


NOTE

공 통 사 항	1. 본도는 좌현을 표기하며 특기 외에는 양현 대칭임.
	2. 모서리 부분은 Smooth Grinding 할 것. (RC)
	3. 도장 보류 및 Protection 사항 : 자재의 끝단(PAD 포함)에서 15mm 이내
	4. 자재의 상(↑) 표시는 필히 Welding Bead로 할 것.
	5. 자재 입고시 용접선 부근 50mm 이내에 Paint Marker로 Marking(Ship No, POR No, Block No, 및 Mark No.) 할 것.
	6. 납품 시 자재 인식표(TAG)는 부착하여 입고할 것. MARKING 방법 : SHIP NO., BLOCK NO., POR NO., SEQ. NO., MARK NO.
	7. 자재는 필히 LOT No. 단위로 묶음하여 입고할 것. → 녹발청, 도장오염 방지 위해 코팅 Wire 사용
	8. 특기외 SU=160(10)mm, U=110mm이며, SB=80(10)mm, B=30mm임.


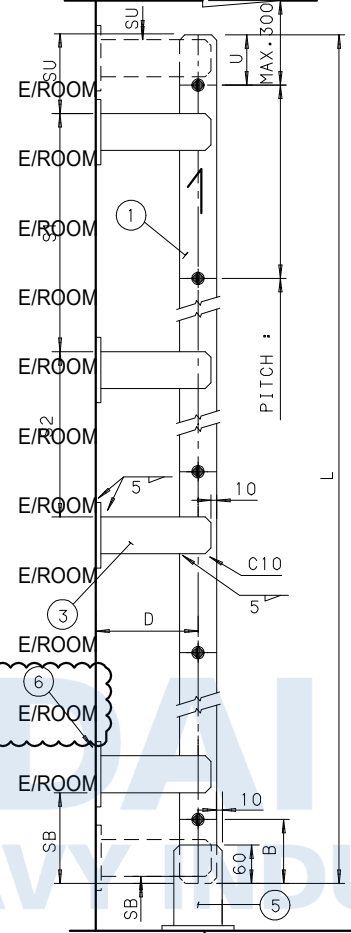
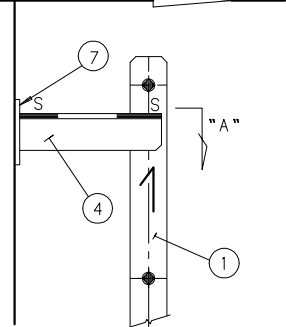
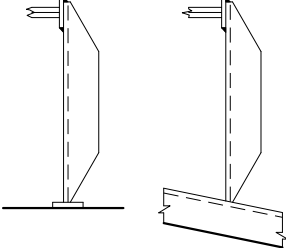
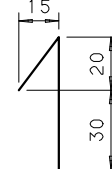
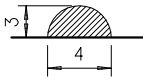
특이 사항	
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PLAN HISTORY					
REV NO	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	21. 12. 22	Vertical Ladder 제작용으로 작성	김성경	이천하	결재完
001	21. 12. 23	타 부서 요청으로 형상 수정	김성경	이천하	결재完

(표지 포함 8 매)

DEP'T NO. B111000	SHIP NO. 8105/06/07	SHIP TYPE 174,000 CBM CLASS LNGC	
TEL. NO. 4787	부 서 명 구 조 설 계 부	<div>도 면 명</div> <div>Vertical Ladder</div> <div>제작도</div>	
승 인	책임 김 성 주		
검 도	책임 이 천 하		
작 성	대리 김 성 경	<div>도 면 번 호</div> <div>E52P5115H</div> <div>POR NO.</div>	
 Hyundai Samho Heavy Industries Co., Ltd. Samho Shipyard, Korea		<div>DATE</div> <div>2021. 12. 22</div>	<div>H19</div>

C:\EXDB\설계공통양식\W\제작도표지.xls

<div></div>		VERTICAL LADDER MFG. LIST															예산대구분	PROJECT NO.		발행부서	작성자 사번		DATE	DWG. NO		PAGE																																																					
																	6016	8105		B111000	W126191		20211222	E52P5115H		1																																																					
																		8106,8107			구조설계부	김성경					T : 4787																																																				
NO.	예산중구분	자재번호(MATERIAL)	Q'TY	TYPE	PAINT CODE(도장 횟수)			DIMENSION						SQ. B Q'TY	LEG Q'TY				PAD ㉔ Q'TY		WEIGHT (Kg/ST)	POR NO		BLK.	MARK NO.	<div><div>(150≤D≤350)</div><div></div><div>(D>350)</div><div></div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div><div>① MARK DET. (상부표시)</div><div></div><div>BEAD DET.</div><div></div><div>※ MARK(No.4)</div><div>LEG : 350<D≤1300 → 65*65*8 E.A</div><div>LEG : D>1300 → 75*75*9 E.A</div><table><tr><td>7</td><td>PAD</td><td>9.0</td><td>SS400</td><td></td><td>Kg/EA</td></tr><tr><td>6</td><td>PAD</td><td>9.0</td><td>SS400</td><td></td><td>Kg/EA</td></tr><tr><td>5</td><td>LEG</td><td>85*9</td><td>SS400</td><td></td><td>Kg/M</td></tr><tr><td>4</td><td>※ LEG</td><td>65*65*8/75*75*9</td><td>SS400</td><td></td><td>Kg/M</td></tr><tr><td>3</td><td>LEG</td><td>65*9</td><td>SS400</td><td></td><td>Kg/M</td></tr><tr><td>2</td><td>STEP</td><td>22*22</td><td>SS400</td><td></td><td>Kg/M</td></tr><tr><td>1</td><td>SIDE FRAME</td><td>65*9</td><td>SS400</td><td>2</td><td>Kg/M</td></tr><tr><td>NO</td><td>DESCRIPTION</td><td>SIZE</td><td>MAT'L</td><td>Q'TY/ST</td><td>WEIGHT</td></tr></table></div>						7	PAD	9.0	SS400		Kg/EA	6	PAD	9.0	SS400		Kg/EA	5	LEG	85*9	SS400		Kg/M	4	※ LEG	65*65*8/75*75*9	SS400		Kg/M	3	LEG	65*9	SS400		Kg/M	2	STEP	22*22	SS400		Kg/M	1	SIDE FRAME	65*9	SS400	2	Kg/M	NO	DESCRIPTION	SIZE	MAT'L	Q'TY/ST	WEIGHT
7	PAD	9.0	SS400		Kg/EA																																																																										
6	PAD	9.0	SS400		Kg/EA																																																																										
5	LEG	85*9	SS400		Kg/M																																																																										
4	※ LEG	65*65*8/75*75*9	SS400		Kg/M																																																																										
3	LEG	65*9	SS400		Kg/M																																																																										
2	STEP	22*22	SS400		Kg/M																																																																										
1	SIDE FRAME	65*9	SS400	2	Kg/M																																																																										
NO	DESCRIPTION	SIZE	MAT'L	Q'TY/ST	WEIGHT																																																																										
01	042	416412100	1	A1	O				3200	180	(BACK BAND 160	BAND 110	제작 및 설치 80 30	1335			10	6			6			72.09	H19							01	E41P	VLHE41P04																																													
02	042	416412100	1	A1				2860	180	(BACK BAND 160	BAND 110	제작 및 설치 80 30	1025			9	6			6			67.53	H19	02							E41P	VLHE41P05																																														
03	042	416412100	1	A1				1500	150	160	110	80 30				5	4			4			24.42	H19	03							E41P	VLHE41P06																																														
04	042	416412100	1	A1				1500	150	160	110	80 30				5	4			4			24.42	H19	04							E41P	VLHE41P07																																														
05	042	416412100	1	A1				2180	150	160	110	80 30				7	4			4			33.53	H19	05							E41S	VLHE41S05																																														
06	042	416412100	1	A1				3200	150	160	110	80 30	1460			10	6			6			48.95	H19	06							E41S	VLHE41S06																																														
07	042	416412100	1	A1				2860	180	(BACK BAND 160	BAND 110	제작 및 설치 80 30	1025			9	6			6			67.53	H19	07							E41S	VLHE41S07																																														
08	042	416412100	1	A1				3200	180	(BACK BAND 160	BAND 110	제작 및 설치 80 30	1335			10	6			6			72.09	H19	08							E41S	VLHE41S08																																														
09	042	416412100	1	A1				4220	150	(BACK BAND 160	BAND 110	제작 및 설치 80 30	1865			13	6			6			84.94	H19	09	E52P	VLHE52P02																																																				
10	042	416412100	1	A1				3200	150	(BACK BAND 160	BAND 110	제작 및 설치 80 30	1865			10	6			6			71.26	H19	10	E52S	VLHE52S02	001																																																			
11	042	416412100	1	A1	O			2860	150	160	110	80 30	1170			9	6			6			45.24	H19	11	E28S	VLHE28S02																																																				

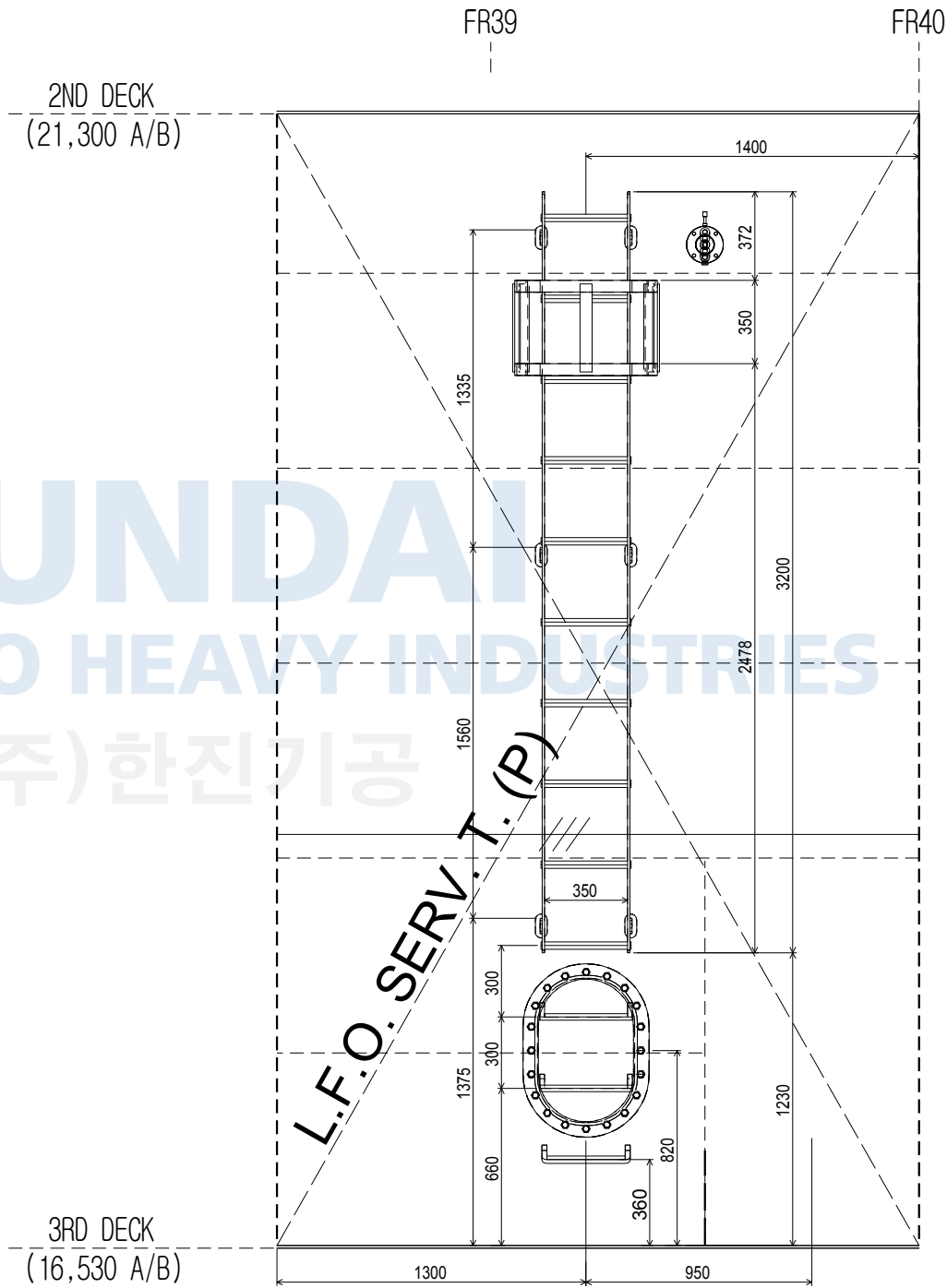
8105-VERT-09-R1



SHIP NO.	8105-8107	2
BLK NO.	E52P5115H	7

ELEVATION(P)

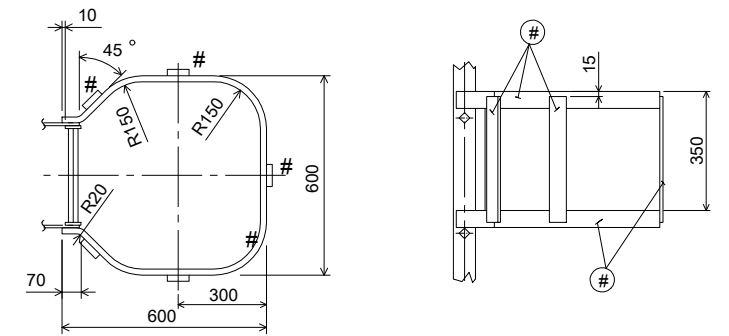
(LGP21)



VLHE41P04

DET. OF BACK BAND

MARKED : 50 X 9 F.B.



LADDER WEIGHT : 50.63KG

BACK BEND WEIGHT : 21.46KG

TOTAL : 72.09KG

설치도 및 제작도임

문의 : 기장설계부/반철용 엔지니어 (T:3003)



SHIP NO.	8105-8107	3
BLK NO.	E52P5115H	7

ELEVATION(P)

(LGP21)

FR40

FR41

FR42

2ND DECK
(21,300 A/B)

SECTION(P)

(FR40)

LGP22
(16,775)

LGP21
(16,015)

PAD (TYP)

PAD (TYP)

PAD (TYP)

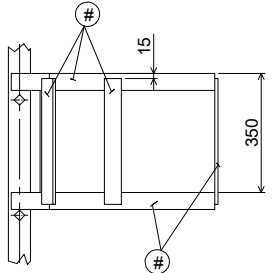
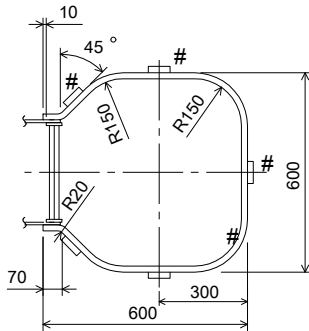
VLHE41P05

L.F.O. SETT. T. (P)

3RD DECK
(16,530 A/B)

DET. OF BACK BAND

MARKED : 50 X 9 F.B



LADDER WEIGHT : 46.07KG

BACK BEND WEIGHT : 21.46KG

TOTAL : 67.53KG

설치도 및 제작도임

문의 : 기장설계부/반철용 엔지니어 (T:3003)



SHIP NO.	8105-8107	4
BLK NO.	E52P5115H	7

ELEVATION(S)

(LGS21)

FR40

FR41

FR42

2ND DECK
(21,300 A/B)

L.F.O. SETT. T. (S)

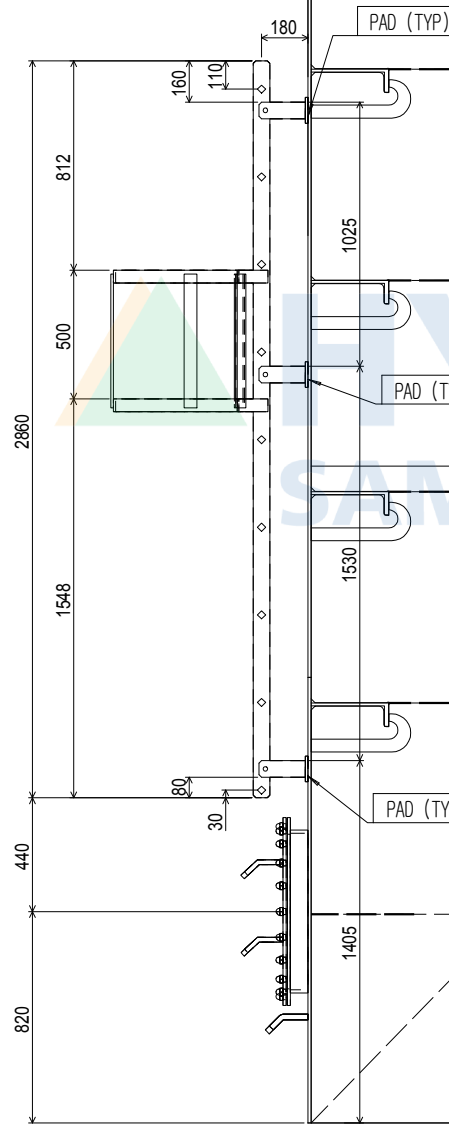
VLHE41S07

3RD DECK
(16,530 A/B)

SECTION(S)

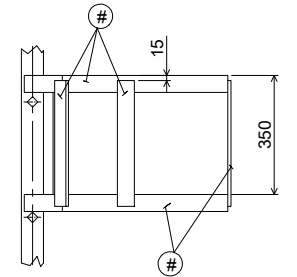
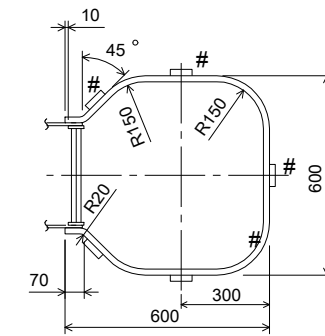
(FR40)

LGS21
(16,015)



DET. OF BACK BAND

MARKED : 50 X 9 F.B



LADDER WEIGHT : 46.07KG

BACK BEND WEIGHT : 21.46KG

TOTAL : 67.53KG

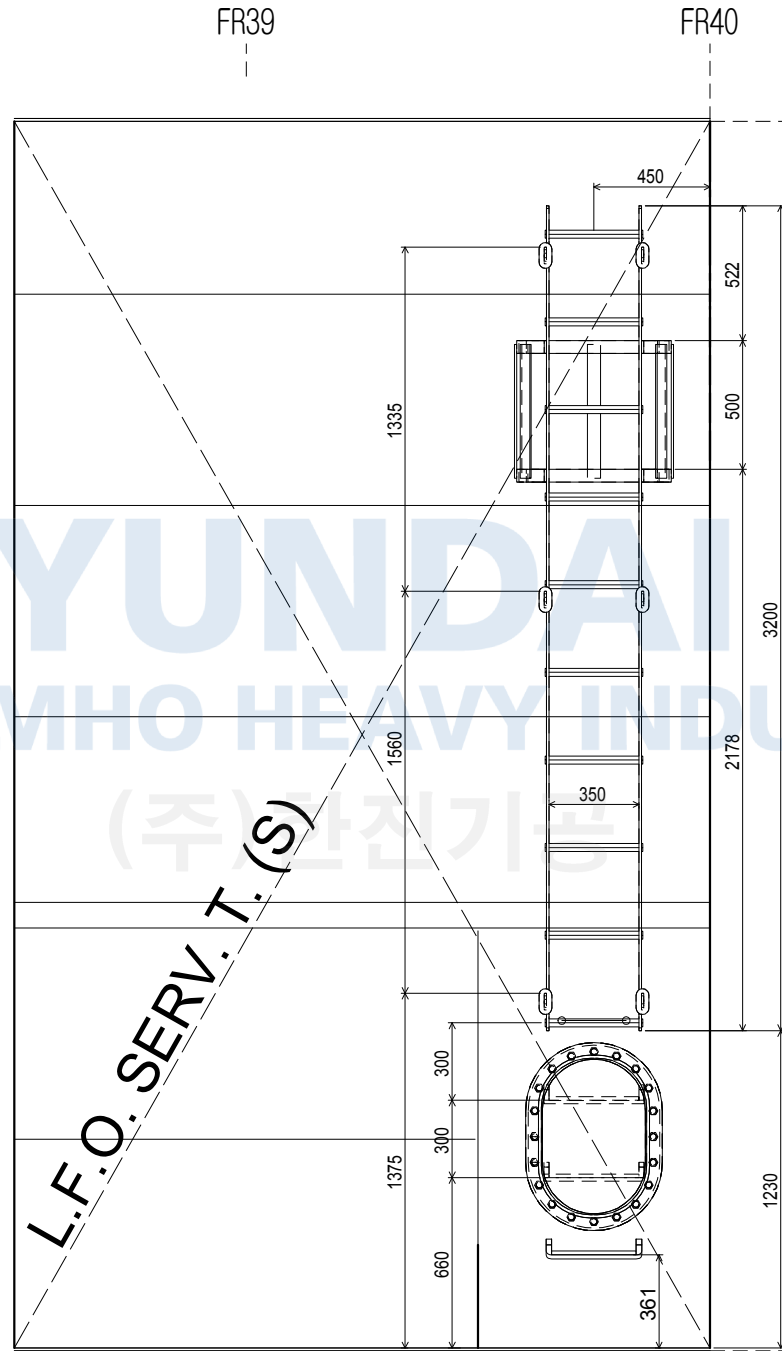
설치도 및 제작도임

문의 : 기장설계부/반철용 엔지니어 (T:3003)



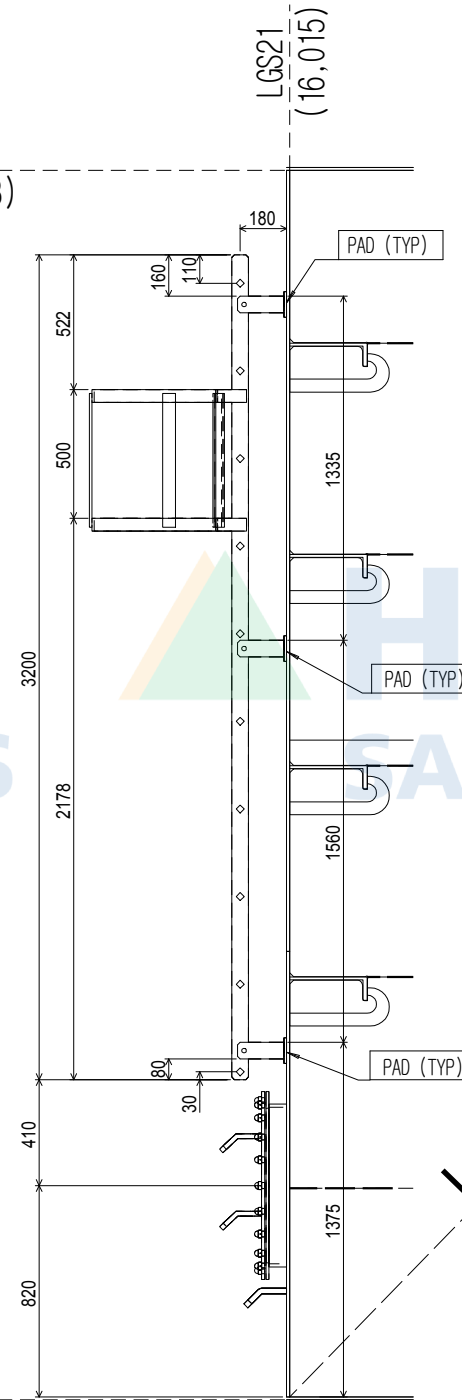
SHIP NO.	8105-8107	5
BLK NO.	E52P5115H	7

ELEVATION(S)
(LGS21)



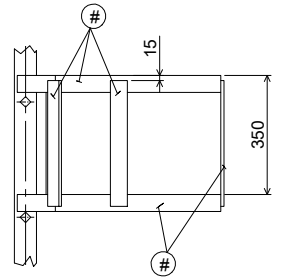
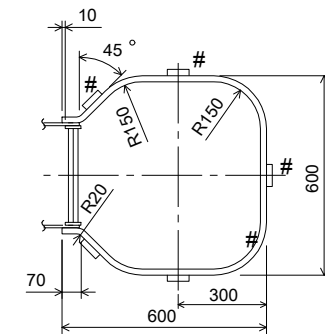
VLHE41S08

SECTION(S)
(FR40)



DET. OF BACK BAND

MARKED : 50 X 9 F.B



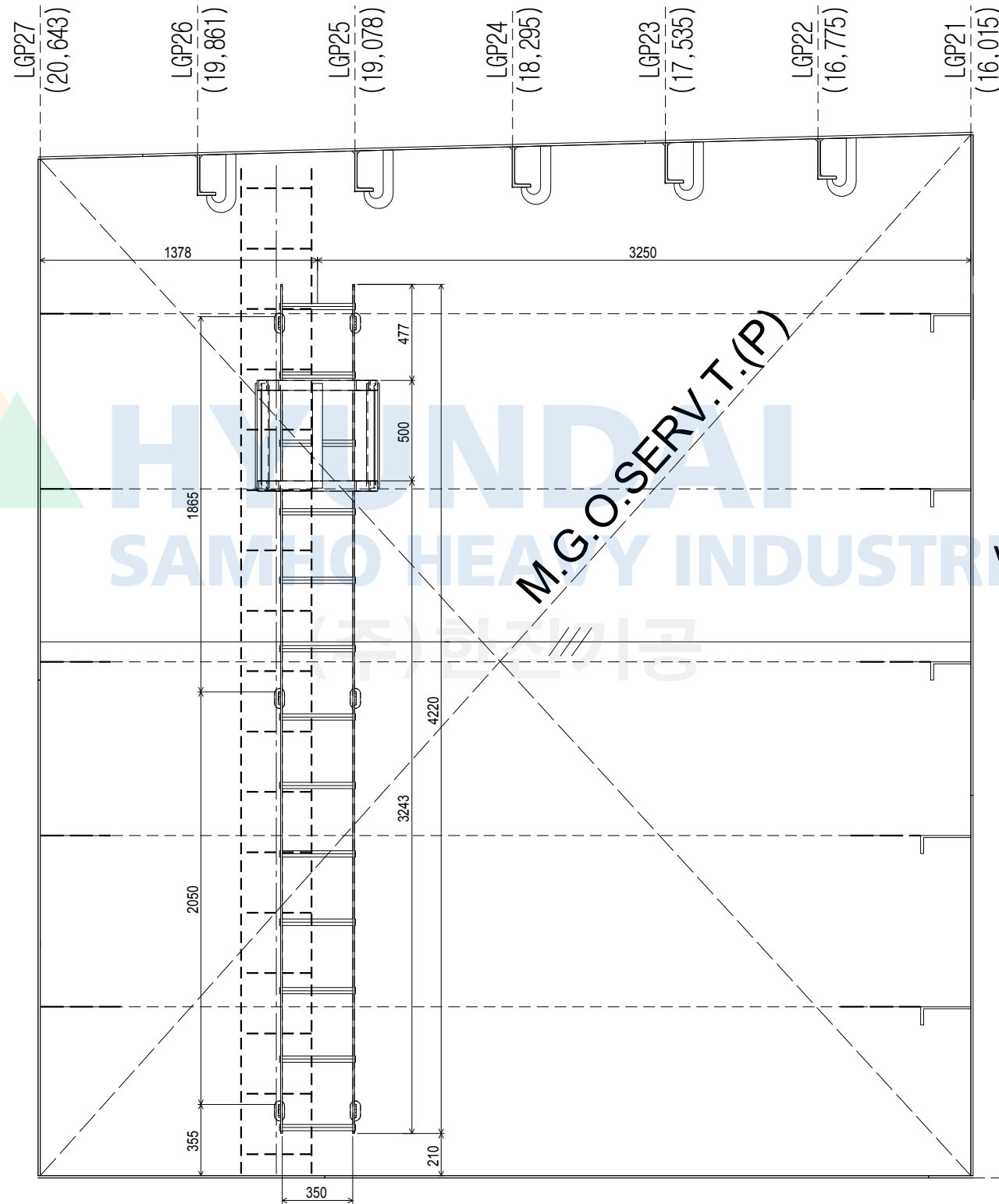
LADDER WEIGHT : 50.63KG
BACK BEND WEIGHT : 21.46KG
TOTAL : 72.09KG

설치도 및 제작도임
문의 : 기장설계부/반철용 엔지니어 (T:3003)

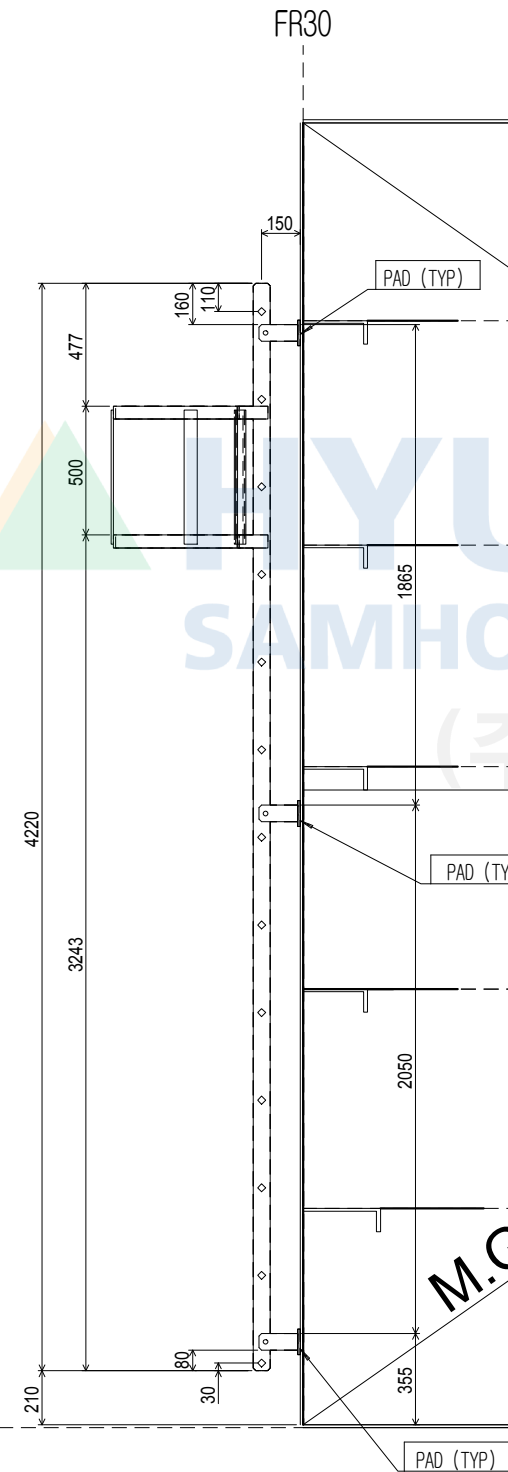


SHIP NO.	8105-8107	6
BLK NO.	E52P5115H	7

SECTION(P)
(FR30)

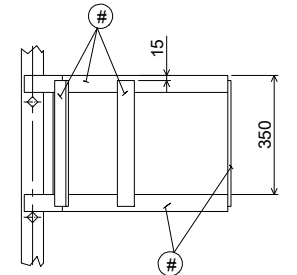
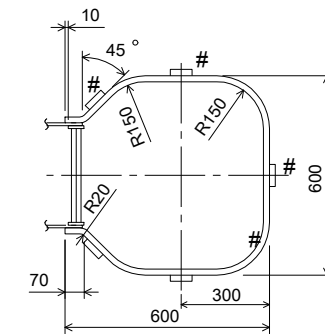


ELEVATION(P)
(LGP27)



DET. OF BACK BAND

MARKED : 50 X 9 F.B



LADDER WEIGHT : 63.48KG
BACK BEND WEIGHT : 21.46KG
TOTAL : 84.94KG

설치도 및 제작도임
문의 : 기장설계부/반철용 엔지니어 (T:3003)

VLHE52P02

2ND DECK
(21,300 A/B)

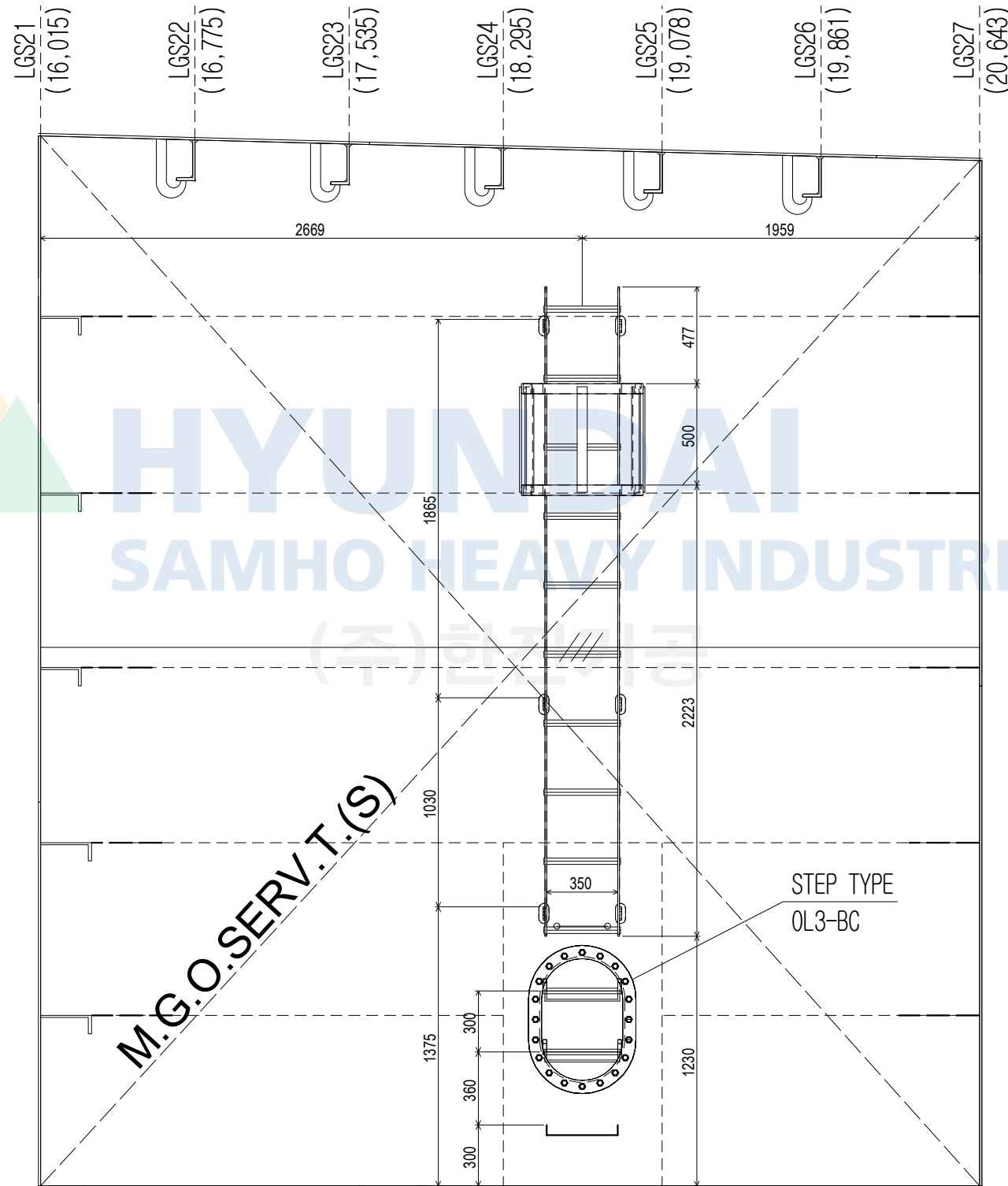
M.G.O.SERV.T.(P)



SHIP NO.	8105-8107	7
BLK NO.	E52P5115H	7

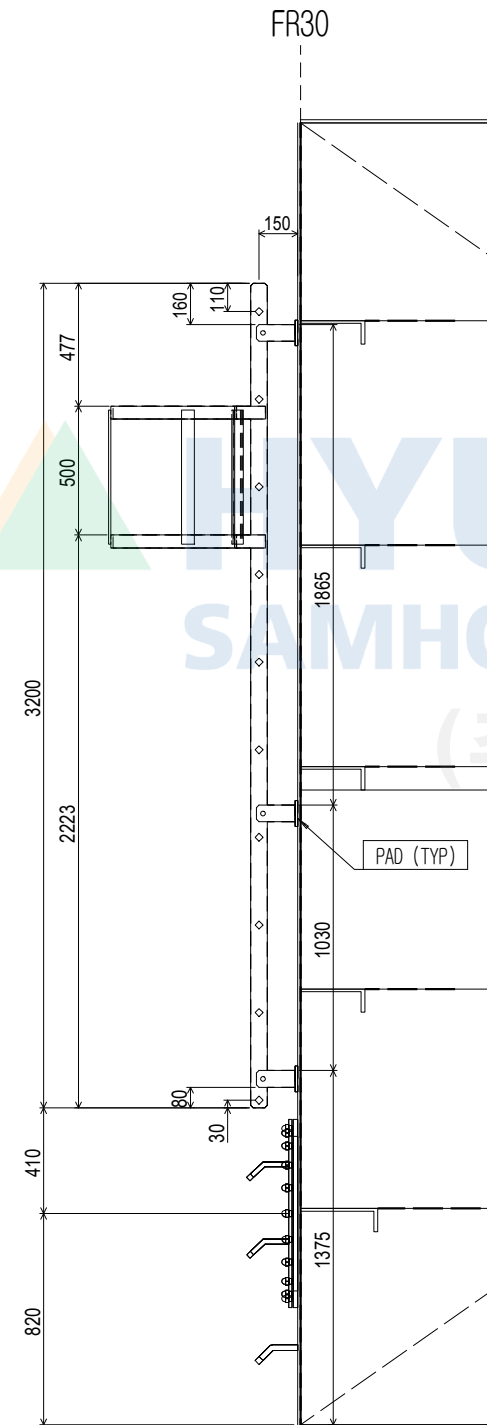
SECTION(S)

(FR30)



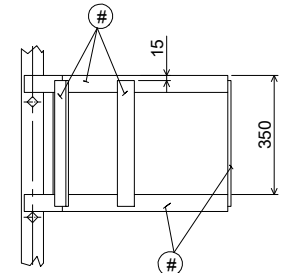
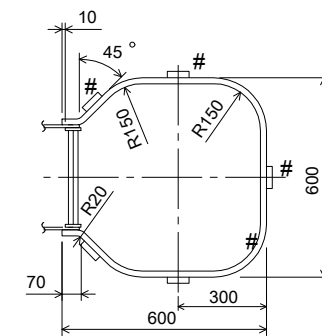
ELEVATION(S)

(LGS27)



DET. OF BACK BAND

MARKED : 50 X 9 F.B.



LADDER WEIGHT : 49.80KG
BACK BEND WEIGHT : 21.46KG
TOTAL : 71.26KG



설치도 및 제작도임
문의 : 기장설계부/반철용 엔지니어 (T:3003)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH		
1																																				
2	SEQ	자재번호	Qty	TYPE	PAINT SPEC.				DIMENSION								SQ.B	LEG Qty				PAD Qty				WGT	BLK.	MARKNO	Step Hole	RC	3P	도금	Side Frame에 Hand Rail 용접	Back Band Stanchion 용접	Hand Rail Bending	Anti-Vibration Support
3									LEN	D	SU	U	SB	B	S1	S2	(2)	(3)	(4)	(5)	(6)	(7)	(8)					PT	KG	KG	KG	PT	PT	EA	EA	
4	01	416412100	1	A1	O				3200	180		110	80	30	1335		10	6			6				72.09	E41P	VLHE41P04	20	72.09	0.00	0.00		4	10	12	0
5	02	416412100	1	A1					2860	180		110	80	30	1025		9	6			6				67.53	E41P	VLHE41P05	18	67.53	0.00	0.00		4	10	12	0
6	03	416412100	1	A1					1500	150	160	110	80	30			5	4			4				24.42	E41P	VLHE41P06	10	24.42	0.00	0.00		0	0	0	0
7	04	416412100	1	A1					1500	150	160	110	80	30			5	4			4				24.42	E41P	VLHE41P07	10	24.42	0.00	0.00		0	0	0	0
8	05	416412100	1	A1					2180	150	160	110	80	30			7	4			4				33.53	E41S	VLHE41S05	14	33.53	0.00	0.00		0	0	0	0
9	06	416412100	1	A1					3200	150	160	110	80	30	1460		10	6			6				48.95	E41S	VLHE41S06	20	48.95	0.00	0.00		0	0	0	0
10	07	416412100	1	A1					2860	180		110	80	30	1025		9	6			6				67.53	E41S	VLHE41S07	18	67.53	0.00	0.00		4	10	12	0
11	08	416412100	1	A1					3200	180		110	80	30	1335		10	6			6				72.09	E41S	VLHE41S08	20	72.09	0.00	0.00		4	10	12	0
12	09	416412100	1	A1					4220	150		110	80	30	1865		13	6			6				84.94	E52P	VLHE52P02	26	84.94	0.00	0.00		4	10	12	0
13	10	416412100	1	A1					3200	150		110	80	30	1865		10	6			6				71.26	E52S	VLHE52S02	26	71.26	0.00	0.00		4	10	12	0
14	11	416412100	1	A1	O				2860	150	160	110	80	30	1170		9	6			6				45.24	E28S	VLHE28S02	18	45.24	0.00	0.00		0	0	0	0