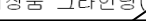




[illegible]

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

## NOTE

1. 본도는 MFG. OF CARGO HOLD LADDER & PLATFORM (PIPE DUCT) 제작 도면임.
2. 모서리 부분은 하기와 같이 GRINDING 할 것.

PSPC 의장품 그라인딩 (3P)	WEATHER 의장품 그라인딩 (RC)	일반 의장품 그라인딩 (C)
 <p>Min. 2mm</p> <p>2회</p> <p>1회</p> <p>3회</p>	 <p>Burr 제거</p> <p>Burr 제거</p> <p>2회</p> <p>3회</p> <p>1회</p>	 <p>1mm</p> <p>1회</p>

3. 용접은 특기외 하기 표 참조하고 연속 용접 할 것.

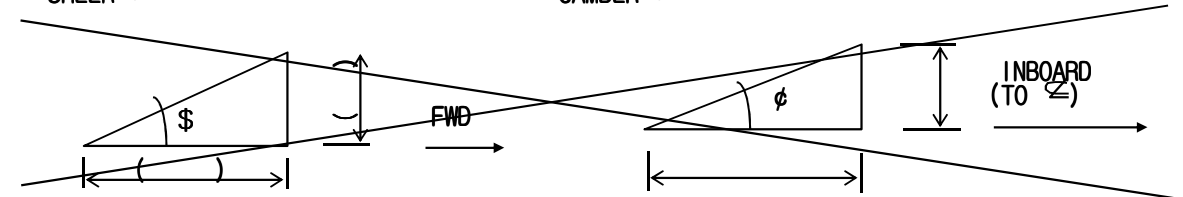
\* THE LEG LENGTH OF FILLET WELD TO BE AS FOLLOWS.

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 (ϕ: 도면참조 )를 필히 적용할 것.


SHEER :

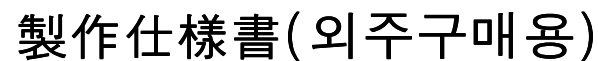
**CAMBER :**



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. : JT6

11. TOTAL WEIGHT : 742.3 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 (PIPE HOLD)
 HYUNDAI SAMHO HEAVY INDUSTRIES CO., LTD. SAMHO SHIPYARD, KOREA		도 면 번 호 T24T0-B21-56BB -001
		날 짜 2023-01-12



- 
- 무늬 SPEC.
- PAINTING
- PAINT & GALV. : 15mm
- (SHOP PRIMER OR Alkyd Resin MP-120 (KCC))

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.

## 제작품별 납기 LIST

<b>SHIP NO.</b>	8158 - 8160	01
<b>DWG NO.</b>	T24T0-B21-56BB	

[illegible]



# DETAIL OF VERTICAL LADDER

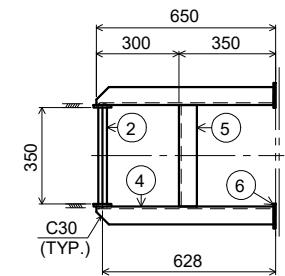
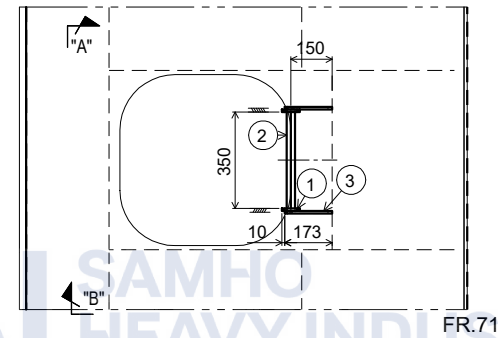
SHIP NO.	8158 - 8160	02
DWG NO.	T24T0C-26-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
C16AL(P)	VL-301AP	1	33.5	본도제작
C16AL(S)	VL-301AS	1	33.5	대칭제작

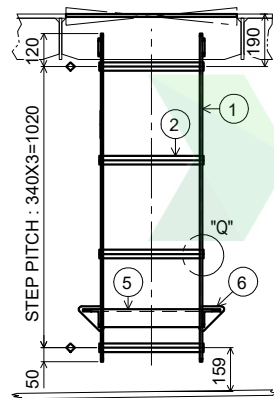
설치 BLOCK

C16AL(P), C16AL(S)

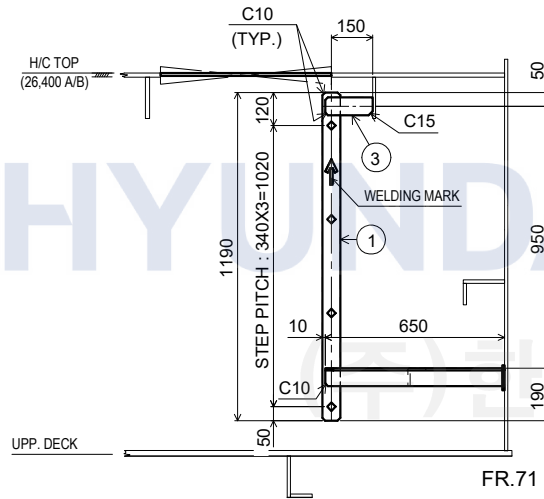
PLAN



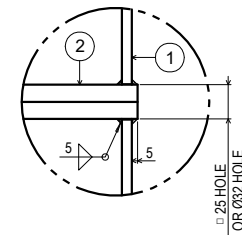
VIEW - "A"



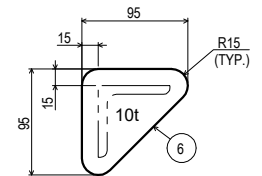
VIEW - "B"



DETAIL OF "Q"



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	2	10.4	
3	LUG	65 X 9t F.B	SS400	2	1.6	
2	STEP	22 SQ.BAR	SS400	4	5.7	
1	SIDE FRAME	65 X 9t F.B	SS400	2	11.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



# DETAIL OF VERTICAL LADDER

SHIP NO.	8158 - 8160	03
DWG NO.	T24T0C-26-56BB	

## NOTE

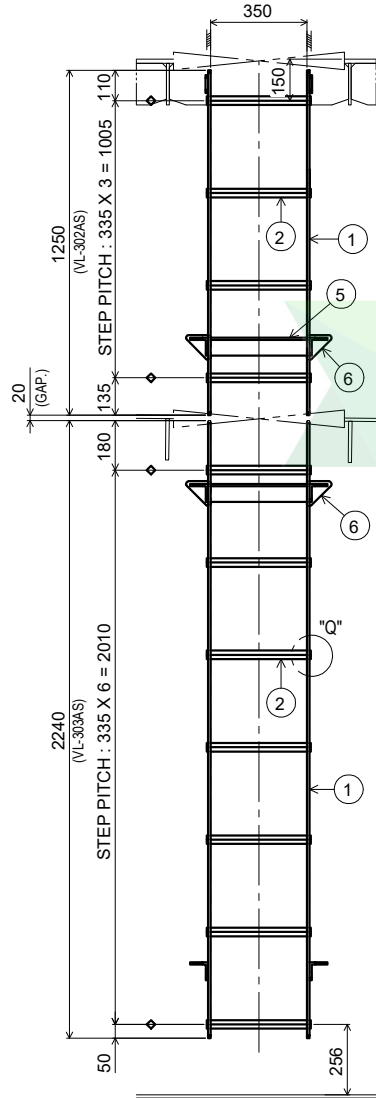
- STEP PITCH 가 335mm로 상이하오니 확인 하여 작업 하세요.

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
C16AL(S)	VL-302AS	1	31.6	본도제작
D327L(S)	VL-303AS	1	48.6	본도제작

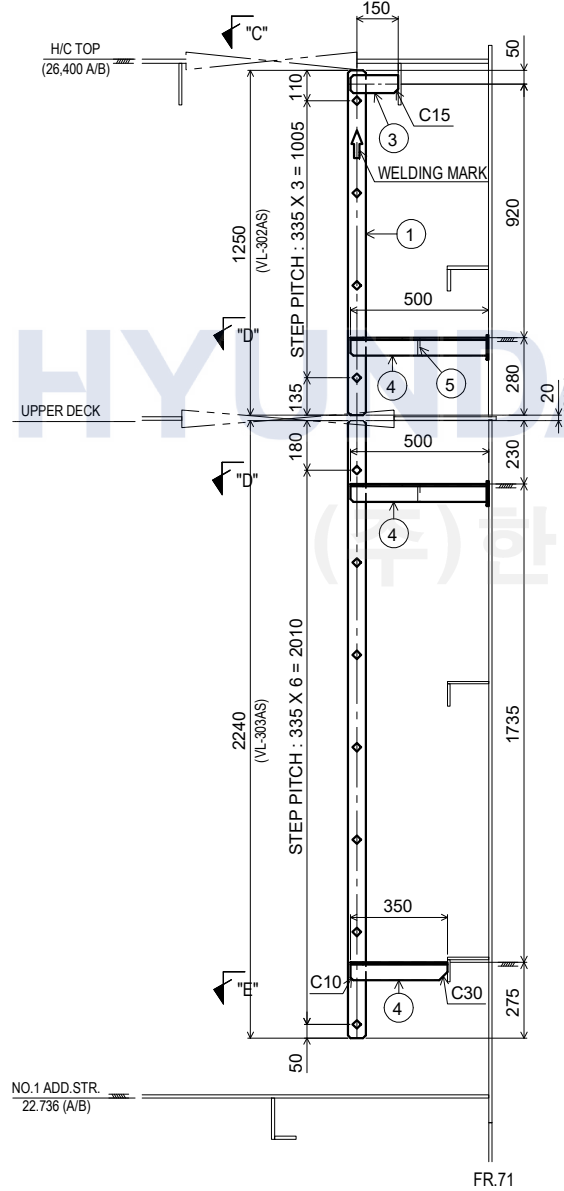
설치 BLOCK

C16AL(S)  
D327L(S)

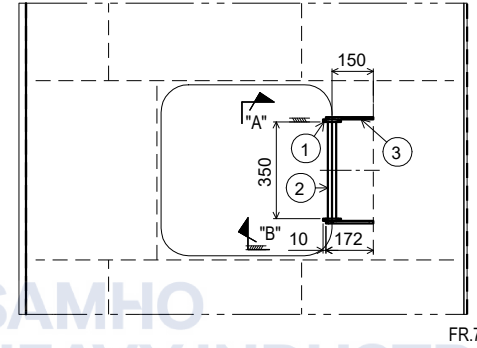
VIEW - "A"



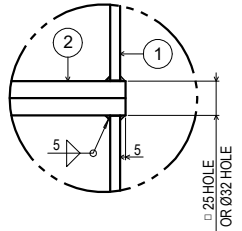
VIEW - "B"



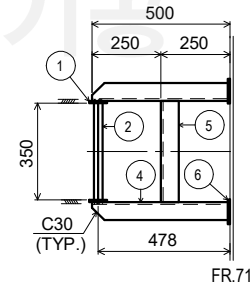
PLAN  
(VIEW - "C")



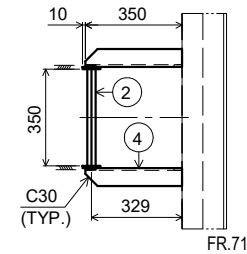
DETAIL OF "Q"



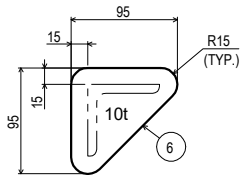
PLAN  
(VIEW - "D")



PLAN  
(VIEW - "E")



DETAIL OF PAD



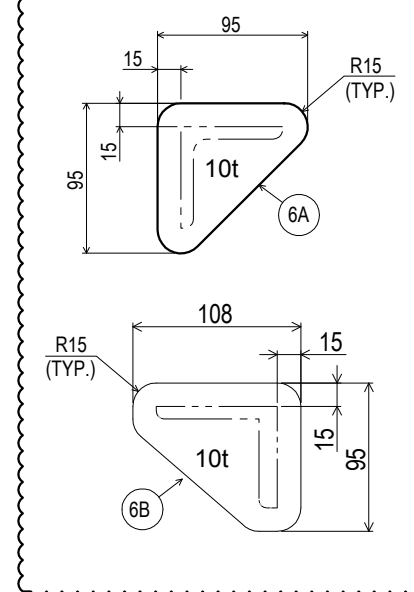
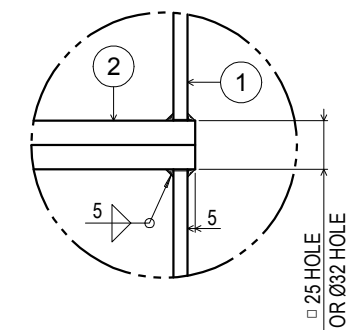
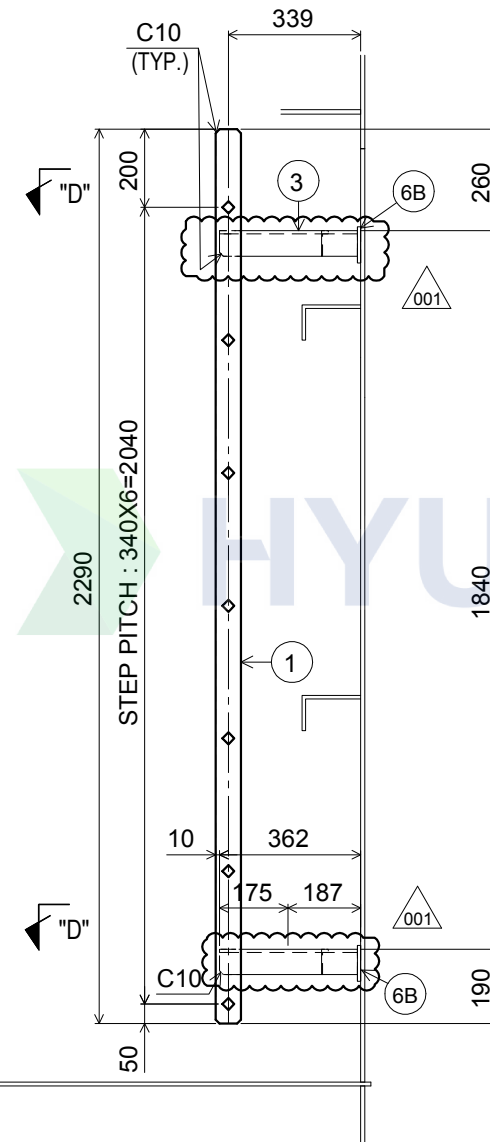
6	PAD	10t PLATE	SS400	2 / 2	2.0 / 2.0	
5	SUPPORT	65 X 65 X 8t E.A	SS400	1 / 1	2.8 / 2.8	
4	LUG	65 X 65 X 8t E.A	SS400	2 / 4	8.0 / 13.2	
3	LUG	65 X 9t F.B	SS400	2 / 0	1.6 / -	
2	STEP	22 SQ.BAR	SS400	4 / 7	5.8 / 10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2 / 2	11.4 / 20.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



SHIP NO.	8158 - 8160	04
DWG NO.	T24T0-C26-56BB	
설치 BLOCK		
D327L(S)		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
D327L(S)	VL-304AS	1	49.1	본도제작

PLAN  
(VIEW - "D")



4	PAD	10t PLATE	SS400	4	4.0	
3	LUG	65 X 9t F.B	SS400	4	14.1	
2	STEP	22 SQ.BAR	SS400	7	10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2	21.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

08158-T24T0C2656BB-004-001

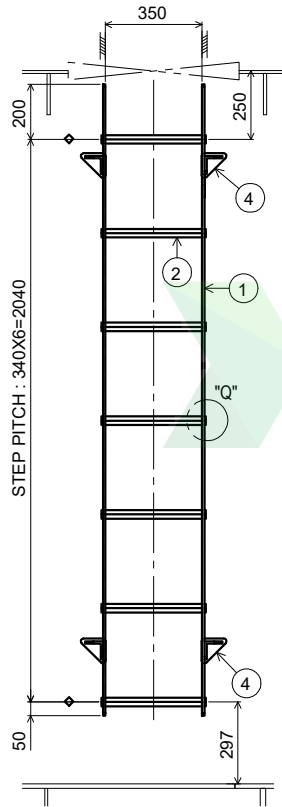


# DETAIL OF VERTICAL LADDER

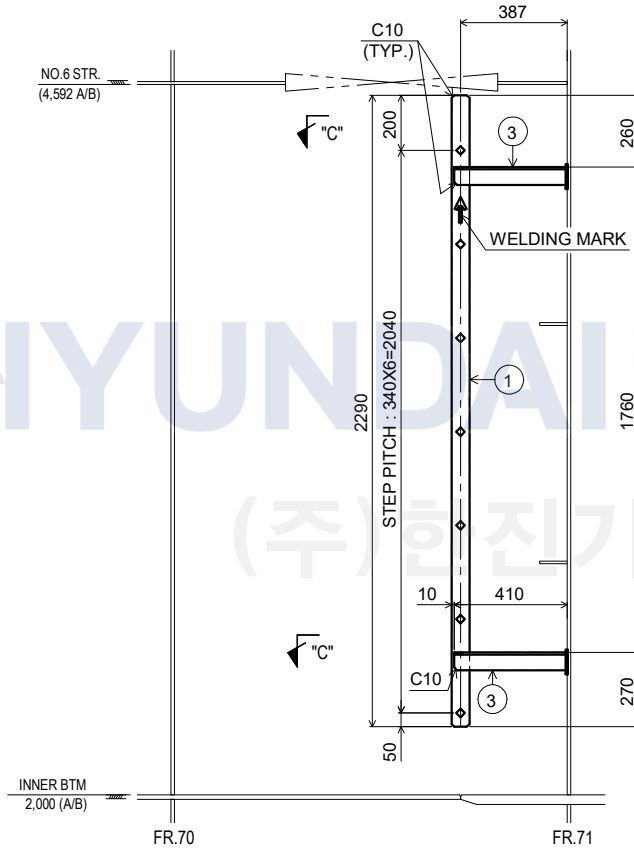
SHIP NO.	8158 - 8160	05
DWG NO.	T24T0-C26-56BB	
설치 BLOCK		
T24C0		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C0	VL-305AP	1	48.6	본도제작

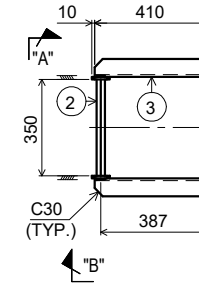
VIEW - "A"



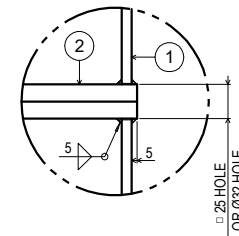
VIEW - "B"



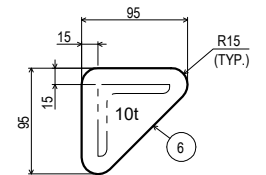
PLAN  
(VIEW - "C")



DETAIL OF "Q"



DETAIL OF PAD



4	PAD	10t PLATE	SS400	4	4.0	
3	LUG	65 X 65 X 8t E.A	SS400	4	13.6	
2	STEP	22 SQ.BAR	SS400	7	10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2	21.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



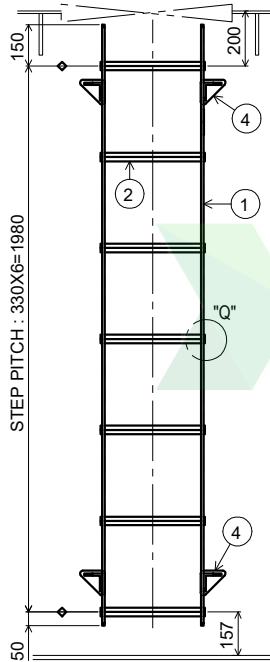
# DETAIL OF VERTICAL LADDER

SHIP NO.	8158 - 8160	06
DWG NO.	T24T0-C26-56BB	
설치 BLOCK		
D12AL T24C0		

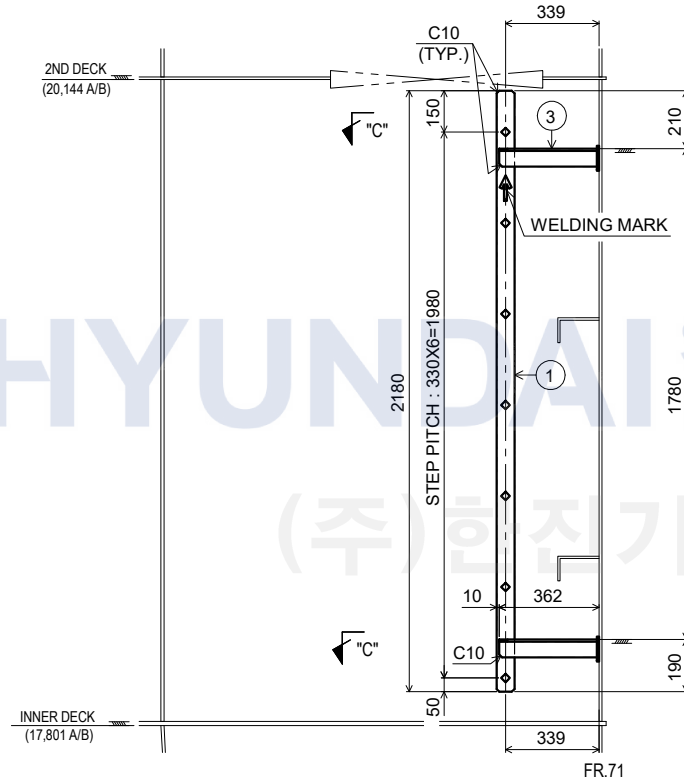
NOTE  
- STEP PITCH 가 330mm로 상이하오니 확인 하여 작업 하세요.

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
D12AL	VL-306AP	1	46.0	본도제작
T24C0	VL-310AP	1	46.0	본도제작

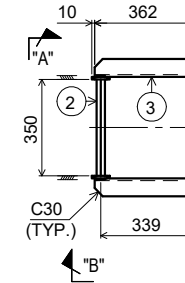
VIEW - "A"



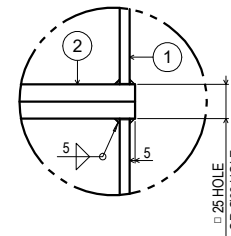
VIEW - "B"



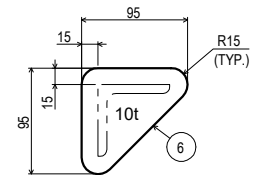
PLAN  
(VIEW - "C")



DETAIL OF "Q"



DETAIL OF PAD



4	PAD	10t PLATE	SS400	4	4.0	
3	LUG	65 X 65 X 8t E.A	SS400	4	12.0	
2	STEP	22 SQ.BAR	SS400	7	10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2	20.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK





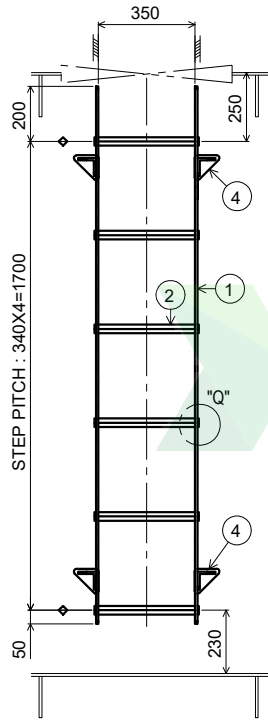


# DETAIL OF VERTICAL LADDER

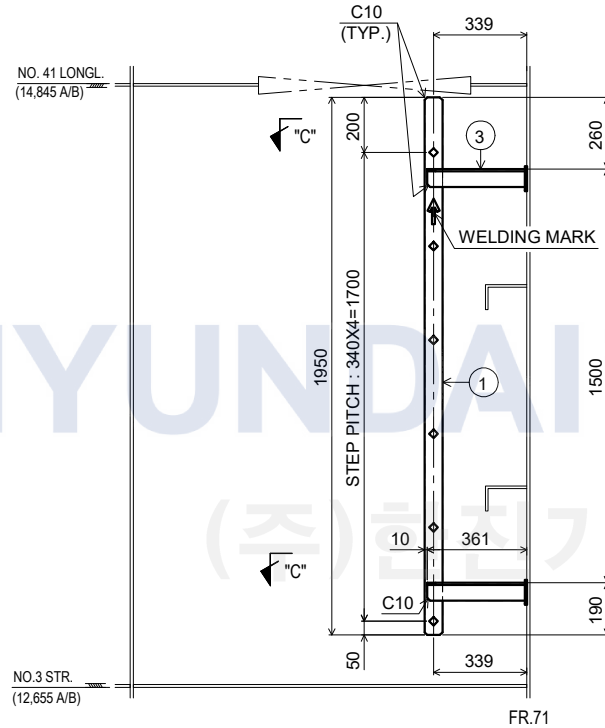
SHIP NO.	8158 - 8160	08
DWG NO.	T24T0-C26-56BB	
설치 BLOCK		
T24C0		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C0	VL-308AP	1	42.6	본도제작

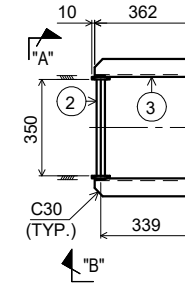
VIEW - "A"



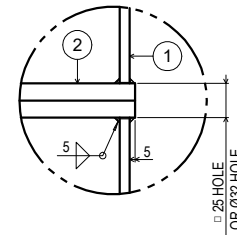
VIEW - "B"



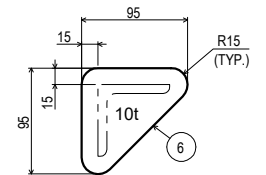
PLAN  
(VIEW - "C")



DETAIL OF "Q"



DETAIL OF PAD



4	PAD	10t PLATE	SS400	4	4.0	
3	LUG	65 X 65 X 8t E.A	SS400	4	12.0	
2	STEP	22 SQ.BAR	SS400	6	8.6	
1	SIDE FRAME	65 X 9t F.B	SS400	2	18.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

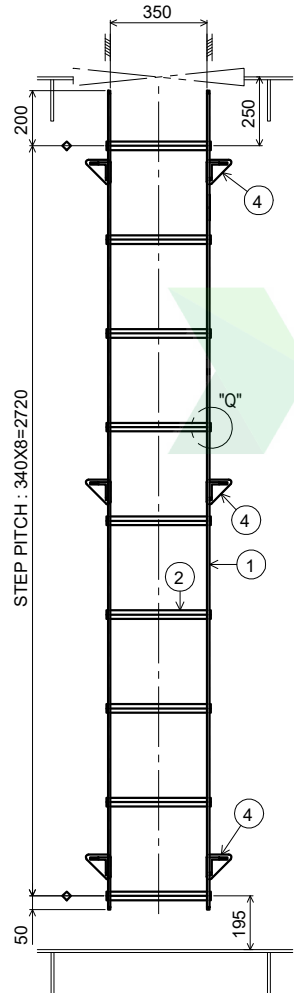


# DETAIL OF VERTICAL LADDER

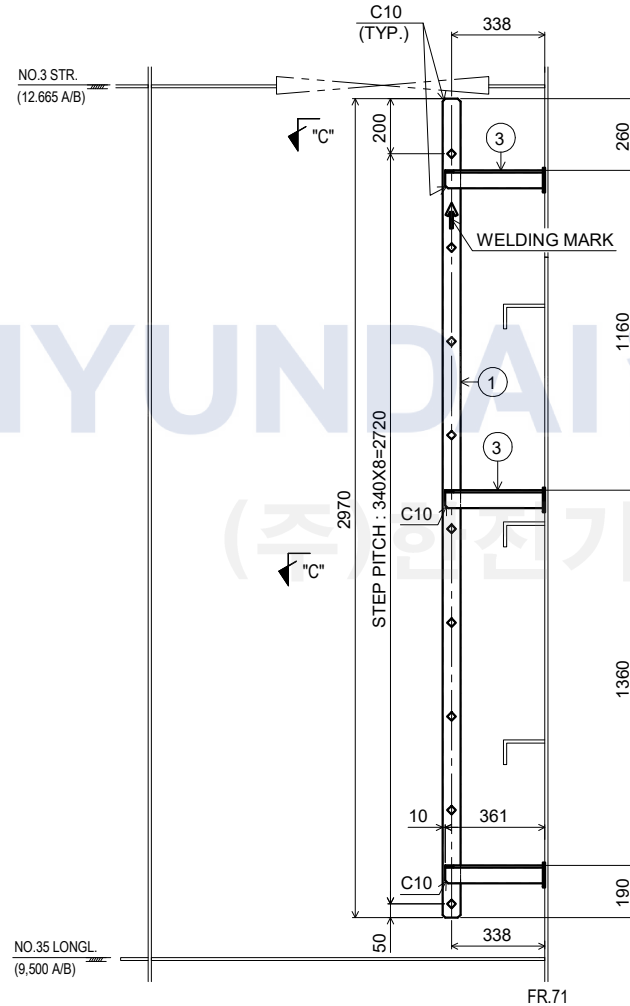
SHIP NO.	8158 - 8160	09
DWG NO.	T24T0-C26-56BB	
설치 BLOCK		
T24C0		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C0	VL-309AS	1	64.2	본도제작

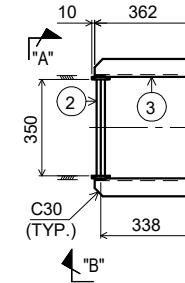
VIEW - "A"



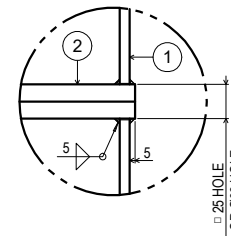
VIEW - "B"



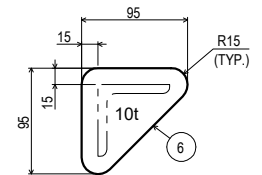
PLAN  
(VIEW - "C")



DETAIL OF "Q"



DETAIL OF PAD



4	PAD	10t PLATE	SS400	6	6.0	
3	LUG	65 X 65 X 8t E.A	SS400	6	18.0	
2	STEP	22 SQ.BAR	SS400	9	12.9	
1	SIDE FRAME	65 X 9t F.B	SS400	2	27.3	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



# DETAIL OF VERTICAL LADDER

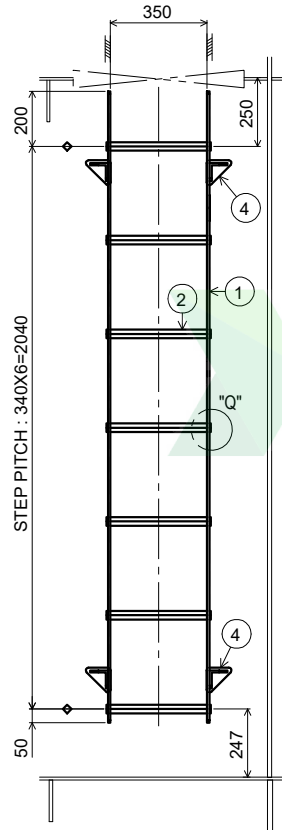
SHIP NO.	8158 - 8160	10
DWG NO.	T24T0-C26-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C0	VL-311AS	1	48.6	본도제작

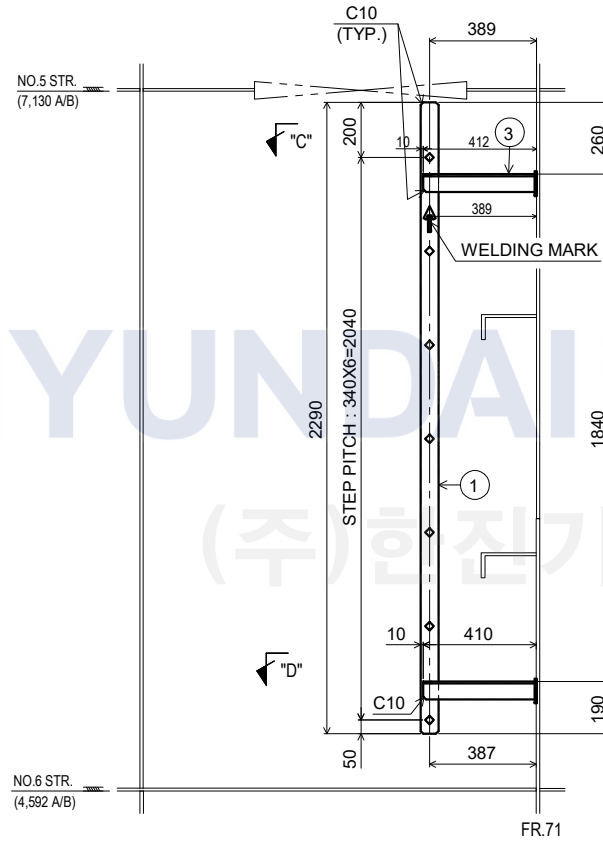
설치 BLOCK

T24C0

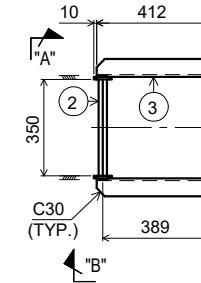
VIEW - "A"



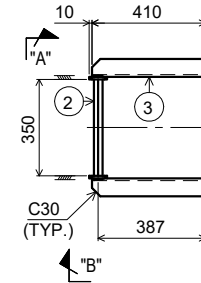
VIEW - "B"



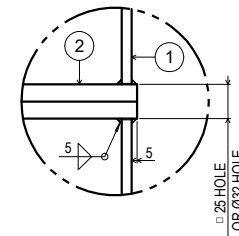
PLAN  
(VIEW - "C")



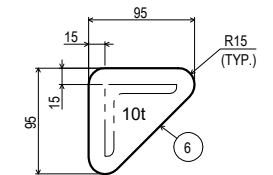
PLAN  
(VIEW - "D")



DETAIL OF "Q"



DETAIL OF PAD



4	PAD	10t PLATE	SS400	4	4.0	
3	LUG	65 X 65 X 8t E.A	SS400	4	13.6	
2	STEP	22 SQ.BAR	SS400	7	10.0	
1	SIDE FRAME	65 X 9t F.B	SS400	2	21.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



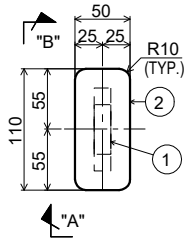
DETAIL OF LIFTING EYE

SHIP NO.	8158 ~ 8160	11
DWG NO.	T24T0-C26-56BB	

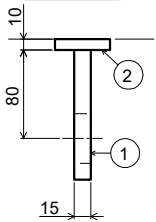
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
D32P	LE-301AP	3	1.5	본도제작
D32S	LE-301AS	2	1.5	본도제작

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
D327L(S)	LE-302AS	1	16.0	본도제작
D12AL	LE-302AS	1	16.0	본도제작
T24C	LE-302AS	1	16.0	본도제작

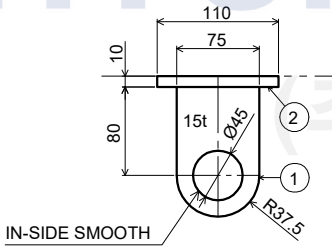
PLAN



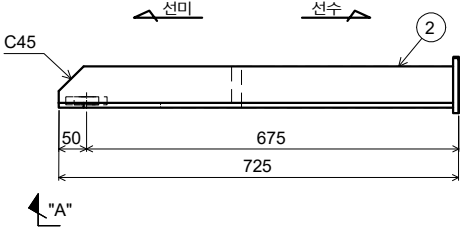
VIEW- "A"



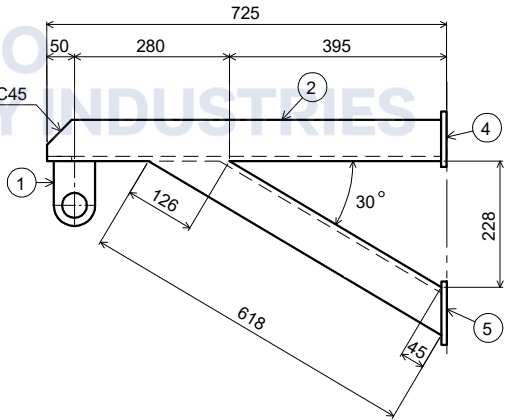
VIEW- "B"



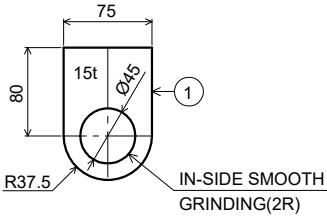
PLAN



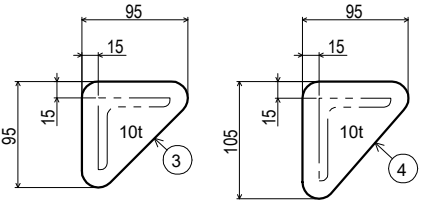
VIEW-"A"



DETAIL OF PAD



DETAIL OF PAD



NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK
2	PAD	10t PLATE	SS400	1	0.5	
1	EYE PLATE	15t PLATE	SS400	1	1.7	

3, 4	PAD	10t PLATE	SS400	2	1.0	
2	SUPPORT	75X75X9t E.A	SS400	2	13.0	
1	EYE PLATE	15t PLATE	SS400	1	1.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



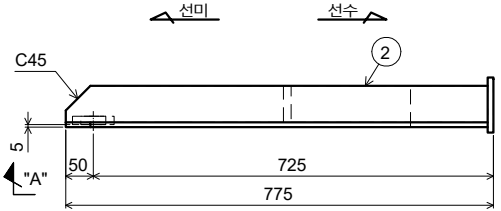
# DETAIL OF LIFTING EYE

SHIP NO.	8158 ~ 8160	12
DWG NO.	T24T0-C26-56BB	

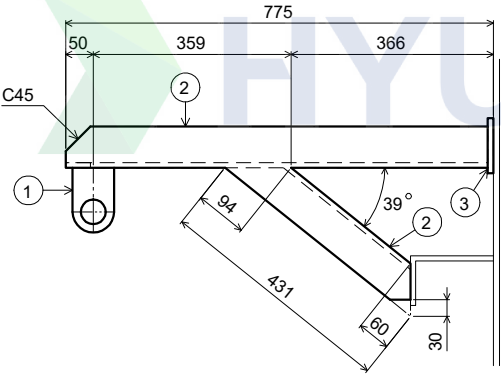
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
D32BL(P)	LE-303AP	1	15.0	본도제작

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C	LE-304AC	1	17.0	본도제작

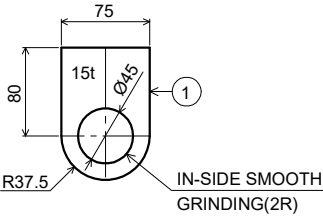
PLAN



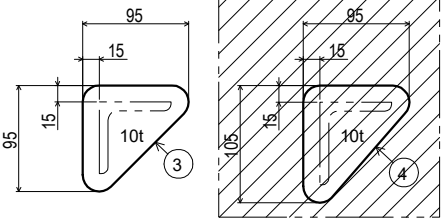
VIEW- "A"



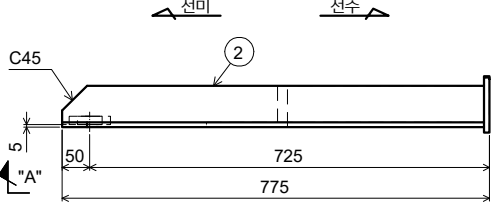
DETAIL OF PAD



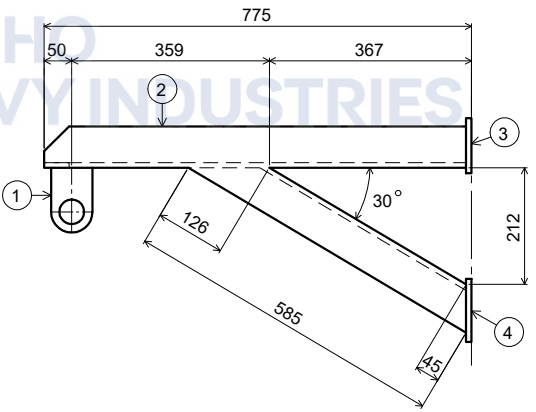
DETAIL OF PAD



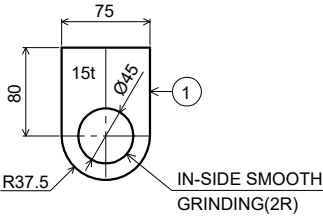
PLAN



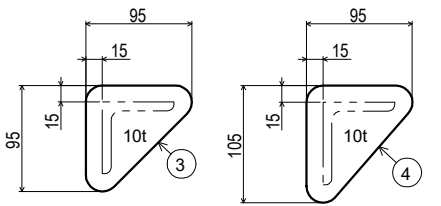
VIEW- "A"



DETAIL OF PAD



DETAIL OF PAD



3	PAD	10t PLATE	SS400	1	1.0	
2	SUPPORT	75X75X9t E.A	SS400	2	14.0	
1	EYE PLATE	15t PLATE	SS400	1	1.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

3, 4	PAD	10t PLATE	SS400	2	1.0	
2	SUPPORT	75X75X9t E.A	SS400	2	15.0	
1	EYE PLATE	15t PLATE	SS400	1	1.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



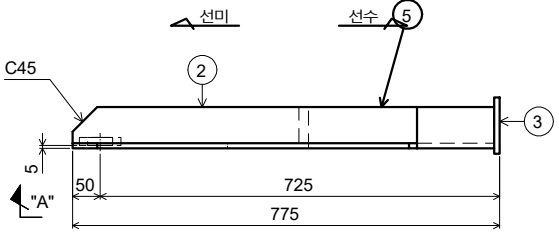
# DETAIL OF LIFTING EYE

SHIP NO.	8158 ~ 8160	13
DWG NO.	T24T0-C26-56BB	

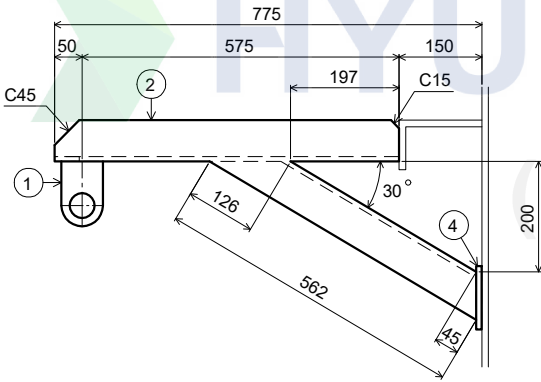
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C	LE-305AP	1	15.0	본도제작

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C	LE-306AS	1	17.0	본도제작

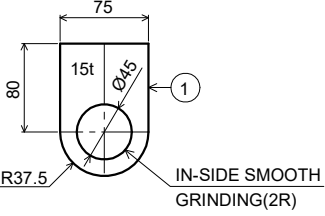
PLAN



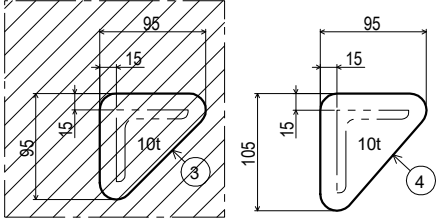
VIEW- "A"



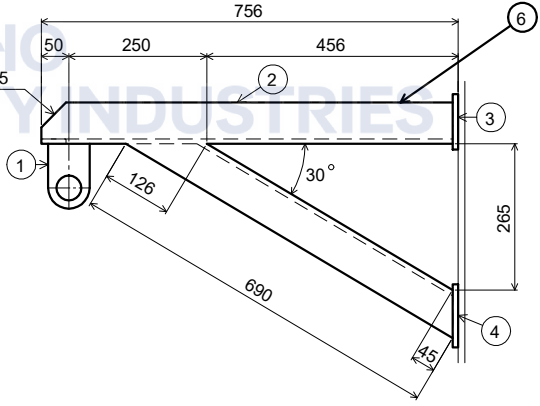
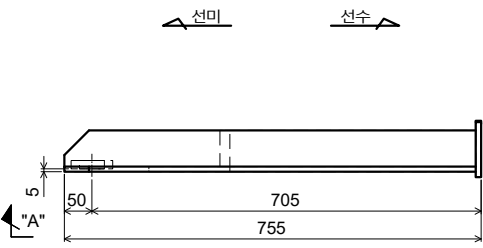
DETAIL OF PAD



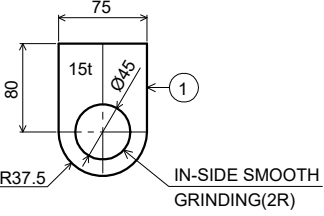
DETAIL OF PAD



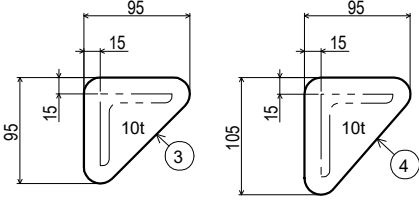
PLAN



DETAIL OF PAD



DETAIL OF PAD



4	PAD	10t PLATE	SS400	1	1.0	
2	SUPPORT	75X75X9t E.A	SS400	2	13.0	
1	EYE PLATE	15t PLATE	SS400	1	1.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

3, 4	PAD	10t PLATE	SS400	2	1.0	
2	SUPPORT	75X75X9t E.A	SS400	2	15.0	
1	EYE PLATE	15t PLATE	SS400	1	1.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

08158-T24T0C2656BB-013

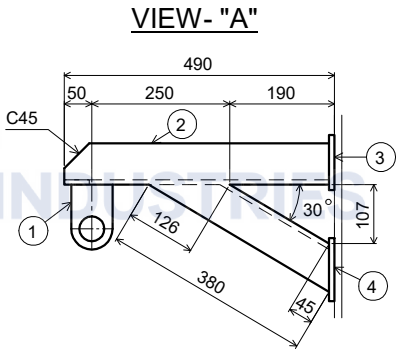
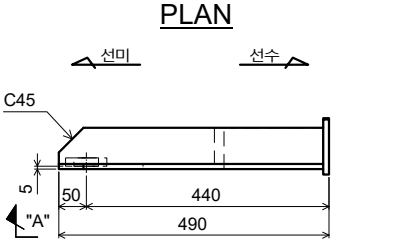
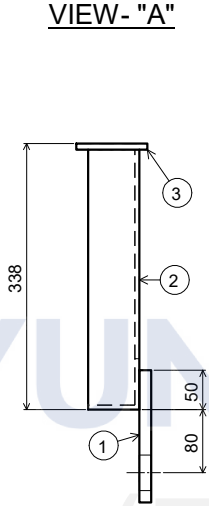
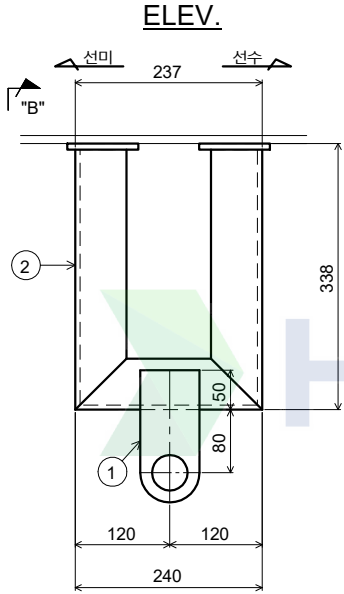


DETAIL OF LIFTING EYE

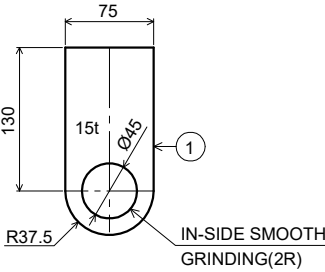
SHIP NO.	8158 ~ 8160	14
DWG NO.	T24T0-C26-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C	LE-307AC	1	15.5	본도제작

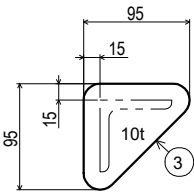
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T24C	LE-308AS	1	10.7	본도제작



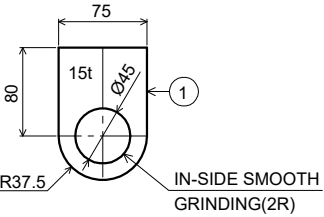
**DETAIL OF PAD**



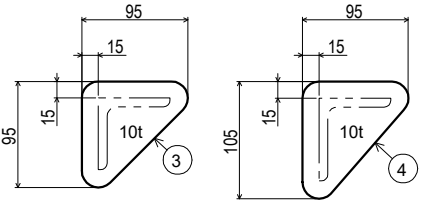
**DETAIL OF PAD**



**DETAIL OF PAD**



**DETAIL OF PAD**



3	PAD	10t PLATE	SS400	2	1.0	
2	SUPPORT	75X75X9t E.A	SS400	3	13.0	
1	EYE PLATE	15t PLATE	SS400	1	1.5	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

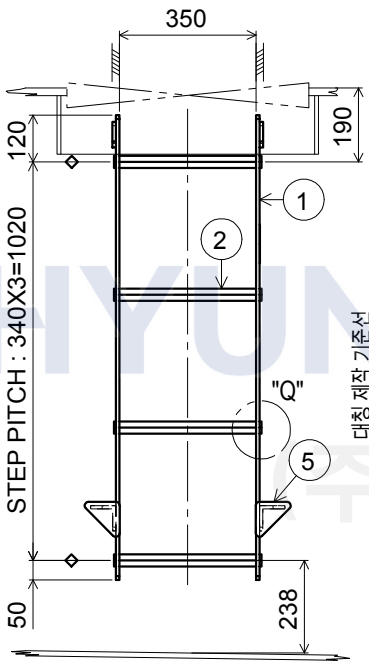
3, 4	PAD	10t PLATE	SS400	2	1.0	
2	SUPPORT	75X75X9t E.A	SS400	2	8.7	
1	EYE PLATE	15t PLATE	SS400	1	1.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

DETAIL OF VERTICAL LADDER

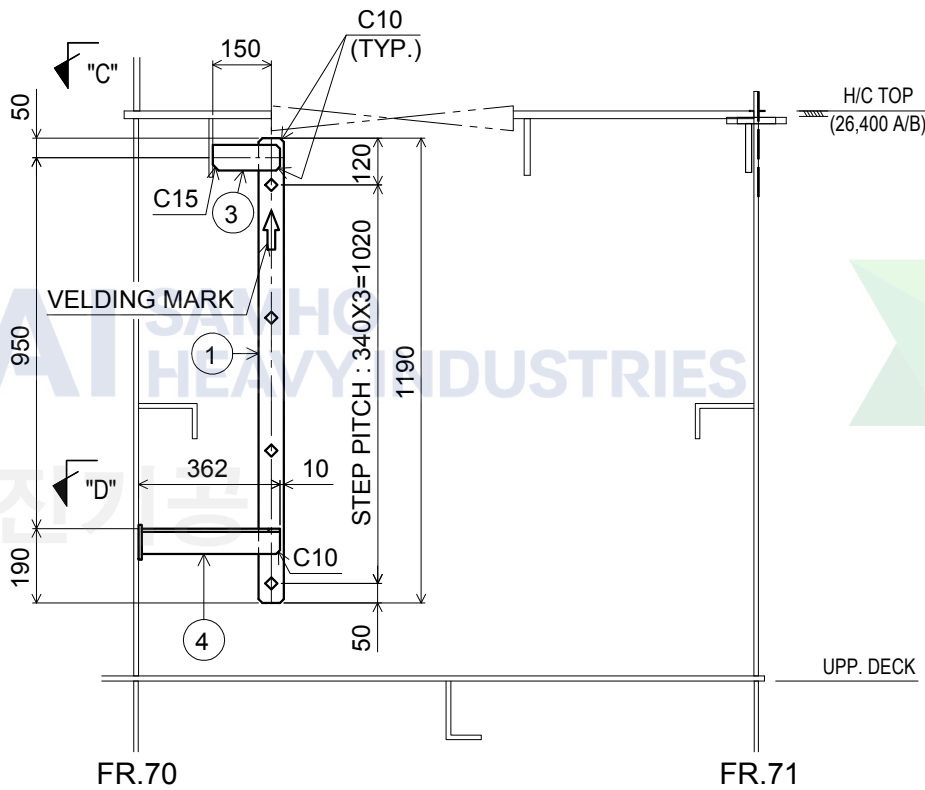
SHIP NO.	8158 - 8160	15
DWG NO.	T24T0-C26-56BB	
설치 BLOCK		
C16AL(P) C16AL(S)		

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
C16AL(P)	VL-312AP	1	26.3	대칭제작
C16AL(S)	VL-312AS	1	26.3	본도제작

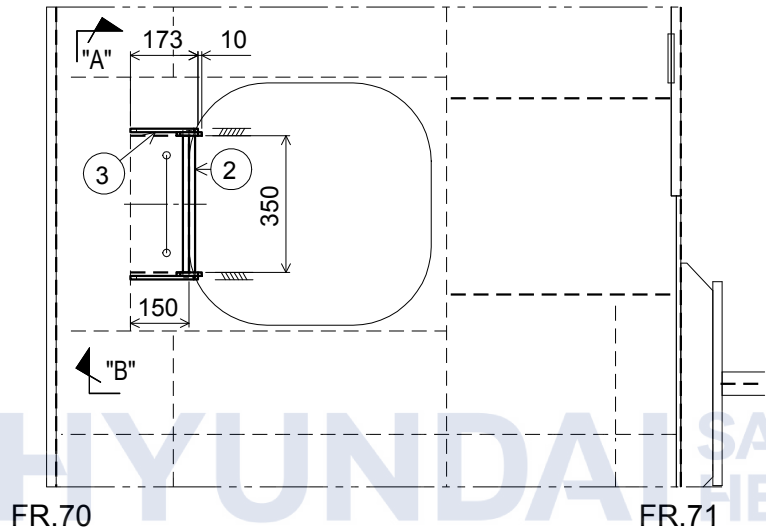
VIEW - "A"



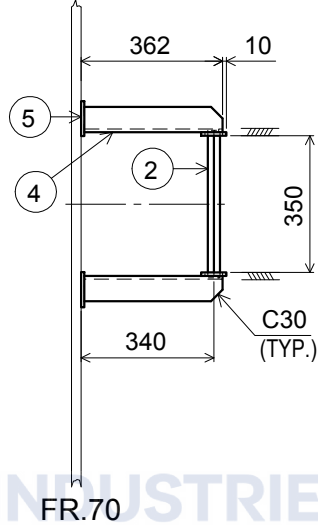
VIEW - "B"



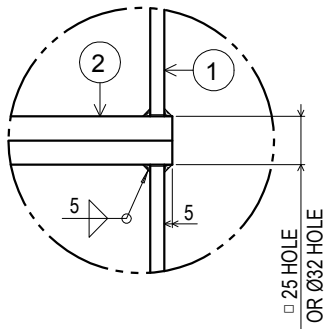
PLAN  
(VIEW - "C")



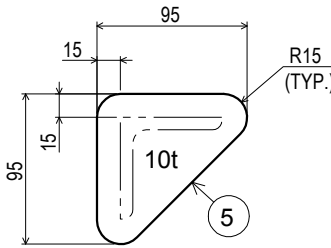
PLAN  
(VIEW - "D")



DETAIL OF "Q"



DETAIL OF PAD



5	PAD	10t PLATE	SS400	2	2.0	
4	LUG	65 X 65 X 8t E.A	SS400	2	6.0	
3	LUG	65 X 9t F.B	SS400	2	1.6	
2	STEP	22 SQ.BAR	SS400	4	5.7	
1	SIDE FRAME	65 X 9t F.B	SS400	2	11.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK