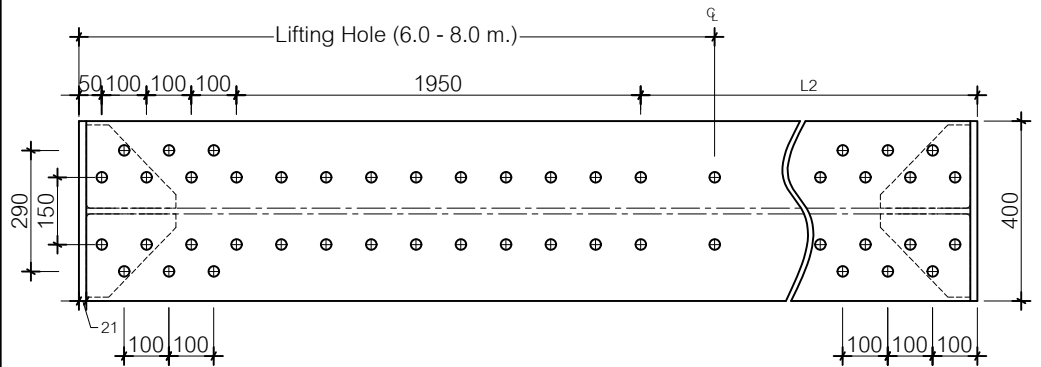
Waling Detail

TYPE	LENGTH	L1
40 HA	3500	950
40 HA	4500	1950
40 HA	5500	2950
40 HA	6500	3950
40 HA	7500	4950
40 HA	8500	4950

# SHAPES AND DIMENSION OF STEEL SUPPORT SERIS

Strut TYPE 40HA

Flange Dimensions of 40HA Lenght = 3.0 - 8.0 m (Pitch 1.0 m) Weight = 200 Kg/m.

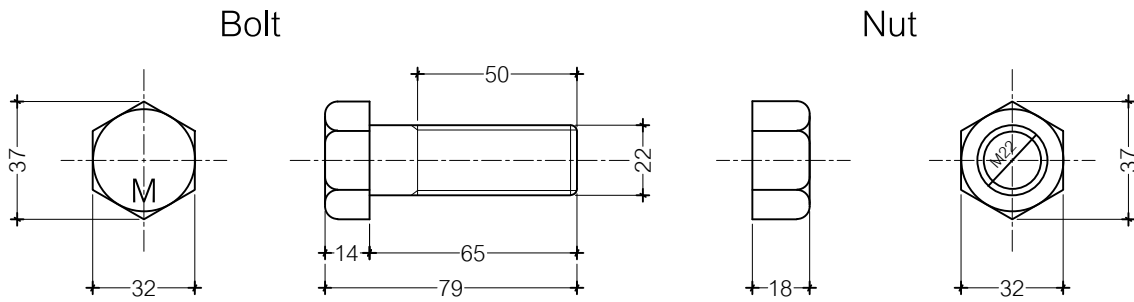


Strut Detail

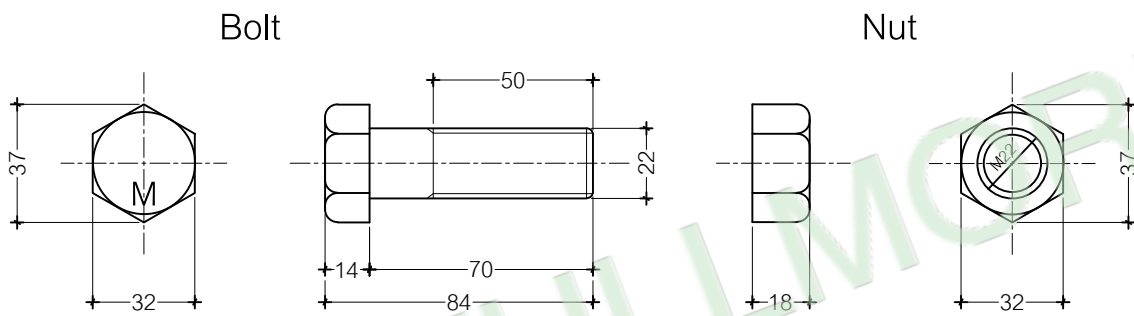
TYPE	L1	L2
40 HA	3000	450
40 HA	4000	1450
40 HA	5000	2450
40 HA	6000	3450
40 HA	7000	4450
40 HA	8000	5450

# B PARTS

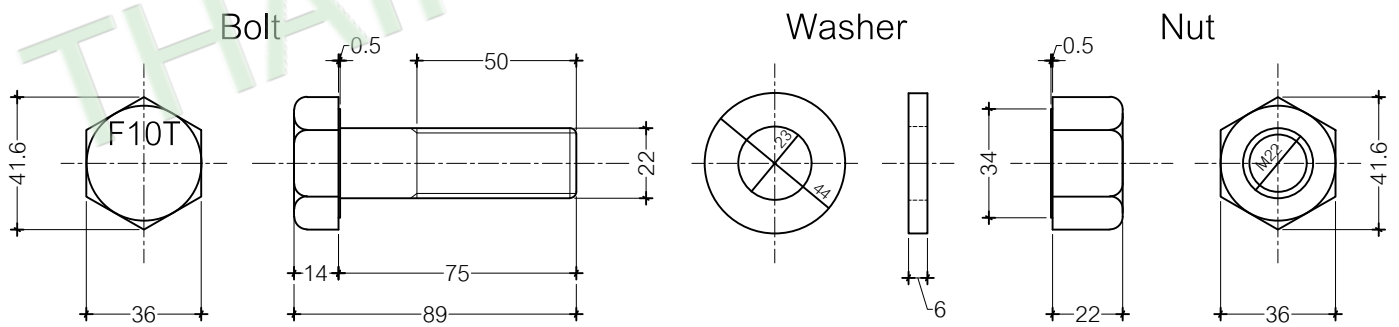
Bolt - Nut BN-65



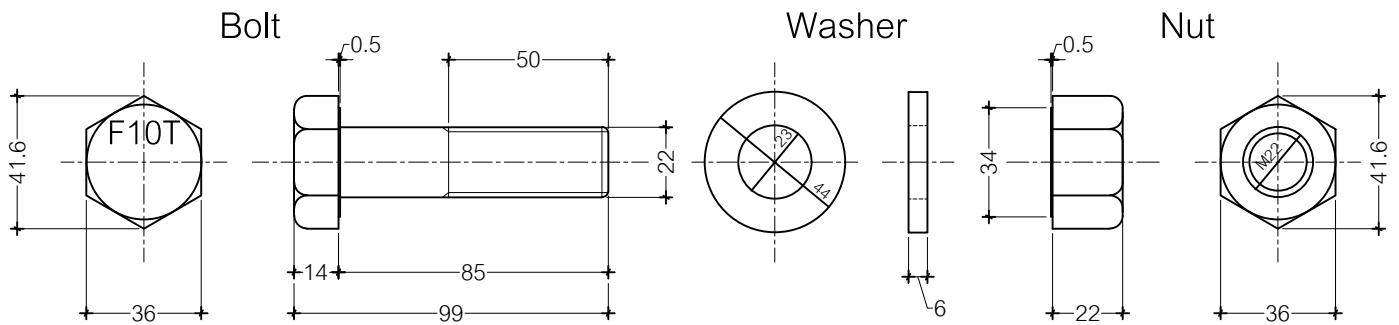
Bolt - Nut BN-70



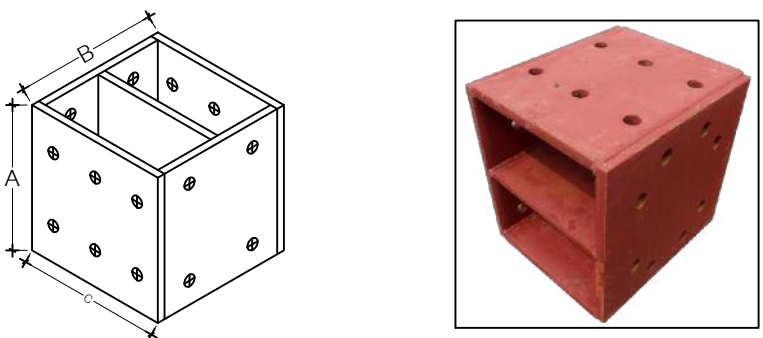
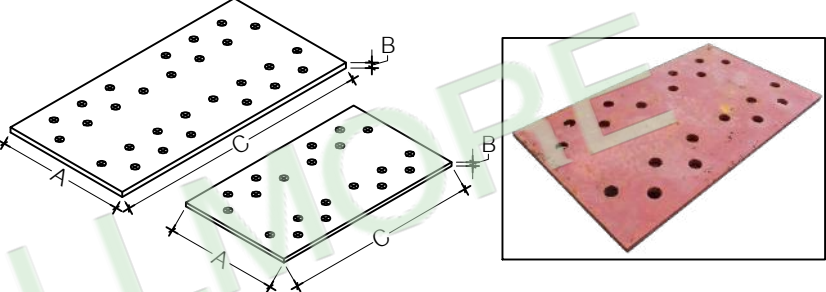
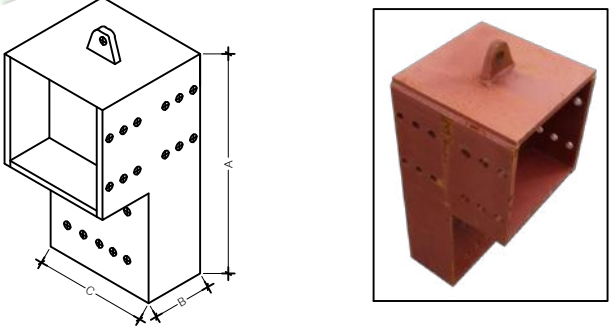
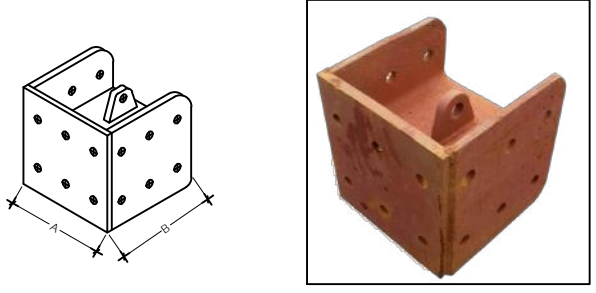
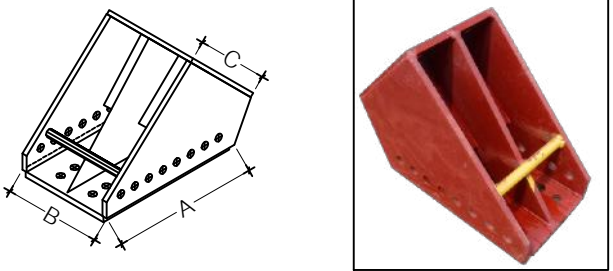
High Tension Bolt - Nut BNF-75



High Tension Bolt - Nut BNF-85



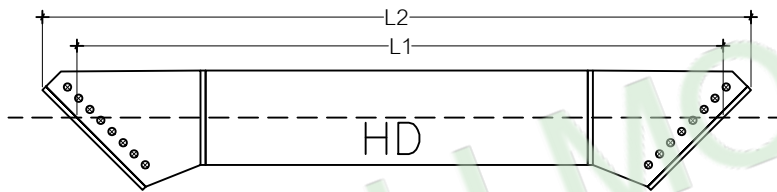
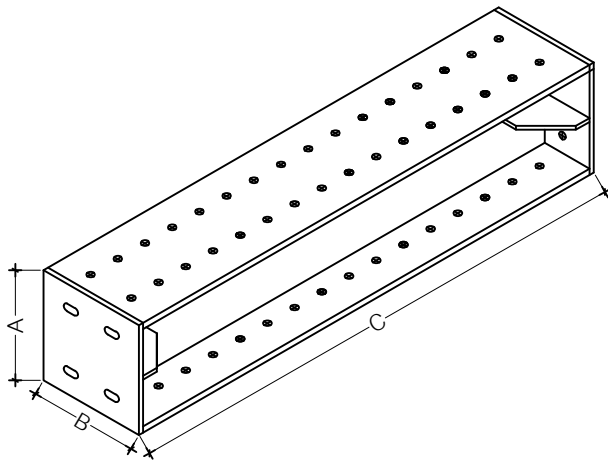
# A PARTS

Article No	Symbol			Weight (kg)	Dimension(mm.)			Detail
	40HA	35HA	30HA		A	B	C	
Distance Piece 40 D-5	●			144	400	400	500	
40 D-3	●			100	400	400	300	
40 D-2	●			80	400	400	200	
40 D-1	●			55	400	400	100	
35 D-5		●		108	350	350	500	
35 D-3		●		80	350	350	300	
35 D-2		●		65	350	350	200	
35 D-1		●		43	350	350	100	
Cover Plate 40 P	●			40	400	16	800	
35 P		●		20	350	12	600	
Corner Piece 40 CN	●			185	800	206	400	
35 CN		●		130	700	181	350	
Corner Piece 30 CN			●	38	300	300		
Diagonal Brace Receiving Piece 40 VP	●			76	450	348	300	
35 VP		●		70	450	302	300	
30 VP			●	66	450	260	300	

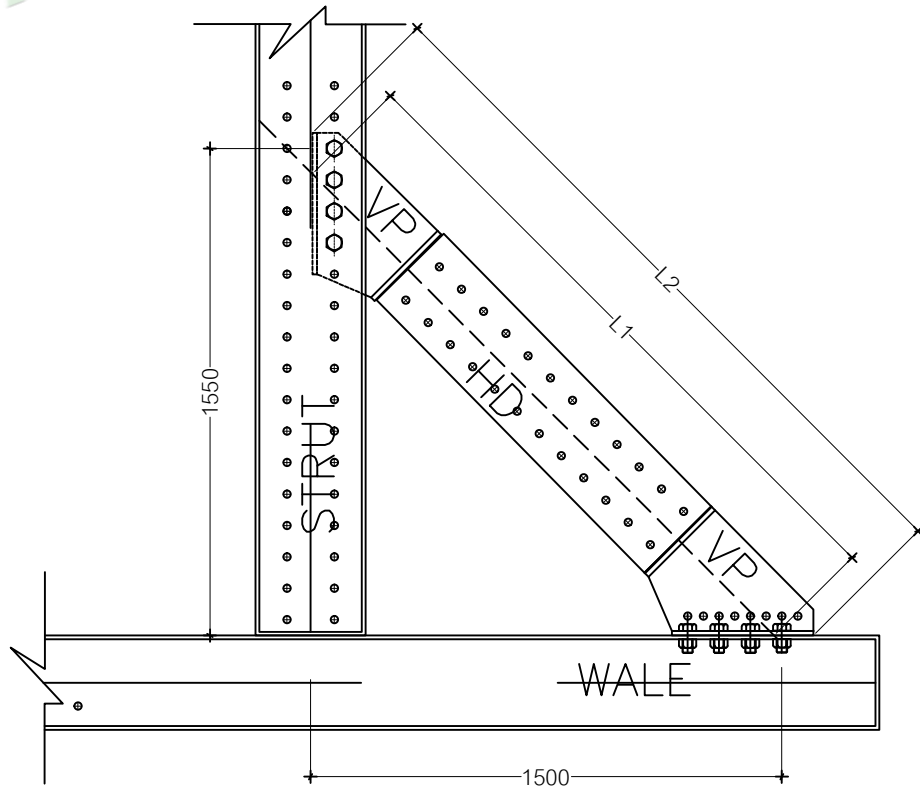




# Diagonal Assembly set

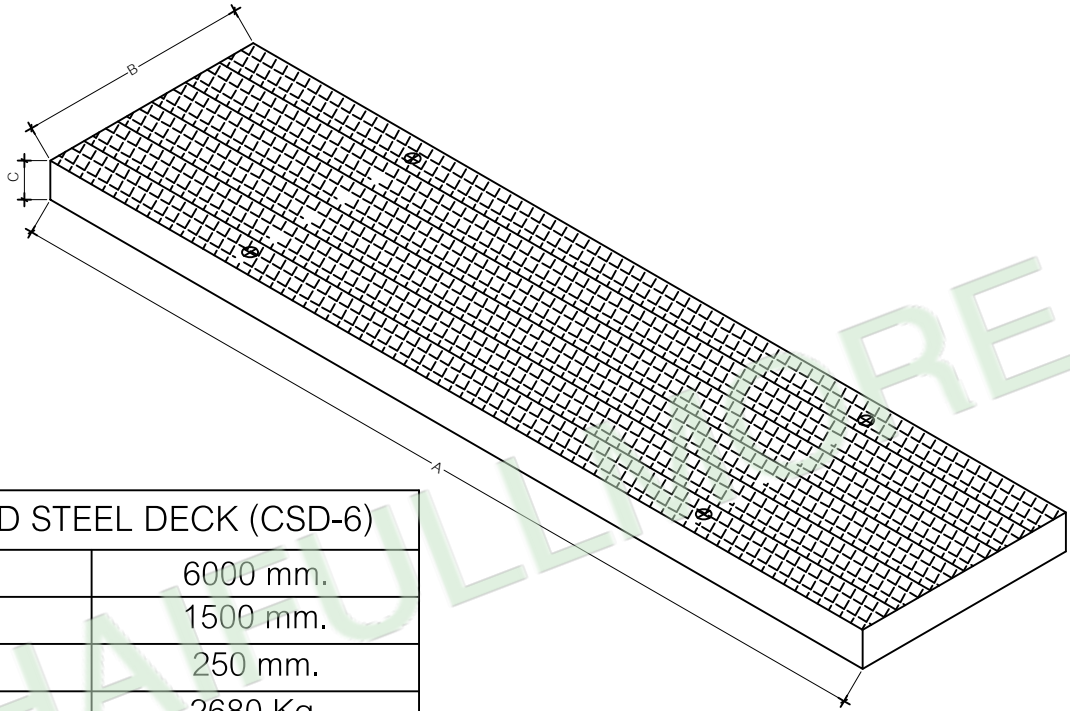


Diagonal Set						
TYPE	L1	L2	A	B	C	Weight
30HD	2077 mm.	2258 mm.	300	300	1217	139 kg/pcs
35HD	2077 mm.	2258 mm.	350	350	1217	206 kg/pcs
40HD	2077 mm.	2258 mm.	400	400	1217	266 kg/pcs



# Deck

## CHECKERED STEEL DECK

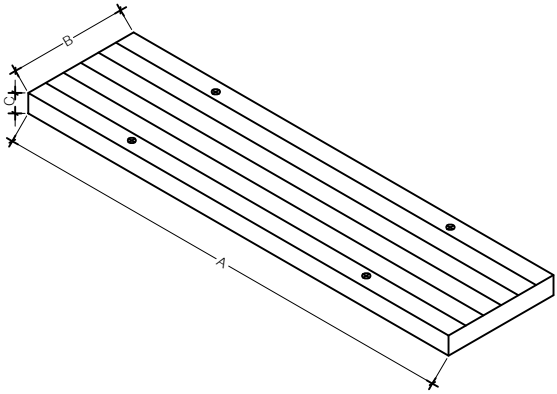


CHECKERED STEEL DECK (CSD-6)	
A	6000 mm.
B	1500 mm.
C	250 mm.
Weight	2680 Kg.

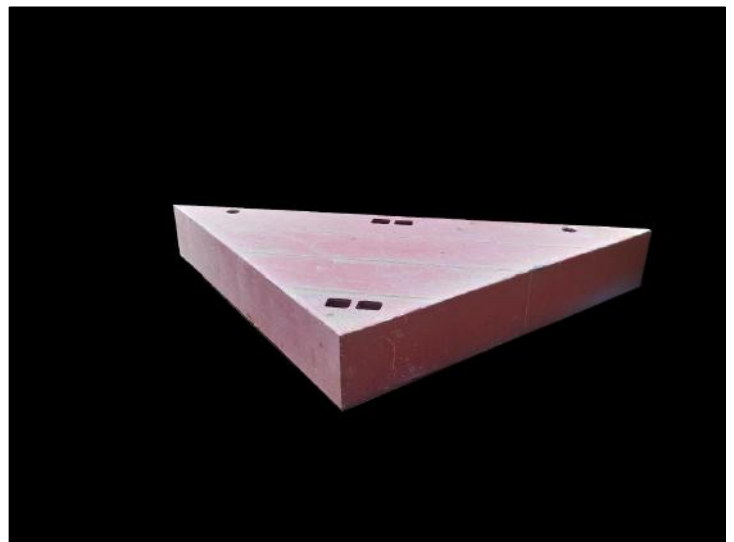
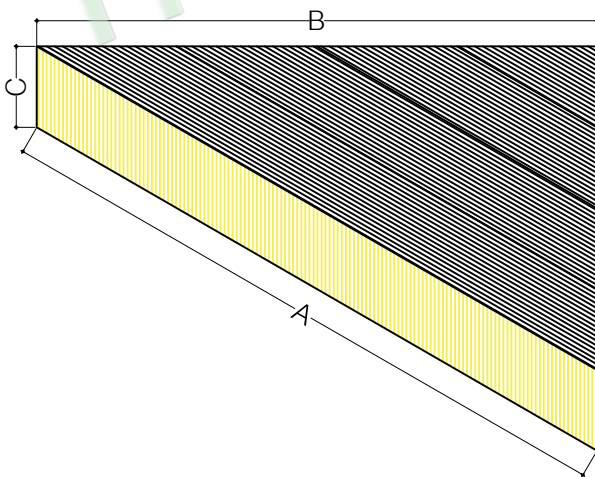


# Deck

## STEEL DECK & CONNER DECK



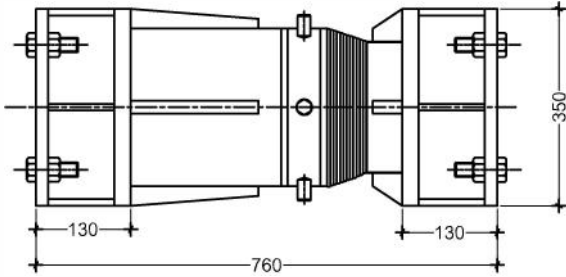
STEEL DECK (SD-6)	
A	6000 mm.
B	1500 mm.
C	250 mm.
Weight	2590 Kg.



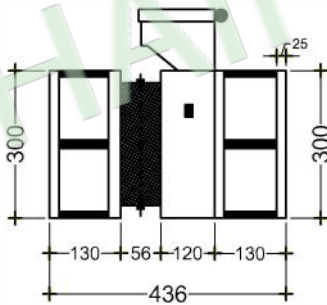
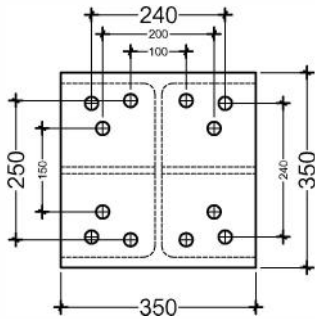
CONNER DECK (SD-C2)	
A	2000 mm.
B	1414 mm.
C	250 mm.
Weight	350 kg.

# C PARTS

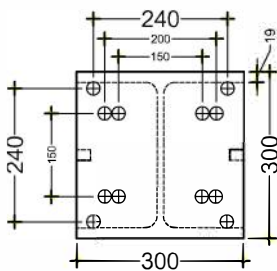
## HYDRAULIC JACK & PRESSURE GAUGE



HYDRAULIC JACK (HJ35)	
Bearing Capacity	240 ton
Hydraulic Pressure	200 ton
Hydraulic Stroke	150 mm.
Standard Length	760 mm.
Weight	280 kg/pcs



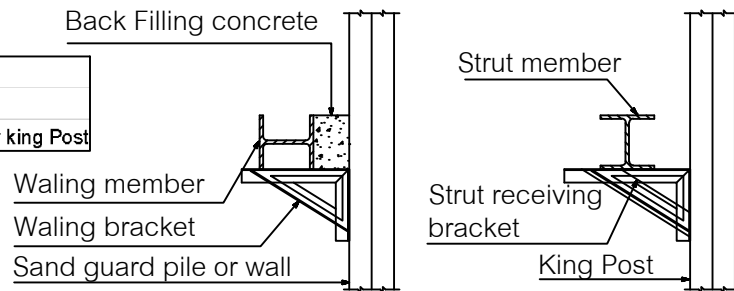
Pressure Gauge (PG300)	
Capacity	300 ton
Stroke	10 mm.
Weight	182 kg/pcs



# INSTALLATION AND ASSEMBLY OF COMPONENTS

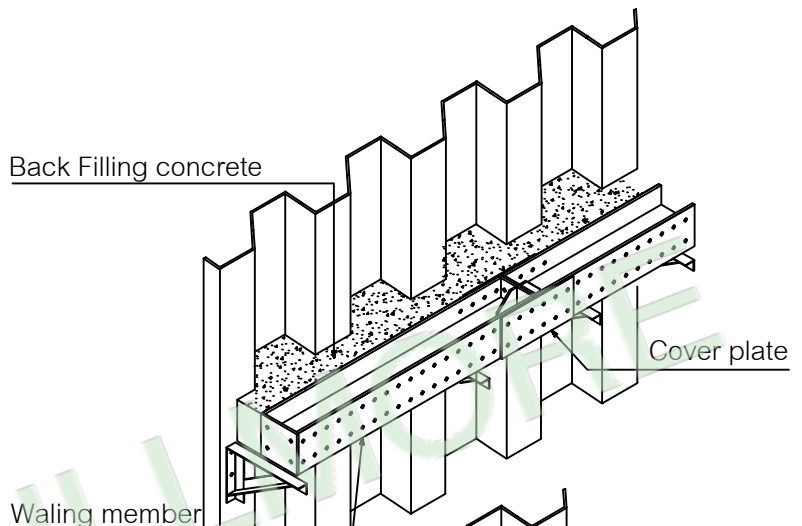
## MOUNTING OF BRACKET

- 1 Mount 2 pieces of BL60 per waling member.
- 2 For strut receiving. Mount one piece of BL75 per king Post



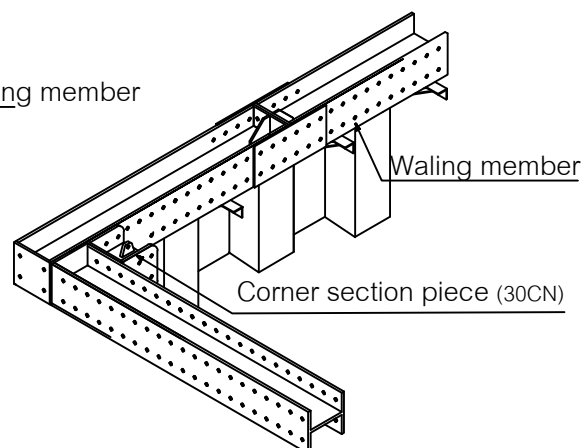
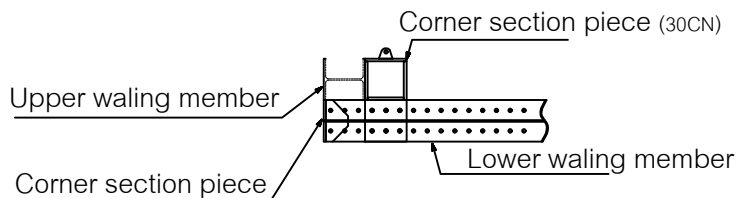
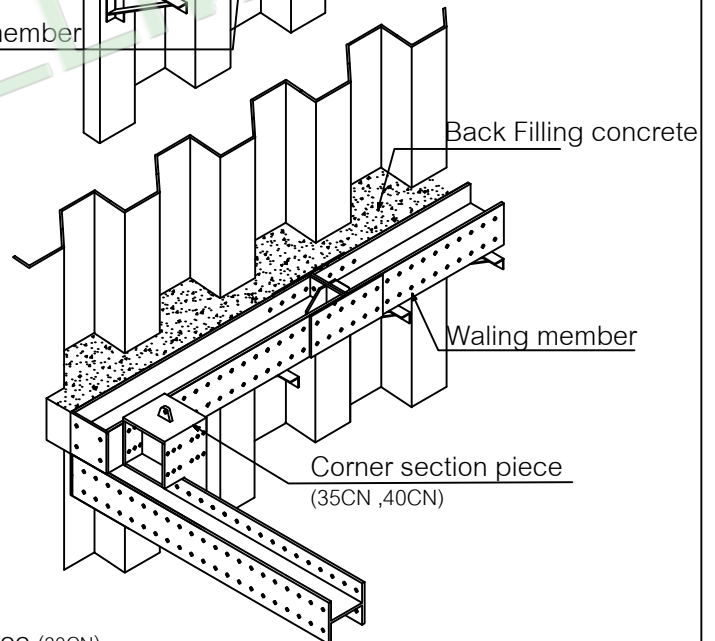
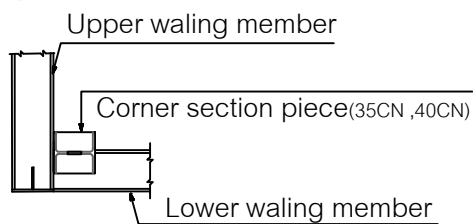
## ASSEMBLY OF WALING

- 1 Carry out the installation work according to the arrangement of the assembly drawing. In the order lower then upper stages.
- 2 The standard clearance between the sand guard wall and the waling member is 10cm.
- 3 The length shortage of less than 50cm. Is corrected by adding the auxiliary piece to the waling end.
- 4 It is desirable to set temporarily the cover plate at the soil guard side before the waling member is installed.



## MOUNTING OF CORNER

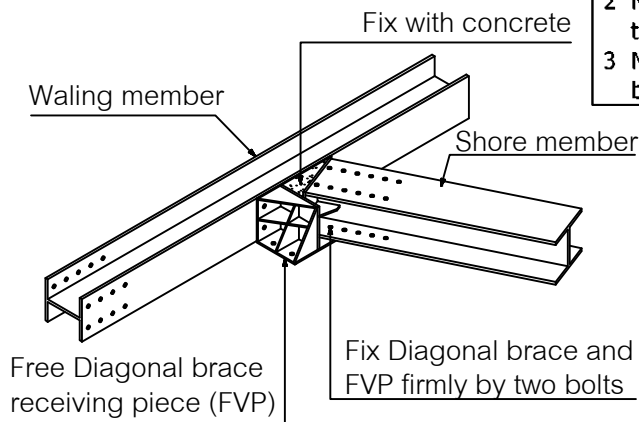
- 1 It is desirable to mount the corner piece before the waling election is installed



# INSTALLATION AND ASSEMBLY OF COMPONENTS

## MOUNTING OF FREE DIAGONAL BRACE RECEIVING PIECE (FVP)

- 1 Fix FVP at the waling member by using of thr bolts.
- 2 Mount the beam main member and diagonal brace main member with the desired angle at FVP
- 3 Make Gas hole in the FVP and apply the bolts and fix the horizontal brace main member



## ASSEMBLY OF STRUT

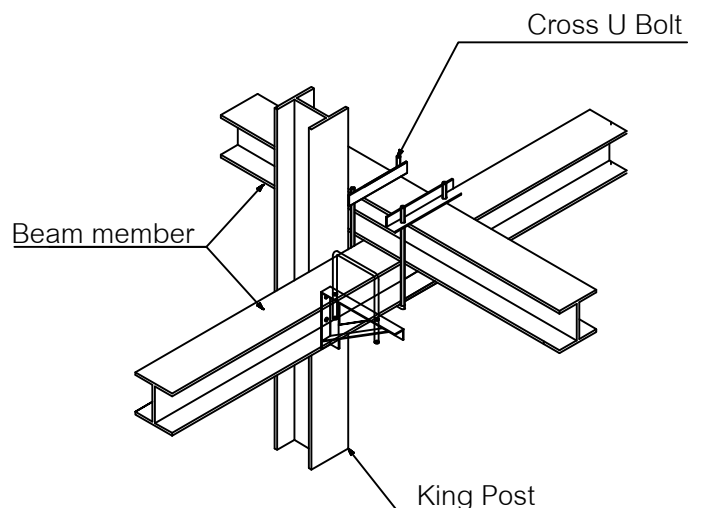
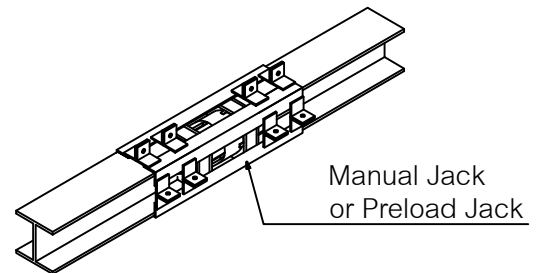
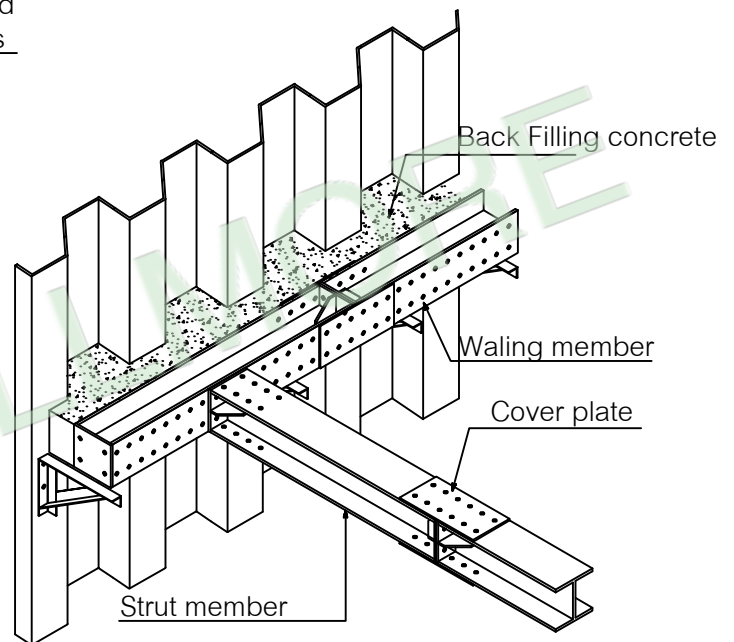
- 1 Carry out installation and assembly in the order lower then upper stages.
- 2 Mount the members in alignment to the specified center.
- 3 In case a large deviation is needed due to the position of the support pile. Examine the span division possibility.
- 4 It is desirable to fix temporarily the cover plate at the lower side before the strut is installed.
- 5 If the shortage of the beam length is less than 50cm. add the auxiliary piece and extend the manual jack.
- 6 Adjust the manual jack within the capable range of 450-600mm. By using of the jack handle.

## FIXING OF STRUT

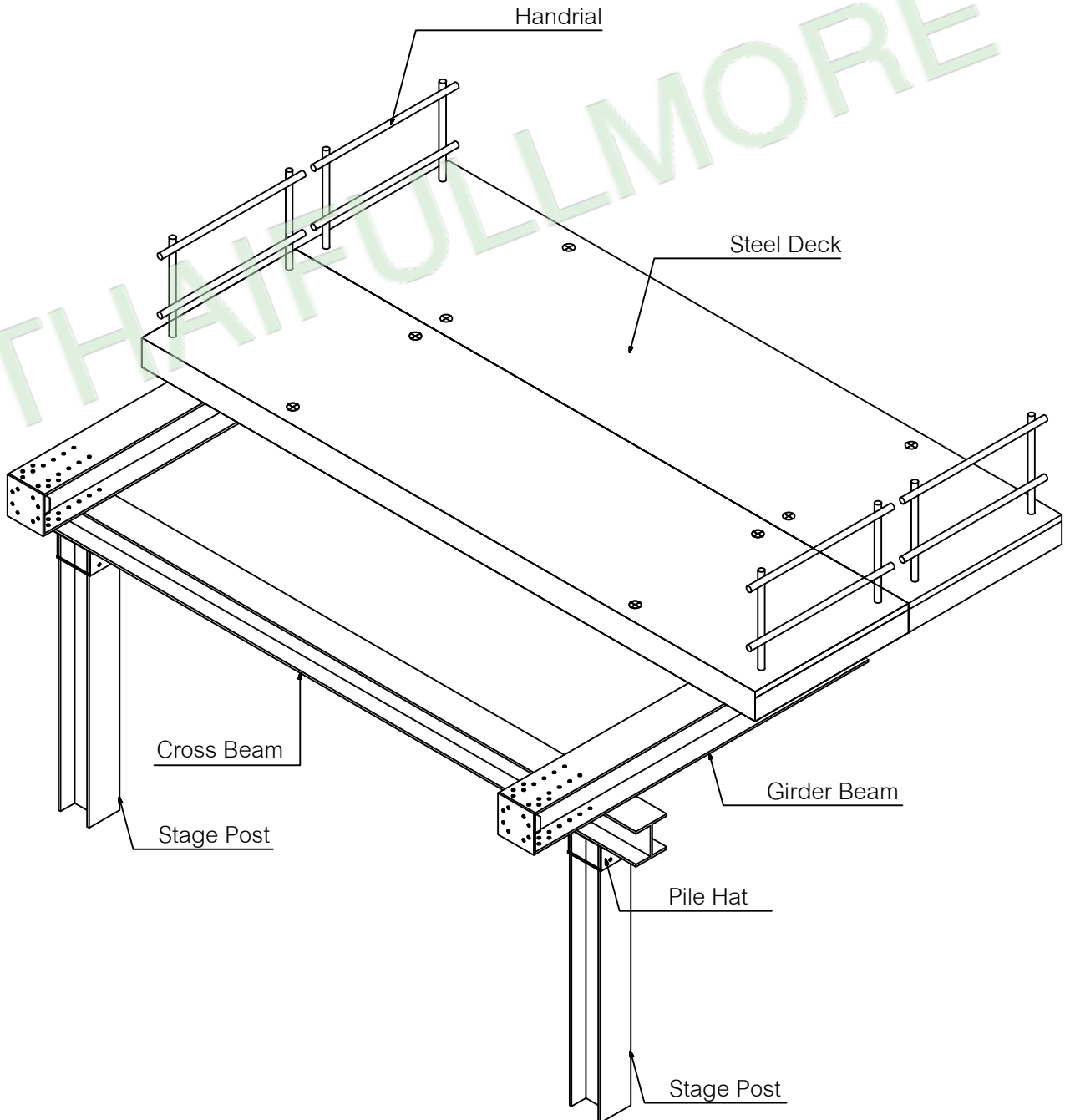
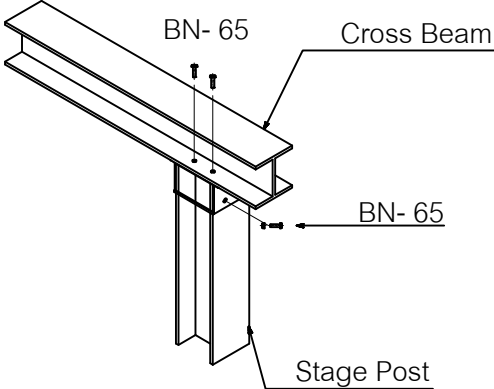
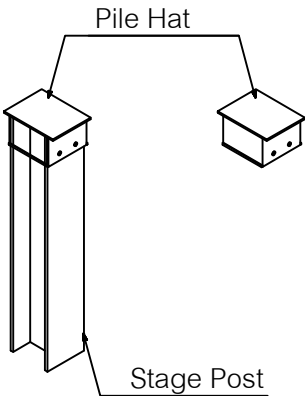
- 1 Check the centering position of the strut. If necessary. modify it.
- 2 Drill holes in the strut bracket and apply the tightening stud bolts and fix the lower beam.
- 3 Apply the crossing section piece and stud bolts and fix the cross section of the upper and lower stage struts. Make this arrangement at every crossing
- 4 Before the jack-up is applied.set the stud bolts tentatively (rather loosely). Then retighten them firmly after the jack-up

## MOUNTING OF DIAGONAL RECEIVING BEAM

- 1 Mount tentatively the diagonal brace receiving piece by using of the bolts.
- 2 Set the strut side on the strut flange and adjust the position of holes at the waling and strut sides.
- 3 Insert the bolts to the waling/ diagonal brace receiving piece and the strut/diagonal brace receiving piece. Retighten them firmly.
- 4 In case a gap is found between the diagonal brace and diagonal brace receiving piece.insert the liner plate or wedge and retighten the bolts firmly.

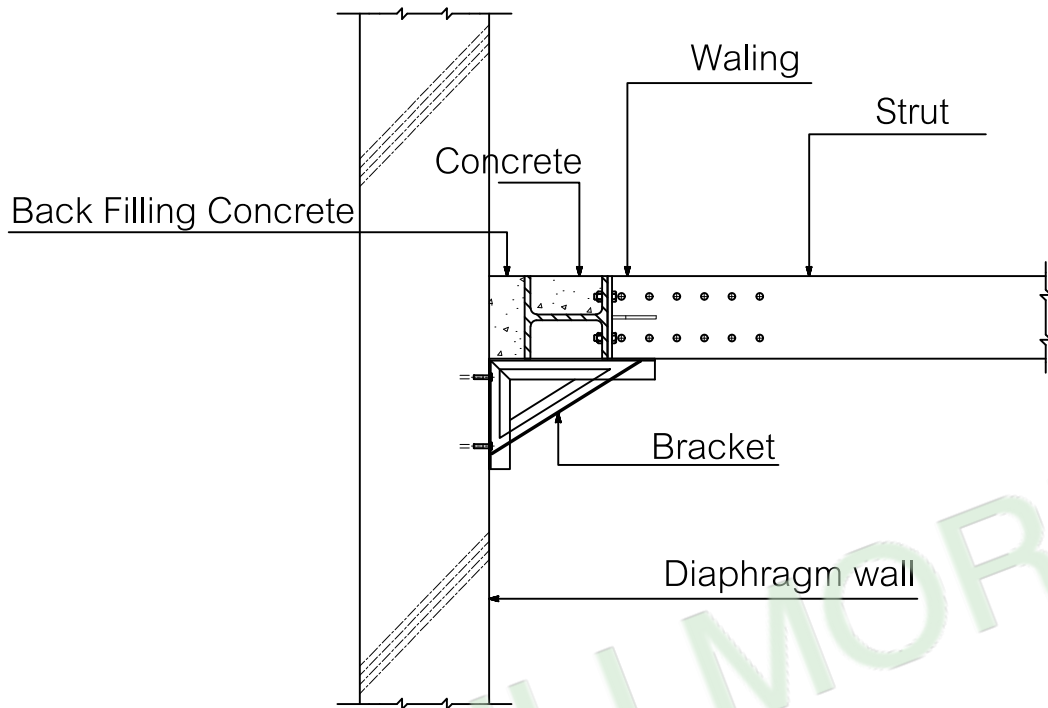


# INSTALLATION AND ASSEMBLY OF COMPONENTS

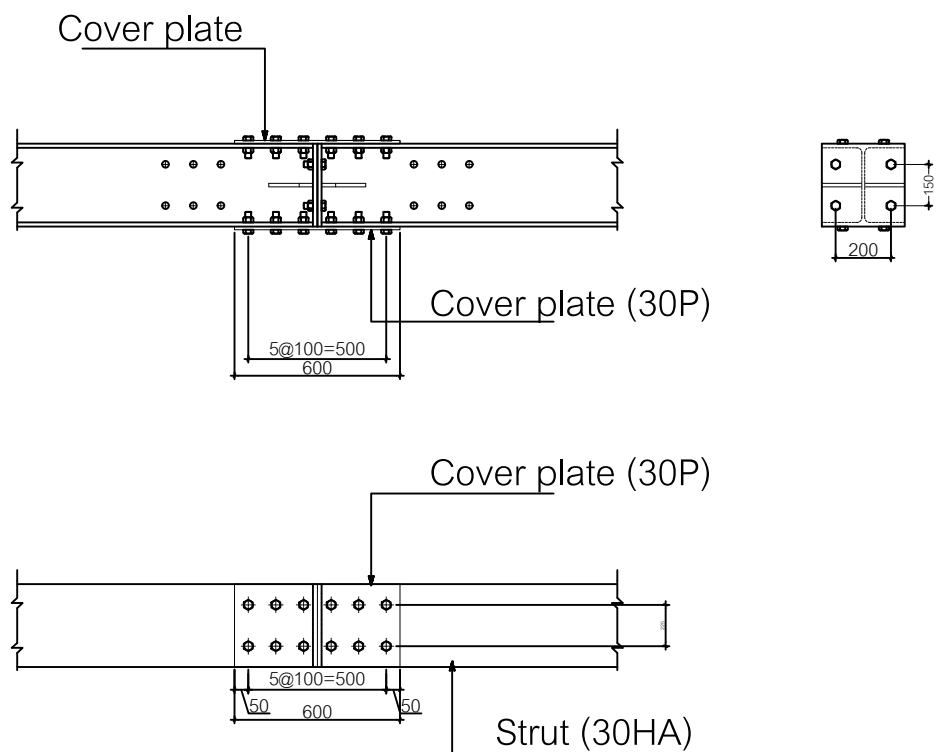




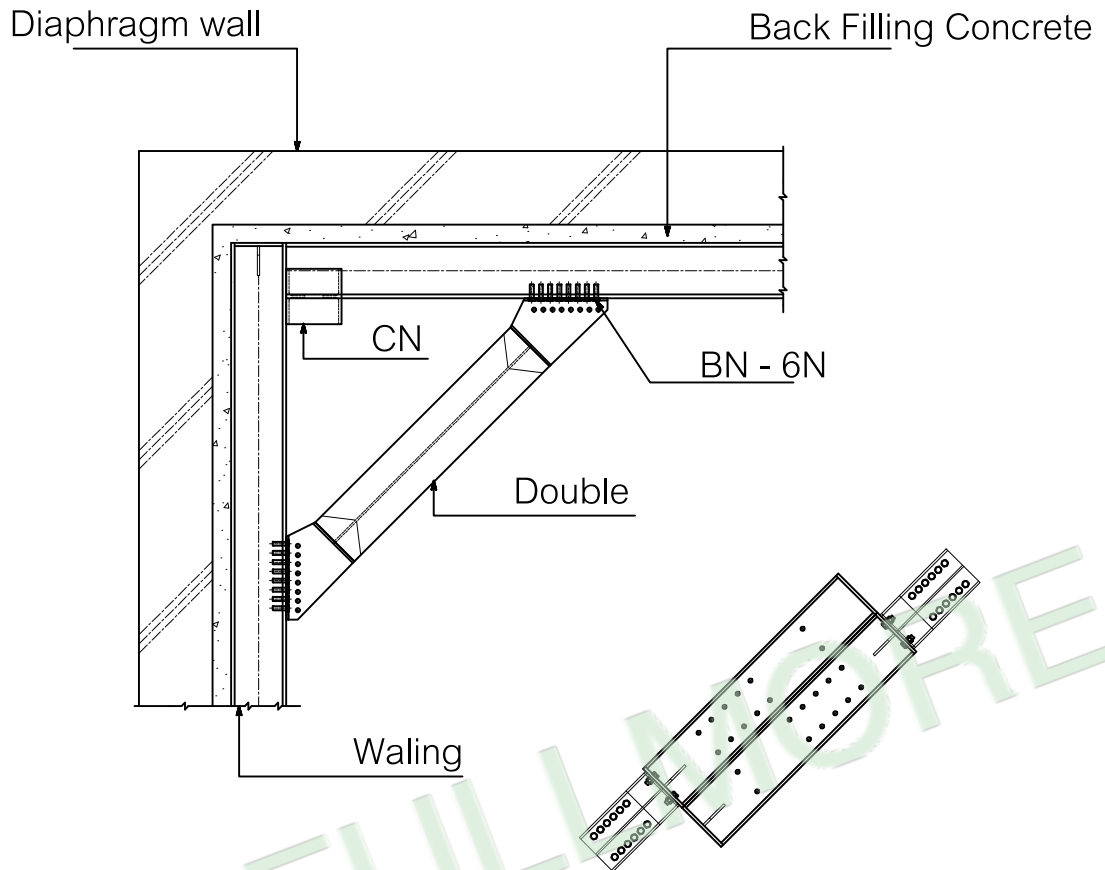
# Connection Detail of Bracket & Diaph.Wall



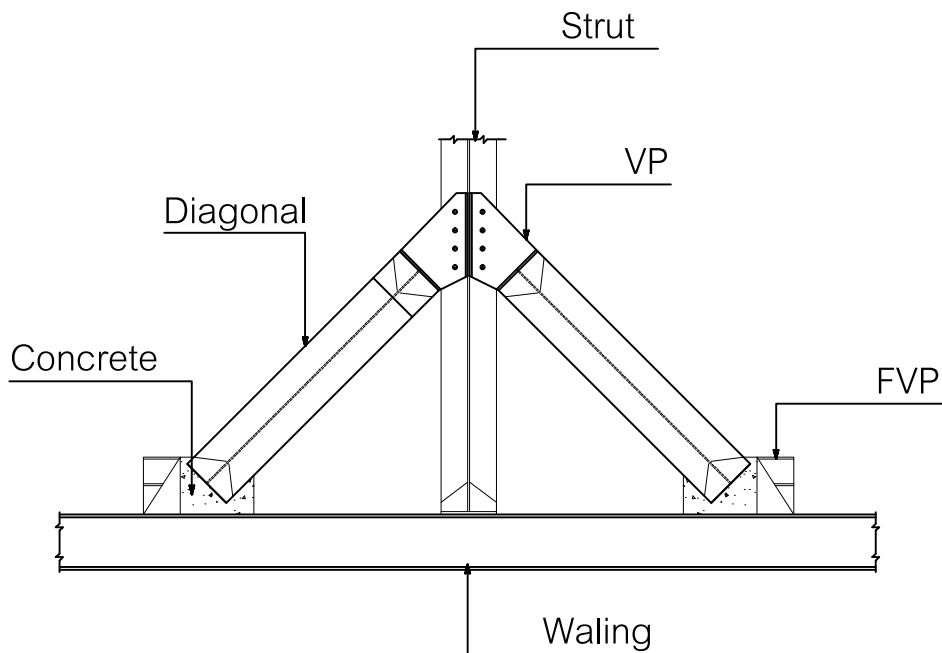
# Connection Detail of Struts



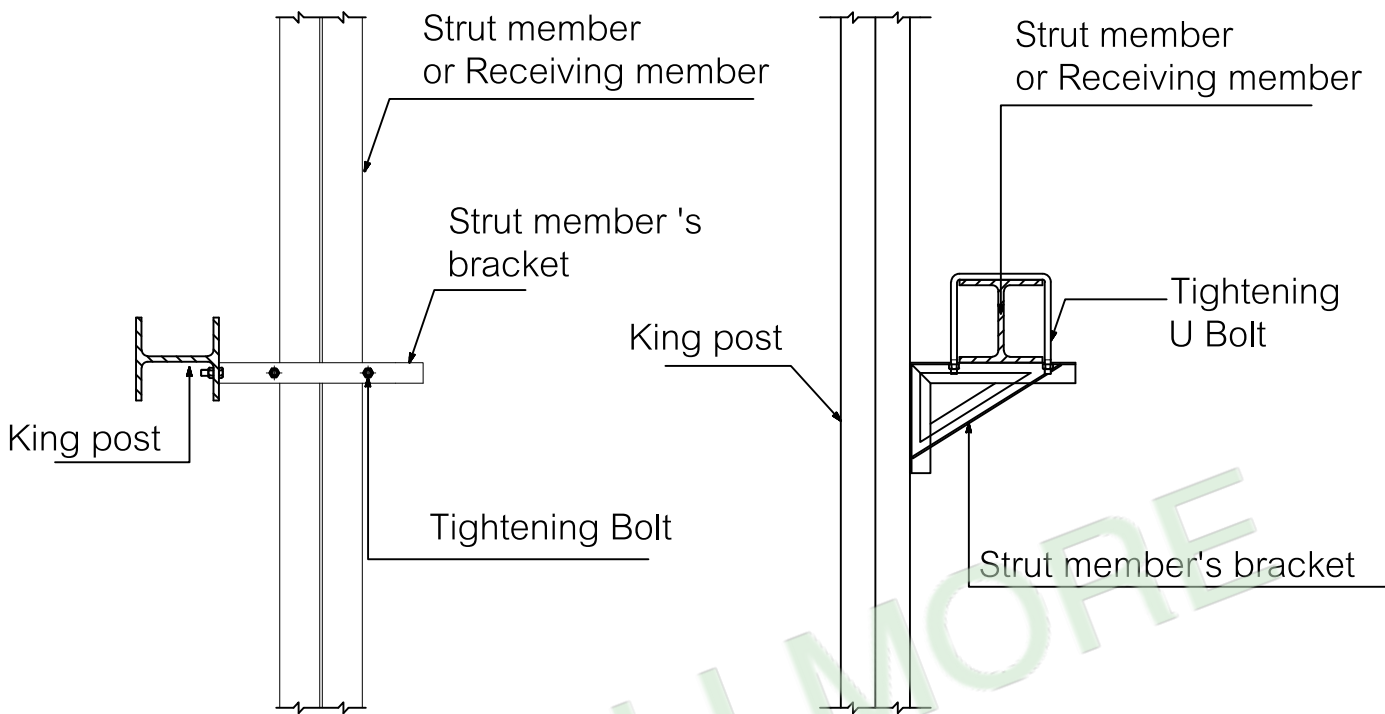
# The Detail of Corner Brace's Installation



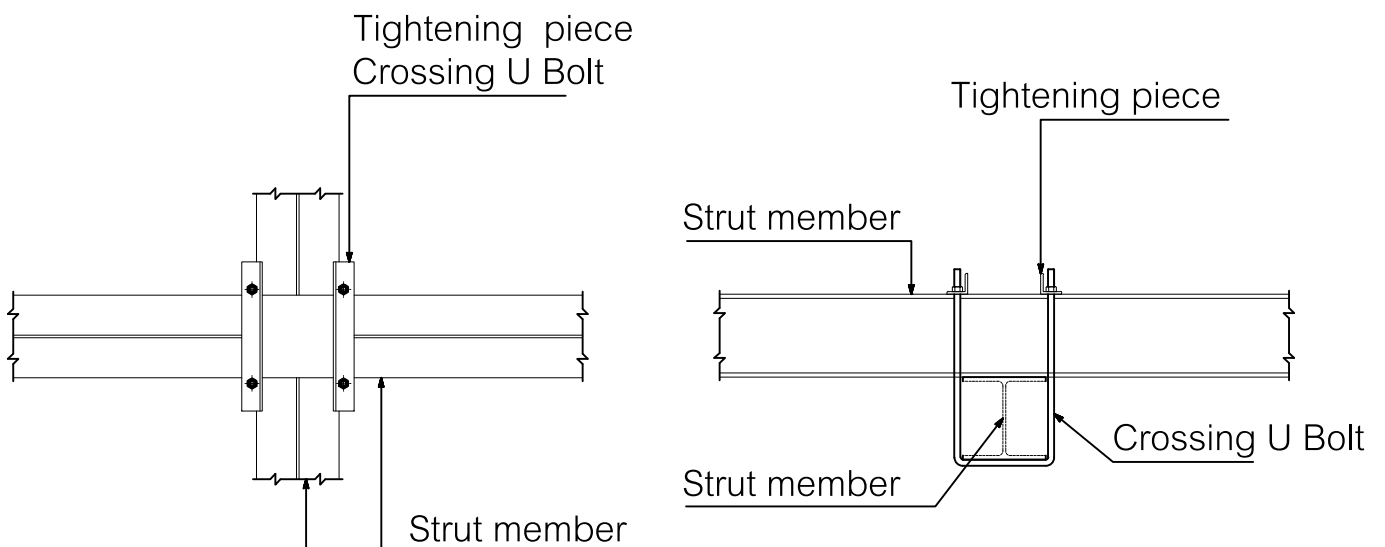
# The Detail of Brace's Installation



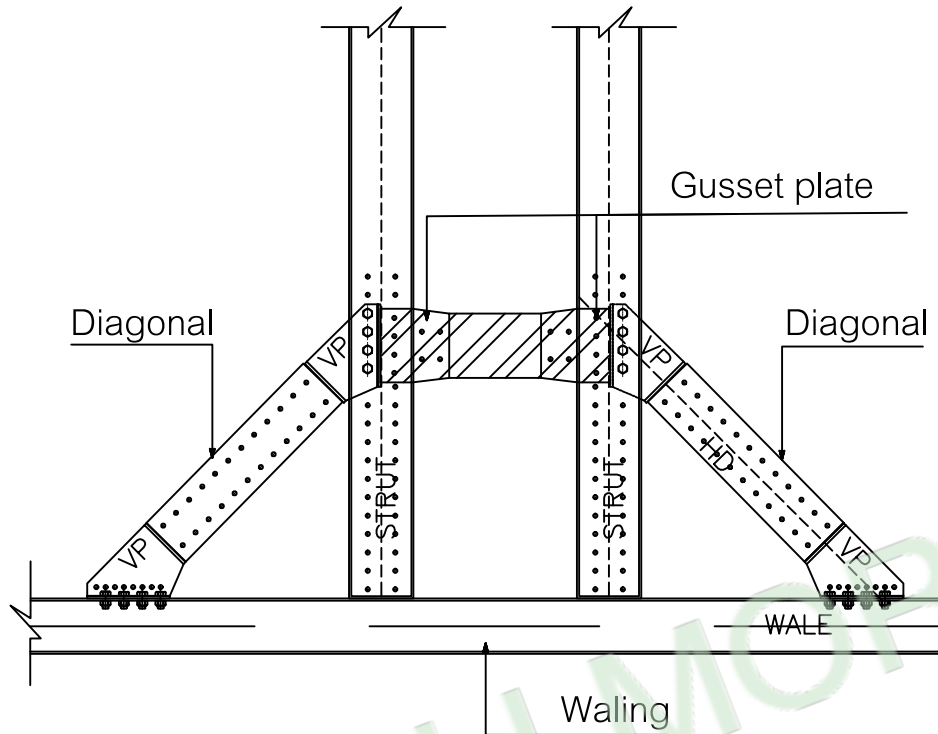
# The Installation Detail of Tightening Section



# The Installation Detail of Crossing Section



# The Installation Detail of Tightening Section



## MOUNTING OF HORIZONTAL BRACE RECEIVING BEAM

1. Mount tentatively the horizontal brace receiving Piece by using of the bolts.
2. Set the strut side on the strut flange and adjust the position of holes at the waling and strut side.
3. Insert the bolts to the waling/horizontal brace receiving piece ,Retighten them firmly.
4. In case a gap is found between the horizontal brace and horizontal brace receiving piece.insert the liner plate or wedge and retighten the bolts

