

INSTRUCTION OF ELEPARK LIBRARY DATA

ShinMaywa Industries, Ltd.



BRIEF ANALYSIS OF THE MACHINE FAILURE DATA OF *ELEPARK model E*

627 Units of ELEPARK under maintenance contract as of September 2023, and...

- a. **The oldest unit** was installed **in 2006**.
- b. **311** units that have **never failed**.
- c. **346** units were installed **between 2006 and 2010**.
- d. **The average number of failures in the unit's lifetime** after turned on the main power is **0.95 time. (less than 1 time)**
- e. Operation ratio is **99.99472%**
*indicating that the unit has been operating continuously without interruption.

Below is **units used frequently**, sorted from 627 Units.

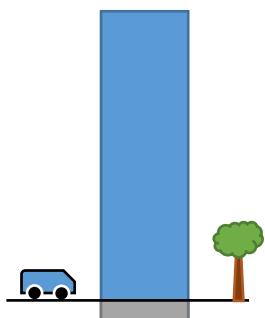
- d. **The average number of failures in the unit's lifetime** after turned on the main power is **1.222 time**.
- e. Operation ratio is **99.99015%**
*indicating that the unit has been operating continuously without interruption.



ELEPARK REF.DWG LIBRARY LIST

REF.DWG LIBRARY LIST

<STAND ALONE TYPE>_1



#	CATEGORY	ENTRY TYPE	RECOMMENDED USE	ROTATION	PALLET VARIATION
1	STAND ALONE	BOTTOM ENTRY	BASIC USE	90°	STANDARD
2	STAND ALONE	BOTTOM ENTRY	BASIC USE	180°	STANDARD
3	STAND ALONE	BOTTOM ENTRY	SUPER CAR	90°	FLAT PALLET
4	STAND ALONE	BOTTOM ENTRY	SUPER CAR	180°	FLAT PALLET
5	STAND ALONE	BOTTOM ENTRY	HEAVIER SUV SUPER CAR	90°	SUPERIOR FLAT PALLET
6	STAND ALONE	BOTTOM ENTRY	HEAVIER SUV SUPER CAR	180°	SUPERIOR FLAT PALLET
7	STAND ALONE	BOTTOM ENTRY	WIDER & HEAVIER SUV SUPER CAR	90°	WIDER & HEAVIER SUPERIOR FLAT PALLET
8	STAND ALONE	BOTTOM ENTRY	WIDER & HEAVIER SUV SUPER CAR	180°	WIDER & HEAVIER SUPERIOR FLAT PALLET

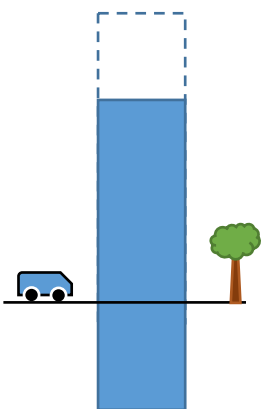
COMING SOON

COMING SOON

REF.DWG LIBRARY LIST

<STAND ALONE TYPE>_2

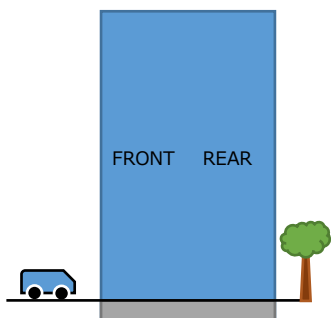
#	CATEGORY	ENTRY TYPE	RECOMMENDED USE	ROTATION	PALLET VARIATION
9	STAND ALONE	MIDDLE ENTRY	BASIC USE	90°	STANDARD
10	STAND ALONE	MIDDLE ENTRY	BASIC USE	180°	STANDARD
11	STAND ALONE	MIDDLE ENTRY	SUPER CAR	90°	FLAT PALLET
12	STAND ALONE	MIDDLE ENTRY	SUPER CAR	180°	FLAT PALLET
13	STAND ALONE	MIDDLE ENTRY	HEAVIER SUV SUPER CAR	90°	SUPERIOR FLAT PALLET
14	STAND ALONE	MIDDLE ENTRY	HEAVIER SUV SUPER CAR	180°	SUPERIOR FLAT PALLET



REF.DWG LIBRARY LIST

<STAND ALONE TYPE>_3

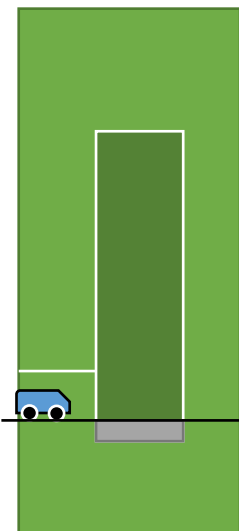
#	CATEGORY	ENTRY TYPE	RECOMMENDED USE	ROTATION	PALLET VARIATION
15	STAND ALONE	TANDEM BOTTOM ENTRY	BASIC USE	90°	STANDARD
16	STAND ALONE	TANDEM BOTTOM ENTRY	BASIC USE	180°	STANDARD
17	STAND ALONE	TANDEM BOTTOM ENTRY	SUPER CAR	90°	FLAT PALLET
18	STAND ALONE	TANDEM BOTTOM ENTRY	SUPER CAR	180°	FLAT PALLET
19	STAND ALONE	TANDEM BOTTOM ENTRY	HEAVIER SUV SUPER CAR	90°	SUPERIOR FLAT PALLET
20	STAND ALONE	TANDEM BOTTOM ENTRY	HEAVIER SUV SUPER CAR	180°	SUPERIOR FLAT PALLET



REF.DWG LIBRARY LIST

<BUILD-IN TYPE>_1

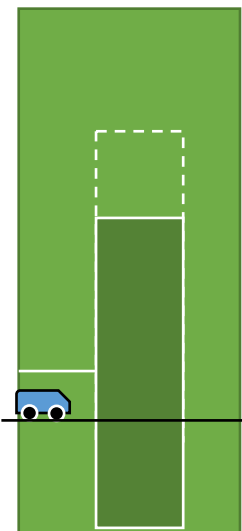
#	CATEGORY	ENTRY TYPE	RECOMMENDED USE	ROTATION	PALLET VARIATION
21	BUILD-IN	BOTTOM ENTRY	BASIC USE	90°	STANDARD
22	BUILD-IN	BOTTOM ENTRY	BASIC USE	180°	STANDARD
23	BUILD-IN	BOTTOM ENTRY	SUPER CAR	90°	FLAT PALLET
24	BUILD-IN	BOTTOM ENTRY	SUPER CAR	180°	FLAT PALLET
25	BUILD-IN [HIGH-RISE]	BOTTOM ENTRY	BASIC USE	90°	STANDARD
26	BUILD-IN [HIGH-RISE]	BOTTOM ENTRY	BASIC USE	180°	STANDARD
27	BUILD-IN	BOTTOM ENTRY	HEAVIER SUV SUPER CAR	90°	SUPERIOR FLAT PALLET
28	BUILD-IN	BOTTOM ENTRY	HEAVIER SUV SUPER CAR	180°	SUPERIOR FLAT PALLET
29	BUILD-IN	BOTTOM ENTRY	WIDER & HEAVIER SUV SUPER CAR, EV	90°	WIDER & HEAVIER SUPERIOR FLAT PALLET
30	BUILD-IN	BOTTOM ENTRY	WIDER & HEAVIER SUV SUPER CAR, EV	180°	WIDER & HEAVIER SUPERIOR FLAT PALLET



REF.DWG LIBRARY LIST

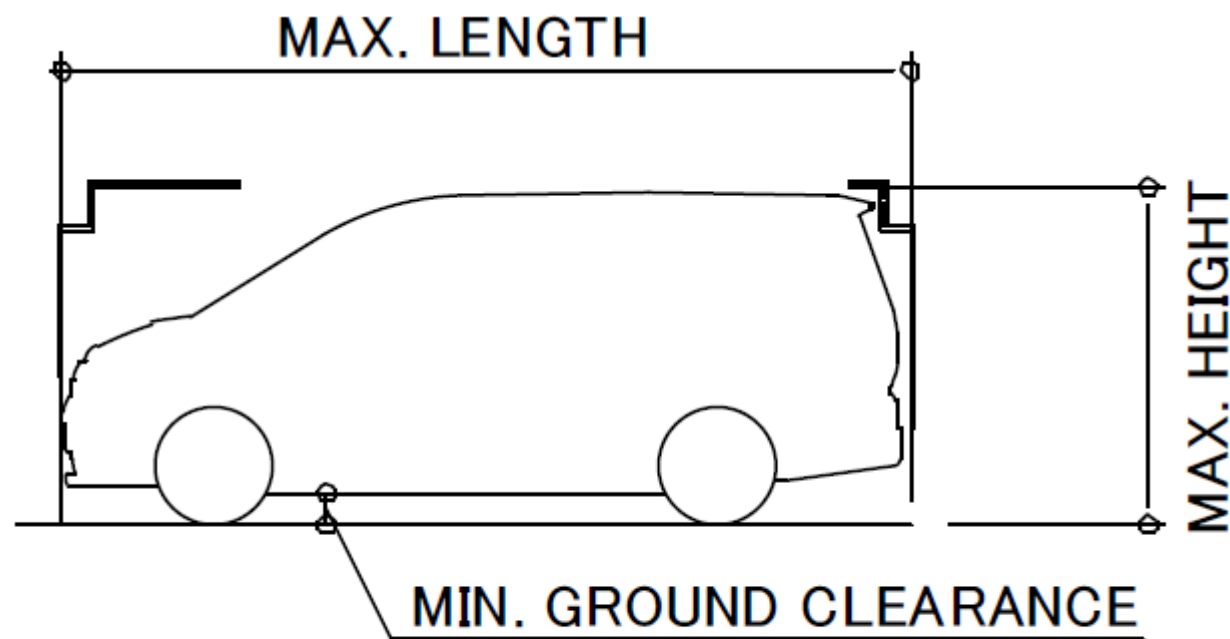
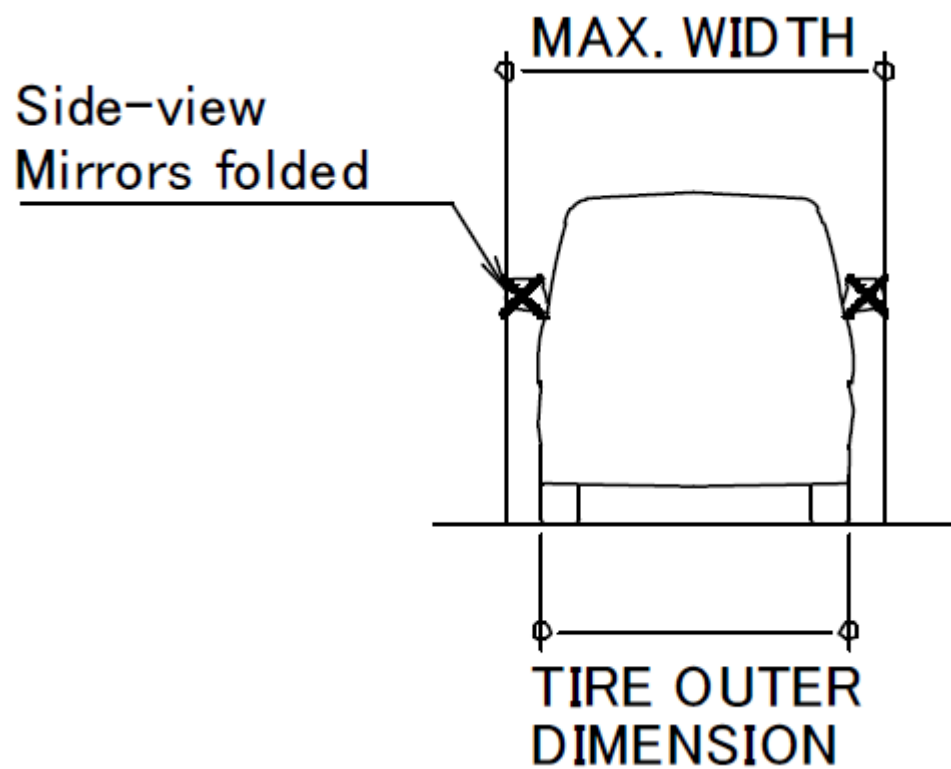
<BUILD-IN TYPE>_2

#	CATEGORY	ENTRY TYPE	RECOMMENDED USE	ROTATION	PALLET VARIATION
31	BUILD-IN	MIDDLE ENTRY	BASIC USE	90°	STANDARD
32	BUILD-IN	MIDDLE ENTRY	BASIC USE	180°	STANDARD
33	BUILD-IN	MIDDLE ENTRY	SUPER CAR	90°	FLAT PALLET
34	BUILD-IN	MIDDLE ENTRY	SUPER CAR	180°	FLAT PALLET
35	BUILD-IN	MIDDLE ENTRY	HEAVIER SUV SUPER CAR	90°	SUPERIOR FLAT PALLET
36	BUILD-IN	MIDDLE ENTRY	HEAVIER SUV SUPER CAR	180°	SUPERIOR FLAT PALLET

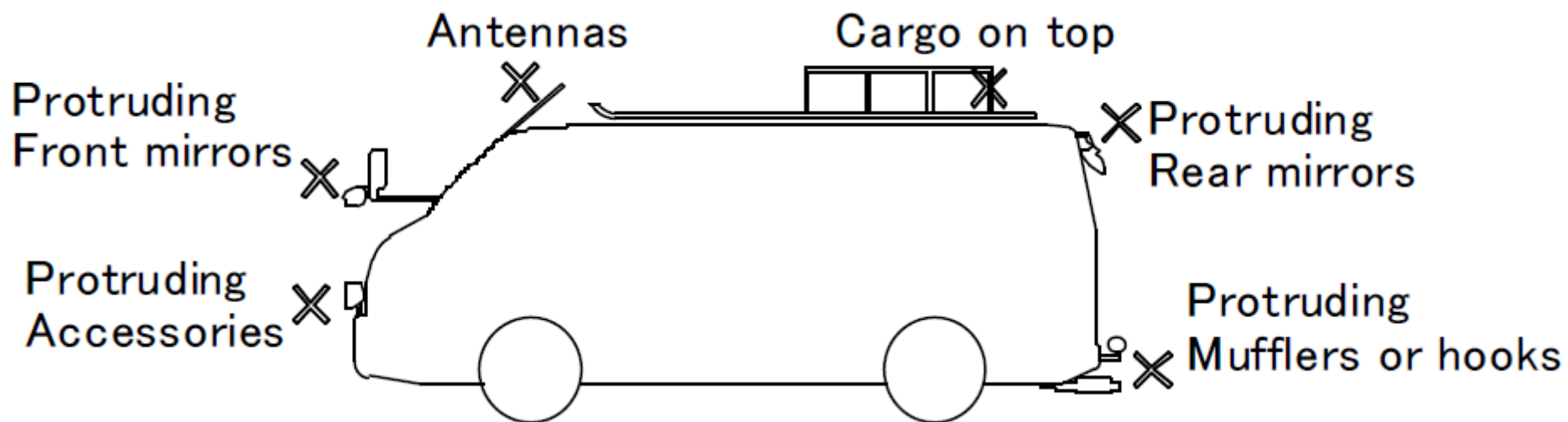


TERM

TERM



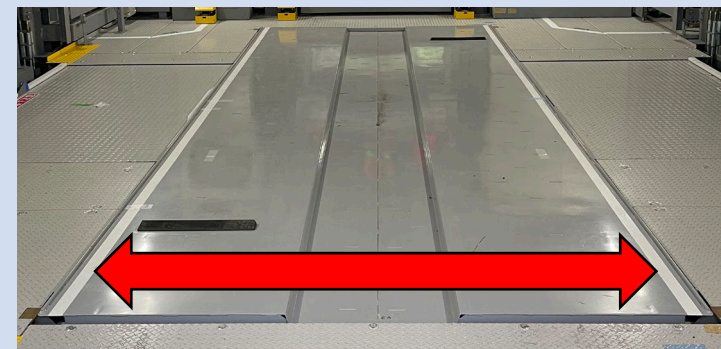
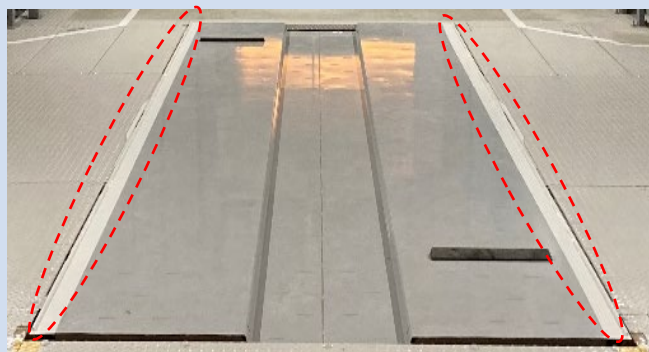
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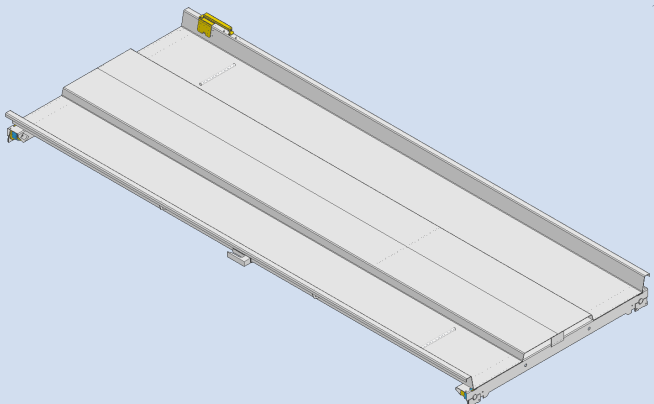
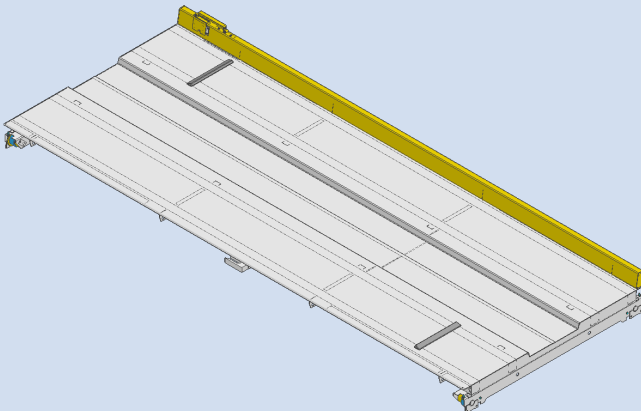

PALLET VARIATION

NON-EV CHARGING PALLET

STANDARD PALLET		FLAT PALLET		SUPERIOR FLAT PALLET		WIDER & HEAVIER SUPERIOR FLAT PALLET	
BASIC USE		SUPER CAR		HEAVIER SUV SUPER CAR		WIDER & HEAVIER SUV SUPER CAR	
LENGTH	5,300	LENGTH	5,300	LENGTH	5,300	LENGTH	5,320
WIDTH	2,050	WIDTH	2,050	WIDTH	2,050	WIDTH	2,300
WEIGHT	2,500	WEIGHT	2,400	WEIGHT	2,700	WEIGHT	2,800
TIRE OUTER DIMENSION	1,960	TIRE OUTER DIMENSION	2,050	TIRE OUTER DIMENSION	2,050	TIRE OUTER DIMENSION	2,100
GROUND CLEARANCE	90	GROUND CLEARANCE	90	GROUND CLEARANCE	90	GROUND CLEARANCE	90



EV CHARGING PALLET

STANDARD PALLET		FLAT PALLET		SUPERIOR FLAT PALLET		WIDER & HEAVIER SUPERIOR FLAT PALLET	
NO RECOMMENDED FOR EV DUE TO WIDTH MAY OVER SIZE		NO RECOMMENDED FOR EV DUE TO WIDTH MAY OVER SIZE				WIDER & HEAVIER SUV SUPER CAR	
LENGTH	5,300	LENGTH	5,300	LENGTH	5,300	LENGTH	5,320
WIDTH	2,050	WIDTH	2,050	WIDTH	2,050	WIDTH	2,300
WEIGHT	2,500	WEIGHT	2,350	WEIGHT	2,650	WEIGHT	2,800
TIRE OUTER DIMENSION	1,960	TIRE OUTER DIMENSION	1,960	TIRE OUTER DIMENSION	1,960	TIRE OUTER DIMENSION	2,100
GROUND CLEARANCE	90	GROUND CLEARANCE	90	GROUND CLEARANCE	90	GROUND CLEARANCE	90
							

Specifications and contents are subject to change without notice. Dimensions including protrusions such as LID & CHARGING GUN, CABLE etc.

EV CHARGING PALLET

WHY DOES WIDTH MAY OVER SIZE?

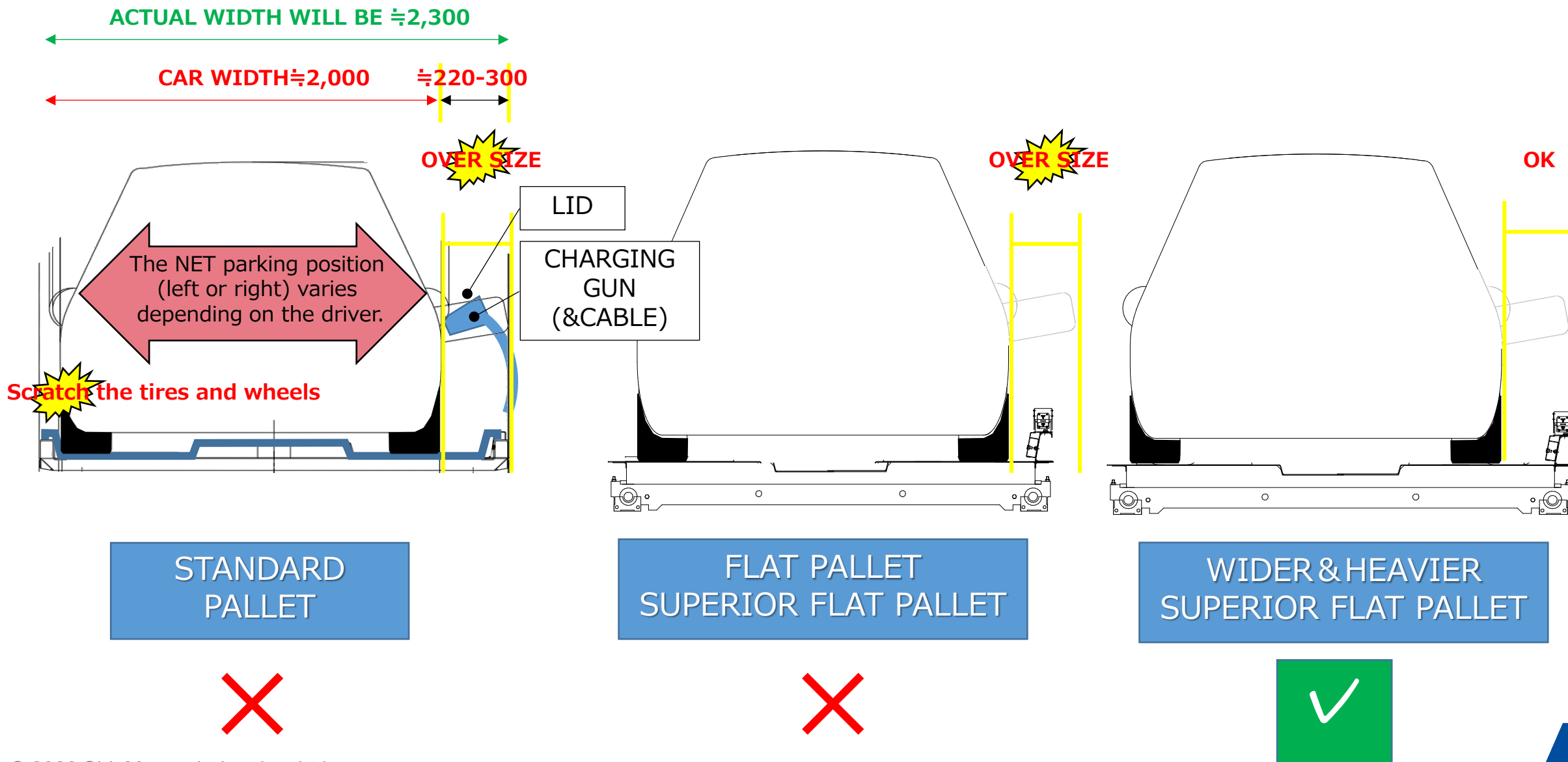
LID & CHARGING GUN PROTRUDE
≒220~300mm

LID

CHARGING GUN
(&CABLE)



EV CHARGING PALLET

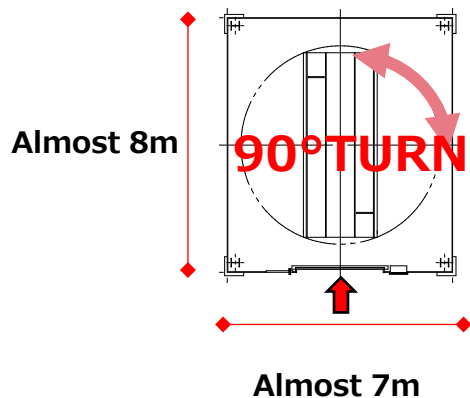


LAYOUT CONSIDERATION

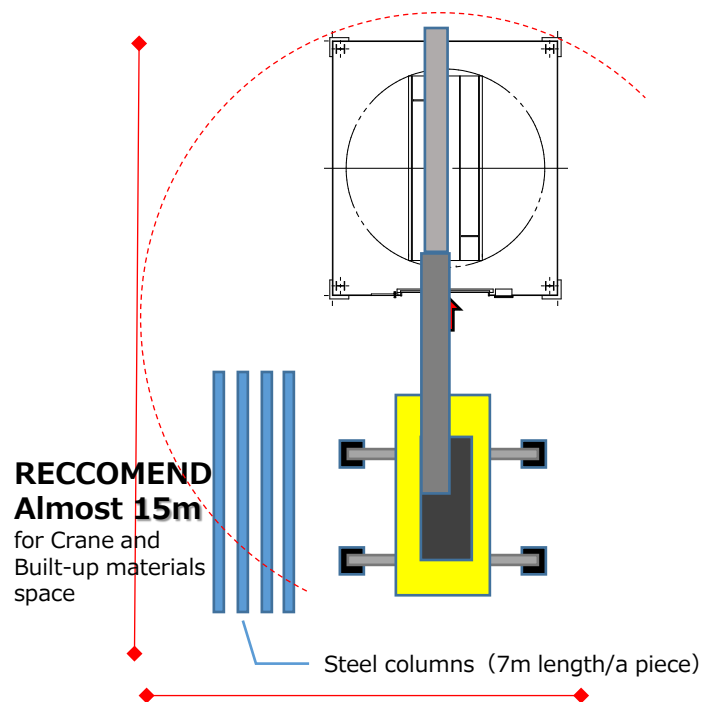
POINT OF LAYOUT CONSIDERATION

IN CASE OF ELEPARK STAND ALONE TYPE

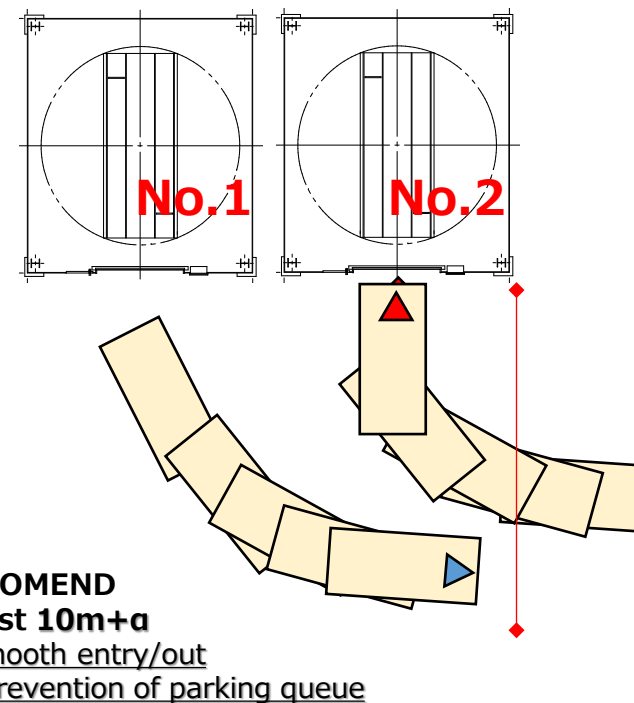
PRODUCT ONLY (CATALOGUE)



UNDER CONSTRUCTION WITH CRANE



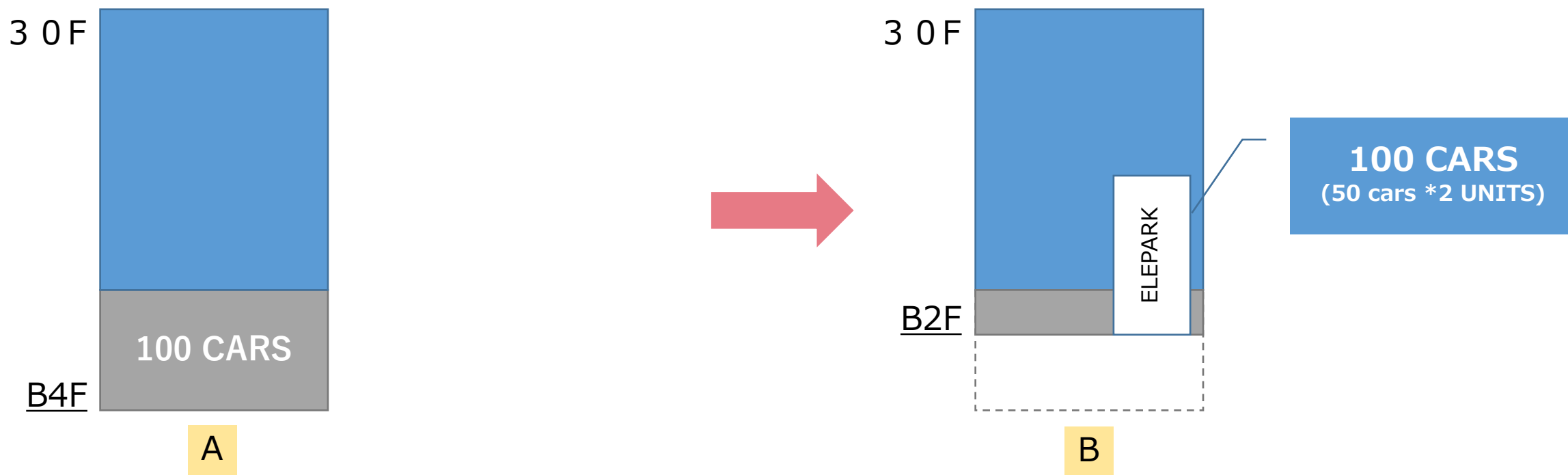
FOR SMOOTH OPERATION



THE VALUES ELEPARK CAN PROVIDES ARE...

- SAVE CONSTRUCTION COST
- PROTECT ASSETS FROM CRIMES
- ENSURE PARKING LOT THROUGH EXCELLENT AREA AND VOLUME EFFICIENTLY.

(ELEPARK Land area :51-61sqm/1 tower for 50 cars)



DESIGN **B** WITH BUILD IN ELEPARK SAVE TOTAL CONSTRUCTION COST.

ANCILLARY EQUIPMENTS CAN BE REDUCED

