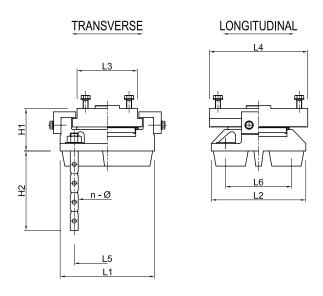
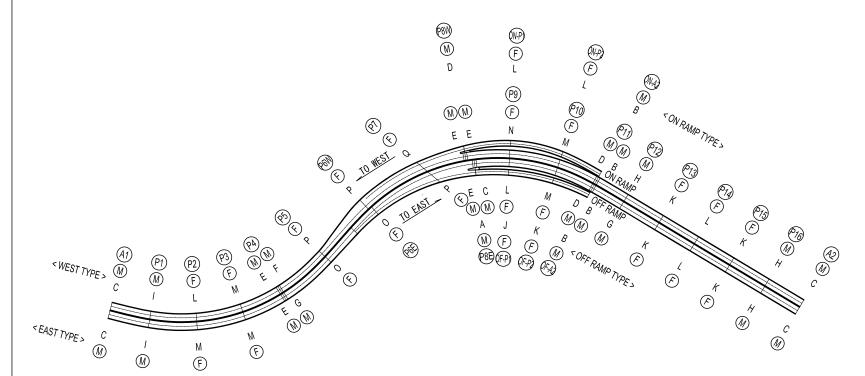
ARRANGEMENT OF BEARING



SHOE TOTAL WEIGHT										
TYPE	CONDITION	DESIGN	NUMBER	UNIT WEIGHT	WEIGHT					
		REACTION		(kg/unit)	(kg)					
Α	MOV	1500	2	474	948					
В	MOV	1750	8	402	3,216					
С	MOV	2000	10	474	4,740					
D	MOV	2250	6	570	3,420					
Е	MOV	2500	12	673	8,076					
F	MOV	3500	2	1,064	2,128					
G	MOV	4000	4	1,323	5,292					
Н	MOV	4500	6	1,474	8,844					
I	MOV	5000	4	1,744	6,976					
J	FIX	3500	2	1,461	2,922					
K	FIX	4000	10	1,756	17,560					
L	FIX	4500	12	2,095	25,140					
М	FIX	5000	10	2,430	24,300					
N	FIX	5500	2	1,854	3,708					
0	FIX	7500	5	3,071	15,355					
Р	FIX	8000	8	3,220	25,760					
Q	FIX	8500	3	3,973	11,919					
SUM			106		170,304					

LOCATION



DESIGN CONDITION

						4 5 4 1445									
			Λ1	P1	P2	N1-P4 WE	ST P4			A1	P1	P2	1-P4 EA P3	ST P4	1
			A1 MOV	MOV	FIX	FIX	MOV			MOV	MOV	FIX	FIX	MOV	
OTAL REACTON	FORCE	R(kN)	1918	4691	4385	4731	2277			1943	4813	4575	4940		
EAD LOAD		Rd(kN)	1019	3116	2833	3149	1272			1036	3209	2981	3321		
	L1	mm	530	810	770	810	590			530	810	810	810	590	
	L2	mm	530	810	770	810	590			530	810	810	810		
	L3	mm	340	590	550	590	400			340	590	590	590	400	
IMENSION	L4	mm	510	740	650	690	550			510	740	690	690		
	L5	mm	360	550	530	550	410			360	550	550	550	410	
	L6	mm	360	550	530	550	410			360	550	550	550		
	H1	mm	235	350	340	350	260			235	350	350	350		
	- 1	n(set)	4	4	4	4	4			4	4	4	4		
ANC BOLT		φ(mm)	38	60	80	85	42			38	60	85	85		
		H2(mm)	405	610	845	885	445			405	610	885	885	445	
FOTAL WEIGHT		W(kg)	434	1496	1378	1592	587			434	1496	1592	1592		
TYPE			С	I	L	M	E			С	I	M	M	E	
NUMBER			2		2	2	2			2	2	2	2		
			D.4		P4-P8 WE					54	55		4-P8 EA		
			P4	P5	P6	P7	P8			P4	P5	P6	P7	P8	
TOTAL DEACTON	FORCE	D/LNI)	MOV	FIX	FIX	FIX	MOV	—		MOV	FIX	FIX	FIX	MOV	
TOTAL REACTON	FURGE	R(kN)	3316	7899	7571	8035	2403			3593	7450	7247	7712	2473	
DEAD LOAD	 	Rd(kN)	2098	5590	5498	5495	1310			2333	5499	5233	5330		
	L1	mm	680	1030	1030	1110	590		\vdash	720	1010	1010	1030		
	L2	mm	680	1030	1030	1110	590			720	1010	1010	1030		
DIMENSION	L3	mm	470	770	770	840	400			510	760	760	770		
MINITORNIA	L4	mm	640	870	870	930	550			690	860	860	870		
	L5	mm	470	700	700	750	410			490	680	680	700		
	L6	mm	470	700	700	750	410			490	680	680	700	410	
	H1	mm n(aat)	305	435	435	460	260			320	425	425 4	435	260	
ANC BOLT	}	n(set)	50	110	110	120	42			55	110		110		
ANC BOLT	}	φ(mm)		110	110						110	110	110		
TOTAL WEIGHT	+	H2(mm)	530	1145	1145	1230	445			575	1145	1145	1145		
TOTAL WEIGHT		W(kg)	916	3220	3220	3973	587			1099	3071	3071	3220		
TYPE NUMBER			F 2	P	P	Q	E			G	0	0	P	E	
NUMBER			2	2	3	<u>3</u> 8–P11 WE				2	2	3	3 D=D11 E/		
			P8	P9	P10	8-P11 WE	اد	·		P8	P9	P10	P11 EA	۱۵۱ ا	
			MOV	FIX	FIX	MOV				MOV		FIX	P11 MOV		
TOTAL REACTON	FORCE	R(kN)	2370	5003	4786	2137				1785	FIX 4411	4686	2038		
DEAD LOAD	FURUE	Rd(kN)	1344	3385	3197	1168				891	2908	3132	1093		
DEAD LOAD	L1	mm	590	850	810	560				740	1040	810	560		
	L2	mm	590	850	810	560				530	770	810	560		
	L3	mm	400	620	590	370				530	770	590	370		
DIMENSION	L4	mm	550	720	690	530				340	550	690	530		
DIMENSION	L5	mm	410	580	550	380				510	650	550	380		
	L6	mm	410	580	550	380				360	530	550	380		
	H1	mm	260	370	350	245				360	530	350	245		
		n(set)	4	4	4	4				235	340	4	4		
ANC BOLT	- 1	φ(mm)	42	90	85	42				4	4	85	42		
	ı	H2(mm)	445	930	885	445				38	80	885	445		
TOTAL WEIGHT	-	W(kg)	587	1854	1592	508				405	845	1592	508		
TYPE		77(1)5/	E	N	M	D				С	1	M	D		
NUMBER	$\overline{}$		2	2	2	2				2	2	2	2		
IJOMBER						11 - A2 WE	ST						1-A2 EA		
			P11	P12	P13	P14	P15	P16	A2	P11	P12	P13	P14	P15	P16 A2
				MOV	FIX	FIX	FIX	MOV		MOV	MOV	FIX	FIX	FIX	
TOTAL REACTON			MOV						י אטואון						MOV IMOV
	FORCE	R(kN)	MOV 1649	4033	3987	4048	3926		MOV 1853	1627	3988	3999	4044		MOV MOV 4321 185
DEAD LOAD	FORCE		1649	4033				4320	1853	1627	3988			3925	4321 18
DEAD LOAD	FORCE L1	Rd(kN)	1649 820	4033 2546	2473	2511	2411	4320 2772	1853 985	1627 800	3988 2503	2485	2508	3925 2411	4321 185 2773 98
DEAD LOAD		Rd(kN) mm	1649	4033				4320 2772 770	1853	1627	3988			3925 2411	4321 18
DEAD LOAD	L1	Rd(kN)	1649 820 500	4033 2546 770	2473 720	2511 770	2411 720	4320 2772 770 770	1853 985 530	1627 800 500	3988 2503 720	2485 720	2508 770	3925 2411 720 720	4321 185 2773 98 770 55
DEAD LOAD DIMENSION	L1 L2	Rd(kN) mm mm	1649 820 500 500	4033 2546 770 770	2473 720 720	2511 770 770	2411 720 720	4320 2772 770 770 550	1853 985 530 530	1627 800 500 500	3988 2503 720 720	2485 720 720	2508 770 770	3925 2411 720 720 510	4321 185 2773 98 770 53 770 53
	L1 L2 L3	Rd(kN) mm mm mm	1649 820 500 500 320	4033 2546 770 770 550	2473 720 720 510	2511 770 770 550	2411 720 720 510	4320 2772 770 770 550 720	1853 985 530 530 340	1627 800 500 500 320	3988 2503 720 720 510	2485 720 720 510	2508 770 770 550	3925 2411 720 720 510 620	4321 189 2773 99 770 53 770 53 550 34
	L1 L2 L3 L4	Rd(kN) mm mm mm mm	1649 820 500 500 320 490	4033 2546 770 770 550 720	2473 720 720 510 620	2511 770 770 550 650	2411 720 720 510 620	4320 2772 770 770 550 720 530	1853 985 530 530 340 510	1627 800 500 500 320 490	3988 2503 720 720 510 690	2485 720 720 510 620	2508 770 770 550 650	3925 2411 720 720 510 620 490	4321 188 2773 98 770 55 770 55 550 34 720 5
	L1 L2 L3 L4 L5	Rd(kN) mm mm mm mm mm	1649 820 500 500 320 490 350 350 225	4033 2546 770 770 550 720 530 530 340	2473 720 720 510 620 490	2511 770 770 550 650 530	2411 720 720 510 620 490	4320 2772 770 770 550 720 530 530	1853 985 530 530 340 510 360	1627 800 500 500 320 490 350	3988 2503 720 720 510 690 490	2485 720 720 510 620 490	2508 770 770 550 650 530	3925 2411 720 720 510 620 490 490	4321 183 2773 98 770 55 770 55 550 34 720 5
DIMENSION	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm	1649 820 500 500 320 490 350 350 225	4033 2546 770 770 550 720 530 530	2473 720 720 510 620 490 490	2511 770 770 550 650 530 530 340 4	2411 720 720 510 620 490 490 320	4320 2772 770 770 550 720 530 530 340 4	1853 985 530 530 340 510 360 360	1627 800 500 500 320 490 350 350	3988 2503 720 720 510 690 490	2485 720 720 510 620 490 490	2508 770 770 550 650 530 530 340 4	3925 2411 720 720 510 620 490 490 320	4321 183 2773 98 770 55 770 55 550 34 720 5 530 36 530 34 340 25
	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm mm mm mm	1649 820 500 500 320 490 350 350 225	4033 2546 770 770 550 720 530 530 340	2473 720 720 510 620 490 490 320	2511 770 770 550 650 530 530 340	2411 720 720 510 620 490 490 320	4320 2772 770 770 550 720 530 530 340 4	1853 985 530 530 340 510 360 360 235	1627 800 500 500 320 490 350 350 225	3988 2503 720 720 510 690 490 490 320	2485 720 720 510 620 490 490 320	2508 770 770 550 650 530 530 340	3925 2411 720 720 510 620 490 490 320 4	4321 183 2773 98 770 55 550 36 720 55 530 36 530 36 340 23
DIMENSION	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm mm mm mm	1649 820 500 500 320 490 350 350 225 4 36	4033 2546 770 770 550 720 530 530 340 4 60 615	2473 720 720 510 620 490 490 320 4 75	2511 770 770 550 650 530 530 340 4 80 845	2411 720 720 510 620 490 490 320 4 75	4320 2772 770 770 550 720 530 530 340 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405	1627 800 500 500 320 490 350 350 225 4 36	3988 2503 720 720 510 690 490 320 4 55	2485 720 720 510 620 490 490 320 4 75	2508 770 770 550 650 530 340 4 80 845	3925 2411 720 720 510 620 490 490 320 4 75	4321 183 2773 99 770 53 770 55 550 34 720 5 530 34 530 340 23 4 60 3
DIMENSION ANC BOLT TOTAL WEIGHT	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm mm mm mm	1649 820 500 320 490 350 225 4 36 360	4033 2546 770 770 550 720 530 530 340 4 60 615	2473 720 720 510 620 490 490 320 4 75 755	2511 770 770 550 650 530 530 340 4	2411 720 720 510 620 490 320 4 75 755	4320 2772 770 770 550 720 530 340 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434	1627 800 500 320 490 350 350 225 4 36 360 367	3988 2503 720 720 510 690 490 320 4 55 575	2485 720 720 510 620 490 320 4 75 755	2508 770 770 550 650 530 530 340 4	3925 2411 720 720 510 620 490 320 4 75 755	4321 188 2773 99 770 55 770 55 550 39 720 5 530 30 340 23 4 60 5 615 44 1324 43
DIMENSION ANC BOLT TOTAL WEIGHT TYPE	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm mm mm mm	1649 820 500 500 320 490 350 350 225 4 36 360 367 B	4033 2546 770 770 550 720 530 530 340 60 615	2473 720 720 510 620 490 490 4 75 755 1139	2511 770 770 550 650 530 340 4 80 845 1378	2411 720 720 510 620 490 490 490 4 75 755 1139	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 225 4 360 360 367 B	3988 2503 720 720 510 690 490 320 4 55 575 1099 G	2485 720 720 510 620 490 490 320 4 75 755 1139	2508 770 770 550 650 530 340 4 80 845 1378	3925 2411 720 720 510 620 490 490 320 4 75 755 1139	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm mm mm mm	1649 820 500 320 490 350 225 4 36 360	4033 2546 770 770 550 720 530 530 340 4 60 615	2473 720 720 510 620 490 320 4 75 755 1139 K	2511 770 770 550 650 530 340 4 80 845 1378	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 320 490 350 350 225 4 36 360 367	3988 2503 720 720 510 690 490 320 4 55 575	2485 720 720 510 620 490 320 4 75 755 1139 K	2508 770 770 550 650 530 340 4 80 845 1378	3925 2411 720 720 510 620 490 490 320 4 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 39 720 5 530 30 340 23 4 60 5 615 44 1324 43
DIMENSION ANC BOLT TOTAL WEIGHT TYPE	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm mm mm mm	1649 820 500 500 320 490 350 225 4 366 360 367 B	4033 2546 770 770 550 720 530 340 4 60 615 1324 H	2473 720 720 510 620 490 320 4 75 755 1139 K 2 ON F	2511 770 770 550 650 530 530 340 4 80 845 1378 L	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 225 4 36 360 367 B	3988 2503 720 720 510 6900 490 320 4 55 575 1099 G	2485 720 720 510 620 490 320 4 75 755 1139 K	2508 770 770 550 650 530 340 4 80 845 1378 L	3925 2411 720 720 510 6100 490 320 49 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE	L1 L2 L3 L4 L5 L6	Rd(kN) mm mm mm mm mm mm mm mm mm	1649 820 500 320 490 350 350 225 4 36 360 367 B	4033 2546 770 770 550 720 530 530 340 615 1324 H	2473 720 720 510 620 490 320 4 75 755 1139 K 2 ON F	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 225 4 360 367 B	3988 2503 720 720 510 690 490 320 4 55 575 1099 G	2485 720 720 510 620 490 490 490 75 755 1139 K 2 OFF I	2508 770 770 550 650 530 530 4 80 845 1378 L 2 2 RAMP TO	3925 2411 720 720 510 6100 490 320 49 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER	L1 L2 L3 L4 L5 L6 H1	R(kN) mm mm mm mm mm mm mm mm thin (set) from (mm) H2(mm) W(kg)	1649 820 5000 320 490 3500 225 4 360 360 367 B 2	4033 2546 770 770 550 720 530 340 4 60 615 1324 H	2473 720 720 720 510 620 490 320 497 55 755 1139 K 2 ON F ON-P2 FIX	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TOO ON–A2 MOV	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 320 490 350 225 4 36 360 360 367 B	3988 2503 720 510 690 490 320 4 55 575 1099 G 2	2485 720 720 720 510 6200 490 320 4 755 755 1139 K 2 OFF -P2 FIX	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TC OFF-A2	3925 2411 720 720 510 6100 490 320 49 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON	L1 L2 L3 L4 L5 L6 H1	Rd(kN) mm mm mm mm mm mm mm mm mm kgt) d(mm) H2(mm) W(kg)	1649 820 5000 320 490 350 350 225 4 366 367 B 2	4033 2546 770 770 550 720 530 340 4 60 615 1324 H 2 ON-P1 FIX 4478	2473 720 720 720 510 620 490 490 490 320 4 75 755 1139 K 2 ON F ON-P2 FIX 4236	2511 770 770 550 650 530 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 320 490 350 350 225 4 360 367 B 2	3988 2503 720 510 690 490 320 4 55 575 1099 G 2 OFF-P1 FIX 3227	2485 720 720 720 510 620 490 490 490 3200 4 75 755 1139 K 2 OFF F FIX S 522	2508 770 770 550 6500 530 340 4 80 845 1378 L 2 RAMP TC OFF-A2 MOV 1554	3925 2411 720 720 510 6100 490 320 49 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON	L1 L2 L3 L4 L5 L6 H1	Rd(kN)	1649 820 500 320 490 350 350 367 8 2 2 8 8 9 8 MOV 2211 1336	4033 2546 770 770 550 720 530 530 60 615 1324 H 2 ON-P1 FIX 4478 3212	2473 720 720 720 510 620 490 490 320 4 75 755 1139 K 2 ON F ON-P2 FIX 4236 3003	2511 770 770 7550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 320 490 350 350 350 367 B 225 4 366 367 B 2	3988 2503 720 720 510 690 490 320 4 55 575 1099 G 2 OFF-P1 FIX 3227 2186	2485 720 720 720 620 490 490 320 4 75 755 1139 K 2 OFF I OFF-P2 FIX 3522 2435	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO OFF-A2 MOV 1554 859	3925 2411 720 720 510 6100 490 320 49 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON	L1 L2 L3 L4 L5 L6 H1	Rd(kN) mm MK(kg) R(kN) Rd(kN) mm	1649 820 5000 320 490 350 225 4 360 367 B 2 P8 MOV 2211 1336 560	4033 2546 7700 770 550 720 530 340 4 60 615 1324 H 2 ON-P1 FIX 4478 3421 3421 770	2473 720 720 720 510 620 490 490 320 4 75 1139 K 2 ON F ON-P2 FIX 4236 3003 770	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON–A2 MOV 1718 984 500	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 225 4 36 367 B 2 P8 MOV 1341 641 645 646	3988 2503 720 720 510 690 490 320 4 555 575 1099 G 2 OFF-P1 FIX 3227 2186 680	2485 720 720 720 510 620 490 490 490 55 1139 K 2 OFF I OFF-P2 FIX 3522 2435 720	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TC OFF-A2 MOV 1554 859 500	3925 2411 720 720 510 620 490 320 4 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON	L1 L2 L3 L4 L5 L6 H1	Rd(kN)	1649 820 5000 5000 320 490 3500 3500 367 8 367 8 2 2 1336 4 367 8 2 2 1336 8 1336 367 8 1336 8 1 8 1 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1	4033 2546 770 770 550 720 530 340 615 1324 H 2 ON-P1 FIX 4478 3212 770 770	2473 720 720 510 620 490 320 4 75 755 755 1139 K 2 ON F ON-P2 FIX 4236 3003 770	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984 984 500 500	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 325 225 463 360 367 B P8 MOV 1341 685 460 460	3988 2503 7200 720 510 690 490 320 495 575 575 1099 G 2 OFF-P1 FIX 3227 2186 680 680	2485 720 720 720 620 490 490 320 4 75 755 1139 K 2 OFF-P2 FIX 3522 2435 720 720	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TC OFF-A2 MOV 1554 859 500 500	3925 2411 720 720 510 620 490 320 4 75 755 1139 K 2 D EAST	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON DEAD LOAD	L1 L2 L3 L4 L5 L6 H1	Rd(kN) mm	1649 820 5000 320 350 350 350 225 4 360 367 B 2 P8 MOV 2211 1336 560 560 370	4033 2546 770 770 550 720 530 44 60 615 1324 H 2 ON-P1 FIX 4478 3212 770 770 550	2473 720 720 720 720 620 490 320 4 75 755 1139 K 2 ON F ON-P2 FIX 4236 3003 770 770 555	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984 500 320	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 325 4 360 360 367 B 2 P8 MOV 1341 685 460 460 280	3988 2503 7200 7200 510 6900 490 320 455 575 1099 G 2 OFF-P1 FIX 3227 2186 680 680 680 470	2485 720 720 720 510 620 490 320 47 75 755 755 1139 K 2 OFF-P2 FIX 3522 2435 720 510	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TC OFF-A2 MOV 1554 859 500 320	3925 2411 720 720 510 6920 490 320 4 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON DEAD LOAD	L1 L2 L3 L4 L5 L6 H1 FORCE L1 L2 L3 L4	Rd(kN) mm MK(kg) R(kN) Rd(kN) mm	1649 820 500 320 350 350 225 4 360 367 8 2 P8 MOV 2211 1336 560 560 560 3700 530	4033 2546 7700 7700 5500 5300 340 4 600 615 1324 H 2 ON-P1 FIX 4478 3212 770 770 770 5500 650	2473 720 720 510 620 490 320 475 755 755 1139 K 2 ON F ON-P2 FIX 4236 3003 770 770 770 5500 650	2511 770 770 550 650 530 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 17118 984 500 500 320 490	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 225 4 36 367 B 2 P8 MOV 1341 685 460 460 480 470	3988 2503 7200 7200 510 6900 490 320 44 555 575 1099 G 2 OFF-P1 FIX 3227 2186 680 680 470 550	2485 720 7200 510 620 4900 320 4755 755 1139 K 2 OFF I OFF-P2 FIX 3522 2435 720 720 5100 620	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TG OFF-A2 MOV 1554 859 500 500 3200 490	3925 2411 720 720 510 620 490 320 4 75 755 1139 K 2 2 D EAST	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON DEAD LOAD	L1 L2 L3 L4 L5 L6 H1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L5	Rd(kN) mm	1649 820 5000 5000 320 490 3500 225 367 367 8 2 2211 1336 560 560 370 380	4033 2546 770 770 7550 550 340 615 1324 H 2 0N-P1 FIX 4478 3212 770 7550 6500 530	2473 720 720 510 620 490 320 475 755 755 1139 K 2 ON F ON-P2 FIX 4236 3003 770 550 650 530	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984 500 500 320 320	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 225 4 36 360 367 B 2 P8 MOV 1341 685 460 460 280 470 320	3988 2503 720 720 510 690 490 320 55 575 1099 G 2 OFF-P1 FIX 3227 2186 680 470 470	2485 720 7200 510 620 490 320 475 755 7139 K 2 OFF I 3522 2435 720 720 510 6490	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO OFF-A2 MOV 1554 859 500 500 320 320	3925 2411 720 720 510 620 490 320 4 75 755 1139 K 2 2 D EAST	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON DEAD LOAD	FORCE L1 L2 L3 L4 L5 L6 H1 L1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L6 L7 L8 L8 L8 L8 L8 L8 L8 L8 L8	Rd(kN) mm MK(kg) R(kN) Rd(kN) mm	1649 820 820 5000 5000 320 4900 3550 450 366 367 B 2 P8 MOV 2211 1336 5600 370 5300 3800	4033 2546 770 770 770 550 720 530 44 60 615 1324 H 2 ON-P1 FIX 4478 3212 770 550 650 530 530	2473 720 720 510 620 490 320 4 75 755 1139 K 2 ON F ON-P2 FIX 4236 3003 770 550 650 530	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984 500 320 490 350 350	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 360 360 360 367 B 2 P8 MOV 1341 685 460 280 470 320	3988 2503 7200 7200 510 6900 490 490 34 55 575 1099 G 2 OFF-P1 FIX 3227 2186 680 680 470 550 470	2485 720 720 510 620 490 320 4 755 755 7139 K 2 OFF I OFF-P2 FIX 3522 2435 720 510 620 490	2508 7700 7700 5500 6500 5300 3400 4 800 8455 1378 L 2 RAMP TC OFF-A2 MOV 1554 859 5000 3200 4900 3500 3500	3925 2411 720 720 510 6200 490 490 320 4 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON DEAD LOAD	L1 L2 L3 L4 L5 L6 H1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L5	Rd(kN)	1649 820 5000 320 3500 350 350 225 4 360 367 B 2 P8 MOV 2211 1336 560 560 370 330 330 330 330 245	4033 2546 7700 7700 550 530 340 60 615 1324 H 2 ON-P1 FIX 4478 3212 770 770 750 650 530 340	2473 720 720 510 620 490 320 475 755 755 1139 K 2 ON F ON-P2 FIX 4236 3003 770 550 650 530	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984 500 500 320 320	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 430 350 350 225 4 366 367 8 2 P8 MOV 1341 685 460 460 420 320 320 215	3988 2503 720 720 510 690 490 320 55 575 1099 G 2 OFF-P1 FIX 3227 2186 680 470 470	2485 720 7200 510 620 490 320 475 755 7139 K 2 OFF I 3522 2435 720 720 510 6490	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TC OFF-A22 MOV 1554 859 500 500 3200 490 3500 3500 225	3925 2411 7200 720 620 490 490 320 4 75 755 1139 K 2 2 2 EAST	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON DEAD LOAD	FORCE L1 L2 L3 L4 L5 L6 H1 L1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L6 L7 L8 L8 L8 L8 L8 L8 L8 L8 L8	Rd(kN) mm	1649 820 500 500 350 350 350 225 367 367 8 2211 1336 560 370 380 380 380	4033 2546 770 770 550 720 530 340 615 1324 H 2 ON-P1 FIX 4478 3212 770 770 550 650 530 340 44	2473 720 720 510 620 490 320 490 755 755 755 1139 K 2 ON F ON-P2 FIX 4236 3003 770 550 6500 6500 530 530 440 440	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984 500 320 490 350 350 350	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 350 367 8 2 P8 MOV 1341 685 460 460 280 470 320 320 320	3988 2503 7200 7200 510 690 490 320 44 55 575 1099 G 2 0FF-P1 FIX 3227 2186 680 470 470 470	2485 720 7200 510 620 490 490 320 475 755 1139 K 2 OFF I 3522 2435 720 510 620 490 490 320	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO OFF-A2 MOV 1554 859 500 320 490 350 350 350	3925 2411 720 720 510 620 490 320 497 75 755 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE	FORCE L1 L2 L3 L4 L5 L6 H1 L1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L6 L7 L8 L8 L8 L8 L8 L8 L8 L8 L8	Rd(kN) mm	1649 820 820 5000 320 320 4900 3550 350 367 8 2 P8 MOV 2211 1336 5600 370 5300 3800 3800 3800 245	4033 2546 770 770 550 720 530 44 60 615 1324 H 2 ON-P1 FIX 3212 770 550 650 530 530 340 44 44	2473 720 720 510 620 490 320 4 75 755 7139 K 2 ON F ON-P2 FIX 4236 3003 770 770 550 650 530 340 80	2511 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO ON-A2 MOV 1718 984 500 320 490 350 350 225	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 367 8 2 P8 MOV 1341 685 460 280 470 320 320 320 320 320 320 320	3988 2503 7200 7200 510 6900 490 490 304 55 575 1099 G 2 0FF-P1 FIX 3227 2186 680 470 470 470 305 4	2485 720 7200 510 620 490 320 4 755 755 1139 K 2 OFF I OFF-P2 FIX 3522 2435 720 720 490 490 490 320 490 320	2508 7700 5500 6500 5300 3400 4 800 845 1378 L 2 RAMP TG OFF-A2 MOV 1554 859 500 500 320 490 350 350 225	3925 2411 720 720 510 6200 490 34 75 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE NUMBER TOTAL REACTON DEAD LOAD DIMENSION ANC BOLT	FORCE L1 L2 L3 L4 L5 L6 H1 L1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L6 L7 L8 L8 L8 L8 L8 L8 L8 L8 L8	Rd(kN)	1649 820 5000 5000 320 3500 3500 3500 3500 225 4 366 3607 B 2 P8 MOV 2211 1336 5600 5600 3800 3800 3800 245 44 42	4033 2546 7700 7700 5500 5300 5300 340 4 600 615 13244 H 2 ON-P1 FIX 4478 3212 770 770 5500 6500 5300 3400 4 800 845	2473 720 720 510 620 490 320 490 320 1139 K 20 N F 0N-P2 FIX 4236 3003 770 770 550 650 530 340 4 80 845	2511 770 770 550 650 530 340 4 80 845 1378 L 23AMPTO ON-A2 MOV 17118 984 500 500 320 490 350 325 44 366 360	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 3550 3550 225 4 366 367 B 2 P8 MOV 1341 685 460 460 470 320 320 215 4 322	3988 2503 7200 7200 510 6490 490 320 4 555 575 1099 G 2 OFF-P1 FIX 3227 2186 680 680 470 470 305 47 700 710	2485 720 7200 510 620 4900 4900 320 1139 K 2 OFF-P2 FIX 3522 2435 720 720 4900 4900 320 44 755 755 755	2508 770 770 550 650 5300 340 4 845 1378 L 2 3AMP TC OFF-A2 MOV 1554 859 500 500 3200 490 350 320 490 350 360 360 360 360 360	3925 2411 720 720 510 6200 490 34 75 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT TOTAL WEIGHT TYPE MUMBER TOTAL REACTON DEAD LOAD DIMENSION ANC BOLT TOTAL WEIGHT	FORCE L1 L2 L3 L4 L5 L6 H1 L1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L6 L7 L8 L8 L8 L8 L8 L8 L8 L8 L8	Rd(kN) mm	1649 820 500 500 320 490 350 350 367 8 225 8 MOV 2211 1336 560 560 380 380 380 380 44 445 508	4033 2546 770 770 550 720 530 44 60 615 1324 H 2 ON-P1 FIX 3212 770 550 650 530 530 340 44 44	2473 720 720 510 620 490 320 4 75 755 7139 K 2 ON F ON-P2 FIX 4236 3003 770 770 550 650 530 340 80	2511 770 770 550 650 530 340 4 80 845 1378 L 2RAMP TO ON-A2 MOV 1718 984 500 320 490 350 350 325 4 366 360 367	2411 720 720 510 620 490 320 4 75 755 1139 K	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 350 350 367 8 2 P8 MOV 1341 685 460 280 470 320 320 320 320 320 320 320	3988 2503 7200 7200 7201 510 6900 490 320 44 555 575 1099 G 2 OFF-P1 FIX 3227 2186 680 470 470 470 710 940	2485 720 7200 510 620 490 490 320 475 755 1139 K 2 OFF F FIX 3522 2435 720 510 620 490 490 320 49 75 755 1139	2508 770 770 550 650 530 340 4 80 845 1378 L 2 RAMP TO OFF-A2 MOV 1554 859 500 320 490 350 350 360 360 360 360	3925 2411 720 720 510 6200 490 34 75 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C
DIMENSION ANC BOLT FOTAL WEIGHT TYPE NUMBER FOTAL REACTON DEAD LOAD DIMENSION	FORCE L1 L2 L3 L4 L5 L6 H1 L1 L2 L3 L4 L5 L6 L1 L2 L3 L4 L5 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L1 L2 L3 L4 L5 L6 L6 L6 L6 L7 L8 L8 L8 L8 L8 L8 L8 L8 L8	Rd(kN)	1649 820 5000 5000 320 3500 3500 3500 3500 225 4 366 3607 B 2 P8 MOV 2211 1336 5600 5600 3800 3800 3800 245 44 42	4033 2546 7700 7700 5500 5300 5300 340 4 600 615 13244 H 2 ON-P1 FIX 4478 3212 770 770 5500 6500 5300 3400 4 800 845	2473 720 720 510 620 490 320 490 320 1139 K 20 N F 0N-P2 FIX 4236 3003 770 770 550 650 530 340 4 80 845	2511 770 770 550 650 530 340 4 80 845 1378 L 23AMPTO ON-A2 MOV 17118 984 500 500 320 490 350 325 44 366 360	2411 720 7200 510 620 490 320 490 320 K 22 WEST	4320 2772 770 770 550 720 530 530 40 4 60 615	1853 985 530 530 340 510 360 360 235 4 38 405 434 C	1627 800 500 500 320 490 3550 3550 225 4 366 367 B 2 P8 MOV 1341 685 460 460 470 320 320 215 4 322	3988 2503 7200 7200 510 6490 490 320 4 555 575 1099 G 2 OFF-P1 FIX 3227 2186 680 680 470 470 305 47 700 710	2485 720 7200 510 620 4900 4900 320 1139 K 2 OFF-P2 FIX 3522 2435 720 720 4900 4900 320 44 755 755 755	2508 770 770 550 650 5300 340 4 845 1378 L 2 3AMP TC OFF-A2 MOV 1554 859 500 500 3200 490 350 320 490 350 360 360 360 360 360	3925 2411 720 720 510 6200 490 34 75 7155 1139 K	4321 188 2773 99 770 55 770 55 550 3 720 530 30 530 30 340 21 4 60 5 615 44 H C

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THE PROJECT FOR CONSTRUCTION OF AJILCHIN FLY-OVER IN ULAANBAATAR CITY DESIGNED BY;

CTI Engineering International Co., Ltd.
Chodai Co., Ltd.
International Development Institute

APPROVED BY;

DRAWING TITLE;

ARRANGEMENT OF BEARING

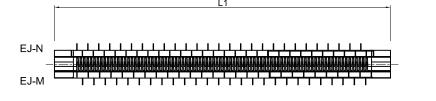
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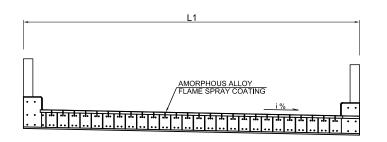
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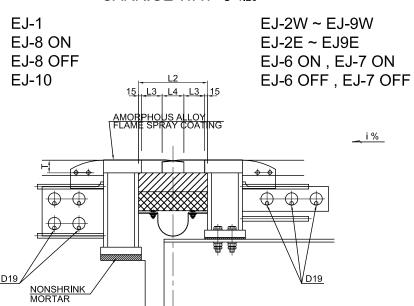
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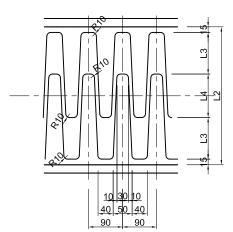
CARRIGE WAY S=1:20







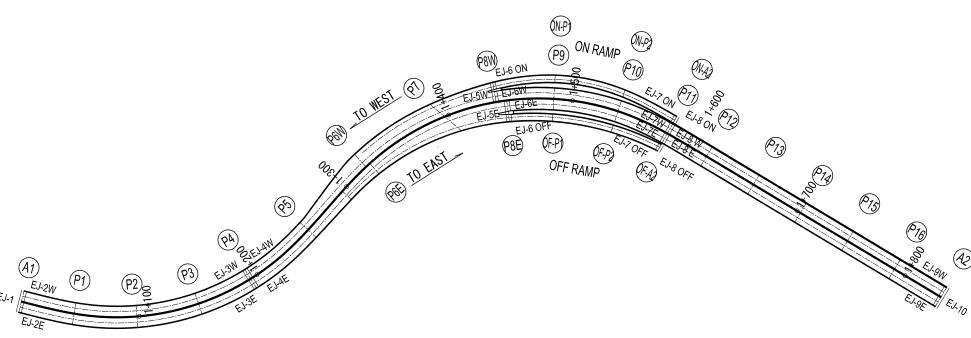
FACE PLATE S=1:10



EXPANSION JOINT

			A	d.	P	4	P	8	P	11	_ A	12				P8W	ON-A2
			EJ-1	EJ-2W	EJ-3W	EJ-4W	EJ-5W	EJ-6W	EJ-7W	EJ-8W	EJ-9W	EJ-10				EJ-6 ON	EJ-7 ON
	L1	mm	17890	8890	8890	8890	15947	8890	8890	8890	8890	17890	L	L1	mm	6409	6394
	mm	290	290	305	305	290	290	320	320	275	275	ON-RAMP	L2	mm	275	215	
	mm	85	85	90	90	85	85	95	95	80	80		L3	mm	80	60	
	L4	mm	90	90	95	95	90	90	100	100	85	85		L4	mm	85	65
	Т	mm	58	58	59	59	58	58	60	60	56	56		Т	mm	56	49
	WEIGHT	kg	7693	3823	3836	3836	6857	3823	3867	3867	3778	7603		WEIGHT	kg	2788	2609
]	EJ-2E	EJ-3E	EJ-4E	EJ-5E	EJ-6E	EJ-7E	EJ-8E	EJ-9E					P8E	OFF-A2
	L1	mm		8890	8890	8890	17173	8890	8890	8890	8890					EJ-6 OFF	EJ-7 OFF
	L2	mm		290	305	305	290	290	320	320	275			L1	mm	6409	6390
EAST	L3	mm - 85 90 90	90	85	85	95	95	80] -		L2	mm	275	215			
	L4	mm	1	90	95	95	90	90	100	100	85		OFF-RAMP	L3	mm	80	60
	Т	mm		58	59	59	58	58	60	60	56]		L4	mm	85	65
	WEIGHT	kg		3823	3836	3836	7384	3823	3867	3867	3778			Т	mm	56	49
														WEIGHT	ka	2788	2607

PLAN S=1:3000



PROJECT TITLE;

THE PROJECT FOR CONSTRUCTION OF AJILCHIN FLY-OVER IN ULAANBAATAR CITY DESIGNED BY;

CTI Engineering International Co., Ltd. Chodai Co., Ltd. International Development Institute

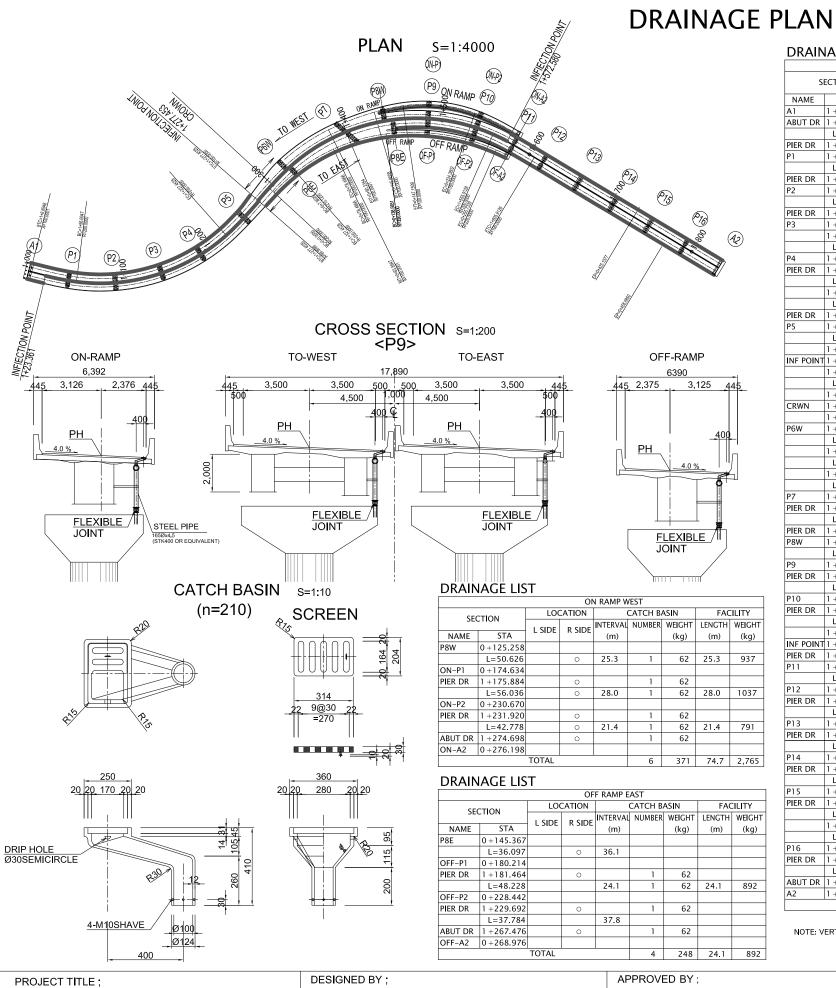
APPROVED BY;

DRAWING TITLE;

EXPANSION JOINT

SCALE DRAWING No. 058 S=1:3000

ACCESSARY



DRAINAGE LIST

	IAGE LIS	<u>' </u>		WECT					
		LOCA	ATION	WEST C.	ATCH BAS	FACILITY			
	ECTION		R SIDE	INTERVAL	NUMBER		LENGTH		
NAME	STA	LJIDL	IN SIDE	(m)		(kg)	(m)	(kg)	
\1	1 +5.000								
BUT DR	1+6.500	0			1	62			
	L=40.250	0		13.4	2	124	26.8	993	
IER DR	1 +46.750	0			1	62			
1	1 +48.000								
	L=50.000	0		25.0	1	62	25.0	925	
IER DR	1 + 96.750	0			1	62			
2	1 + 98.000								
	L=50.000	0		25.0	1	62	25.0	925	
IER DR	1+146.750	0			1	62			
3	1+148.000								
	1+162.750	0		16.0	1	62	16.0	592	
	L=19.000	0		9.5	1	62	9.5	352	
4	1+194.000	_							
IER DR	1+195.250	0			1	62			
ILK DK	L=27.500			9.2	2	124	27.5	1018	
		0		9.2			27.5	1018	
	1 +222.750	0		F ^	1	62	25.0	635	
	L=30.000	0		5.0	5	310	25.0	925	
IER DR	1 +252.750	0			1	62			
5	1 +254.000								
	L=19.703	0		4.9	3	186	19.7	729	
	1 +272.453	0	0		2	124	10.0	370	
NF POINT	1 +277.453	0	0		2	124	10.0	370	
	1+282.453	0	0		2	124			
	L=15.047		0	5.0	2	124	15.0	557	
	1+297.500		0		1	62			
RWN	1+300.000		- Ŭ		'	02			
.IVVIN			_						
CVL	1+302.500		0						
6W	1+322.000				_	210	20.0		
	L=30.0		0	5.0	5	310	30.0	1110	
	1+332.500		0		1	62			
	L=39.5		0	7.9	4	248	39.5	1462	
	1 + 372.000		0		1	62			
	L=25.750		0	8.6	2	124	25.8	953	
7	1+396.500								
IER DR	1+397.750		0		1	62			
	L=40.000		0	13.3	2	124	26.7	987	
IER DR	1+437.750		0		1	62			
8W	1+439.000								
011	L=47.250		0	15.8	2	124	31.5	1166	
9	1 +485.000			13.0		121	31.3	1100	
IER DR					1	62			
IEK DK	1 +486.250		0	12.0			20.0	1442	
	L=52.000		0	13.0	3	186	39.0	1443	
10	1 +537.000								
IER DR	1 + 538.250		0		1	62			
	L=29.330		0	7.3	3	186	22.0	814	
	1 +567.580	0	0		2	124	10.0	370	
NF POINT	1+572.580	0	0		2	124	12.3	457	
IER DR	1+578.750	0	0		2	124			
11	1 +580.000								
	L=37.250	0		5.3	6	371	31.9	1181	
	L=37.250	0		5.3	6	371	31.9	1181	
12	1+616.000			5.3			31.9	1181	
12	1 +616.000 1 +617.250	0			1	62			
12 ER DR	1+616.000 1+617.250 L=43.500			5.3			31.9	1181	
1 2 IER DR	1+616.000 1+617.250 L=43.500 1+659.500	0			1 7	62 433			
12 IER DR 13	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750	0		5.4	1 7	62 433 62	38.1	1408	
12 IER DR 13 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500	0			1 7	62 433			
12 IER DR 13 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750	0		5.4	1 7	62 433 62	38.1	1408	
12 ER DR 13 ER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500	0		5.4	1 7	62 433 62	38.1	1408	
12 ER DR 13 ER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+703.000	0 0		5.4	1 7 1 7	62 433 62 433	38.1	1408	
12 IER DR 13 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+703.000 1+704.250	0 0		5.4	1 7 1 7	62 433 62 433	38.1	1408	
12 IER DR 13 IER DR 14 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+703.000 1+704.250 L=43.500 1+746.500	0 0 0		5.4	1 7 1 7 1 7	62 433 62 433 62 433	38.1	1408	
12 IER DR 13 IER DR 14 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+704.250 L=43.500 1+746.500 1+746.500	0 0 0		5.4	1 7 1 7 7 1 1 1 1	62 433 62 433 62 433	38.1	1408	
12 IER DR 13 IER DR 14 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+703.000 1+704.250 L=43.500 1+746.500 1+747.750 L=10.000	0 0 0 0 0 0 0 0 0		5.4	1 7 1 7 1 7	62 433 62 433 62 433	38.1	1408	
12 IER DR 13 IER DR 14 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+703.000 1+704.250 L=43.500 1+746.500 1+747.750 L=10.000 1+757.750	0 0 0 0 0 0 0 0 0 0 0 0		5.4 5.4 5.4	1 7 7 1 7 1 1 1 1 1	62 433 62 433 62 433 62 62 62	38.1 38.1 5.0	1408	
12 IER DR 13 IER DR 14 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+659.500 1+703.000 1+704.250 L=43.500 1+746.500 1+746.500 L=10.000 1+757.750 L=33.500	0 0 0 0 0 0 0 0 0		5.4	1 7 1 7 7 1 1 1 1	62 433 62 433 62 433	38.1	1408	
12 IER DR 13 IER DR 14 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+659.500 1+703.000 1+704.250 L=43.500 1+746.500 1+747.750 L=10.000 1+757.750 L=33.500 1+790.000	0 0 0 0 0 0 0 0 0 0 0		5.4 5.4 5.4	1 7 7 1 7 7 1 1 1 1 3 3	62 433 62 433 62 433 62 62 186	38.1 38.1 5.0	1408	
12 IER DR 13 IER DR 14 IER DR 15 IER DR 16 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+704.250 L=43.500 1+746.500 1+747.750 L=10.000 1+757.750 L=33.500 1+790.000 1+791.250	0 0 0 0 0 0 0 0 0 0 0 0		5.4 5.4 5.0 8.4	1 7 1 7 7 1 1 1 3 3 1 1	62 433 62 433 62 433 62 62 62	38.1 38.1 5.0 33.5	1408 1408 1408 185	
12 IER DR 13 IER DR 14 IER DR 15 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+704.250 L=43.500 1+746.500 1+747.750 L=10.000 1+757.750 L=33.500 1+791.250 L=40.250	0 0 0 0 0 0 0 0 0 0 0		5.4 5.4 5.4	1 7 7 1 7 7 1 1 1 3 3 1 2 2	62 433 62 433 62 433 62 62 186	38.1 38.1 5.0	1408	
12 IER DR 13 IER DR 14 IER DR 15 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+650.750 L=43.500 1+704.250 L=43.500 1+746.500 1+747.750 L=10.000 1+757.750 L=33.500 1+790.000 1+790.000 1+791.250 L=40.250 1+831.500	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5.4 5.4 5.0 8.4	1 7 1 7 7 1 1 1 3 3 1 1	62 433 62 433 62 433 62 62 62	38.1 38.1 5.0 33.5	1408 1408 1408 185	
12 IER DR 13 IER DR 14 IER DR	1+616.000 1+617.250 L=43.500 1+659.500 1+660.750 L=43.500 1+704.250 L=43.500 1+746.500 1+747.750 L=10.000 1+757.750 L=33.500 1+791.250 L=40.250	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		5.4 5.4 5.0 8.4	1 7 7 1 7 7 1 1 1 3 3 1 2 2	62 433 62 433 62 433 62 62 186	38.1 38.1 5.0 33.5	1408 1408 1408 185	

NOTE: VERTICAL AND HORIZONTAL DRAINAGE PIPE SHALL BE STEEL PIPE (STK400).

DRAINAGE LIST

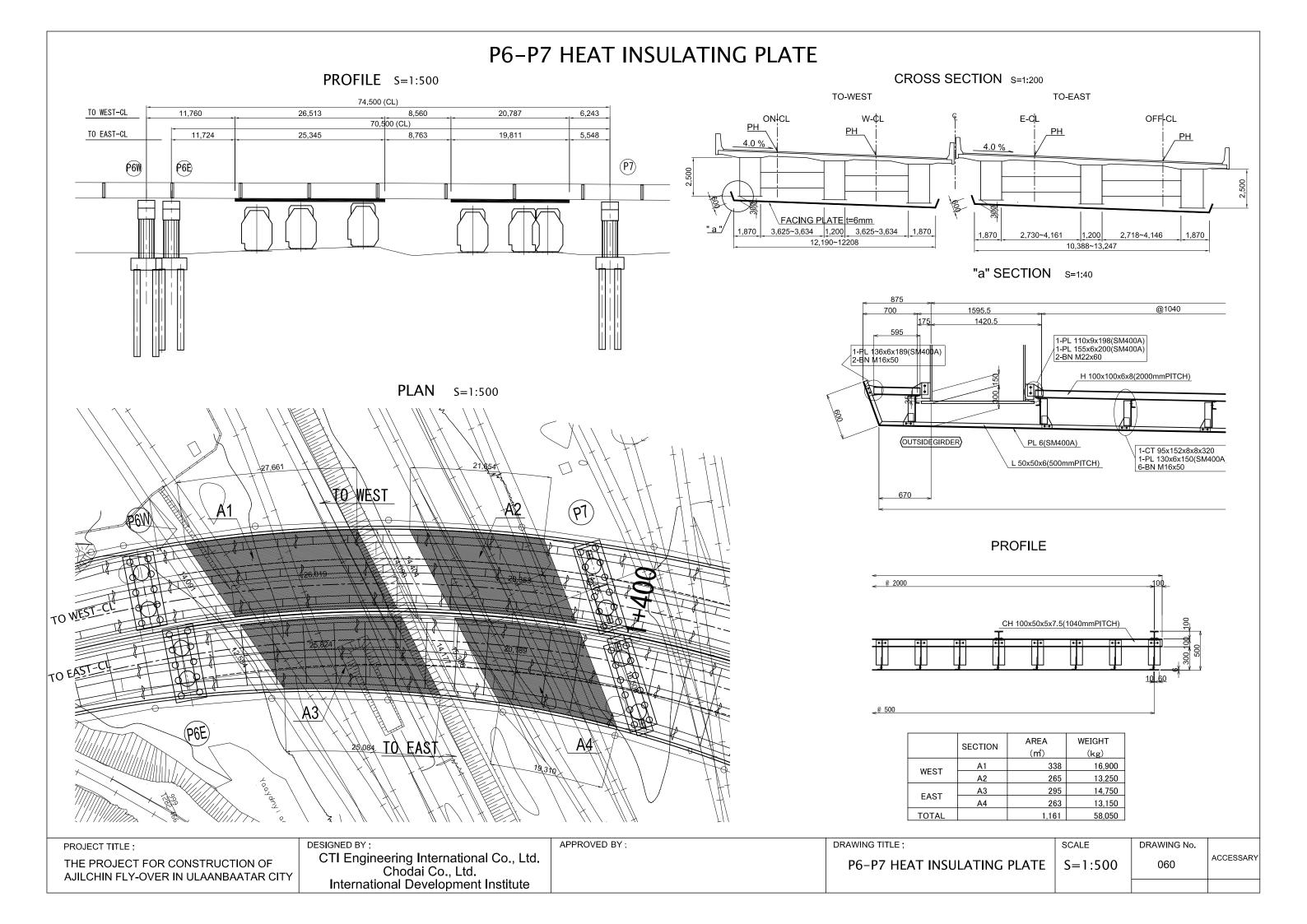
STA 1+5.000 1+6.500 L=11.861 1+18.361 1+23.361 1+28.361 L=18.389 1+46.750 1+48.000 L=50.000	O O	R SIDE	INTERVAL (m) 11.9	NUMBER 1	WEIGHT (kg)	LENGTH (m)	WEIGH ⁻ (kg)
1 +5.000 1 +6.500 L=11.861 1 +18.361 1 +23.361 1 +28.361 L=18.389 1 +46.750 1 +48.000 L=50.000	0 0	0 0		1		(m)	(kg)
1 +6.500 L=11.861 1 +18.361 1 +23.361 1 +28.361 L=18.389 1 +46.750 1 +48.000 L=50.000	0	0	11.9	1	62		
L=11.861 1+18.361 1+23.361 1+28.361 L=18.389 1+46.750 1+48.000 L=50.000	0	0	11.9	1	60		
1 +18.361 1 +23.361 1 +28.361 L=18.389 1 +46.750 1 +48.000 L=50.000	0	0	11.9				
1 +23.361 1 +28.361 L=18.389 1 +46.750 1 +48.000 L=50.000	0	0		0	0	11.9	439
1 +28.361 L=18.389 1 +46.750 1 +48.000 L=50.000	0			2	124	10.0	370
L=18.389 1 +46.750 1 +48.000 L=50.000				2	124	10.0	370
1 +46.750 1 +48.000 L=50.000	0			2	124		
1 +48.000 L=50.000			6.1	2	124	12.3	454
L=50.000	0			1	62		
	_		25.0	,		25.0	025
	0		25.0	1	62	25.0	925
1 +96.750	0			1	62		
1 +98.000			25.0	1	63	25.0	025
			25.0			25.0	925
	0			- '	62		
			22.6	,		22.6	074
	0		23.6	<u>'</u>	62	23.6	874
	_			,			
			0 1			22.2	1102
			8.1			32.2	1192
			63			100	700
			6.3			19.0	702
	0			I	62		
			4.0	-	100	10.7	
			4.9				729
							370
						10.0	370
		0					
	0		5.0			15.0	557
		0		1	62		
		0					
		0	31.8	2	124	63.5	2350
1 +397.750		0		1	62		
L=48.500		0	24.3	1	62	24.3	897
		0		1	62		
1 +447.500							
L=38.750		0	12.9	2	124	25.8	956
1 +485.000							
1 +486.250		0		1	62		
L=52.000		0	13.0	3	186	39.0	1443
1 + 537.000							
1 + 538.250		0		1	62		
L=16.000		0	16.0				
1 +554.250		0		1	62		
L=25.750		0	5.2	4	248	25.8	953
1 +578.750		0		1	62		
1 +580.000							
L=37.250		0	5.3	6	371	31.9	1181
1 +616.000							
1 +617.250		0		1	62		
L=43.500		0	5.4	7	433	38.1	1408
1 +659.500							
1 +660.750		0		1	62		
L=43.500		0	5.4	7	433	38.1	1408
1 +703.000							
1 +704.250		0		1	62		
L=43.500		0	5.4	7	433	38.1	1408
1 +746.500							
1 +747.750		0		1	62		
L=43.500		0	5.4	7	433	38.1	1408
		_		<u> </u>			
		0		1	62		
			13.4			26.8	993
			1 7.7			20.0	223
		- 		- 1	02		
	TOTAL	<u> </u>		0.0	F 0.40	C12.C	22,68
	1+446.250 1+447.500 L=38.750 1+485.000 1+537.000 1+538.250 L=16.000 1+554.250 1+578.750 1+580.000 L=37.250 1+616.000 1+617.250 L=43.500 1+703.000 1+703.000 1+747.750 L=43.500 1+747.750 L=43.500 1+747.750 L=43.500 1+791.250 L=43.500 1+791.250	1+146.750	1+146.750	1+146.750	1+146.750	1 + 146.750	1+146.750

THE PROJECT FOR CONSTRUCTION OF AJILCHIN FLY-OVER IN ULAANBAATAR CITY CTI Engineering International Co., Ltd. Chodai Co., Ltd. International Development Institute

DRAWING TITLE;

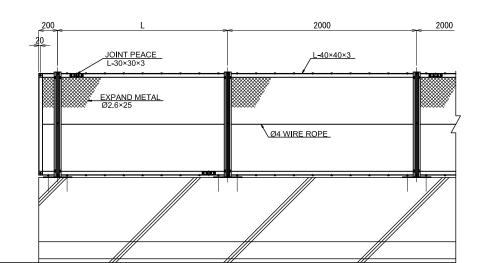
DRAINAGE PLAN

SCALE DRAWING No. ACCESSARY S = 1:4000059

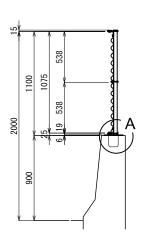


GUARD FENCE

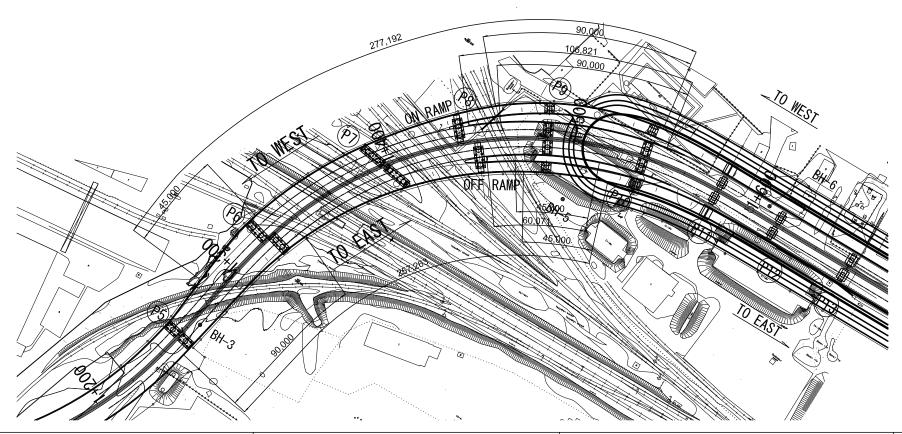
FRONT VIEW S=1:20



CROSS SECTION S=1:20



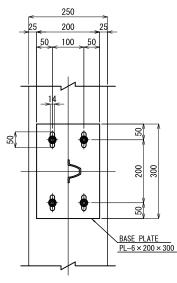
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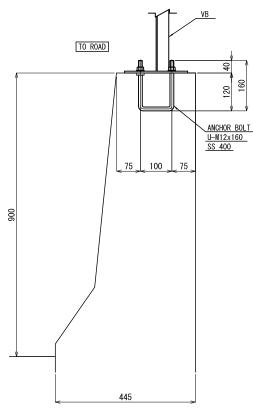


WEIGHT LIST

	SECTION	LENGTH	WEIGHT
	SECTION	m	kg
ON-RAMP	L	136	1,061
WEST	L	166	1,295
EAST	R	206	1,607
OFF-RAMP	R	81	632
TOTAL		589	2,902

"A "SECTION S=1:6





PROJECT TITLE;

THE PROJECT FOR CONSTRUCTION OF AJILCHIN FLY-OVER IN ULAANBAATAR CITY

DESIGNED BY;

CTI Engineering International Co., Ltd.
Chodai Co., Ltd.
International Development Institute

APPROVED BY;

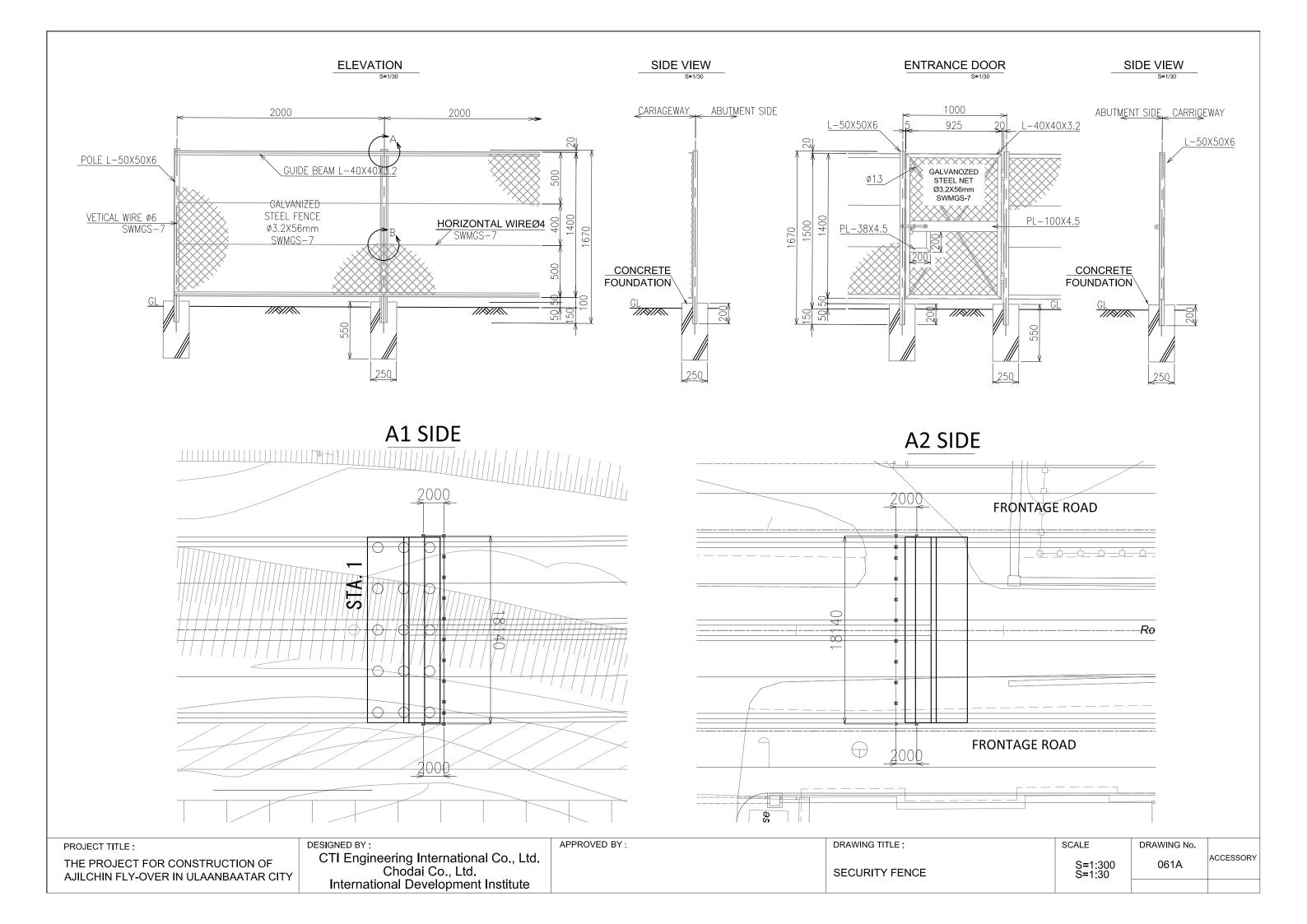
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GUARD FENCE

S=1:3000

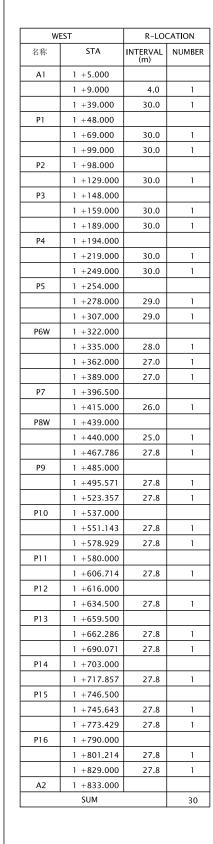
DRAWING No.

3000 061 ACCESSARY



ARRANGEMENT OF STREET LIGHTING

LOCATION S=1:3000



PROJECT TITLE;

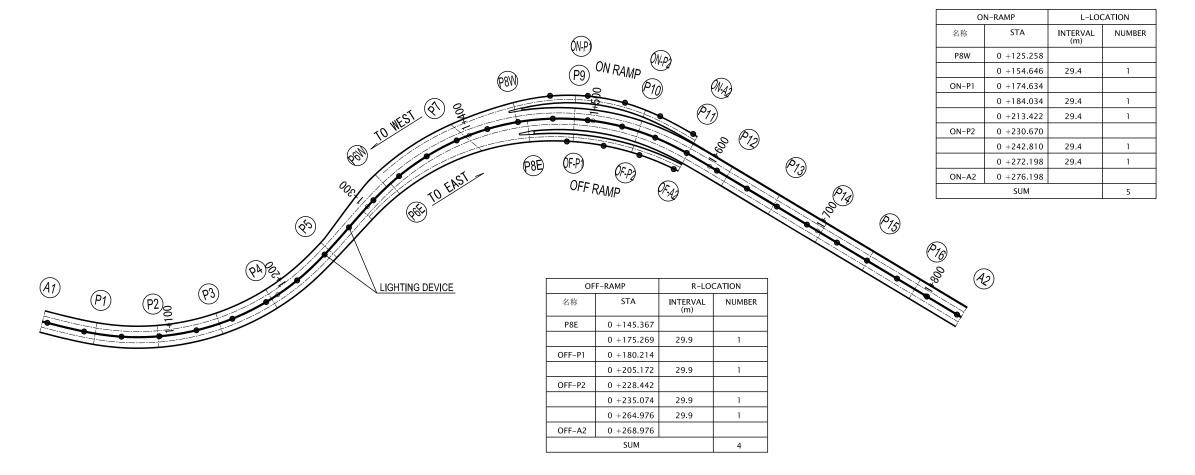
THE PROJECT FOR CONSTRUCTION OF

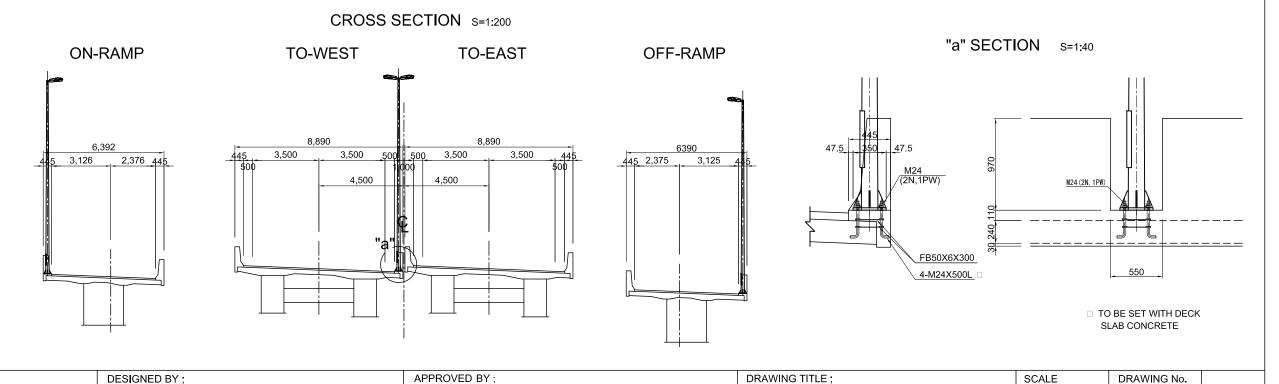
AJILCHIN FLY-OVER IN ULAANBAATAR CITY

CTI Engineering International Co., Ltd.

Chodai Co., Ltd.

International Development Institute





ARRANGEMENT OF STREET LIGHTING

S = 1:3000

ACCESSARY

062

