

	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

PAINTING SPEC. 특기사항				PAINT SUPPLIER		
	ITEM	IN 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.

PSPC 의장품 그라인딩 (3P)	WEATHER 의장품 그라인딩 (PC)	일반 의장품 그라인딩 (0P)

3. 용접은 특기외 하기 표 참조하고 연속 용접 할 것.

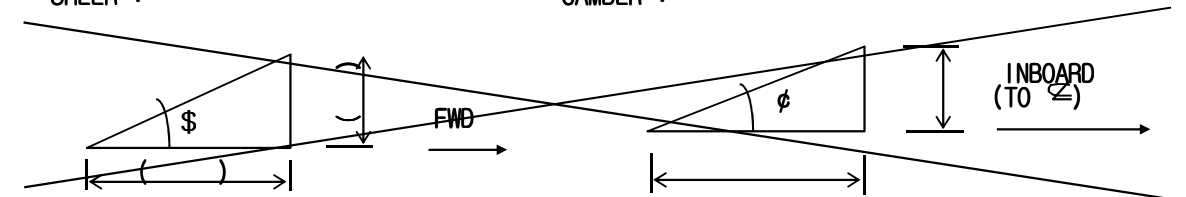
* THE LEG LENGTH OF FILLET WELD TO BE AS FOLLOWS.

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 :

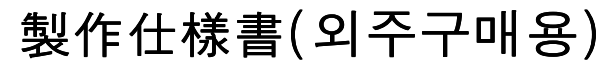
CAMBER :



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 부착한 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 니플 : JIS B1575 A-PT1/8" BALL TYPE 허버 캡을 씌울 것.(재질 : 브라스(BRASS))
10. P. O. R NO. : JT4

11. TOTAL WEIGHT : 986.1 KG/SHIP (표지 포함 15 매)

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



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- Diagram illustrating the painting sequence for a steel structure:
- PAINTING** (Top section, blue area)
 - PAINT & GALV. : 15mm** (Middle section, white area)
 - (SHOP PRIMER OR Alkyd Resin MP-120 (KCC))** (Bottom section, grey area)

- 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.

제품별 납기 LIST

01

T12T0-B21-56BB-

[illegible]



DETAIL OF VERTICAL LADDER

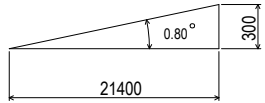
SHIP NO.	8158 - 8160	02
DWG NO.	T12T0-B21-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T71P0	VL-701FP	1	27.0	본도제작
T71S0	VL-701FS	1	27.0	대칭제작

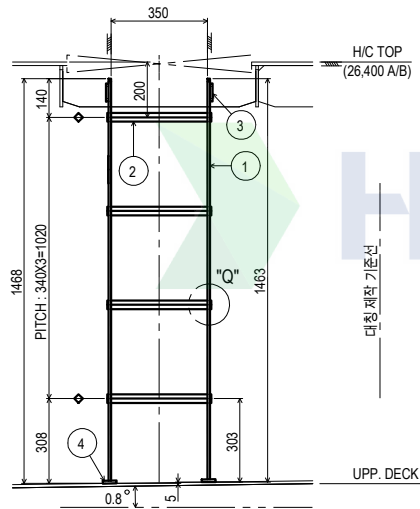
설치 BLOCK

T71P0, T71S0

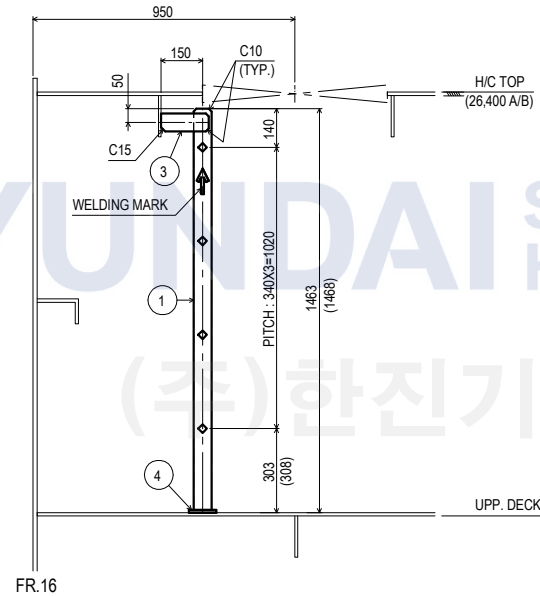
DECK CAMBER



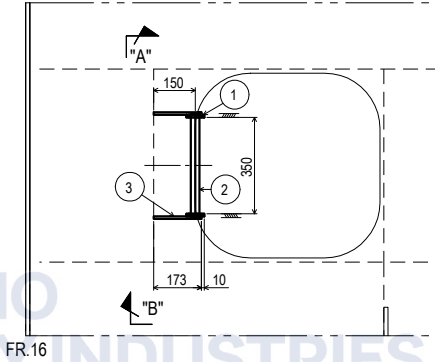
VIEW - "A"



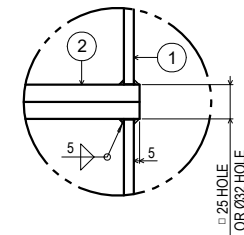
VIEW - "B"



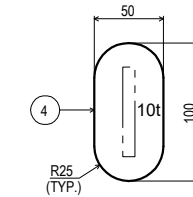
PLAN



DETAIL OF "Q"



DETAIL OF PAD



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



DETAIL OF VERTICAL LADDER

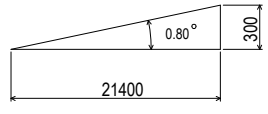
SHIP NO.	8158 - 8160	03
DWG NO.	T12T0-B21-56BB	

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

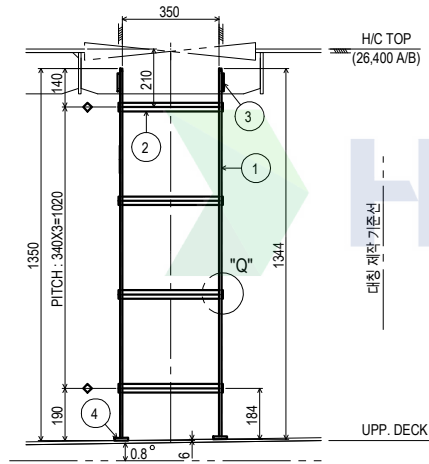
설치 BLOCK

T71P0, T71S0

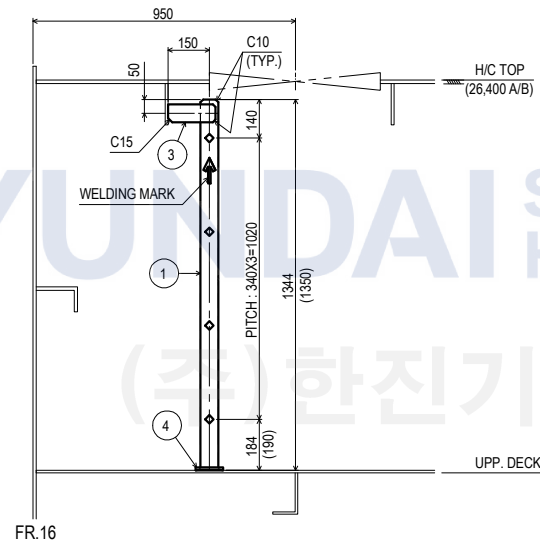
DECK CAMBER



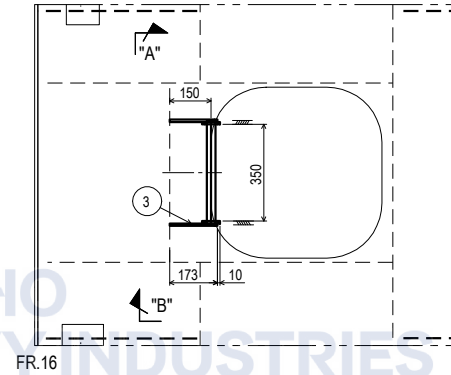
VIEW - "A"



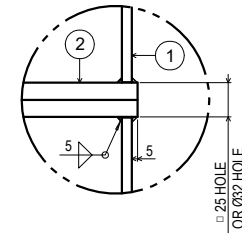
VIEW - "B"



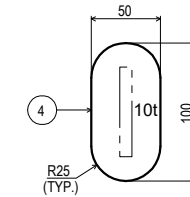
PLAN



DETAIL OF "Q"



DETAIL OF PAD



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



DETAIL OF VERTICAL LADDER

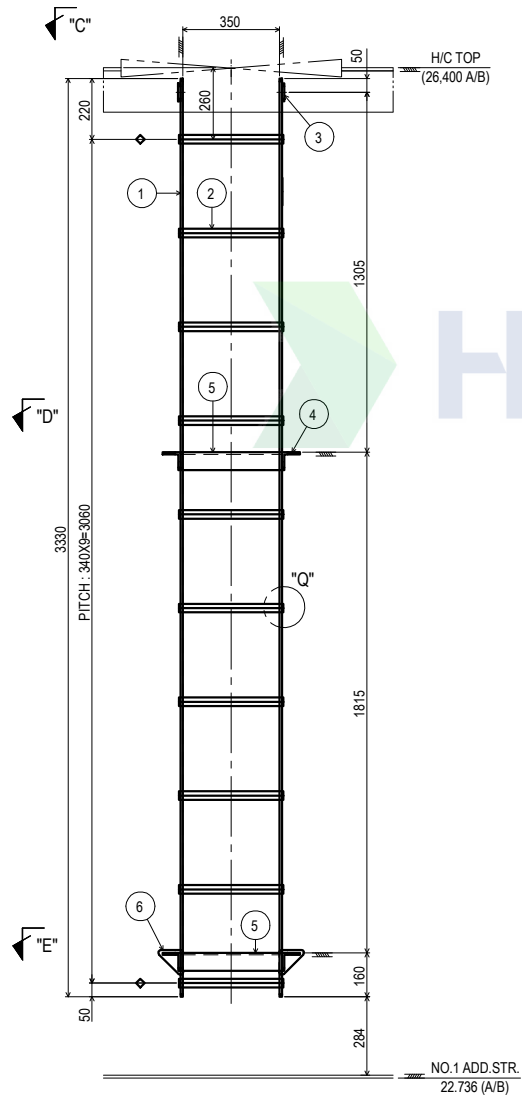
SHIP NO.	8158 - 8160	04
DWG NO.	T12T0-B21-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T71P0	VL-703FP	1	69.4	본도제작

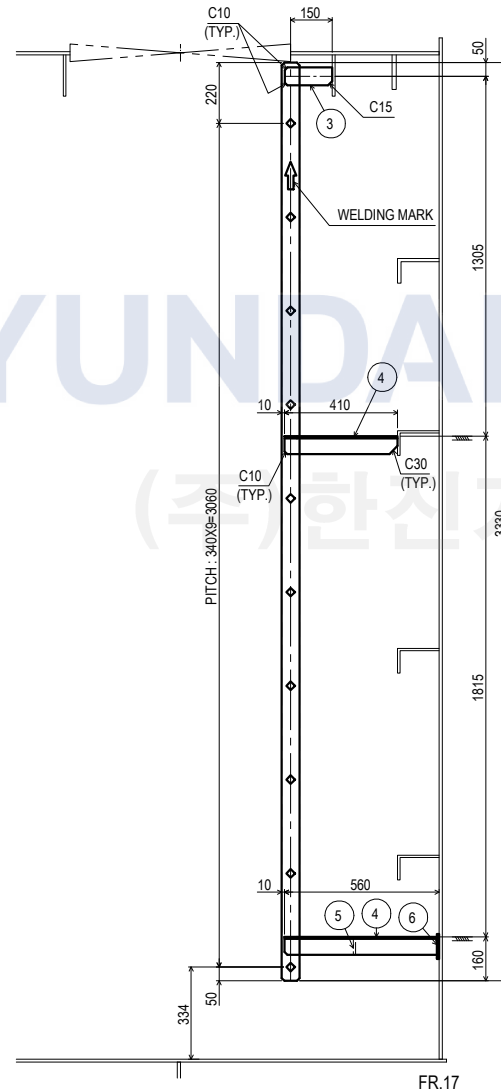
설치 BLOCK

T71P0

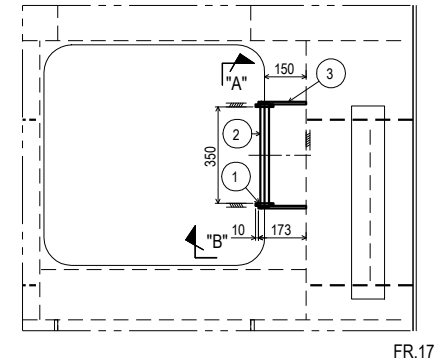
VIEW - "A"



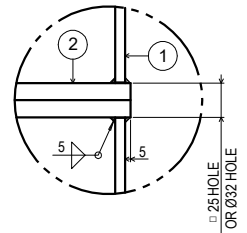
VIEW - "B"



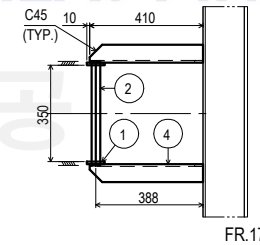
PLAN
(VIEW - "C")



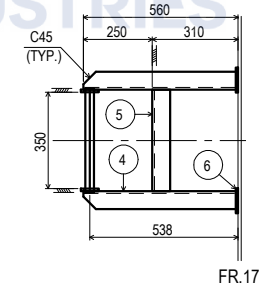
DETAIL OF "Q"



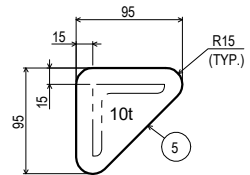
PLAN
(VIEW - "D")



PLAN
(VIEW - "E")



DETAIL OF PAD



6	PAD	10t PLATE	SS400	2	2.0	
5	SUPPORT	65 X 65 X 8t E.A	SS400	1	2.8	
4	LUG	65 X 65 X 8t E.A	SS400	4	15.1	
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



DETAIL OF VERTICAL LADDER

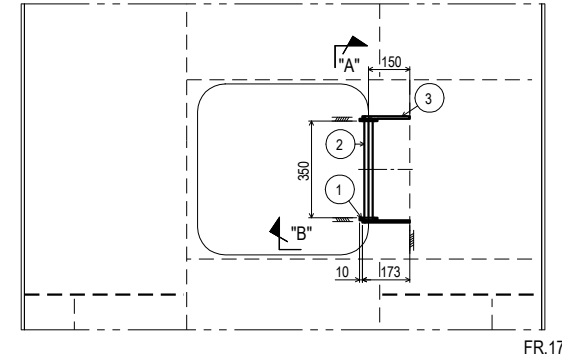
SHIP NO.	8158 - 8160	05
DWG NO.	T12T0-B21-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T71S0	VL-704FS	1	74.7	본도제작

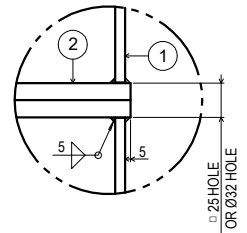
설치 BLOCK

T71S0

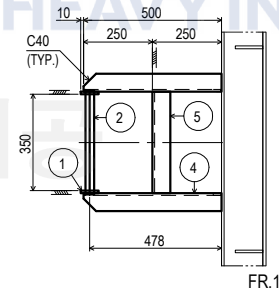
PLAN
(VIEW - "C")



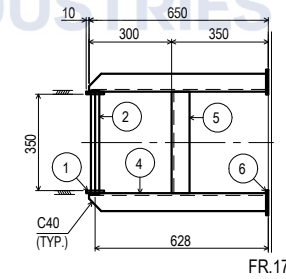
DETAIL OF "Q"



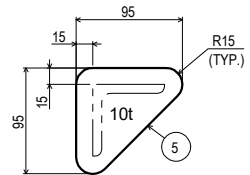
PLAN
(VIEW - "D")



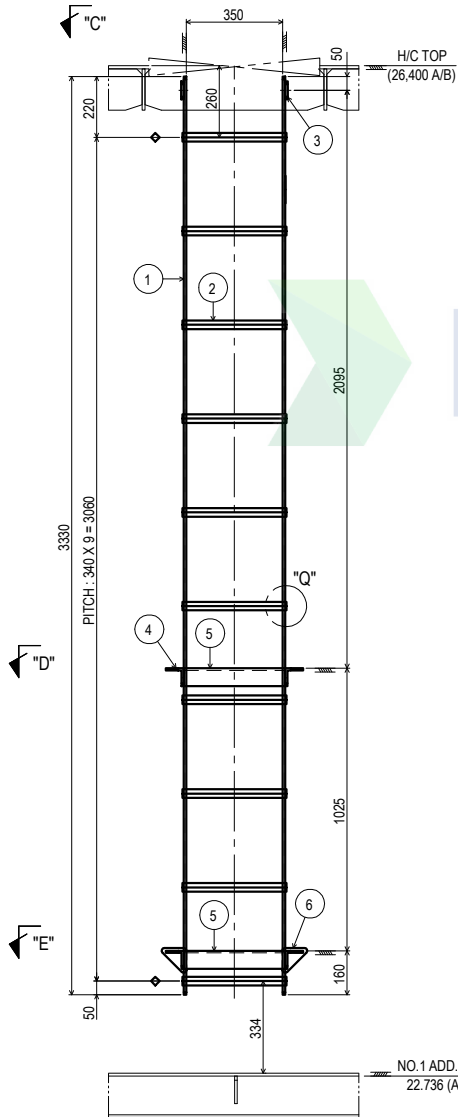
PLAN
(VIEW - "E")



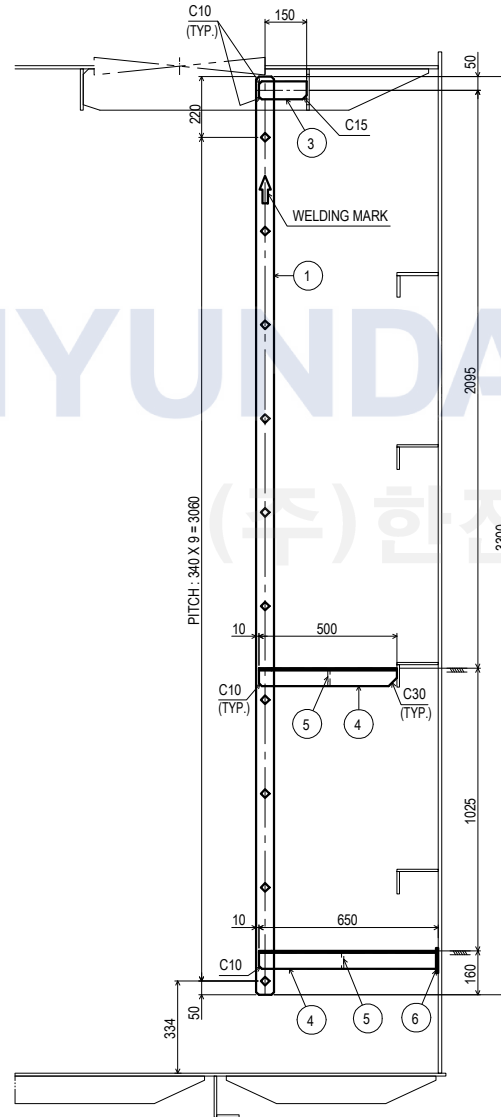
DETAIL OF PAD



VIEW - "A"



VIEW - "B"



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



DETAIL OF VERTICAL LADDER

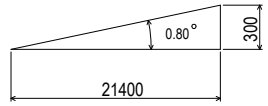
SHIP NO.	8158 - 8160	06
DWG NO.	T12T0-B21-56BB	

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

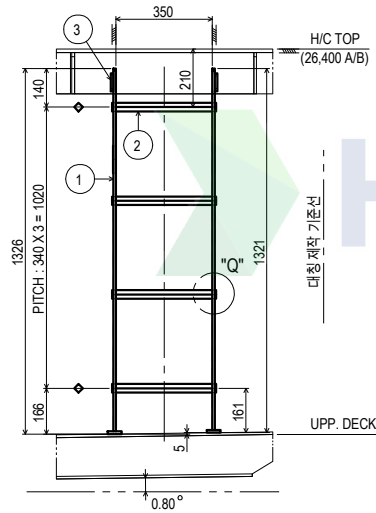
설치 BLOCK

T11P0, T11S0

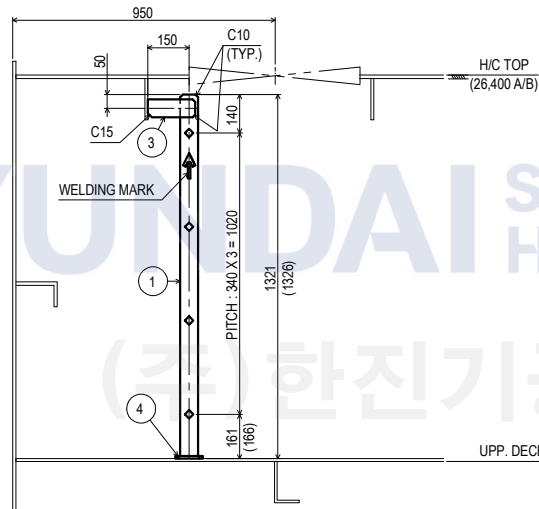
DECK CAMBER



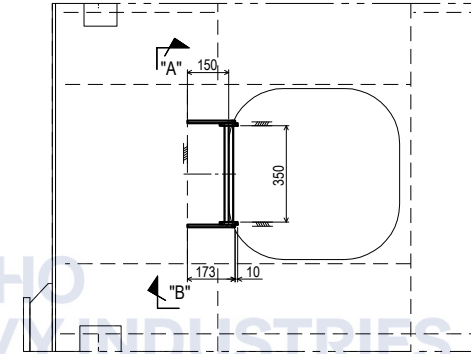
VIEW - "A"



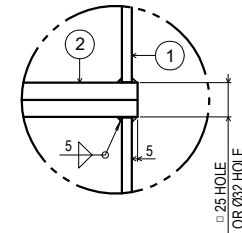
VIEW - "B"



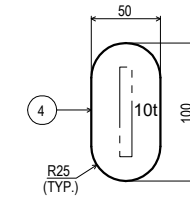
PLAN



DETAIL OF "Q"



DETAIL OF PAD



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

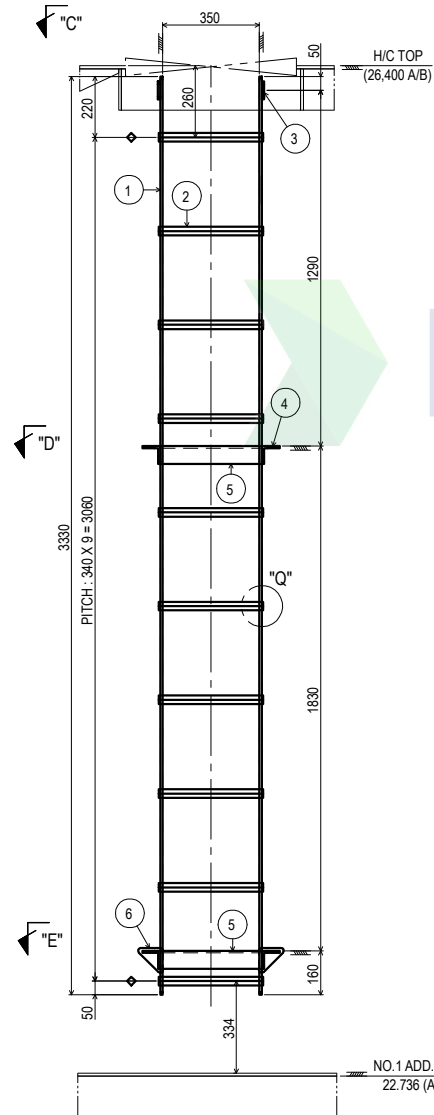


DETAIL OF VERTICAL LADDER

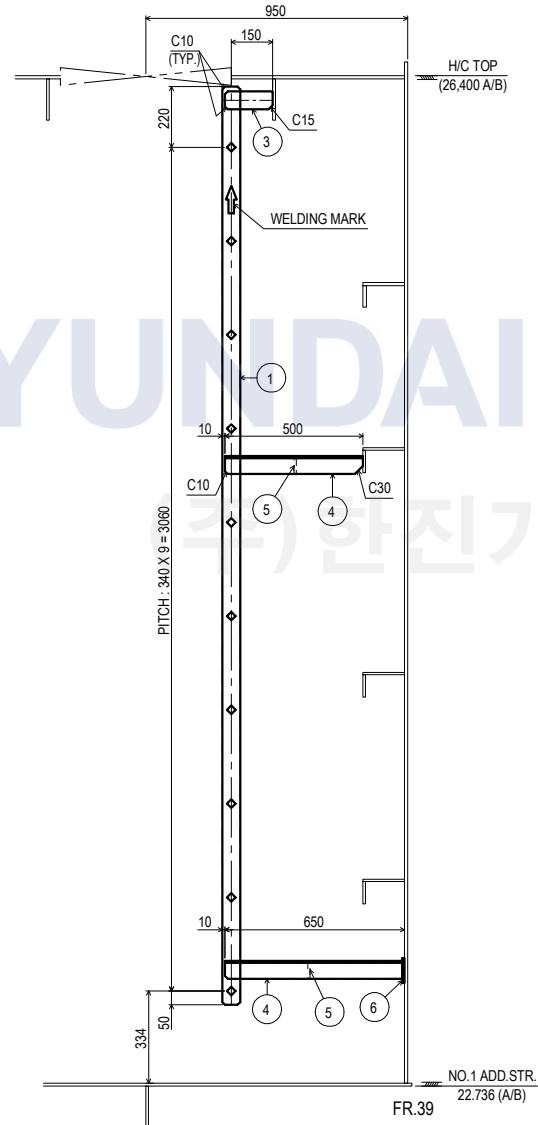
SHIP NO.	8158 - 8160	07
DWG NO.	T12T0-B21-56BB	
설치 BLOCK		
T11S0		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T11S0	VL-602FS	1	74.7	본도제작

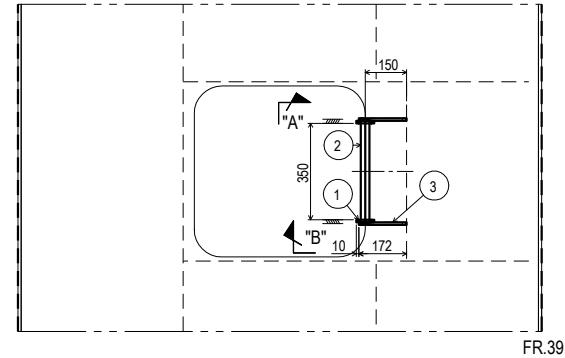
VIEW - "A"



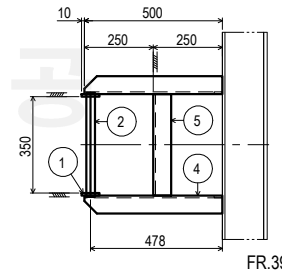
VIEW - "B"



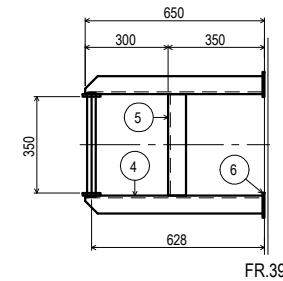
PLAN
(VIEW - "C")



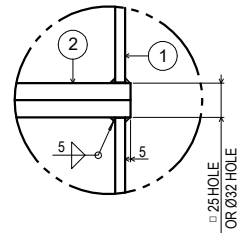
PLAN
(VIEW - "D")



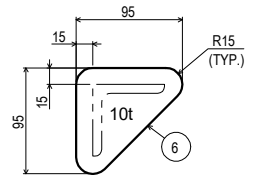
PLAN
(VIEW - "E")



DETAIL OF "Q"



DETAIL OF PAD



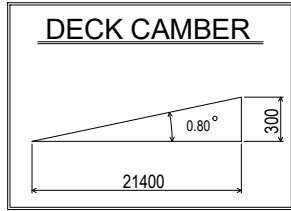
6	PAD	10t PLATE	SS400	2	2.0	
5	SUPPORT	65 X 65 X 8t E.A	SS400	2	5.6	
4	LUG	65 X 65 X 8t E.A	SS400	4	17.6	
3	LUG	65 X 9t F.B	SS400	2	4.8	
2	STEP	22 SQ.BAR	SS400	10	14.3	
1	SIDE FRAME	65 X 9t F.B	SS400	2	30.4	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



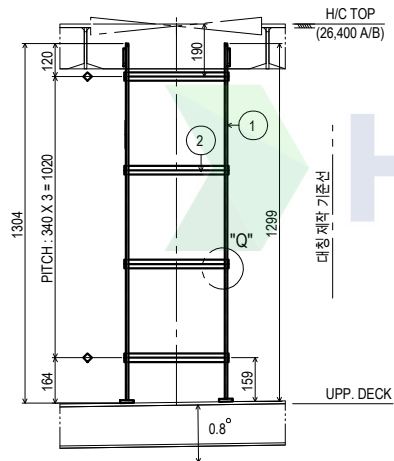
DETAIL OF VERTICAL LADDER

SHIP NO.	8158 - 8160	08
DWG NO.	T12T0-B21-56BB	

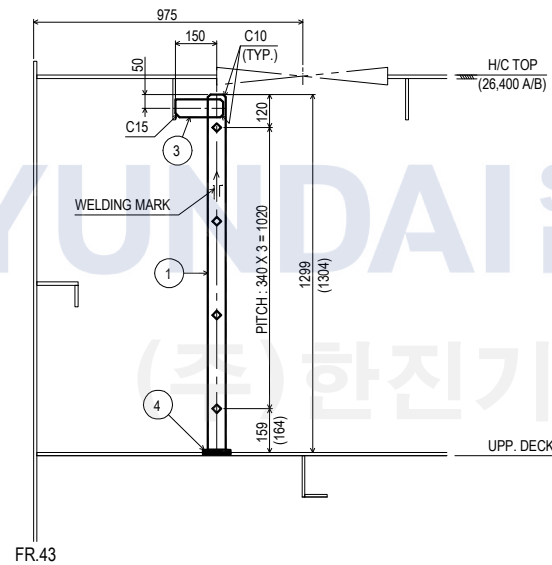
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK	설치 BLOCK
T21P0	VL-501AP	1	25.6	본도제작	T21P0, T21S0 T12P0, T12S0
T21S0	VL-501AS	1	25.6	대칭제작	
T12P0	VL-501FP	1	25.6	본도제작	
T12S0	VL-501FS	1	25.6	대칭제작	



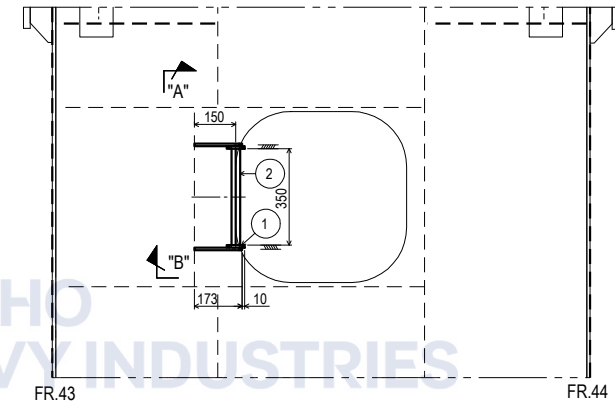
VIEW - "A"



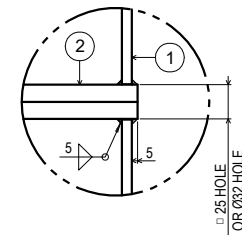
VIEW - "B"



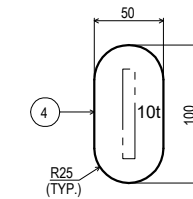
PLAN



DETAIL OF "Q"



DETAIL OF PAD



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



DETAIL OF VERTICAL LADDER

SHIP NO.	8158 - 8160	09
DWG NO.	T12T0-B21-56BB	
설치 BLOCK		
T21S0		

NOTE
- STEP PITCH 가 335mm로 상이하오니 확인 하여 작업 하세요.

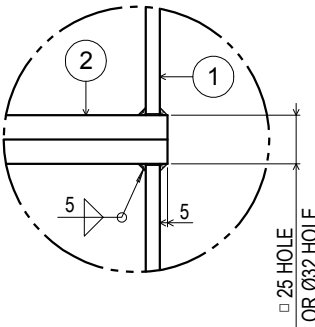
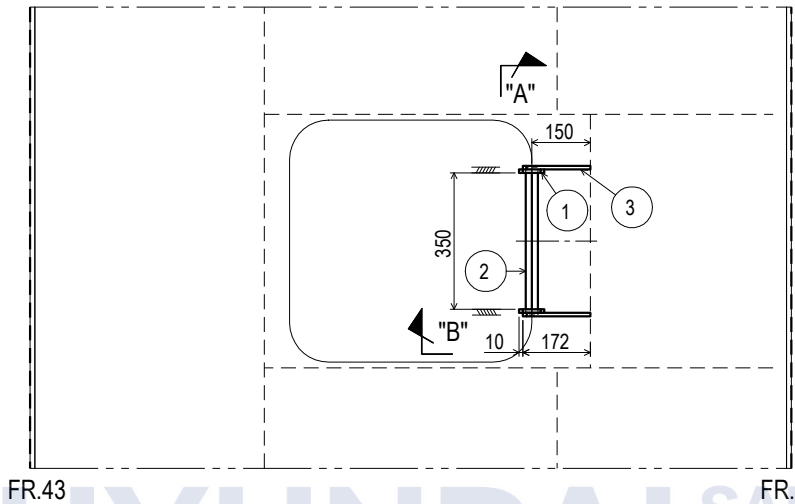
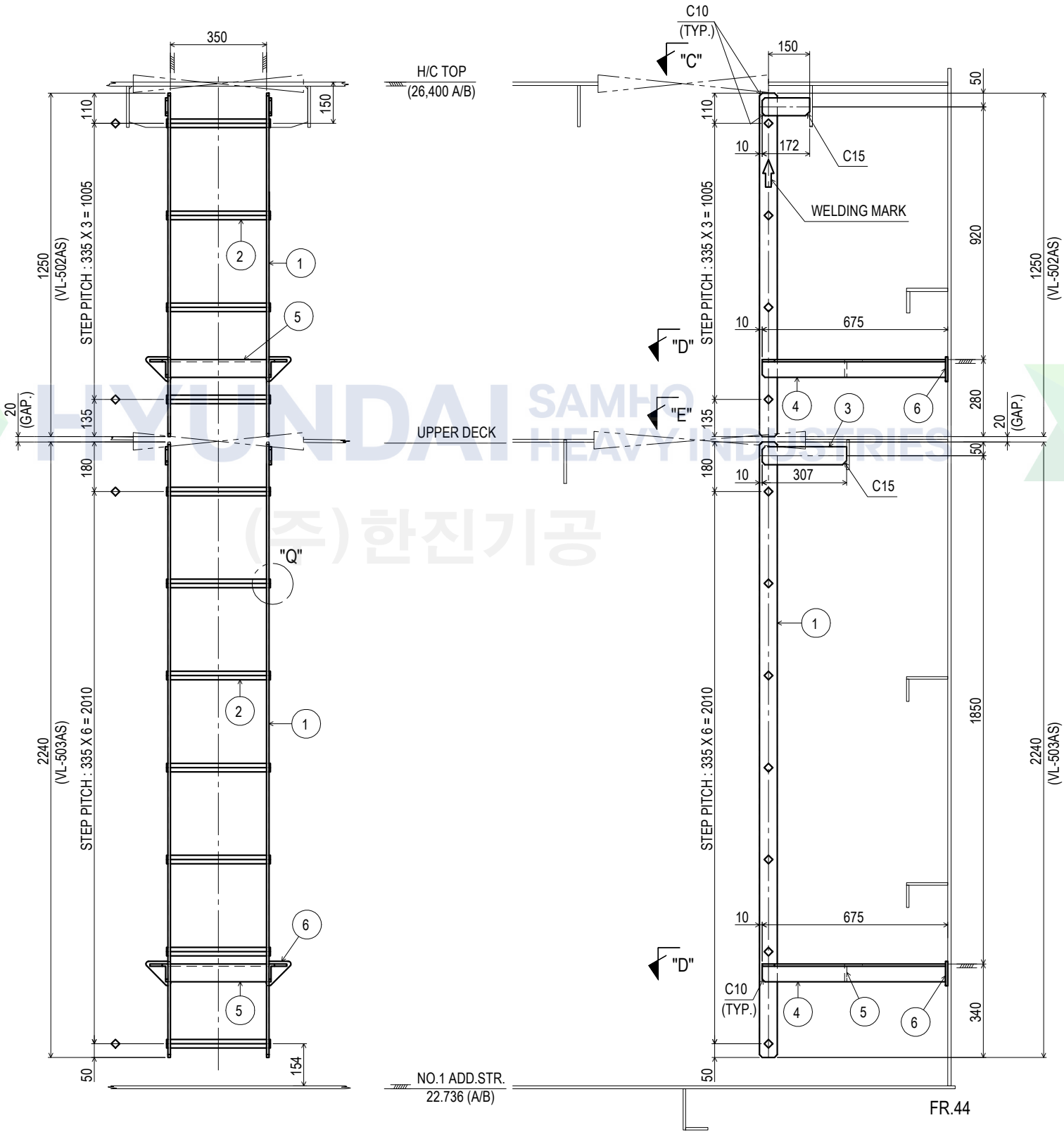
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T21S0	VL-502AS	1	34.3	본도제작
	VL-503AS	1	48.8	본도제작

VIEW - "A"

VIEW - "B"

PLAN
(VIEW - "C")

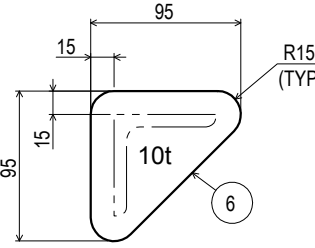
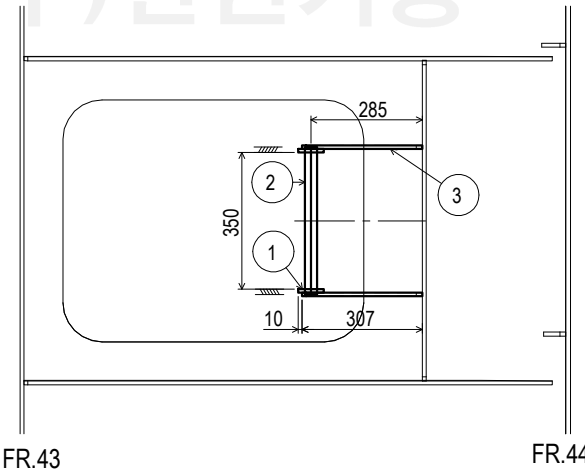
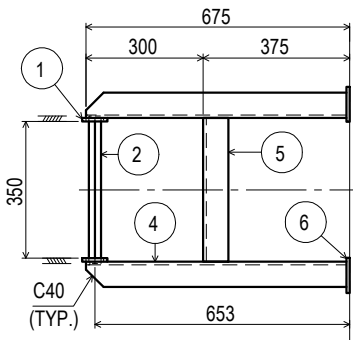
DETAIL OF "Q"



PLAN
(VIEW - "D")

PLAN
(VIEW - "E")

DETAIL OF PAD



6	PAD	10t PLATE	SS400	2 / 2	2.0 / 2.0	
5	SUPPORT	65 X 65 X 8t E.A	SS400	1 / 1	2.8 / 2.8	
4	LUG	65 X 65 X 8t E.A	SS400	2 / 2	10.7 / 10.7	
3	LUG	65 X 9t F.B	SS400	2 / 2	1.6 / 2.7	
2	STEP	22 SQ.BAR	SS400	4 / 7	5.8 / 10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2 / 2	11.4 / 20.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



DETAIL OF VERTICAL LADDER

SHIP NO.	8158 - 8160	10
DWG NO.	T12T0-B21-56BB	
설치 BLOCK		
T12S0		

NOTE
- STEP PITCH 가 335mm로 상이하오니 확인 하여 작업 하세요.

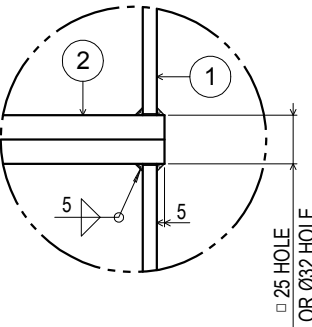
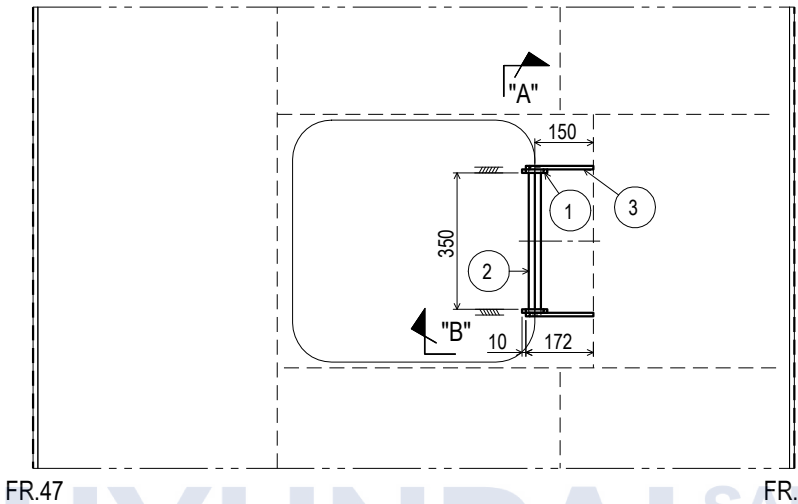
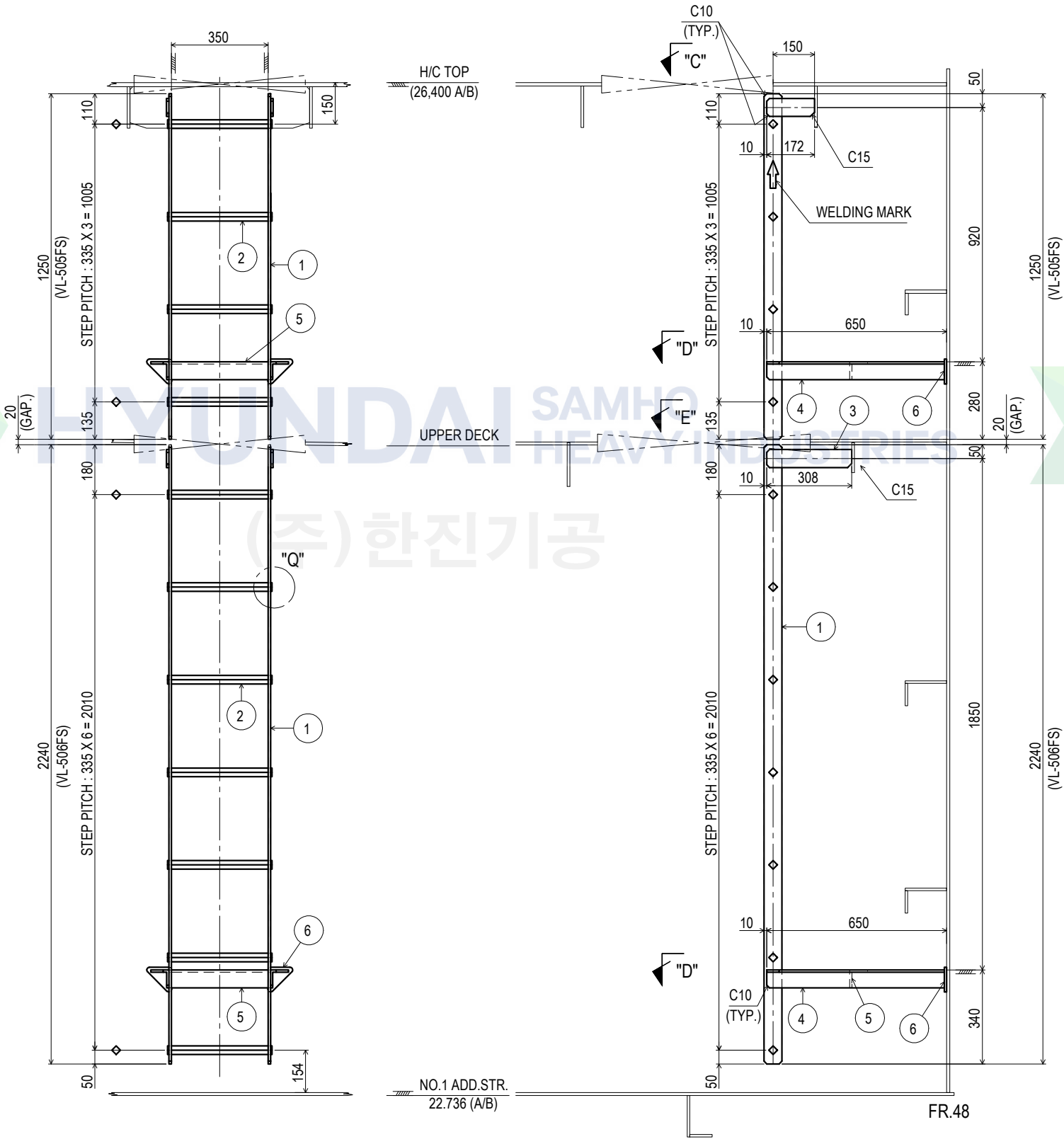
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T12S0	VL-505FS	1	34.0	본도제작
	VL-506FS	1	49.0	본도제작

VIEW - "A"

VIEW - "B"

PLAN
(VIEW - "C")

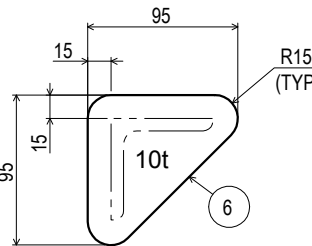
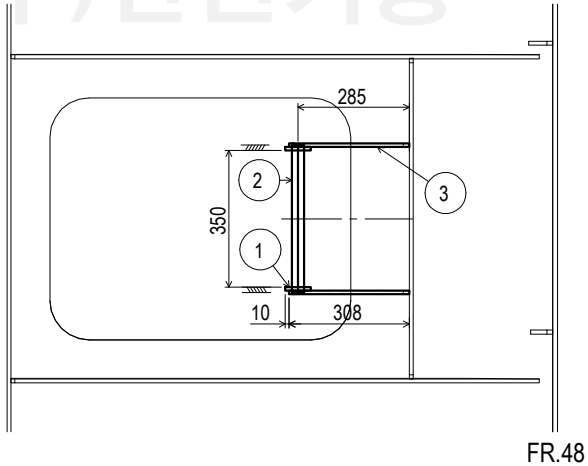
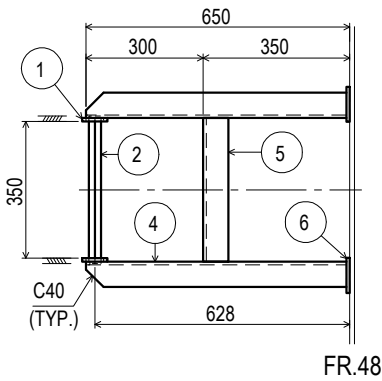
DETAIL OF "Q"



PLAN
(VIEW - "D")

PLAN
(VIEW - "E")

DETAIL OF PAD



6	PAD	10t PLATE	SS400	2 / 2	2.0 / 2.0	
5	SUPPORT	65 X 65 X 8t E.A	SS400	1 / 1	2.8 / 2.8	
4	LUG	65 X 65 X 8t E.A	SS400	2 / 2	10.4 / 10.4	
3	LUG	65 X 9t F.B	SS400	2 / 2	1.6 / 3.2	
2	STEP	22 SQ.BAR	SS400	4 / 7	5.8 / 10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2 / 2	11.4 / 20.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

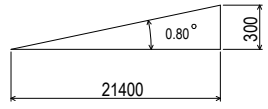


DETAIL OF VERTICAL LADDER

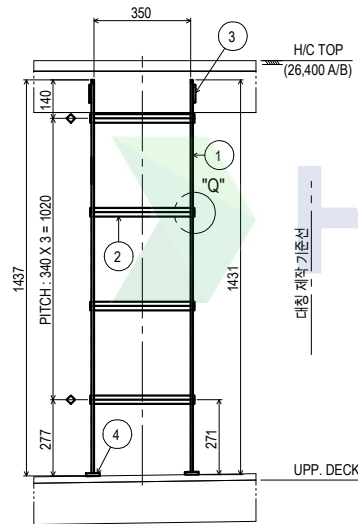
SHIP NO.	8158 - 8160	11
DWG NO.	T12T0-B21-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK	설치 BLOCK
T22P0	VL-401AP	1	26.6	본도제작	T22P0, T22S0 S127L(P), S127L(S)
T22S0	VL-401AS	1	26.6	대칭제작	
S127L(P)	VL-504AP	1	26.6	본도제작	
S127L(S)	VL-504AS	1	26.6	대칭제작	

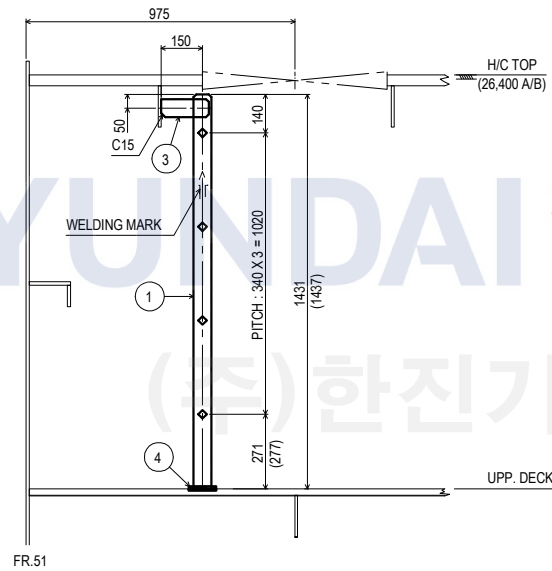
DECK CAMBER



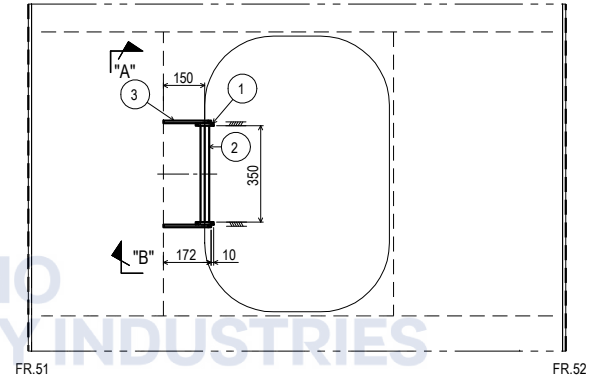
VIEW - "A"



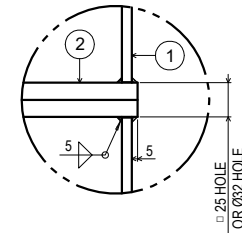
VIEW - "B"



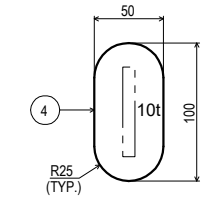
PLAN



DETAIL OF "Q"



DETAIL OF PAD



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



DETAIL OF VERTICAL LADDER

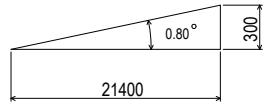
SHIP NO.	8158 - 8160	12
DWG NO.	T12T0-B21-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T22P0	VL-402AP	1	25.6	본도제작
T22S0	VL-402AS	1	25.6	대칭제작

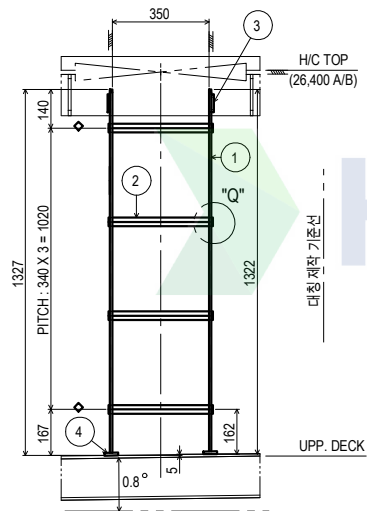
설치 BLOCK

T22P0, T22S0

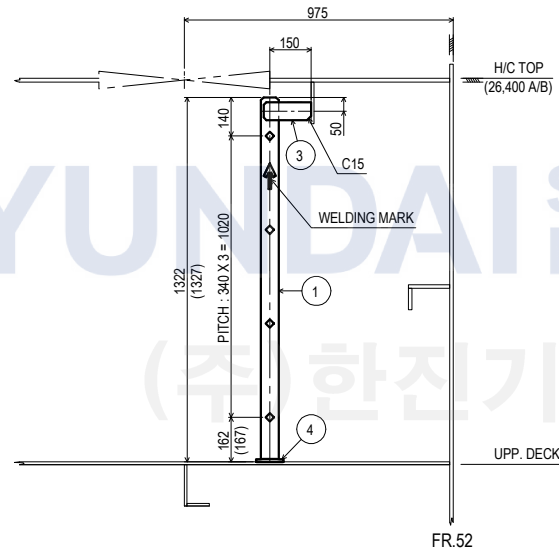
DECK CAMBER



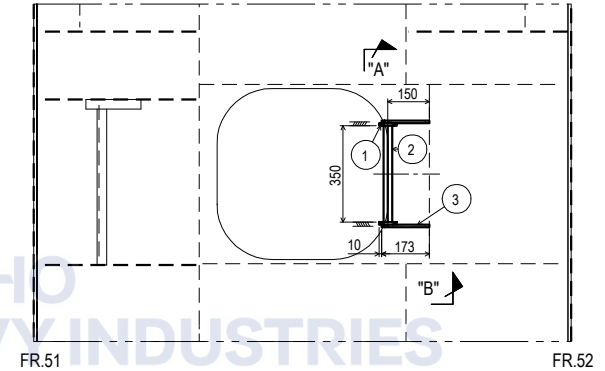
VIEW - "A"



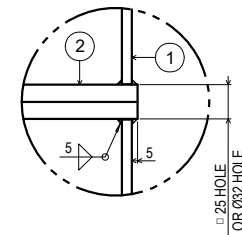
VIEW - "B"



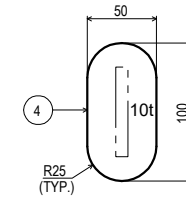
PLAN



DETAIL OF "Q"



DETAIL OF PAD



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

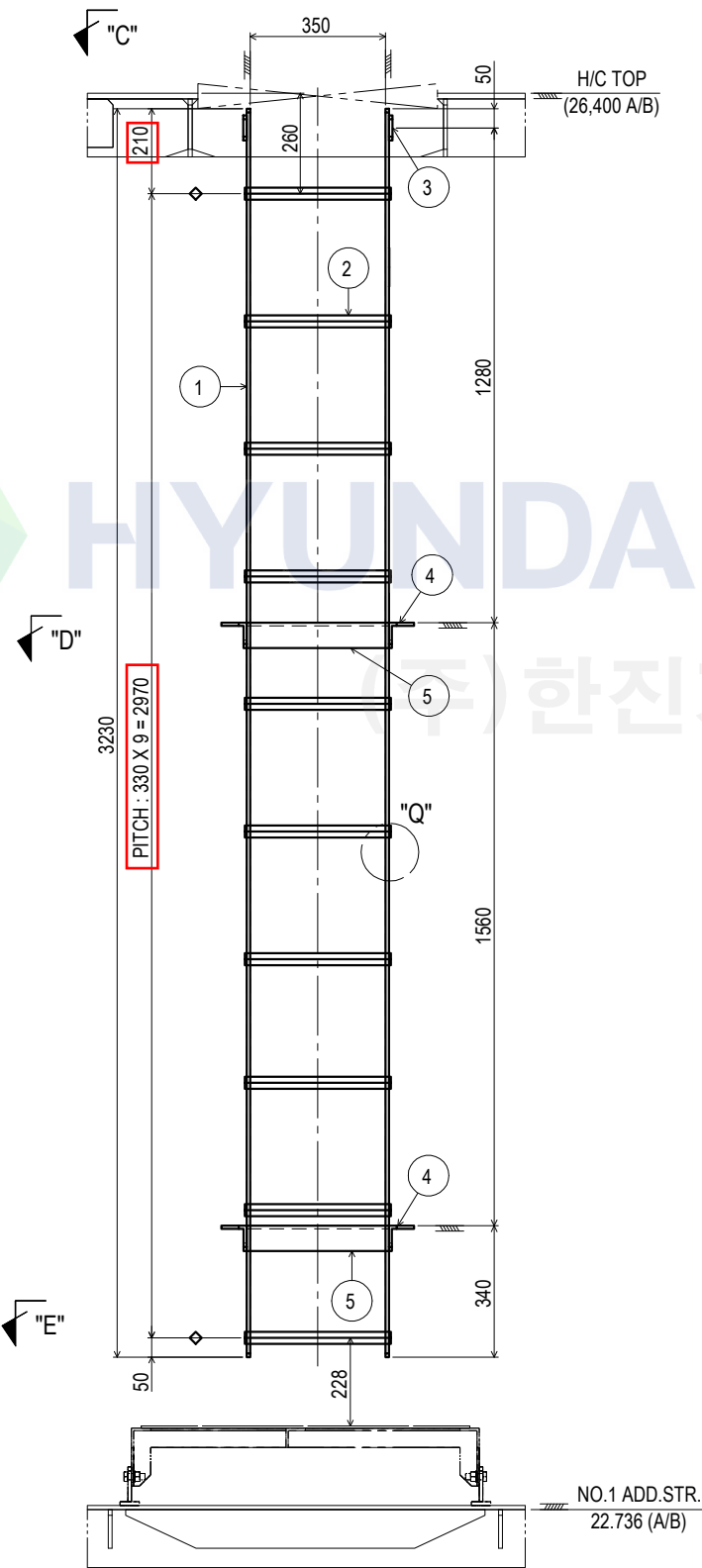


DETAIL OF VERTICAL LADDER

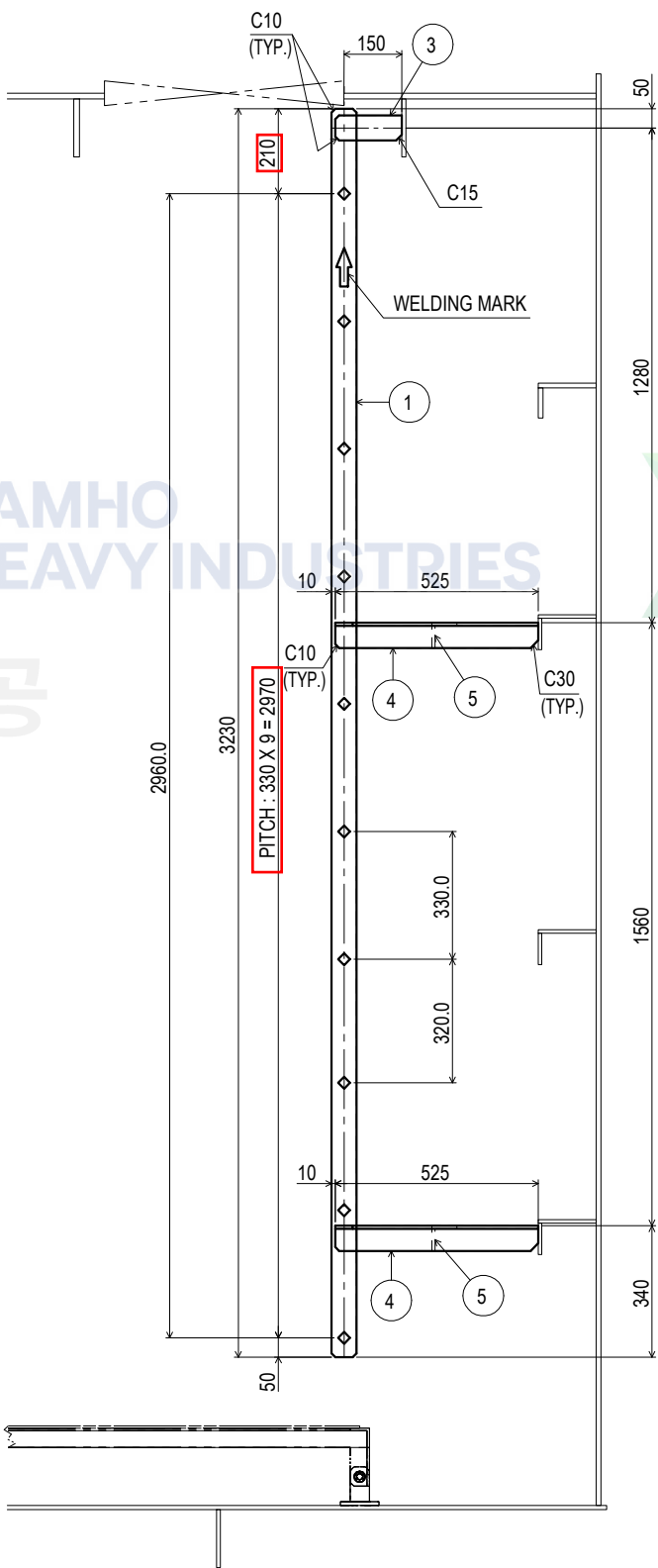
SHIP NO.	8158 - 8160	13
DWG NO.	T12T0-B21-56BB	
설치 BLOCK		
T22P0		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T22P0	VL-403AP	1	71.9	본도제작

VIEW - "A"

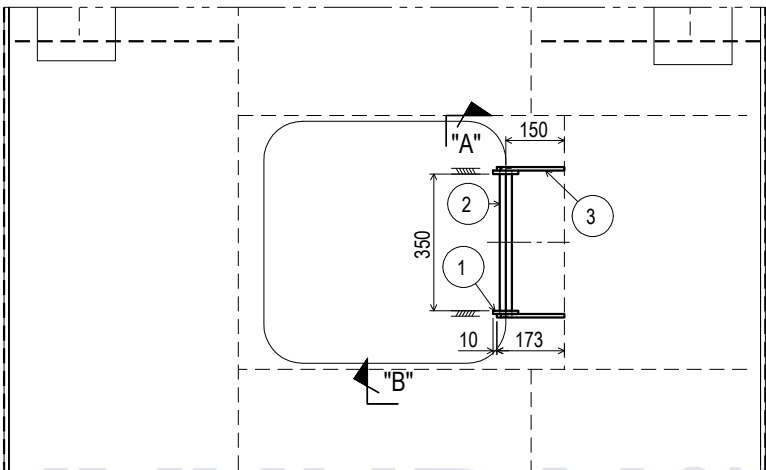


VIEW - "B"

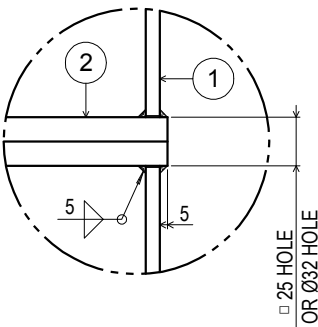


PLAN

(VIEW - "C")

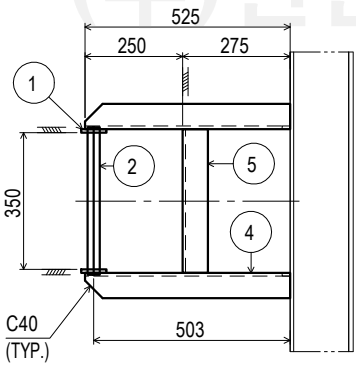


DETAIL OF "Q"



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

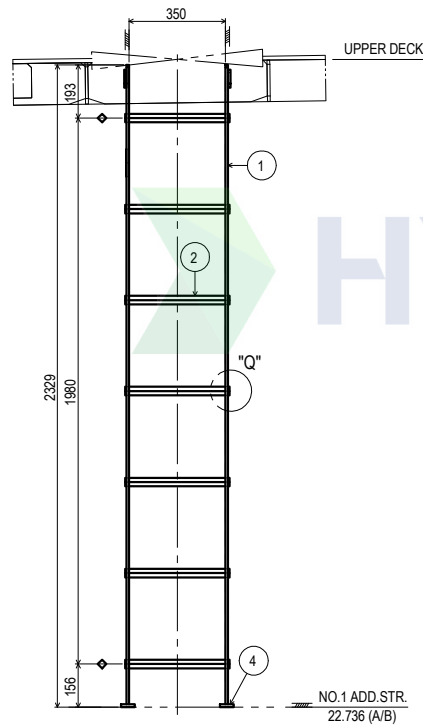


DETAIL OF VERTICAL LADDER

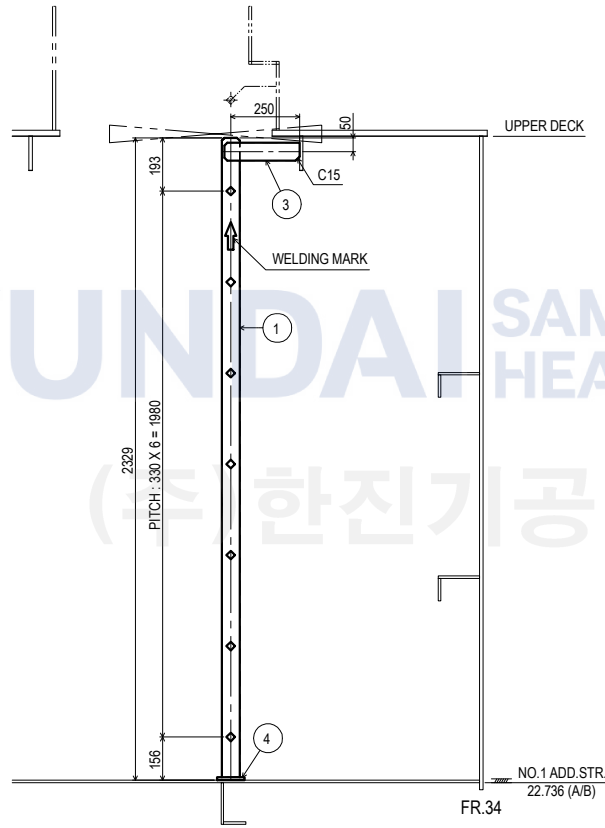
SHIP NO.	8158 - 8160	14
DWG NO.	T12T0-B21-56BB	
설치 BLOCK		
E51P0		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
E51P0	VL-606AS	1	36.4	본도제작

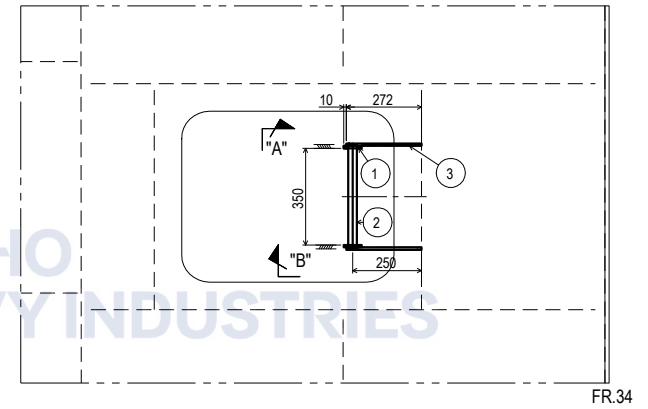
VIEW - "A"



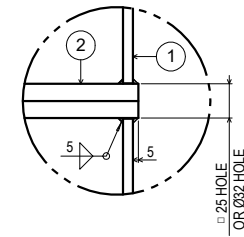
VIEW - "B"



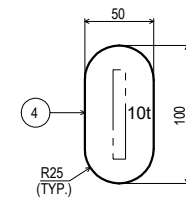
PLAN
(VIEW - "C")



DETAIL OF "Q"



DETAIL OF PAD



4	PAD	10t PLATE	SS400	2	2.0	
3	LUG	65 X 9t F.B	SS400	2	2.4	
2	STEP	22 SQ.BAR	SS400	7	10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2	22.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

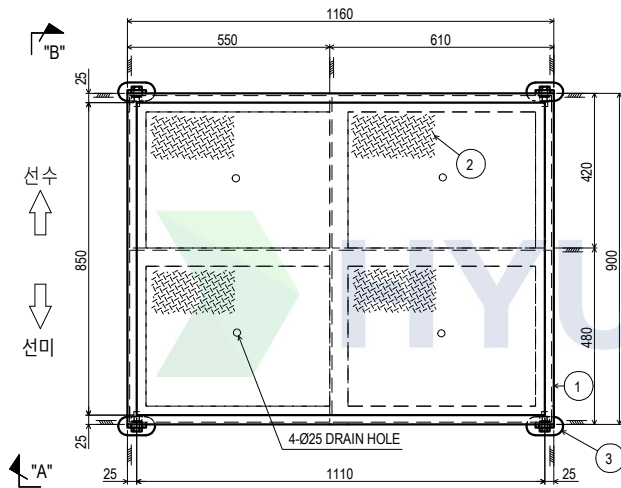


DETAIL OF PLATFORM

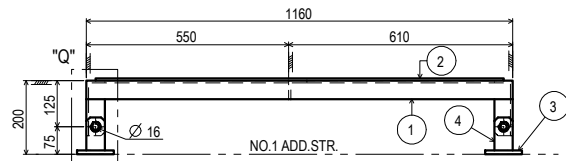
SHIP NO.	8158 - 8160	15
DWG NO.	T12T0-B21-56BB	
설치 BLOCK		
T22S0		

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

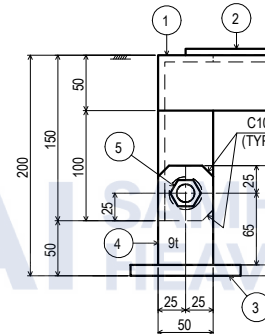
PLAN



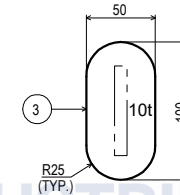
VIEW "A"



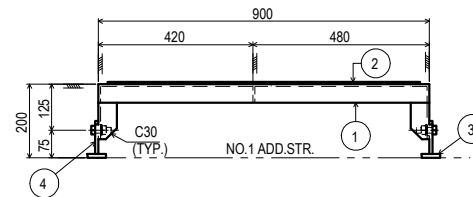
DETAIL OF "Q"



DETAIL OF PAD



VIEW "B"



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