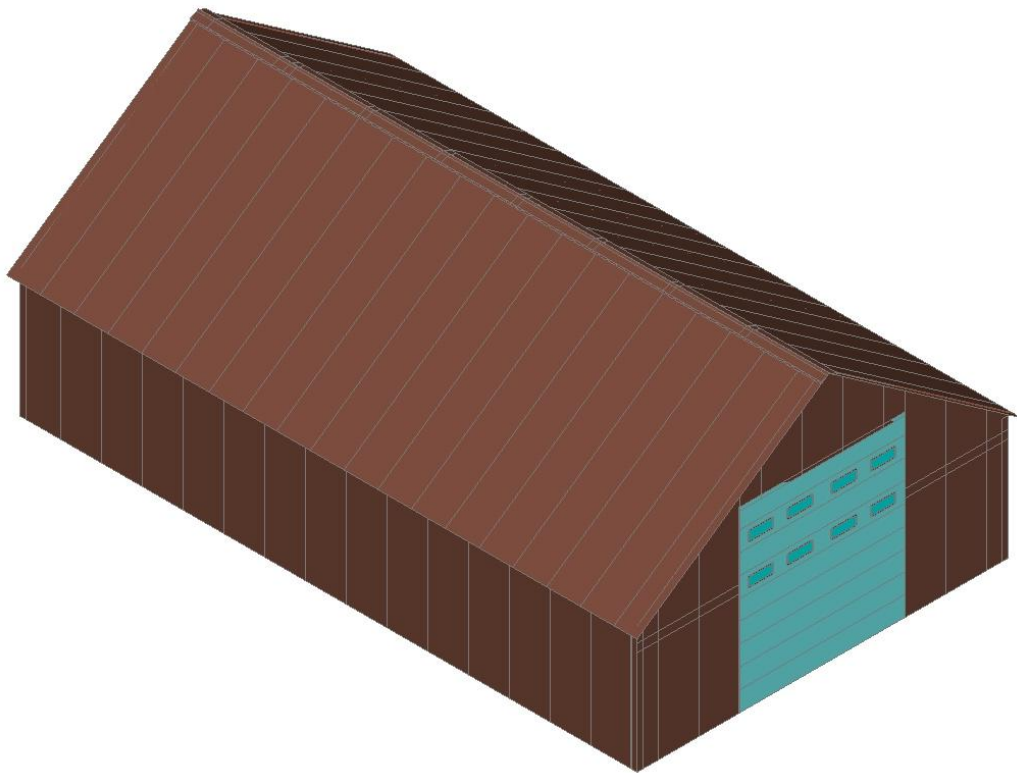


STEEL BUILDING
ASSEMBLY MANUAL
MODEL# SSM201007

L20.0 x W10.0 x H7.3m

with overhead door



SPECIFICATION

Length: 20m Width: 10.0m Height: 7.3m

IMPORTANT-----READ MANUAL FIRST

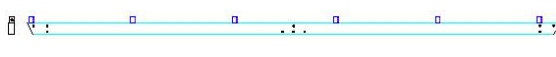
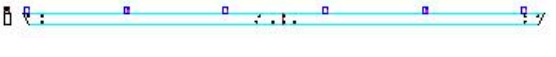
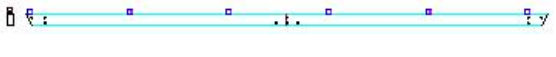
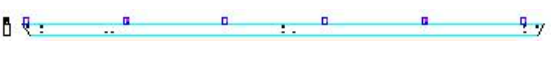

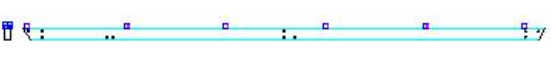
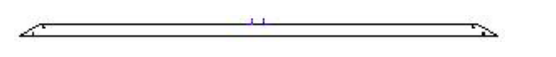
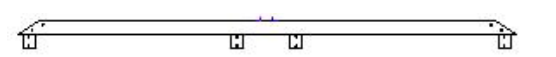
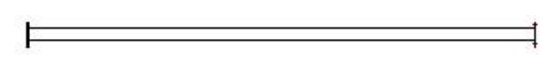



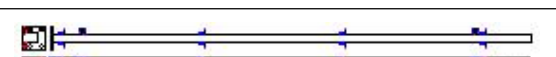
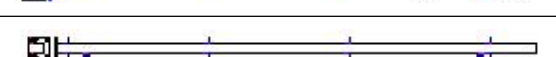
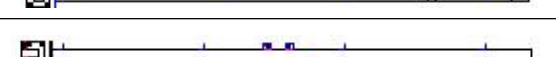
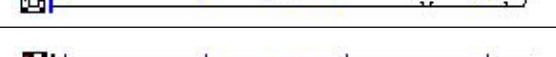
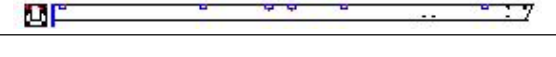

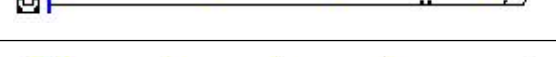
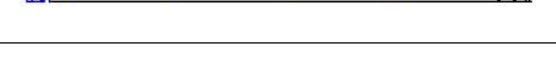
Improper site preparation, assembly and maintenance may invalidate warranty and cause unnecessary and costly mistakes. If you have any questions contact your local dealer.


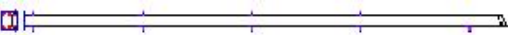
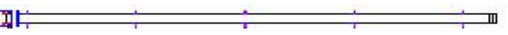






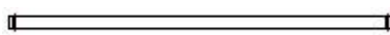
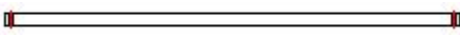

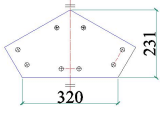
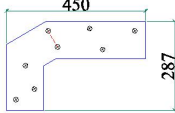
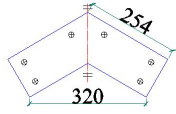

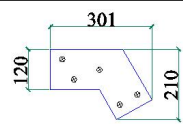
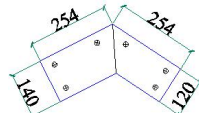
For user friendly assembly we have identified each individual component with the part code as indicated in the parts list. Please refer to the part code numbers and drawing to ensure problem free assembly.

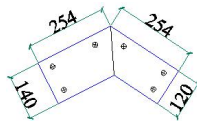
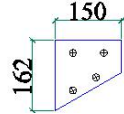
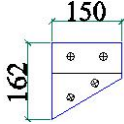
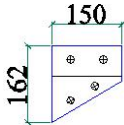
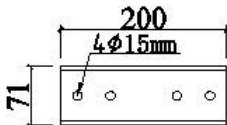
READ ALL INSTRUCTIONS BEFORE ASSEMBLY

1. Keep work area clean. Cluttered areas invite injuries. Do not set up near snow drifts, in slippery places, in high winds, or wet location.
2. Keep children away. All children should be kept away from the work area.
3. Don't over reach. Keep proper footing and balance at all times.
4. Do not assemble if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt. Do not assemble.
5. Be aware of possible windy conditions; fasten the bases in concrete if these conditions are likely to occur. Remove the cover during hurricane.
6. Be careful with power and heat sources. Do not keep heat sources near the tarpaulin. Do not expose to open flame.
7. Be aware of personal safety during assembly and use. Be careful not to pinch fingers with clips and tubes when assembling: when using makes sure there is adequate ventilation for exhaust and other dangerous fumes.

Steel Building L20.0xW10.0xH7.3m Parts List

Part Code	Description	Qty (pcs)	Box
1	rafter for front and back end-right side 	2	1/6
1A	rafter for front end-left side 	1	1/6
1B	rafter for front end-right side 	1	1/6
2	rafter for arch No.2, 4, 6, 8, 10-right side 	5	1/6
2A	rafter for arch No.2, 4, 6, 8, 10-left side 	5	1/6
3	rafter for arch No.3, 5, 7, 9 	8	1/6
4	roof bracing tube for arch No.2 to No.10 	9	1/6
4A	roof bracing tube for arch No.1 	1	1/6
5	cross beam for front door 	1	1/6
6	vertical tube connecting with roof bracing tube No.4A, 4 	10	1/6-4pcs 3/6-6pcs
7	upright for front and back end-right side 	2	3/6
7A	upright for front and back end-left side 	2	3/6
8	upright for arch No.2, 10-right side 	2	3/6
8A	upright for arch No.2, 10-left side 	2	3/6
9	upright for arch No.3, 5, 7, 9-right side 	4	3/6
9A	upright for arch No.3, 5, 7, 9-left side 	4	3/6
10	upright for arch No.6 	2	3/6
11	upright for arch No.4, 8 	4	3/6
12	pole for front door-left side 	1	1/6
12A	pole for front door-right side 	1	1/6

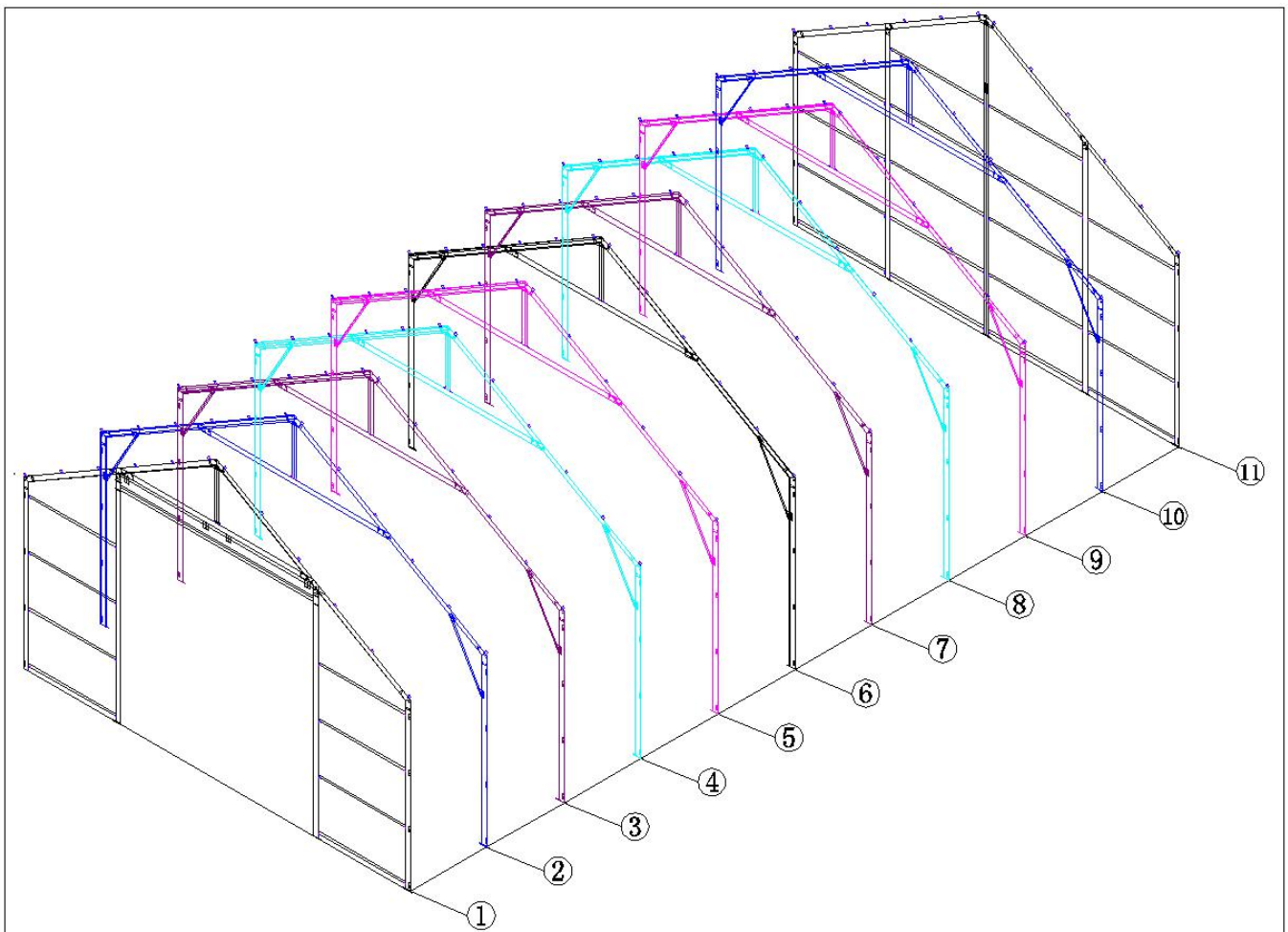
13	pole for back end-left side		1	1/6
13A	pole for back end-right side		1	1/6
14	middle pole lower part for back end		1	1/6
15	middle pole upper part for back end		1	3/6
16	roof purlin between arch No.1, 2, 3 & No.9, 10, 11		24	3/6
17	roof purlin between arch No.3 to No.9		36	3/6
18	sidewall bracing tube		16	3/6
19	shoulder bracing tube		18	3/6
20	sidewall purlin between arch No.1, 2 & No.10, 11		16	1/6
21	sidewall purlin between arch No.2 to No.10		64	3/6
22	side rail for front and back end		16	1/6
23	middle rail for back end		10	1/6
24	roof connecting plate		22	5/6
25	connecting plate for pole and roof bracing tube of front door		4	5/6
26	connecting plate for shoulder of front and back end		8	5/6
27	connecting plate for roof bracing tube of interior arch No.2 to No.10		36	5/6
28	connecting plate for rafter and side pole of back end		4	5/6
29-1	connecting plate for shoulder of arch No.2 to No.10		18	5/6

29-2	connecting plate for shoulder of arch No.2 to No.10		18	5/6
30	connecting plate for upper end of shoulder bracing tube, arch No.2 to No.10		36	5/6
30A-1	connecting plate for lower end of shoulder bracing tube, arch No.2 to No.10		18	5/6
30A-2	connecting plate for lower end of shoulder bracing tube, arch No.2 to No.10		18	5/6
31	connecting plate for middle poles of back end (No.14, 15)		2	5/6
32	high strength bolt M14x70 (200sets) for roof purlin No.16, 17		2 bags	5/6
33	high strength bolt M14x90 (280sets) for bracing tube, purlin and rail No.18, 20, 21, 22, 23		4 bags	5/6
34	high strength bolt M14x100 (325sets) for connecting plate No.24, 25, 26, 27, 27, 30		5 bags	5/6
35	high strength bolt M14x120 (200sets) for connecting plate No.29, 30A		4 bags	5/6
36	high strength bolt M14x150 (25sets) for cross beam, vertical tube, pole and connecting plate No.5, 6, 15, 31		1 bag	5/6
37	stainless steel self-drilling bolt M5.5x25 (3000pcs) for color steel plate installation		6 bags	5/6
38	tool for self drilling bolt (8pcs/bag)		1 bag	5/6
39	rivit M4x13 (500pcs/bag)		2 bags	5/6
40	color steel plate-roof	6030mm	50	2/6



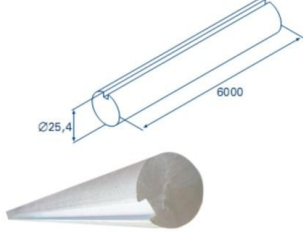
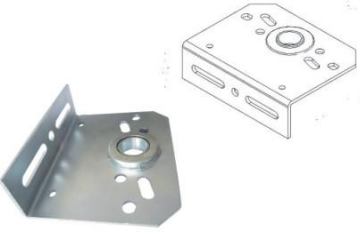
41	color steel plate-sidewall	4340mm	40	4/6
41A	color steel plate-sidewall	4340mm	2	4/6
42	color steel plate-front and back end	4100mm	13	4/6
42A	color steel plate-front and back end	4100mm	4	4/6
43	color steel plate-front end	1991/1705mm	1	4/6
44	color steel plate-front end	1132/1705mm	1	4/6
44A	color steel plate-front end	1705/1132mm	1	4/6
45	color steel plate-front end	559/1132mm	1	4/6
45A	color steel plate-front end	1132/559mm	1	4/6
46	color steel plate-front end	1446/2018mm	1	4/6
46A	color steel plate-front end	2018/1446mm	1	4/6
47	color steel plate-front end	873/1446mm	1	4/6
47A	color steel plate-front end	1446/873mm	1	4/6
48	color steel plate-front and back end	563/873mm	2	4/6
48A	color steel plate-front and back end	873/563mm	2	4/6
49	color steel plate-back end	3450mm	1	4/6
50	color steel plate-back end	2591/3164mm	1	4/6
50A	color steel plate-back end	3164/2591mm	1	4/6
51	color steel plate-back end	2018/2591mm	1	4/6
51A	color steel plate-back end	2591/2018mm	1	4/6
52	color steel plate-back end	1445/2018mm	1	4/6

52A	color steel plate-back end	2018/1445mm	1	4/6
53	color steel plate-back end	873/1445mm	1	4/6
53A	color steel plate-back end	1445/873mm	1	4/6
54	ridge cap	2000mm	12	1/6
55	eave trim	4200mm	16	1/6
56	door frame trim strip	5500mm	3	1/6
57	corner trim strip	4400mm	4	1/6
58	overhead door		1	6/6

Arch No.1 to No.11

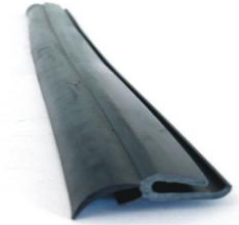

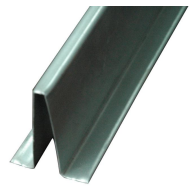





Parts List for Overhead Door

Code	Description	Illustration	Quantity (PCS)	Box
D1	3" side track & vertical track		2	6/6
D2	3" horizontal double track		2	6/6
D3	solid steel shaft with keyway(5.5m)		1	6/6
D5	shaft key		6	6/6
D6	shaft bracket		2	6/6
D7	L bracket		2	6/6

D8	industrial door motor		1	6/6
D9	Anti-break system		2	6/6
D10	spring		2	6/6
D11	Steel cable(4.0mm*6 .5m)		2	6/6
D12	clip for cable		4	6/6
D13	cable drum		2	6/6
D14	roller		22	6/6

D15	double side hinge		18	6/6
D16	double middle hinge		27	6/6
D17	top bracket		4	6/6
D18	bottom roller bracket, anti-break system		2	6/6
D19	bottom rail		2	6/6
D20	top seal		1	6/6
D21	bottom seal (part of airbag)		1	6/6

D22	side seal		1	6/6
D23	Gas pressure sensor of airbag		1	6/6
D27	reinforcement		10	6/6
D28	40mm thickness panel 0.35mm thickness steel strip white color finger protection panel		10	6/6
D30	self drilling bolt M6x19		400	6/6
D31	bolt M10X80		10	6/6

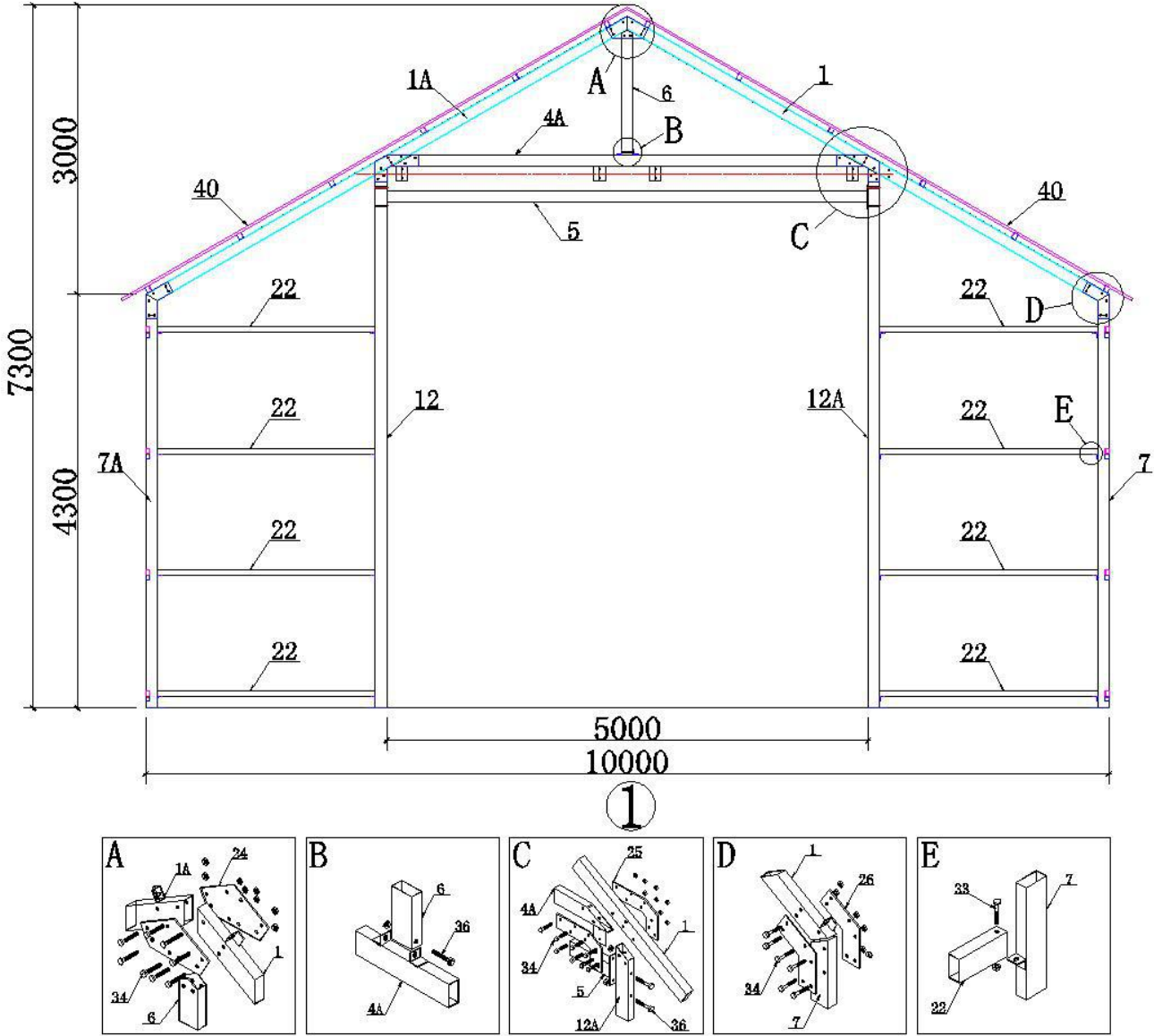
D32	bolt M6X14		20	6/6
D33	bolt M8X16		20	6/6
D34	perforated angle(2m)		2	6/6

INSTALLATION PROCESS

A--ARCHES INSTALLATION

Arch No.1 and Front End installation

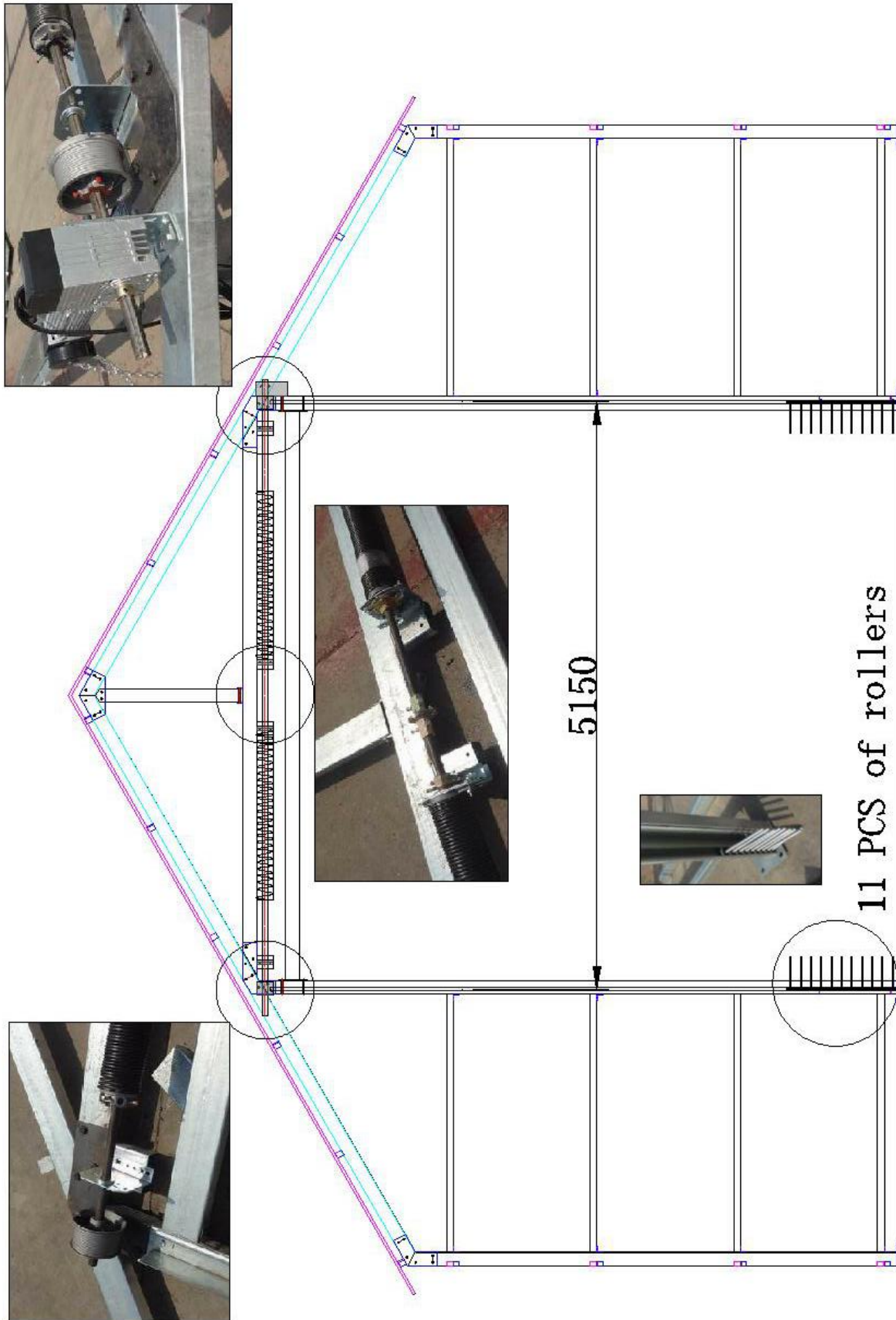
Note: some of the parts for overhead door should be installed by this step.



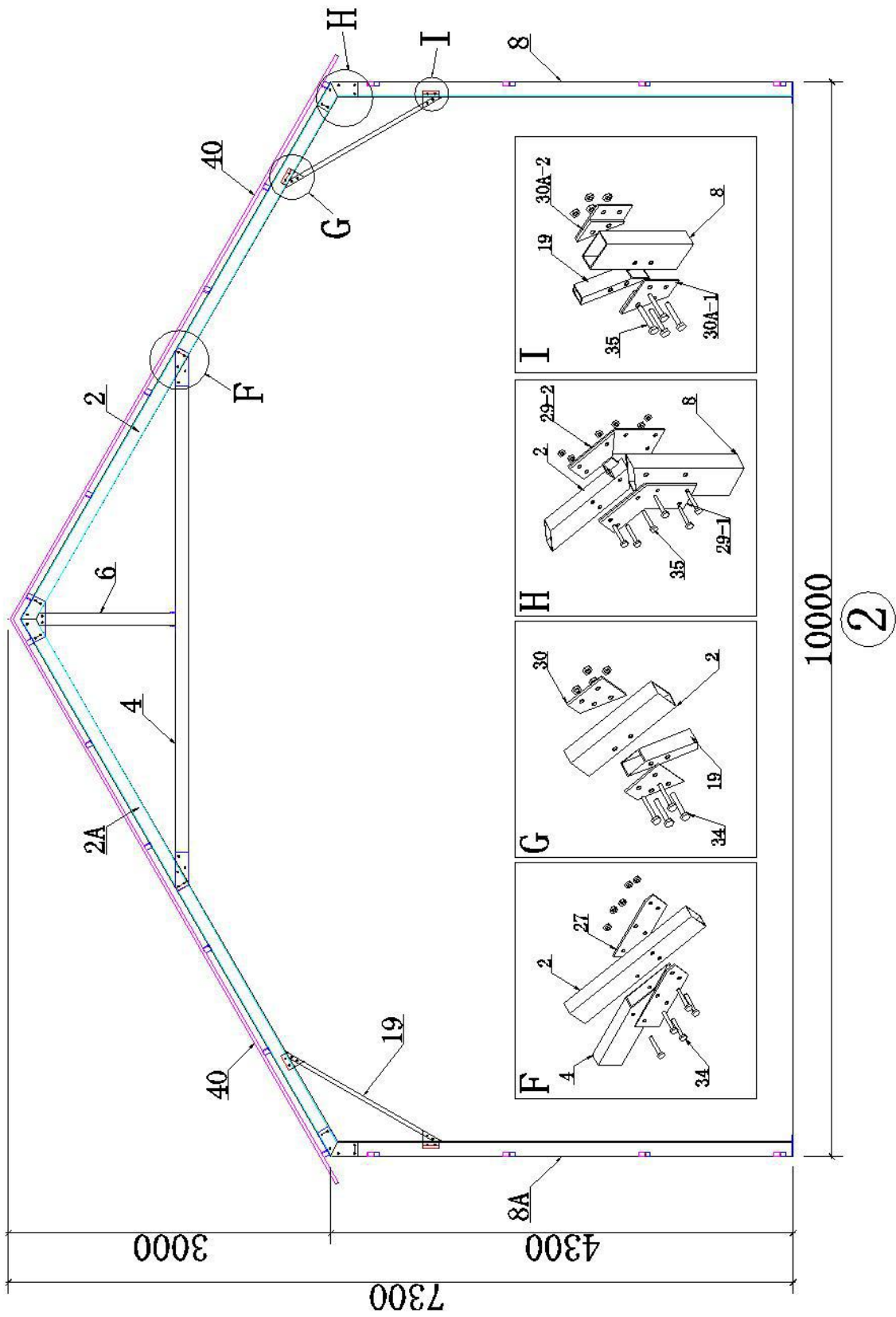
Overhead door parts installation

Install No. D1, D3, D5, D6, D7, D8, D9, D10, D13, D14, D30, D31

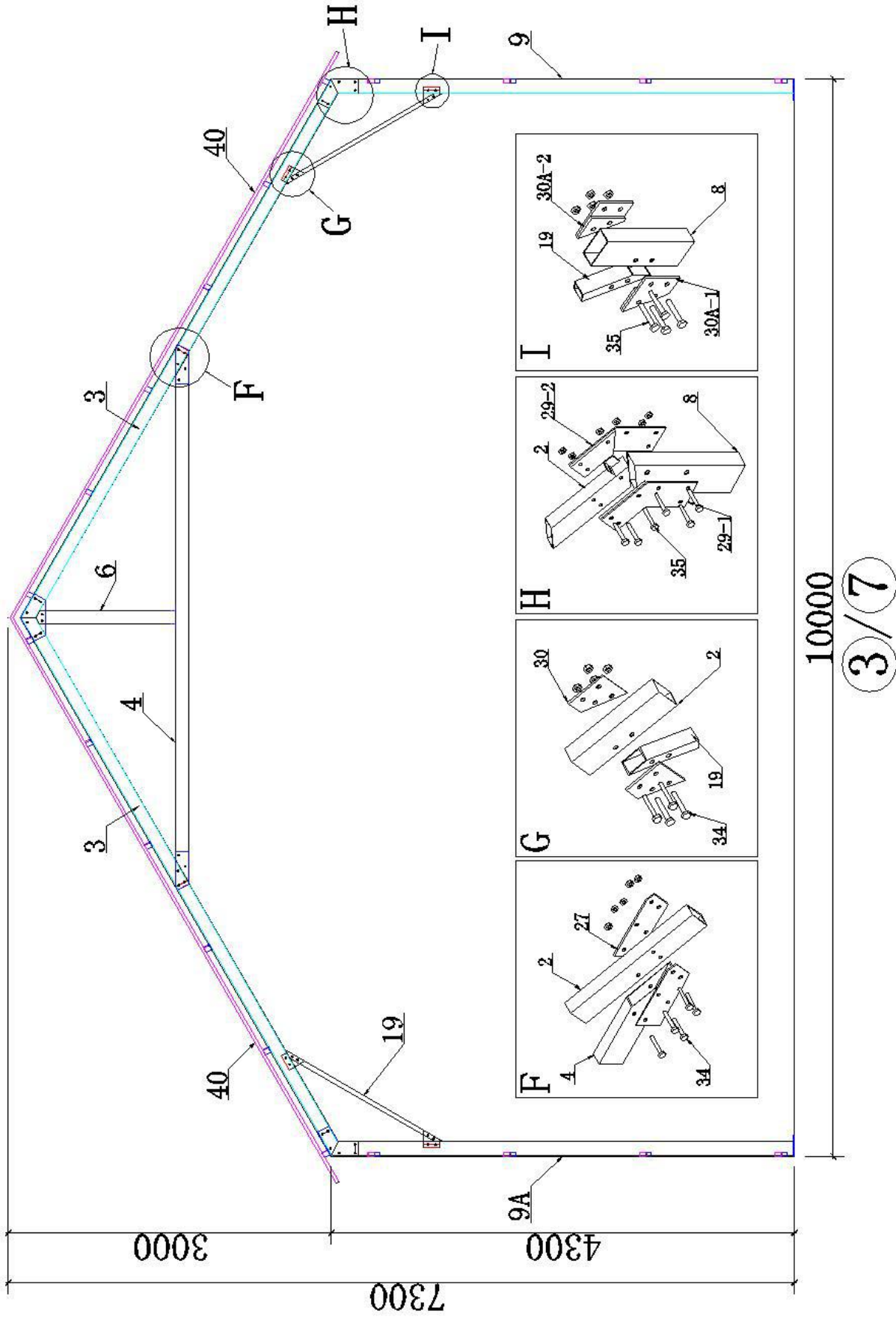
Note: the distance between two vertical tracks is 5150mm



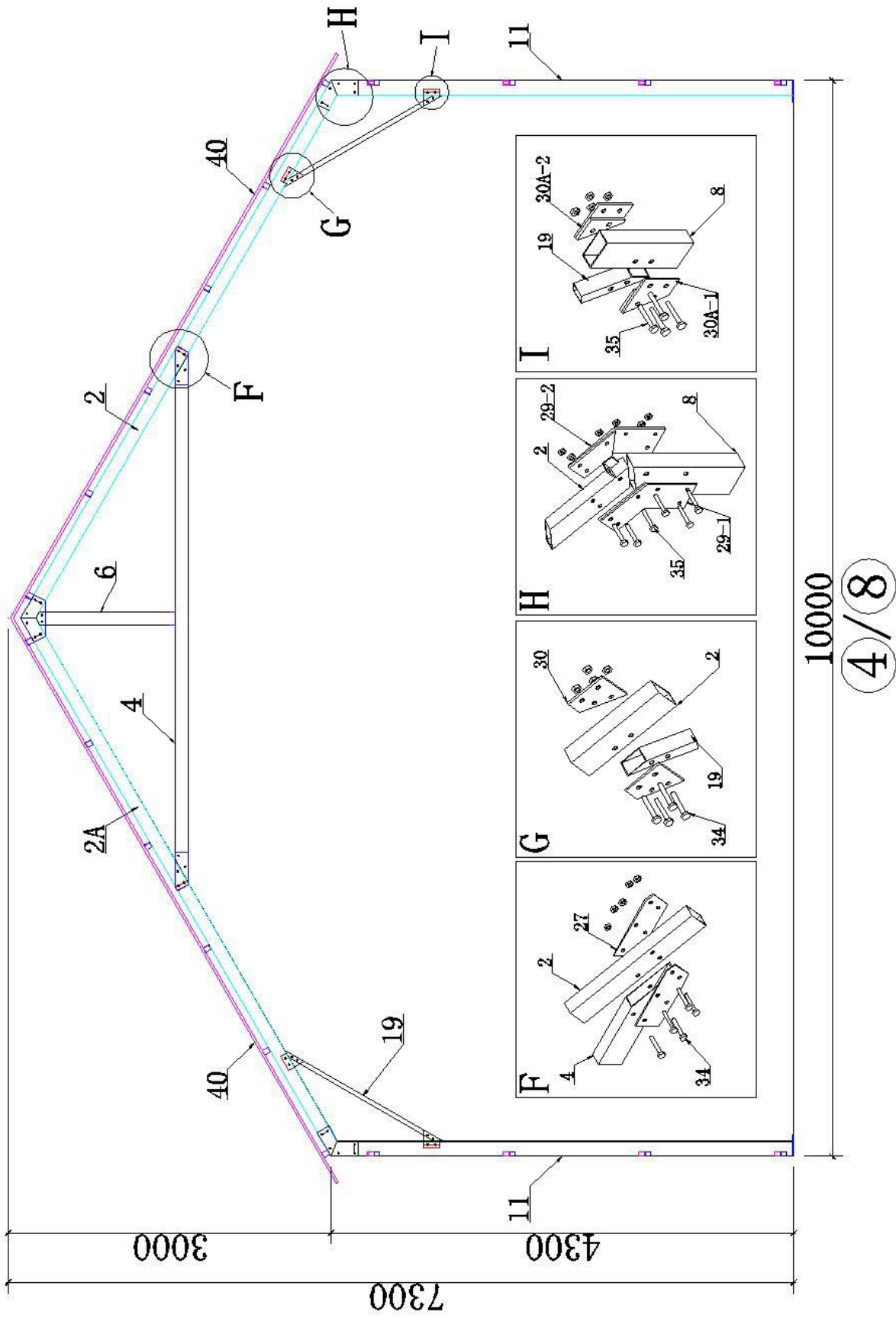
Arch No.2 installation



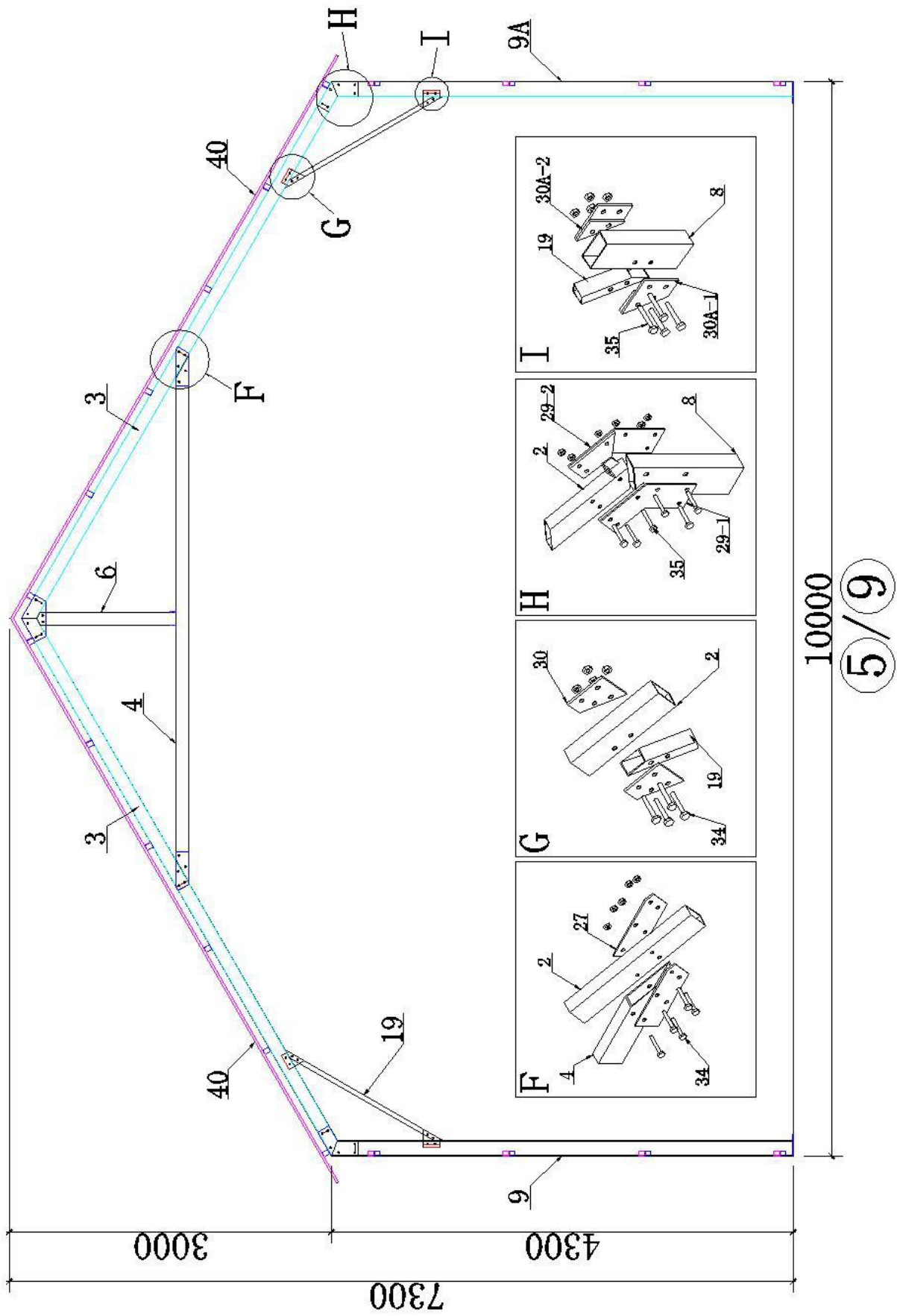
Arch No. 3 & No.7 installations



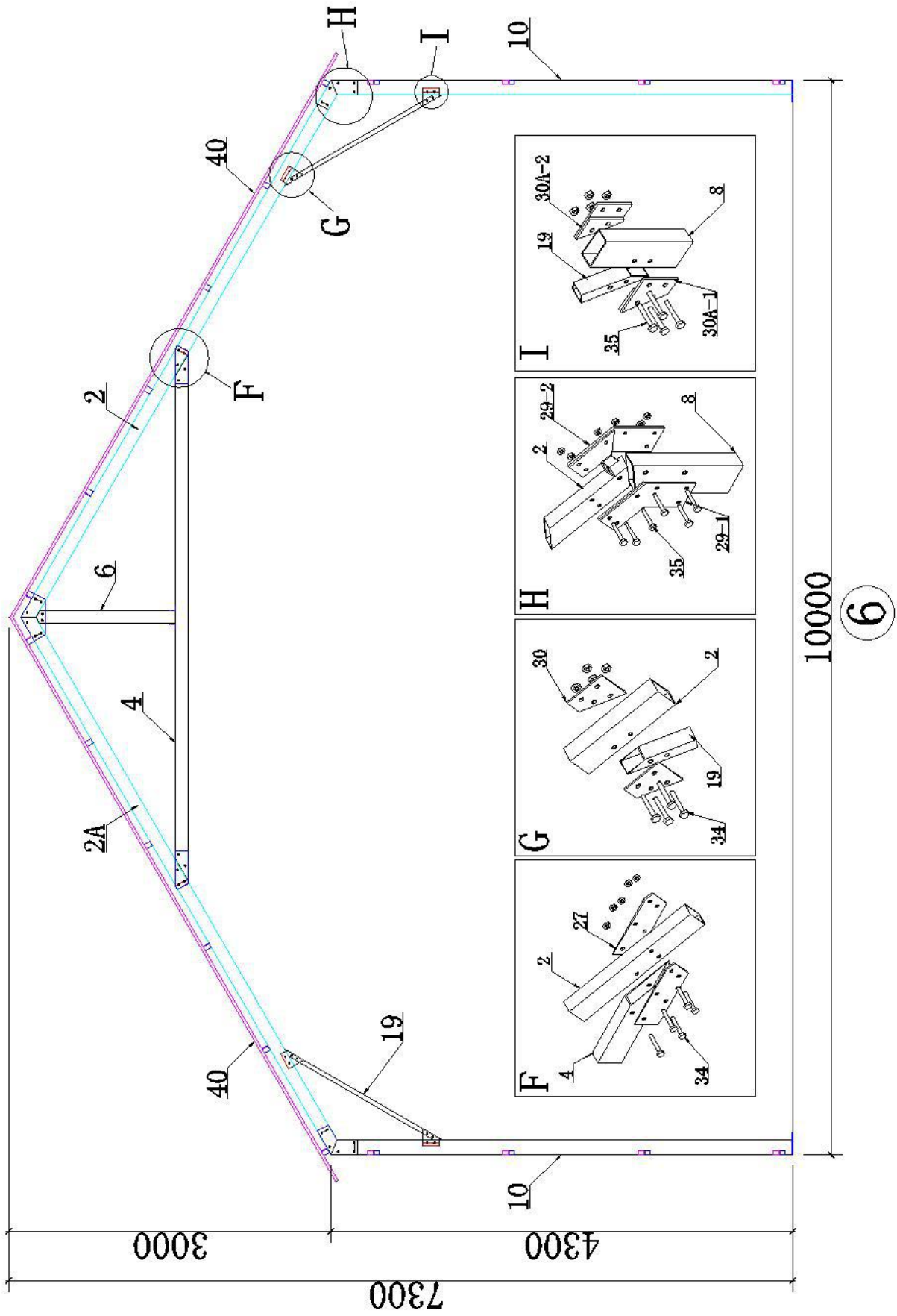
Arch No.4 & No.8 installations



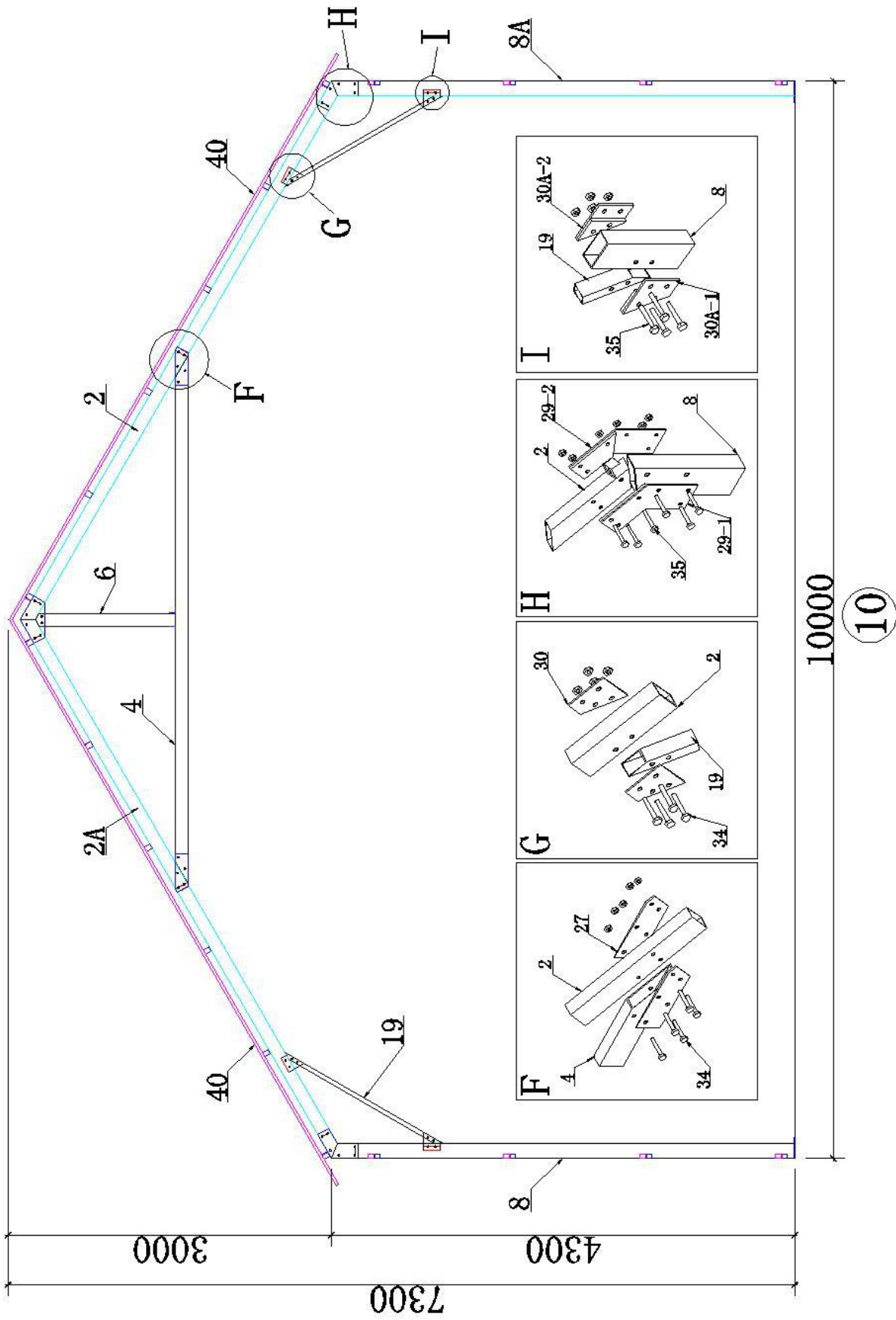
Arch No. 5 & No.9 installation



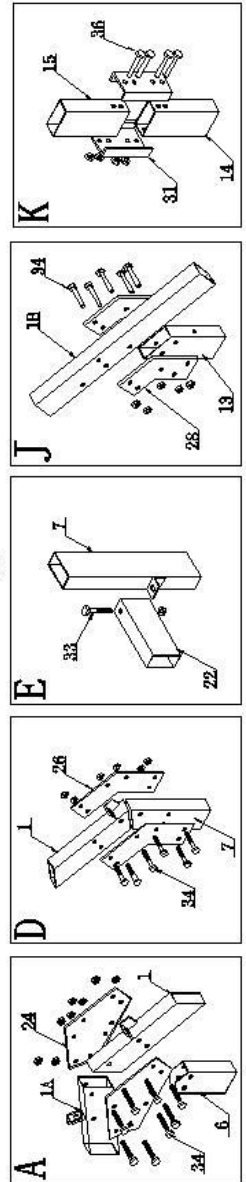
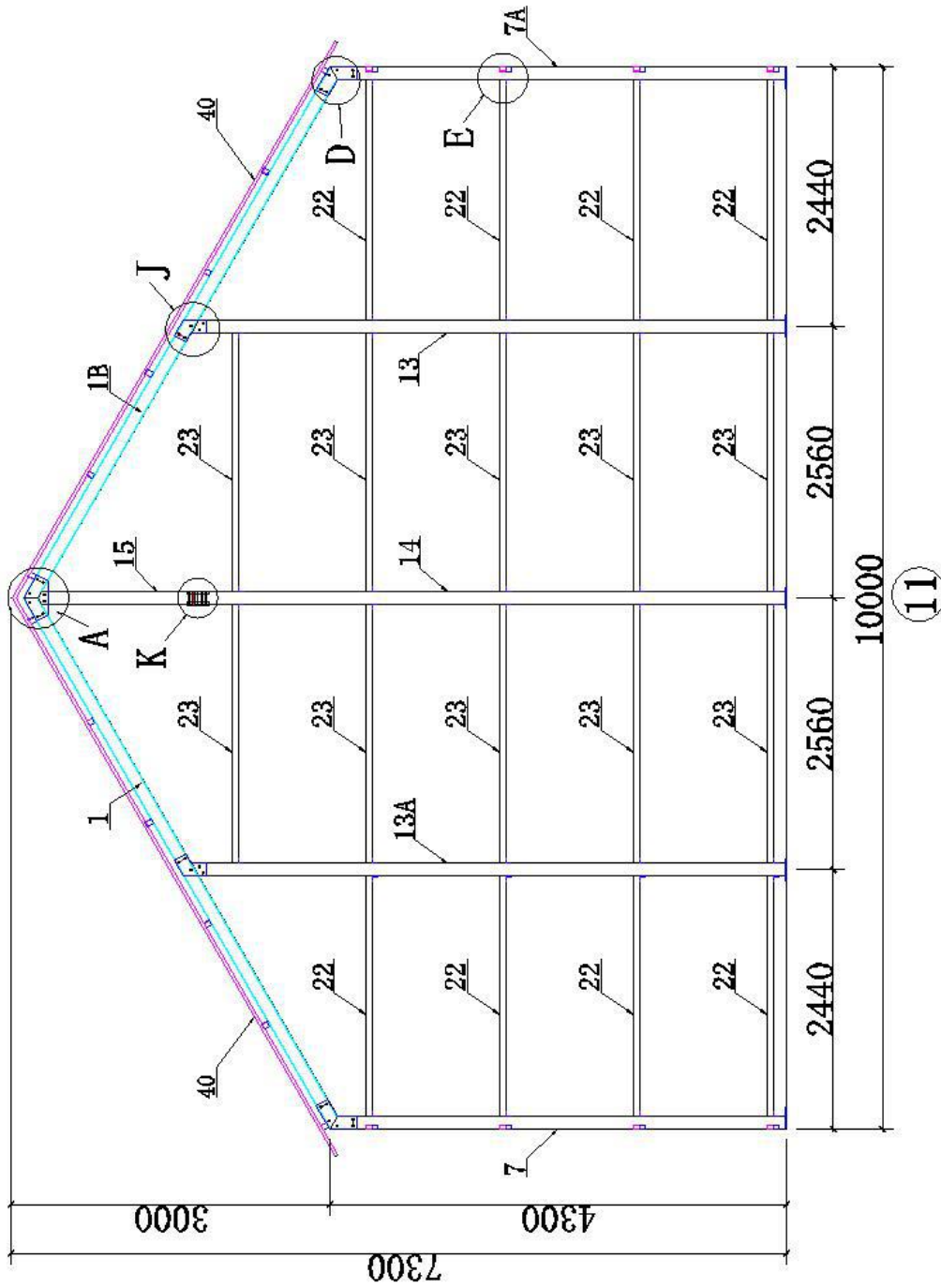
Arch No.6 installation



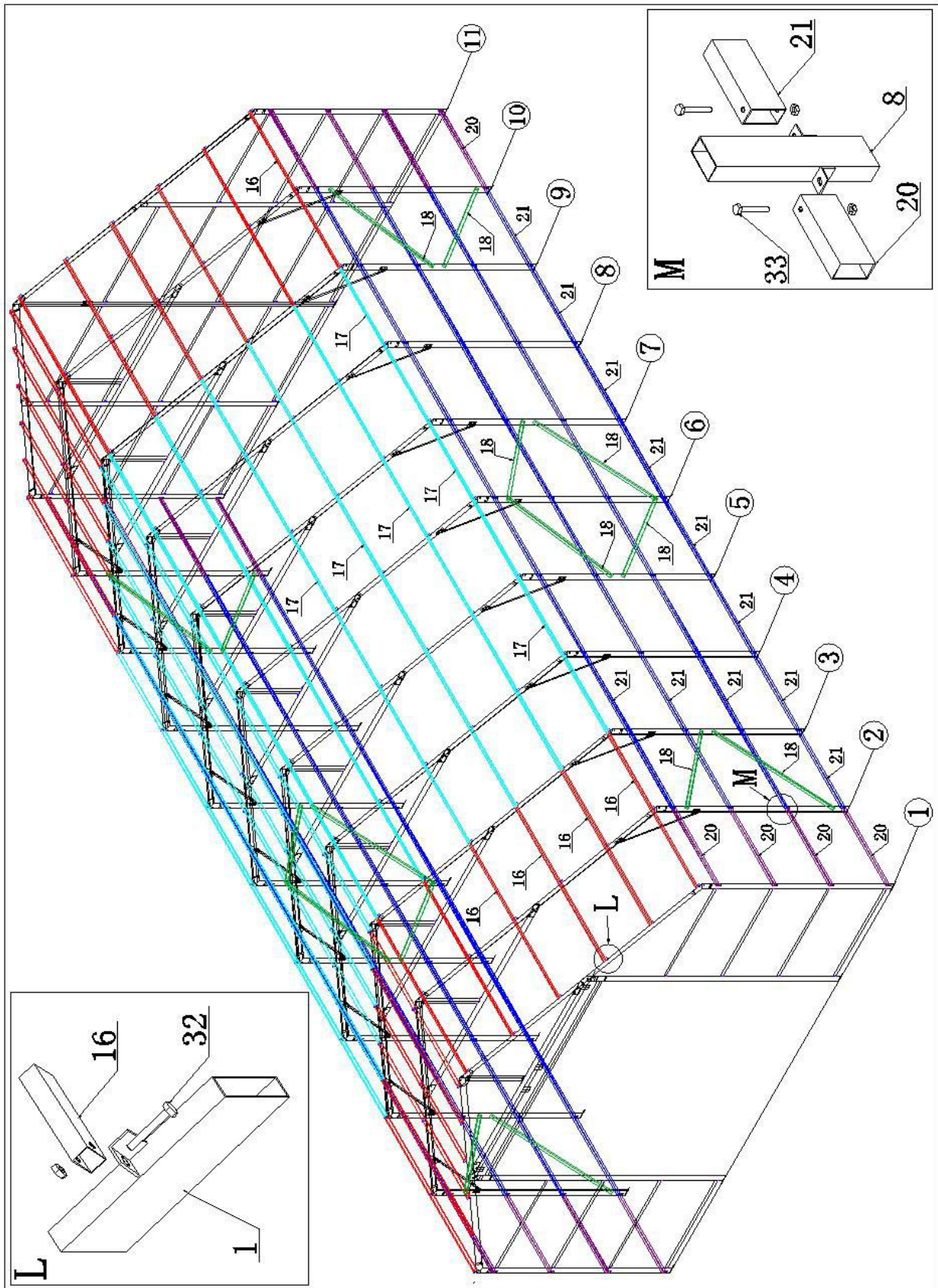
Arch No.10 installation

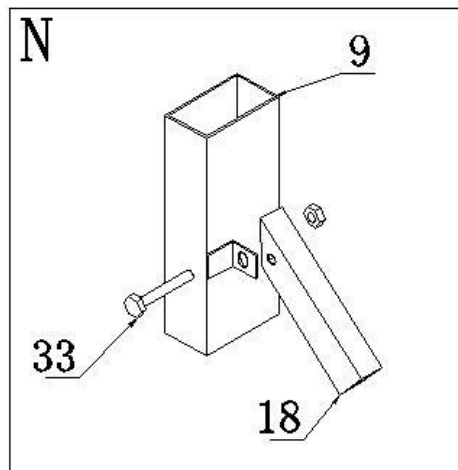
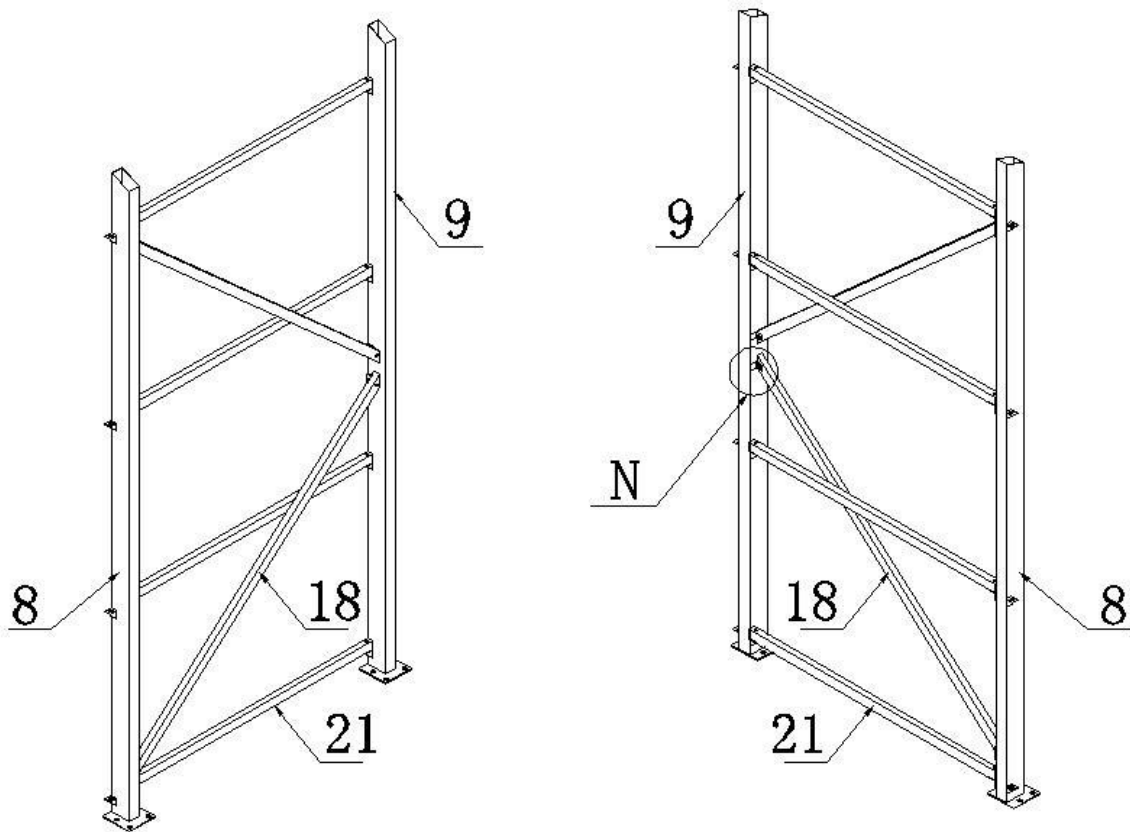


Arch No.11 and Back End installation



B--PURLIN AND BRACING TUBE INSTALLATION

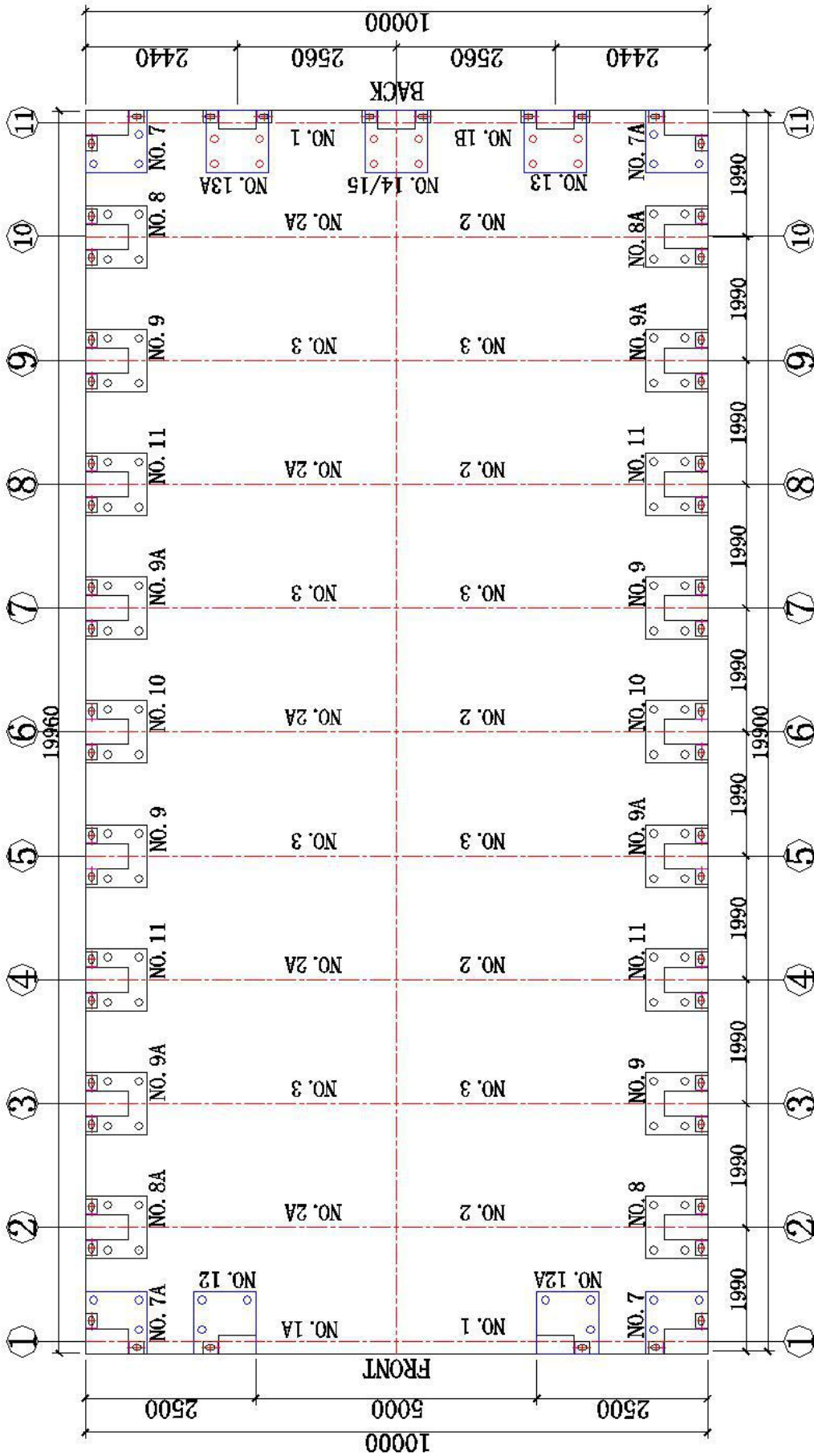




C—EXPANSION BOLT INSTALLATION

Install the expansion bolt to fix the steel plates to earth.

Foundation Drawing



D—OVERHEAD DOOR INSTALLATION

1. Install No.D2 3" horizontal double track and put 1 pc of No.D14 roller into the upper track.



Fix D2 by No.D34, D30, D32. Fix No.D1 3" side track & vertical track to upright. Connect No.D2 and No.D1 by No.D33



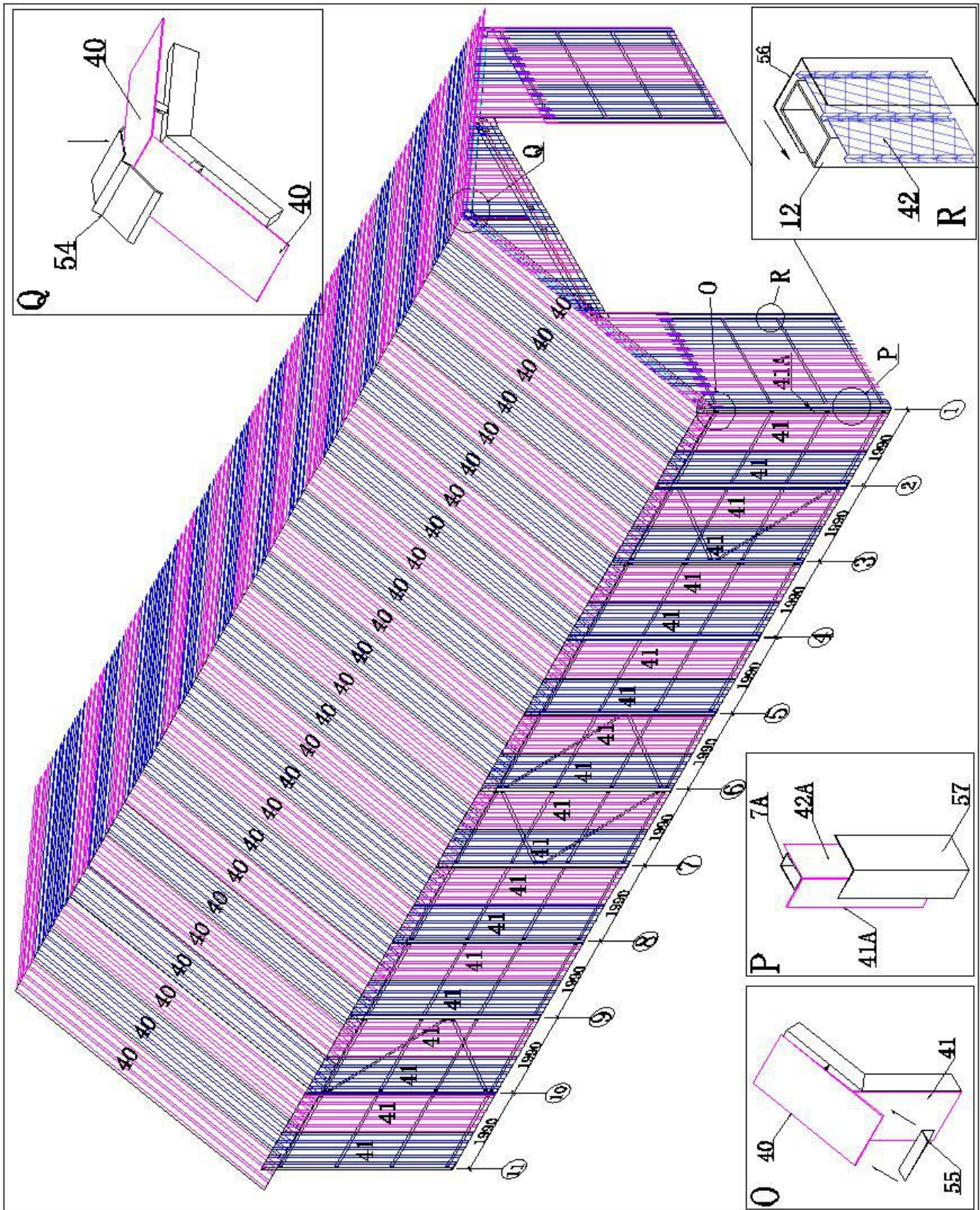
Install No.D11, D12, D15, D16, D17, D18, D19, D20, D21, D22, D23, D28, D30



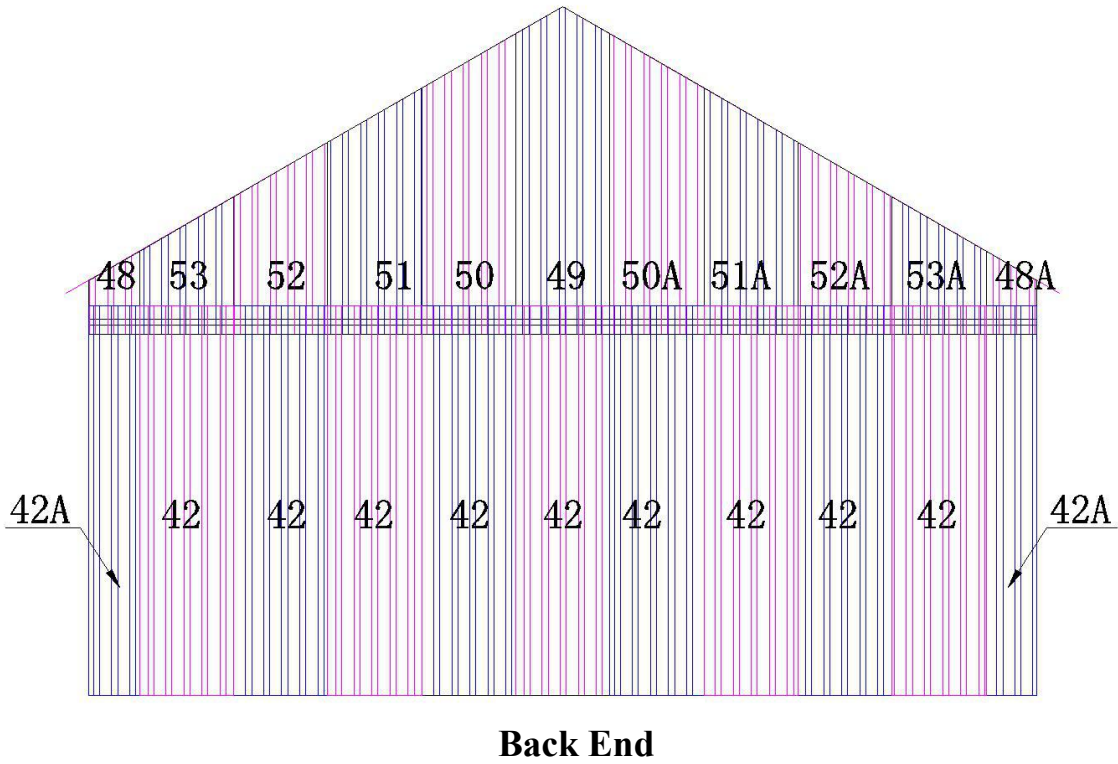
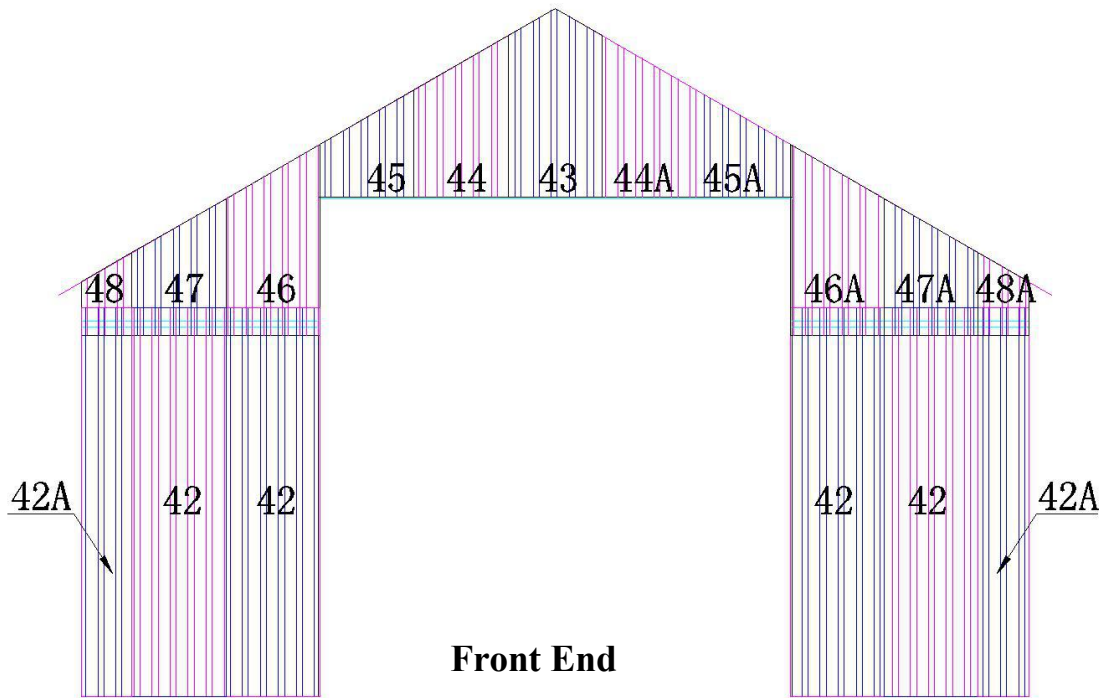
Now the installation for overhead door is completed.



E—COLOR STEEL PLATE INSTALLATION



Note: when install the front and back panels, please install the color steel plate from the middle to the sides



NOW THE INSTALLATION IS FINISHED