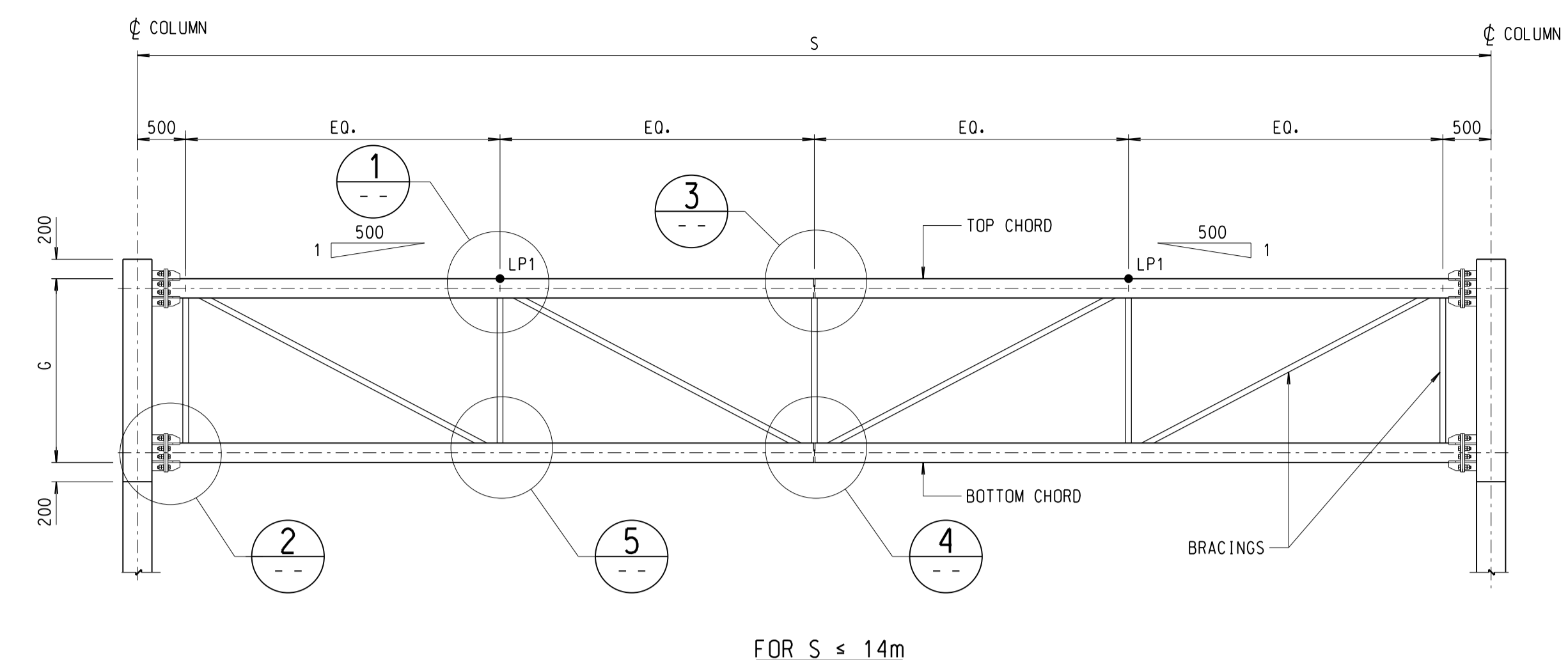


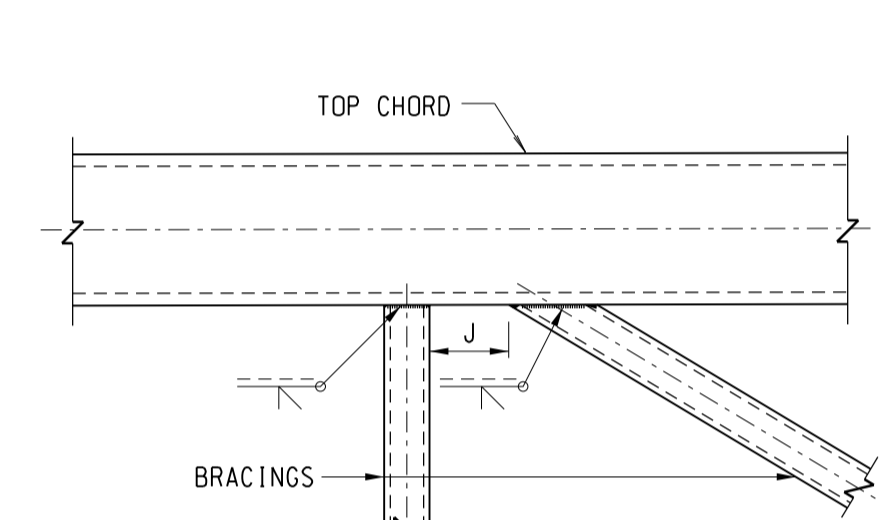
FOR $14m < S \leq 18m$



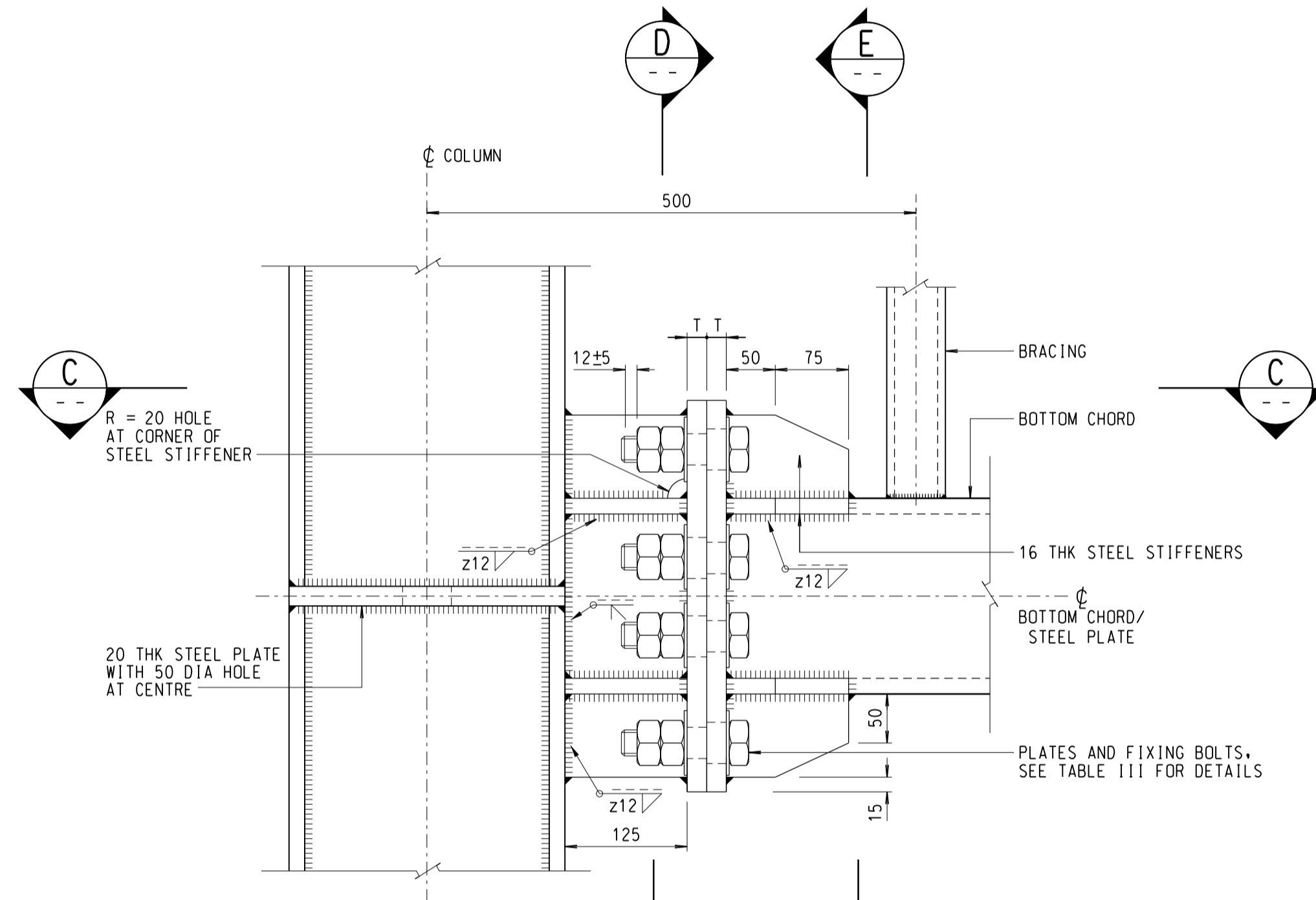
FOR $S \leq 14m$

ELEVATION OF GANTRY FRAME

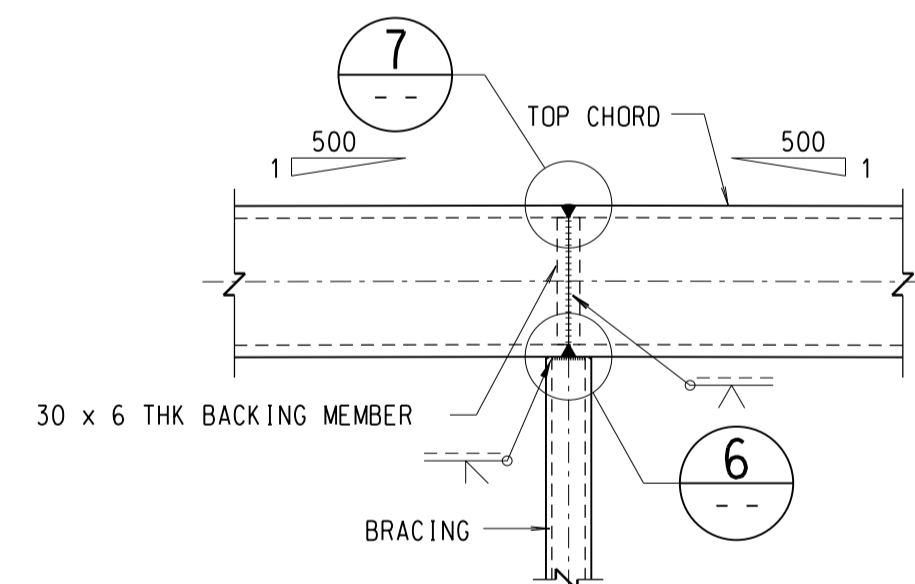
SCALE 1:50



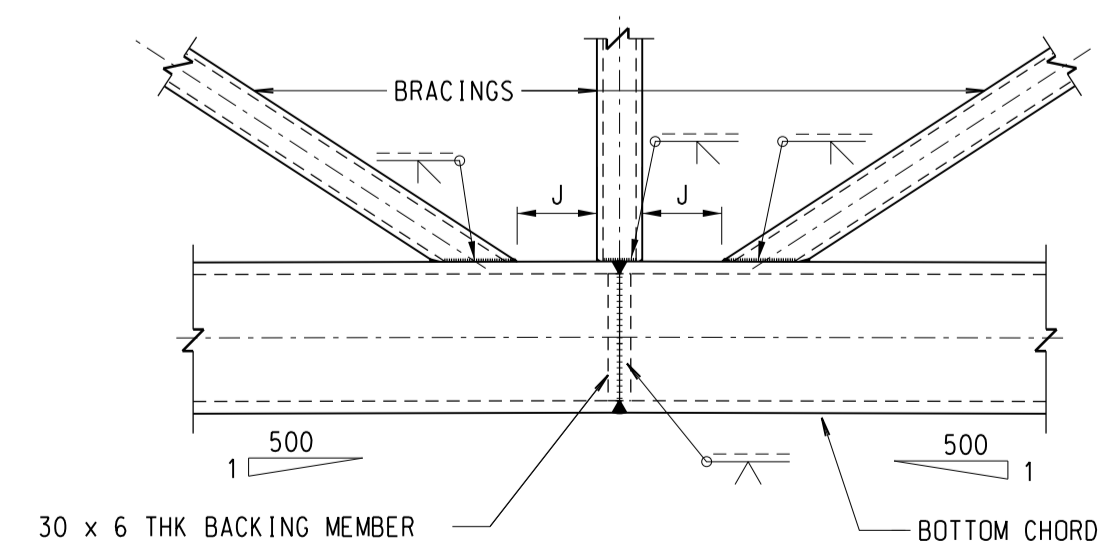
DETAIL 1
SCALE 1:10
(DETAIL 5 SIMILAR)



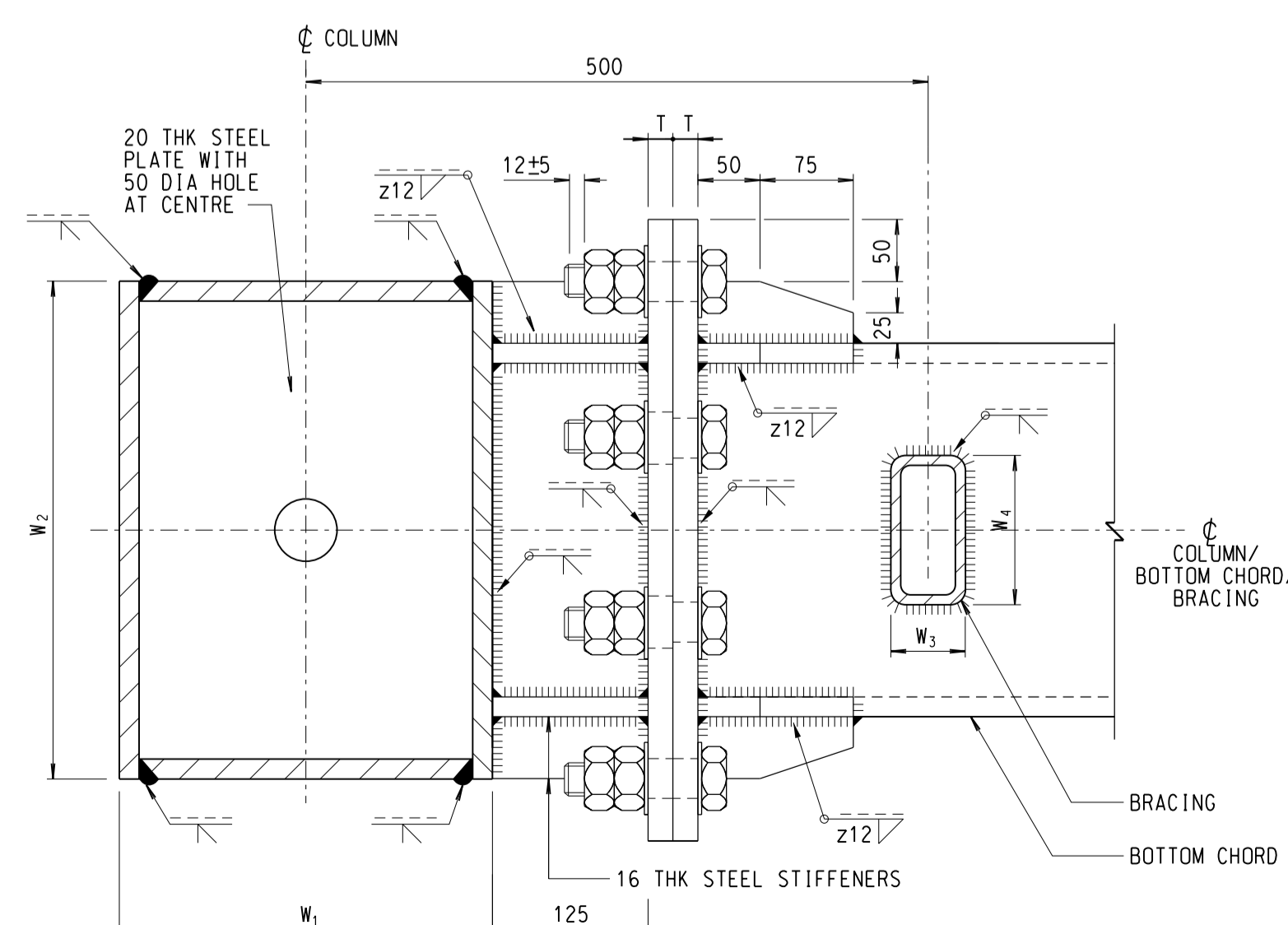
DETAIL 2
SCALE 1:5



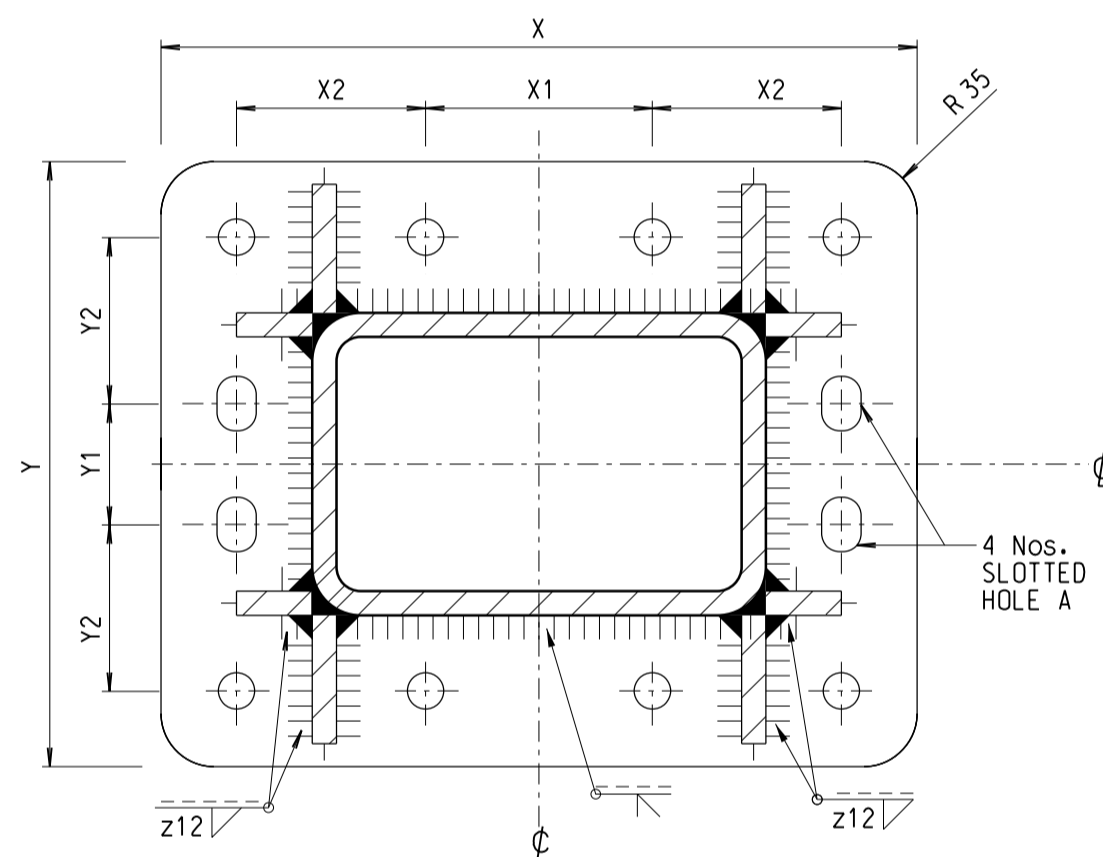
DETAIL 3
SCALE 1:10



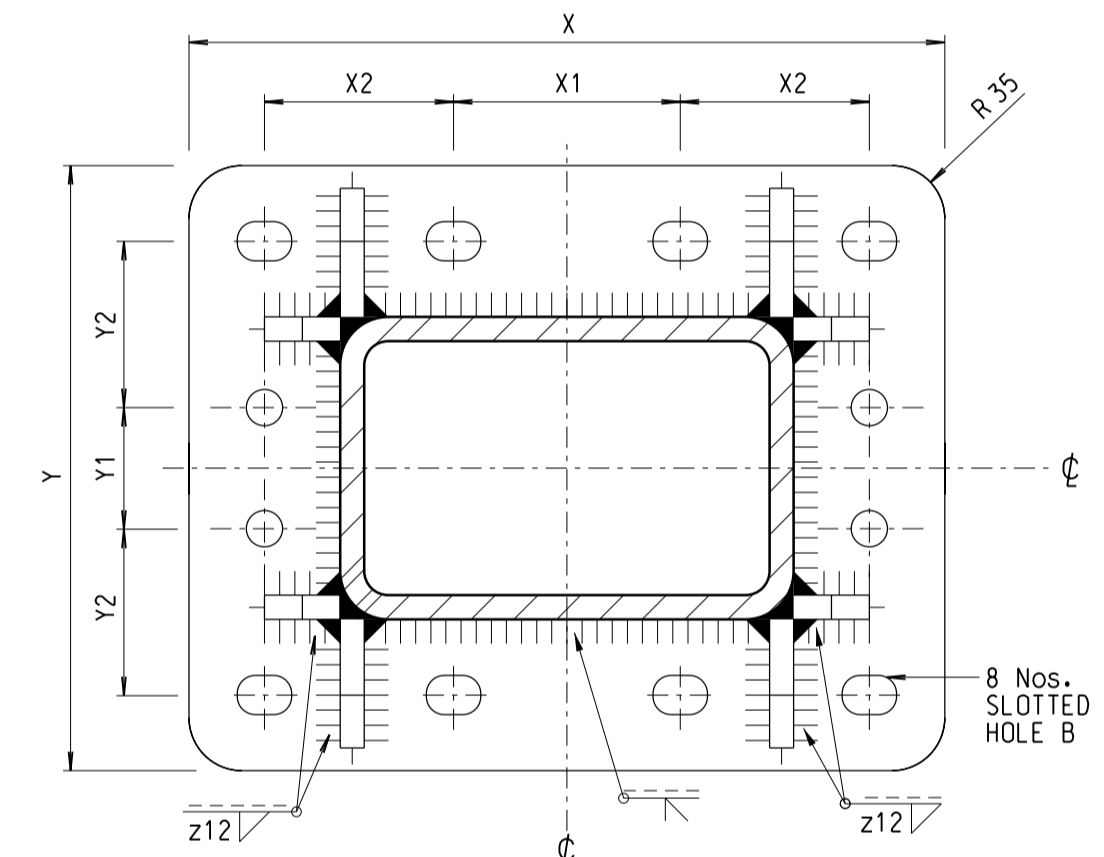
DETAIL 4
SCALE 1:10



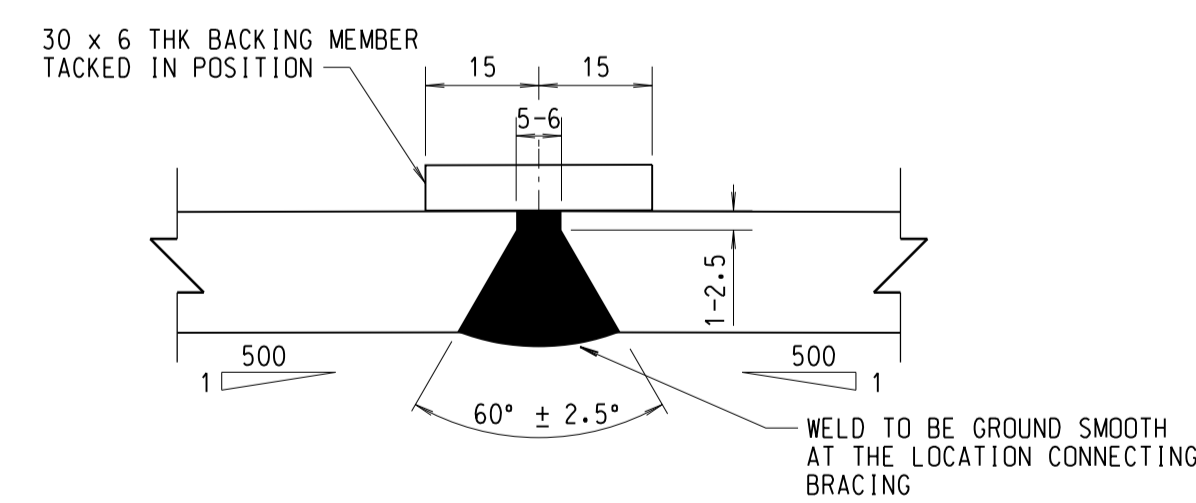
SECTION C
SCALE 1:5



SECTION D
SCALE 1:5
(BOLTS NOT SHOWN)



SECTION E
SCALE 1:5
(BOLTS NOT SHOWN)



DETAIL 6
SCALE 1:1
(DETAIL 7 SIMILAR BUT HANDED)

TABLE III - GANTRY TRUSS FRAME DETAILS

GANTRY TYPE	TOP & BOTTOM CHORD MEMBER	BRACING MEMBER (W ₁ x W ₂ x THK)	GAP BETWEEN BRACING MEMBERS (mm)	SPLICE FIXING BOLTS				SPLICE CONNECTION PLATE			SLOTTED HOLE		
				SIZE	X1 (mm)	X2 (mm)	Y1 (mm)	Y2 (mm)	X (mm)	Y (mm)	T (mm)	HOLE A	HOLE B
A	250 x 150 x 16 RHS	60 x 100 x 8 RHS	85	M20	100	125	60	95	450	350	20	22 x 26	26 x 22
B	300 x 200 x 16 RHS	60 x 120 x 8 RHS	105	M24	150	125	80	110	500	400	20	26 x 32	32 x 26
C	350 x 250 x 16 RHS	80 x 140 x 8 RHS	120	M24	150	150	90	130	550	450	25	26 x 32	32 x 26
D	350 x 250 x 16 RHS	80 x 140 x 8 RHS	140	M30	150	150	90	130	550	450	25	33 x 40	40 x 33

- NOTES:
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. NO. SSD151(1).
 - THE CONTRACTOR MAY, IF CONSIDERED NECESSARY, INSERT A MATCHING STEEL PLATE OF 10mm THICK MAX. AT THE SPLICE JOINT TO MAKE UP THE LACK OF FIT IN THE GANTRY FRAME.
 - THE GANTRY FRAME LIFTING POINT SHALL BE LOCATED AT POINTS LP1 OR LP2 ON THE TOP CHORD AS SHOWN ON THE DRAWING UNLESS AGREED BY THE ENGINEER.
 - SUBJECT TO THE ENGINEER'S APPROVAL, THE CONTRACTOR CAN ADOPT SINGLE MEMBER OMITTING INTERMEDIATE WELDED CONNECTION FOR TOP/BOTTOM CHORDS TO SUIT HIS PROPOSED METHOD OF HANDLING, TRANSPORTATION AND ERECTION.

A	08/17	CHORD SPLICE AND CHORD BRACING CONNECTION DETAILS REVISED: TABLE III REVISED	SIGNED C.P. WONG, E/P2-3
			SIGNED P.T. LEUNG, SE/P2

no.	date	description	initial
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REVISION			
no.	date	description	initial
designed	K.K. LEE	SIGNED	NOV 01
drawn	T.M. LEE	SIGNED	NOV 01
senior technical officer	P.S. CHAN	SIGNED	SEP 02
project engineer	K.K. LEE	SIGNED	SEP 02
senior engineer	W.C. CHAN	SIGNED	SEP 02

approved
SIGNED
R.K.W. WONG
Chief Highway Engineer
SEP 2002
date

contract no.

file no.

project no.

contract

drawing title

SIGN GANTRY

SHEET 2 OF 4

drawing no.

SSD151(2)-A

scale

AS SHOWN

office
BRIDGES AND STRUCTURES DIVISION

HIGHWAYS DEPARTMENT
HONG KONG

結構部
橋樑及