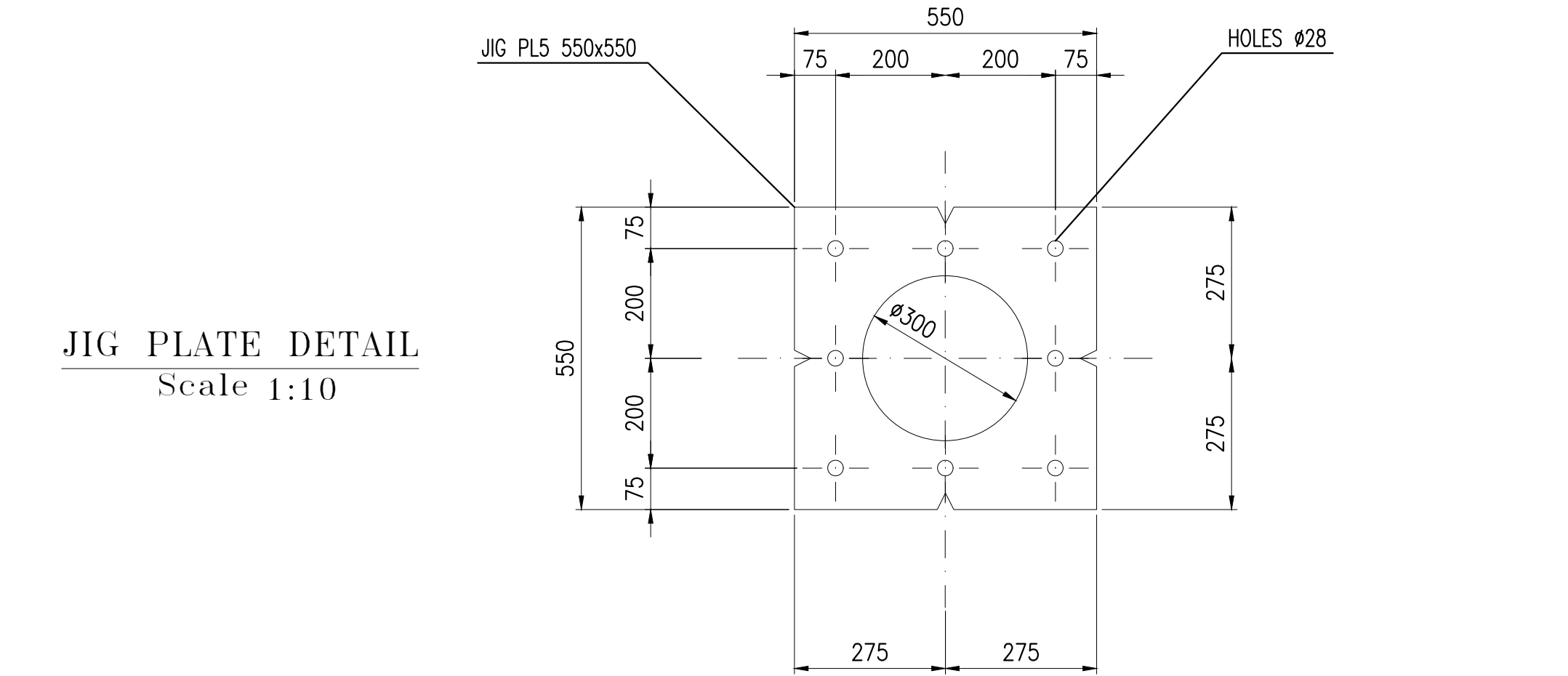
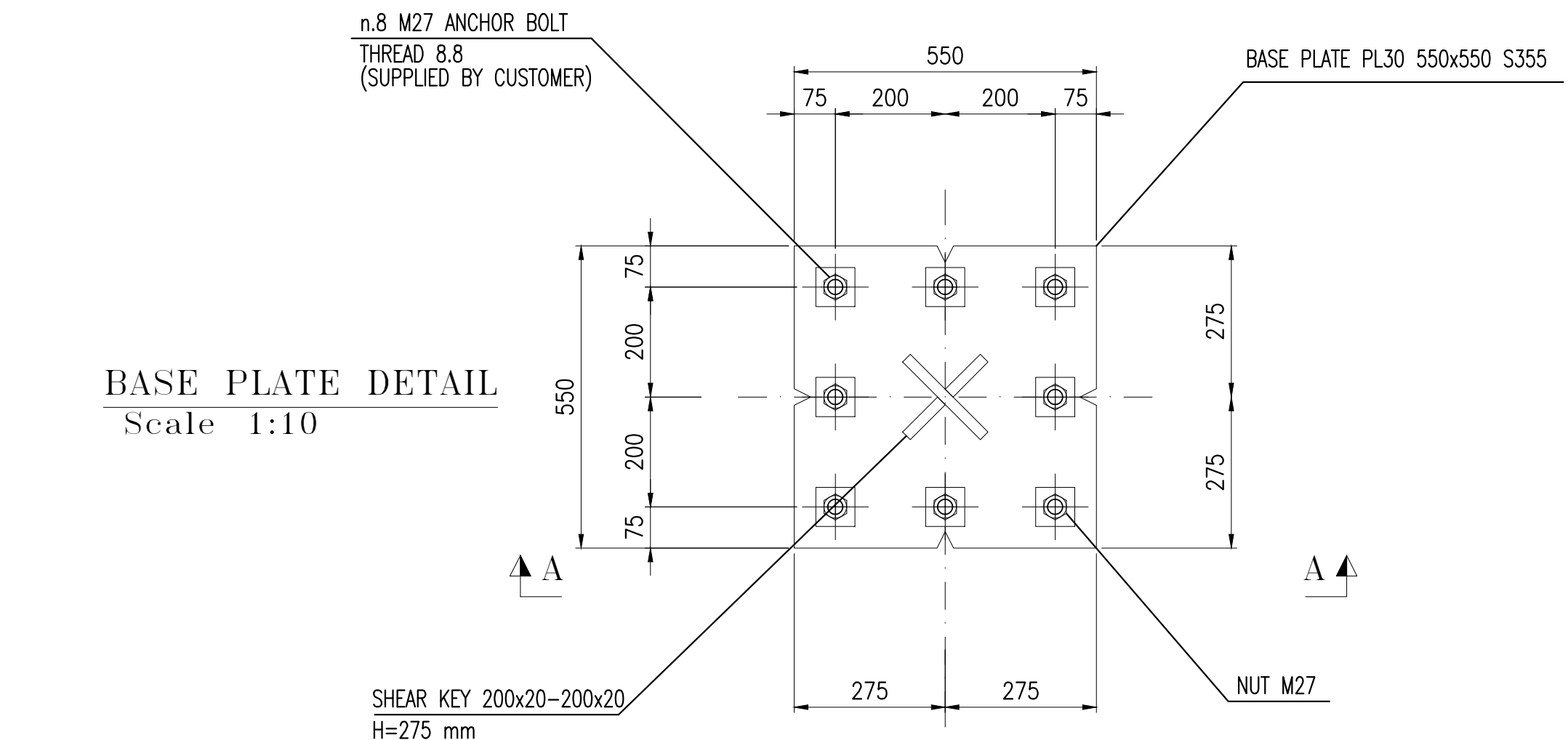
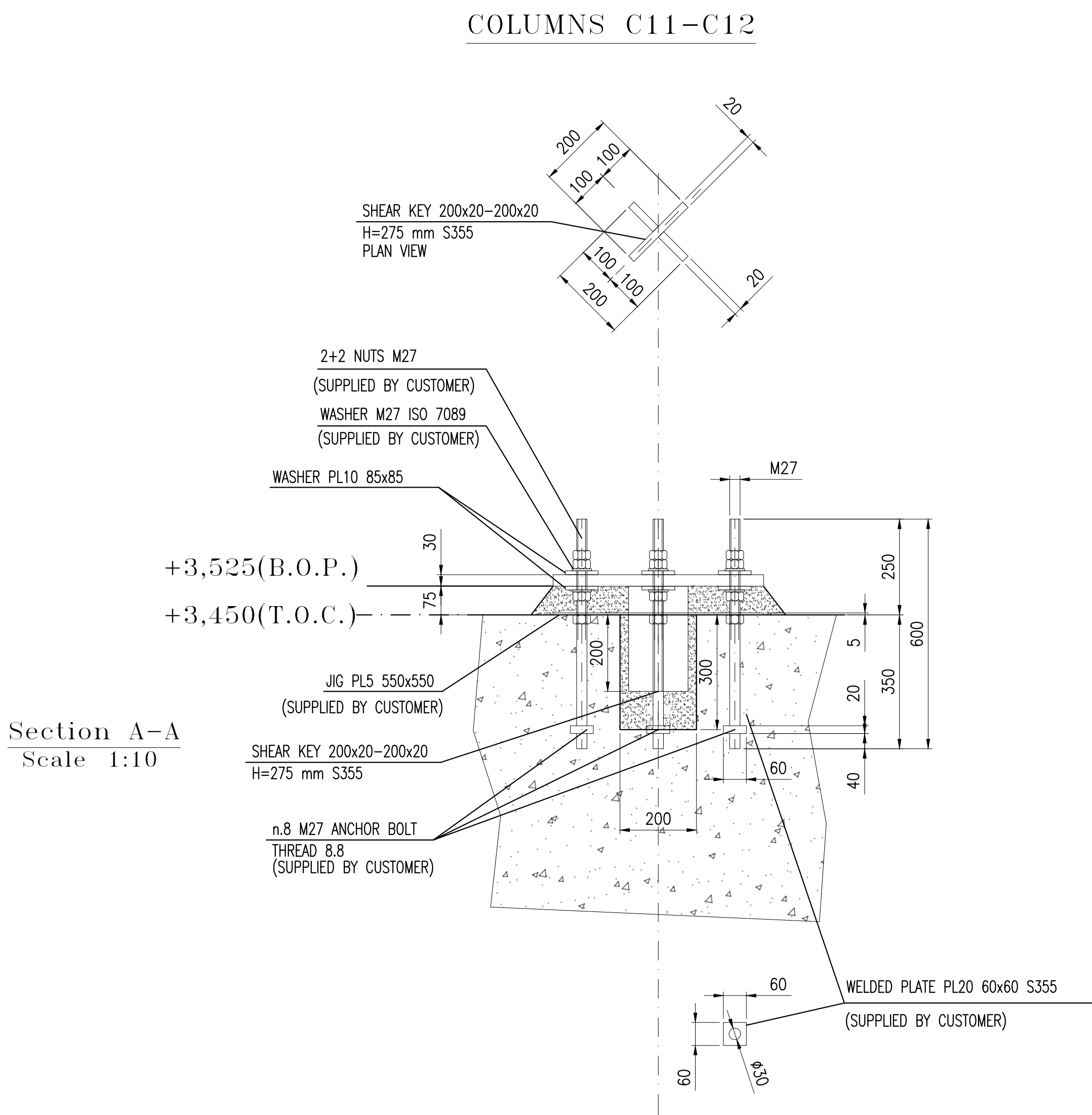


BASE REACTIONS AT EACH TOWER COLUMN (UNFACTORED)											
	C11					C12					
	N (F3) KN	Vx (F1) KN	Vy (F2) KN	Mx (M1) KN-m	My (M2) KN-m	N (F3) KN	Vx (F1) KN	Vy (F2) KN	Mx (M1) KN-m	My (M2) KN-m	
SW	103	9	0	0	0	113	-9	0	0	0	
SDL_DL	102	9	0	0	0	115	-8	0	0	0	
SDL_LL	72	7	0	0	0	82	-6	0	0	0	
SDL_PL	45	4	0	0	0	49	-4	0	0	0	
LL_CatH	89	7	0	0	0	97	-7	0	0	0	
Ice	180	16	0	0	0	196	-16	0	0	0	
S	71	6	0	0	0	77	-6	0	0	0	
T+	44	116	0	-1	9	42	-114	0	-1	-9	
T-	-27	-71	0	0	-5	-25	70	0	0	5	
Wx+	-227	-50	9	-24	-3	222	-49	9	-24	-3	
Wx-	227	50	-9	24	3	-222	49	-9	24	3	
Wy+	-609	-124	-6	15	-7	606	-123	-6	15	-7	
Wy-	612	124	6	-15	7	-609	124	6	-15	7	
Wx+_ice	-168	-38	8	-21	-2	164	-37	8	-21	-2	
Wx-_ice	168	38	-8	21	2	-164	37	-8	21	2	
Wy+_ice	-465	-98	-5	13	-6	462	-98	-5	13	-6	
Wy-_ice	467	98	5	-13	6	-464	98	5	-13	6	
Ex	178	36	0	1	2	205	38	0	1	2	
Ey	299	56	0	0	3	286	55	0	0	3	
Ez	51	5	0	0	0	52	5	0	0	0	

ULS BASE REACTIONS AT EACH TOWER COLUMN											
	C11					C12					
	N (F3) KN	Vx (F1) KN	Vy (F2) KN	Mx (M1) KN-m	My (M2) KN-m	N (F3) KN	Vx (F1) KN	Vy (F2) KN	Mx (M1) KN-m	My (M2) KN-m	
MAX	1486	351	16	41	23	1532	232	16	41	15	
MIN	-742	-232	-16	-41	-15	-719	-344	-16	-41	-23	

GLOBAL BASE REACTIONS TW6D (UNFACTORED)					
	N (F3) KN	Vx (F1) KN	Vy (F2) KN	Mx (M1) KN-m	My (M2) KN-m
	N (F3) KN	Vx (F1) KN	Vy (F2) KN	Mx (M1) KN-m	My (M2) KN-m
SW	216	0	0	0	0
SDL_DL	218	0	0	0	0
SDL_LL	154	0	0	0	0
SDL_PL	94	0	0	0	0
LL_CatH	185	0	0	0	0
Ice	376	0	0	0	0
S	148	0	0	0	0
T+	85	0	0	0	0
T-	-52	0	0	0	0
Wx+	0	-99	19	-47	-6
Wx-	0	99	-19	47	6
Wy+	0	-247	-12	29	-15
Wy-	0	248	12	-29	15
Wx+_ice	0	-75	17	-41	-4
Wx-_ice	0	75	-17	41	4
Wy+_ice	0	-195	-11	26	-11
Wy-_ice	0	196	11	-26	11
Ex	382	73	0	0	0
Ey	585	110	0	0	0
Ez	103	9	0	0	0

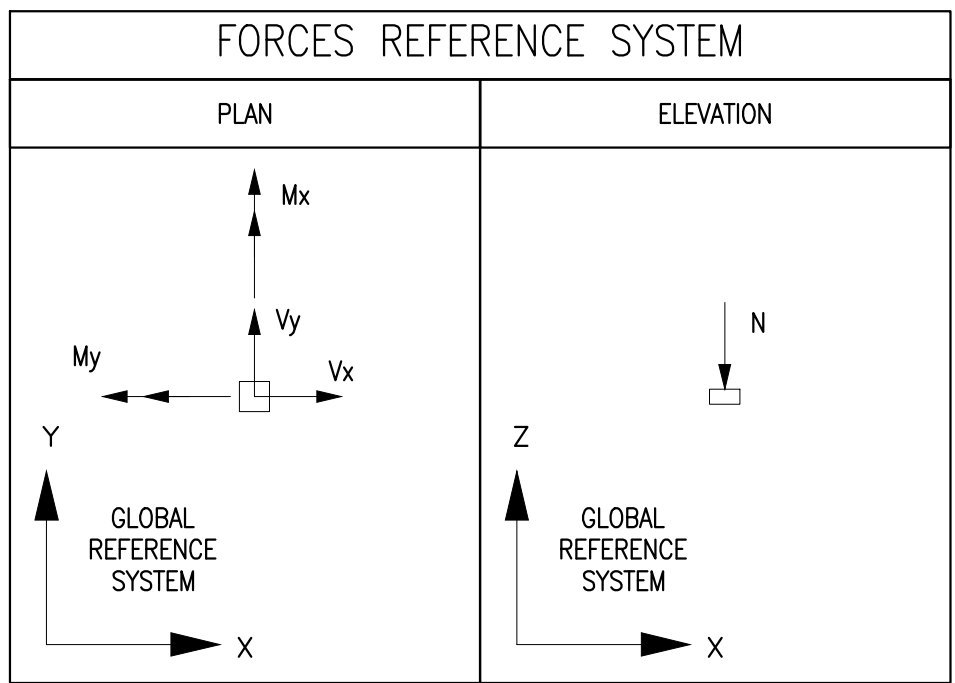
LOAD CASES DESCRIPTION	
SW	Self-weight of the steel structures
SDL_DL	Self-weight of gratings and equipment
SDL_LL	Equipment working load
SDL_PL	Equipment load in plug conditions
LL_CatH	Service live load
Ice	Ice weight in iced towers condition
S	Show Load
T+	Thermal action (positive temperature change)
T-	Thermal action (negative temperature change)
Wx+	Wind action global direction X (positive)
Wx-	Wind action global direction X (negative)
Wy+	Wind action global direction Y (positive)
Wy-	Wind action global direction Y (negative)
Wx+_ice	Wind action global direction X (positive) in frozen condition
Wx-_ice	Wind action global direction X (negative) in frozen condition
Wy+_ice	Wind action global direction Y (positive) in frozen condition
Wy-_ice	Wind action global direction Y (negative) in frozen condition
Ex	Earthquake action global direction X
Ey	Earthquake action global direction Y
Ez	Earthquake action global direction Z



ISSUED FOR INFORMATION  
AND NECESSARY ACTION

- NOTE:
- ALL THE COLUMNS MUST BE LEVEL AND REST FIRMLY ON THE CONCRETE.
  - THE CONCRETE MINIMUM CYLINDRICAL STRENGTH IS fck=25MPa

THE DATA PRESENTED IN THIS DRAWING INDICATES THE BASE REACTIONS DERIVED FROM THE ANALYSIS MODEL OF THE SUPERSTRUCTURES. THIS IMPLIES THAT, FOR INSTANCE, A GROUND COMPRESSION FORCE IS ASSIGNED A POSITIVE SIGN IN THE ATTACHED TABLES.



ENVIRONMENTAL LOADS		
SERVICE	kN/m <sup>2</sup>	2,00
GROUND SNOW	kN/m <sup>2</sup>	2,00
GUSTED WIND SPEED	km/h	160
EARTHQUAKE PGA	g	0,2

CLIENT/CUSTOMER	CONVEY	IMPARTO/SUBJECT	CONSTANTIA, ROMANIA	INO No.	-	PROGETTO/PROGETT	E24/1108
DISEGNO/DESIGN	AC-SACECA	TRACIA/TRAFFIC	214	DESCRIZIONE/DESCRIPTION	LOADS ON FOUNDATION	DATA/DATE	20/06/2025
DATA/DATE	20/06/2025	DATA/DATE	20/06/2025	TW6D 3.0	H=6.05m	DATA/DATE	20/06/2025
AGI EMEA				DESIGNO No. / DESIGNO No.	E241108ST011	REV.	1
HEAD OFFICE: Via Benedito 2, Bresso dell'Industria, 40064 - Bologna, Italy - Phone: +39 051 780107 FIRE: Via Benedito 2, Fieschi d'Arco, 30012 - Venezia, Italy - Phone: +39 041 781017 PDR PLANT: Via Mario Tognoli 10, Cava 20067 - Padova, Italy - Phone: +39 049 800017				THE DRAWING IS EXCLUSIVE PROPERTY OF AGI EMEA S.p.A. AND ALL RIGHTS ARE RESERVED. NO PART OF THIS DRAWING MAY BE USED OR REPRODUCED IN ANY MANNER WHATSOEVER WITHOUT WRITTEN PERMISSION FROM AGI EMEA S.p.A.			
1:25				1			