


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.

특 이 사 항	1. A1S5, A13S5 Type의 PAD는 LT강으로 강재 사급임.
	2. 모든 모서리 부분을 3 Pass Grinding(최소 3R)할 것.→ PP 도장 코드만 적용
	3. A1S23 Type은 Handrail 제작하여 Side Frame에 용접, 폭 400mm로 할 것.

PLAN HISTORY					
REV NO	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	22. 04. 04	Vertical Ladder 제작용으로 작성	김성경	이천하	결재完
001	22. 04. 06	치수 누락으로 추가	김성경	이천하	결재完
002	22. 04. 06	Leg & Pad 입력수락 오류로 변경	김성경	이천하	결재完
003	22. 05. 10	구조변경으로 형상수정(8125~)	김성경	이천하	결재完

(표지 포함 5 매)

DEP'T NO. B111000	SHIP NO. 8124-8129	SHIP TYPE 86,000 CBM CLASS LPG CARRIER	
TEL. NO. 2706	부 서 명 구 조 설 계 부	도 면 명 Vertical Ladder 제작도	
승 인	책 임 김 성 주		
검 도	책 임 이 천 하		
작 성	대 리 김 성 경		
 Hyundai Samho Heavy Industries Co., Ltd. Samho Shipyard, Korea		도 면 번 호 S11P0C15H	POR NO.
		DATE 2022. 04. 04	H19

C:\EXDB\설계공통양식\W\제작도표지.xls

VERTICAL LADDER MFG. LIST

예산대구분	PROJECT NO.		발행부서	작성 자 사 번		DATE	DWG.NO	PAGE
6016	8125		B111000	P009313		20220404	S11P0C15H	1
	8126-8129		구조설계부	이천하	T : 2706			4

8124-VERT-12-R3

8124-VERT-12-R3

NO.	예산 중구분	자재번호 (MATERIAL)	Q'TY	TYPE	PAINT CODE (도장 횟수)			DIMENSION								SQ.B Q'TY	LEG Q'TY				PAD Q'TY		WEIGHT (Kg/ST)	POR NO		BLK.	MARK NO.		<div><div>(150≤D≤350)</div><div>(D>350)</div></div>							
					PP			L	D	SU	U	SB	B	S1	S2		③	④	⑤	⑥	⑦			POR NO	SEQ.											
																																			2	
01	042	416412100	1	A13S5	O			860	165	150	100	150	100			3	4			4			16.7	H19	01	B51P	VLHB51P01									
02	042	416412100	1	A13S5	O			860	165	150	100	150	100			3	4			4			16.7	H19	02	B51S	VLHB51S01									
03	042	416412100	1	A13S5	O			제 작 도 면 참 조								6	4			4			31.2	H19	03	B51P	VLHB51P02									
04	042	416412100	1	A13S5	O											6	4			4			31.2	H19	04	B51S	VLHB51S02									
05	042	416412100	1	A1S23	O											8	2	2				77.4	H19	05	B51P	VLHB51P03										
06	042	416412100	1	A1S23	O											8	2	2				77.4	H19	06	B51S	VLHB51S03										
07	042	416412100	1	A1S23	O											8	4					100.7	H19	07	B51P	VLHB51P04										
08	042	416412100	1	A1S23	O											8	4					100.7	H19	08	B51S	VLHB51S04										
09	042	416412100	1	A1S5	O											3	4			4		18.2	H19	09	S19P	VLHS19P01										
10	042	416412100	1	A1S5	O											3	4			4		18.2	H19	10	S19S	VLHS19S01										
11	042	416412100	1	A1S5	O											3	4			4		19.1	H19	11	S19P	VLHS19P02										
12	042	416412100	1	A1S5	O											3	4			4		19.1	H19	12	S19S	VLHS19S02										
13	042	416412100	1	A1S5	O											14	5	1		5	1	74.1	H19	13	S19P	VLHS19P03										
14	042	416412100	1	A1S5	O											14	5	1		5	1	74.1	H19	14	S19S	VLHS19S03										
15	042	416412100	1	A1S5	O											5	2	2		2	2	28.0	H19	15	S19P	VLHS19P04										
16	042	416412100	1	A1S5	O											5	2	2		2	2	28.0	H19	16	S19S	VLHS19S04										
17	042	416412100	1	A1S5	O											2	3	1		3	1	16.0	H19	17	S19P	VLHS19P05										
18	042	416412100	1	A1S5	O											2	3	1		3	1	16.0	H19	18	S19S	VLHS19S05										
19	042	416412100	1	A1S5	O											3	3	1		3	1	17.9	H19	19	S19P	VLHS19P06										
20	042	416412100	1	A1S5	O											3	3	1		3	1	17.9	H19	20	S19S	VLHS19S06										
21	042	416412100	1	A1S5	O											13	6			6		69.2	H19	21	S19P	VLHS19P07										
22	042	416412100	1	A1S5	O											13	6			6		69.2	H19	22	S19S	VLHS19S07										
23	042	416412100	1	A1S5	O											2	2			2		10.6	H19	23	S19P	VLHS19P08										
24	042	416412100	1	A1S5	O			제 작 도 면 참 조								2	2			2			10.6	H19	24	S19S	VLHS19S08									

* A1S5,A13S5 TYPE의 PAD 재질은 LT강 임. → 강재 사급

A1S5,A13S5 TYPE

06	PAD	9.0	460LF-M32S		0.35 Kg/EA
07	PAD	9.0	460LF-M32S		0.53 Kg/EA

MARK NO. MARKING

VLH

PROJECT NO.

SERIAL NO. OF BLOCK

BLOCK NO.

TYPE	P	W
A1(S5)	340	350
A13(S5)	330	350
A1S23	330	400

W.B.TANK

⑦

PAD

9.0

SS400

Kg/EA

W.B.TANK

6

PAD

9.0

SS400

Kg/EA

W.B.TANK

5

LEG

85*9

SS400

Kg/M

W.B.TANK

4

※ LEG

65*65*8/75*75*9

SS400

Kg/M

W.B.TANK

3

LEG

65*9

SS400

Kg/M

W.B.TANK

2

STEP

22*22

SS400

Kg/M

W.B.TANK

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

※ MARK(NO.4)

LEG : 350<D≤1300 → 65*65*8 E.A

LEG : D>1300 → 75*75*9 E.A

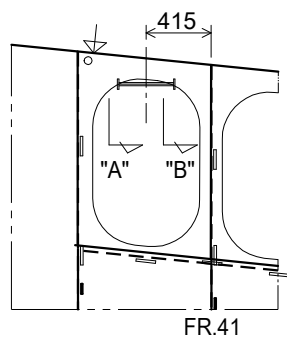
8124-VERT-12-R3

SHIP NO.	8124 - 8129	2 4
BLK NO.	S11P0C15H	



HOPPER TOP PLAN

(P&S)



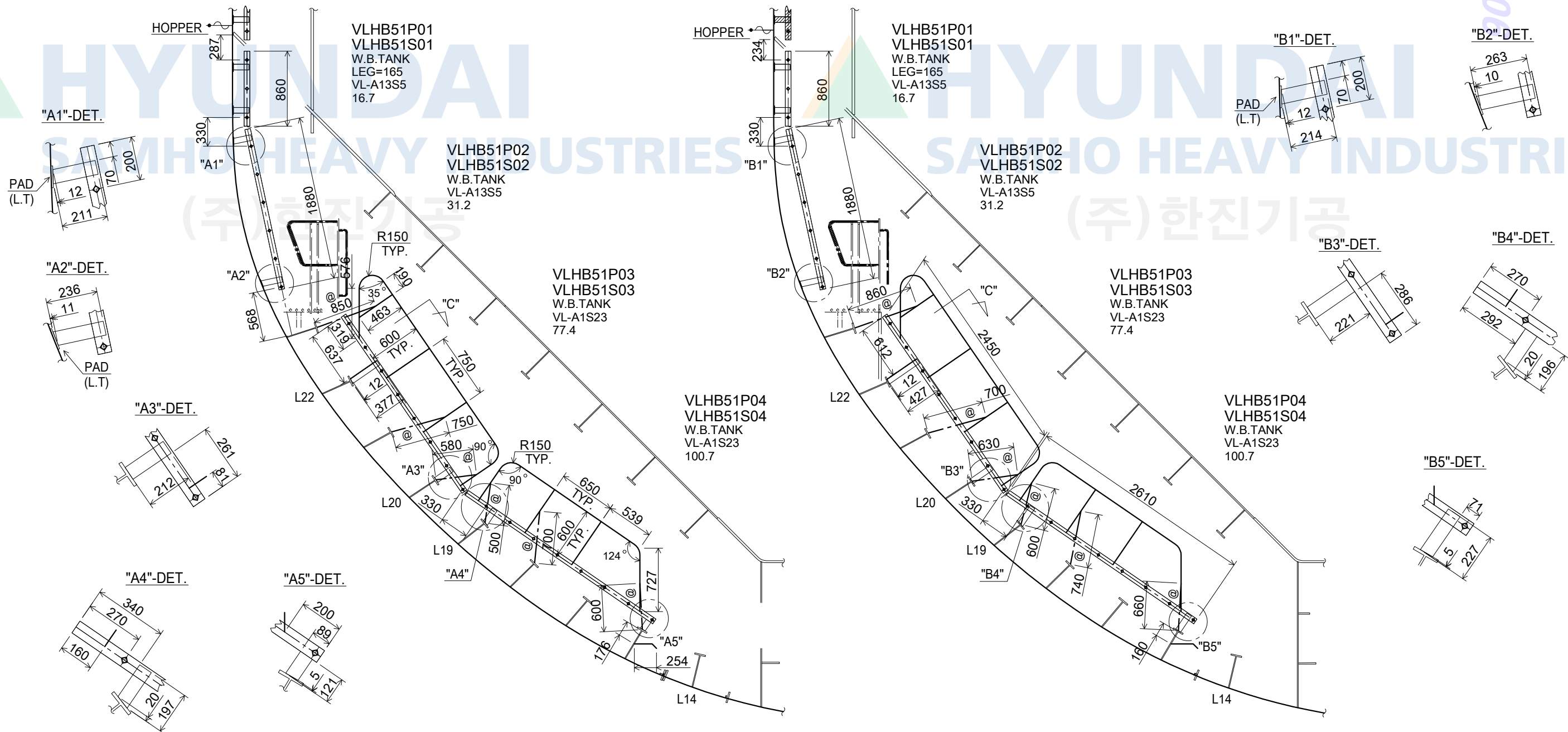
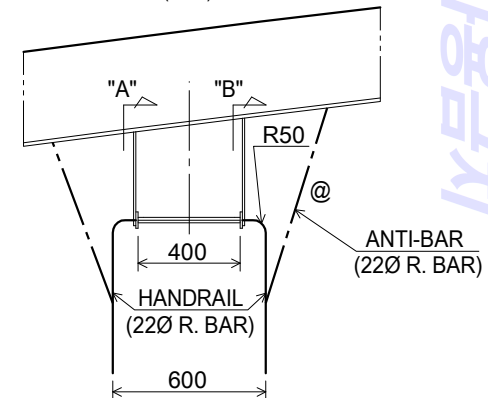
"A"-SEC.

@ : 제작시 본체 고박하여 입고
(PAD는 제작후 T.W 하여 입고)

"B"-SEC.

@ : 제작시 본체 고박하여 입고
(PAD는 제작시 T.W 하여 입고)

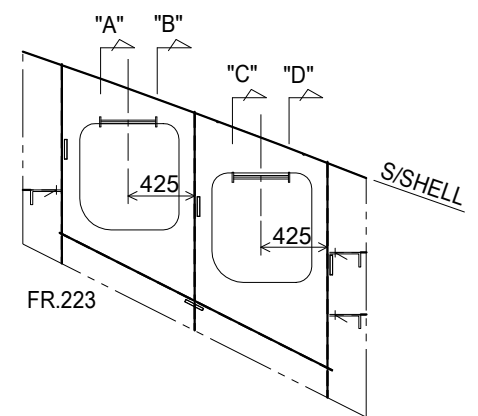
"C"-VIEW
(P&S)



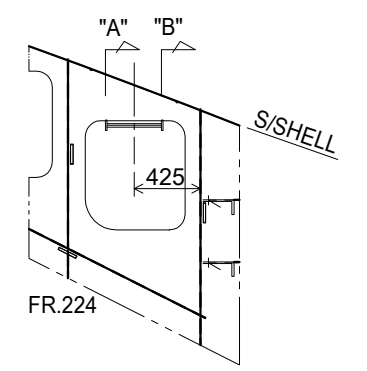


SHIP NO.	8125 - 8129	3
BLK NO.	S11P0C15H	4

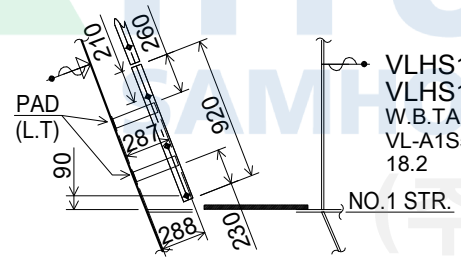
NO.1 STR. PLAN
(P&S)



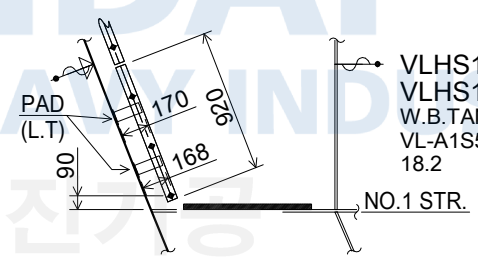
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(P&S)



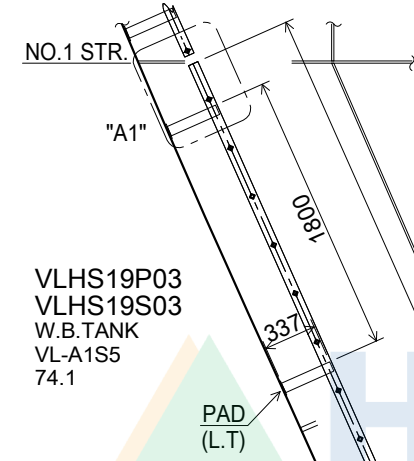
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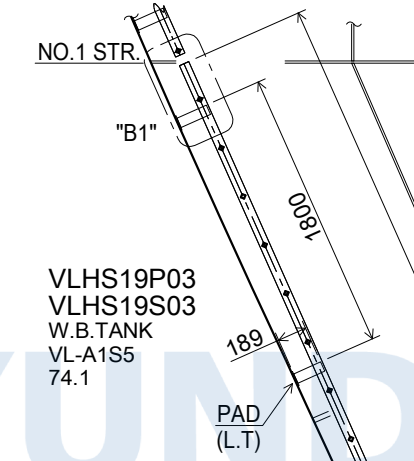
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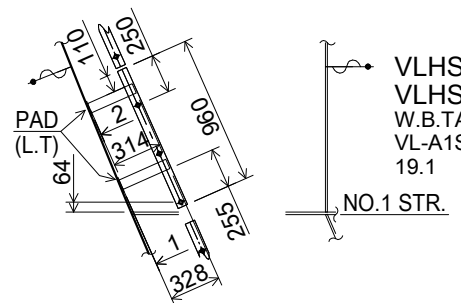
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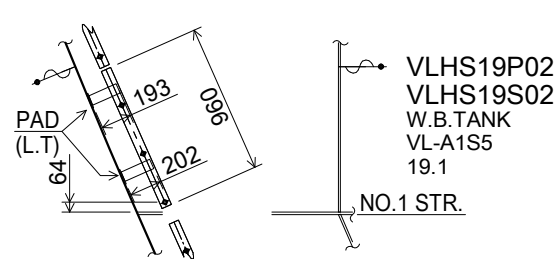
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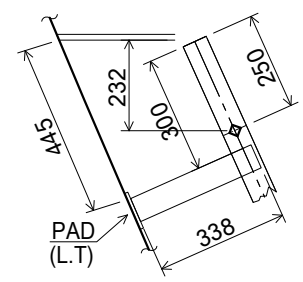
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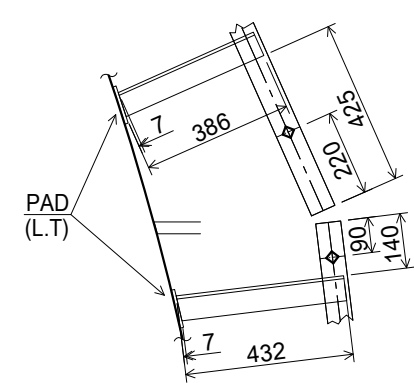
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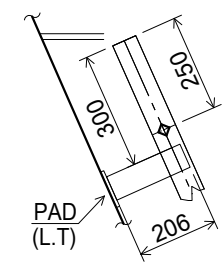
"A1"-DET.



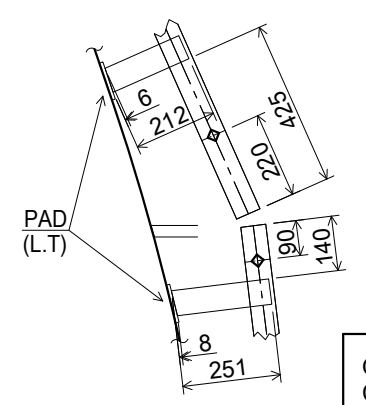
"A2"-DET.



"B1"-DET.



"B2"-DET.

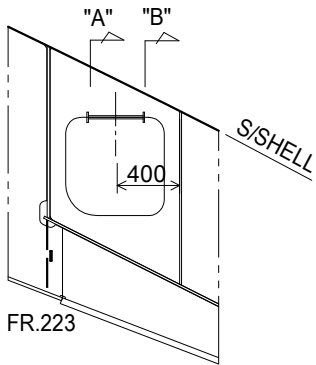


8124-VER-PORH19-02-R3

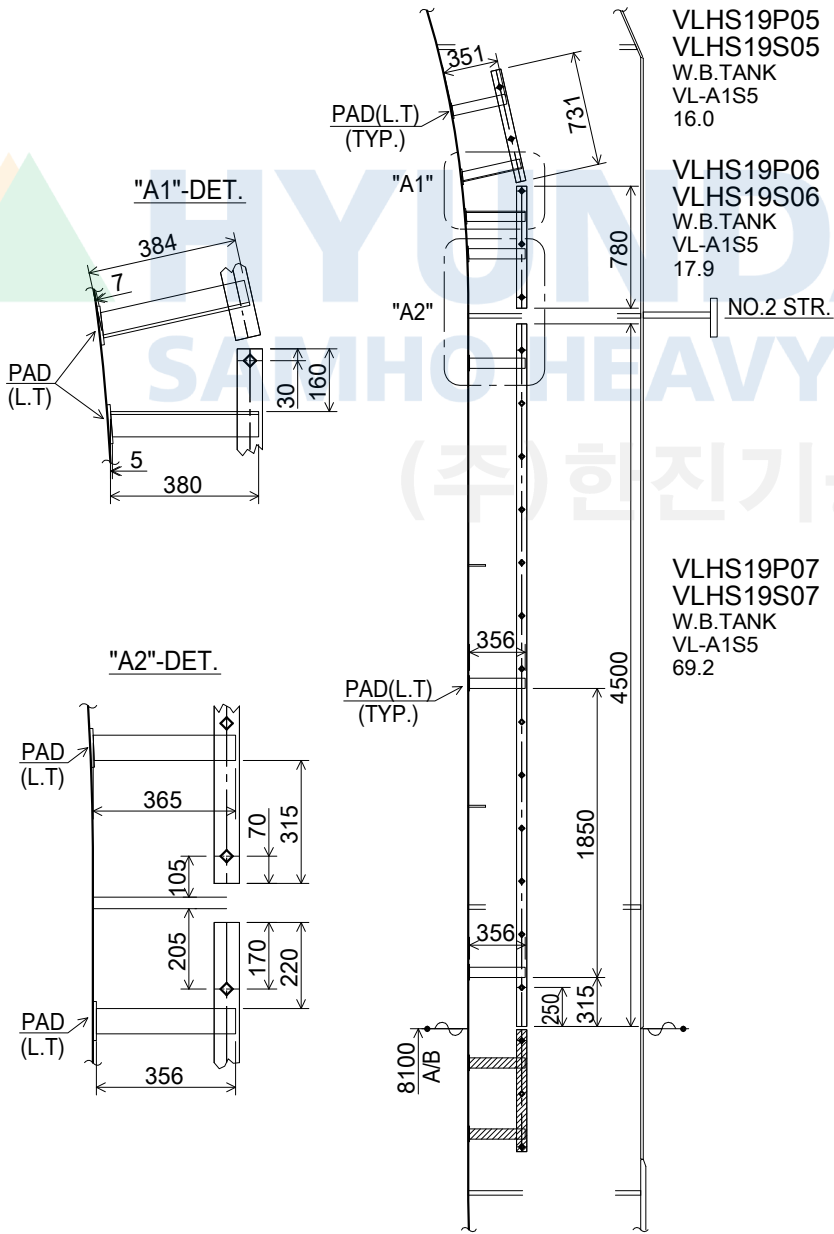




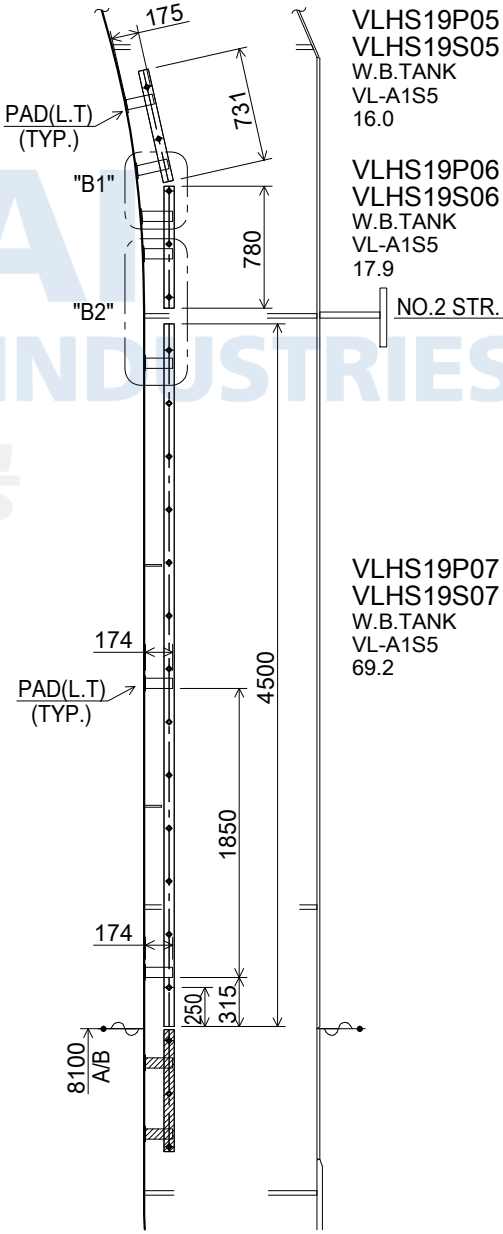
NO.2 STR. PLAN
(P&S)



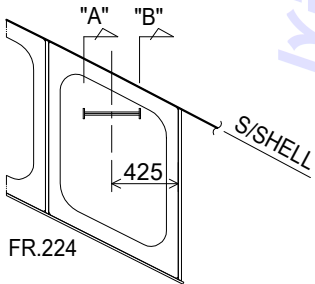
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(PAD는 제작후 T.W 하여 입고)



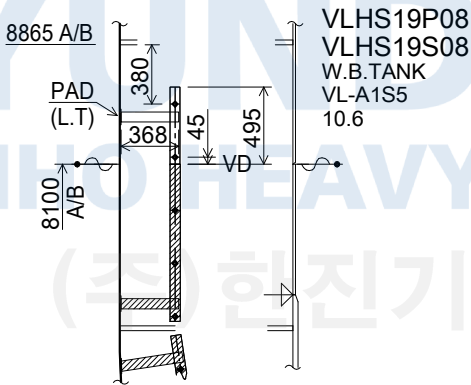
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(PAD는 제작후 T.W 하여 입고)



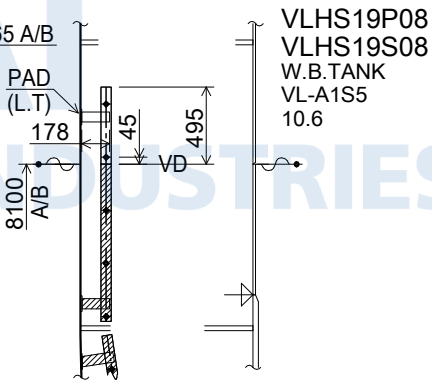
8865 A/B PLAN
(P&S)



"A"-SEC.



"B"-SEC.



	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																		PLM 8124-S11P0C15H-POS유첨용-001 8124-S11P0C15H-001.pdf																					
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	A13S5	O			제	작	도	면	참	조					3	4			4			16.70	B51P	VLHB51P01	6		16.70									
5	02	416412100	1	A13S5													3	4			4			16.70	B51S	VLHB51S01	6		16.70										
6	03	416412100	1	A13S5													6	4			4			31.20	B51P	VLHB51P02	12		31.20										
7	04	416412100	1	A13S5													6	4			4			31.20	B51S	VLHB51S02	12		31.20										
8	05	416412100	1	A1S23													8	2	2					77.40	B51P	VLHB51P03	16		77.40		8	6	6	6					
9	06	416412100	1	A1S23													8	2	2					77.40	B51S	VLHB51S03	16		77.40		8	6	6	6					
10	07	416412100	1	A1S23													8	4						100.70	B51P	VLHB51P04	16		100.70		8	4	6	6					
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13	10	416412100	1	A1S5													3	4			4			18.20	S19S	VLHS19S01	6		18.20										
14	11	416412100	1	A1S5													3	4			4			19.10	S19P	VLHS19P02	6		19.10										
15	12	416412100	1	A1S5													3	4			4			19.10	S19S	VLHS19S02	6		19.10										
16	13	416412100	1	A1S5													14	5	1		5	1		74.10	S19P	VLHS19P03	28		74.10										
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18	15	416412100	1	A1S5													4	2	2		2	2		23.40	S19P	VLHS19P04	8		23.40										
19	16	416412100	1	A1S5													4	2	2		2	2		23.40	S19S	VLHS19S04	8		23.40										
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24	21	416412100	1	A1S5													13	6			6			69.20	S19P	VLHS19P07	26		69.20										
25	22	416412100	1	A1S5													13	6			6			69.20	S19S	VLHS19S07	26		69.20										
26	23	416412100	1	A1S5													2	2			2			10.60	S19P	VLHS19P08	4		10.60										
27	24	416412100	1	A1S5				제	작	도	면	참	조				2	2			2			10.60	S19S	VLHS19S08	4		10.60										

(주)한진기공