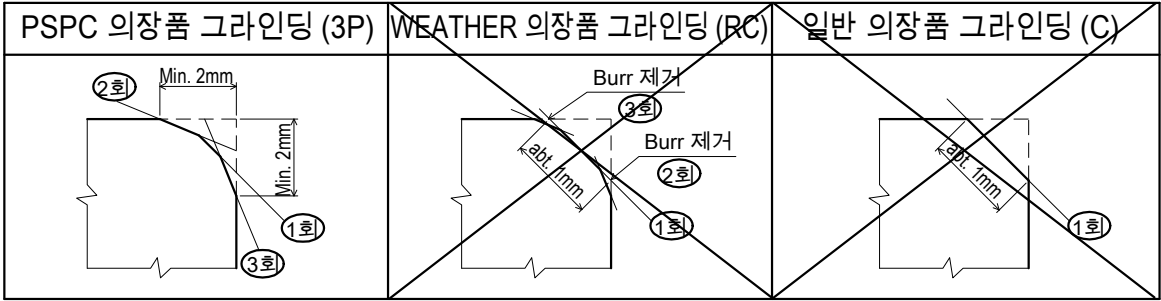


PLAN HISTORY					
DATE	REV. NO.	DESCRIPTION	DRAWN	CHKD	APPRD
2021. 12.01	0	8105 ~ 8107 호선 LADDER & PLATFORM FOR NO.4 W.B.TANK 제작 도면으로 작성함.	고상우	황규성	김동휘

PAINTING SPEC.						PAINT SUPPLIER
PAINT'G SYMBOL	PAINT ITEM OR AREA	MATERIAL	SHOP PRIMER	표면 처리	BRAND NAME OF PAINT AND ITS COLOR SHADE	T (M) REMARK
PAINT CODE는 납기 LIST 및 도면 참조하여 시공할 것.						
PAINT CODE : "PP" 는 PSPC 의장품 그라인딩(3P) 적용하여 제작.						
외주 MAKER PAINT 시공범위	ITEM	IN SIDE & OUT SIDE			IN SIDE	OUT SIDE
		FINAL	SHOP PRIMER	PRIMER		

NOTE

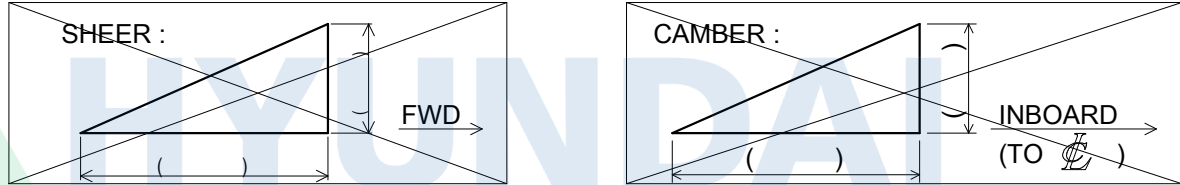
1. 본도는 LADDER & PLATFORM FOR NO.4 W.B.TANK 제작도임.  
2. 모서리 부분은 하기와 같이 그라인딩 할 것.




3. 용접은 특기의 하기표 참조하여 연속 용접 할 것.  
\* 필렛의 용접각장은 아래를 따를 것.

재료의 두께	4.5	6	7~8	9~10	11~12	13	14~15	16~18	19~20
용접 각장	4	4	4.5	5	5.5	6	7	7.5	9

4. 제작시 DECK 상의 SHEER ( S: ) 와 캠버(CAMBER) ( C: ) 필히 적용 할 것.



5. 한 도면에서 서로 상이부분이 있거나 제작상 문제점 발생시 필히 당부와 협의/확정 후 제작 완료 할 것.  
6. 본 도면상에 표기된 자재중 SS400, 단조품(SF자재) 및 용접되는 주강품(SC42) 은 탄소(C) 함유량이 0.23% 이하가 되어야함에 유의 할 것. (자재 MILL SHEET 제출요)  
또한, 주강품은 용접시 예열(200℃)한 후 용접하여 용접균열을 방지할 것.  
7. 볼트 길이는 너트 체결후 약 2~3 산이 남도록 할 것.  
8. 이름/경고판 시공기준 : 모든 이름/경고판은 전면에 페인트나 신나에 녹지않는 비닐테이프를 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 유지하여 입고 할 것. (이름, 경고판 재질: SUS316 & SUS316 SCREW BOLT)  
9. 그리스 니벨 : JIS B 1575 A-PT1/8" BALL TYPE 러버 캡을 씌울것.[재질:브라스(BRASS)]  
10. P.O.R NO: JWf  
11. TOTAL WEIGHT : 3,774.6 kg/SHIP

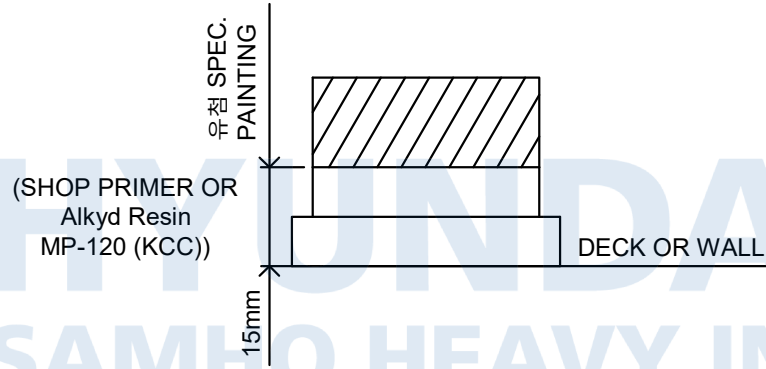
( 12 SHEETS WITH COVER )			
DEP'T NO. B026	SHIP NO. 8105 ~ 8107	SHIP TYPE 174,000 CBM CLASS LNGC (MARK III FLEX, MEMB., XDF)	
TEL. NO. 2862	SHIP DESIGN OFFICE 선장설계부	SHIP NAME	
APPROVED BY 김 동 휘		TITLE  LADDER & PLATFORM FOR NO.4 W.B.TANK  제 작 도	
CHECKED BY 황 규 성			
DRAWN BY 고 상 우			
		SCALE	DWG NO. S13W0-C26-56BB-0
Hyundai Samho Heavy Industries Co., Ltd Samho Shipyard Korea		DATE 2021. 12. 01	CONSOLIDATED NO.

08105-S13W0C2656BB-001



## 제작사양서 (외주구매용)

1. GALV. 두께 : HOT DIP GALV. 55~80 $\mu$  ( 단, BOLT/NUT류는 45~65 $\mu$  시공)
2. GREASE NIPPLE은 FULL GREASING하고 규정된 고무 CAP을 씌울 것.
3. SS400이 아닌 재질의 BOLT/NUT는 재질을 PUNCHING 할 것.
4. 도장 : 유첨 SPEC. 에 준하되 특히 DECK에 취부되는 부위는  
DECK OR WALL에서 15mm까지는 SHOP PRIMER 시공 할 것.
5. HOT-DIP GALV. : DECK/WALL 에서 취부되는 부위는 DECK/WALL에서 15mm까지는  
ALKYD RESIN MP-120(KCC) COATING 하여 도금이 되지 않도록 할 것.



6. GALV. 용 HOLE 시공할 경우는 GALV. 후 메공하고 GALV. 손상부위 수정 후 입고 할 것.
7. 납품시 P.O.R SHEET와 유첨도를 첨부 할 것.
8. MAKER CERTIFICATE (특수재료는 MILL SHEET)를 첨부 할 것.
9. 무도장으로 입고되는 품목으로서 그 품목의 일부분이 도금이 되어있는 경우는  
SHOT BLASTING으로부터 도금부분이 훼손되지 않도록 보호 MASKING을 하여 입고 할 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 입고 시킬 것.
11. 의장품 자재 입고시 상,하,좌,우로 움직일 수 있는 항목들은 상기 10)번항에 의거하여  
반드시 고박하여 입고할 것.(안전사고 사전 방지)
12. 납품시 하기 참고하여 입고 할 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.

## 제품별 납기 LIST

SHIP NO.	8105 ~ 8107	001
DWG NO.	S13W0-C26-56BB	

P.O.R NO.	SEQ. NO.	BLOCK	STAGE	MARK NO.	DESCRIPTION	PAINT CODE	Q'TY /SHIP	WEIGHT (KG/SET)	설치부서
JWF	01	S11P	CS	ILW-401P	INCLINED LADDER	PP	1	249.6	LB1
	02	S11P	CS	ILW-402P	INCLINED LADDER	PP	1	252.0	LB1
	03	S11P	CS	ILW-403P	INCLINED LADDER	PP	1	325.4	LB1
	04	S11S	CS	ILW-401S	INCLINED LADDER	PP	1	249.6	LB1
	05	S11S	CS	ILW-402S	INCLINED LADDER	PP	1	252.0	LB1
	06	S11S	CS	ILW-403S	INCLINED LADDER	PP	1	325.4	LB1
	07	S13P	CS	VLW-401P	VERTICAL LADDER	PP	1	36.3	BS1
	08	S13P	CS	PFW-402P	PLATFORM	PP	1	170.5	BS1
	09	S13S	CS	VLW-401S	VERTICAL LADDER	PP	1	36.3	BS1
	10	S13S	CS	PFW-402S	PLATFORM	PP	1	170.5	BS1
	11	B51P	CS	ILW-404P	INCLINED LADDER	PP	1	177.4	BS2
	12	B51P	C1	ILW-405P	INCLINED LADDER	PP	1	535.5	HP1
	13	B51P	CS	PFW-401P	PLATFORM	PP	1	140.6	BS2
	14	B51S	CS	ILW-404S	INCLINED LADDER	PP	1	177.4	BS2
	15	B51S	C1	ILW-405S	INCLINED LADDER	PP	1	535.5	HP1
	16	B51S	CS	PFW-401S	PLATFORM	PP	1	140.6	BS2

TOTAL WEIGHT : 3,774.6 kg/SHIP



DETAIL OF VERTICAL LADDER

※ STPE PITCH : 340 임에 유의할 것.

SHIP NO. 8105 ~ 8107

002

DWG NO. S13W0-C26-56BB

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S13P	VLW-401P	1	36.3	본도 제작
S13S	VLW-401S	1	36.3	대칭 제작

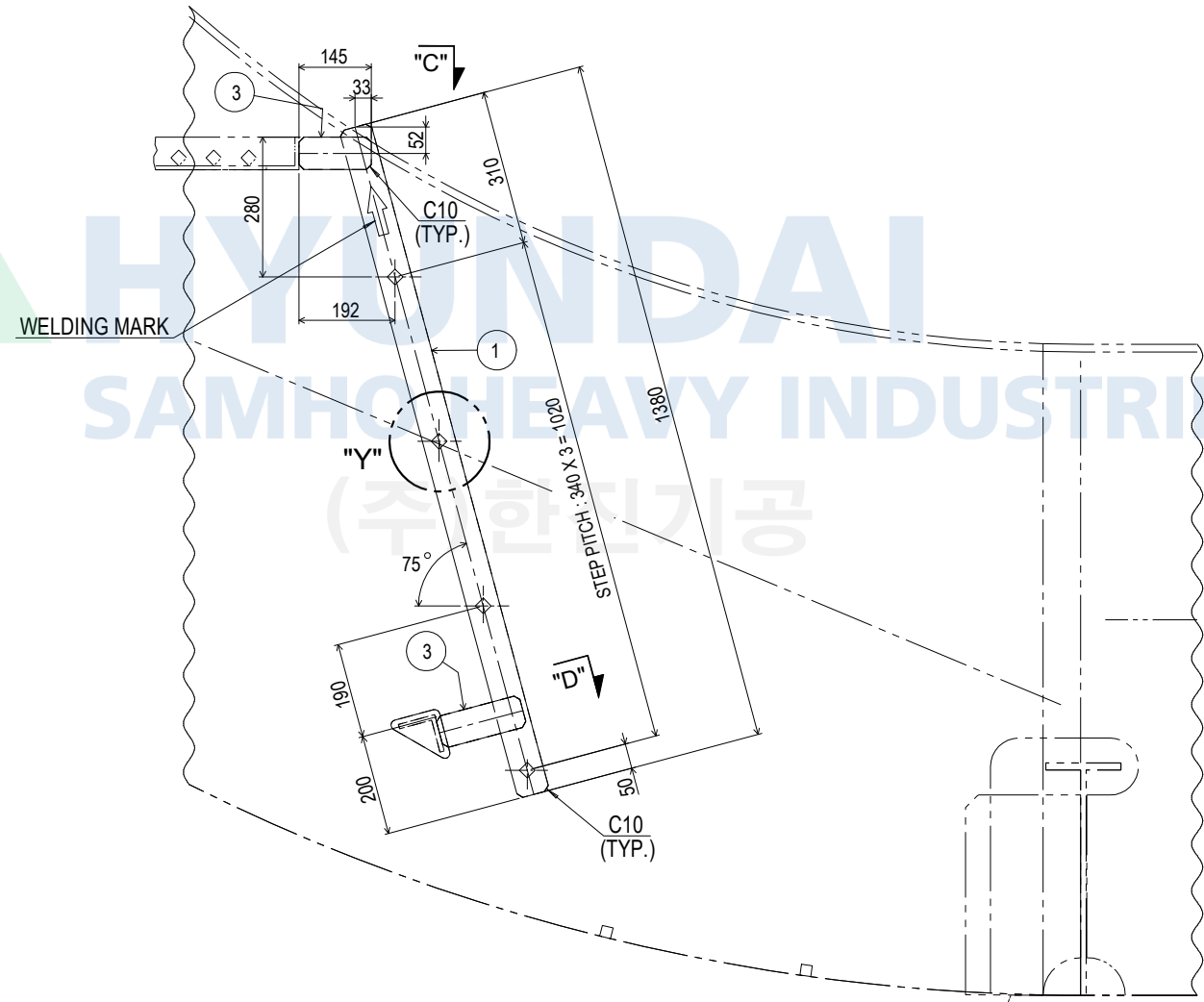
설치 BLOCK

S13P  
S13S

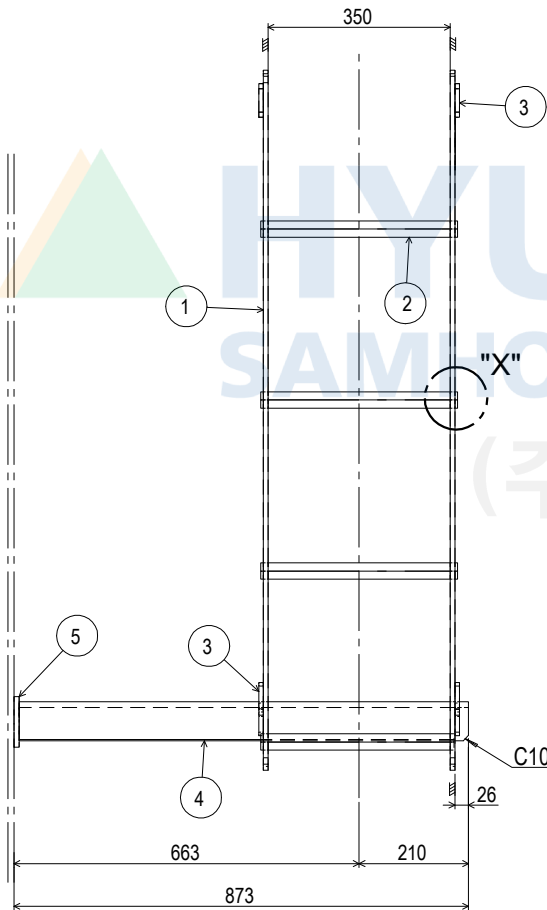
NOTE

- 본도는 PORT SIDE (MARK NO. : VLW-401P) 를 나타냄.  
ST'BD SIDE (MARK NO. : VLW-401S)는 대칭으로 제작할 것.
- 대칭 제작에 주의하여 제작할 것.
- STEP PITCH : 340MM에 주의할 것.
- PAINT CODE : PP

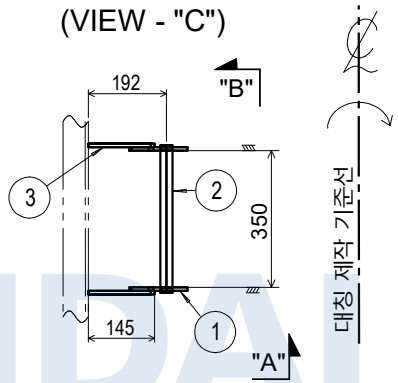
VIEW - "A"



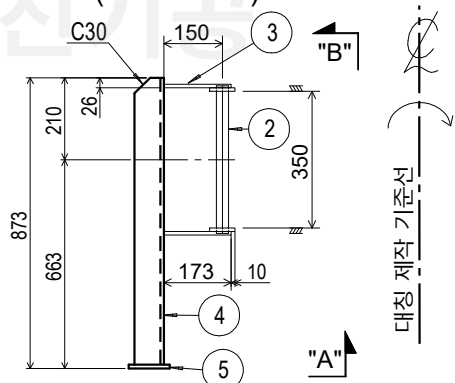
VIEW - "B"



PLAN  
(VIEW - "C")

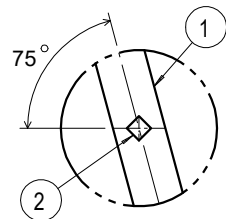


PLAN  
(VIEW - "D")

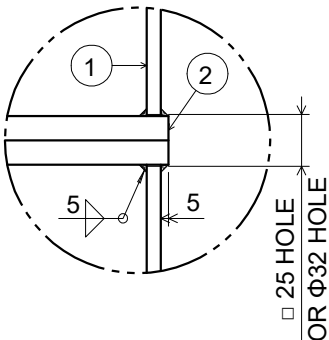


DETAIL OF "Y"

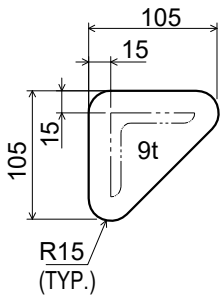
V-LADDER STEP은  
수평하게 제작할 것.



DETAIL OF "X"



DETAIL OF PAD



5	PAD	9t PLATE	SS400 OR SS275	1	1.0	
4	SUPPORT	75 x 75 x 9t E.A	SS400 OR SS275	1	11.5	
3	LUG	65 X 9t F.B	SS400 OR SS275	4	3.6	
2	STEP	22 SQ.BAR	SS400 OR SS275	4	6.0	
1	SIDE FRAME	65 X 9t F.B	SS400 OR SS275	2	14.2	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



※ 각도에 주의하여 제작할 것.(60도)

## DETAIL OF INCLINED LADDER

※ STPE PITCH : 250 임에 유의할 것.

SHIP NO.	8105 ~ 8107	003
DWG NO.	S13W0-C26-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S11P	ILW-401P	1	249.6	본도 제작
S11S	ILW-401S	1	249.6	대칭 제작

설치 BLOCK

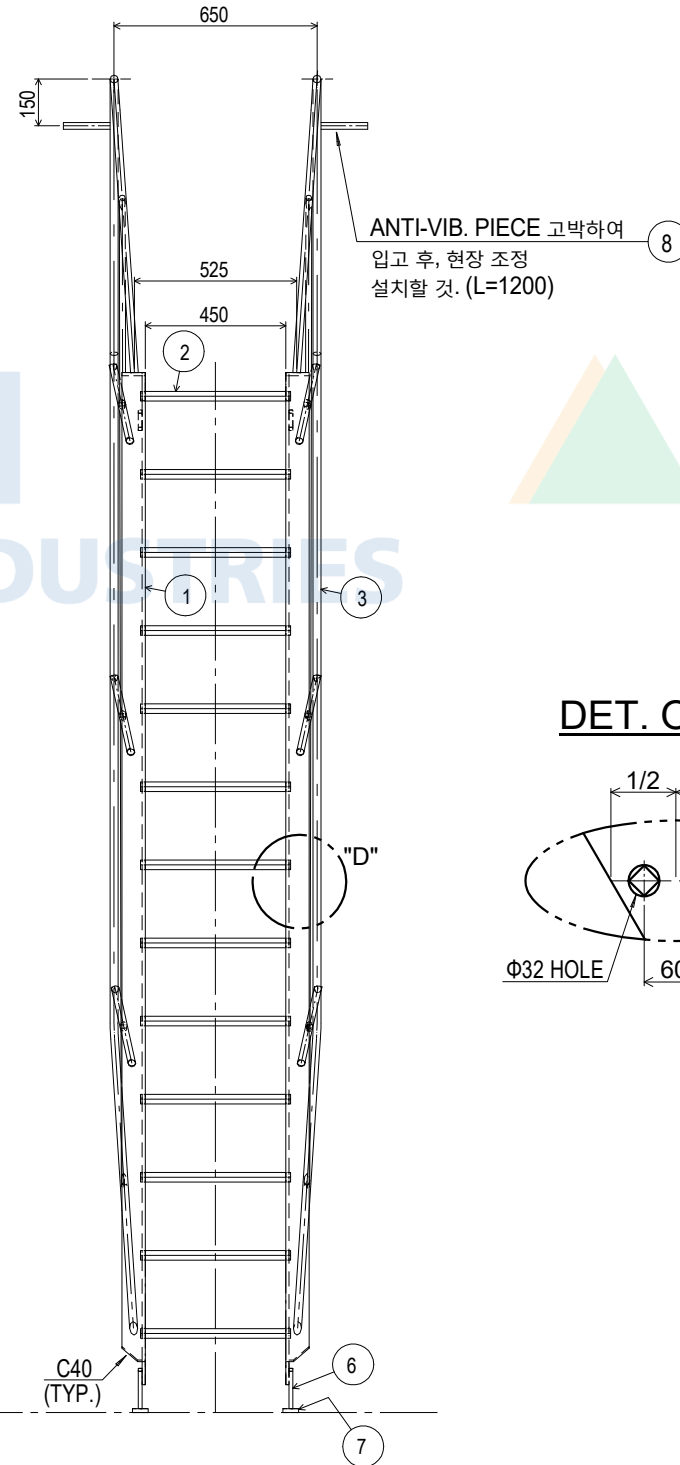
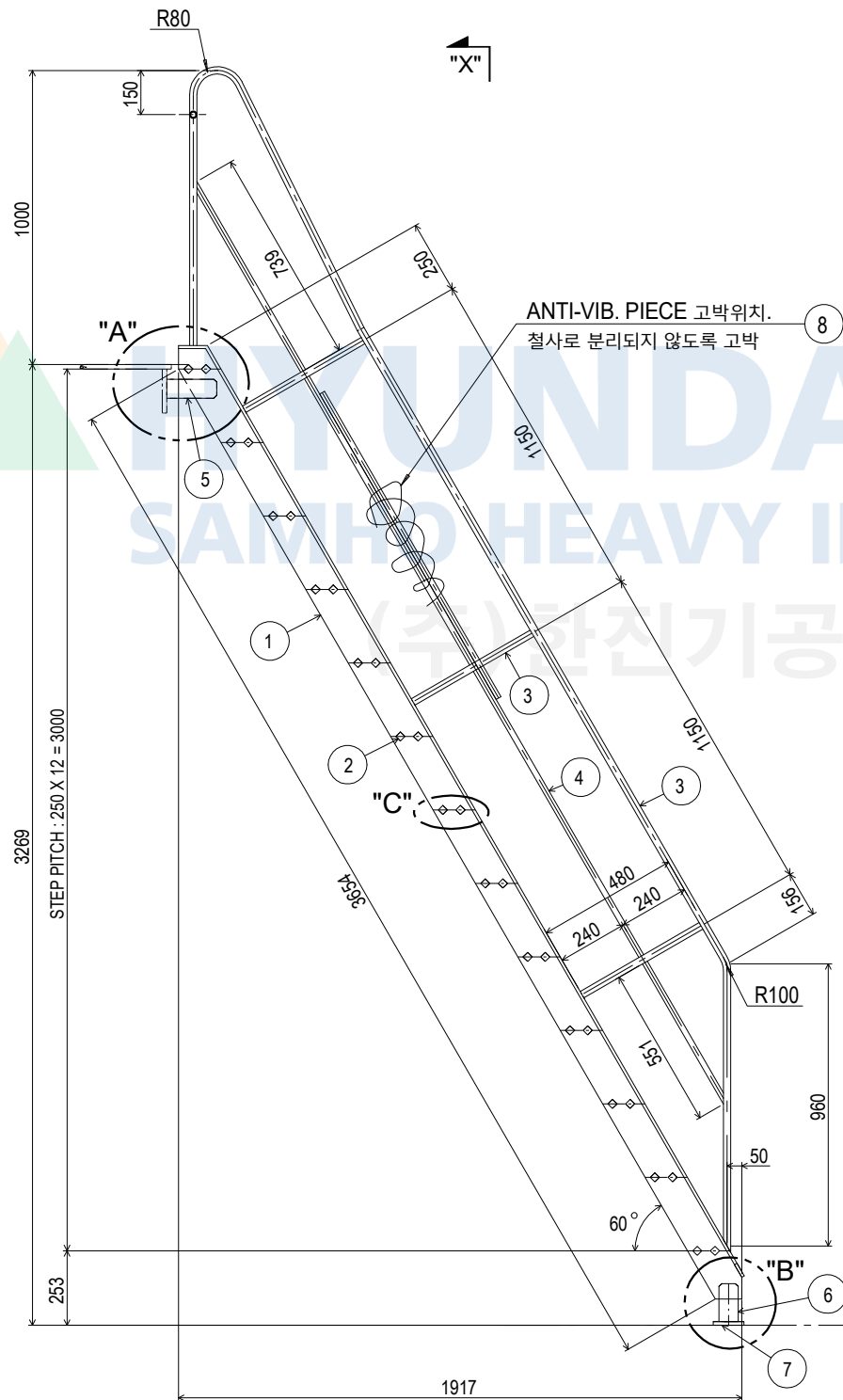
S11P  
S11S

### NOTE

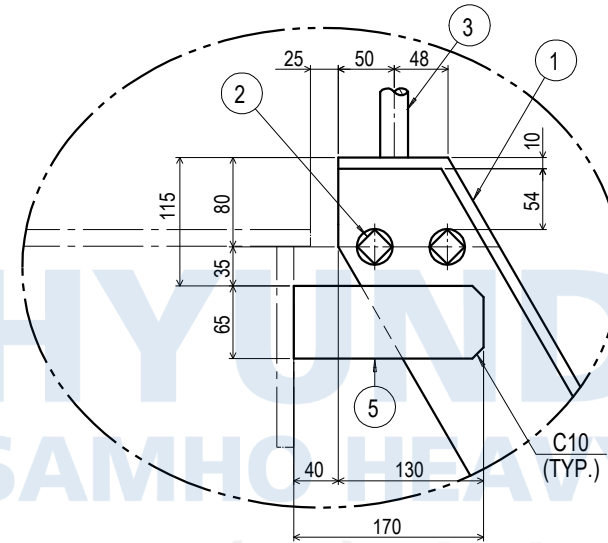
- 본도는 PORT SIDE (MARK NO. : ILW-401P)를 나타냄.  
STB'D SIDE (MARK NO. : ILW-401S)는 대칭으로 제작할 것.
- PAINT CODE : PP

### LOOKING TO ELEV.

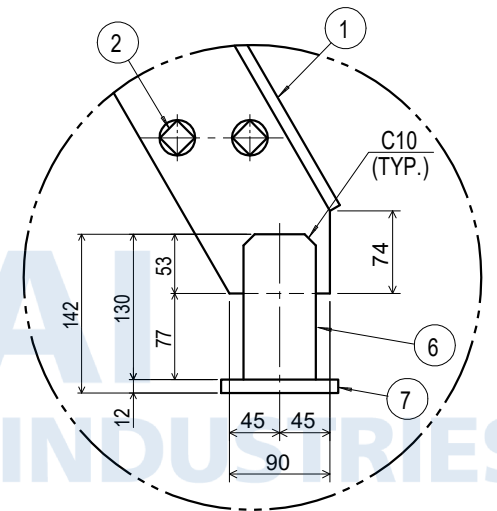
### VIEW - "X"



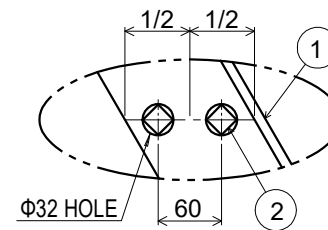
### DET. OF "A"



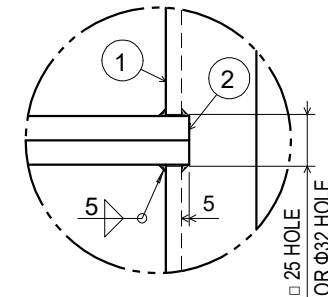
### DET. OF "B"



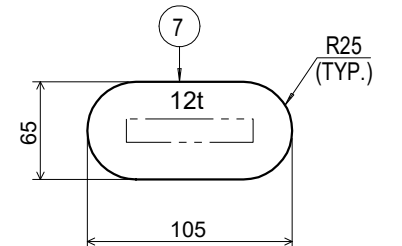
### DET. OF "C"



### DET. OF "D"



### DET. OF "PAD"



8	ANTI-VIB. PIECE	Φ22 R.BAR	SS400 or SS275	1	3.6	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	3.0	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	3.0	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	17.6	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	57.6	
2	STEP	22 SQ.BAR	SS400 or SS275	26	49.4	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	114.4	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

O8105-S13W0C2656BB-003





※ 각도에 주의하여 제작할 것.(60도)

## DETAIL OF INCLINED LADDER

※ STPE PITCH : 255 임에 유의할 것.

SHIP NO. 8105 ~ 8107 004  
DWG NO. S13W0-C26-56BB

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S11P	ILW-402P	1	252.0	본도 제작
S11S	ILW-402S	1	252.0	대칭 제작

설치 BLOCK

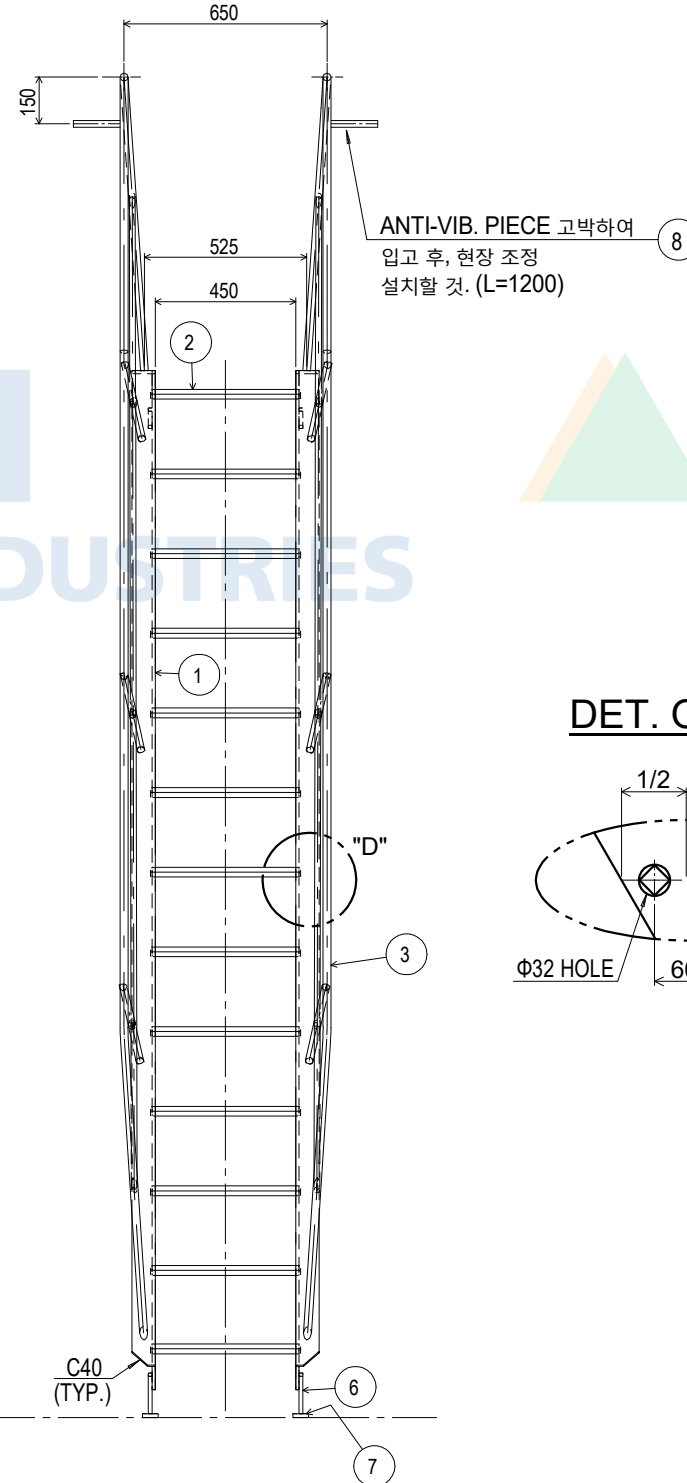
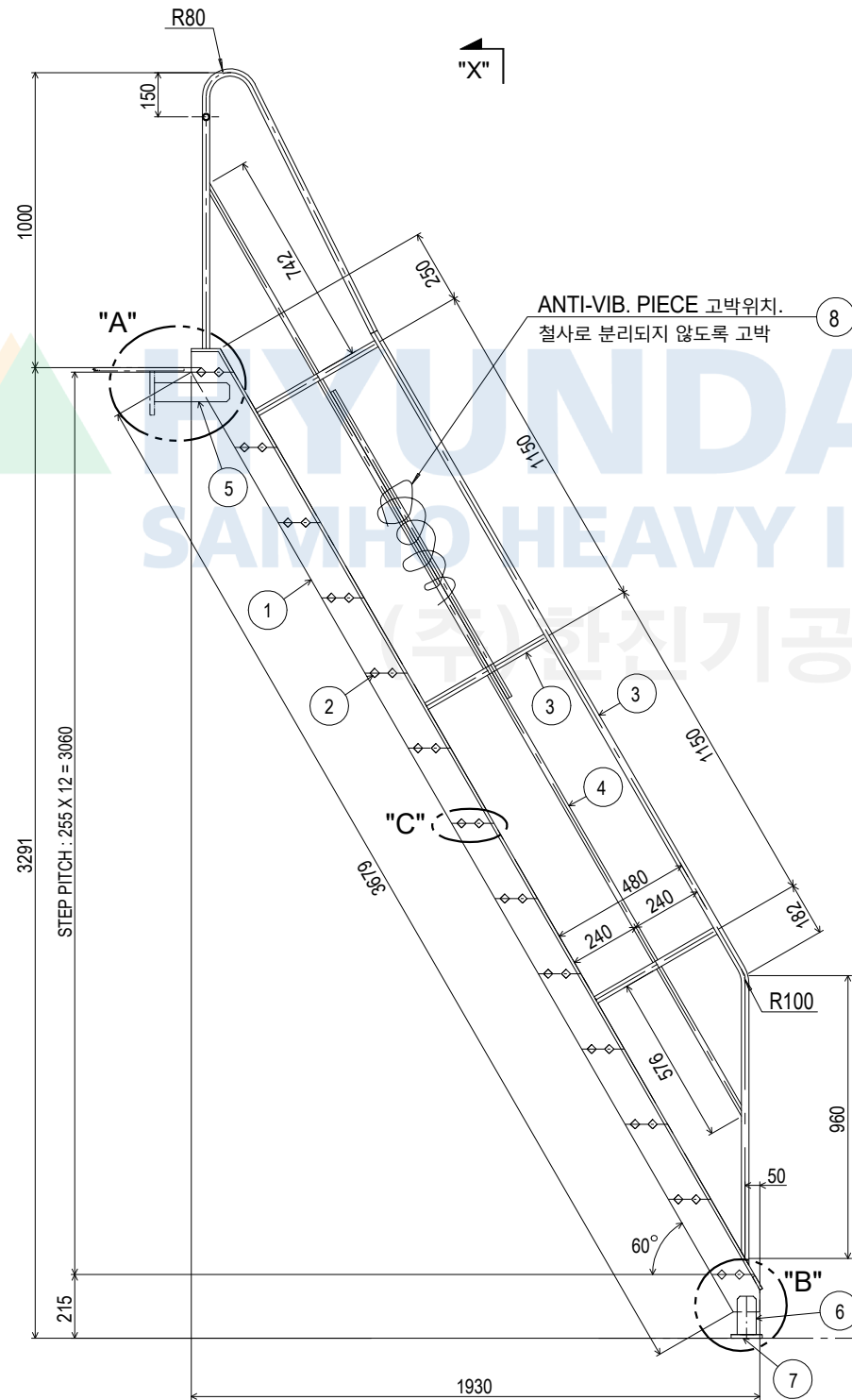
S11P  
S11S

### NOTE

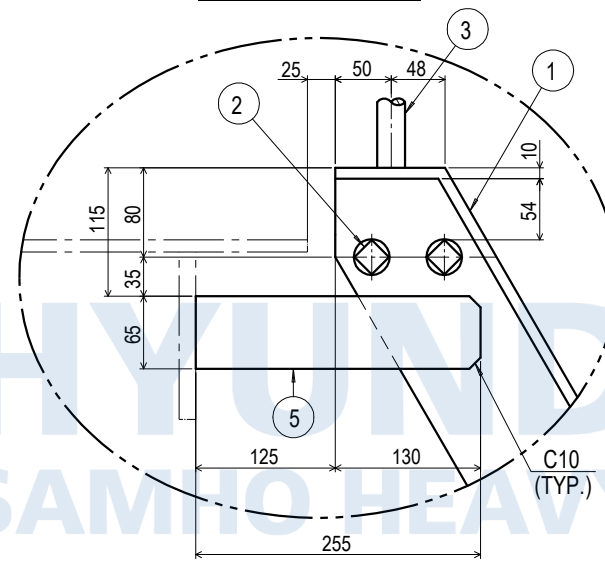
- 본도는 PORT SIDE (MARK NO. : ILW-402P)를 나타냄.  
STB'D SIDE (MARK NO. : ILW-402S)는 대칭으로 제작할 것.
- PAINT CODE : PP

### LOOKING TO ELEV.

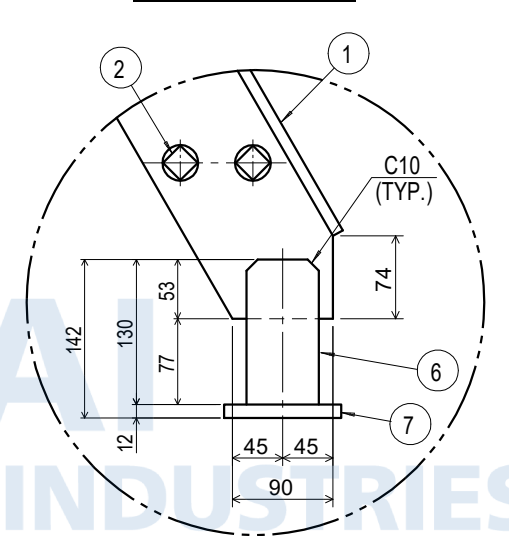
### VIEW - "X"



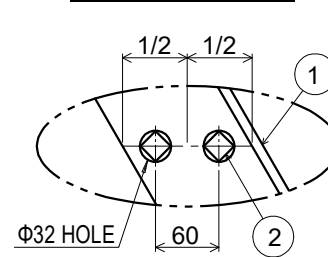
### DET. OF "A"



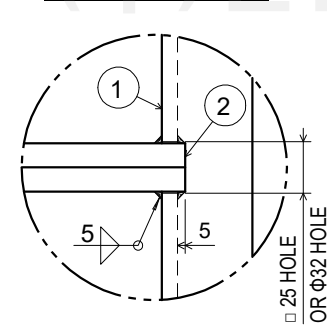
### DET. OF "B"



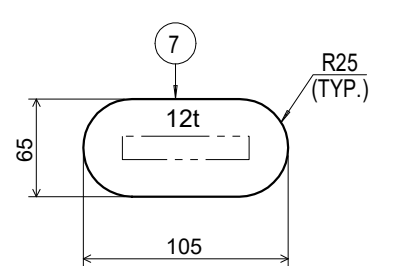
### DET. OF "C"



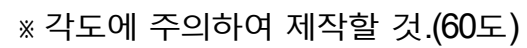
### DET. OF "D"



### DET. OF "PAD"



8	ANTI-VIB. PIECE	Φ22 R.BAR	SS400 or SS275	1	3.6	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	3.0	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	4.0	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	17.6	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	57.6	
2	STEP	22 SQ.BAR	SS400 or SS275	26	49.4	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	115.8	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



※ STPE PITCH : 255 임에 유의할 것.

SHIP NO.	8105 ~ 8107	005
DWG NO.	S13W0-C26-56BB	

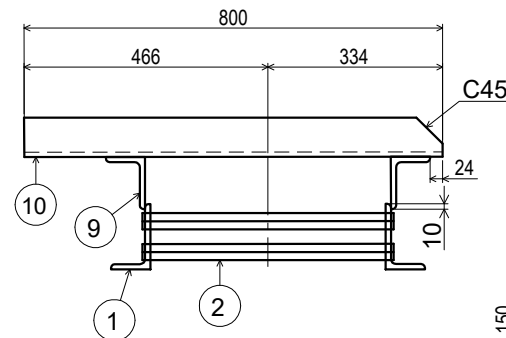
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S11P	ILW-403P	1	325.4	본도 제작
S11S	ILW-403S	1	325.4	대칭 제작

설치 BLOCK

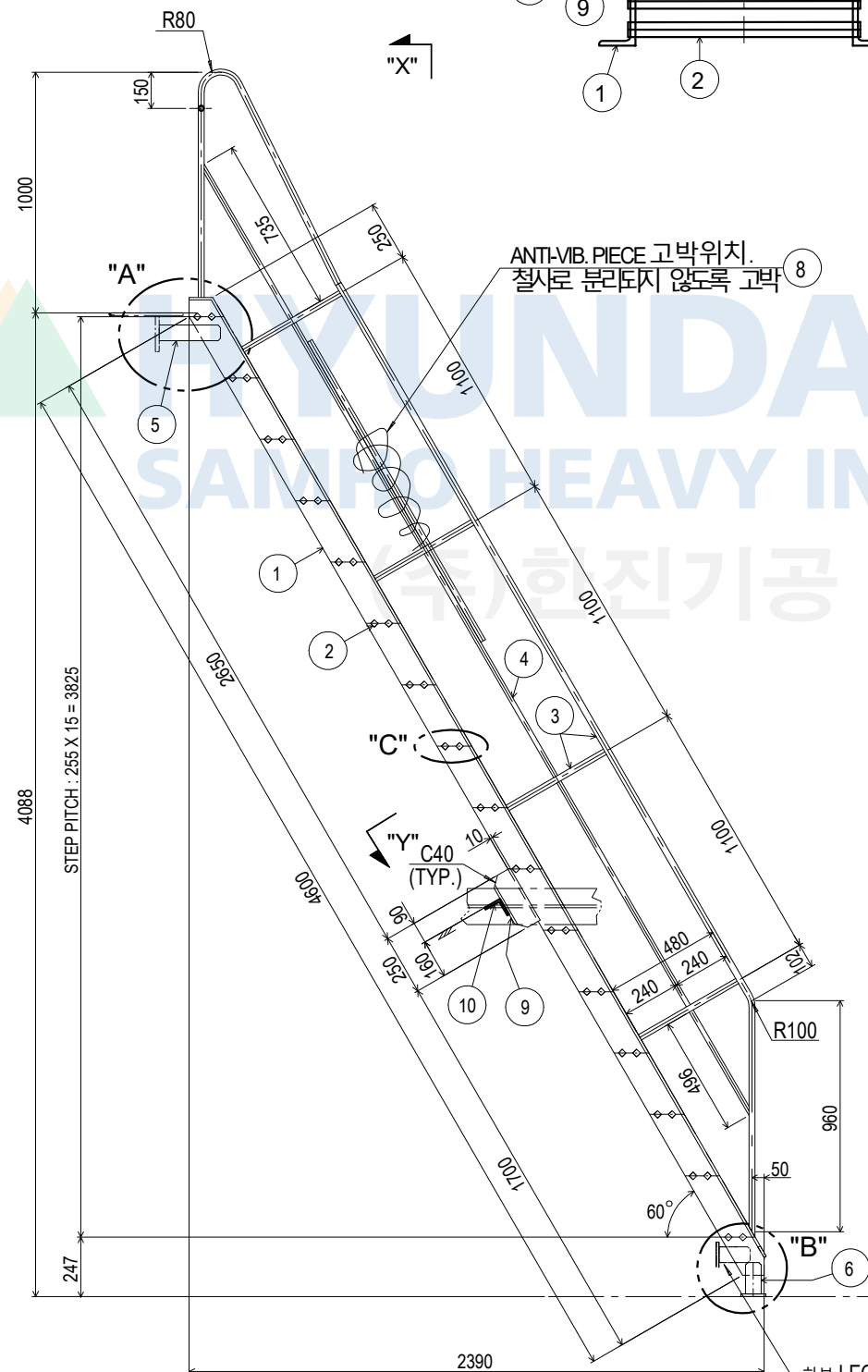
S11P  
S11S

VIEW OF "Y"  
(DETAIL OF SUPPORT)

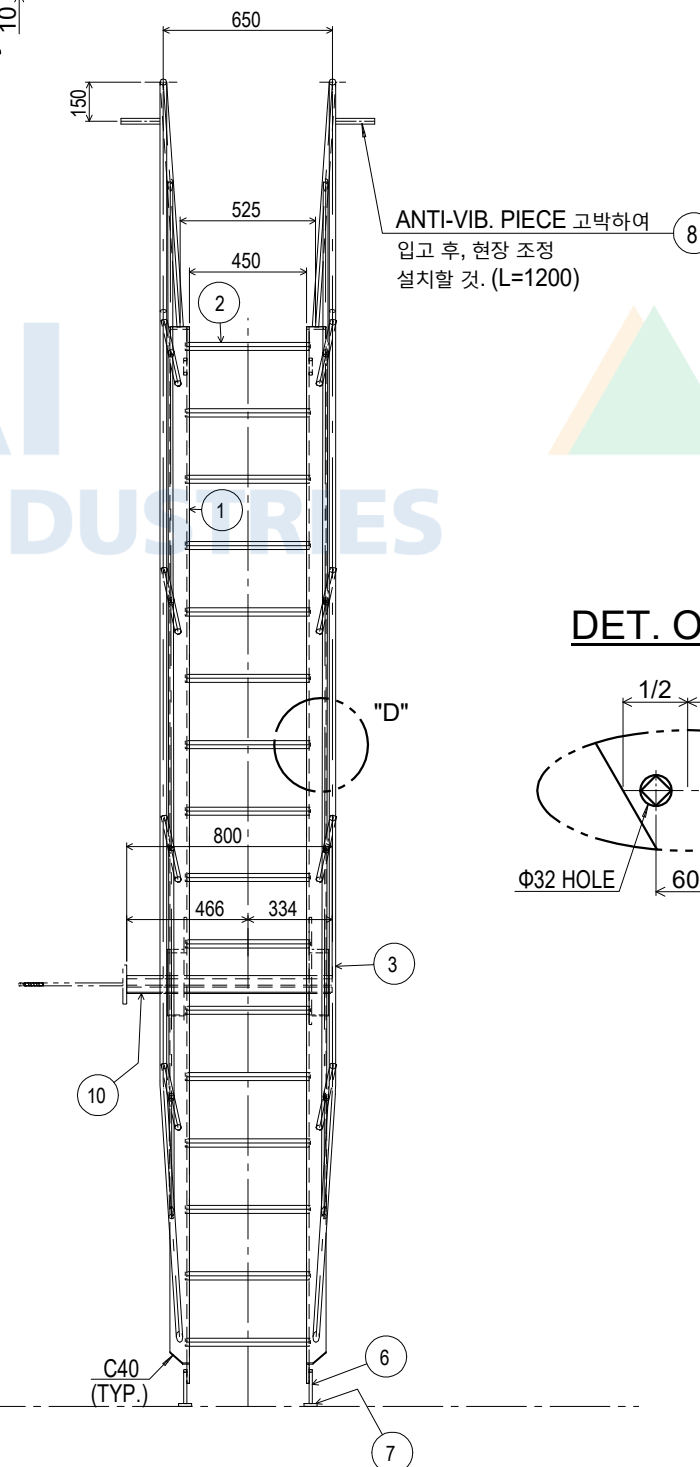
L = 800으로 제작하여 고박 입고 후  
현장 조정 설치할 것.



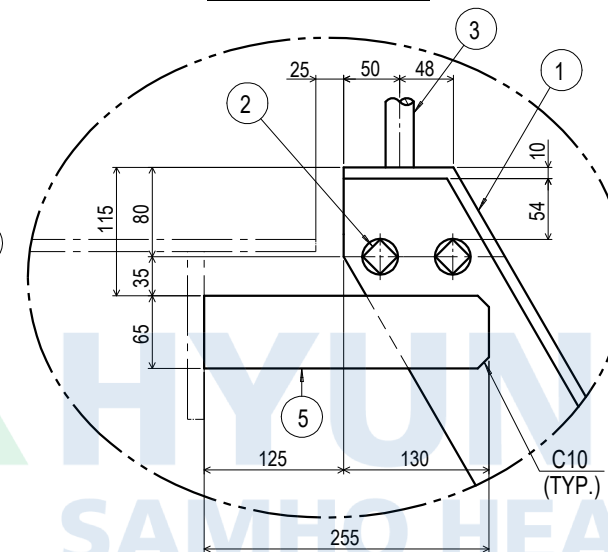
LOOKING TO ELEV.



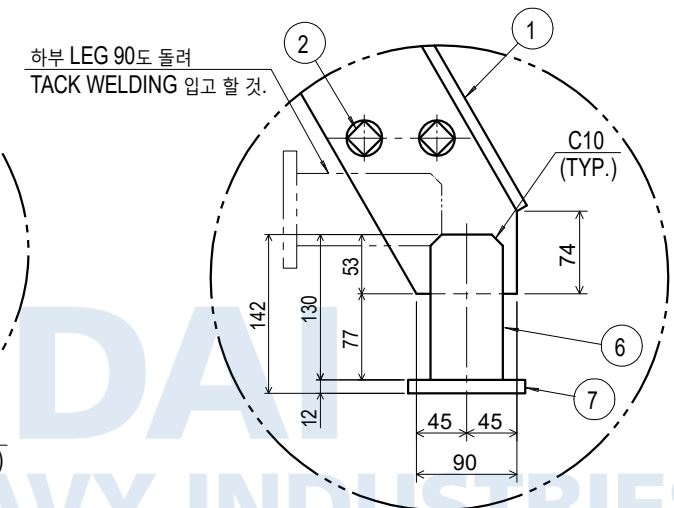
VIEW - "X"



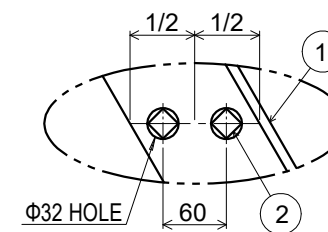
DET. OF "A"



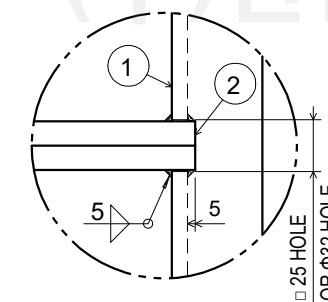
DET. OF "B"



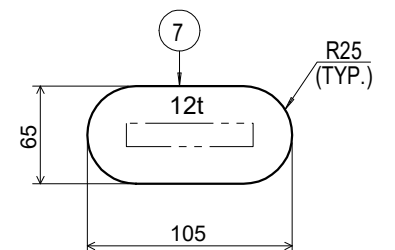
DET. OF "C"



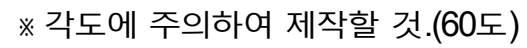
DET. OF "D"



DET. OF "PAD"



10	SUPPORT	75 X 75 X 9t E.A	SS400 or SS275	1	9.5	고박입고
9	STIFFNER	100 X 75 X 10t U.A	SS400 or SS275	2	6.5	
8	ANTI-VIB. PIECE	Φ22 R.BAR	SS400 or SS275	1	3.6	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	3.0	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	4.0	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	22.6	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	68.8	
2	STEP	22 SQ.BAR	SS400 or SS275	32	60.8	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	145.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



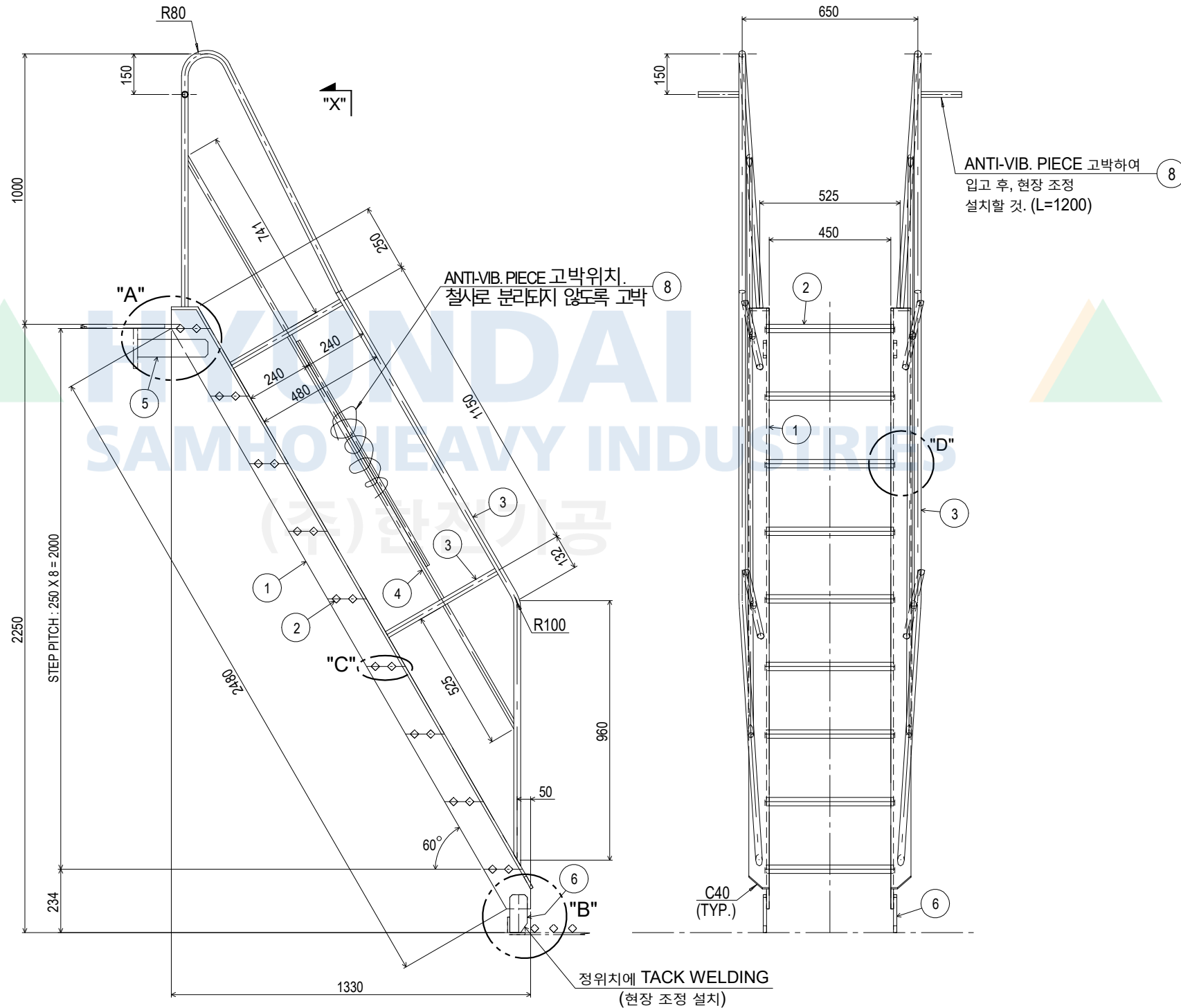
※ STPE PITCH : 250 임에 유의할 것.

SHIP NO.	8105 ~ 8107	006
DWG NO.	S13W0-C26-56BB	

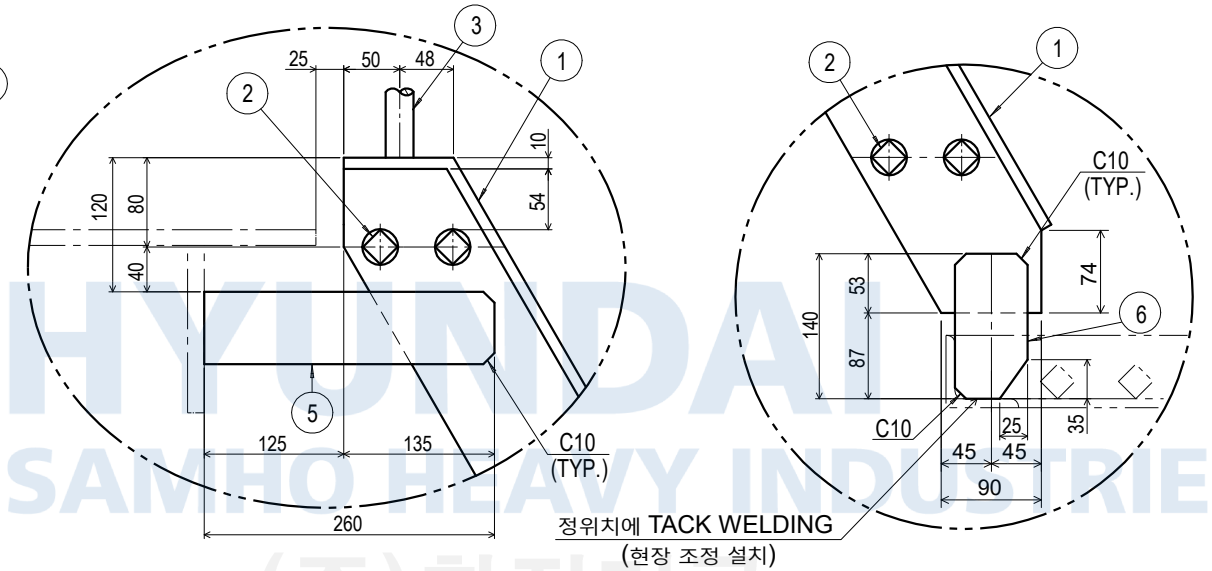
설치 BLOCK

B51P  
B51S

VIEW - "X"



DET. OF "B"

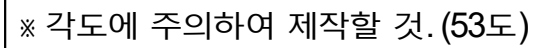


DET. OF "D"



8	ANTI-VIB. PIECE	Φ22 R.BAR	SS400 or SS275	1	3.6	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	3.0	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	4.0	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	11.8	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	42.4	
2	STEP	22 SQ.BAR	SS400 or SS275	18	34.2	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	78.4	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK





※ STPE PITCH : 250 임에 유의할 것.

SHIP NO.	8105 ~ 8107	007
DWG NO.	S13W0-C26-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
B51P	ILW-405P	1	535.5	본도 제작
B51S	ILW-405S	1	535.5	대칭 제작

설치 BLOCK

B51P  
B51S

DET. OF SUPPORT  
(VIEW - "Y")

75x75x9t E.A

위,아래 길이가 상이하므로  
주의하여 제작할 것.

## LOOKING TO FWD.

"X"

ANTI-VIB. PIECE 고박위치.  
철사로 분리도지 않도록 고박  
현장 조정 설치할 것. (L=1200)

DET. OF "C"

ANTI-VIB. PIECE  
AVP-01

PAD  
(10t PLATE)

### DETAIL OF PAD

DET. OF PAD

VIEW - "X"

AVP-01  
고박입고 후,  
현장 조정 설치

DET. OF "D"

DET. OF "A"  
(VIEW "A")

DET. OF "A1"  
(VIEW "A1")

## VIEW - "Z"

DET. OF "B"  
(VIEW "B")

DET. OF "B1"  
(VIEW "B1")

돌출 된 용접 BEAD  
6 GRINDING 후  
LUG TACK  
WELDING할 것.  
(하부 STEP 부위만 적용)

하부 LUG는 정위치  
TACK WELDING하여  
입고할 것.

하부 LUG는 정위치  
TACK WELDING하여  
입고할 것.

하부 SIDE FRAME 형상이 다른것과 상이하오니 주의하여 제작할 것.

11	AVP-01	Φ22 R.BAR, 10t PLATE	SS400 or SS275	1	1.5	고박입고
10	SUPPORT	100 x 100 x 10t E.A	SS400 or SS275	2	34.6	
9	SUPPORT	75 x 75 x 9t E.A	SS400 or SS275	4	25.4	
8	ANTI-VIB. PIECE	Φ22 R.BAR	SS400 or SS275	1	3.6	L=1200
7	PAD	9t PLATE	SS400 or SS275	2	3.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	2.5	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	2.0	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	34.8	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	102.5	
2	STEP	22 SQ.BAR	SS400 or SS275	50	95.0	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	230.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

O8105-S13W0C2656BB-007



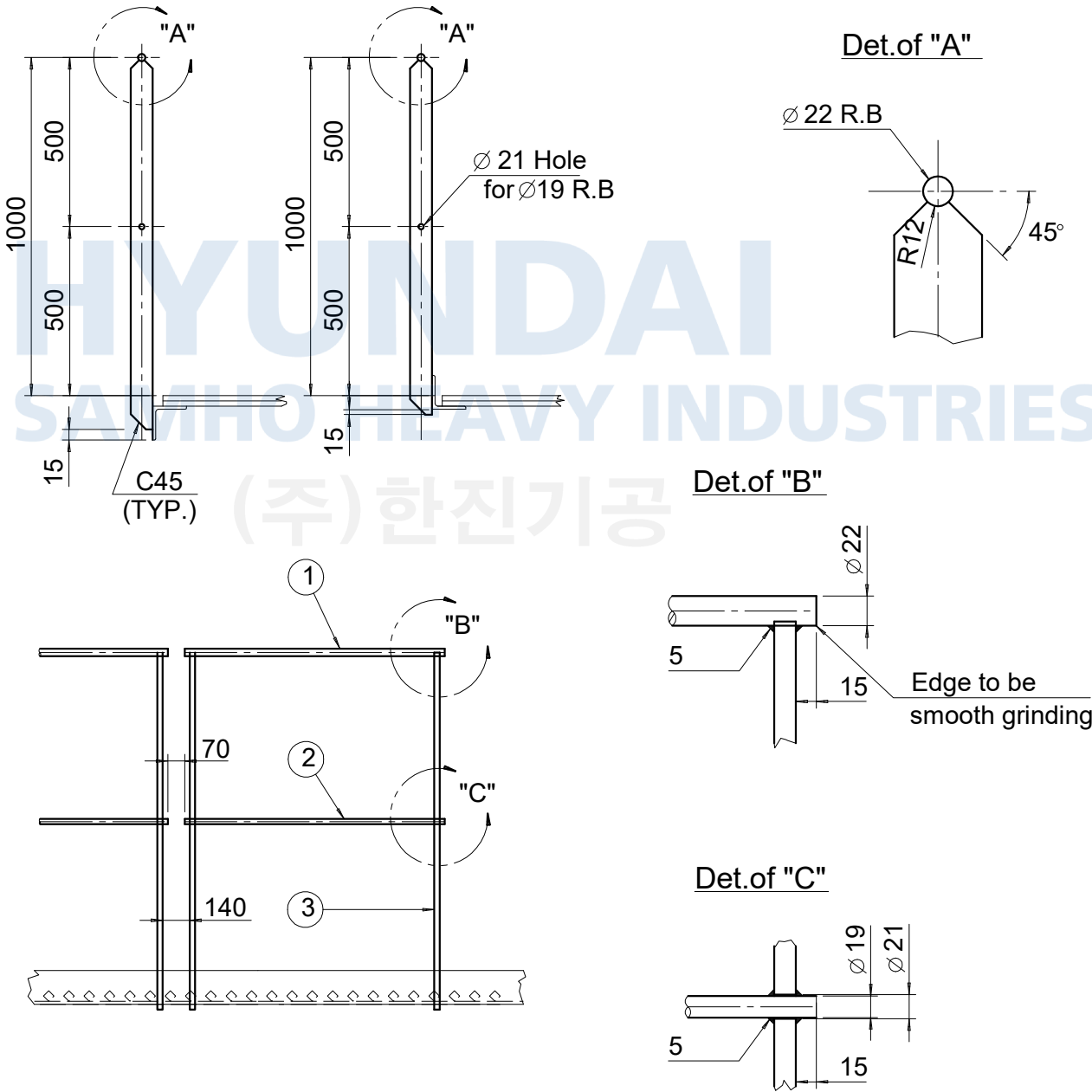


HANDRAIL (TYPE - D1)

SHIP NO.	8105 ~ 8107	008
DWG NO.	S13W0-C26-56BB	


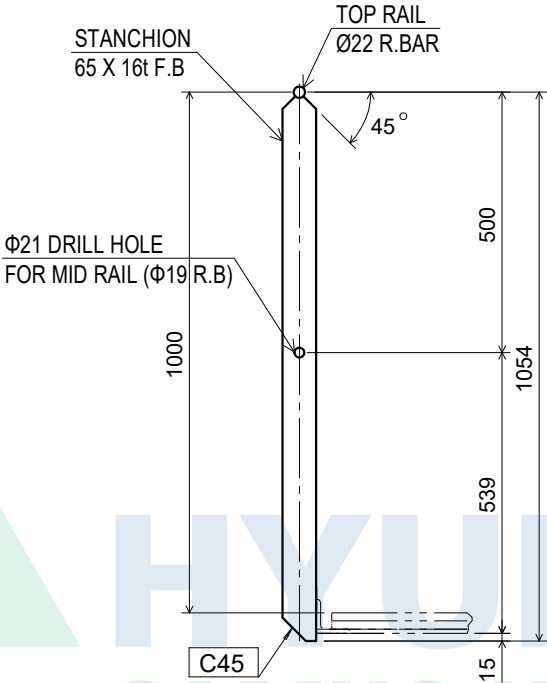
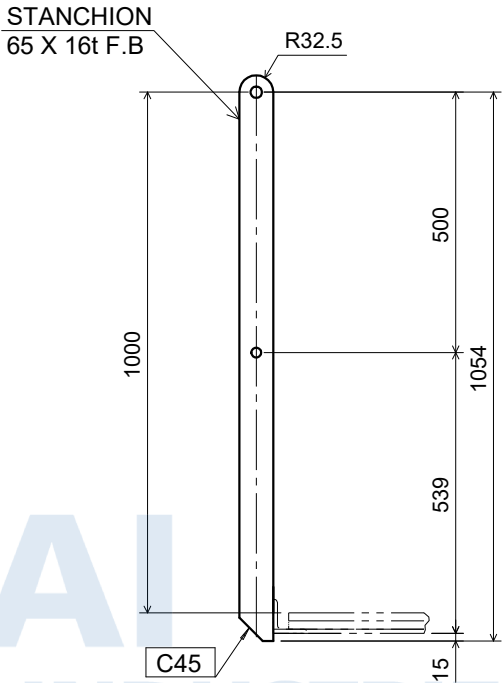
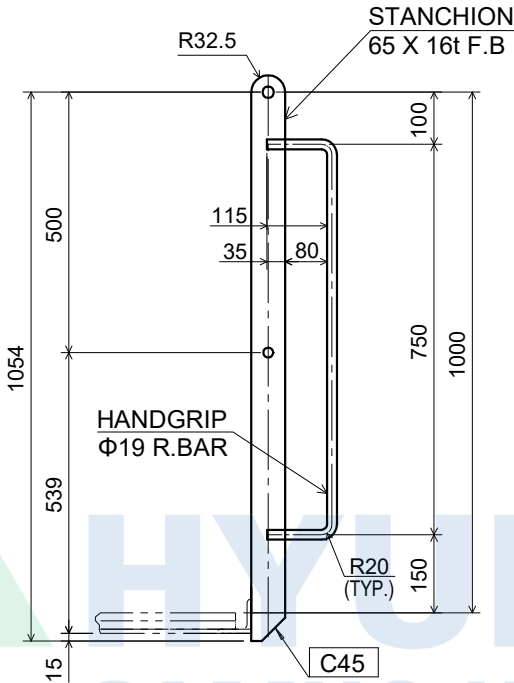
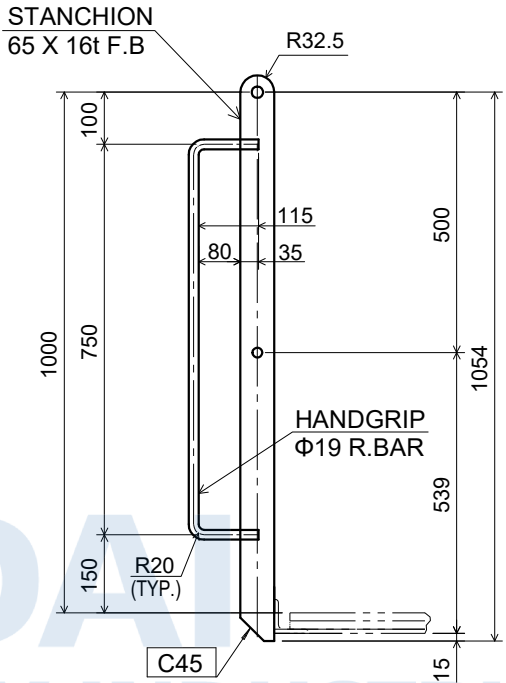
No.	Description	Size	Mat'l	Q'ty /Set	Remark
1	Top rail	Ø 22 R.B	SS400 OR SS275	1	Painted
2	Mid rail	Ø 19 R.B	SS400 OR SS275	1	Painted
3	Stanchion	65X16t F.B	SS400 OR SS275	1	Painted

Stanchion



Note

- 1.Stanchion space : Abt. 1500mm
- 2.Application : Platform inside Tanks, Trunk deck space, cofferdam, access trunk, etc.
- 3.Surface treatment shall be done in accordance with Painting specification.

	DETAIL OF STANCHION FOR RAIL			SHIP NO. 8105 ~ 8107	009
				DWG NO. S13W0-C26-56BB	
TYPE - M	TYPE - E	TYPE - EL	TYPE - ER		
 <p>(MID STANCHION에 적용)</p>	 <p>(END STANCHION에 적용)</p>	 <p>(END STANCHION에 적용)</p>	 <p>(END STANCHION에 적용)</p>		
TOP RAIL : Ø22 R.BAR	STANCHION : 65 X 16t F.BAR	TOP RAIL : Ø22 R.BAR	STANCHION : 65 X 16t F.BAR		
MID RAIL : Ø19 R.BAR		MID RAIL : Ø19 R.BAR	HAND GRIP : Ø19 R.BAR		

08105-S13W0C2656BB-009



# DETAIL OF PLATFORM

SHIP NO.	8105 ~ 8107	010
DWG NO.	S13W0-C26-56BB	

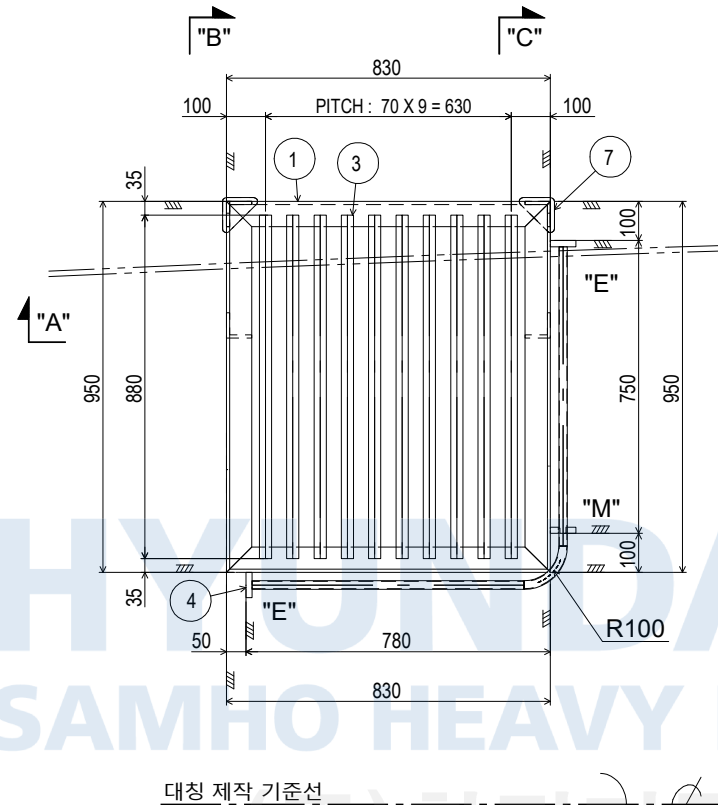
## NOTE

- 본도는 PORT SIDE (MARK NO. : PFW-401P)를 나타냄.  
STB'D SIDE (MARK NO. : PFW-401S)는 대칭으로 제작할 것.
- HANDRAIL(STANCHION) 제작시 P.008 ~ 009 DETAIL 도면 참조할 것.
- PAINT CODE : PP

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
B51P	PFW-401P	1	140.6	본도 제작
B51S	PFW-401S	1	140.6	대칭 제작

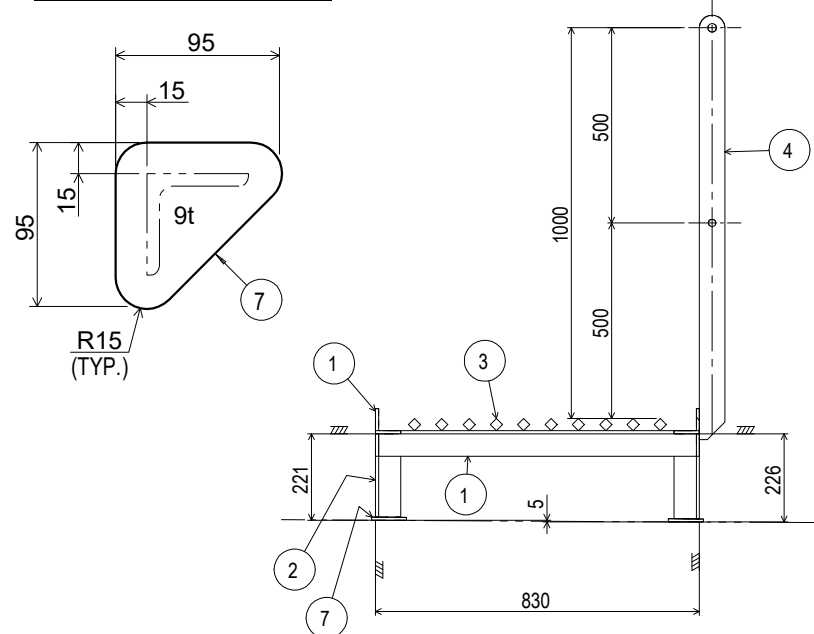
B51P  
B51S

## PLATFORM PLAN

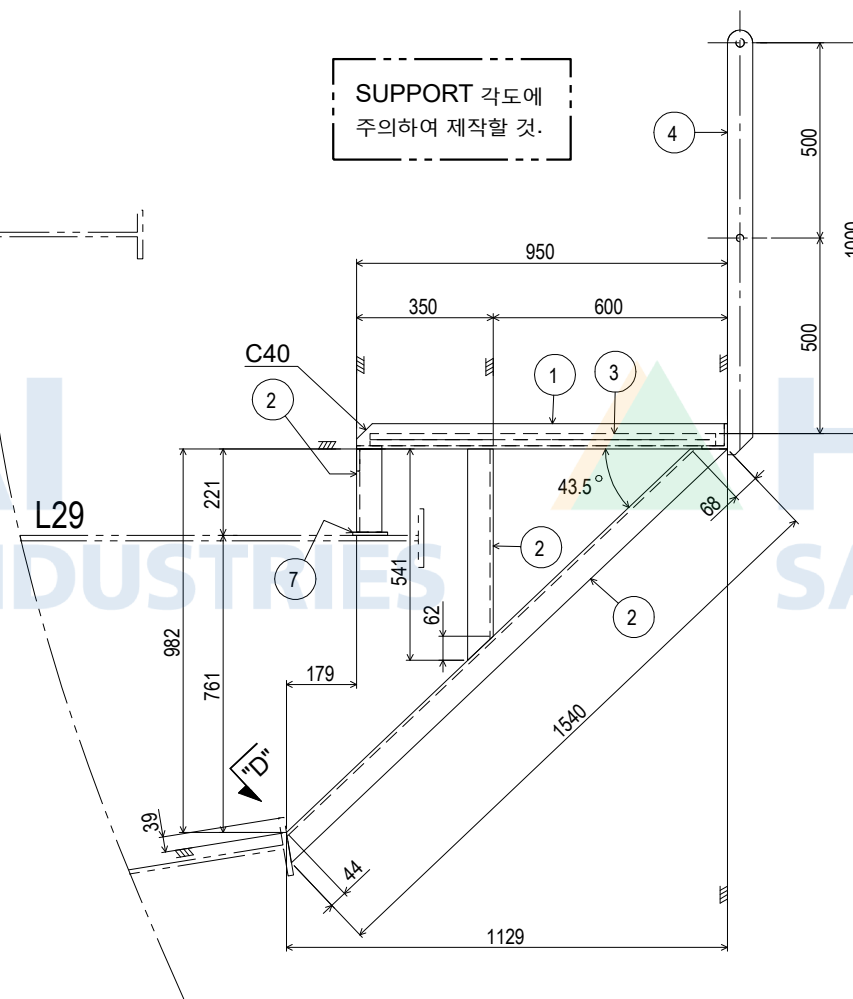


## VIEW - "A"

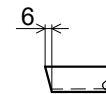
## DETAIL OF PAD



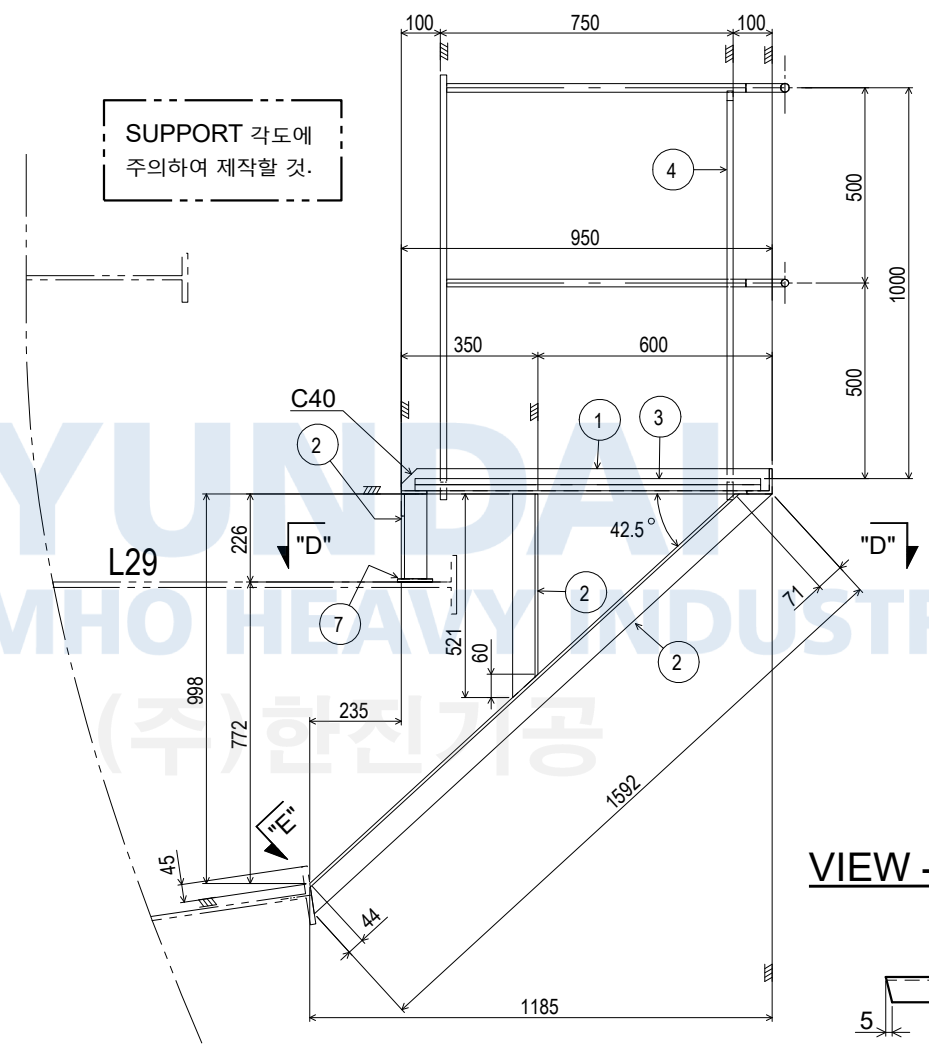
## VIEW - "B"



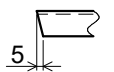
## VIEW - "D"



## VIEW - "C"



## VIEW - "E"



7	PAD	9t PLATE	SS400 or SS275	2	2.0	
6	MID RAIL	Φ19 R.BAR	SS400 or SS275	1	4.2	
5	TOP RAIL	Φ22 R.BAR	SS400 or SS275	1	5.5	
4	STANCHION	65 X 16t F.B	SS400 or SS275	3	26.7	
3	STEP	22 SQ.BAR	SS400 or SS275	10	35.0	
2	SUPPORT	65 X 65 X 8t E.A	SS400 or SS275	6	38.8	
1	SIDE FRAME	65 X 65 X 8t E.A	SS400 or SS275	1	28.4	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

O8105-S13W0C2656BB-010



DETAIL OF PLATFORM

SHIP NO.	8105 ~ 8107	011
DWG NO.	S13W0-C26-56BB	END

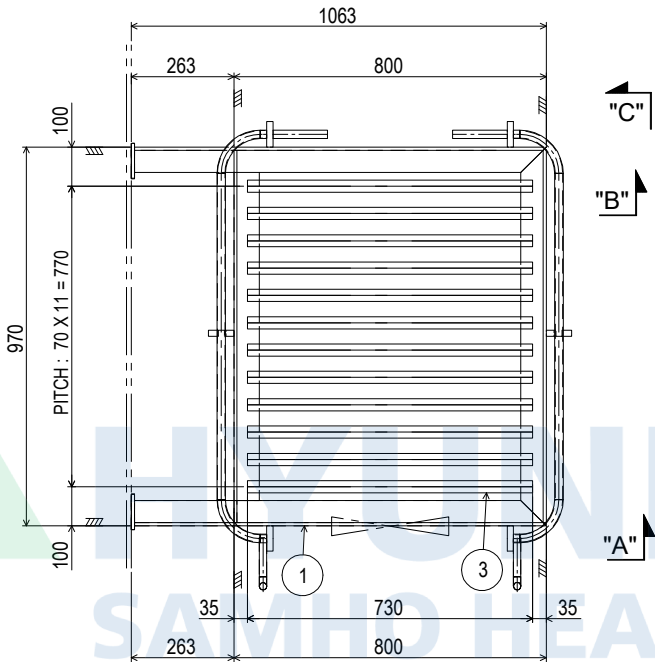
NOTE

- 본도는 PORT SIDE (MARK NO. : PFW-402P)를 나타냄.  
STB'D SIDE (MARK NO. : PFW-402S)는 대칭으로 제작할 것.
- HANDRAIL(STANCHION) 제작시 P.008 ~ 009 DETAIL 도면 참조할 것.
- PAINT CODE : PP

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S13P	PFW-402P	1	170.5	본도 제작
S13S	PFW-402S	1	170.5	대칭 제작

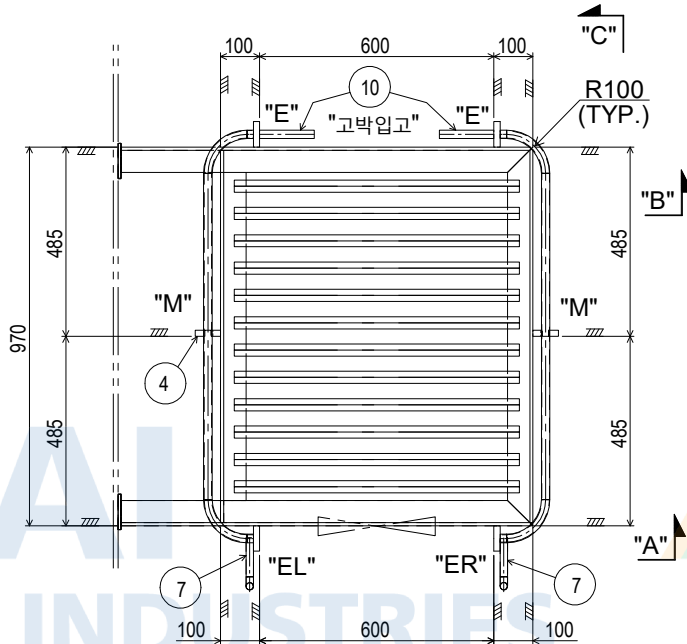
S13P  
S13S

PLATFORM PLAN



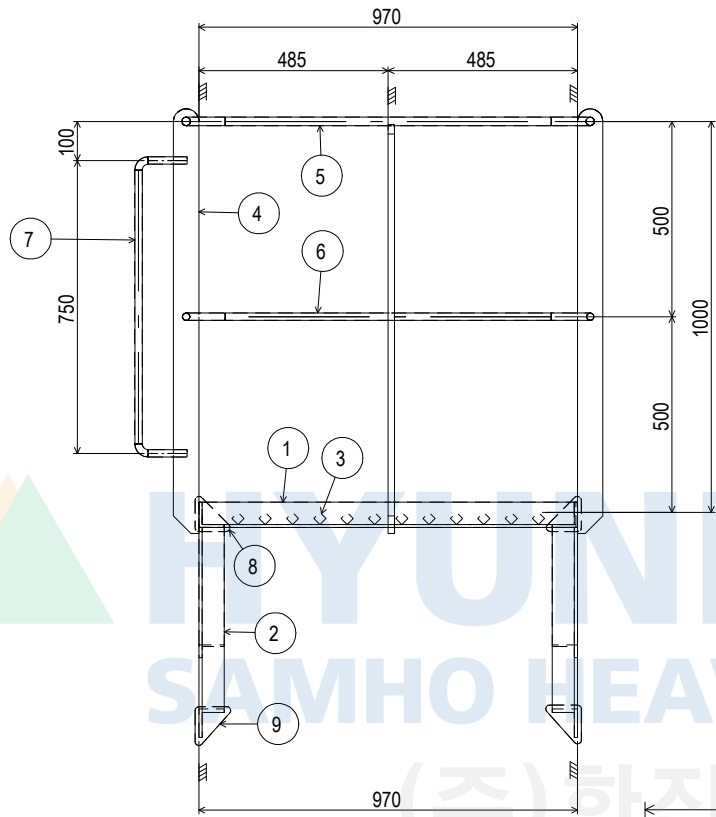
대칭 제작 기준선

HANDRAIL PLAN

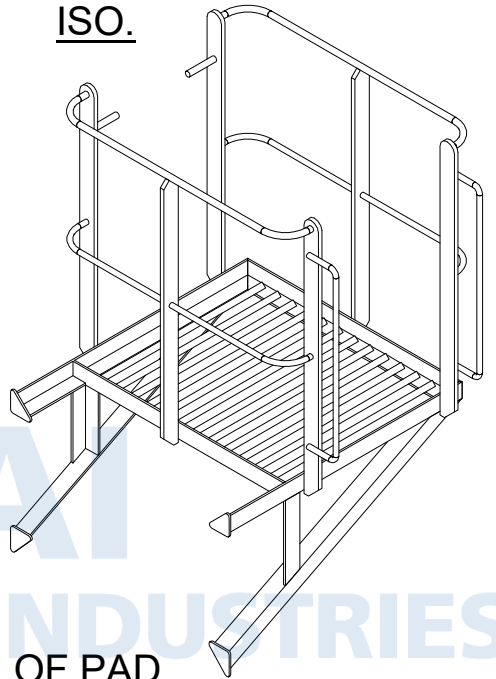


대칭 제작 기준선

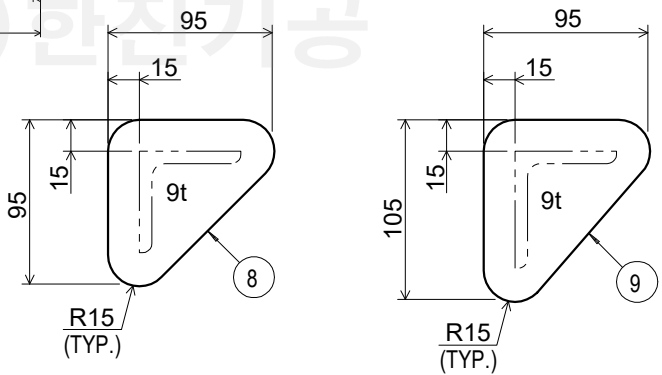
VIEW - "C"



ISO.



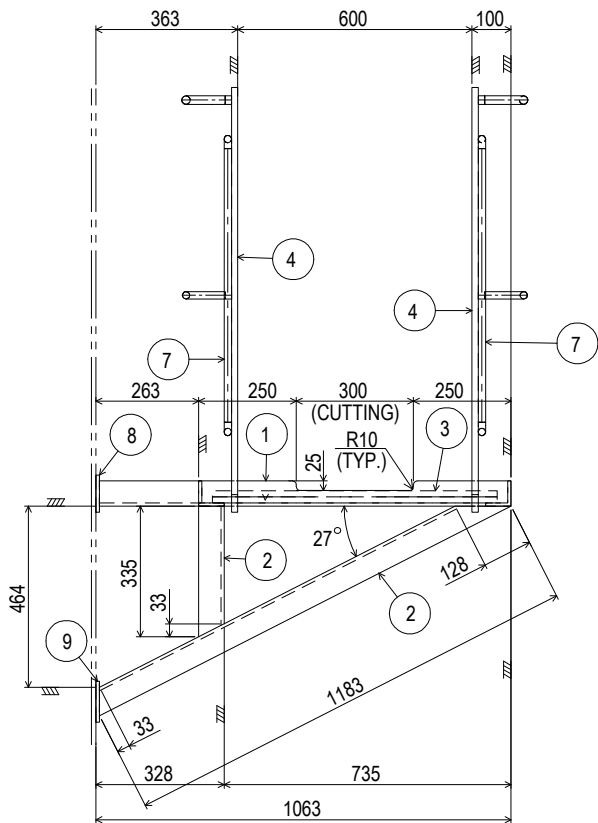
DETAIL OF PAD



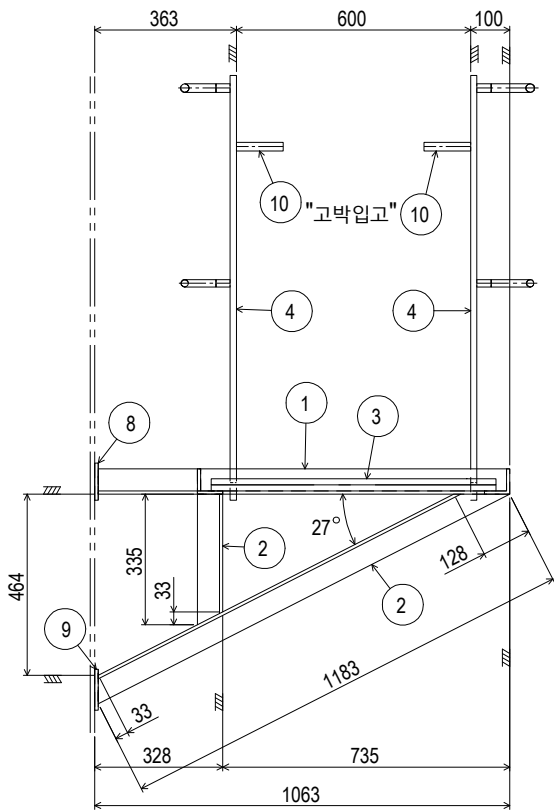
DET.OF ANTI.VIB PIECE  
(2EA)



VIEW - "A"



VIEW - "B"



10	ANTI-VIB.PIECE	Φ22 R.BAR	SS400 or SS275	2	1.0	고박입고
9	PAD	9t PLATE	SS400 or SS275	2	3.0	
8	PAD	9t PLATE	SS400 or SS275	2	3.0	
7	HAND GRIP	Φ19 R.BAR	SS400 or SS275	2	4.0	
6	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	7.6	
5	TOP RAIL	Φ22 R.BAR	SS400 or SS275	2	8.2	
4	STANCHION	65 X 16t F.B	SS400 or SS275	6	53.4	
3	STEP	22 SQ.BAR	SS400 or SS275	12	33.3	
2	SUPPORT	65 X 65 X 8t E.A	SS400 or SS275	4	22.6	
1	SIDE FRAME	65 X 65 X 8t E.A	SS400 or SS275	1	34.4	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK