


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.


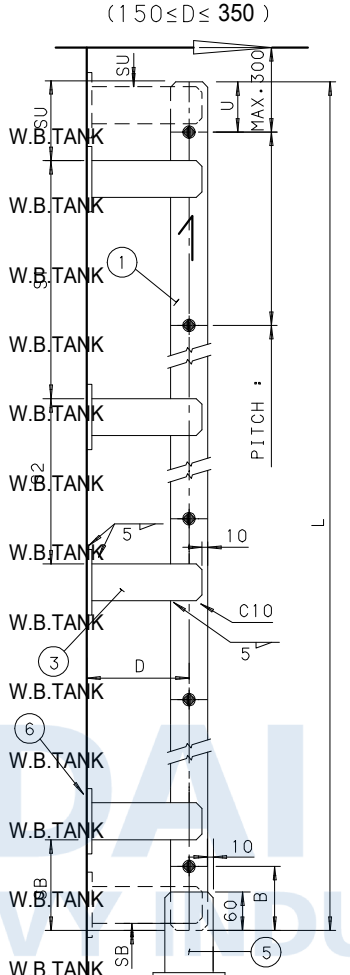
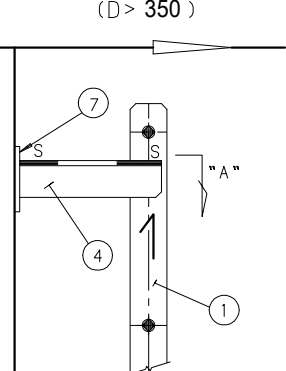
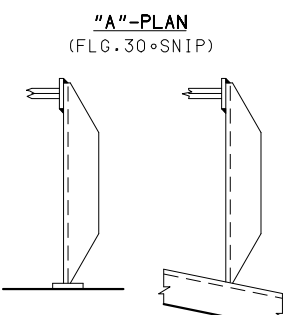
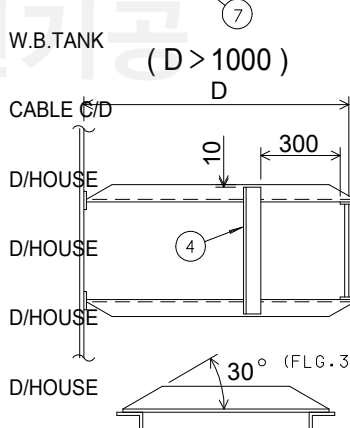
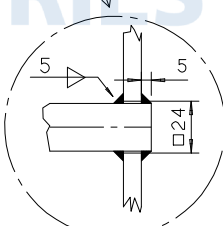
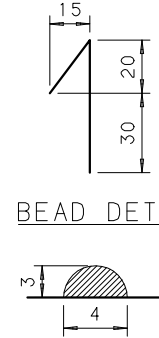
특이 사항	1. A1S5, A13S5 Type의 PAD는 LT강으로 강재 사급임.
	2. 모든 모서리 부분을 3 Pass Grinding(최소 3R)할 것.→ PP 도장 코드만 적용

PLAN HISTORY					
REV NO	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	22. 04. 11	Vertical Ladder 제작용으로 작성	김성경	이천하	결재完
003	22. 05. 25	치수 누락으로 추가	김성경	이천하	결재完
004	22.07.21	작업성 고려 Leg T.W하여 입고(8126~)	김성경	이천하	결재完
005	22. 08. 26	SB값 변경(8126~)	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 S11P5015H	POR NO.
		DATE 2022. 04. 11	H27

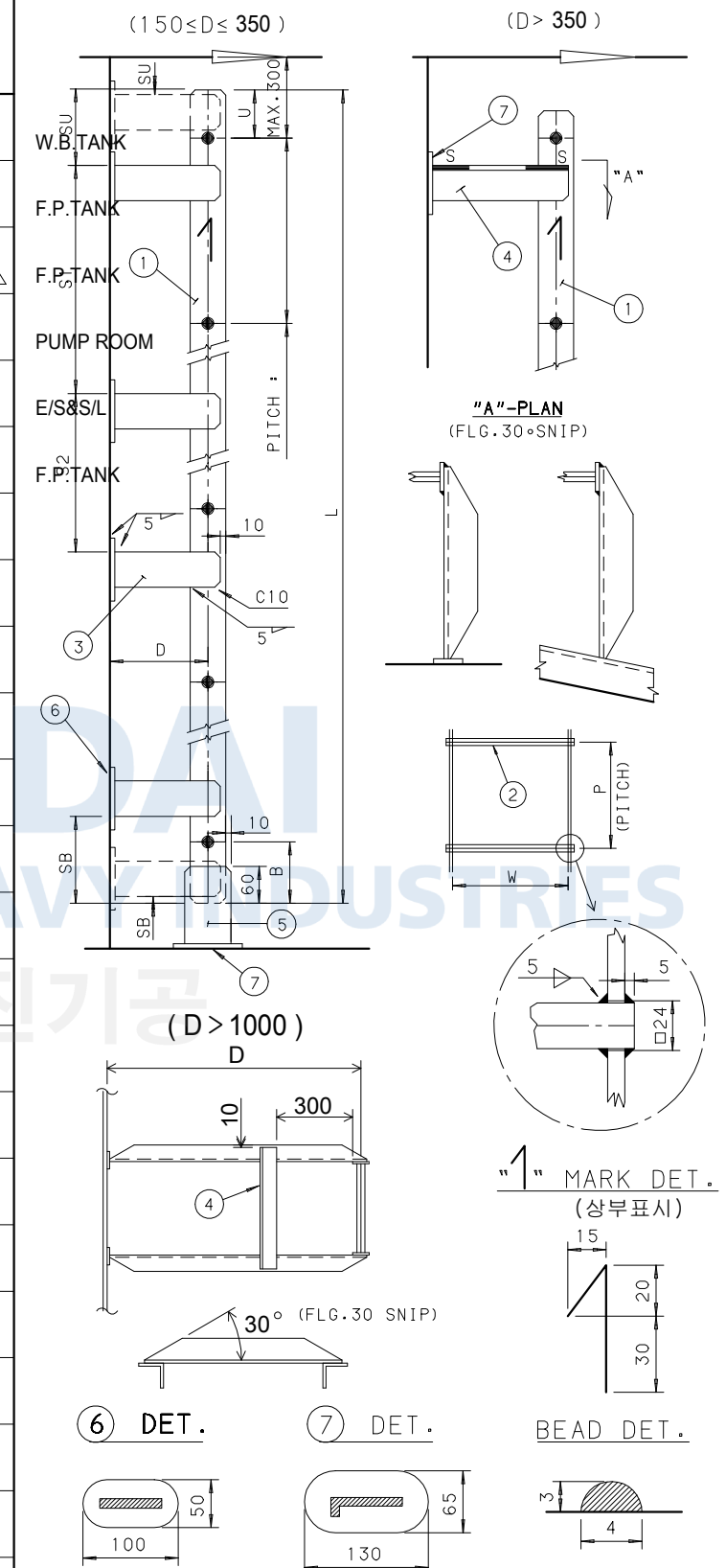
C:\EXDB\설계공통양식\W\제작도표지.xls

<div></div>		VERTICAL LADDER MFG. LIST														예산대구분		PROJECT NO.		발행부서	작성자 사번		DATE	DWG. NO		PAGE																																																											
																6016		8124			B111000	W126191		20220411	S11P5015H		1																																																										
																		8125-8129			구조설계부	김성경	T : 4787		4																																																												
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></div><div>(D>350)</div><div></div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div><div>(D > 1000)</div><div></div><div>1" MARK DET. (상부표시)</div><div></div><div>BEAD DET.</div><div></div><div>※ MARK(No.4) LEG : 350<D≤1300 → 65*65*8 E.A LEG : D>1300 → 75*75*9 E.A</div></div>																																																							
PP	P9	UH	ZO	L	D	SU	U	SB	B	S1	S2	(2)	(3)	(4)	(5)	(6)	(7)	POR NO	SEQ.																																																																		
01	042	416412100	1	A1S5	O				3360	200	160	270	250	30	1300		10	6			6			53.2	H27	01	S11P	VLHS11P01																																																									
02	042	416412100	1	A1S5					3360	200	160	270	250	30	1300		10	6			6			53.2	H27	02	S11S	VLHS11S01																																																									
03	042	416412100	1	A1S5					1640	165	100	250	80	30			5	4			4			26.9	H27	03	S11P	VLHS11P02																																																									
04	042	416412100	1	A1S5					1640	165	100	250	80	30			5	4			4			26.9	H27	04	S11S	VLHS11S02																																																									
05	042	416412100	1	A1S5					1340	165	160	290	80	30			4	4			4			22.7	H27	05	S11P	VLHS11P03																																																									
06	042	416412100	1	A1S5					1340	165	160	290	80	30			4	4			4			22.7	H27	06	S11S	VLHS11S03																																																									
07	042	416412100	1	A1S5					1680	165	175	290	100	30			5	4			4			27.3	H27	07	S11P	VLHS11P04																																																									
08	042	416412100	1	A1S5					1680	165	175	290	100	30			5	4			4			27.3	H27	08	S11S	VLHS11S04																																																									
09	042	416412100	1	A13S5					3770	165	160	110	100	30	1780		12	6			6			58.9	H27	09	S11P	VLHS11P05																																																									
10	042	416412100	1	A13S5					3770	165	160	110	100	30	1780		12	6			6			58.9	H27	10	S11S	VLHS11S05																																																									
11	042	416412100	1	A13S5					1890	165	50	210	100	30			6	4			4			30.6	H27	11	S11P	VLHS11P06																																																									
12	042	416412100	1	A13S5					1890	165	50	210	100	30			6	4			4			30.6	H27	12	S11S	VLHS11S06																																																									
13	042	416412100	1	A13S5					2520	165	160	110	230	100		005	8	4			4			39.3	H27	13	S11P	VLHS11P07																																																									
14	042	416412100	1	A13S5	O				2520	165	160	110	230	100			8	4			4			39.3	H27	14	S11S	VLHS11S07																																																									
15	042	416412100	1	A13	O				제 작 도 면 참 조								7	4			2			36.3	H27	15	D82C	VLHD82C01																																																									
16	042	416412100	1	A1				O	2180	230	250	110	80	30			7	4			4			35.9	H27	16	H14C	VLHH14C01																																																									
17	042	416412100	1	A1				O	2180	230	250	110	80	30			7	4			4			35.9	H27	17	H14C	VLHH14C02																																																									
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20	042	416412100	1	A1S5				O	4220	377	160	110	80	30	1850		13		6			6		78.6	H27	20	F11C	VLHF11C01																																																									
21	042	416412100	1	A1S5				O	4220	377	160	110	80	30	1850		13		6			6		78.6	H27	21	F11C	VLHF11C02																																																									
22	042	416412100	1	A1S2	O				제 작 도 면 참 조								5	4						28.6	H27	22	F11C	VLHF11C03																																																									
23	042	416412100	1	A1S2	O				제 작 도 면 참 조								10	5	1		2			90.5	H27	23	F11C	VLHF11C04																																																									
24	042	416412100	1	A1S2	O				제 작 도 면 참 조								5	4						28.6	H27	24	F11C	VLHF11C05																																																									
* A1S5,A13S5 TYPE의 PAD 재질은 LT강 임. → 강재 사급 A1S5,A13S5 TYPE																	MARK NO. MARKING										TYPE			P	W	<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>						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																																																																																
06		PAD	9.0	460LF-M32S		0.35 Kg/EA	<div><div></div><div>VLH</div><div></div><div></div></div>		PROJECT NO.		SERIAL NO. OF BLOCK		BLOCK NO.		A1(S5)		340	350	A13(S5)		330	350	A1S2		340	400																																																											
07		PAD	9.0	460LF-M32S		0.53 Kg/EA																																																																															

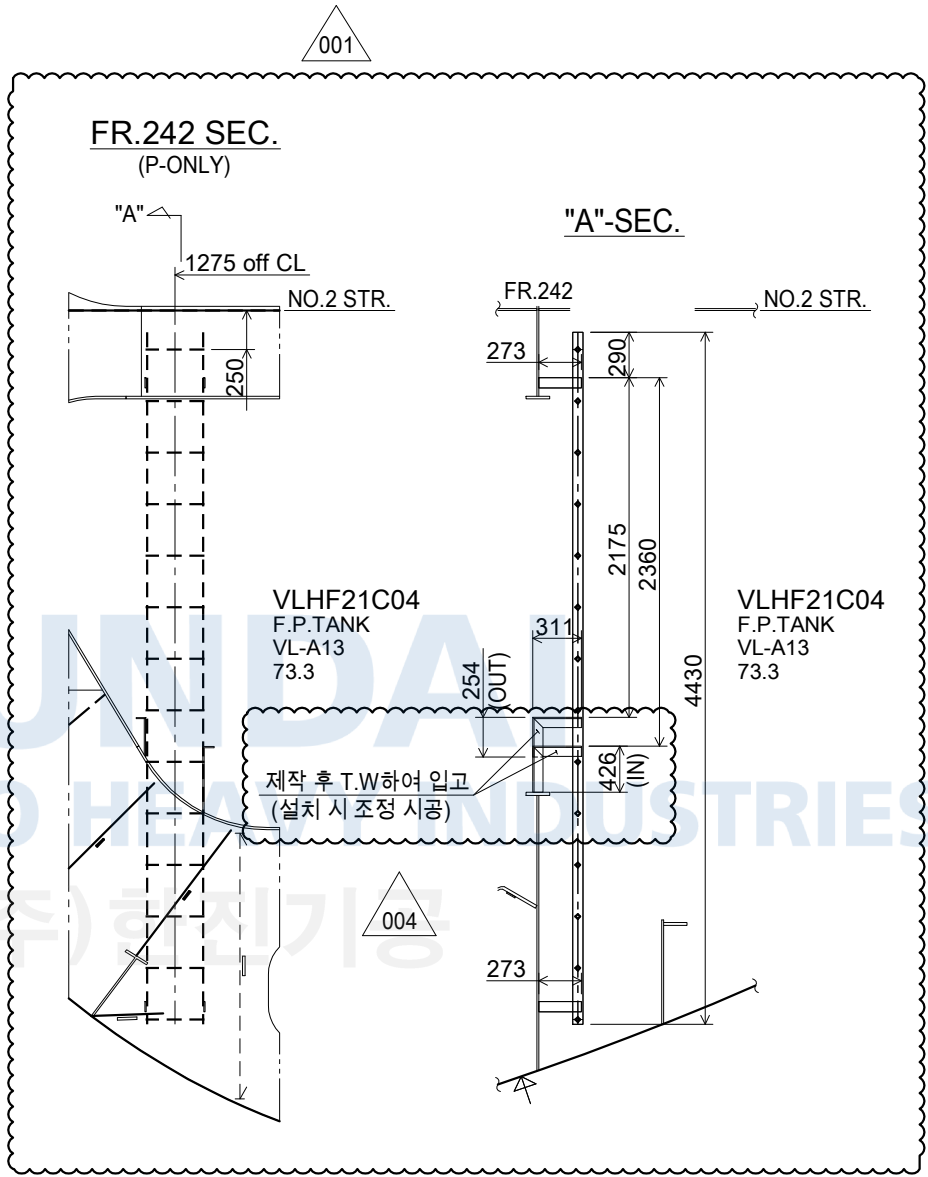
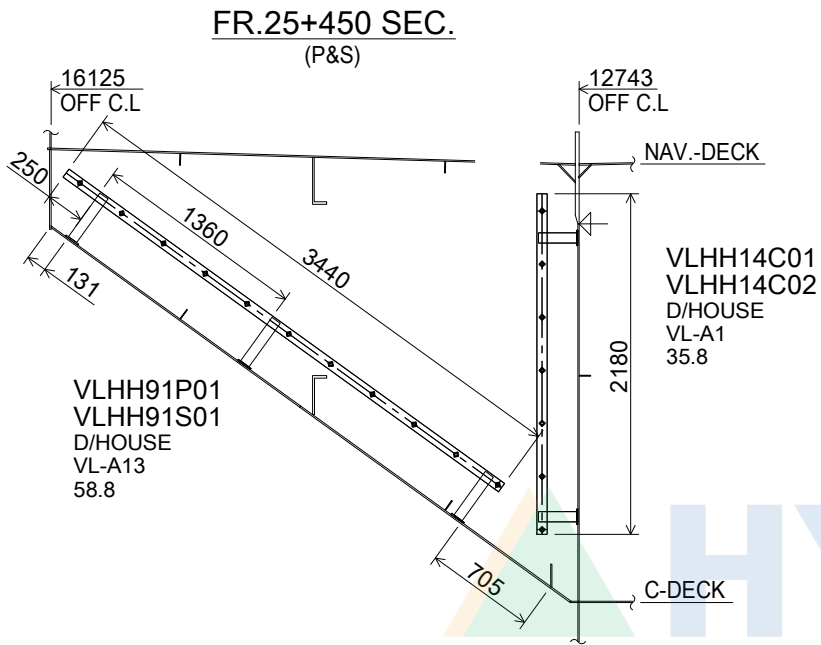
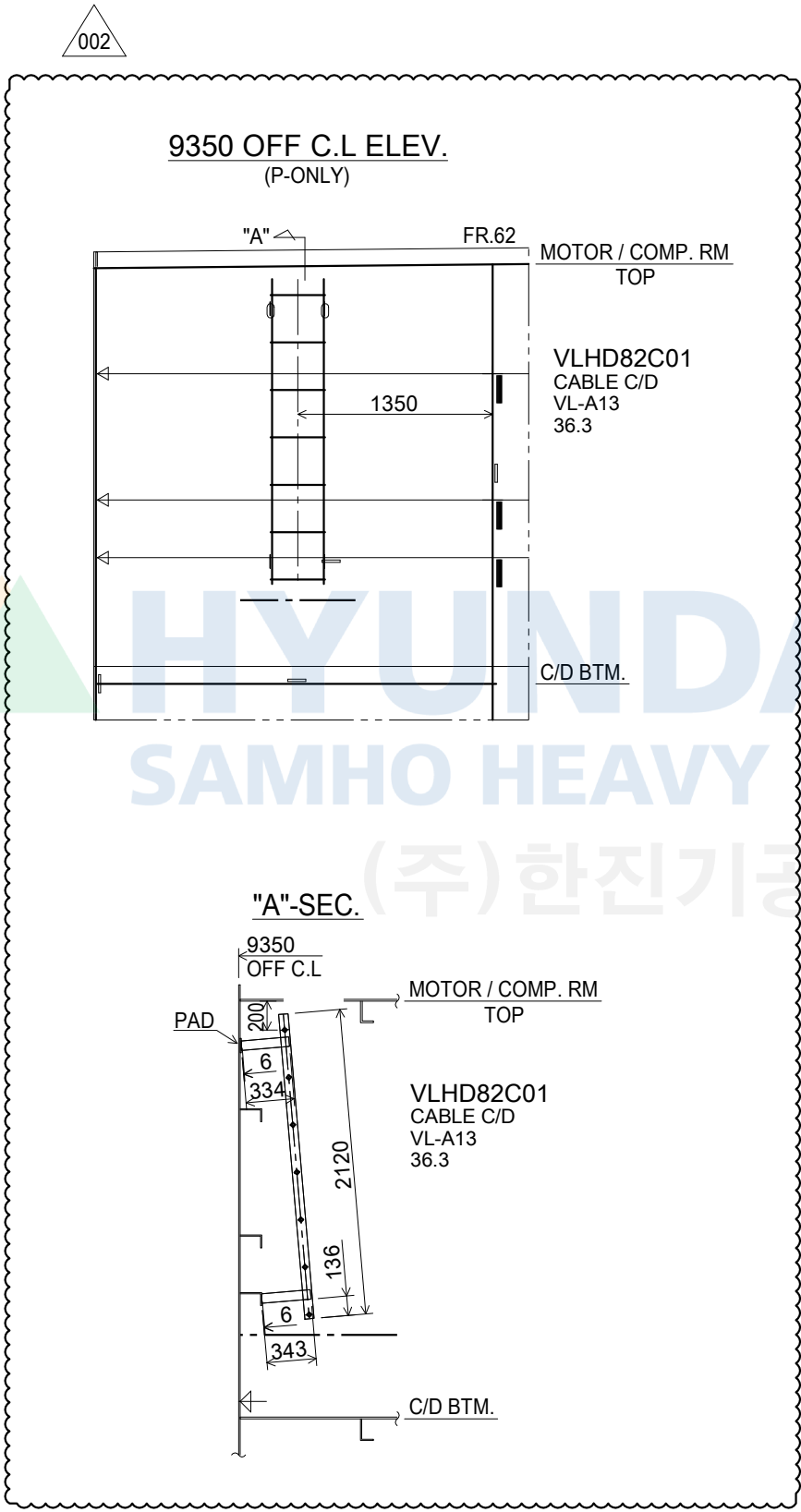
8124-VERT-19-R4

VERTICAL LADDER MFG. LIST

예산대구분	PROJECT NO.		발행부서	작성 자 사번		DATE	DWG.NO	PAGE
6016	8124		B111000	W126191		20220411	S11P5015H	2
	8125-8129		구조설계부	김성경	T : 4787			4

[illegible]

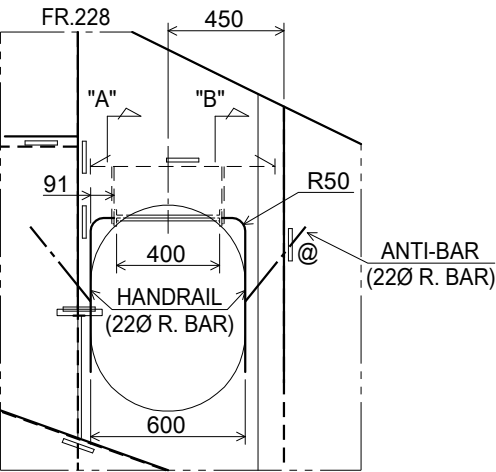
					※ MARK(No.4)	
					LEG : 350<D≤1300 → 65°65*8 E.A	
					LEG : D>1300 → 75°75*9 E.A	
7	PAD	9.0	SS400		Kg / EA	
6	PAD	9.0	SS400		Kg / EA	
5	LEG	85*9	SS400		Kg / M	
4	※ LEG	65°65*8/75°75*9	SS400		Kg / M	
3	LEG	65*9	SS400		Kg / M	
2	STEP	22*22	SS400		Kg / M	
1	SIDE FRAME	65*9	SS400	2	Kg / M	
NO	DESCRIPTION	SIZE	MAT'L	Q'TY/ST	WEIGHT	



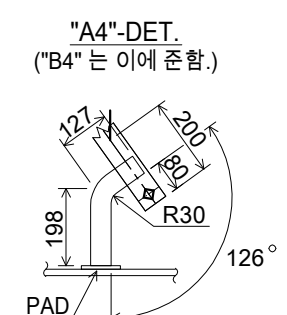
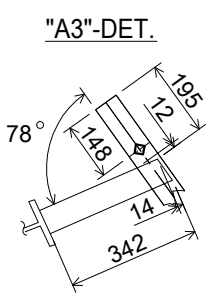
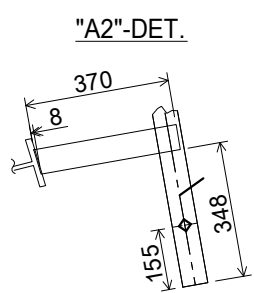
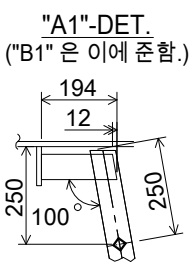
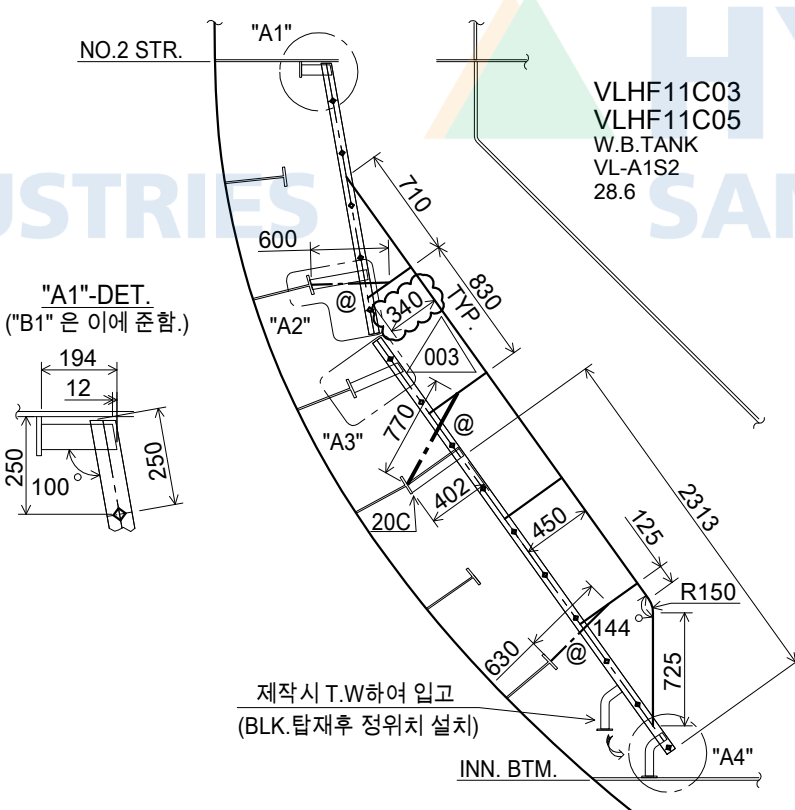


SHIP NO.	8124 - 8129	4
BLK NO.	S11P5015H	4

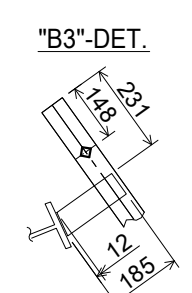
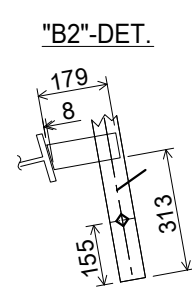
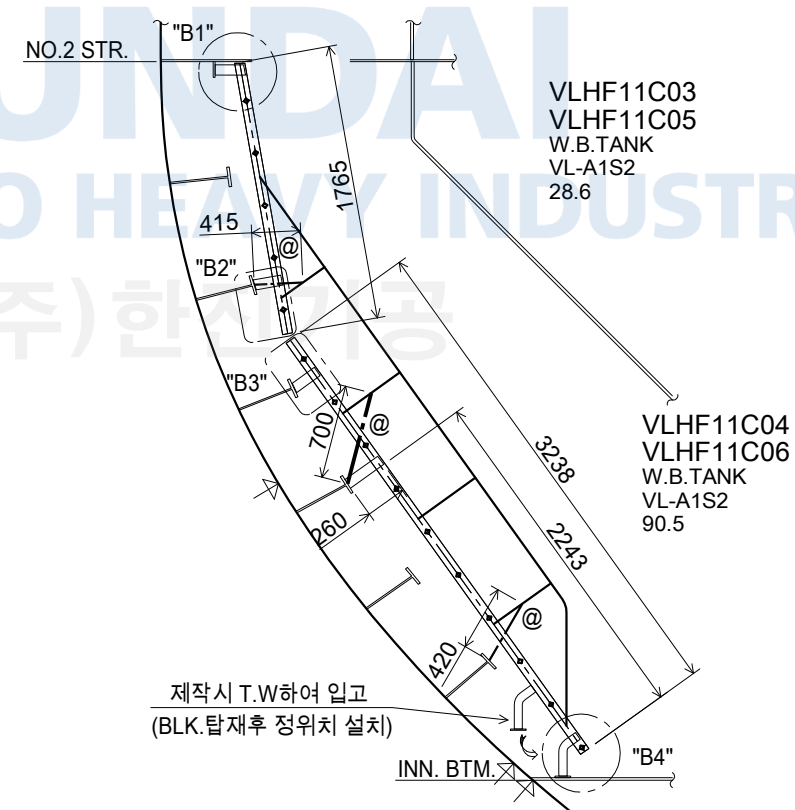
NO.2 STR. PLAN
(P&S)



"A"-SEC.
@ : 제작시 본체 고박하여 입고



"B"-SEC.
@ : 제작시 본체 고박하여 입고



8124-VER-PDRH27-02-R3



				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	A1S5	O				3360	200	160	270	250	30	1300		10	6			6				53.20	S11P	VLHS11P01	20		53.20						
5	02	416412100	1	A1S5					3360	200	160	270	250	30	1300		10	6			6				53.20	S11S	VLHS11S01	20		53.20						
6	03	416412100	1	A1S5					1640	165	100	250	80	30			5	4			4				26.90	S11P	VLHS11P02	10		26.90						
7	04	416412100	1	A1S5					1640	165	100	250	80	30			5	4			4				26.90	S11S	VLHS11S02	10		26.90						
8	05	416412100	1	A1S5					1340	165	160	290	80	30			4	4			4				22.70	S11P	VLHS11P03	8		22.70						
9	06	416412100	1	A1S5					1340	165	160	290	80	30			4	4			4				22.70	S11S	VLHS11S03	8		22.70						
10	07	416412100	1	A1S5					1680	165	175	290	100	30			5	4			4				27.30	S11P	VLHS11P04	10		27.30						
11	08	416412100	1	A1S5					1680	165	175	290	100	30			5	4			4				27.30	S11S	VLHS11S04	10		27.30						
12	09	416412100	1	A13S5					3770	165	160	110	100	30	1780		12	6			6				58.90	S11P	VLHS11P05	24		58.90						
13	10	416412100	1	A13S5					3770	165	160	110	100	30	1780		12	6			6				58.90	S11S	VLHS11S05	24		58.90						
14	11	416412100	1	A13S5					1890	165	50	210	100	30			6	4			4				30.60	S11P	VLHS11P06	12		30.60						
15	12	416412100	1	A13S5					1890	165	50	210	100	30			6	4			4				30.60	S11S	VLHS11S06	12		30.60						
16	13	416412100	1	A13S5					2520	165	160	110	200	100			8	4			4				39.30	S11P	VLHS11P07	16		39.30						
17	14	416412100	1	A13S5	O				2520	165	160	110	200	100			8	4			4				39.30	S11S	VLHS11S07	16		39.30						
18	15	416412100	1	A1		O			제 작 도 면 참 조								7	4			2				35.30	D82C	VLHD82C01	14	35.30							
19	16	416412100	1	A1			O		2180	230	250	110	80	30			7	4			4				35.90	H14C	VLHH14C01	14	35.90							
20	17	416412100	1	A1			O		2180	230	250	110	80	30			7	4			4				35.90	H14C	VLHH14C02	14	35.90							
21	18	416412100	1	A13			O		제 작 도 면 참 조								11	6			6				58.80	H91P	VLHH91P01	22	58.80							
22	19	416412100	1	A13			O		제 작 도 면 참 조								11	6			6				58.80	H91S	VLHH91S01	22	58.80							
23	20	416412100	1	A1S5			O		4220	377	160	110	80	30	1850		13		6			6			78.60	F11C	VLHF11C01	26	78.60							
24	21	416412100	1	A1S5			O		4220	377	160	110	80	30	1850		13		6			6			78.60	F11C	VLHF11C02	26	78.60							
25	22	416412100	1	A1S2	O				제 작 도 면 참 조								5	4							28.60	F11C	VLHF11C03	10		28.60						
26	23	416412100	1	A1S2	O				제 작 도 면 참 조								10	5	1		2				90.50	F11C	VLHF11C04	20		90.50						
27	24	416412100	1	A1S2	O				제 작 도 면 참 조								5	4							28.60	F11C	VLHF11C05	10		28.60						
28	25	416412100	1	A1S2	O				제 작 도 면 참 조								10	5	1		2				90.50	F11C	VLHF11C06	20		90.50						
29	26	416412100	1	A13	O				4350	232	160	110	150	280	2000		13	6			6				67.50	F11C	VLHF11C07	26		67.50						
30	27	416412100	1	A1	O				제 작 도 면 참 조								16	4	2						87.10	F11C	VLHF11C08	32		87.10						
31	28	416412100	1	A1		O			1500	150	160	110	80	30			5	4			4				25.40	F11C	VLHF11C09	10	25.40							
32	29	416412100	1	A1		O			1500	150	160	110	80	30			5	4			4				25.40	F11C	VLHF11C10	10	25.40							
33	30	416412100	1	A13	O				1050	232	160	30	80	30			4	4			4				21.30	F11C	VLHF11C11	8		21.30						