

8 7 6 5 4 3 2 1

F

E

D

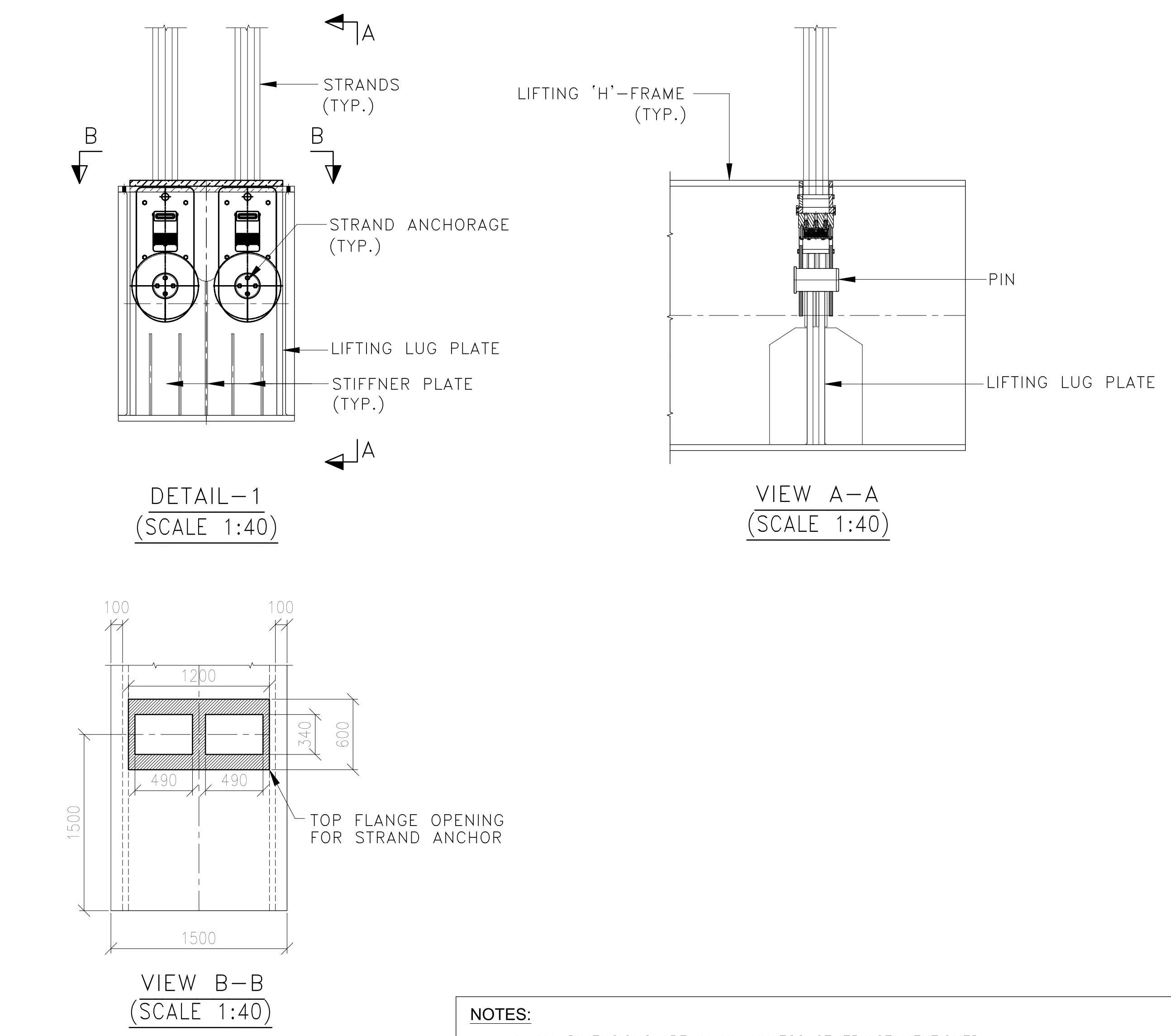
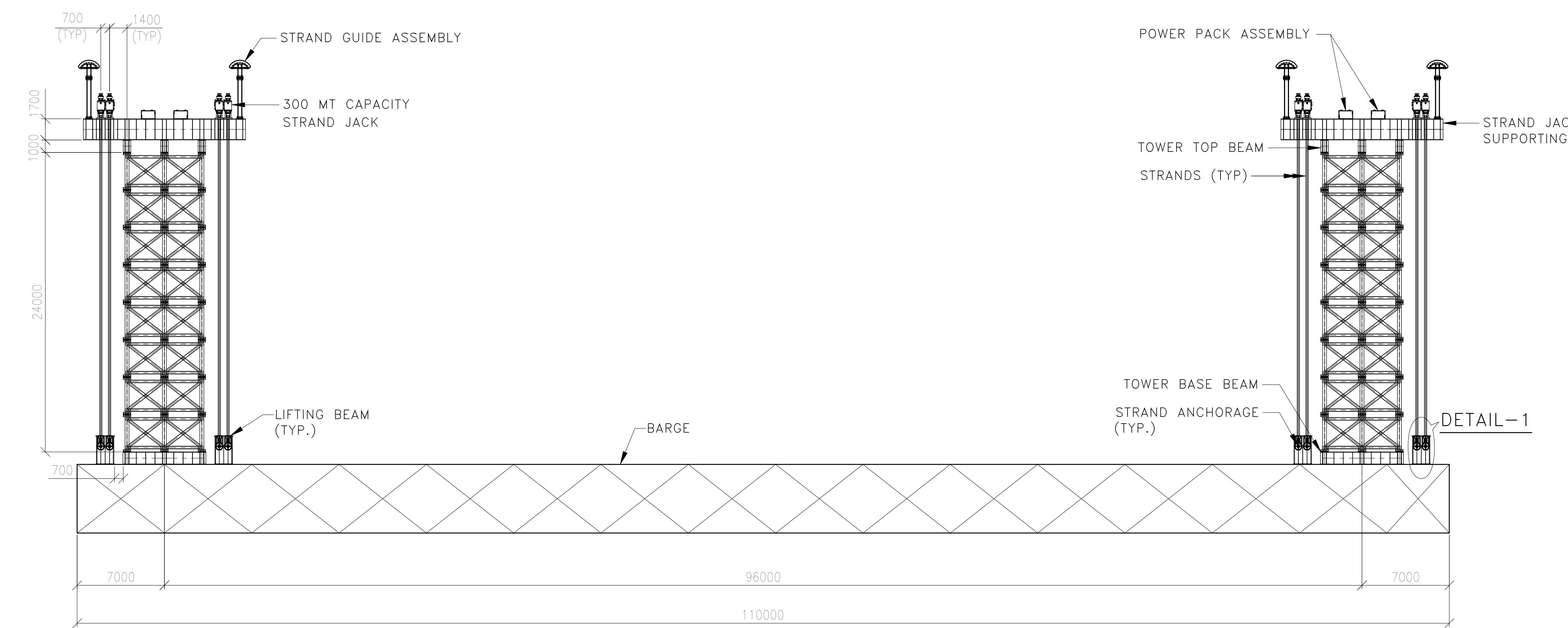
C

B

A

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Drawn: GCDW/Engg. Team/PZC - Deliverables Working Drawing/SATH - WORKING FOLDER TEMPORARY WORKING TOWER/ERCTION OF LIFTING LEGS/Copy
20-04-2020 Rev: 00



NOTES:
 1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED
 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OUR
 LATEST REVISED DWG NO: SB-TS-9501 , 9502 & 9510
 3. ALL STRUCTURAL STEEL GRADE SHALL BE E350 AS CONFIRMING TO IS 2062-2006 GRADE E
 4. BOLT SHALL BE GRADE 8.8

REFERENCE DRAWING:
 1. SB-TS-5461-CA : LIFTING PLAN OF ERECTION BLOCK ON BARGE
 2. SB-TS-5467-CA : LOADING FOOTPRINT OF LIFTING TOWER & LIFTING BEAM ON BARGE
 3. MTHL-CO-C-P1-SS-DW-5240 PIER P3 CONCRETE OUTLINE

							DESIGNER: LARSEN & TOUBRO	CONTRACTOR: IHI	INDEPENDENT DESIGN CHECKER:	GC: AECOM Procon TYULN General Consultant for Mumbai Trans Harbour Link Project	CLIENT: MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	PROJECT: MUMBAI TRANS HARBOUR LINK (PACKAGE-1)	FOR REFERENCE
A	PRELIMINARY	06-04-2020	GHP	VSNT	DMK	KSN	SIGN.: 	SIGN.: 	SIGN.: 		TITLE: GENERAL ARRANGEMENT OF LIFTING TOWER WITH STRAND JACK 300MT CAPACITY	STAGE: CONSTRUCTION DRAWING	
REV	DESCRIPTION	DATE	DESIGNED	DRAWN	CHECKED	APPROVED					DATE: 06-04-2020	REV.: A	
JOB NO.: O17190-Q-BR													
8	7	6	5	4	3	2	1						

ORIGINAL DRAWING SIZE 841mm x 594mm (A1)

8 7 6 5 4 3 2 1

F

E

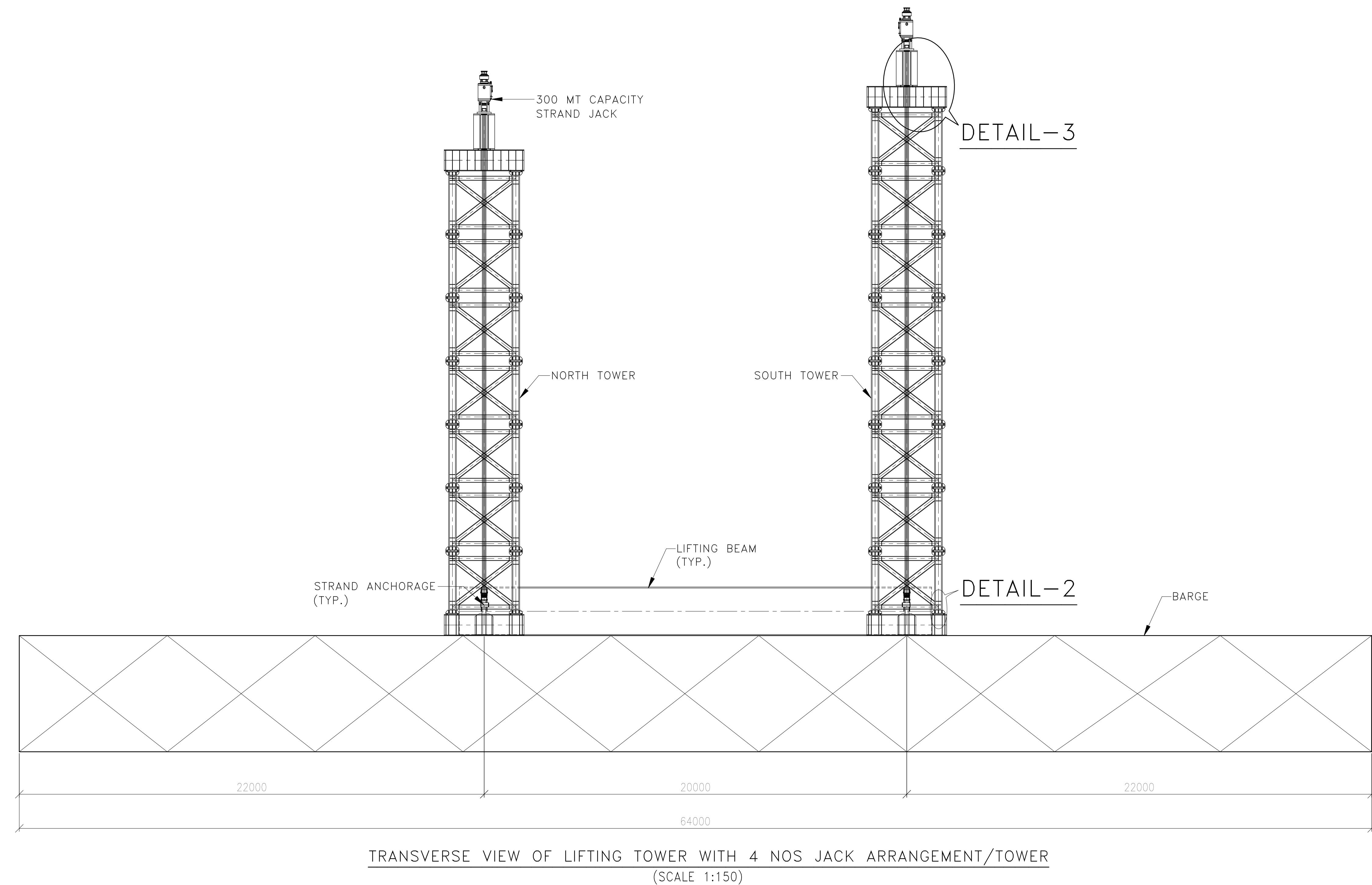
D

C

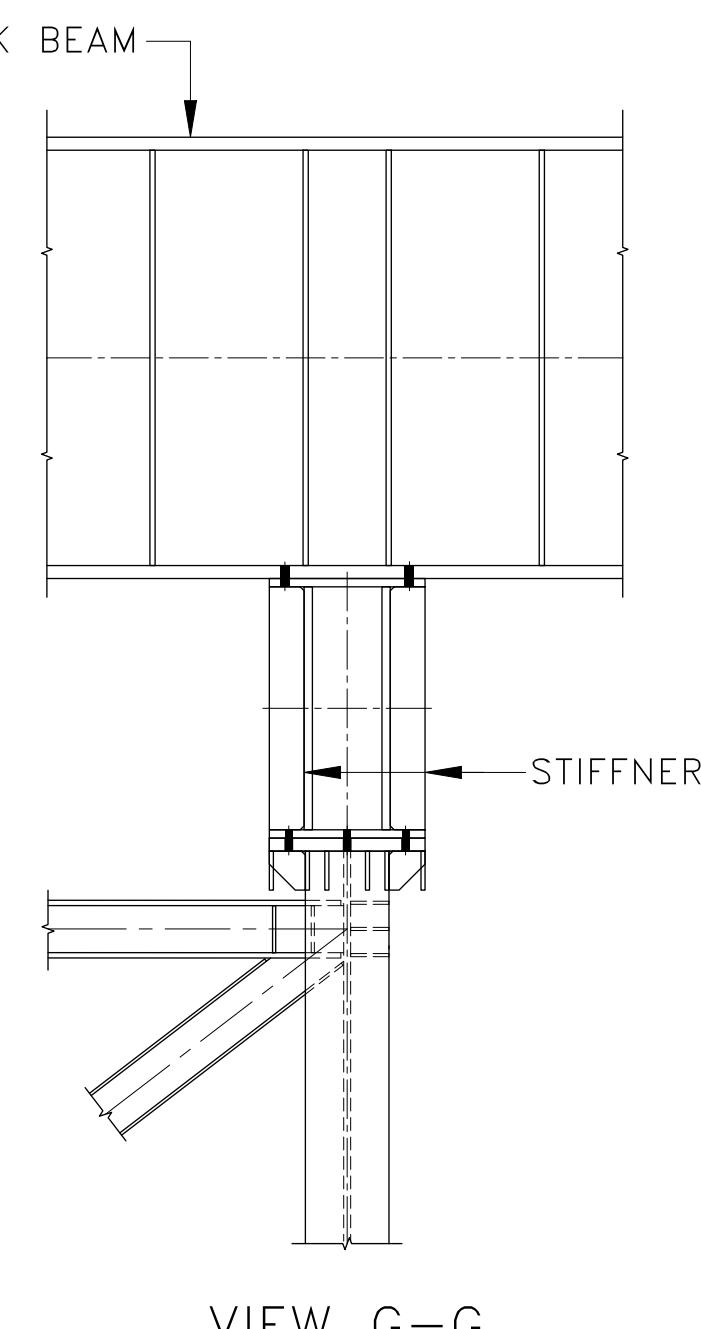
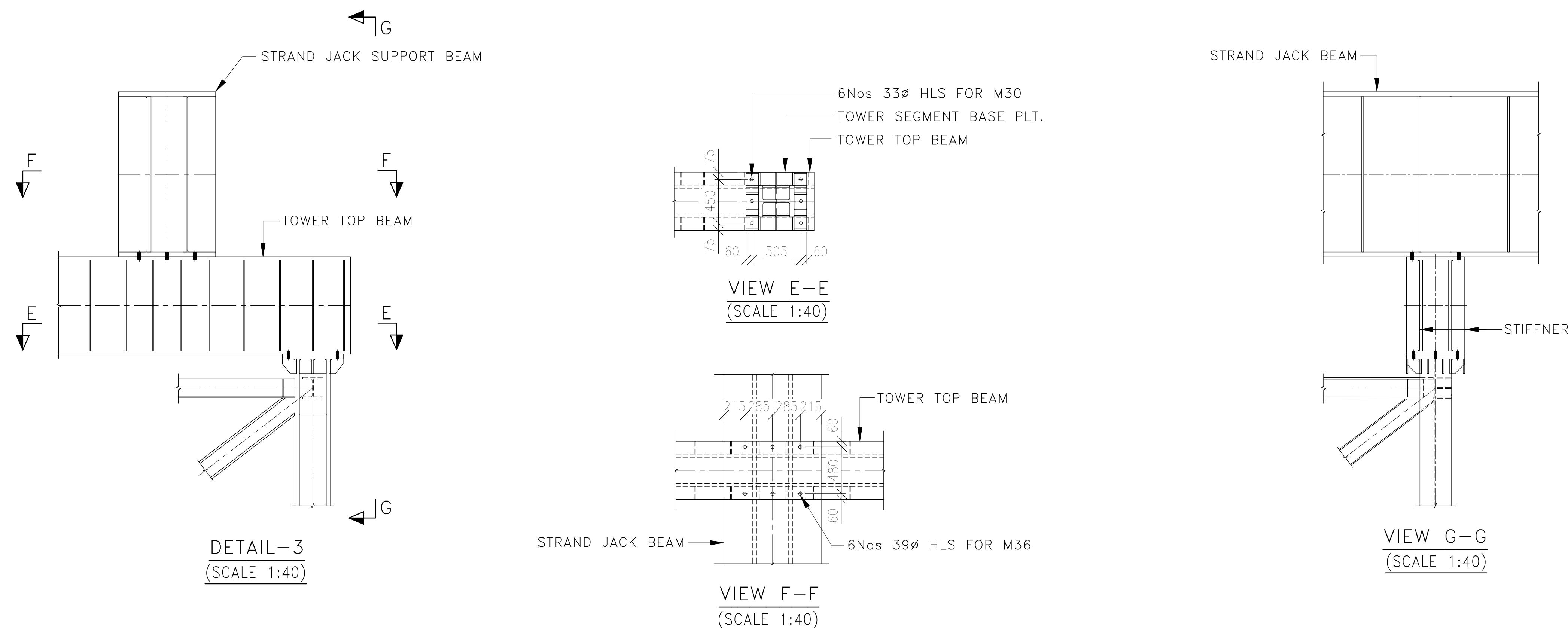
B

A

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TRANSVERSE VIEW OF LIFTING TOWER WITH 4 NOS JACK ARRANGEMENT/TOWER
(SCALE 1:150)

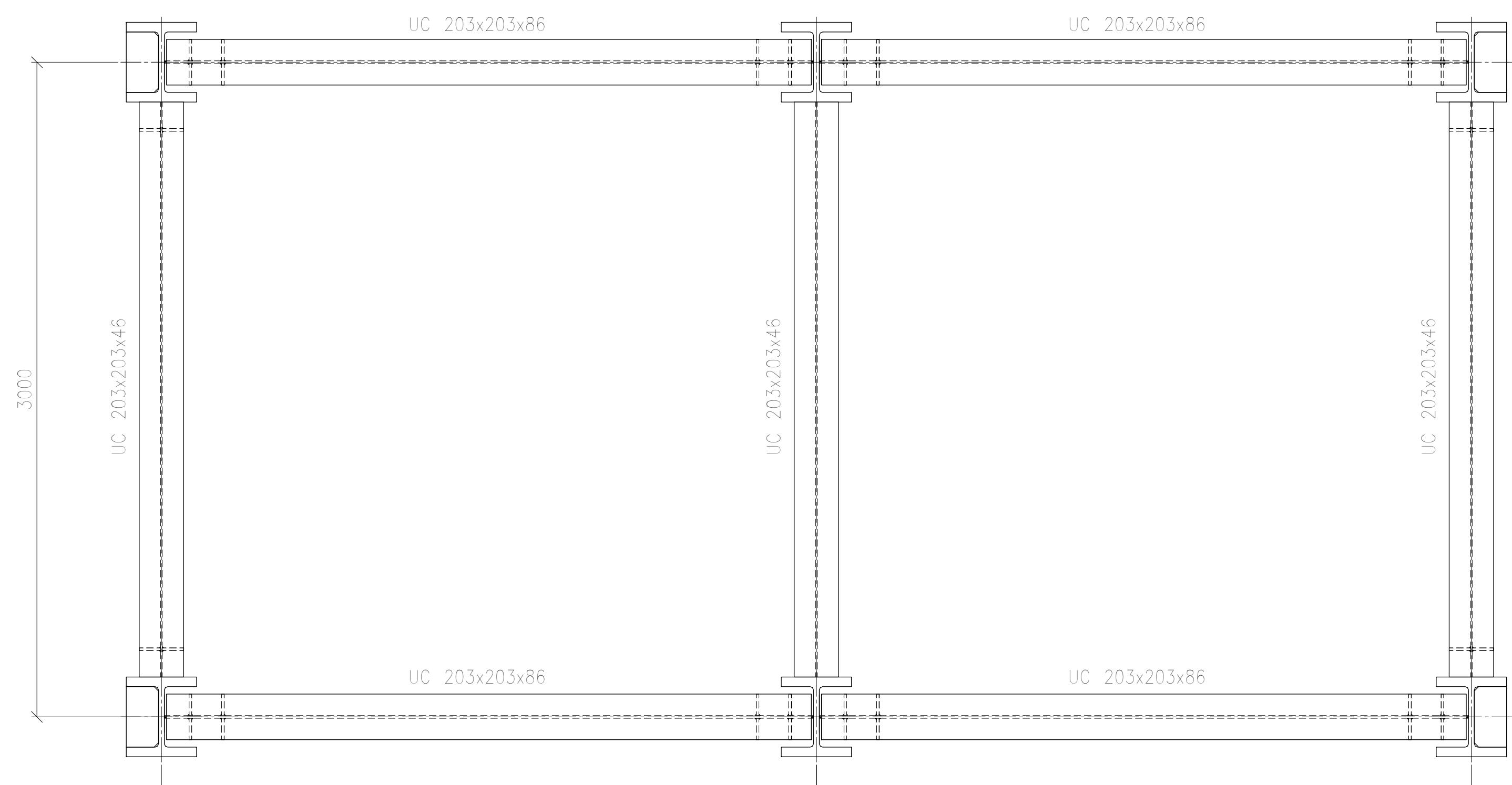


NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OUR LATEST REVISED DWG NO: SB-TS-9501, 9502 & 9509
3. ALL STRUCTURAL STEEL GRADE SHALL BE E350 AS CONFIRMING TO IS 2062-2006 GRADE E
4. BOLT SHALL BE GRADE 8.8

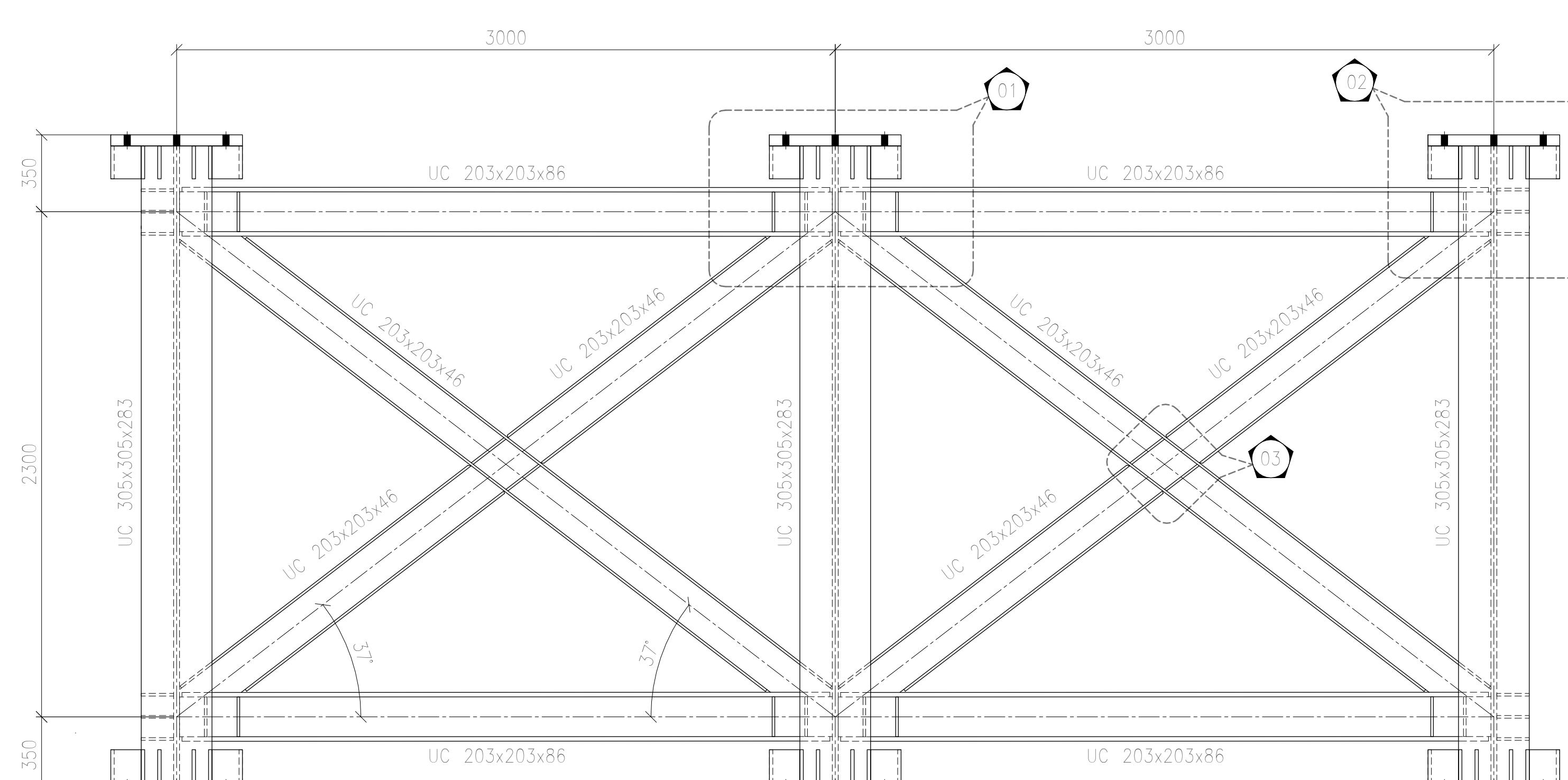
REFERENCE DRAWING:
1. SB-TS-5461-CA : LIFTING PLAN OF ERECTION BLOCK ON BARGE
2. SB-TS-5467-CA : LOADING FOOTPRINT OF LIFTING TOWER & LIFTING BEAM ON BARGE
3. MTHL-CO-C-P1-SS-DW-5240 PIER P3 CONCRETE OUTLINE

						DESIGNER: LARSEN & TOUBRO	CONTRACTOR: IHI	INDEPENDENT DESIGN CHECKER:	GC: AECOM Procon TYULN General Consultant for Mumbai Trans Harbour Link Project	CLIENT: MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	PROJECT: MUMBAI TRANS HARBOUR LINK (PACKAGE-1)	FOR REFERENCE
A	PRELIMINARY	06-04-2020	GHP	VSNT	DMK	KSN						SCALE: AS SHOWN
REV	DESCRIPTION	DATE	DESIGNED	DRAWN	CHECKED	APPROVED	SIGN.:	SIGN.:	SIGN.:			STAGE: CONSTRUCTION DRAWING
JOB NO. :	O17190-Q-BR											DATE: 06-04-2020 REV.: A
												SHEET 2 OF 2
8	7	6	5	4	3	2	1					ORIGINAL DRAWING SIZE 841mm x 594mm (A1)

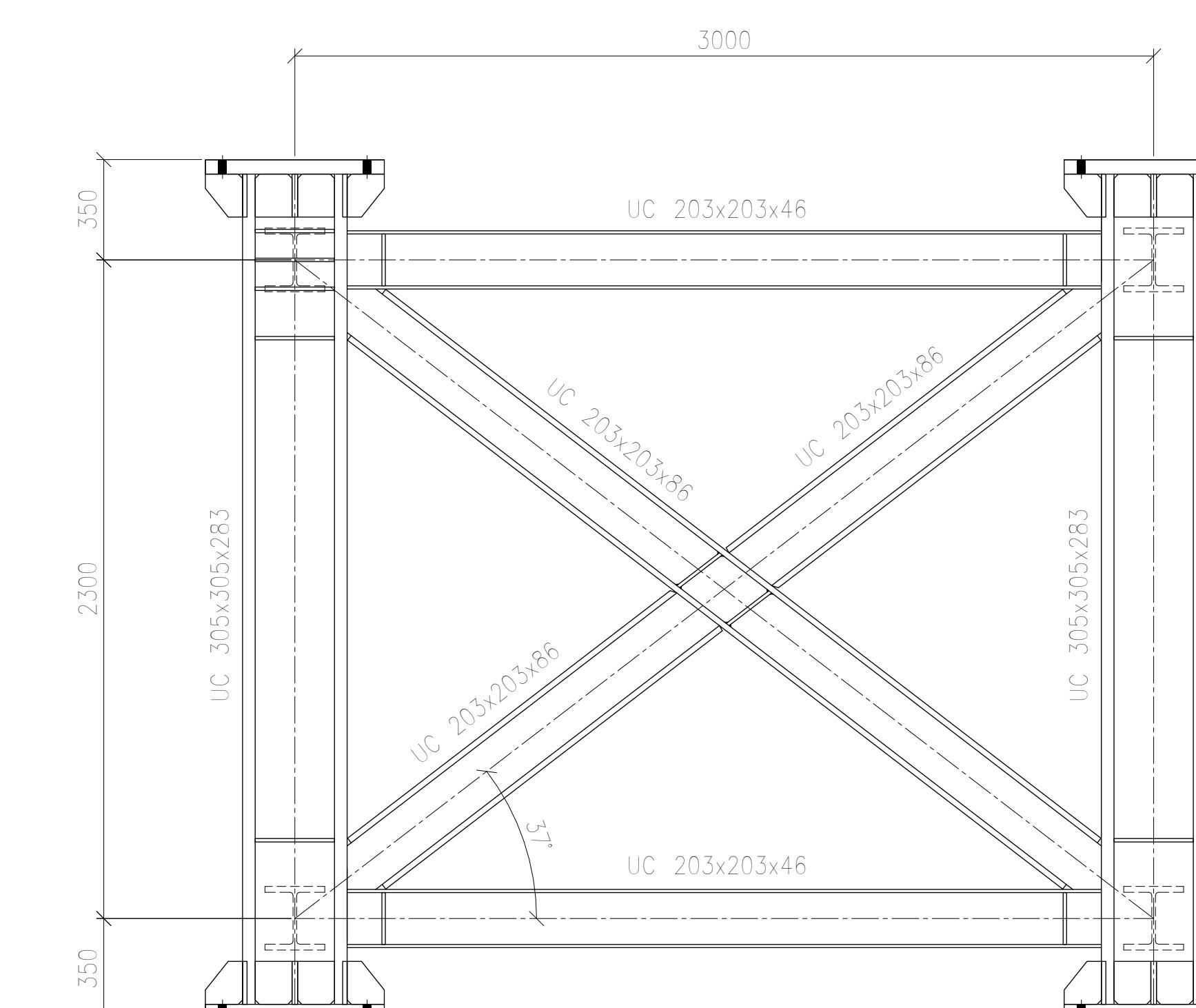
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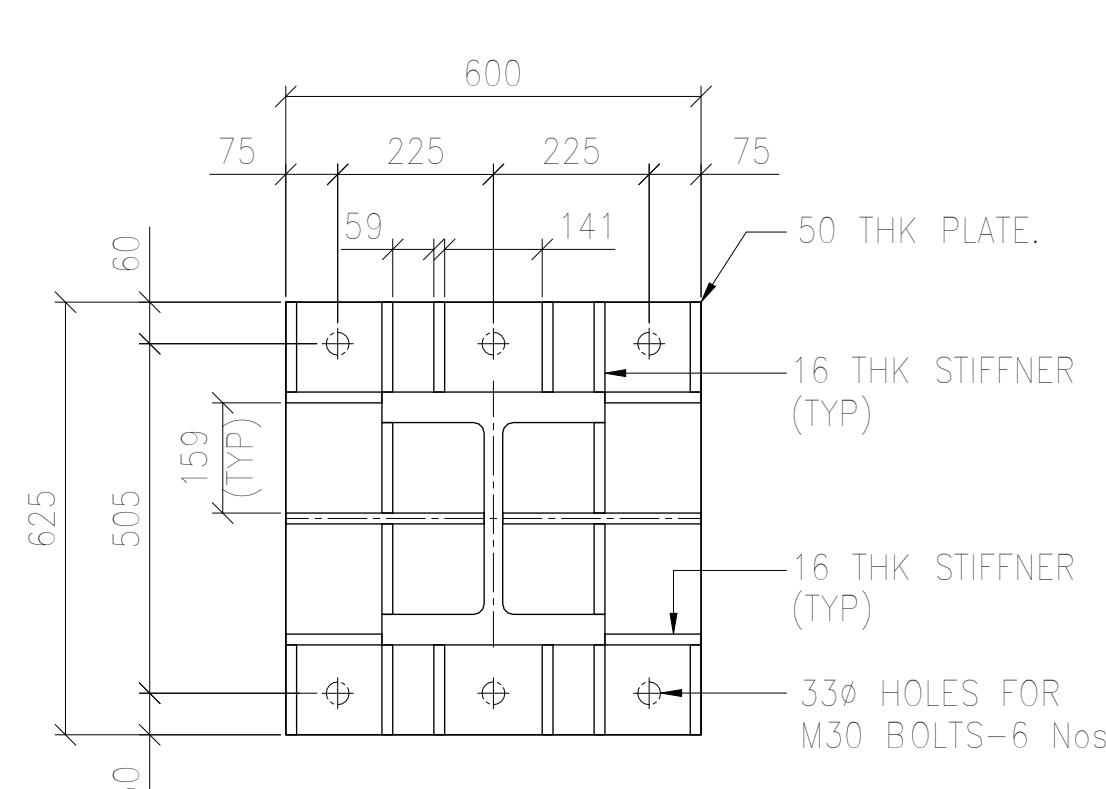
PLAN VIEW
(SCALE 1:25)



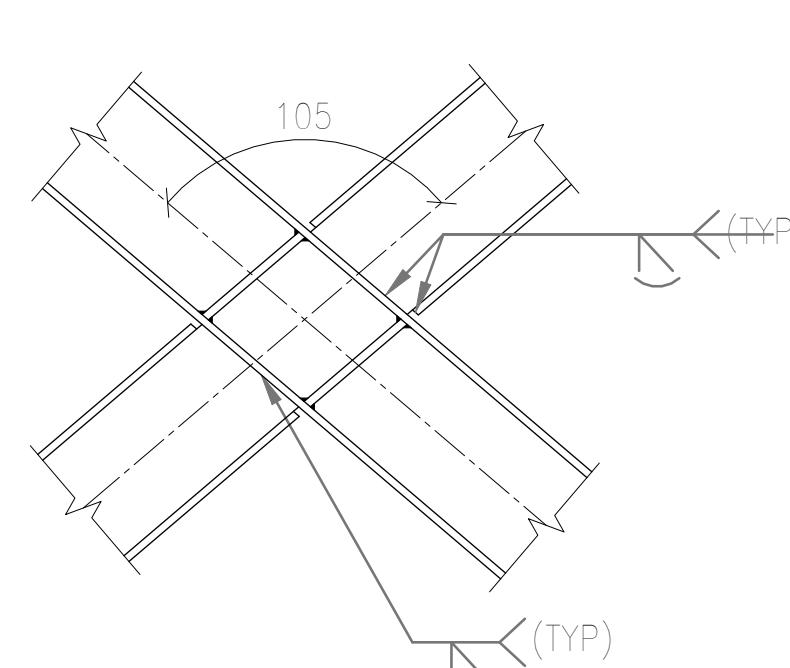
LONGITUDINAL VIEW
(SCALE 1:25)



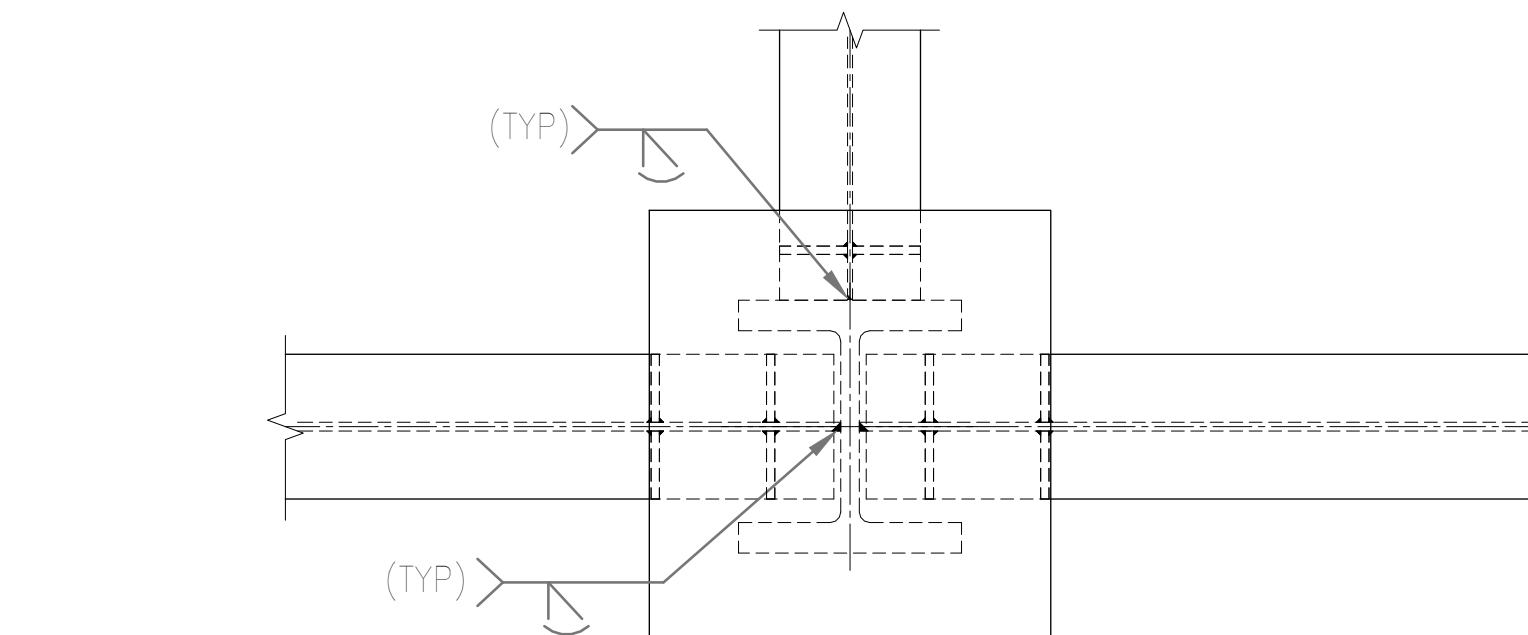
TRANSVERSE VIEW
(SCALE 1:25)



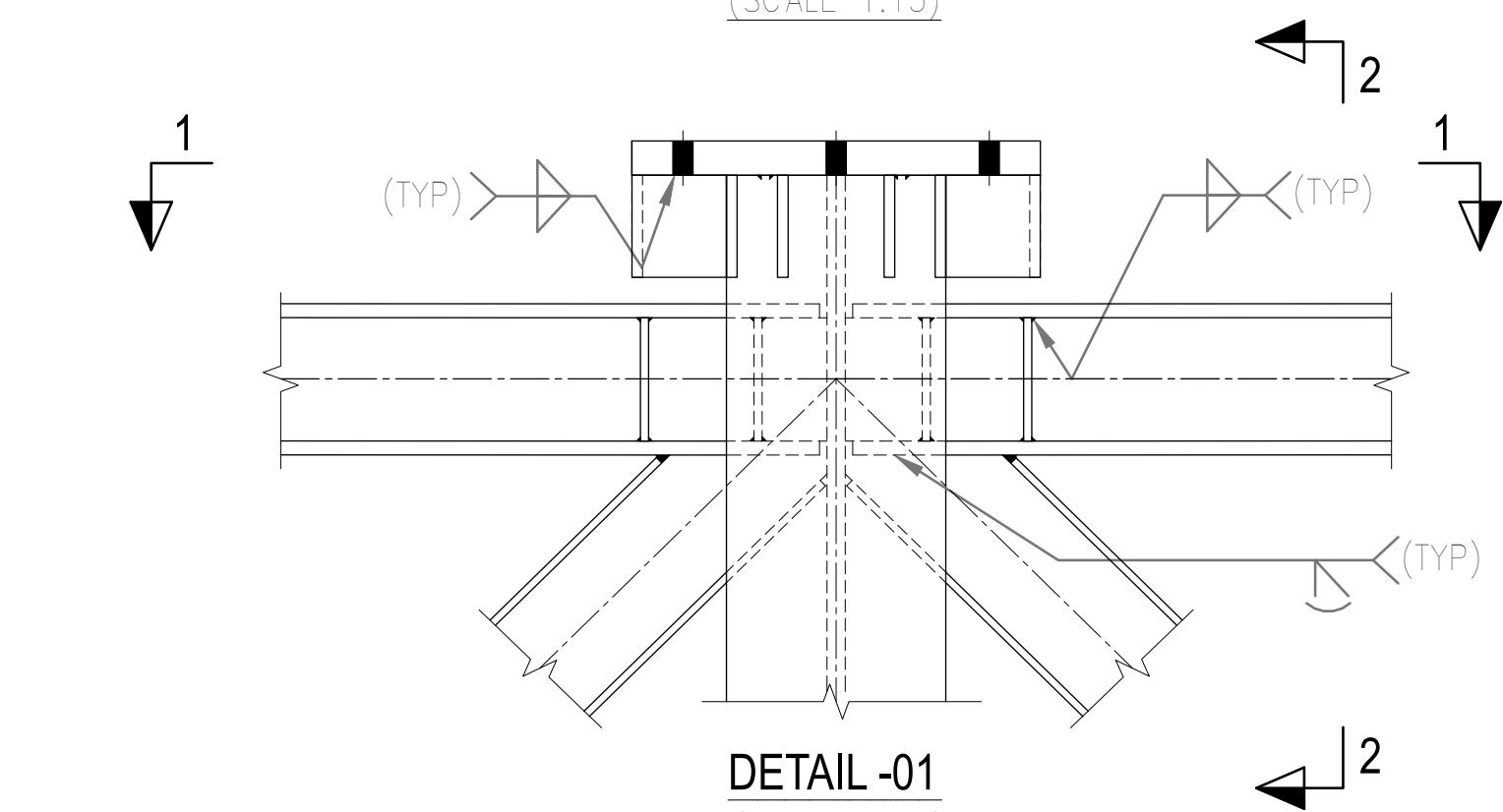
TYPICAL DETAIL OF COLUMN TO COLUMN CONNECTION
(SCALE 1:15)



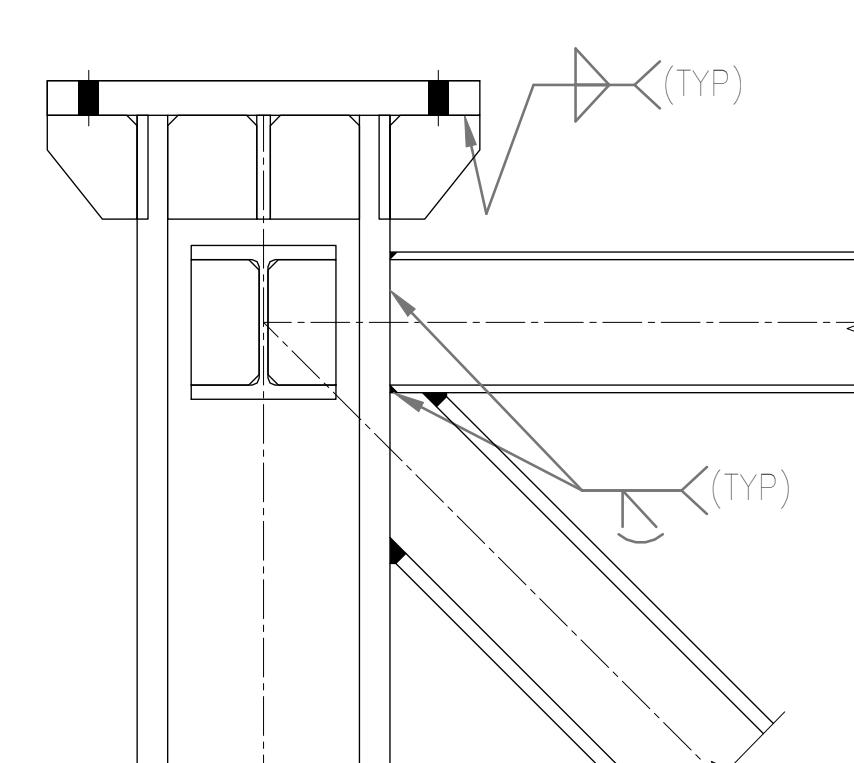
DETAIL-03
(SCALE 1:15)



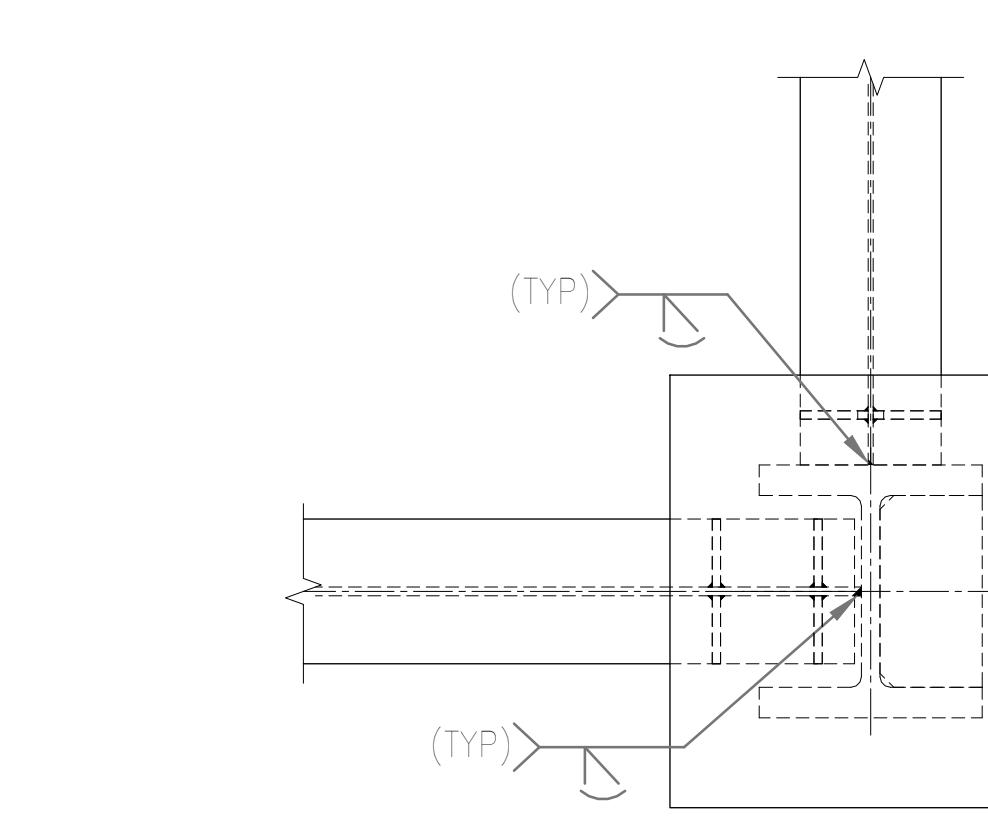
VIEW 1-1
(SCALE 1:15)



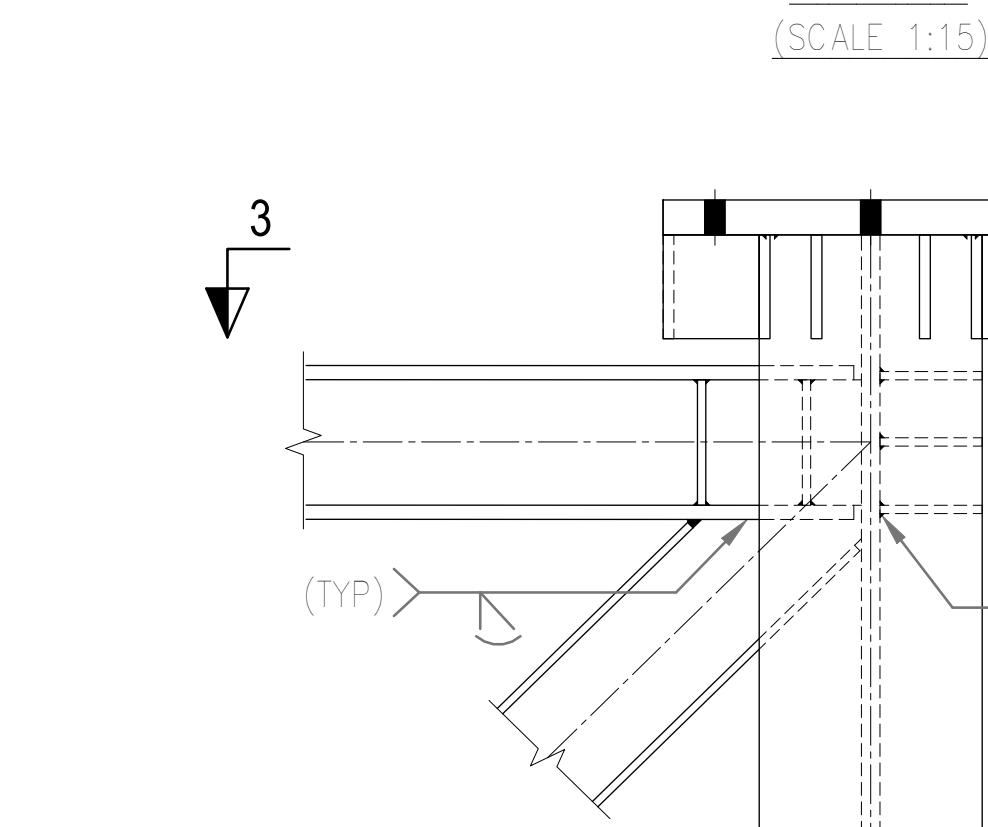
DETAIL-01
(SCALE 1:15)



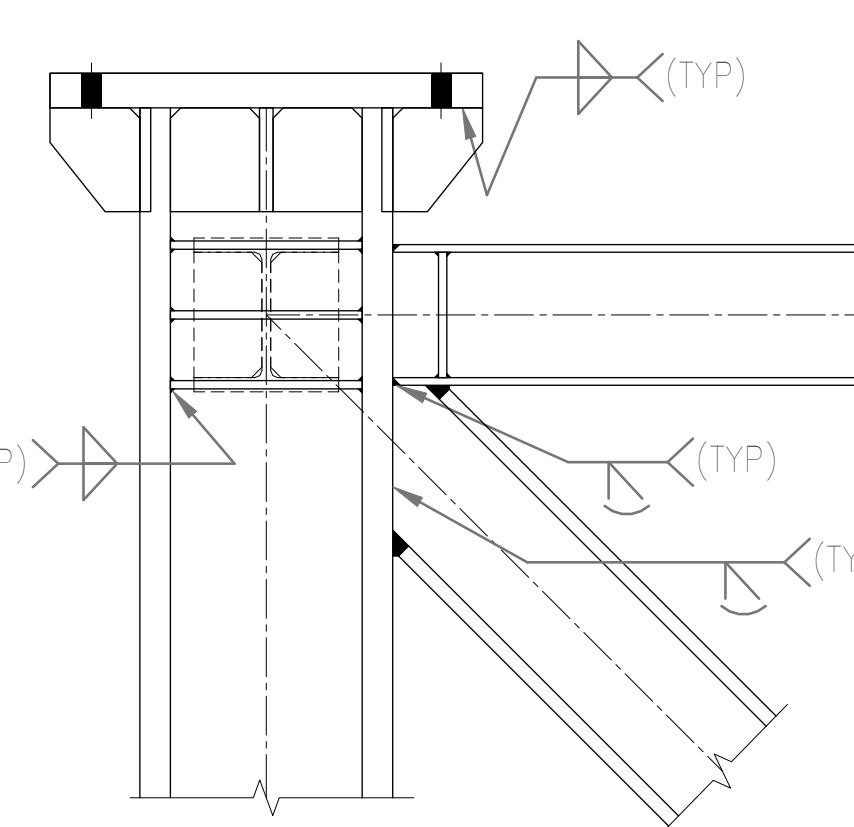
VIEW 2-2
(SCALE 1:15)



VIEW 3-3
(SCALE 1:15)



DETAIL-02
(SCALE 1:15)



VIEW 4-4
(SCALE 1:15)

SYMBOL	TYPE
	FILLET WELD
	SINGLE BEVEL CJP (COMPLETE JOINT PENETRATION)

LEGEND:	
TYP	- TYPICAL
THK	- THICKNESS
STIFF	- STIFFNER
PLT	- PLATE
CJP	- COMPLETE JOINT PENETRATION


NOTES:	
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED	
2. ALL STRUCTURAL STEEL GRADE SHALL BE E350 AS CONFIRMING TO IS 2062-2006 GRADE B	
3. BOLT SHALL BE GRADE 8.8	
4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OUR LATEST REVISED DWG NO: SB-TS-9509 & 9510	
5. THIS DRAWING SUPERSEDES OUR EARLIER RELEASED DRAWING NO: SB-TS/9506/CA	

REFERENCE DRAWING:	
1. SB-TS-5461-CA : LIFTING PLAN OF ERECTION BLOCK ON BARGE	
2. SB-TS-5467-CA : LOADING FOOTPRINT OF LIFTING TOWER & LIFTING BEAM ON BARGE	

							PROJECT: MUMBAI TRANS HARBOUR LINK (PACKAGE-1)										FOR REFERENCE	
							TITLE: GENERAL ARRANGEMENT OF LIFTING TOWER (3M HEIGHT) TYPICAL MODULE										SCALE: AS SHOWN	
							DRAWING No. S B / T S / 9 5 1 1 / C A										STAGE: CONSTRUCTION DRAWING	
DESIGNER:	CONTRACTOR:	INDEPENDENT DESIGN CHECKER:	GC:	CLIENT:	DRAWING No. S B / T S / 9 5 1 1 / C A										DATE: 06-04-2020	REV.: A	DATE: 06-04-2020	
A	PRELIMINARY	06-04-2020	GHP	VSNT	DMK	KSN	LARSEN & TOUBRO	IHI	AZCOM Proco TYUN	MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	MMRDA	PROJECT:	FOR REFERENCE	SCALE: AS SHOWN	STAGE: CONSTRUCTION DRAWING	DATE: 06-04-2020	REV.: A	SHEET 1 OF 1
REV	DESCRIPTION	DATE	DESIGNED	DRAWN	CHECKED	APPROVED	SIGN.:	SIGN.:	SIGN.:	SIGN.:	SIGN.:	TITLE:	GENERAL ARRANGEMENT OF LIFTING TOWER (3M HEIGHT) TYPICAL MODULE	DATE: 06-04-2020	REV.: A	SHEET 1 OF 1	ORIGINAL DRAWING SIZE 841mm x 594mm (A1)	
JOB NO.: O17190-Q-BR																		
8	7	6	5	4	3	2	1											

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D:\01- OSD lifting Tower\F2E - Deliverables\Working folder\VASANTH -WORKING FOLDER TEMPORARY\THL\Working\TOWER\DOCUMENTS\TS-9503-CA (strand jack beam)
27/01/2023 10:23:15



F

E


D

C

B

A

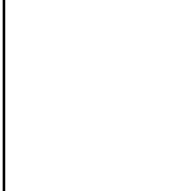
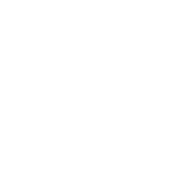
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**NOTES:**


- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED
- ALL STRUCTURAL STEEL GRADE SHALL BE E350 AS CONFIRMING TO IS 2062-2006 GRADE B
- ALL BOLT SHALL BE GRADE 8.8
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OUR LATEST REVISED DWG NO: SB-TS-9509,9510,9511 & 9512
- TOWER BASE BEAM BOTTOM FLANGE SHALL BE WELDED WITH BARGE DECK

REFERENCE DRAWING:

- SB-TS-5461-CA : LIFTING PLAN OF ERECTION BLOCK ON BARGE
- SB-TS-5467-CA : LOADING FOOTPRINT OF LIFTING TOWER & LIFTING BEAM ON BARGE

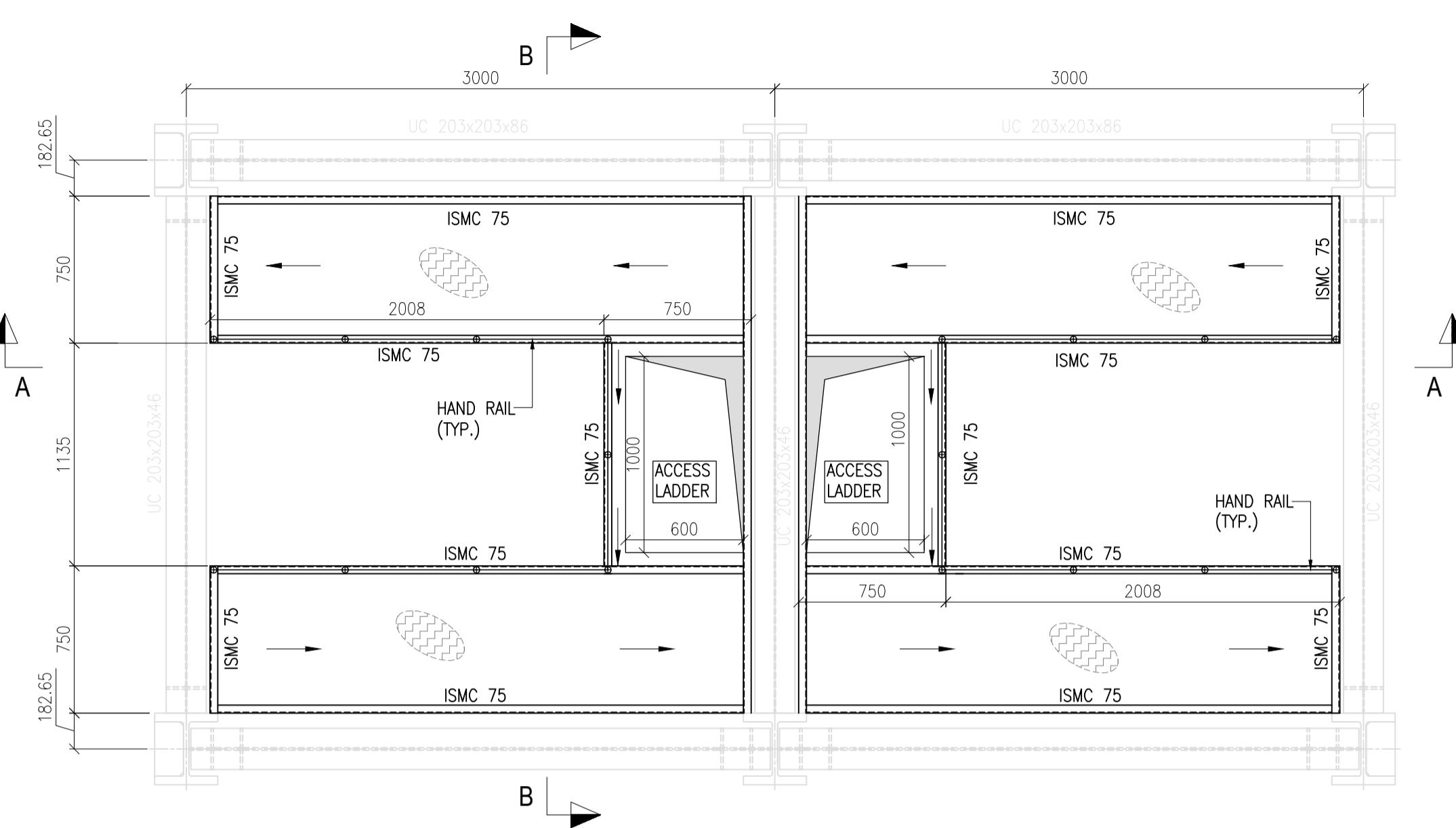
							DESIGNER:  LARSEN & TOUBRO	CONTRACTOR:  IHI	INDEPENDENT DESIGN CHECKER:    General Consultant for Mumbai Trans Harbour Link Project	GC:  MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	CLIENT: 	PROJECT: MUMBAI TRANS HARBOUR LINK (PACKAGE-1)	FOR REFERENCE	
A	PRELIMINARY	06-04-2020	GHP	VSNT	DMK	KSN							SCALE: AS SHOWN	
REV	DESCRIPTION	DATE	DESIGNED	DRAWN	CHECKED	APPROVED	STAGE: CONSTRUCTION DRAWING		DATE: 06-04-2020 REV.: A		SHEET 1 OF 1			
JOB NO. : O17190-Q-BR														
8	7	6	5	4	3	2	1							

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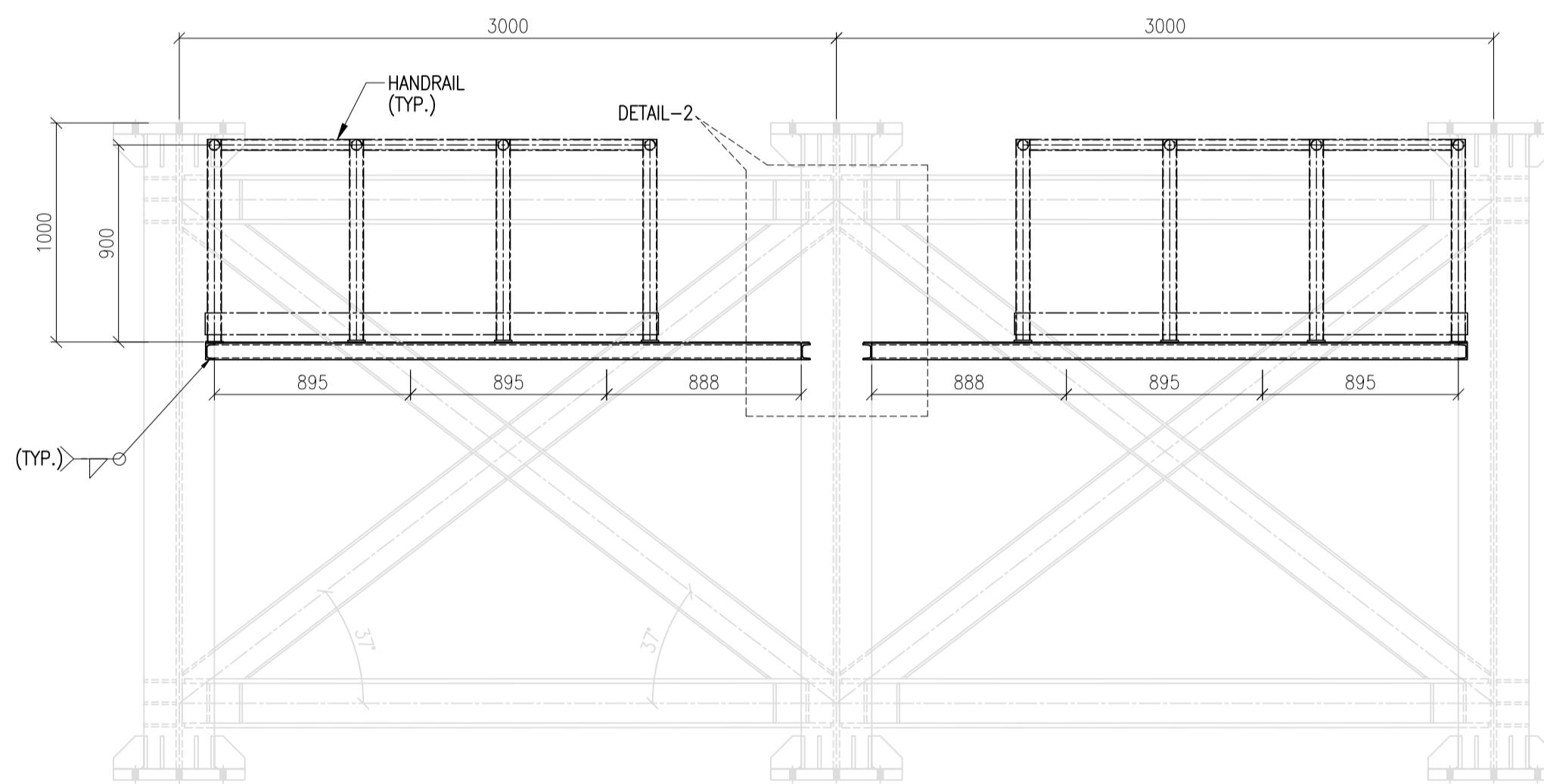


						DESIGNER: LARSEN & TOUBRO	CONTRACTOR: IHI	INDEPENDENT DESIGN CHECKER:	GC: ACOM Procon TYUN General Consultant for Mumbai Trans Harbour Link Project	CLIENT: MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	PROJECT: MUMBAI TRANS HARBOUR LINK (PACKAGE-1)								FOR REFERENCE				
A	PRELIMINARY	22-04-2020	GHP	VSNT	DMK	KSN	SIGN.:	SIGN.:	SIGN.:	TITLE: GENERAL ARRANGEMENT OF ACCESS PLATFORM FOR STRAND JACK								SCALE: AS SHOWN					
REV	DESCRIPTION	DATE	DESIGNED	DRAWN	CHECKED	APPROVED									STAGE: CONSTRUCTION DRAWING								
JOB NO.: O17190-Q-BR																							
8	7	6	5	4	3	2	1																

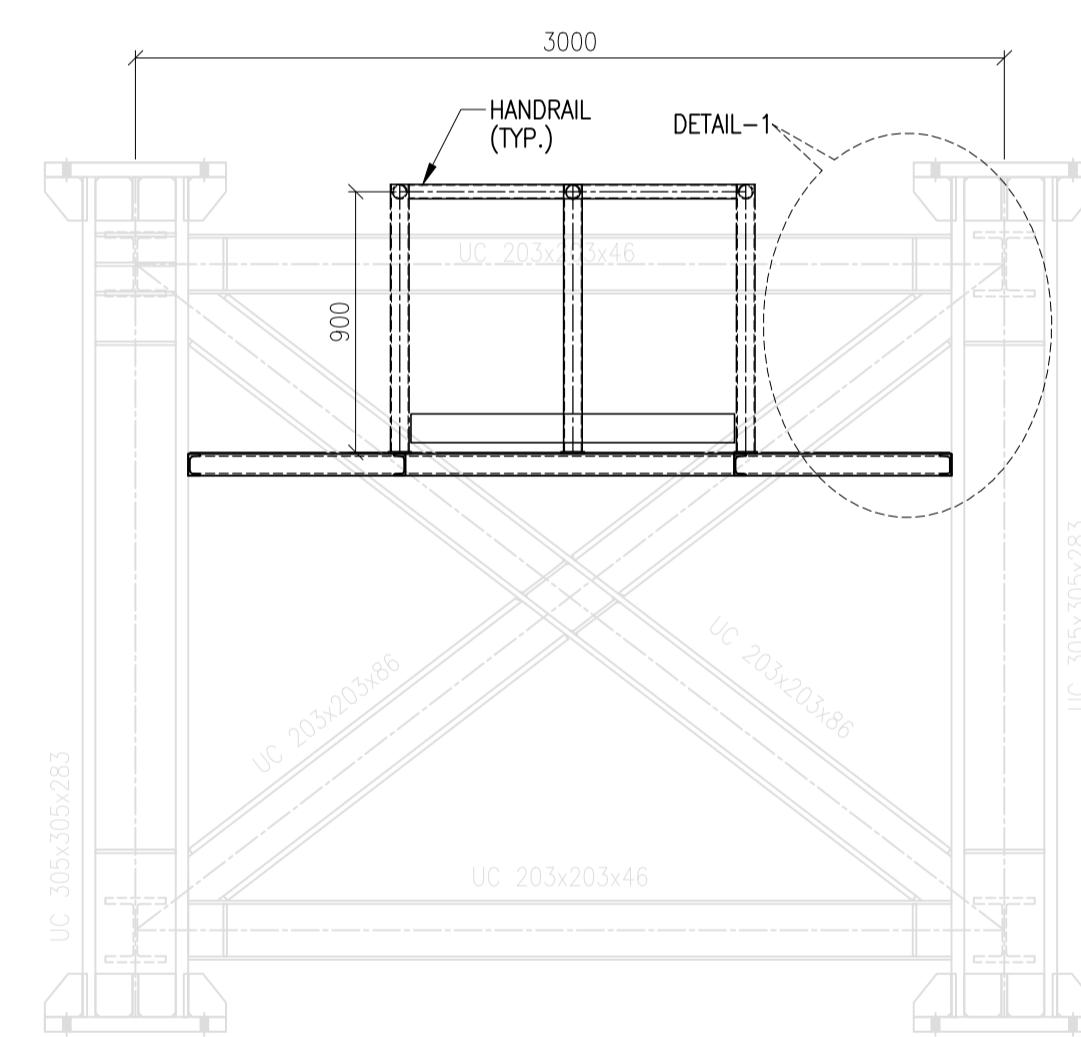
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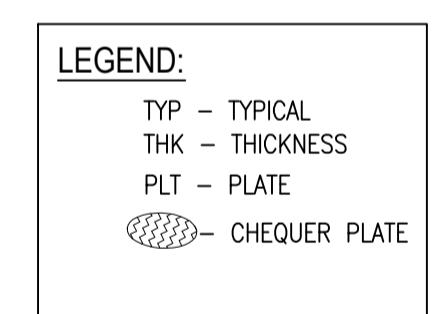
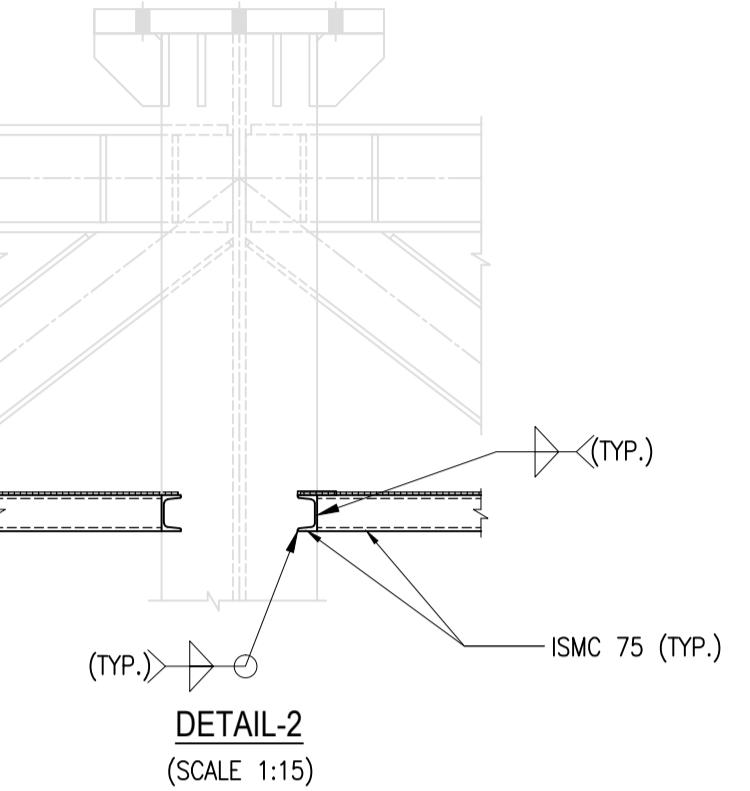
PLAN VIEW OF TOWER MODULE ACCESS PLATFORM
(SCALE 1:25)



SECTION A-A



SECTION B-B




<u>SYMBOL</u>	<u>TYPE</u>
	FILLET WELD

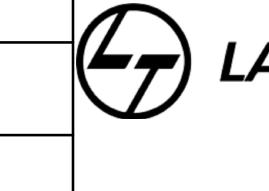
NOTES:

- NOTES:**

 1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED
 2. GRADE OF ALL STRUCTURAL STEEL SHALL CONFIRMING TO IS:2062:2006 GRADE B
 3. GRADE OF BOLT SHALL BE MILD STEEL/CLASS 4.6
 4. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OUR LATEST REVISED DWG NO: SB-TS-9509, 9510 & 9511

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							DESIGNER:  LARSEN & TOUBRO	CONTRACTOR:  IHI	INDEPENDENT DESIGN CHECKER: 	GC: 	CLIENT:  MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	PROJECT: MUMBAI TRANS HARBOUR LINK (PACKAGE-1)	FOR REFERENCE								
A	PRELIMINARY	10-04-2020	GHP	VSNT	DMK	KSN							SCALE: AS SHOWN								
REV	DESCRIPTION	DATE	DESIGNED	DRAWN	CHECKED	APPROVED	STAGE: CONSTRUCTION DRAWING		DATE: 10-04-2020	REV.: A											
JOB NO. : O17190-Q-BR							DRAWING No.	S	B	/	T	S	/	9	5	1	6	/	C	A	SHEET 1 OF 1