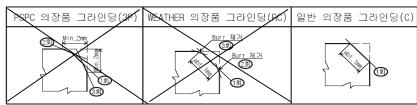
	I							
		PLAN HISTORY						
DATE	REV. NO.	DESCRIPTION	DRAWN	CHECKED	APPROVED			
2023-01-10	0	*8158/59/60 호선 LADDER & PLATFORM(T-BOX) 제작 도면으로 작성함.	김 남 곤	전 성 제	이 석 동			
2023. 03. 03	001	8158/59/60호선 적용 1. PAINT SPEC. 수정(P.01)	김 남 곤	전 성 제	이 석 동			
	V	JNDAI SAMHO HEAVY	INIDI	CTD	IEC			
1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	SI TISTAL HEAVY	INDU	SIK	IE2			
		(주)한진기공						

PAINTING	SPEC.	SPEC. 특기사항			SUPPLIER		
ITEM	II.	N SIDE & OUT SIDE		IN SIDE	OUT SIDE		
ALL	FINAL	SHOP PRIMER	PRIMER				

NOTE

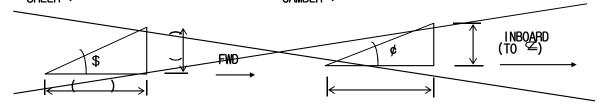
- 1. 본도는 MFG. OF LADDER & PLATFORM(T-BOX) 제작 도면임.
- 2. 모서리 부분은 하기와 같이 GRINDING 할 것.



- 3. 용접은 특기외 하기 표 참조하고 연속 용접 할 것.
- * THE LEG LENGTH OF FILLET WELD TO BE AS FOLLOWS.

======		_ ,	/ 10	. 0==00	•				
MAL'T THICKNESS	4.5	6	7~8	9~10	11~12	13	14~15	16~18	19~20
LEG LENGTH	3	4	4.5	5	5.5	6	7	7.5	9

4. 제작 시 DECK 상의 SHEER (\$: /)와 CAMBER (¢: 도면참조)를 필히 적용할 것. SHEER: CAMBER :



- 5. 한 도면에서 서로 상이부분이 있거나 제작상 문제점 발생시 필히 당부와 협의/확정 후 제작 완료할 것.
- 6. 본 도면상에 표기된 자재 중 SS400 ,단조품(SF자재) 및 용접되는 주강품(SC42)은 탄소(C) 함유량이 0.23% 이하가 되어야 함에 유의할 것 (자재 MILL SHEET 제출 요). 또한, 주강품은 용접 시 PRE-HEATING(200℃) 한 후 용접하여 용접균열을 방지할 것. 7. BOLT 길이는 NUT 체결후 ABT. 2-3 산이 남도록 할 것.
- 8. 이름/경고판 시공기준 : 모든 이름/경고판은 전면에 페인트나 신나에 녹지않는 비닐테이프 부탁한 상태로 뒤집어 조립하고, 그 후면에 도어 또는 밴트(VENT) 이름을 매직펜으로 기록하여 입력하고, 야드에서 정방향 설치시 나사산의 위치가 불일치 되지 않도록 구멍의 간격을 잘 유지 하여 입고 할 것.(이름, 경고판 재질 : SUS316 & SUS316 SCREW BOLT)
- 9. 그리스 니쁠 : JIS B1575 A-PT1/8" BALL TYPE 허버 캡을 씌울 것.(재질 : 브라스(BRASS) 10. P. 0. R NO. : JT4

986.1 KG/SHIP 11. TOTAL WEIGHT :

(표지 포함 15 매)

DEP'T.	SHIP NO.	SHIP TYPE
B126	8158 - 8160	7,900 TEU CLASS CONTAINER CARRIER
TEL.	부서명	도면 명
2893	선 장 설 계 부	
승 인 검 도 작 성	이 석 동 전 성 제 김 남 곤	LADDER & PLATFORM 제작도 (NO.7F HOLD ~ NO.4A HOLD)
		도면 번호 T12T0-B21-56BB- 001
HYU	INDAI SAMHO HEAVY INDUSTRIES CO., LTD. SAMHO SHIPYARD, KOREA	날 짜 2023-01-10



製作仕樣書(외주구매용)

- 1. GALV. 두께 : HOT DIP GALV. 55~80 μ(단, BOLT/NUT류는 45~65 μ 시공)
- 2. GREASE NIPPLE은 FULL GREASING하고 규정된 고무 CAP을 씌울것.
- 3. SS400이 아닌 재질의 BOLT/NUT는 재질을 PUNCHING할것.
- 4. 도장 : 유첨 SPEC.에 준하되 특히 DECK에 취부되는 부위는 DECK OR WALL에서 15mm까지는 SHOP PRIMER 시공할 것.
- 5. HOT GALV. : DECK/WALL에서 취부되는 부위는 DECK/WALL에서 15mm까지는 Alkyd Resin MP-C1(KCC) Coating 하여 도금이 되지 않도록 할것.



- 6. GALV.용 HOLE 시공할 경우는 GALV.후 메공하고 GALV. 손상부위 수정 후 입고할 것.
- 7. 납품 시 P.O.R SHEET와 유첨도를 첨부할 것.
- 8. MAKER CERTIFICATE (특수재료는 MILL SHEET) 를 첨부할 것.
- 9. 무도장으로 입고되는 품목으로서 그 품목의 일부분이 도금이 되어있는 경우는 SHOT BLASTING으로부터 도금부분이 훼손되지 않도록 보호 MASKING을 하여 입고할 것. (단, 도금표면에 다시 PAINTING하는 경우는 제외됨)
- 10. 의장품 자재 PALLET 고박용 번선 및 고박 ITEM에 대한 묶음 WIRE(철사)는 필히 부식 방지용 COATING WIRE를 사용하여 입고시킬 것.
- 11. 의장품 자재 입고시 상.하.좌.우로 움직일수 있는 항목들은 상기 10)번항에 의거하여 반드시 고박하여 입고할 것.(안전사고 사전방지)
- 12. 납품 시 하기와 같은 TAG를 식별하기 쉬운 위치에 적의 부착하여 입고할 것.
 - 1) 용접선 있는 자재는 용접선 부근 50mm 이내 PAINT MARKER 마킹 적용 (설치 후 은폐 도장작업 쉽게 하기 위함)
 - 2) 용접선 없는 자재는 자재 인식표(TAG) 또는 안티 울트라테이프에 마킹 후 부착 (자재 TAG 및 안티 울트라테이프 제거는 의장 1,2부에서 실시함)
 - 3) 적용대상 : 강재로 제작되는 모든 철의장품
 - 4) MARKING 방법 : SHIP NO., BLOCK NO., POR NO., MARKING(PC'S) NO.

		ᅰ자꾸	: ## I	납기 LIS	·T	SHIP	NO.	8158 - 8160		01	
		세약품		H/ LIS)	DWG	NO.	T12T0)-B21-56BB-		
P.O.R NO	SEQ NO	вьоск	STAGE	MARK NO	DESCRIPTION	ON	PAINT CODE	Q'TY /SHIP	WEIGHT (KG/SET)	설치부서	
JT4	1	T71P0	CS	VL-701FP	VERTICAL LAI	DDER	P1	1	27.0	BX1	
	2	T71P0	CS	VL-702FP	VERTICAL LAI	DDER	P1	1	26.0	"	
	3	T71P0	CS	VL-703FP	VERTICAL LAI	DDER	PE }	1	69.4	"	
	4	T71S0	CS	VL-701FS	VERTICAL LAI	DDER	P1	1	27.0	"	
	5	T71S0	CS	VL-702FS	VERTICAL LAI	DDER	P1	1	26.0	"	
	6	T71S0	CS	VL-704FS	VERTICAL LA	DDER	P1	1	74.7	· ·	
	7	T11P0	CS	VL-601FP	VERTICAL LA	DDER	P1	1	25.6	· ·	
	8	T11S0	CS	VL-601FS	VERTICAL LA	DDER	P1	1	25.6	"	
	9	T11S0	CS	VL-602FS	VERTICAL LA	DDER	P1	1	74.7	"	
	10	T21P0	CS	VL-501AP	VERTICAL LA	DDER	P1	1	25.6	"	
	11	T21S0	CS	VL-501AS	VERTICAL LAI	DDER	P1	1	25.6	"	
	12	T21S0	CS	VL-502AS	VERTICAL LAI	DDER	P1	1	34.3	"	
	13	T21S0	CS	VL-503AS	VERTICAL LAI	DDER	P1	ыb	48.8	"	
	14	T12P0	CS	VL-501FP	VERTICAL LAI	DDER	P1	1	25.6	"	
	15	T12S0	CS	VL-501FS	VERTICAL LAI	DDER	P1	1	25.6	IRIES	
	16	T12S0	CS	VL-505FS	VERTICAL LAI	DDER	P1	1	34.0	"	
	17	T12S0	CS	VL-506FS	VERTICAL LAI	DDER	P1	1	49.0	"	
	18	T22P0	CS	VL-401AP	VERTICAL LAI	DDER	P1	1	26.6	"	
	19	T22P0	CS	VL-402AP	VERTICAL LAI	DDER	P1	1	25.6	"	
	20	T22P0	CS	VL-403AP	VERTICAL LAI	DDER	P1	1	71.9	"	
	21	T22S0	CS	VL-401AS	VERTICAL LAI	DDER	P1	1	26.6	"	
	22	T22S0	CS	VL-402AS	VERTICAL LAI	DDER	P1	1	25.6	"	
	23	S127L(P)	BS	VL-504AP	VERTICAL LAI	DDER	P1	1	26.6		
	24	S127L(S)	BS	VL-504AS	VERTICAL LAI	DDER	P1	1	26.6		
	25	E51P0	C 1	VL-606AS	VERTICAL LAI	DDER	P1	1	36.4	DK1	
	26	T22P0	CS	PF-401AP	PLATFORM	Л	P1	1	75.7	BX1	

SHIP NO. 8158 - 8160 02

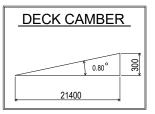
			DWG
Q'TY	WEIGHT(KG)	REMARK	
1	27.0	본도제작	

대칭제작

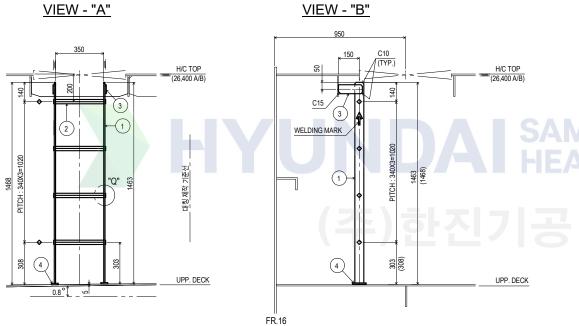
27.0

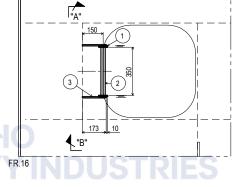
설치 BLOCK

T71P0, T71S0



<u>PLAN</u>





DETAIL OF "Q"

BLOCK NO.

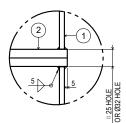
T71P0

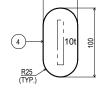
T71S0

MARK NO.

VL-701FP

VL-701FS





4	PAD	10t PLATE	SS400	2	2.5	
3	LUG	65 X 9t F.B	SS400	2	4.8	
2	STEP	22 SQ.BAR	SS400	4	5.7	
1	SIDE FRAME	65 X 9t F.B	SS400	2	14.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

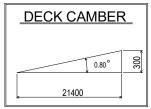


SHIP NO. 8158 - 8160 03

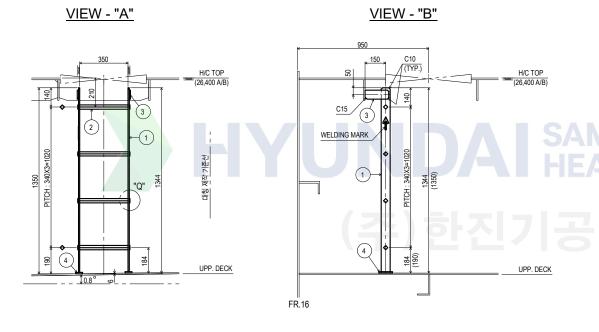
DWG NO. T12T0-B21-56BB

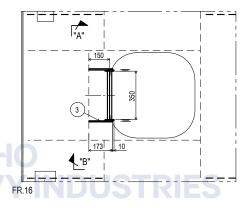
LOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK	
T71P0	VL-702FP	1	26.0	본도제작	Г
T71S0	VI -702FS	1	26.0	대칭제작	

설치 BLOCK T71P0, T71S0

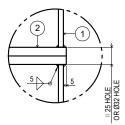


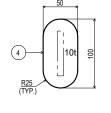
PLAN



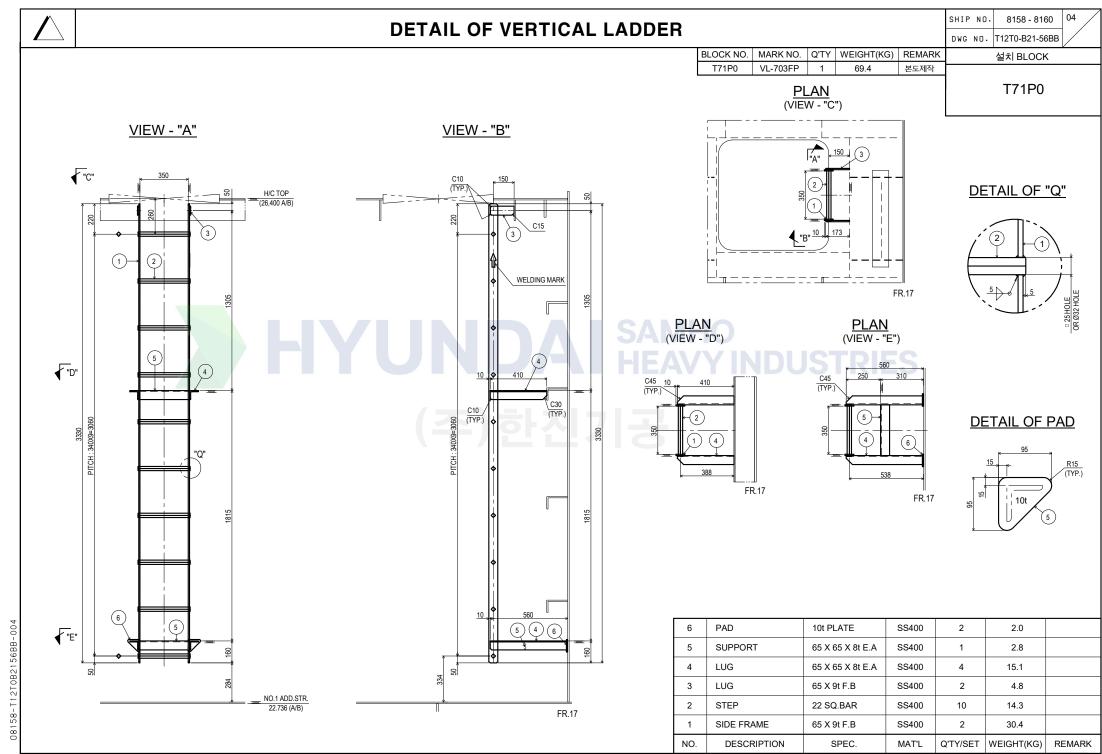


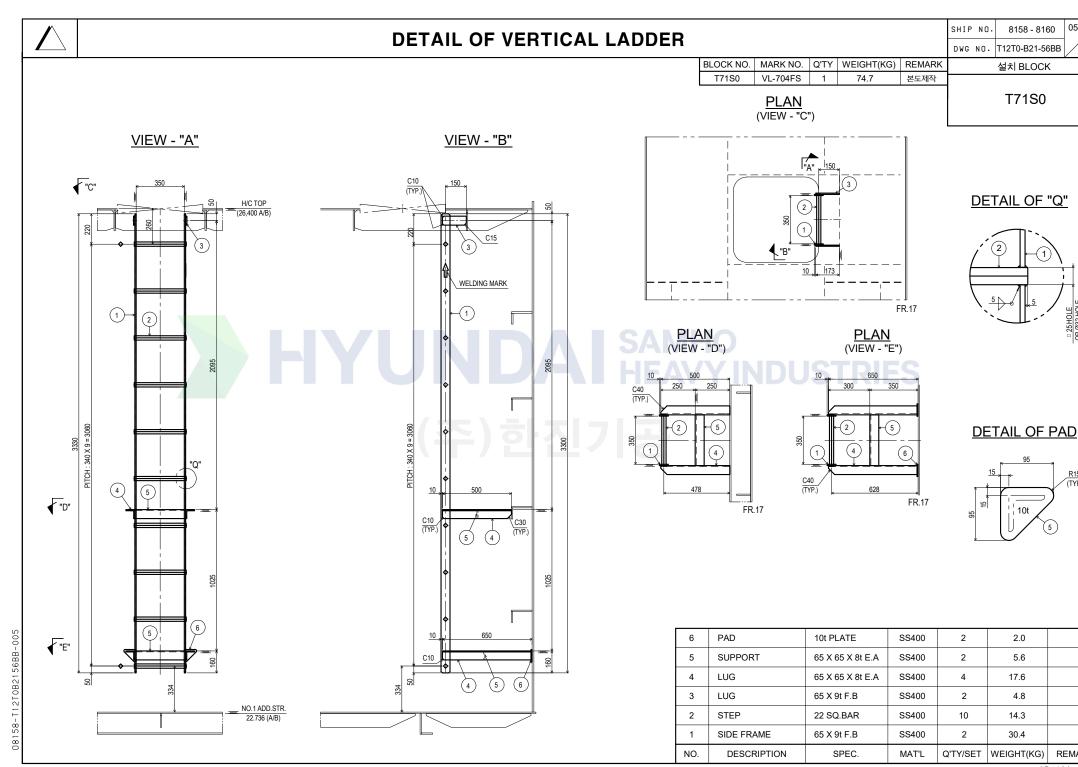
DETAIL OF "Q"





4	PAD	10t PLATE	SS400	2	2.5	
3	LUG	65 X 9t F.B	SS400	2	4.8	
2	STEP	22 SQ.BAR	SS400	4	5.7	
1	SIDE FRAME	65 X 9t F.B	SS400	2	13.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK





2.0

5.6 17.6

4.8

14.3

30.4

8158 - 8160

T12T0-B21-56BB

설치 BLOCK

T71S0

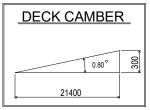
SHIP NO. 8158 - 8160 0

DWG NO. T12T0-B21-56BB

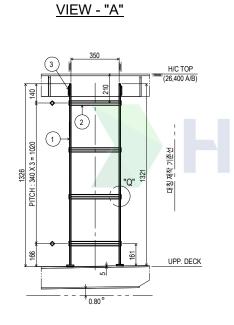
					_
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK	ſ
T11P0	VL-601FP	1	25.6	본도제작	ŀ
T11S0	VL-601FS	1	25.6	대칭제작	l

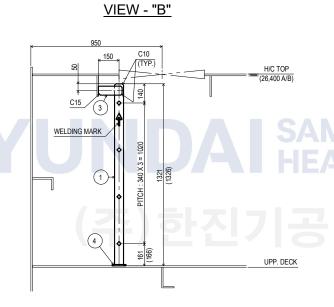
설치 BLOCK

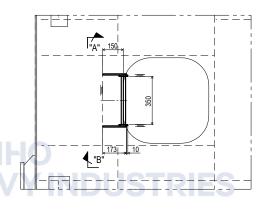
T11P0, T11S0



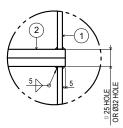
<u>PLAN</u>



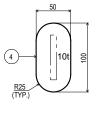




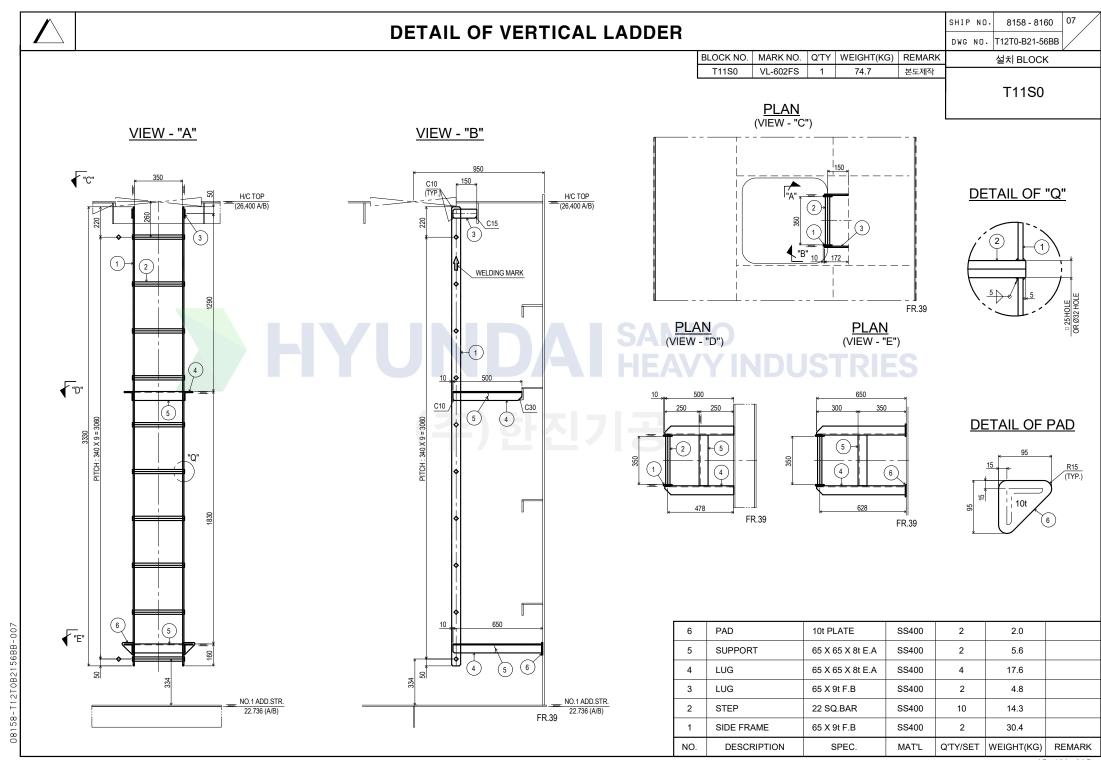
DETAIL OF "Q"







4	PAD	10t PLATE	SS400	2	2.5	
3	LUG	65 X 9t F.B	SS400	2	4.8	
2	STEP	22 SQ.BAR	SS400	4	5.7	
1	SIDE FRAME	65 X 9t F.B	SS400	2	12.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK





DECK CAMBER

21400

300

159

0.8°

UPP. DECK

FR.43

0.80°

DETAIL OF VERTICAL LADDER

SHIP NO. 8158 - 8160

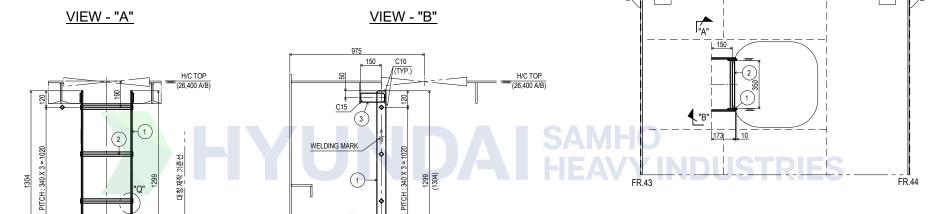
DWG NO. T12T0-B21-56BB

설치 BLOCK

REMARK	WEIGHT(KG)	Q'TY	MARK NO.	LOCK NO.
본도제작	25.6	1	VL-501AP	T21P0
대칭제작	25.6	1	VL-501AS	T21S0
본도제작	25.6	1	VL-501FP	T12P0
대칭제작	25.6	1	VL-501FS	T12S0

T21P0, T21S0 T12P0, T12S0

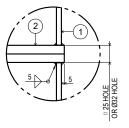
PLAN



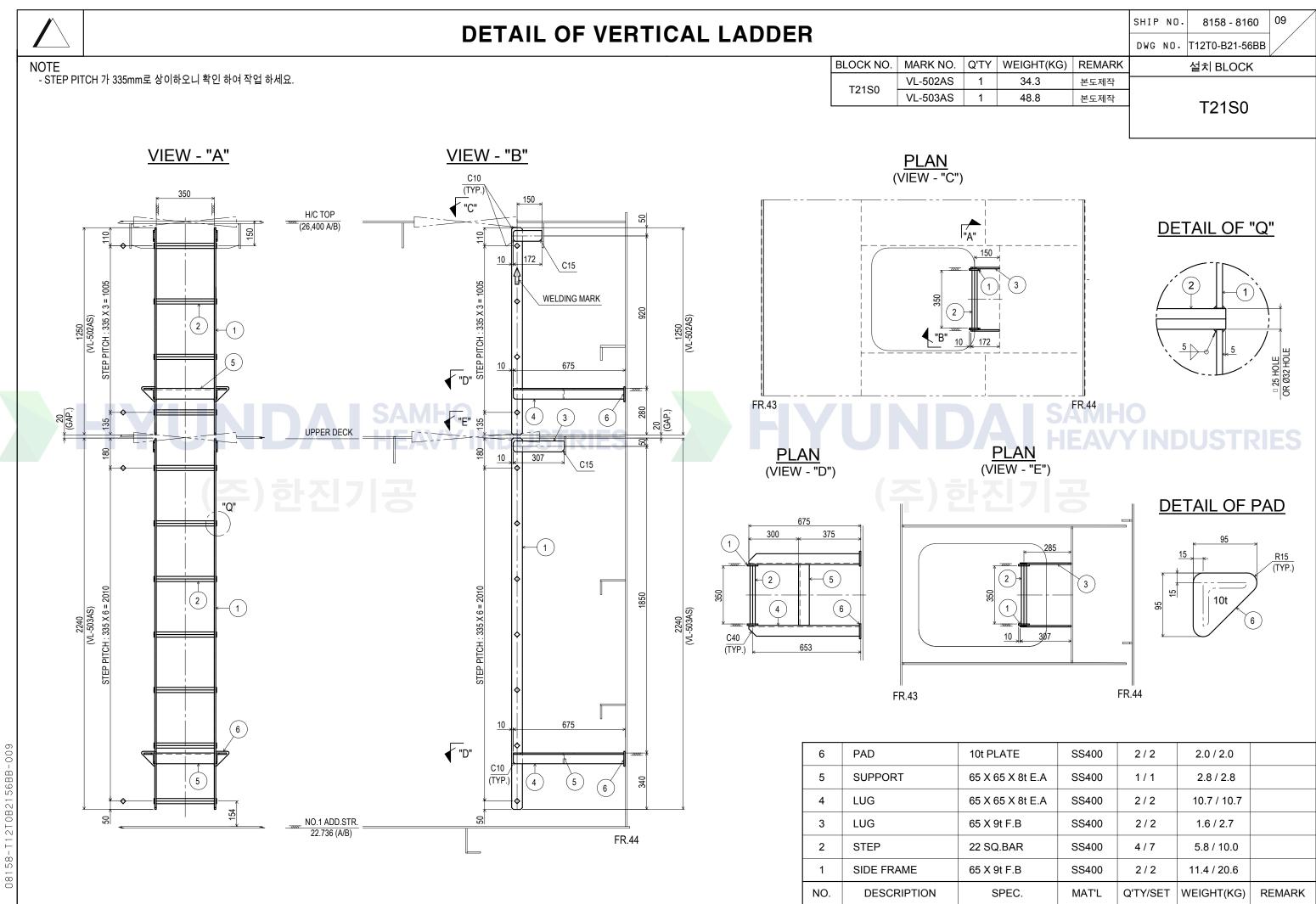
UPP. DECK

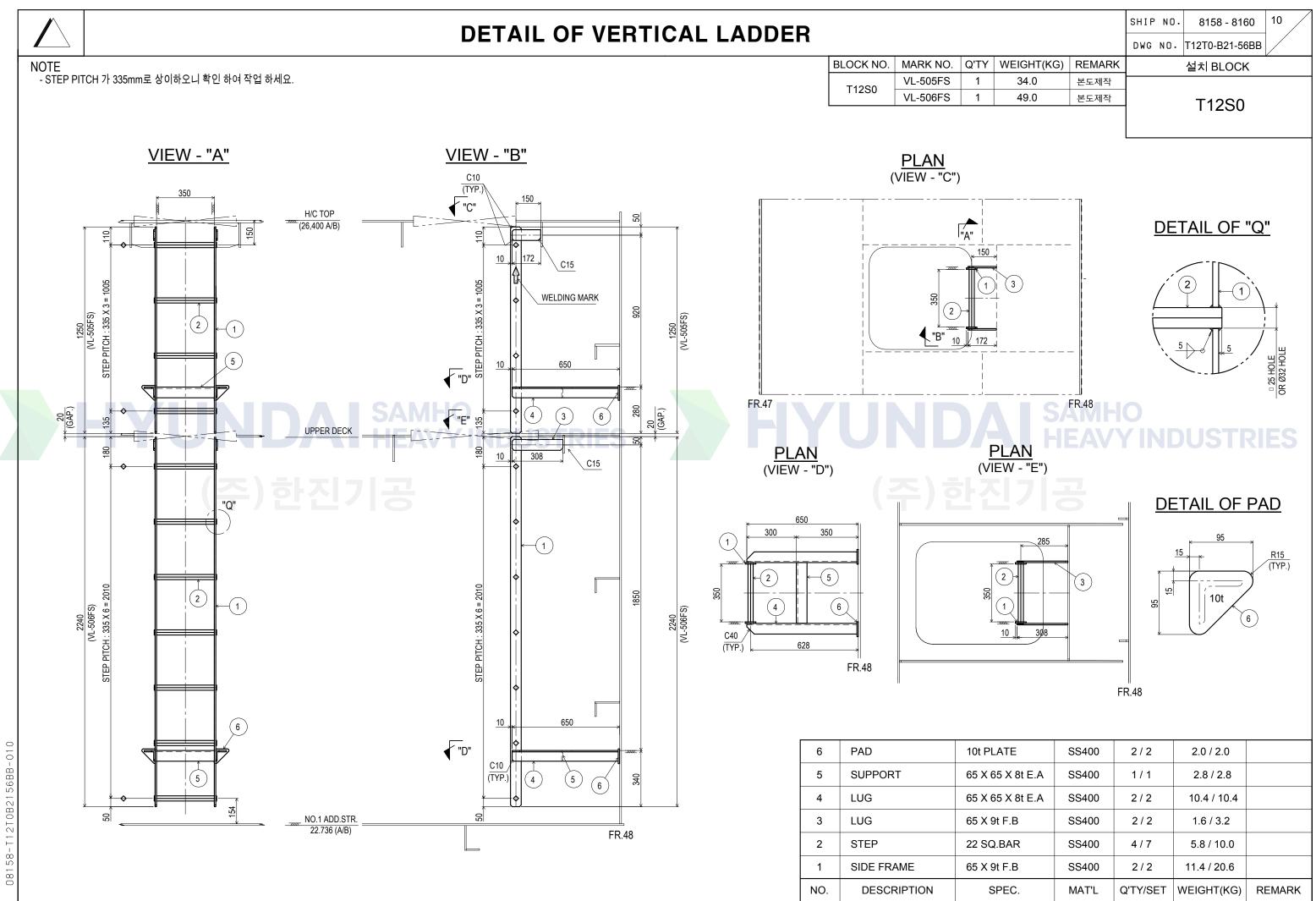
DETAIL OF "Q"





	4	PAD	10t PLATE	SS400	2	2.5	
	3	LUG	65 X 9t F.B	SS400	2	4.8	
	2	STEP	22 SQ.BAR	SS400	4	5.7	
	1	SIDE FRAME	65 X 9t F.B	SS400	2	12.6	
	NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



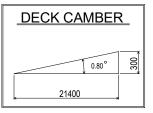


SHIP NO. 8158 - 8160

DWG NO. T12T0-B21-56BB

설치 BLOCK

T22P0, T22S0 S127L(P), S127L(S)



PLAN

Q'TY WEIGHT(KG)

26.6

26.6

26.6

26.6

REMARK

본도제작

대칭제작

본도제작 대칭제작

BLOCK NO.

T22P0

T22S0

S127L(P)

S127L(S)

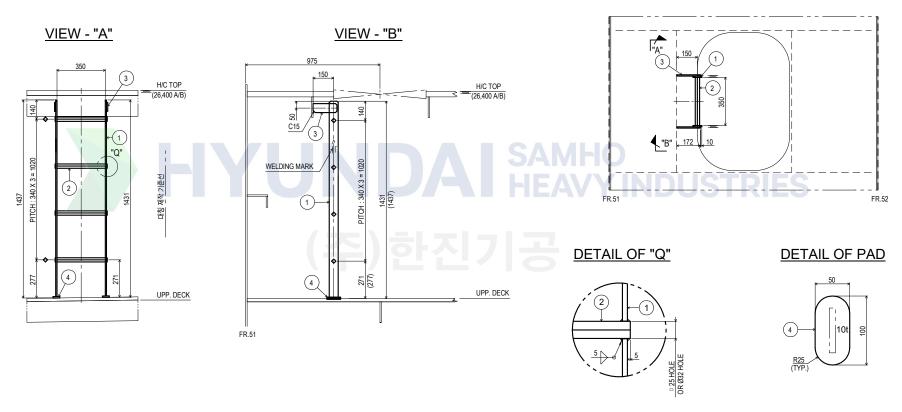
MARK NO.

VL-401AP

VL-401AS

VL-504AP

VL-504AS



4	PAD	10t PLATE	SS400	2	2.5	
3	LUG	65 X 9t F.B	SS400	2	4.8	
2	STEP	22 SQ.BAR	SS400	4	5.7	
1	SIDE FRAME	65 X 9t F.B	SS400	2	13.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

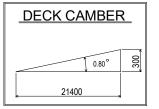


SHIP NO. 8158 - 8160

DWG NO. T12T0-B21-56BB REMARK

설치 BLOCK

T22P0, T22S0



UPP. DECK

PLAN

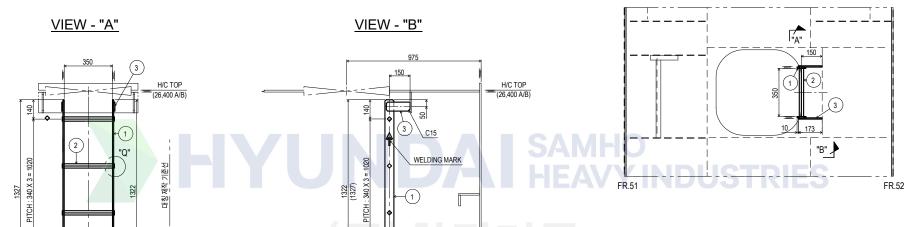
Q'TY WEIGHT(KG)

25.6

25.6

본도제작

대칭제작



UPP. DECK

FR.52

DETAIL OF "Q"

BLOCK NO.

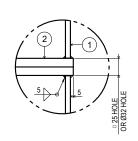
T22P0

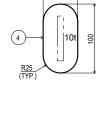
T22S0

MARK NO.

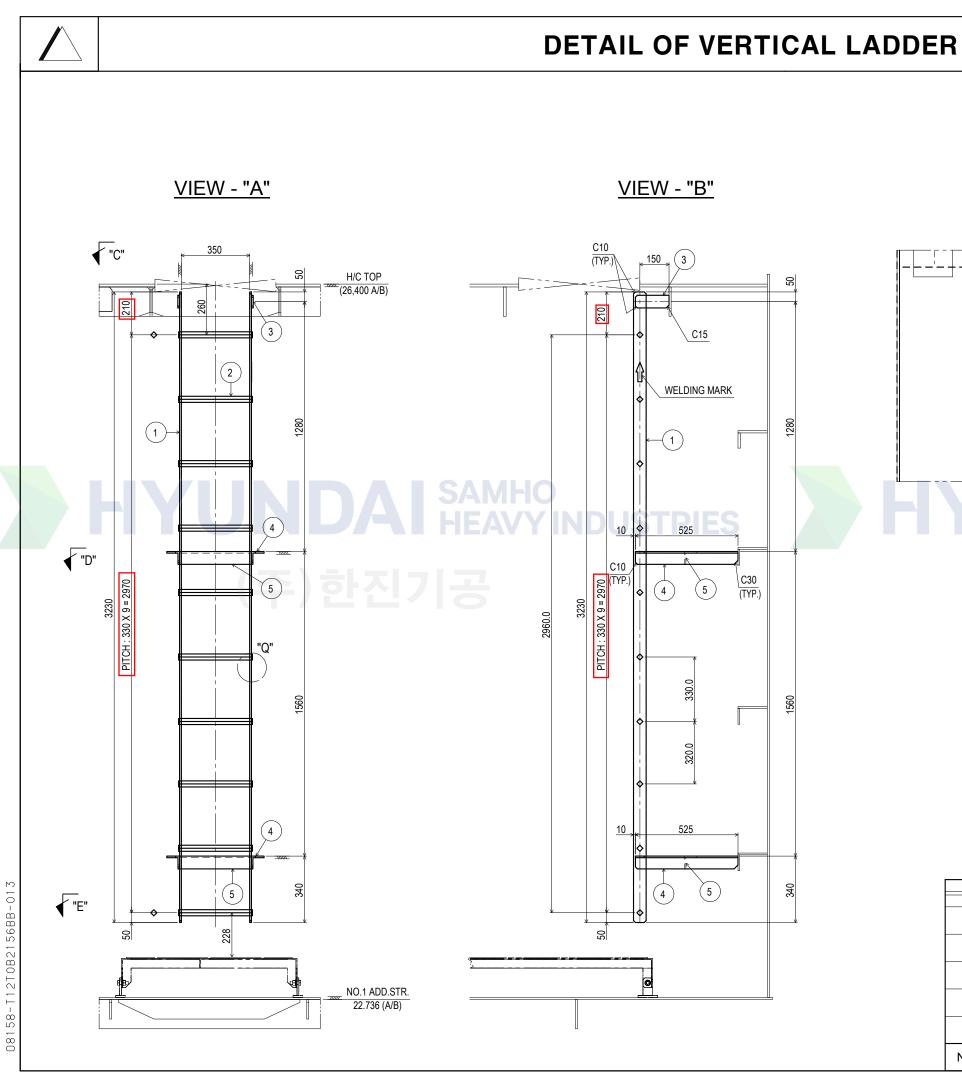
VL-402AP

VL-402AS





4	PAD	10t PLATE	SS400	2	2.5	
3	LUG	65 X 9t F.B	SS400	2	4.8	
2	STEP	22 SQ.BAR	SS400	4	5.7	
1	SIDE FRAME	65 X 9t F.B	SS400	2	12.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

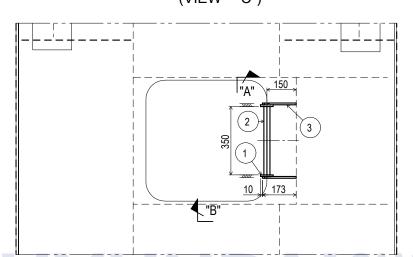




VL-403AP

BLOCK NO. MARK NO.

T22P0



DETAIL OF "Q"

8158 - 8160 | 13

SHIP NO.

Q'TY WEIGHT(KG) REMARK

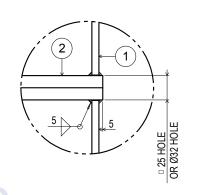
본도제작

71.9

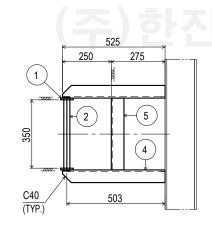
DWG NO. T12T0-B21-56BB

설치 BLOCK

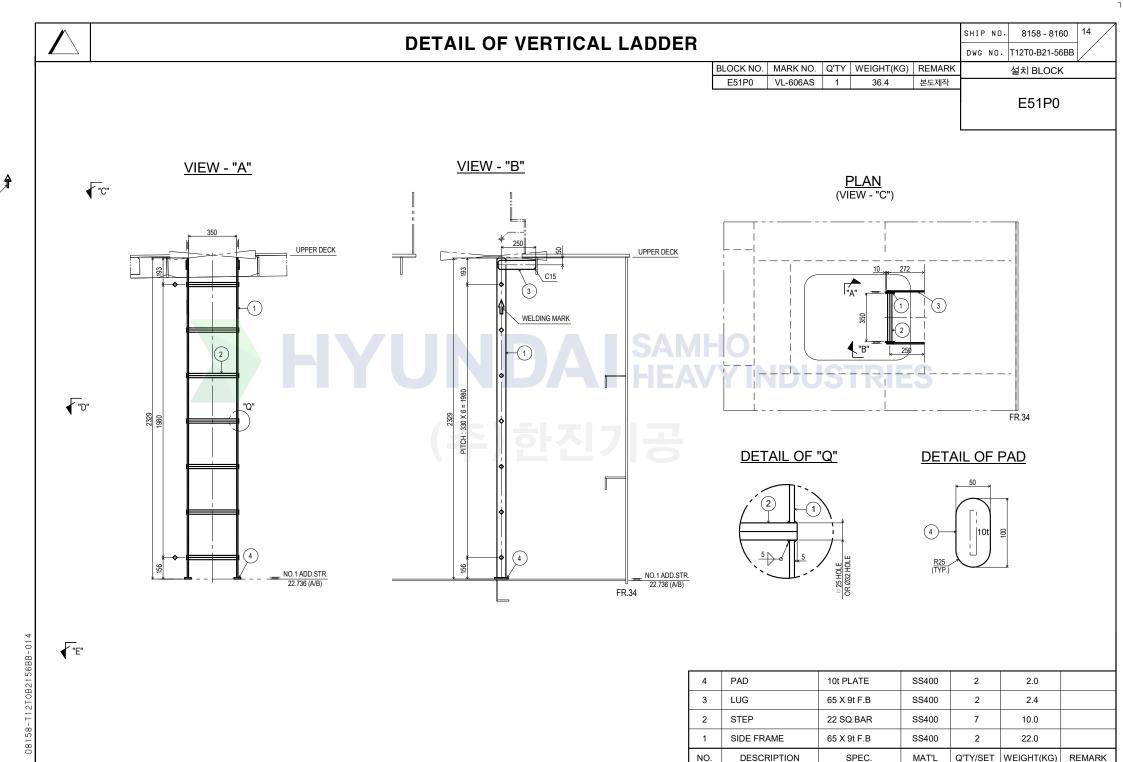
T22P0



PLAN (VIEW - "D")



	6	PAD	10t PLATE	SS400	2	2.0	
	5	SUPPORT	65 X 65 X 8t E.A	SS400	2	5.6	
	4	LUG	65 X 65 X 8t E.A	SS400	4	17.6	
	3	LUG	65 X 9t F.B	SS400	2	4.8	
	2	STEP	22 SQ.BAR	SS400	10	14.3	
	1	SIDE FRAME	65 X 9t F.B	SS400	2	30.4	
	NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



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DETAIL OF PLATFORM

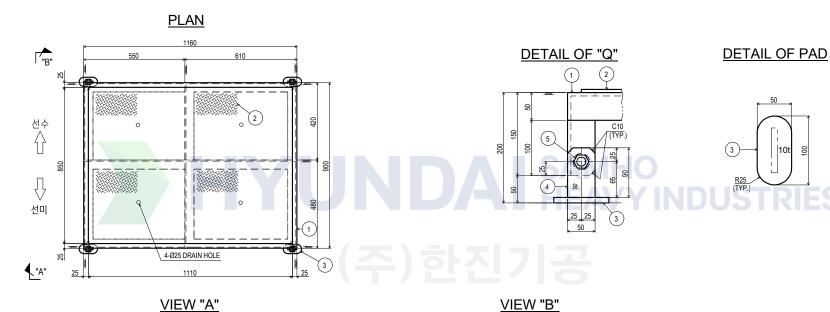
SHIP NO. 8158 - 8160 15

DWG NO. T12T0-B21-56BB

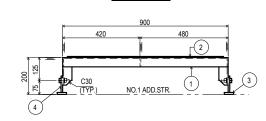
BLOCK NO. MARK NO. Q'TY WEIGHT(KG) REMARK T22P0 PF-401AP 1 75.7 본도제작

설치 BLOCK

T22S0



			1160		
		550	u.	610	
"Q"	<u> </u>	1		[2]	
1					
200	•	Ø 16	NO.1 ADD.STR.	1 4	(3)



5	BOLT/NUT	M14 X 60L	SS400	4	-	
4	LUG	9t PLATE	SS400	4	4.0	
3	PAD	10t PLATE	SS400	4	2.0	
2	CHK. PLATE	6t CHK. PLATE	SS400	1	44.4	
1	FRAME	50 X 50 6t E.A	SS400	6	18.9	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK