

Indoor LED display screen project

6/2000 Construction drawing

VERSION: First Edition

Design firm:

DATE : 2024.03

Description of steel structure design

1. GENERAL

1.1 THE DESIGN DETAILING AND FABRICATION OF STRUCTURAL STEEL WORK SHALL BE IN ACCORDANCE WITH AISC S326 SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION FOR STRUCTURAL STEEL FOR BUILDINGS, UNLESS OTHERWISE NOTED

1.2 STRUCTURAL STEEL SECTIONS AND PLATE THICKNESS ARE SHOWN IN MILLIMETERS. UNLESS OTHERWISE NOTED

1.3 ALL BOLTED CONNECTIONS SHALL HAVE A MINIMUM OF 2 BOLTS

1.4 PAINT SHALL NOT BE APPLIED WHERE SURFACES TO BE JOINTED BY HIGH TENSILE FRICTION GRIP BOLTS AND SURFACE TO BE WELDED OR EMBEDDED IN CONCRETE

1.5 ALL MATERIALS BELOW SHALL BE USED IN ACCORDANCE WITH REQUIRED STANDARD OR APPROVED EQUIVALENT

1.6 STRUCTURAL STEEL MEMBER

1.6.1 ALL STRUCTURAL STEEL MEMBER SHALL CONFORM TO GB50017-2003

1.7 BOLTS, NUTS AND WASHERS

1.7.1 HIGH STRENGTH BOLTS, NUTS AND WASHERS SHALL BE IN ACCORDANCE WITH GB/T3632-2008

1.7.2 COMMON BOLTS, NUTS AND WASHERS SHALL BE IN ACCORDANCE WITH GB50017-2003

1.8 WELDING ELECTRODES FOR HAND WELDING OR FOR AUTOMATIC WELDING MACHINE SHALL CONFORM TO AWS D1.1

1.9 SHOP CONNECTIONS ARE TO BE WELDED AND ALL FIELD CONNECTIONS SHALL BE FASTEND BY BOLTS, UNLESS OTHERWISE NOTED.

1.10 THE SYMBOLS FOR WELDING SHOWN ON DRAWINGS SHALL BE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY.

1.11 BOLT SYMBOLS AND PITCH

STANDARD PITCH AND EDGE DISTANCE SHALL CONFORM TO FOLLOW TABLE UNLESS OTHERWISE SPECIFIED ON THE DWGS.

WELDED NOTE FOR AS-0213 AND AS-0214

a : NOT PREQUALIFIED FOR GAS METAL ARC WELDING USING SHORT CIRCUITING TRANSFER AND GTAW

b : JOINT IS WELDED FROM ONE SIDE ONLY.

c : CYCLIC LOAD APPLICATION LIMITS THESE JOINTS TO THE HORIZONTAL WELDING POSITION.

d : BACKGOUGE ROOT TO SOUND METAL BEFORE WELDING SECOND SIDE.

e : SMAW DETAILED JOINTS MAY BE USED FOR PREQUALIFIED GMAW (EXCEPT GMAW-S) AND FCAW.

f : MINIMUM WELD SIZE(E) AS SHOWN IN 5.5 AS SPECIFIED ON DRAWING.

GROOVE WELDS IN CORNER AND T-JOINTS, THESE SHALL BE EQUAL TO $1/4T_1$, BUT NEED NOT EXCEED 10mm. GROOVE WELDS IN CORNER AND T-JOINTS OF CYCLICALLY LOADED STRUCTURES SHALL BE REINFORCED WITH FILLET WELDS EQUAL TO $1/4T_1$, BUT NOT MORE THAN 10mm.

h : DOUBLE-GROOVE WELDS MAY HAVE GROOVES OF UNEQUAL DEPTH, BUT THE DEPTH OF THE SHALLOWER GROOVE SHALL BE NO LESS THAN ONE-FOURTH OF THE THICKNESS OF THE THINNER PART JOINED.

i : DOUBLE-GROOVE WELDS MAY HAVE GROOVE OF UNEQUAL DEPTH, PROVIDED THESE CONFORM TO THE LIMITATIONS OF NOTE E. ALSO THE WELD SIZE (E) APPLIES INDIVIDUALLY TO EACH GROOVE.

j : THE ORIENTATION OF THE TWO MEMBERS IN THE JOINTS MAY VARY FROM 135° TO 180° FOR BUTT JOINTS OR 45° TO 90° FOR T-JOINTS.

k : FOR CORNER JOINTS. THE OUTSIDE GROOVE PREPARATION MAY BE IN EITHER OR BOTH MEMBER, PROVIDED THE BASIC GROOVE CONFIGURATION IS NOT CHANGED AND ADEQUATE EDGE DISTANCE IS MAINTAINED TO SUPPORT THE WELDING OPERATIONS WITHOUT EXCESSIVE EDGE MELTING.

l : WELD SIZE (E) IS BASED ON JOINTS WELDED FLUSH.

m : FOR FLARE-V-GROOVE WELDS AND FLARE-BEVEL-GROOVE WELDS TO RECTANGULAR TUBULAR SECTIONS, r SHALL BE AS TWO TIMES THE WALL THICKNESS.

n : FOR FLARE-V-GROOVE WELDS TO SURFACES WITH DIFFERENT RADII r, THE SMALLER r SHALL BE USED.

WELDING SYMBOL

BASIC WELDING SYMBOL		
TYPE		SYMBOL
SQUARE	SINGLE	
GROOVE WELD	DOUBLE	
V SHAPE	SINGLE	
GROOVE WELD	DOUBLE	
BEVEL	SINGLE	
GROOVE WELD	DOUBLE	
J SHAPE	SINGLE	
GROOVE WELD	DOUBLE	
U SHAPE	SINGLE	
GROOVE WELD	DOUBLE	
FLARE-BEVEL	SINGLE	
GROOVE WELD	DOUBLE	
FLARE V SHAPE	SINGLE	
	DOUBLE	
	SINGLE	
	DOUBLE	
PLUG OR SLOT WELD		
BACK WELD		

ADDITIONAL WELDING SYMBOL		
NAME		SYMBOL
BACKING BAR		
SPACER		
WELD ALL AROUND		
FIELD WELD		
WELD SURFACE	FLUSH	
	CONVEX	
	CONCAVE	
WELD EXTRA WORK	CHISEL	C
	GRIND	G
	MILLER	M
	HAMMER	H
	FREE	F

6.1 SYMBOLS FOR JOINT TYPES

B	BUTT JOINT
C	CORNER JOINT
T	T-JOINT
BC	BUTT OR CORNER JOINT
TC	T-OR CORNER JOINT
BTC	BUTT, T-, OR CORNER JOINT

6.2 SYMBOLS FOR BASE METAL THICKNESS AND PENETRATION

L	LIMITED THICKNESS-COMPLETE JOINT PENETRATION
U	UNLIMITED THICKNESS-COMPLETE JOINT PENETRATION
P	PARTIAL JOINT PENETRATION

6.3 SYMBOLS FOR WELD TYPES

1	SQUARE-GROOVE
2	SINGLE-V-GROOVE
3	DOUBLE-V-GROOVE
4	SINGLE-BEVEL-GROOVE
5	DOUBLE-BEVEL-GROOVE
6	SINGLE-U-GROOVE
7	DOUBLE-U-GROOVE
8	SINGLE-J-GROOVE
9	DOUBLE-J-GROOVE
10	FLARE-BEVEL-GROOVE

3 SQUARE-GROOVE CJP WELD DETAIL								
FOR BUTT JOINT(B), CORNER JOINT(C)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION AS DETAILED	PERMITTED WELDING POSITIONS AS FIT-UP	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	B-1/2	6 mm	U	R=12	R=12	F, J, OH	-	A, 1
SMW/FCW	B-1/2-GF	10 mm	U	R=12	R=12	F, J, OH	X	A, 1

2 SQUARE-GROOVE CJP WELD DETAIL								
FOR BUTT JOINT(B)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION AS DETAILED	PERMITTED WELDING POSITIONS AS FIT-UP	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	B-1/2	6 mm	U	R=12	R=12	F, J, OH	-	A, 1
SMW/FCW	B-1/2-GF	10 mm	U	R=12	R=12	F, J, OH	X	A, 1

3 SINGLE-V-GROOVE CJP WELD DETAIL								
FOR BUTT JOINT(B)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION AS DETAILED	PERMITTED WELDING POSITIONS AS FIT-UP	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	B-1/2	U	U	R=12	R=12	F, J, OH	-	A, 1
SMW/FCW	B-1/2-GF	U	U	R=12	R=12	F, J, OH	X	A, 1

4 SINGLE-V-GROOVE CJP WELD DETAIL								
FOR CORNER JOINT(C)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION	PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	C-1/2	U	U	R=6	R=12	F, J, OH	-	A, 1
SMW/FCW	C-1/2-GF	U	U	R=6	R=12	F, J, OH	X	A, 1

5 SINGLE-BEVEL-GROOVE CJP WELD DETAIL								
FOR BUTT JOINT(B)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION	PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	B-1/4	U	U	R=6	R=12	F, J, OH	-	A, 1
SMW/FCW	B-1/4-GF	U	U	R=6	R=12	F, J, OH	X	A, 1

6 SINGLE-BEVEL-GROOVE CJP WELD DETAIL								
FOR T-JOINT(T), CORNER JOINT(C)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION	PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	T-1/4	U	U	R=6	R=12	F, J, OH	-	A, 1
SMW/FCW	T-1/4-GF	U	U	R=6	R=12	F, J, OH	X	A, 1

7 SINGLE-V-GROOVE CJP WELD DETAIL								
FOR BUTT JOINT(B)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION	PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	B-1/2	U	U	R=12	R=12	F, J, OH	-	A, 1
SMW/FCW	B-1/2-GF	U	U	R=12	R=12	F, J, OH	X	A, 1

8 SINGLE-BEVEL-GROOVE CJP WELD DETAIL								
FOR T-JOINT(T), CORNER JOINT(C)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION	PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	T-1/4	U	U	R=6	R=12	F, J, OH	-	A, 1
SMW/FCW	T-1/4-GF	U	U	R=6	R=12	F, J, OH	X	A, 1

9 DOUBLE-BEVEL-GROOVE CJP WELD DETAIL								
FOR BUTT JOINT(B)								
* NOTE 1. ALL DIMENSIONS IN mm. 2. SEE 6 FOR WELDED LEGEND. 3. * REQUIRE, X NOT REQUIRE.								
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (E-UNLIMITED)		ROOT OPENING	GROOVE PREPARATION	PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCW	WELDED NOTE
		T1	T2					
SMW	B-1/2	U	U	R=12	R=12	F, J, OH	-	A, 1
SMW/FCW	B-1/2-GF	U	U	R=12	R=12	F, J, OH	X	A, 1

11 SQUARE-GROOVE CJP WELD DETAIL

FOR CORNER JOINT(C)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCAR	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	C-U-D	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	-	A, B, G, I
SMWV FCAR	C-U-D-OF	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	X	A, B, G, I
SANW	C-U-D-B	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	F	-	B, G, J

12 SINGLE-BEVEL-GROOVE CJP WELD DETAIL

FOR BUTT JOINT(B)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCAR	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	B-U-B	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	-	C, D, E, J, L
SMWV FCAR	B-U-B-OF	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	X	A, B, C, D, E, J, L
SANW	B-U-B-B	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	F	-	C, D, E, J, L

13 SQUARE-GROOVE PJP WELD DETAIL

FOR T-JOINT(T), CORNER JOINT(C)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCAR	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	TCL-L	19mm	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	-	A, B, G, I, L
SMWV FCAR	TCL-L-OF	19mm	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	X	A, B, G, I, L
SANW	TCL-L-B	19mm	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	F	-	B, G, J, L

14 DOUBLE-V-GROOVE CJP WELD DETAIL

FOR BUTT JOINT(B)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCAR	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	B-U-B	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	-	C, D, E, J, L
SMWV FCAR	B-U-B-OF	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	ALL	X	A, B, C, D, E, J, L
SANW	B-U-B-B	U	U	Rd TO 3 H MAX 4RND 15°-30°	+2.0 -2.0 +10°-30°	F	-	C, D, E, J, L

15 SQUARE-GROOVE PJP WELD DETAIL

FOR BUTT JOINT(B)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCAR	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	B-P/B	6mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°	ALL	-	A, B, C, I, L
SMWV FCAR	B-P/B-OF	6mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°			

16 SQUARE-GROOVE PJP WELD DETAIL

FOR BUTT JOINT(B)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	GAS SHIELDING FOR FCAR	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	B-P/B	6mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°	ALL	-	A, B, C, I, L
SMWV FCAR	B-P/B-OF	6mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°			

17 SINGLE-V-GROOVE PJP WELD DETAIL

FOR BUTT JOINT(B)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	TOTAL WELD SIZE (E1+E2)	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	B-P/B	6mm	-	R1-T1/12 15°-30°	+2.0 -2.0	ALL	2T1/4	A

18 DOUBLE-V-GROOVE PJP WELD DETAIL

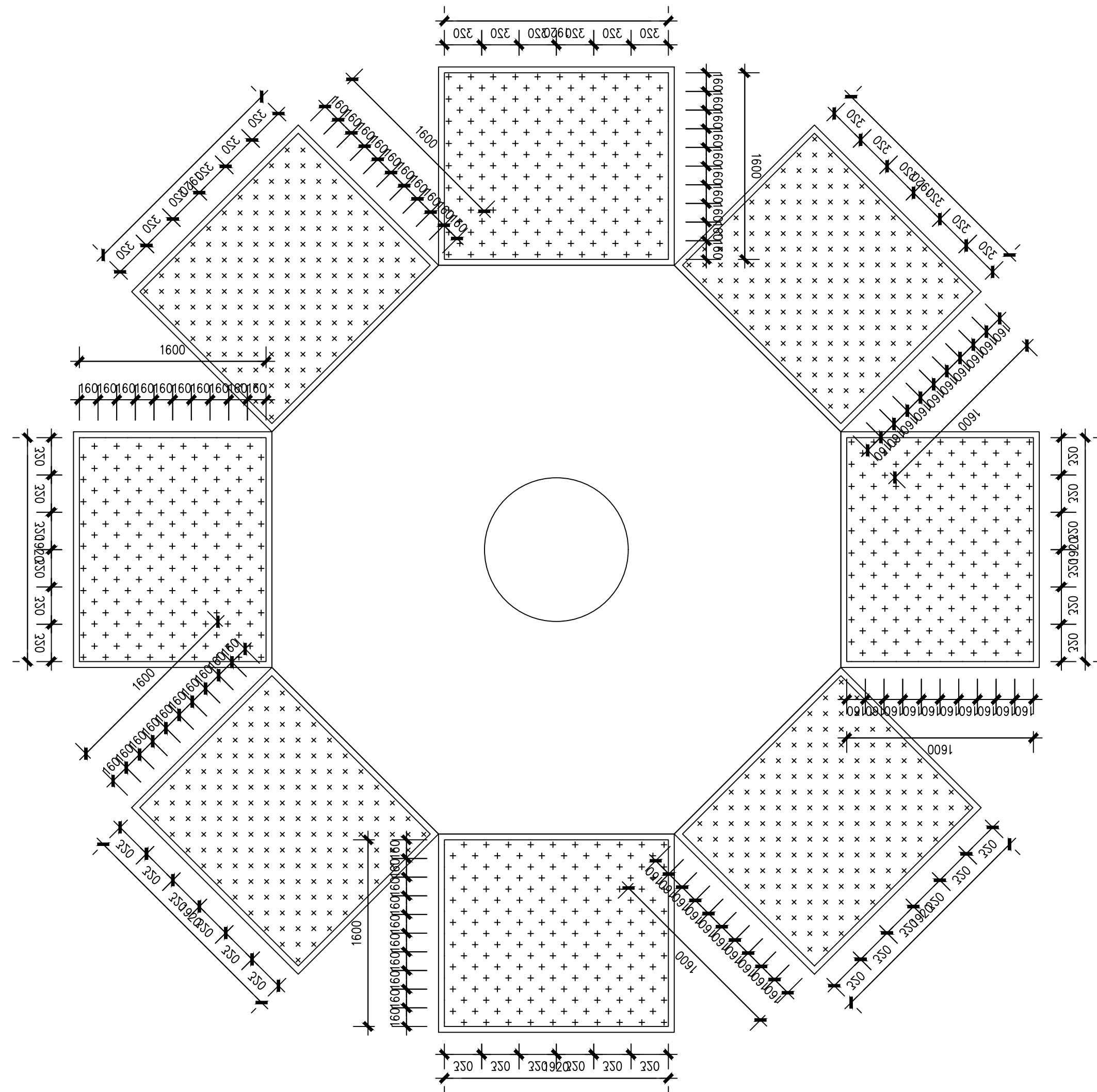
FOR BUTT JOINT(B)

WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	TOTAL WELD SIZE (E1+E2)	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	B-P/B	12mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°	ALL	51-52	A, B, C, I, L
SMWV FCAR	B-P/B-OF	12mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°			

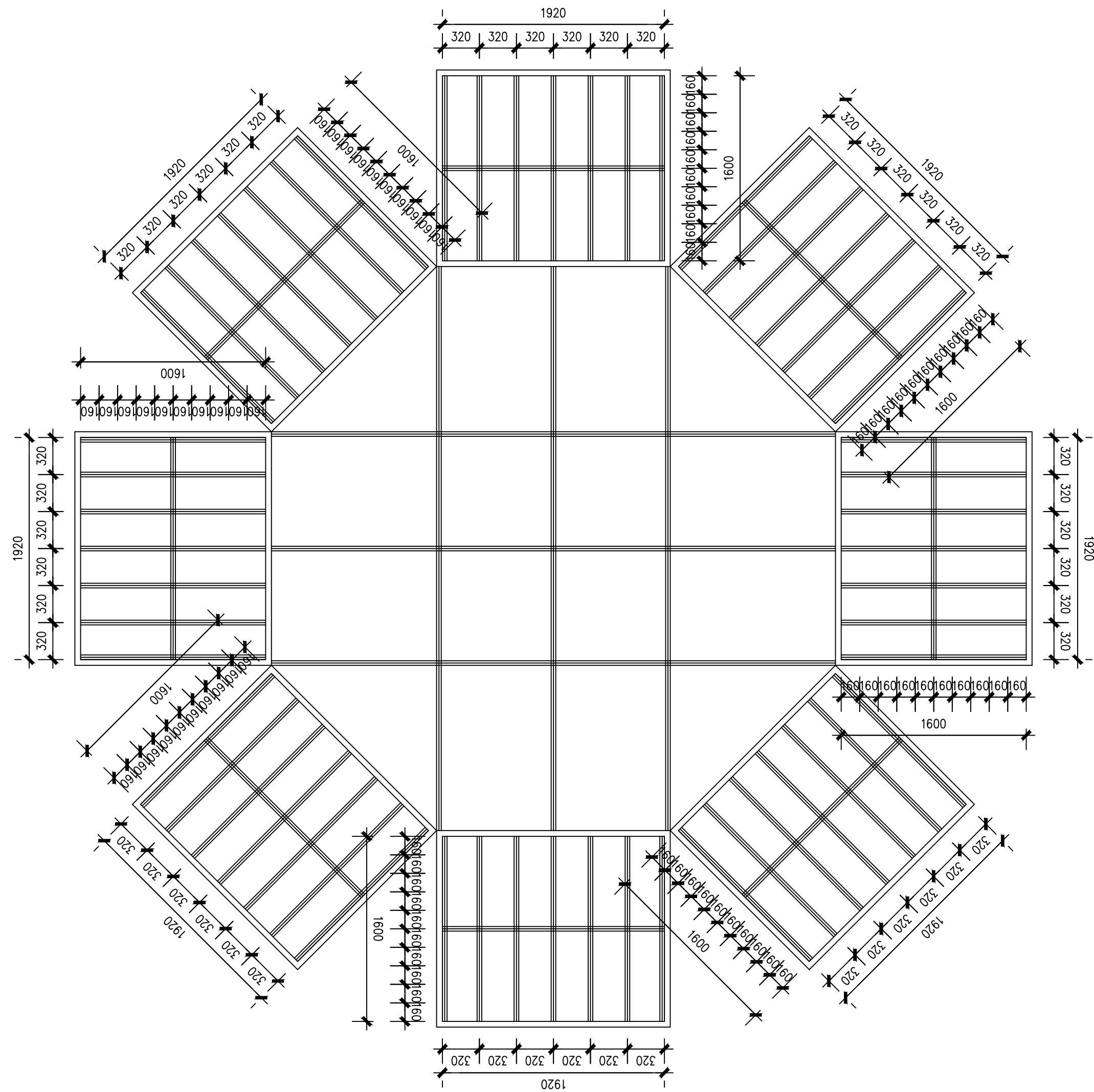
19 SQUARE-GROOVE PJP WELD DETAIL

FOR BUTT JOINT(B)

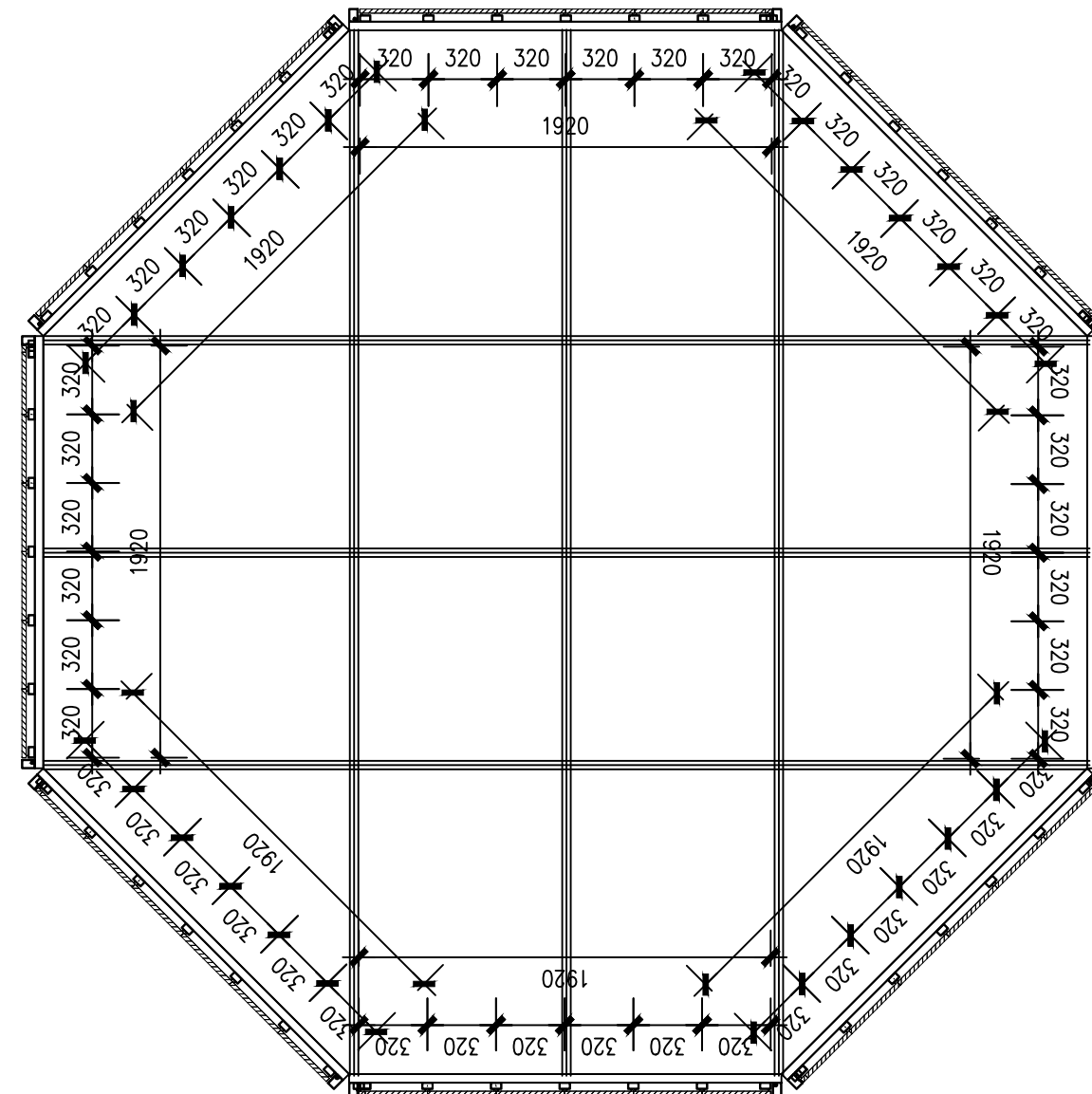
WELDING PROCESS	JOINT DESIGNATION	BASE METAL THICKNESS (HUNLIMITED)		GROOVE PREPARATION		PERMITTED WELDING POSITIONS	TOTAL WELD SIZE (E1+E2)	WELDED NOTE
		T1	T2	ROOT OPENING ROOT FACE GROOVE ANGLE AS DETAILLED	TOLERANCE AS FIT-UP			
SMWV	B-P/B	19mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°	ALL	51-52	A, B, C, I, L
SMWV FCAR	B-P/B-OF	19mm	-	R1-T1/12 15°-30°	+2.0 -2.0 +10°-30°			



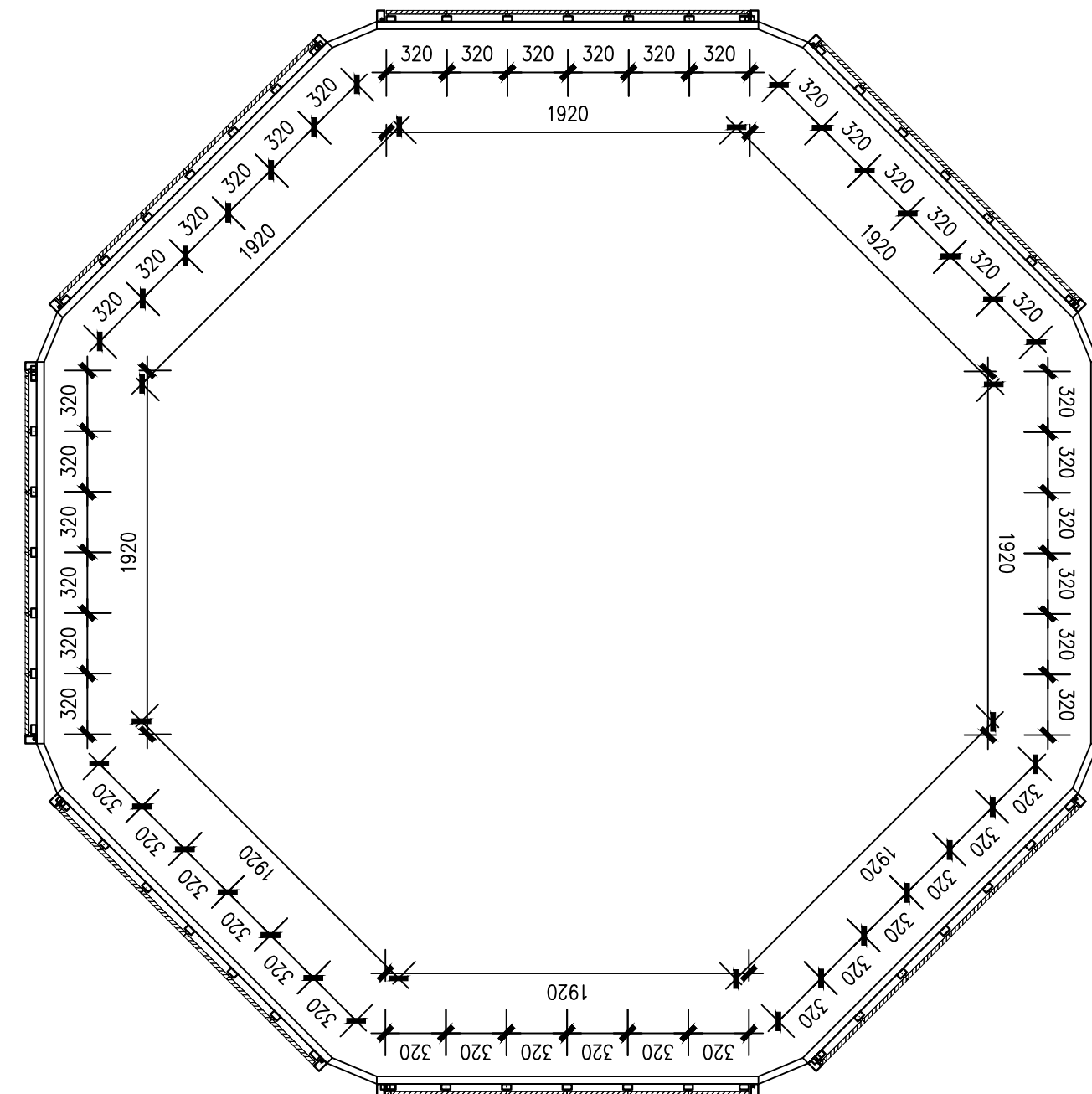
Display screen deployment layout diagram



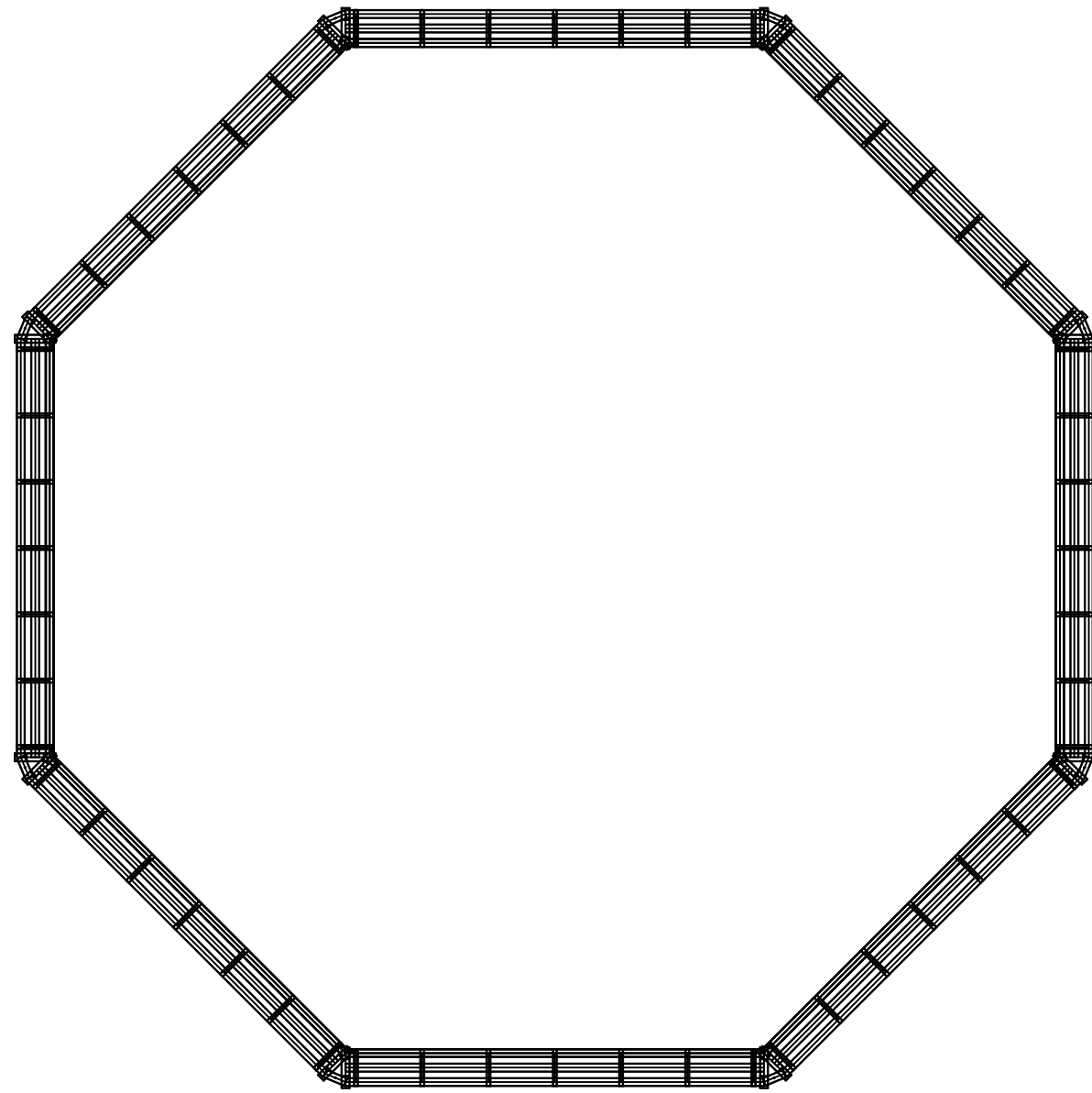
Frame structure deployment layout
diagram



Layout plan of the bottom of the frame structure



Layout plan of the bottom of the frame structure



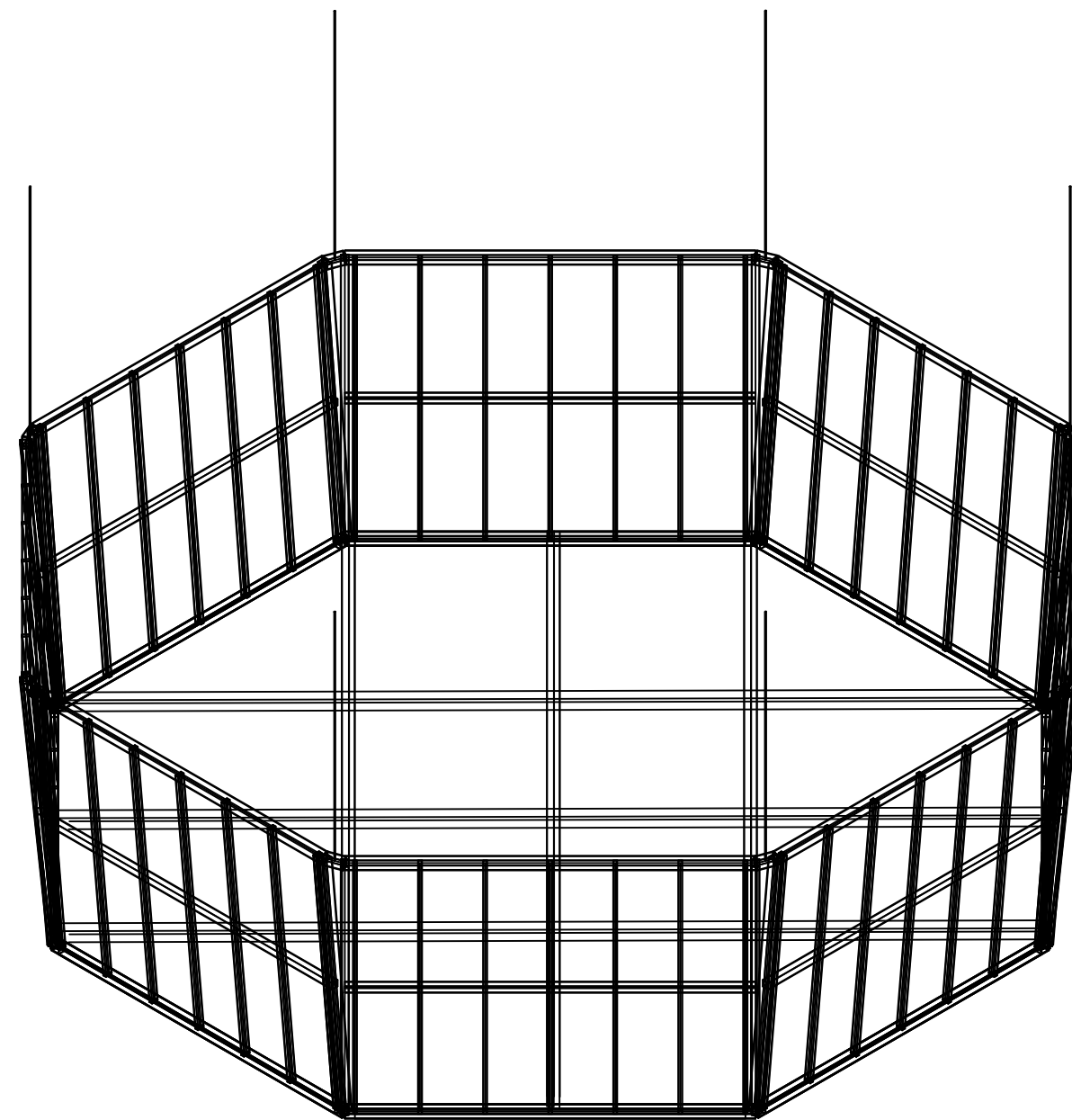
Plan view 1:100



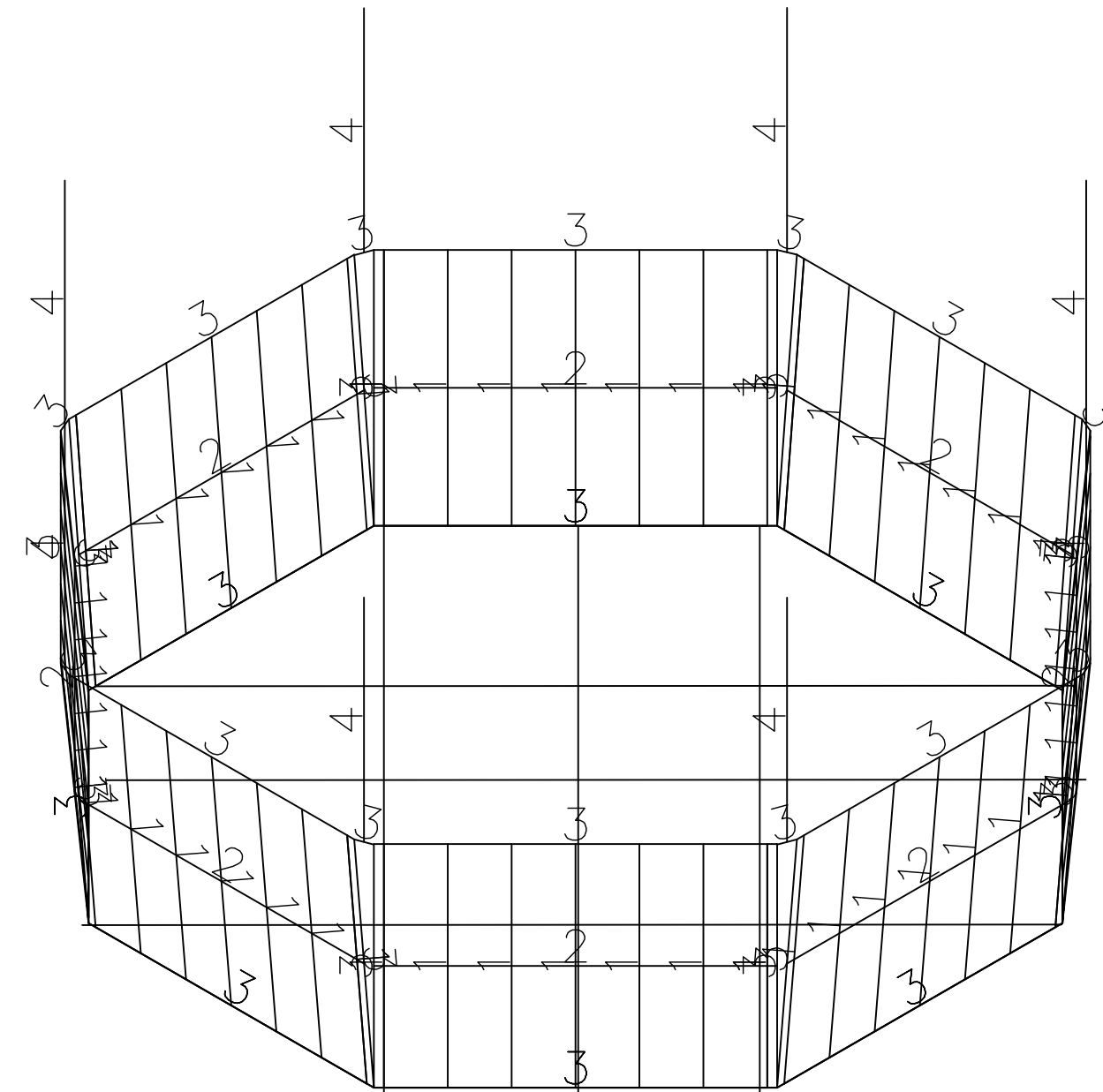
Front view 1:100



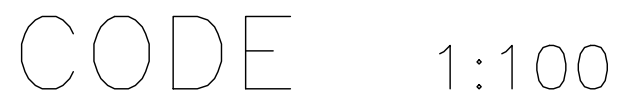
Side view 1:100

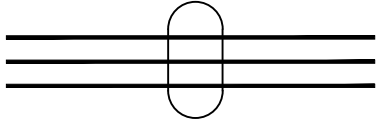
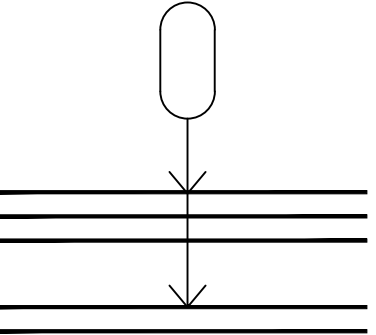


Axonometric drawing

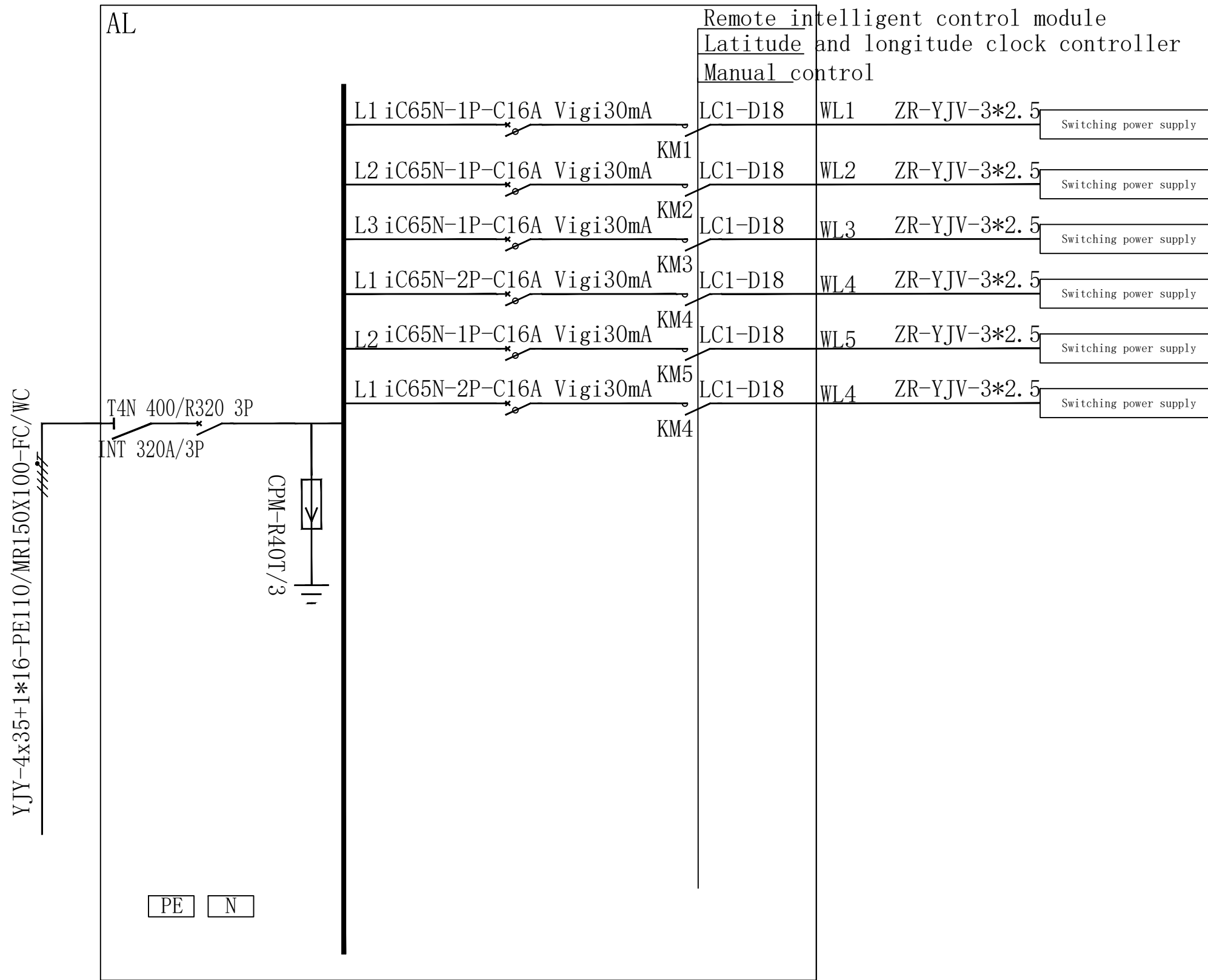


SIZE 1:100

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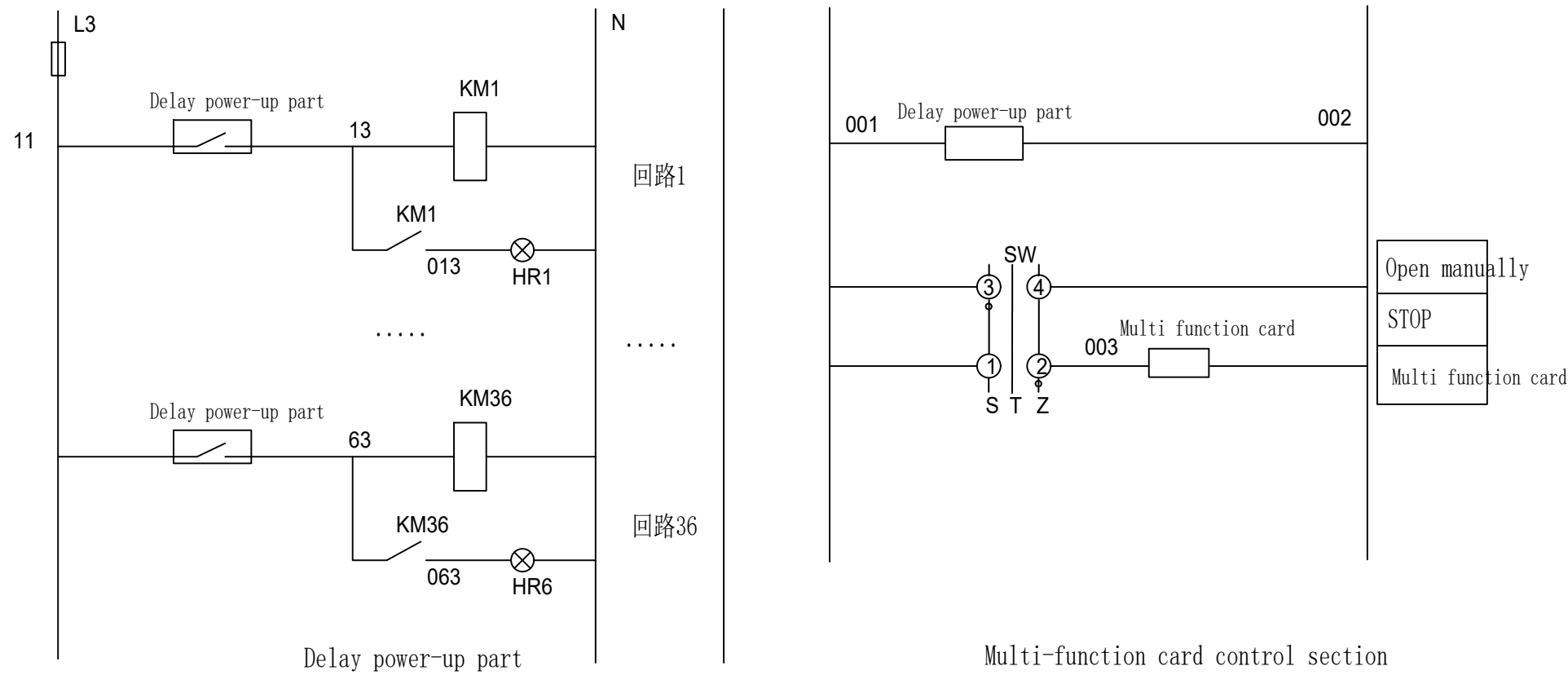
序号	符 号	说 明	符 号 来 源
3-001	══	直流 Direct current 示例: 2/M === 220V/110V	GB/T 4728.2-1998 02-02-03(idt IEC IEC 60617-2:1996)
3-002	⋯	交流 Alternating current	GB/T 4728.2-1998 02-02-04(idt IEC 60617-2:1996)
3-003	3/N~400/230V 50Hz	交流三相带中性线 400V (相线和中性线间的电压为230V), 50Hz	GB/T 4728.2-1998 02-02-07(idt IEC 60617-2:1996)
3-004	3/N~50Hz/TN-S	交流三相50Hz, 具有一个直接接地且中性线与保护导体全部分开的系统	GB/T 4728.2-1998 02-02-08(idt IEC 60617-2:1996)
3-005	+	正极 Positive Polarity	GB/T 4728.2-1998 02-02-13(idt IEC 60617-2:1996)
3-006	-	负极 Negative Polarity	GB/T 4728.2-1998 02-02-14(idt IEC 60617-2:1996)
3-007	N	中线 (中性线) Neutal	GB/T 4728.2-1998 02-02-15(idt IEC 60617-2:1996)
3-008	M	中间线 Mid-wire	GB/T 4728.2-1998 02-02-16(idt IEC 60617-2:1996)
3-009	≡	接地、地一般符号 Earth	GB/T 4728.2-1998 02-15-01(idt IEC 60617-2:1996)
3-010	————	连线、连接、连线组 (导线、电缆、电线、传输通路) Conductor connection Group of conductors	GB/T 4728.3-1998 03-01-01(idt IEC 60617-3:1996)
3-011	——///——	三根导线 Three connections	GB/T 4728.3-1998 03-01-02(idt IEC 60617-3:1996)
3-012	—— ³ / _— ——	三根导线 Three connections	GB/T 4728.3-1998 03-01-03(idt IEC 60617-3:1996)
3-013	——⌒——	柔性连接 Flexible connection	GB/T 4728.3-1998 03-01-06(idt IEC 60617-3:1996)
3-014	——⊙——	屏蔽导体 Screened conductor	GB/T 4728.3-1998 03-01-07(idt IEC 60617-3:1996)
3-015	══/══	绞合导线 Twisted connecetion 示出两根 Two connections shown	GB/T 4728.3-1998 03-01-08(idt IEC 60617-3:1996)
3-016	══ 	电缆中的导线 Conductor in cable 示出三根 Three conductors shown	GB/T 4728.3-1998 03-01-09(idt IEC 60617-3:1996)
3-017		示例 五根导线, 其中箭头所指的两根导线在同一根电缆内 Five conductors,two of which marked by arrowheads are in one cable	GB/T 4728.3-1998 03-01-10(idt IEC 60617-3:1996)

Equipment capacity: Pe=35kW
Coefficient of demand: Kx=1.0
Calculated capacity: Pc=35kW
Power factor: Cosφ=0.9
Calculated current: Ic=25.96A



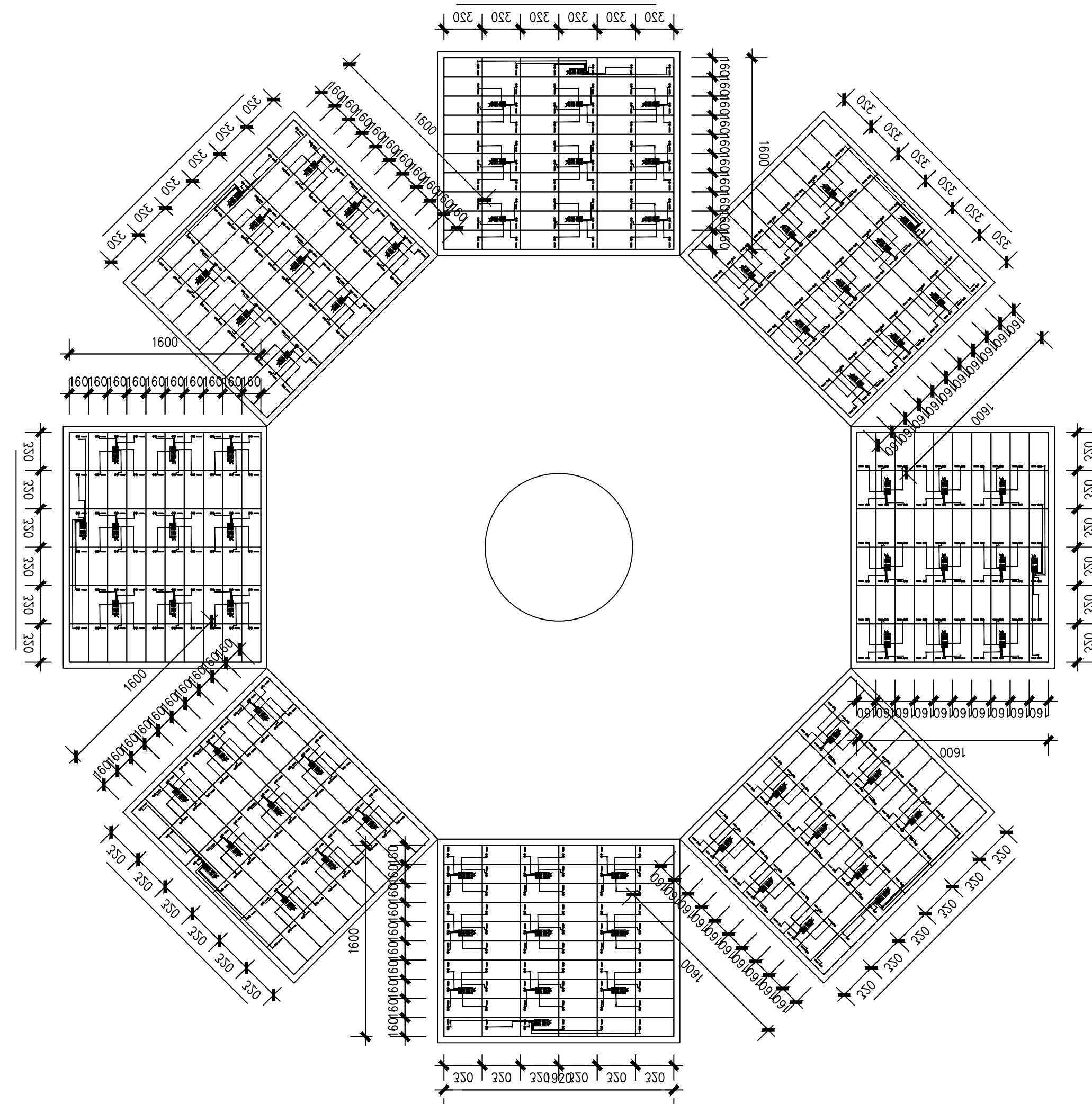
1. The size of the distribution box shall be determined by the manufacturer before it is processed

Distribution Diagram



Description:

- 1, three-phase five-wire input, input line AC380V, output AC220V.
2. Step delay output to reduce the impact of startup on the power grid.
- 3.The zero wire and the ground wire are connected to the copper bar respectively to ensure the three-phase balanced power supply.
4. Ensure that each terminal load power ≤ 3.5 kw, to ensure security.
- 5,2 kinds of control mode: Manual Control, multi-function card remote control.



Display screen deployment layout
diagram

