

PLAN HISTORY					
DATE	REV. NO.	DESCRIPTION	DRAWN	CHKD	APPRD
2022. 12.13	0	8170 호선 LADDER & PLATFORM FOR NO.4 W.B.TANK 제작 도면으로 작성함.	조 훈	권승현	황규성
2022. 12.23	001	FIANL YELLOW PAINT 미시공으로 변경. (LADDER 설치후 YELLOW PAINT 시공 예정.)-P.COV참고	조 훈	권 승 현	황 규 성

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
PP	ALL ITEM	STEEL	NS	T3	1st			
					2nd			

PAINT CODE : "PP" 는 PSPC 의장품 그라인딩(3P) 적용하여 제작

001

제작시 미 적용, 설치 완료후 FINAL 도장시 YELLOW PAINTING 작업 예정.

상부 첫번째 STEP FINAL YELLOW PAINT 시공 할 것.

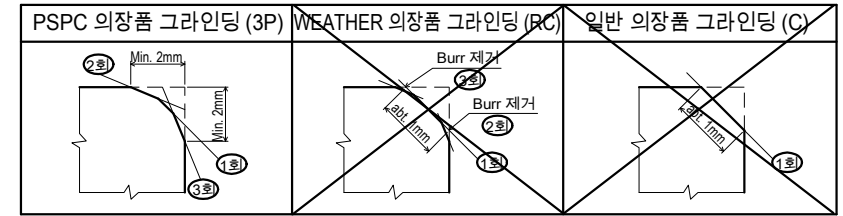
하부 첫번째 STEP FINAL YELLOW PAINT 시공 할 것.

중부 3-STEP FINAL YELLOW PAINT 시공 할 것.

외주 MAKER PAINT 시공범위	ITEM	IN SIDE & OUT SIDE			IN SIDE	OUT SIDE
		FINAL	SHOP PRIMER	PRIMER		

NOTE

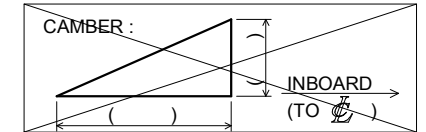
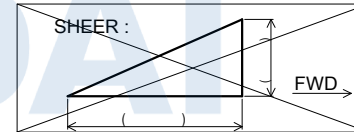
- 본도는 LADDER & PLATFORM FOR NO.4 W.B.TANK 제작도임.
- 모서리 부분은 하기와 같이 그라인딩 할 것.



- 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

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



- 한 도면에서 서로 상이부분이 있거나 제작상 문제점 발생시 필히 당부와 협의/확정 후 제작 완료 할 것.
- 본 도면상에 표기된 자재종 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°C)한 후 용접하여 용접균열을 방지할 것.
- 볼트 길이는 너트 체결후 약 2~3 산이 남도록 할 것.
- 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)
- 그리스 니벨 : JIS B 1575 A-PT1/8" BALL TYPE 러버 캡을 씌울것.[재질:브라스(BRASS)]
- P.O.R NO: JW4
- TOTAL WEIGHT : 4,280.2 kg/SHIP

42. INCLINED LADDER의 상부에서 첫번째/마지막 STEP 및 VERTICAL LADDER의 하부에서 3-STEP YELLOW PAINT 시공 하여 입고 할 것. (PAINT SPEC. 하부 그림 참조)

DEP'T NO. SHIP NO.		SHIP TYPE	
B026 8170		174,000 CBM CLASS LNGC (MARK III FLEX, MEMB., ME-GA)	
TEL. NO. SHIP DESIGN OFFICE		SHIP NAME	
2868 선장 설계부			
APPROVED BY 황 규 성		TITLE	
CHECKED BY 권 승 현		LADDER & PLATFORM FOR NO.2 W.B.TANK	
DRAWN BY 조 훈		제 작 도	
 Hyundai Samho Heavy Industries Co., Ltd Samho Shipyard Korea		SCALE	DWG NO. S13W0-C26-56BB-001
		DATE 2022. 12.13	CONSOLIDATED NO.

08170-S13W0C2656BB-01



제작사양서 (외주구매용)

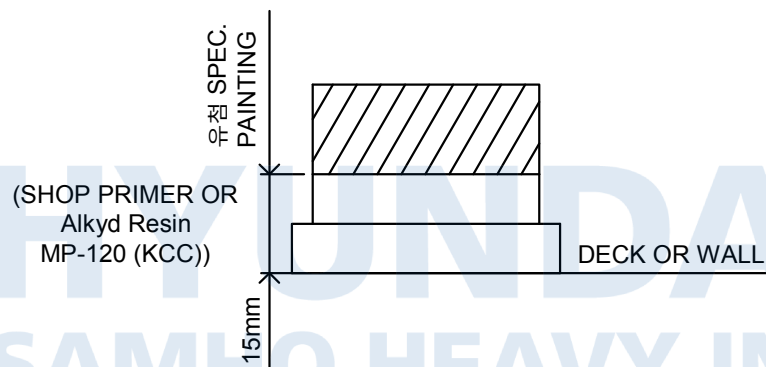
제품별 납기 LIST

SHIP NO. 8170

01

DWG NO. S13W0-C26-56BB

1. GALV. 두께 : HOT DIP GALV. 55~80 μ (단, BOLT/NUT류는 45~65 μ 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.

P.O.R NO.	SEQ. NO.	BLOCK	STAGE	MARK NO.	DESCRIPTION	PAINT CODE	Q'TY /SHIP	WEIGHT (KG/SET)	설치부서
JW4	01	D31P	C1	VLW-401P	VERTICAL LADDER	PP	1	53.1	LB1
	02	D31S	C1	VLW-401S	VERTICAL LADDER	PP	1	53.1	LB1
	03	S11P	CS	ILW-401P	INCLINED LADDER	PP	1	290.1	LB1
	04	S11P	CS	ILW-402P	INCLINED LADDER	PP	1	237.7	LB1
	05	S11P	CS	ILW-403P	INCLINED LADDER	PP	1	239.0	LB1
	06	S11P	CS	ILW-404P	INCLINED LADDER	PP	1	310.0	LB1
	07	S11S	CS	ILW-401S	INCLINED LADDER	PP	1	290.1	LB1
	08	S11S	CS	ILW-402S	INCLINED LADDER	PP	1	237.7	LB1
	09	S11S	CS	ILW-403S	INCLINED LADDER	PP	1	239.0	LB1
	10	S11S	CS	ILW-404S	INCLINED LADDER	PP	1	310.0	LB1
	11	S13P	CS	VLW-451P	VERTICAL LADDER	PP	1	60.5	BS1
	12	S13P	CS	PFW-451P	PLATFORM	PP	1	187.2	BS1
	13	S13S	CS	VLW-451S	VERTICAL LADDER	PP	1	60.5	BS1
	14	S13S	CS	PFW-451S	PLATFORM	PP	1	187.2	BS1
	15	B51P	CS	ILW-405P	INCLINED LADDER	PP	1	169.0	BS2
	16	B51P	CS	ILW-406P	INCLINED LADDER	PP	1	467.1	BS2
	17	B51P	CS	PFW-401P	PLATFORM	PP	1	126.4	BS2
	18	B51S	CS	ILW-405S	INCLINED LADDER	PP	1	169.0	BS2
	19	B51S	CS	ILW-406S	INCLINED LADDER	PP	1	467.1	BS2
	20	B51S	CS	PFW-401S	PLATFORM	PP	1	126.4	BS2



DETAIL OF VERTICAL LADDER

※ STPE PITCH : 340 임에 유의할 것.

SHIP NO. 8170
DWG NO. S13W0-C26-56BB

02

NOTE

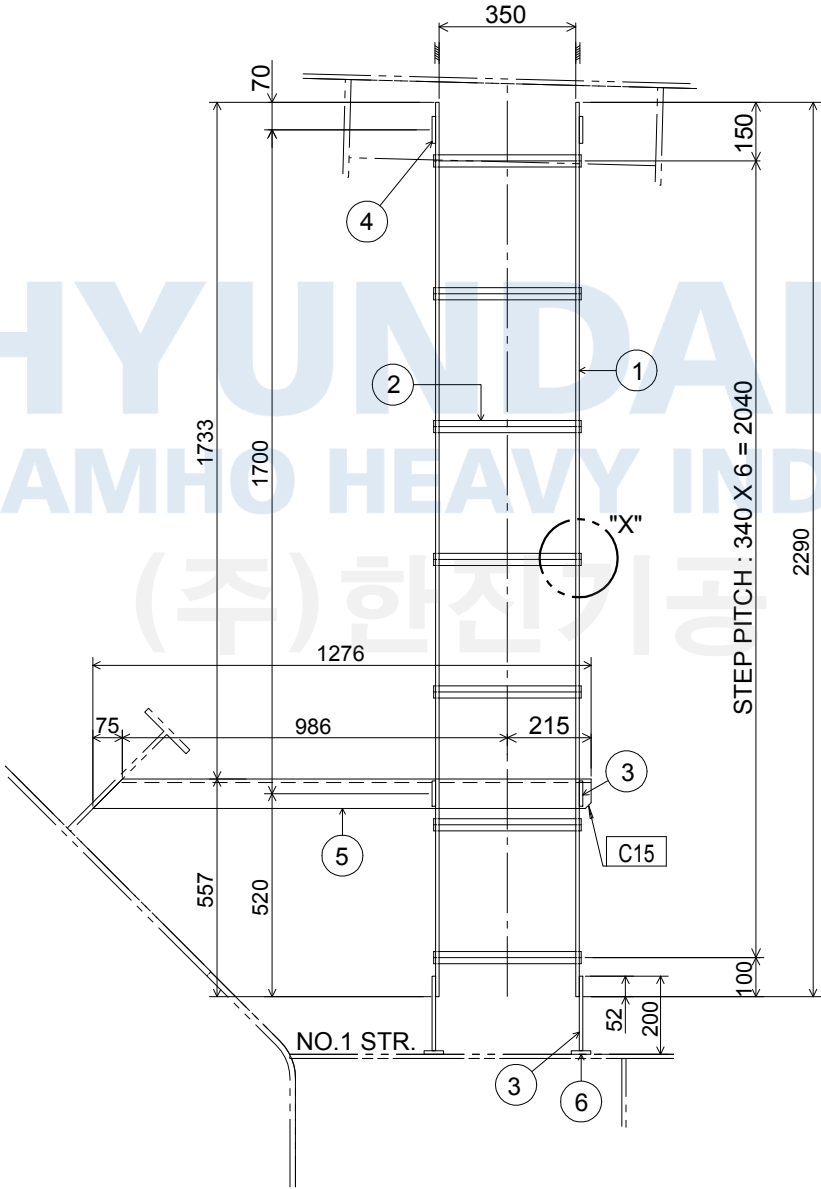
- 1. 본도는 PORT SIDE (MARK NO. : VLW-401P) 를 나타냄.
ST'BD SIDE (MARK NO. : VLW-401S)는 대칭으로 제작할 것.
- 2. 대칭 제작에 주의하여 제작할 것.
- 3. STEP PITCH : 340MM에 주의할 것.
- 4. PAINT CODE : PP

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
D31P	VLW-401P	1	53.1	본도 제작
D31S	VLW-401S	1	53.1	대칭 제작

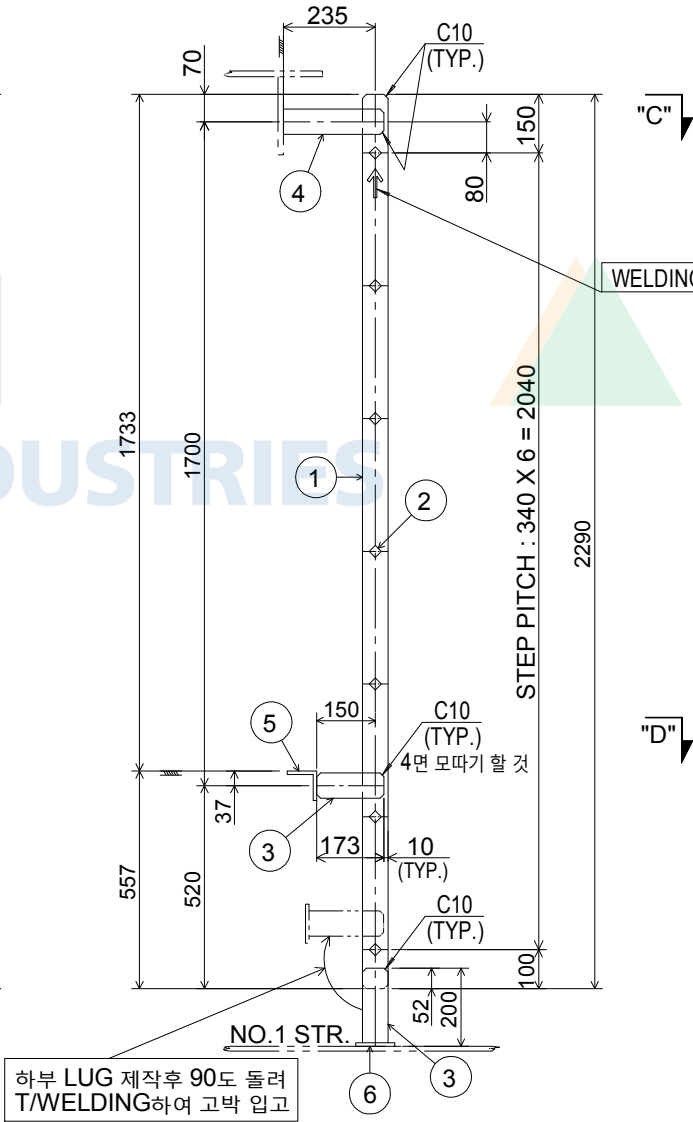
설치 BLOCK

D31P
D31S

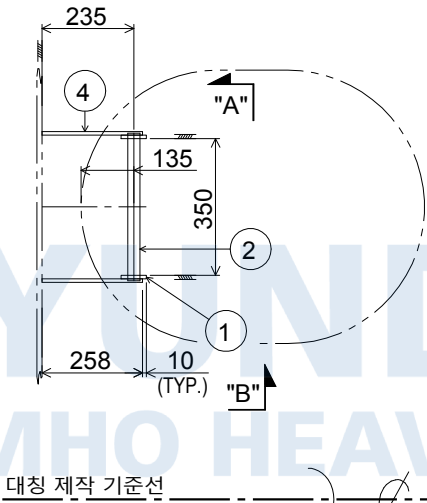
VIEW - "A"



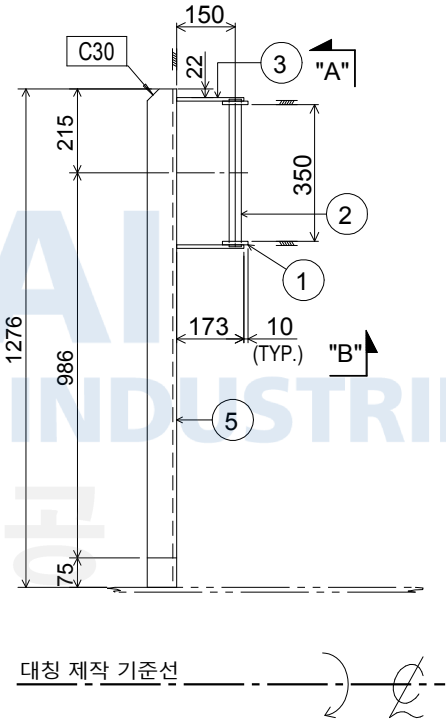
VIEW - "B"



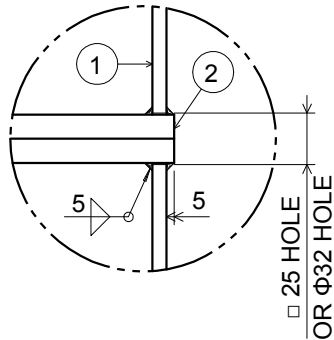
PLAN
(VIEW - "C")



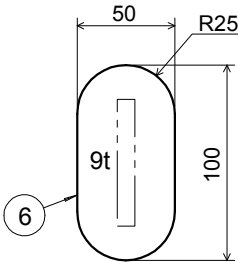
PLAN
(VIEW - "D")



DETAIL OF "X"



DETAIL OF "PAD"



6	PAD	9t PLATE	SS400 OR SS275	2	0.7	
5	SUPPORT	75 X 75 X 9t E.A	SS400 OR SS275	1	12.7	
4	상부 LUG	65 X 9t F.B	SS400 OR SS275	2	2.4	
3	하부 LUG	65 X 9t F.B	SS400 OR SS275	4	3.3	
2	STEP	22 SQ.BAR	SS400 OR SS275	7	10.0	
1	SIDE FRAME	65 X 9t F.B	SS400 OR SS275	2	21.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



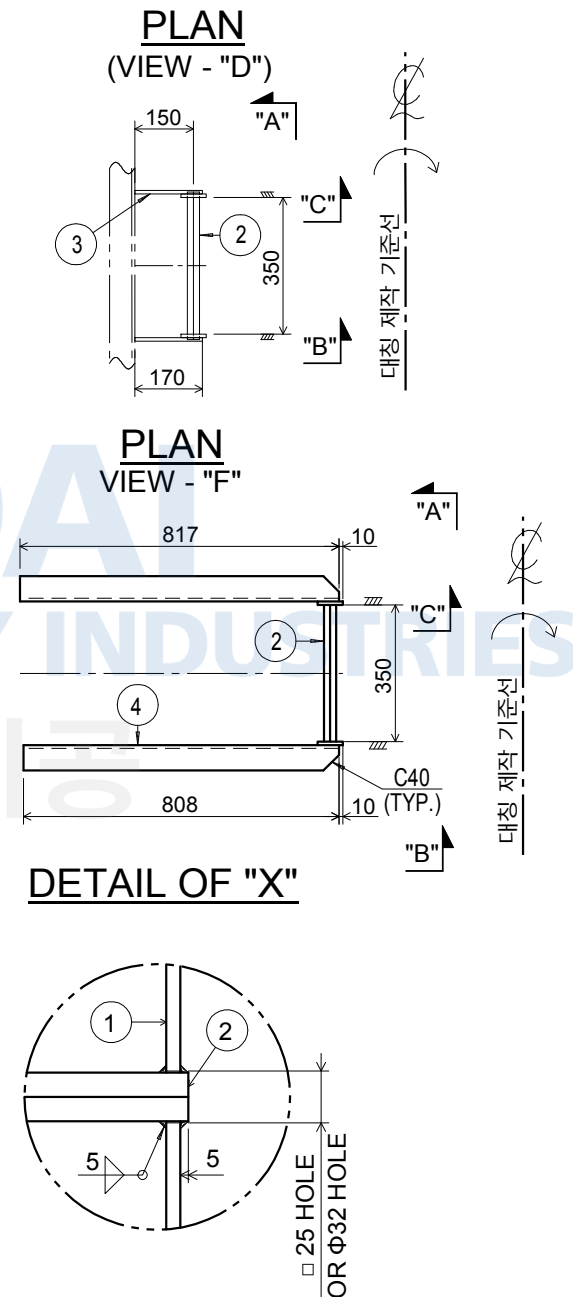
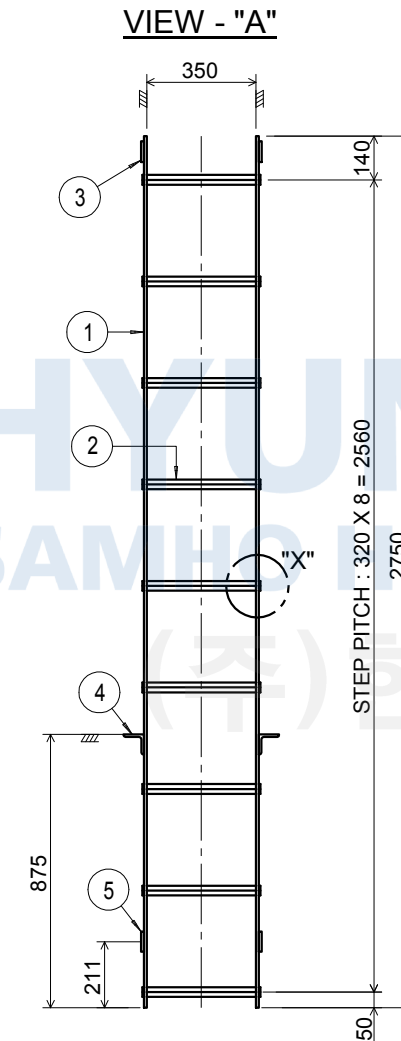
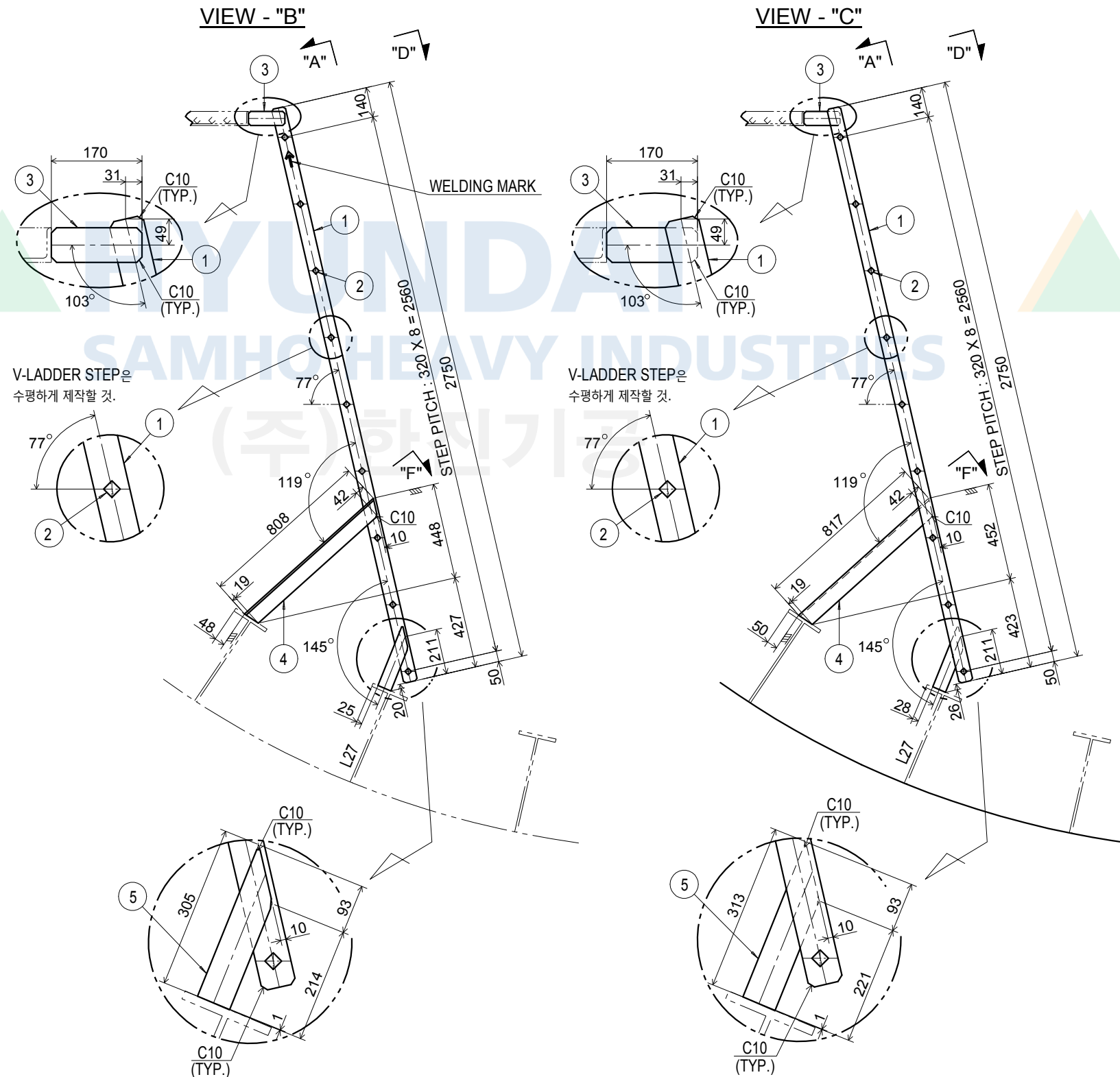
※ STPE PITCH : 320 임에 유의할 것.

SHIP NO.	8170	03 /
DWG NO.	S13W0-C26-56BB	

1. 본도는 PORT SIDE (MARK NO. : VLW-451P) 를 나타냄.
ST'BD SIDE (MARK NO. : VLW-451S)는 대칭으로 제작할 것.
2. 대칭 제작에 주의하여 제작할 것.
3. STEP PITCH : 325MM에 주의할 것.
4. PAINT CODE : PP

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S13P	VLW-451P	1	60.5	본도 제작
S13S	VLW-451S	1	60.5	대칭 제작

S13P
S13S



5	하부 LUG	65 X 9t F.B	SS400 OR SS275	2	2.8	
4	중간 LUG	65 x 65 x 8t E.A	SS400 OR SS275	2	13.0	
3	상부 LUG	65 X 9t F.B	SS400 OR SS275	2	1.6	
2	STEP	22 SQ.BAR	SS400 OR SS275	9	14.4	
1	SIDE FRAME	65 X 9t F.B	SS400 OR SS275	2	28.7	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



※ 각도에 주의하여 제작할 것.(60도)

DETAIL OF INCLINED LADDER

※ STPE PITCH : 255 임에 유의할 것.

SHIP NO. 8170
DWG NO. S13W0-C26-56BB

04

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S11P	ILW-401P	1	290.1	본도 제작
S11S	ILW-401S	1	290.1	대칭 제작

설치 BLOCK

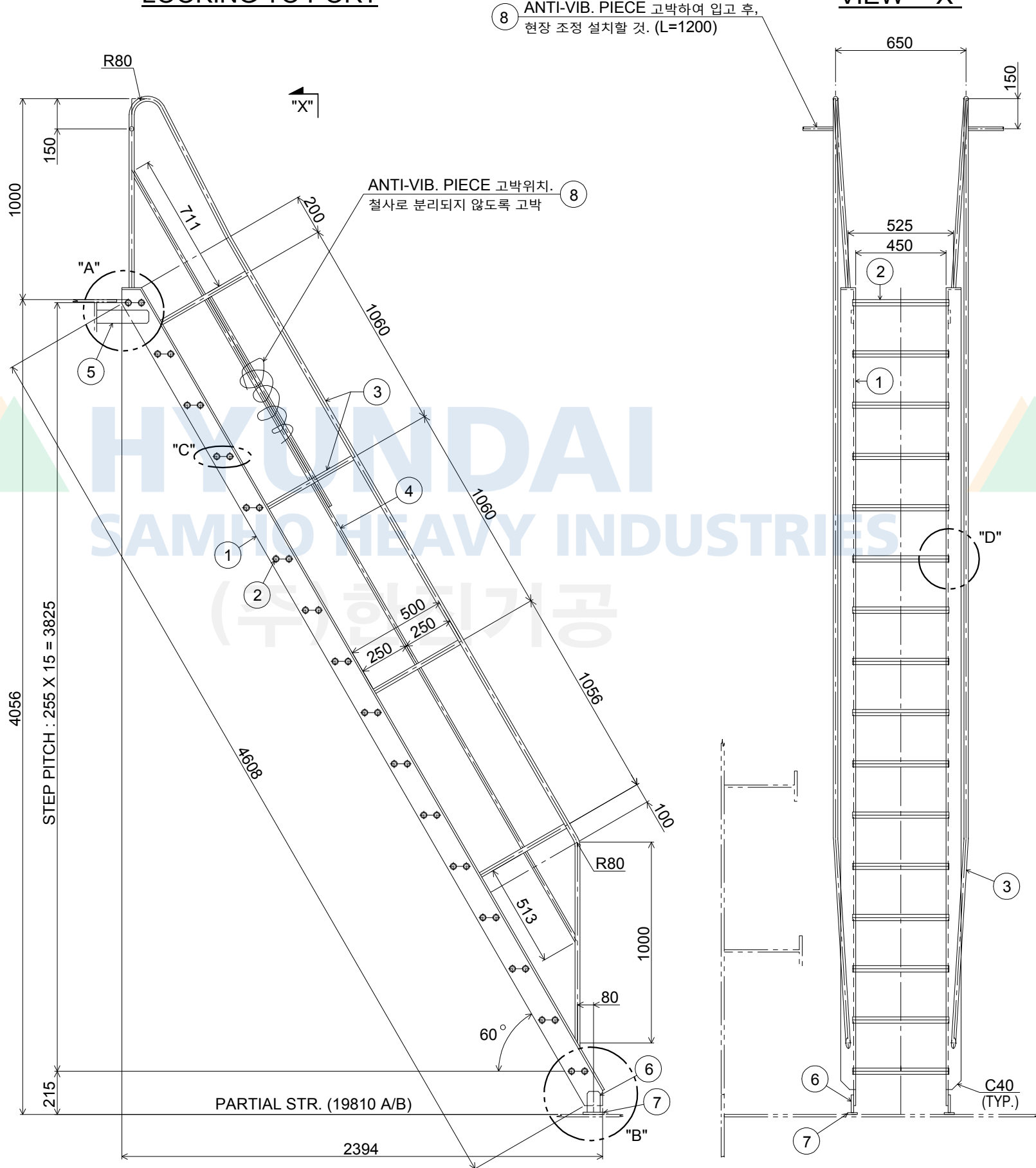
S11P
S11S

NOTE

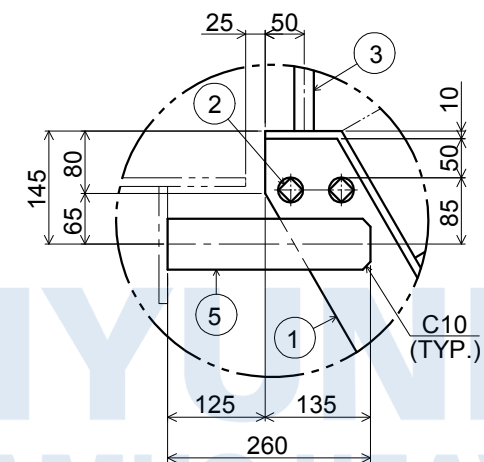
- 본도는 PORT SIDE (MARK NO. : ILW-401P)를 나타냄.
STB'D SIDE (MARK NO. : ILW-401S)는 대칭으로 제작할 것.
- PAINT CODE : PP

LOOKING TO PORT

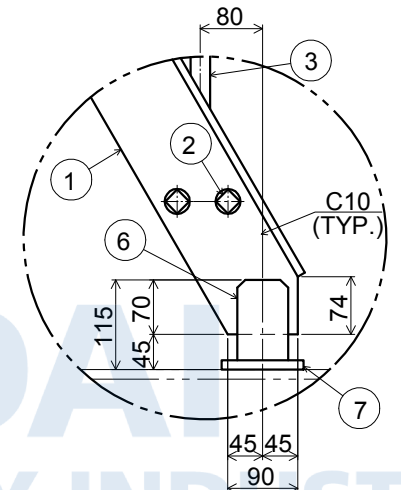
VIEW - "X"



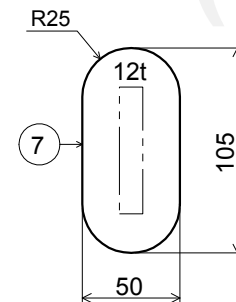
DET. OF "A"



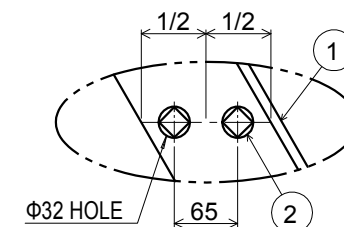
DET. OF "B"



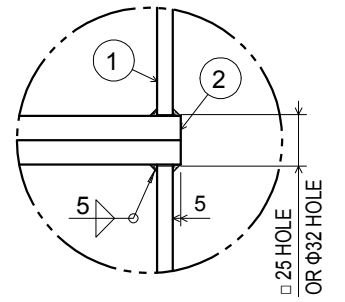
DET. OF "PAD"



DET. OF "C"



DET. OF "D"



8	ANTI-VIB. PIECE	Φ19 R.BAR	SS400 or SS275	1	2.7	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	1.4	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	3.2	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	20.6	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	65.3	
2	STEP	22 SQ.BAR	SS400 or SS275	32	58.4	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	137.5	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



※ 각도에 주의하여 제작할 것.(60도)

DETAIL OF INCLINED LADDER

※ STPE PITCH : 255 임에 유의할 것.

SHIP NO. 8170
DWG NO. S13W0-C26-56BB

05

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S11P	ILW-402P	1	237.7	본도 제작
S11S	ILW-402S	1	237.7	대칭 제작

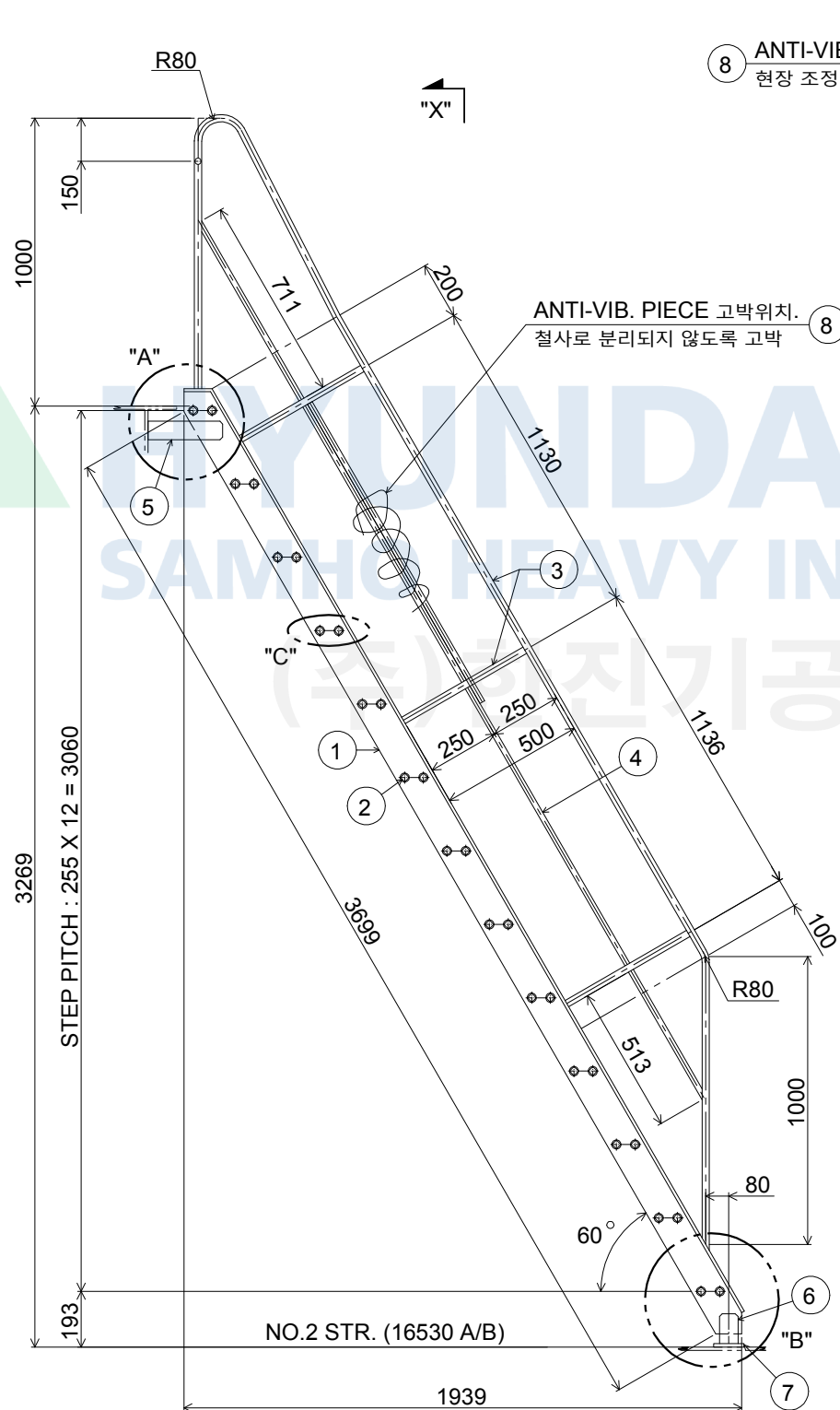
설치 BLOCK

S11P
S11S

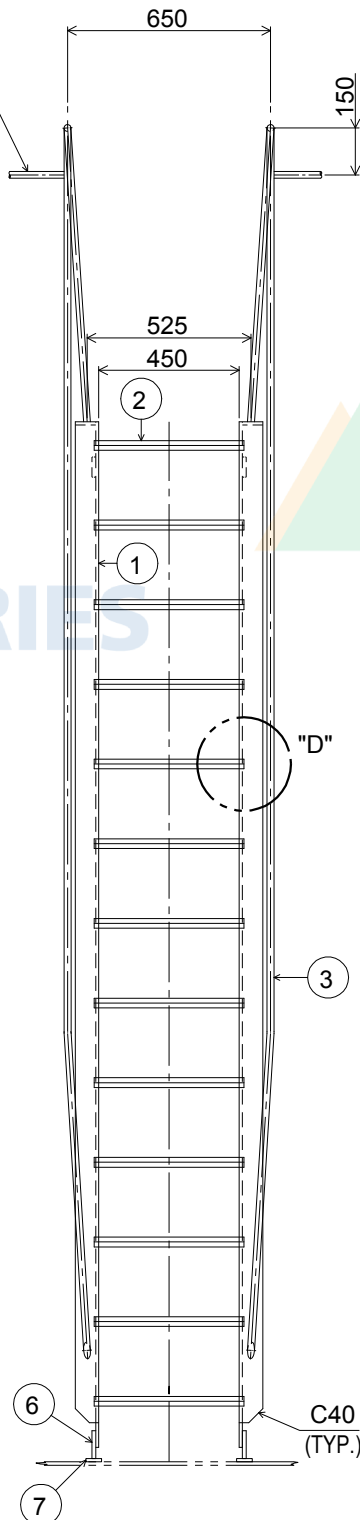
NOTE

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

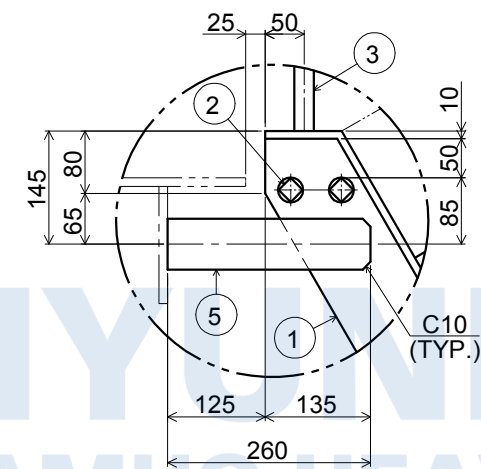
LOOKING TO PORT



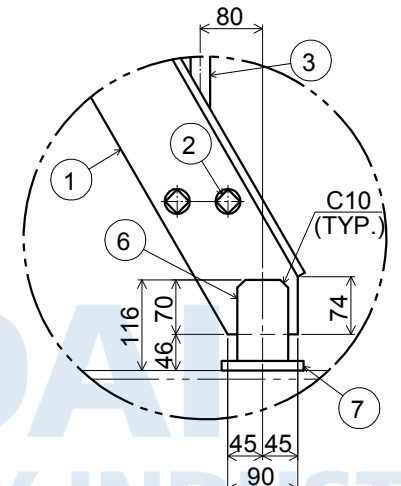
VIEW - "X"



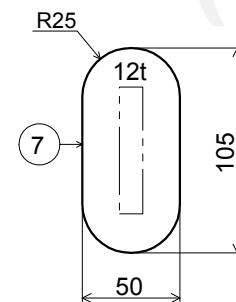
DET. OF "A"



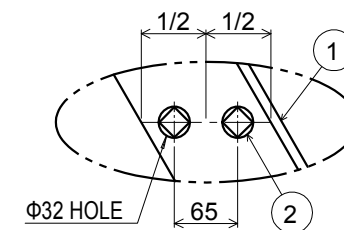
DET. OF "B"



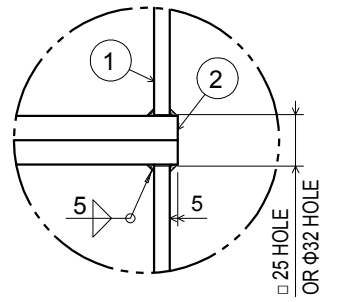
DET. OF "PAD"



DET. OF "C"



DET. OF "D"



8	ANTI-VIB. PIECE	Φ19 R.BAR	SS400 or SS275	1	2.7	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	1.4	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	3.2	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	15.8	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	55.8	
2	STEP	22 SQ.BAR	SS400 or SS275	26	47.5	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	110.3	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

O8170-S13W0C2656BB-05



※ 각도에 주의하여 제작할 것.(60도)

DETAIL OF INCLINED LADDER

※ STPE PITCH : 255 임에 유의할 것.

SHIP NO. 8170
DWG NO. S13W0-C26-56BB 06

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S11P	ILW-403P	1	239.0	본도 제작
S11S	ILW-403S	1	239.0	대칭 제작

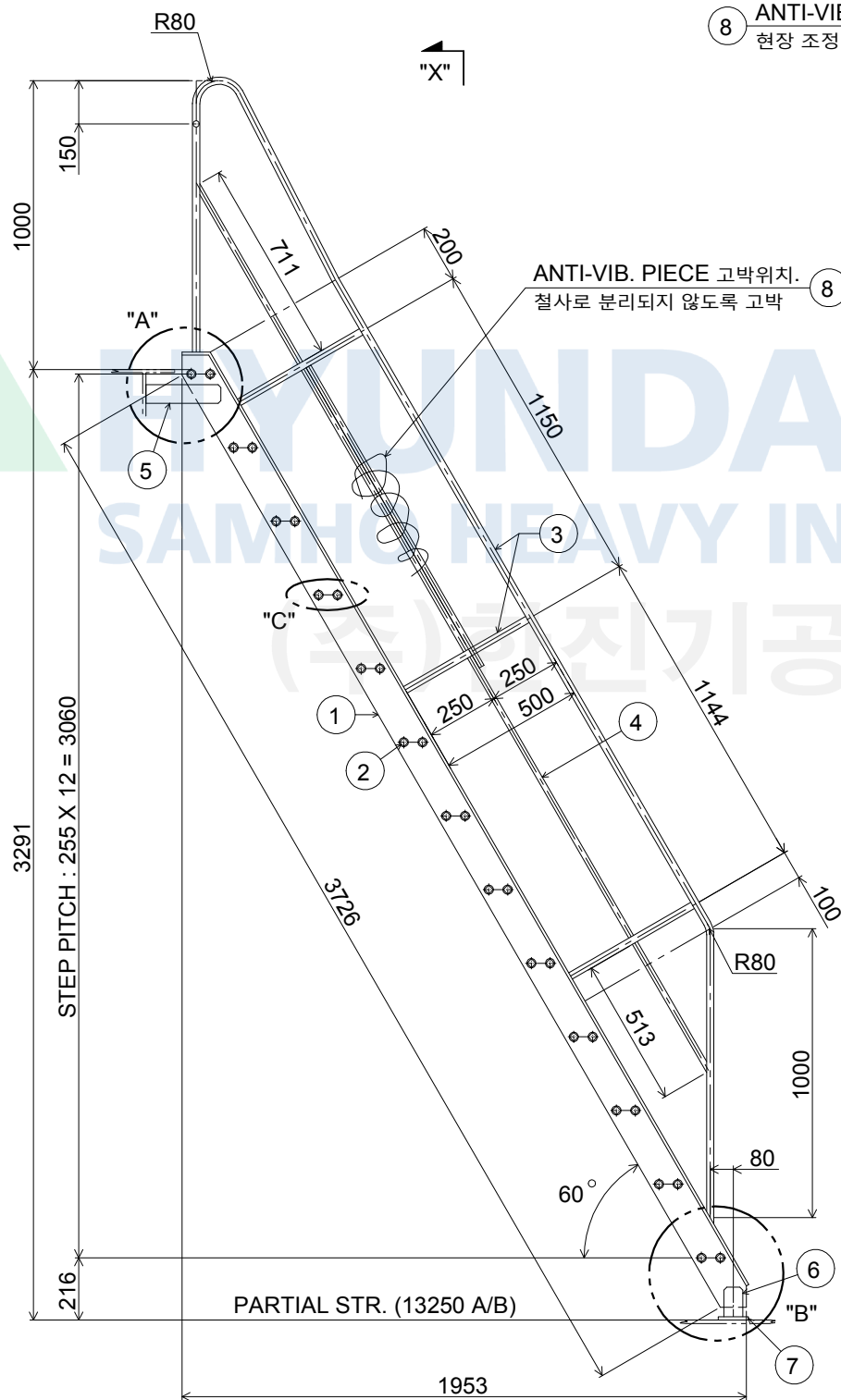
설치 BLOCK

S11P
S11S

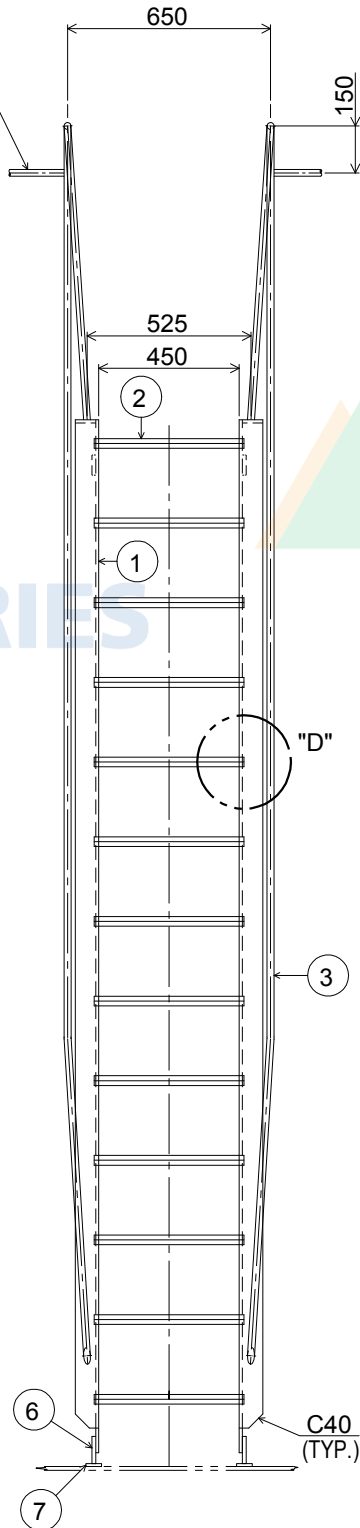
NOTE

- 본도는 PORT SIDE (MARK NO. : ILW-403P)를 나타냄.
STB'D SIDE (MARK NO. : ILW-403S)는 대칭으로 제작할 것.
- PAINT CODE : PP

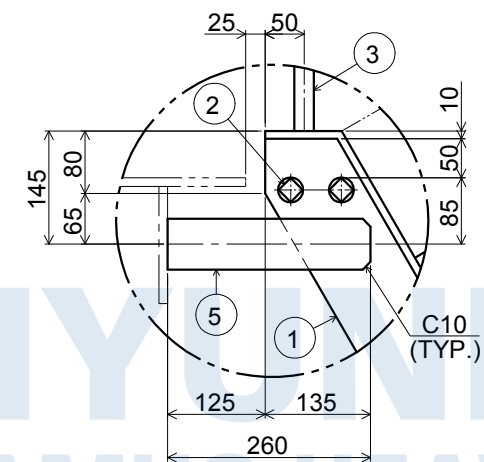
LOOKING TO PORT



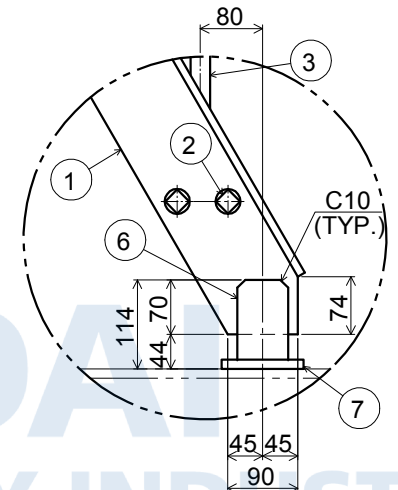
VIEW - "X"



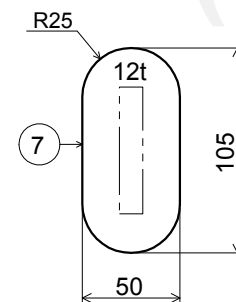
DET. OF "A"



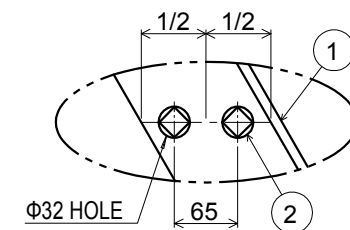
DET. OF "B"



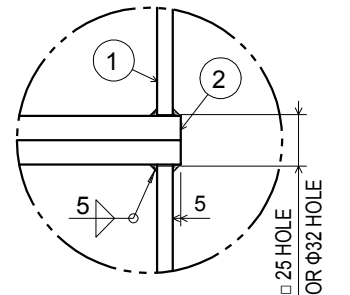
DET. OF "PAD"



DET. OF "C"

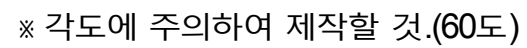


DET. OF "D"



8	ANTI-VIB. PIECE	Φ19 R.BAR	SS400 or SS275	1	2.7	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	1.4	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	3.2	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	16.0	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	56.2	
2	STEP	22 SQ.BAR	SS400 or SS275	26	47.5	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	111.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

O8170-S13W0C2656BB-06



※ STPE PITCH : 240 임에 유의할 것.

SHIP NO.	8170	07
DWG NO.	S13W0-C26-56BB	

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S11P	ILW-404P	1	310.0	본도 제작
S11S	ILW-404S	1	310.0	대칭 제작

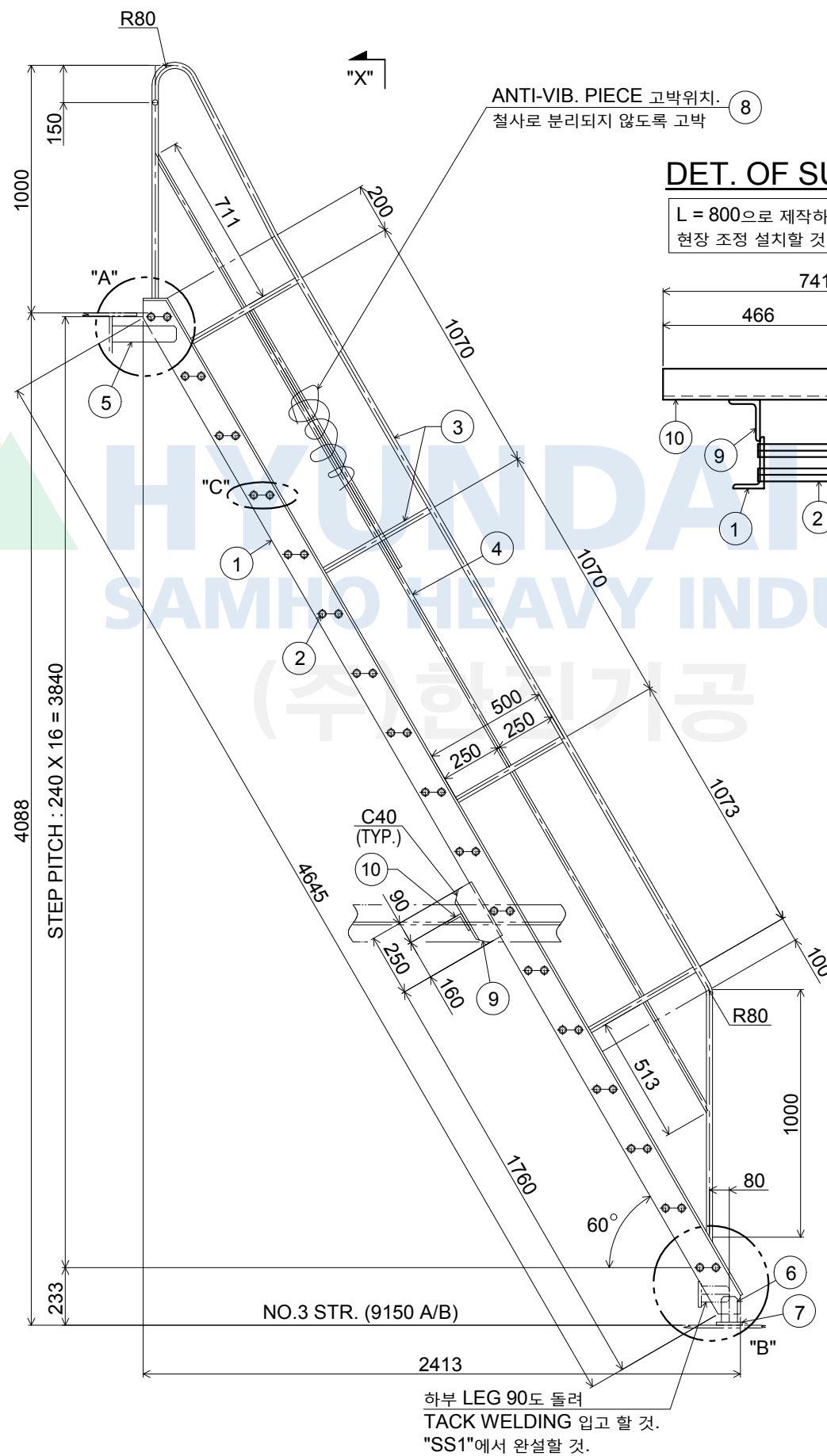
설치 BLOCK

S11P
S11S

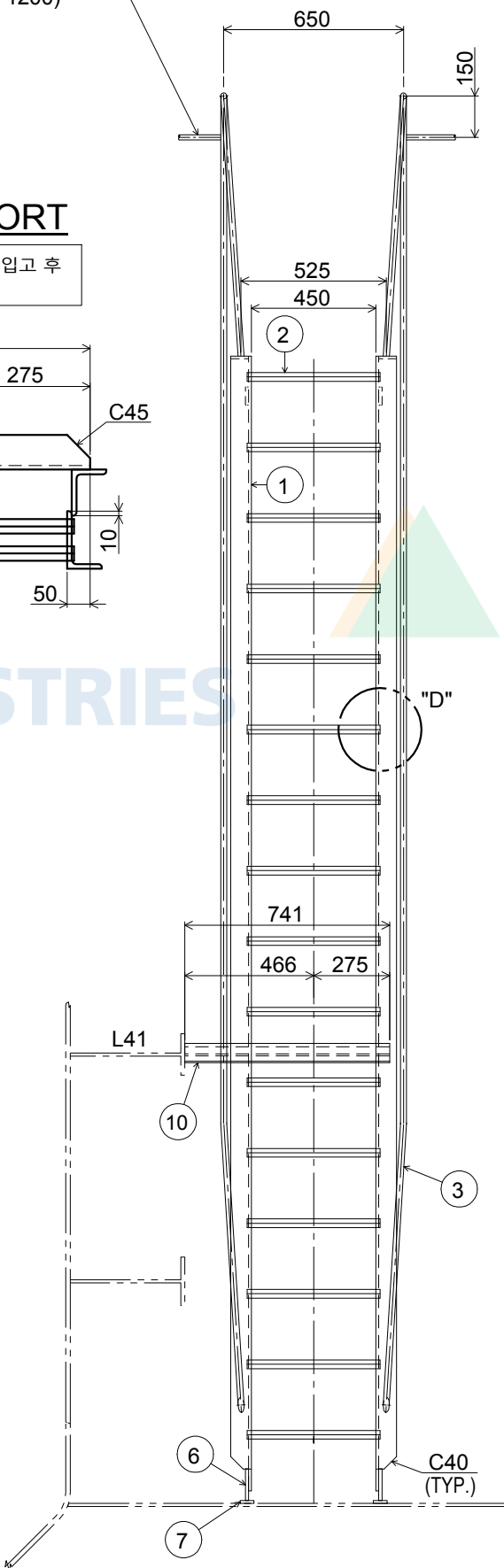
NOTE

1. 본도는 PORT SIDE (MARK NO. : ILW-404P)를 나타냄.
STB'D SIDE (MARK NO. : ILW-404S)는 대칭으로 제작할 것.
2. PAINT CODE : PP

LOOKING TO PORT

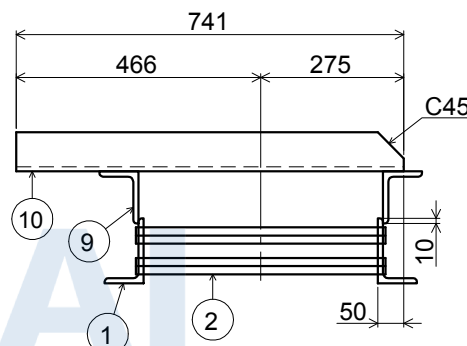


VIEW - "X"

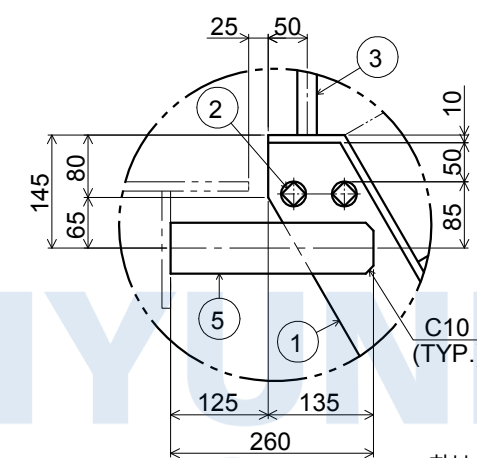


DET. OF SUPPORT

L = 800으로 제작하여 고박 입고 후
현장 조정 설치할 것.

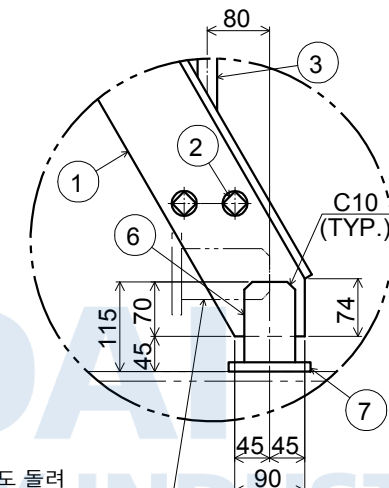


DET. OF "A"

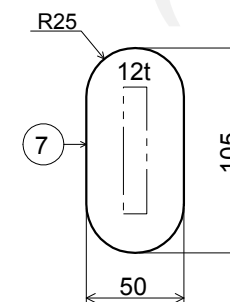


하부 LEG 90도 돌려
TACK WELDING 입고 할 것.

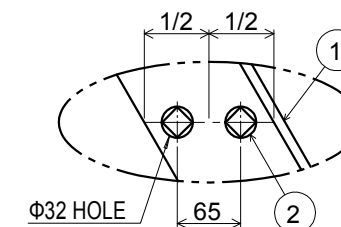
DET. OF "B"



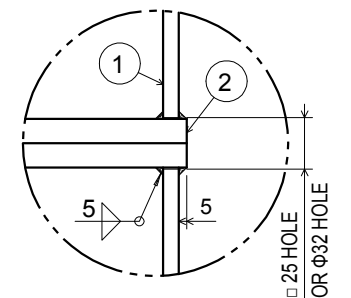
DET. OF "PAD"



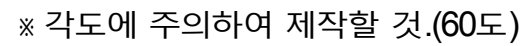
DET. OF "C"



DET. OF "D"



10	SUPPORT	75 X 75 X 9t E.A	SS400 or SS275	1	8.0	고박입고
9	STIFFENER	100 X 75 X 10t U.A	SS400 or SS275	2	6.5	
8	ANTI-VIB. PIECE	Φ19 R.BAR	SS400 or SS275	1	2.7	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	1.4	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	3.2	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	21.0	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	65.7	
2	STEP	22 SQ.BAR	SS400 or SS275	34	62.0	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	138.5	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



※ STPE PITCH : 255 임에 유의할 것.

18

설치 BLOCK

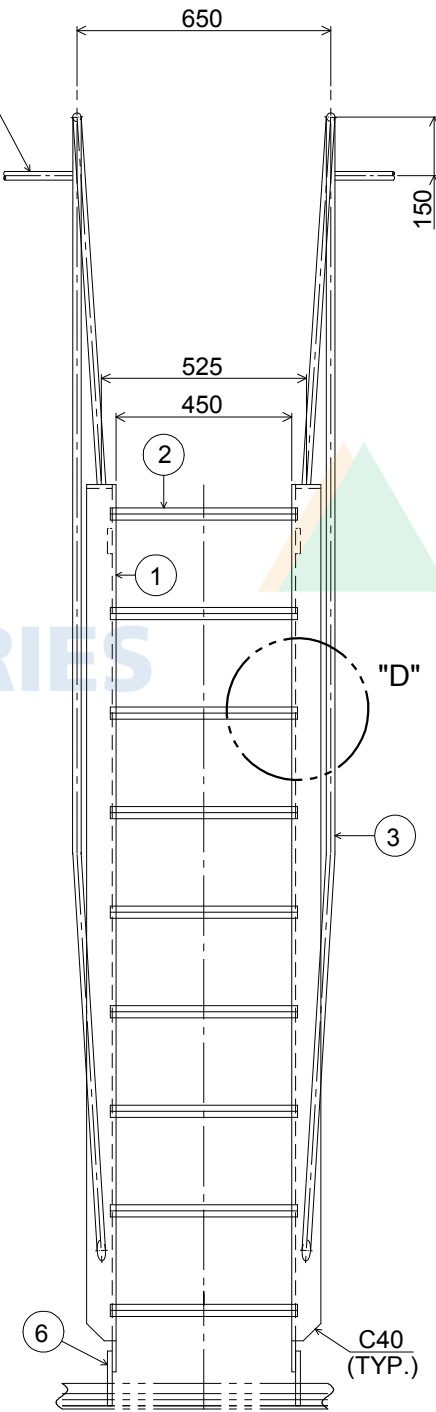
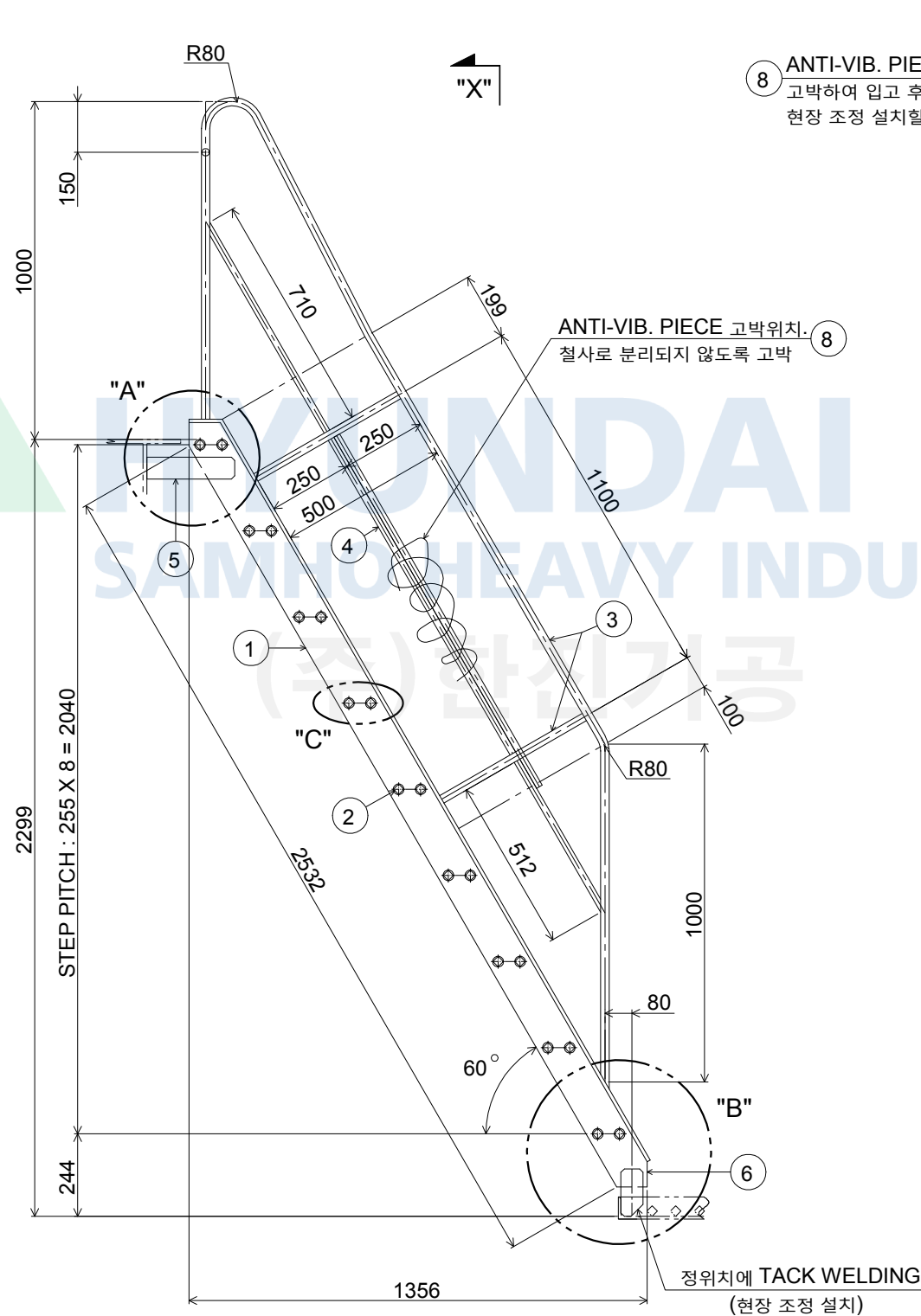
B51P
B51S

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
B51P	ILW-405P	1	169.0	본도 제작
B51S	ILW-405S	1	169.0	대칭 제작

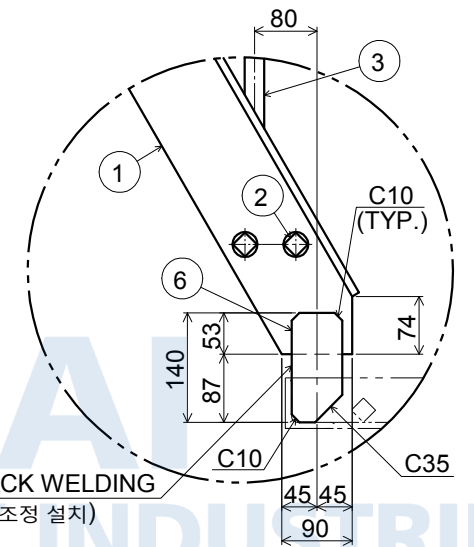
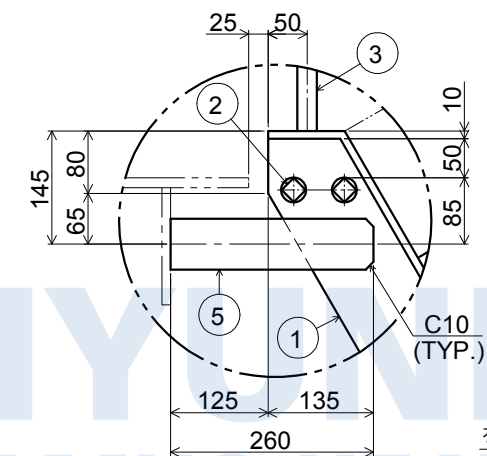
1. 본도는 PORT SIDE (MARK NO. : ILW-405P)를 나타냄.
STB'D SIDE (MARK NO. : ILW-405S)는 대칭으로 제작할 것.

2. PAINT CODE : PP

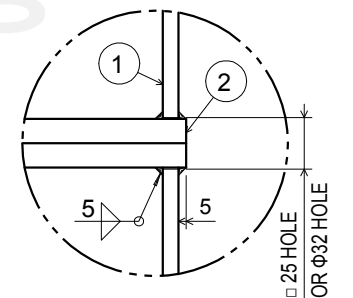
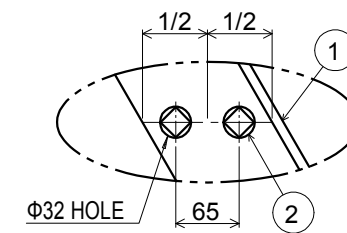
VIEW - "X"



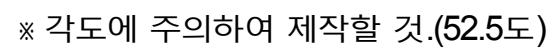
DET. OF "B"



DET. OF "D"



8	ANTI-VIB. PIECE	Φ19 R.BAR	SS400 or SS275	1	2.7	L=1200
7	PAD	12t PLATE	SS400 or SS275	2	1.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	1.8	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	3.2	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	10.7	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	42.2	
2	STEP	22 SQ.BAR	SS400 or SS275	18	32.9	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	75.5	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



※ STPE PITCH : 255 임에 유의할 것.

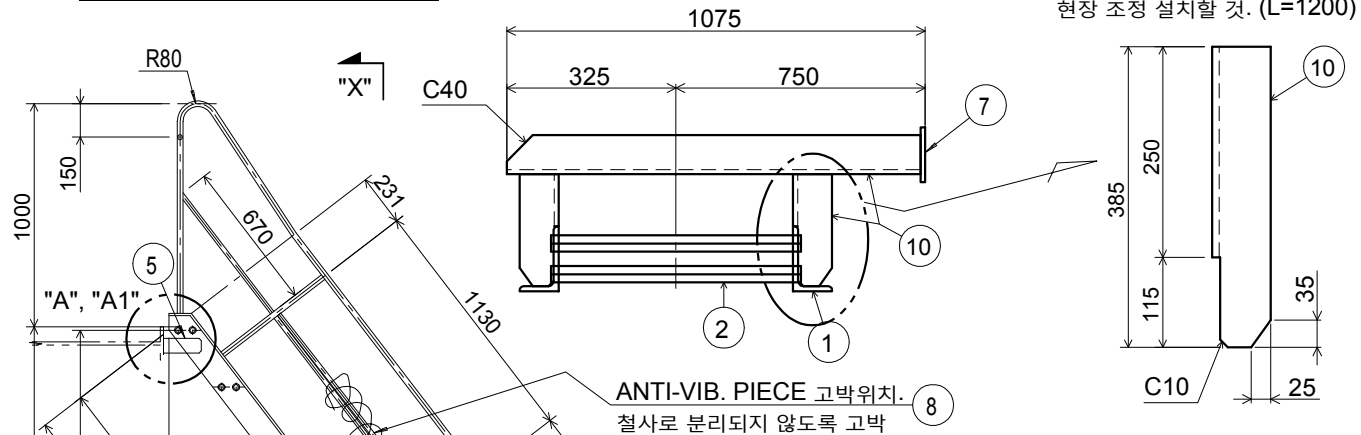
SHIP NO.	8170	09
DWG NO.	S13W0-C26-56BB	

설치 BLOCK

B51P
B51S

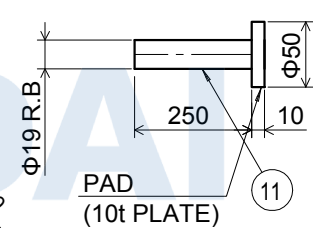
DET. OF SUPPORT
(VIEW - "Y")

LOOKING TO FWD.

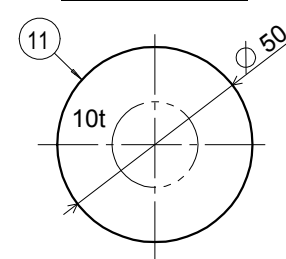


ANTI-VIB. PIECE 고박위치. 8
철사로 분리되지 않도록 고박

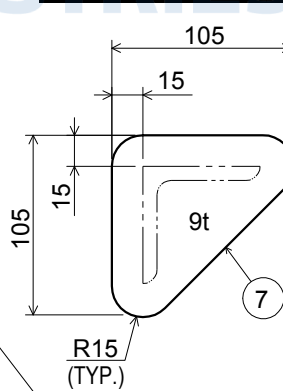
ANTI-VIB. PIECE
AVP-01



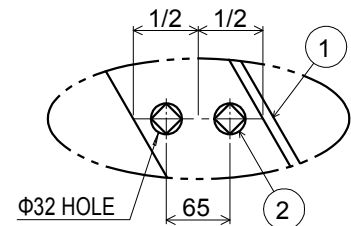
DET. OF PAD



DETAIL OF PAD



DET. OF "C"

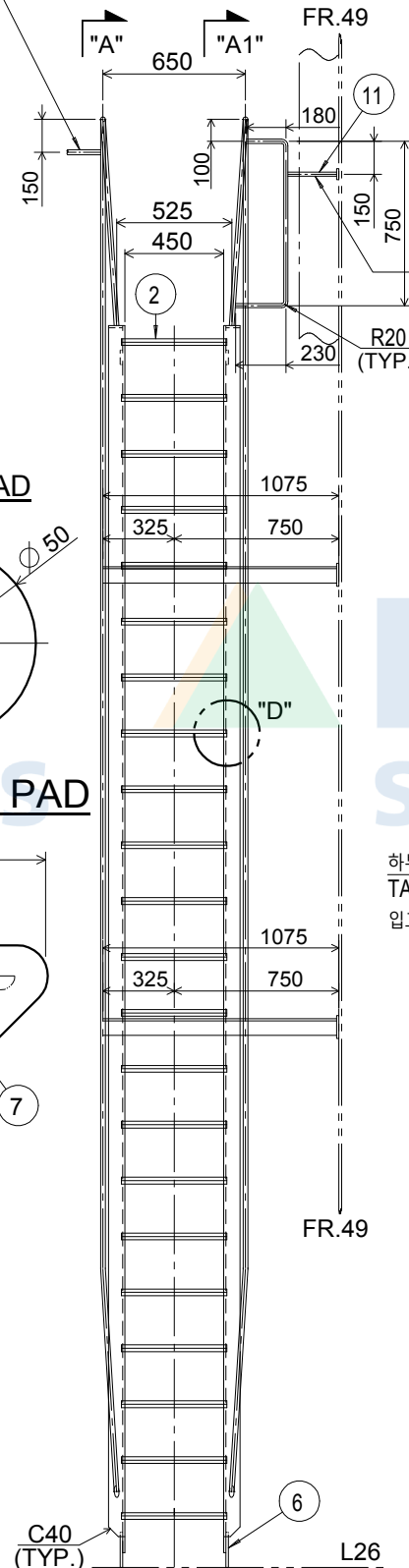


각도에 주의하여 제작할 것.

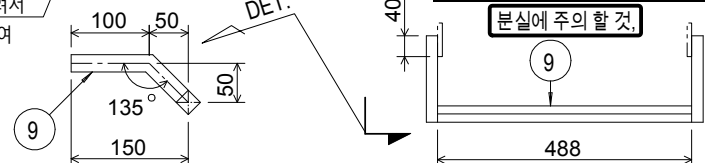
"B", "B1" $\frac{C}{(TY)}$

STEP은 고박 입고
하부 LUG 설치후,
LUG에 현장 조정설치 할 것.

VIEW - "X"



DET. OF STEP

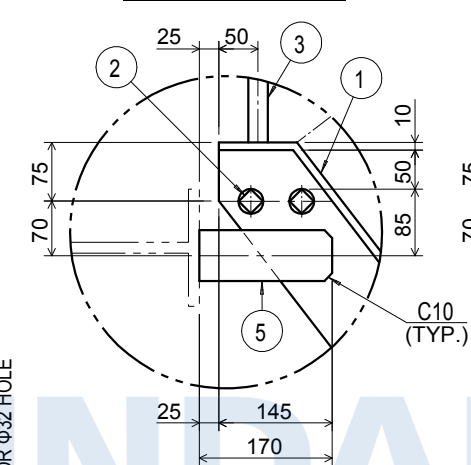


BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
B51P	ILW-406P	1	467.1	본도 제작
B51S	ILW-406S	1	467.1	대칭 제작

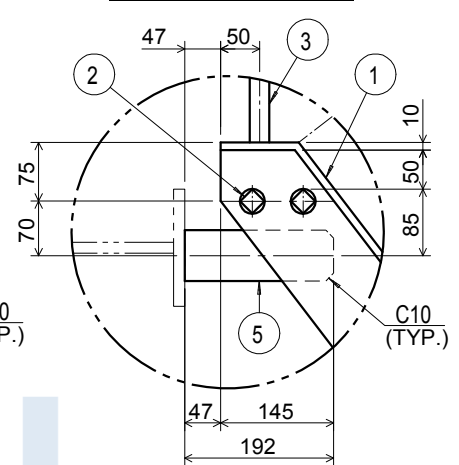
NOTE

1. 본도는 PORT SIDE (MARK NO. : ILW-406P)를 나타냄.
STB'D SIDE (MARK NO. : ILW-406S)는 대칭으로 제작할 것.
2. PAINT CODE : PP

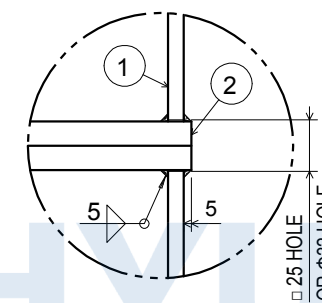
DET. OF "A"



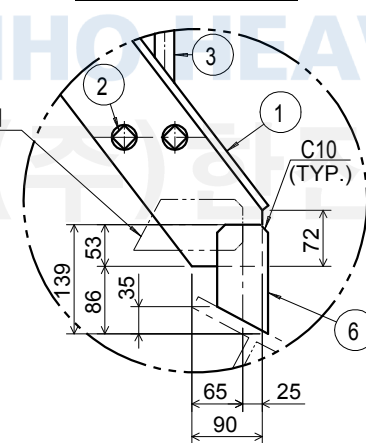
DET. OF "A1"



DET. OF "D"

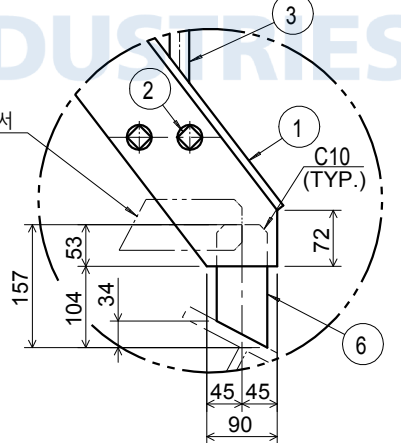


DET. OF "B"



하부 LUG는 90도 돌려서
TACK WELDING하여
입고할 것.

DET. OF "B1"



하부 LUG는 90도 돌려서
TACK WELDING하여
입고할 것.

11	AVP-01	Φ19 R.BAR, 10t PLATE	SS400 or SS275	1	1.0	고박입고
10	SUPPORT	75 X 75 X 9t E.A	SS400 or SS275	2	36.1	
9	STEP	22 SQ.BAR	SS400 or SS275	1	3.0	고박입고
8	ANTI-VIB. PIECE	Φ19 R.BAR	SS400 or SS275	1	2.7	L=1200
7	PAD	9t PLATE	SS400 or SS275	2	2.0	
6	LOWER LUG	65 X 12t F.B	SS400 or SS275	2	2.0	
5	UPPER LUG	65 X 12t F.B	SS400 or SS275	2	2.5	
4	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	34.4	
3	TOP RAIL & POST	Φ25 R.BAR	SS400 or SS275	2	95.7	
2	STEP	22 SQ.BAR	SS400 or SS275	44	80.3	
1	SIDE FRAME	125 X 75 X 10t U.A	SS400 or SS275	2	207.4	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



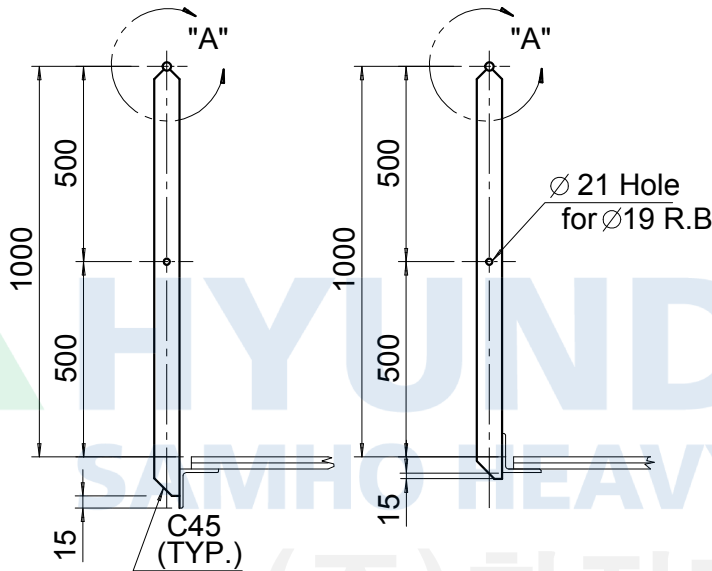
HANDRAIL (TYPE - D1)

SHIP NO.	8170
DWG NO.	S13W0-C26-56BB

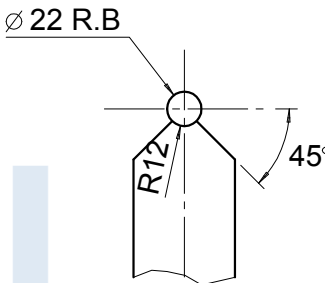
10

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

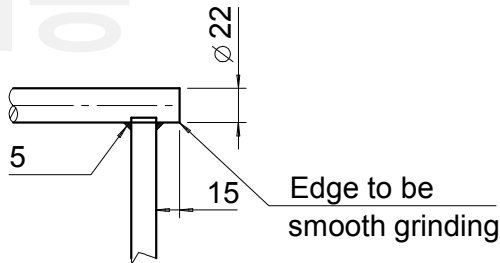
Stanchion



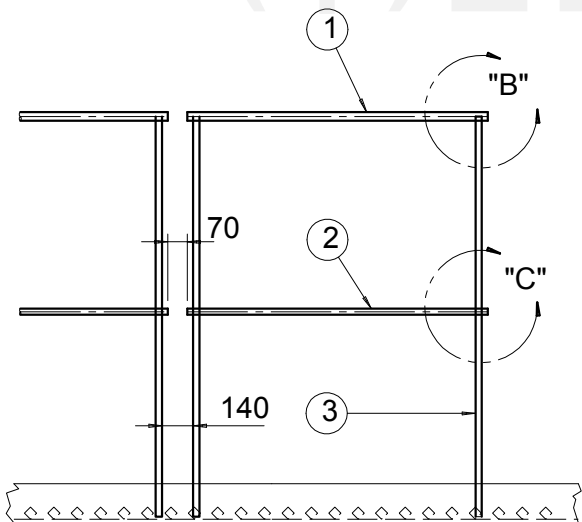
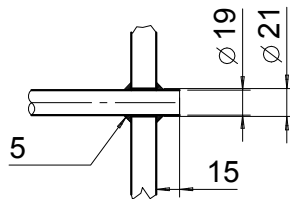
Det. of "A"



Det. of "B"



Det. of "C"



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.

08170-S13W0C2656BB-10



DETAIL OF STANCHION FOR RAIL

SHIP NO. 8170
DWG NO. S13W0-C26-56BB

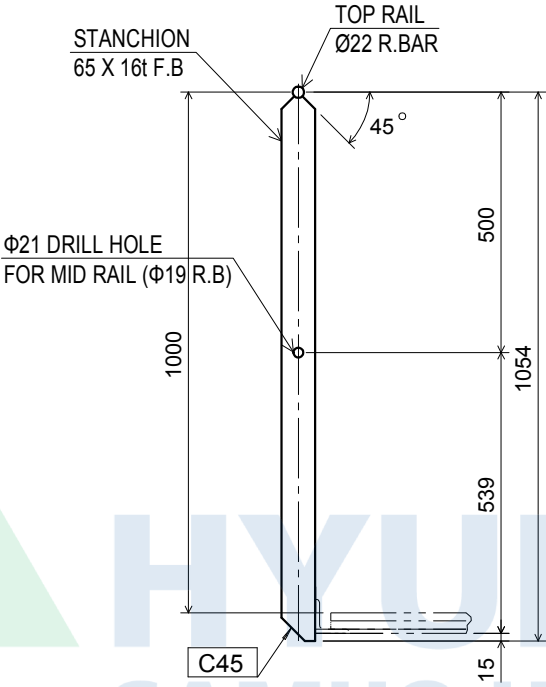
11

TYPE - M

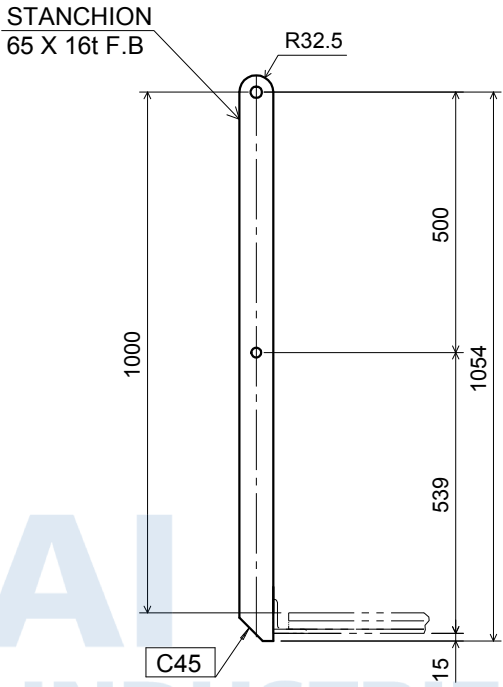
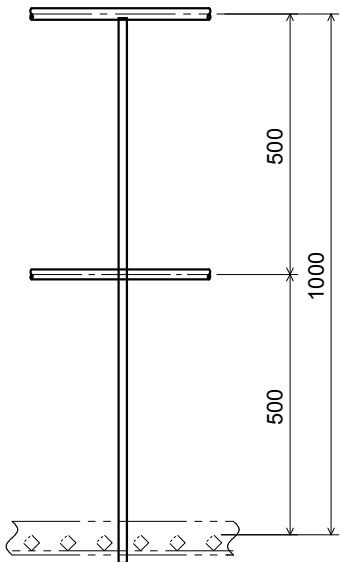
TYPE - E

TYPE - EL

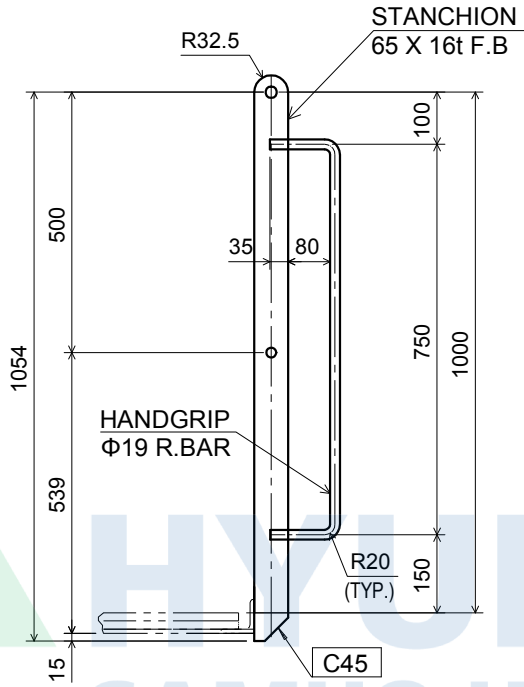
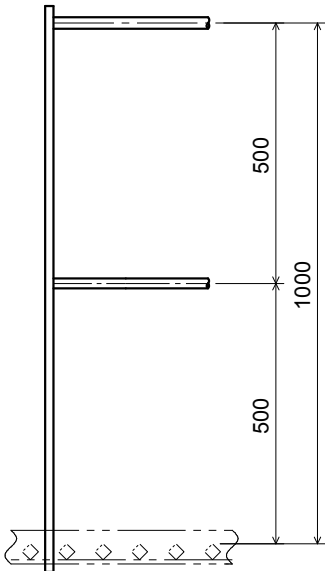
TYPE - ER



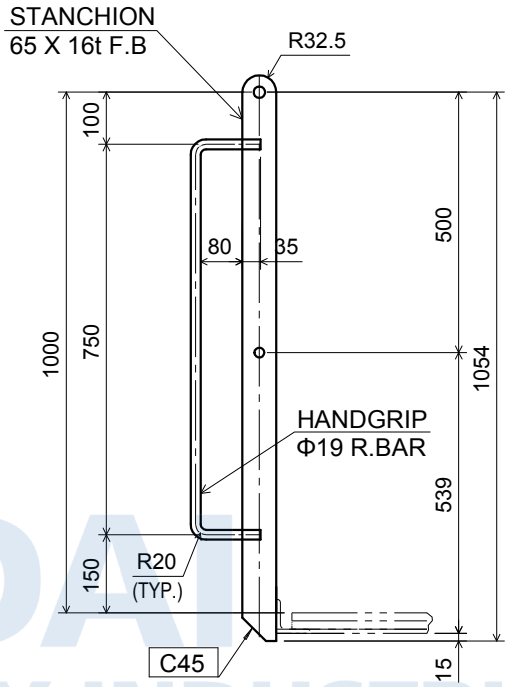
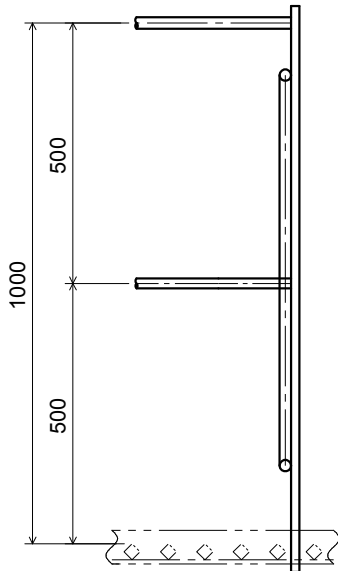
(MID STANCHION에 적용)



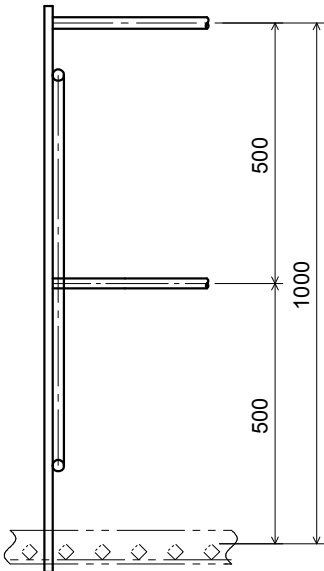
(END STANCHION에 적용)



(END STANCHION에 적용)



(END STANCHION에 적용)



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

08170-S13W0C2656BB-11



DETAIL OF PLATFORM

SHIP NO. 8170
DWG NO. S13W0-C26-56BB

12

NOTE

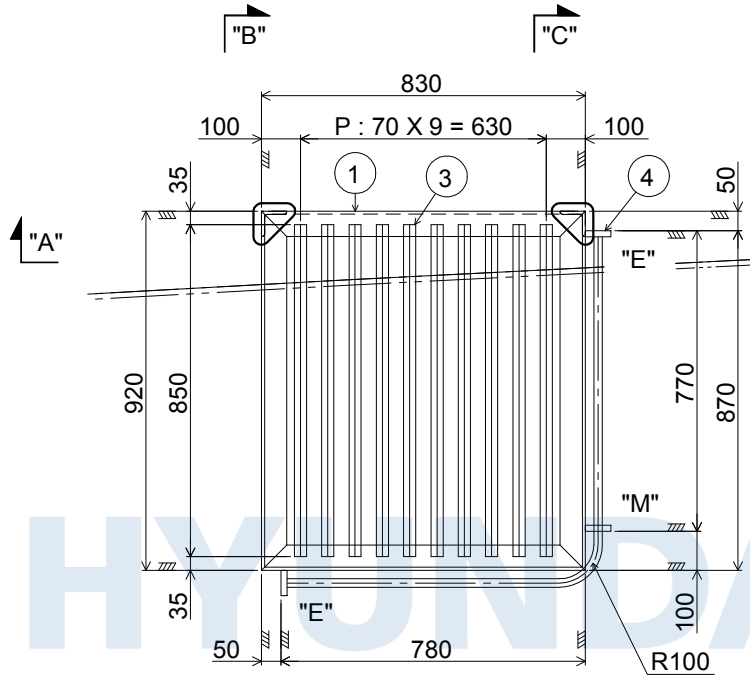
1. 본도는 PORT SIDE (MARK NO. : PFW-401P)를 나타냄.
STB'D SIDE (MARK NO. : PFW-401S)는 대칭으로 제작할 것.
2. HANDRAIL(STANCHION) 제작시 P.10 ~ 11 DETAIL 도면 참조할 것.
3. PAINT CODE : PP

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
B51P	PFW-401P	1	126.4	본도 제작
B51S	PFW-401S	1	126.4	대칭 제작

설치 BLOCK

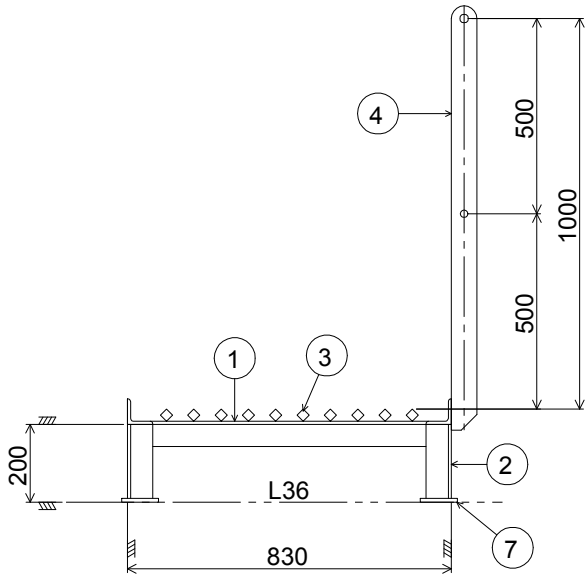
B51P
B51S

PLATFORM PLAN

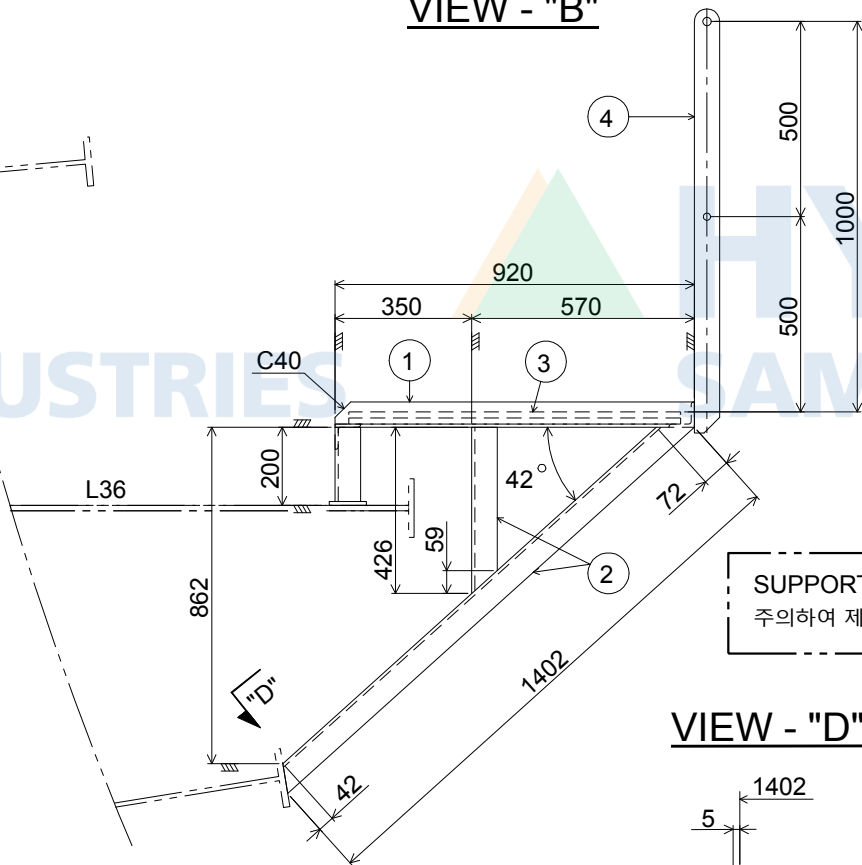


대칭 제작 기준선

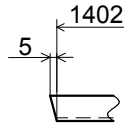
VIEW - "A"



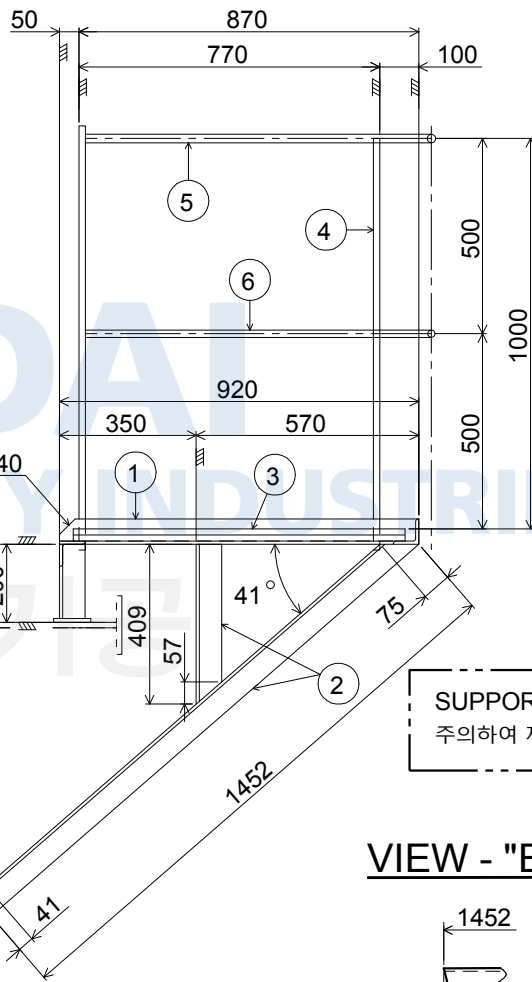
VIEW - "B"



VIEW - "D"



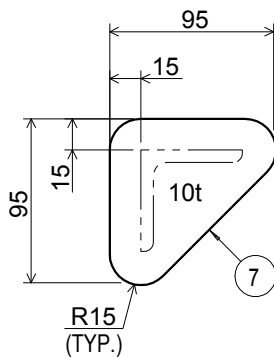
VIEW - "C"



VIEW - "E"



DETAIL OF PAD



7	PAD	10t PLATE	SS400 or SS275	2	2.0	
6	MID RAIL	Φ19 R.BAR	SS400 or SS275	1	3.7	
5	TOP RAIL	Φ22 R.BAR	SS400 or SS275	1	5.0	
4	STANCHION	65 X 16t F.B	SS400 or SS275	3	25.1	
3	STEP	22 SQ.BAR	SS400 or SS275	10	32.3	
2	SUPPORT	65 X 65 X 8t E.A	SS400 or SS275	6	31.4	
1	SIDE FRAME	65 X 65 X 8t E.A	SS400 or SS275	1	26.9	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

O8170-S13W0C2656BB-12



DETAIL OF PLATFORM (1/2)

SHIP NO. 8170

13

DWG NO. S13W0-C26-56BB

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
S13P	PFW-451P	1	187.2	본도 제작
S13S	PFW-451S	1	187.2	대칭 제작

설치 BLOCK

S13P
S13S

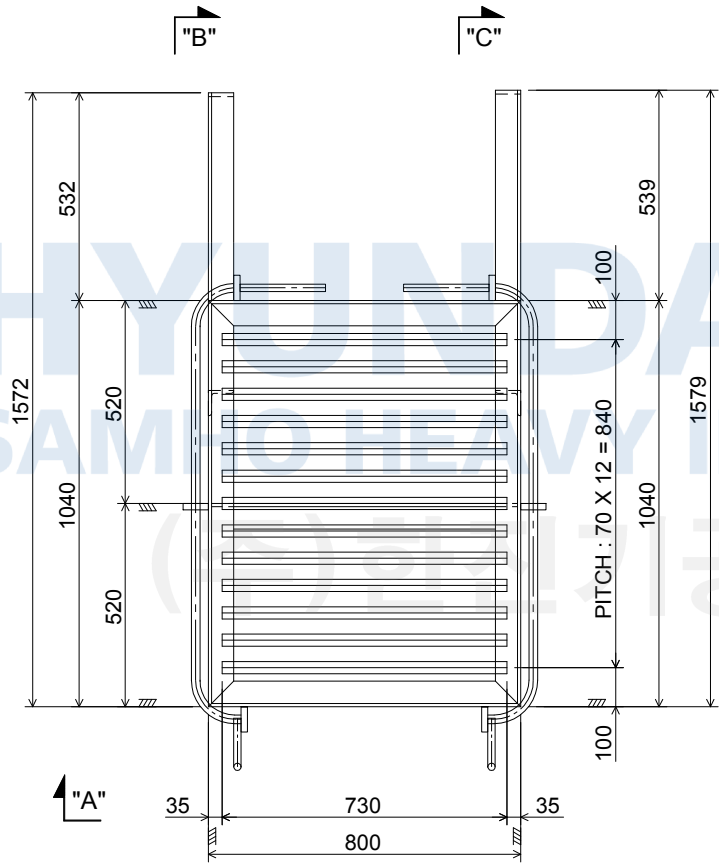
NOTE

- 본도는 PORT SIDE (MARK NO. : PFW-451P)를 나타냄.
STB'D SIDE (MARK NO. : PFW-451S)는 대칭으로 제작할 것.
- HANDRAIL(STANCHION) 제작시 P.10 ~ 11 DETAIL 도면 참조할 것.
- PAINT CODE : PP

DET.OF ANTI.VIB PIECE
(2EA)

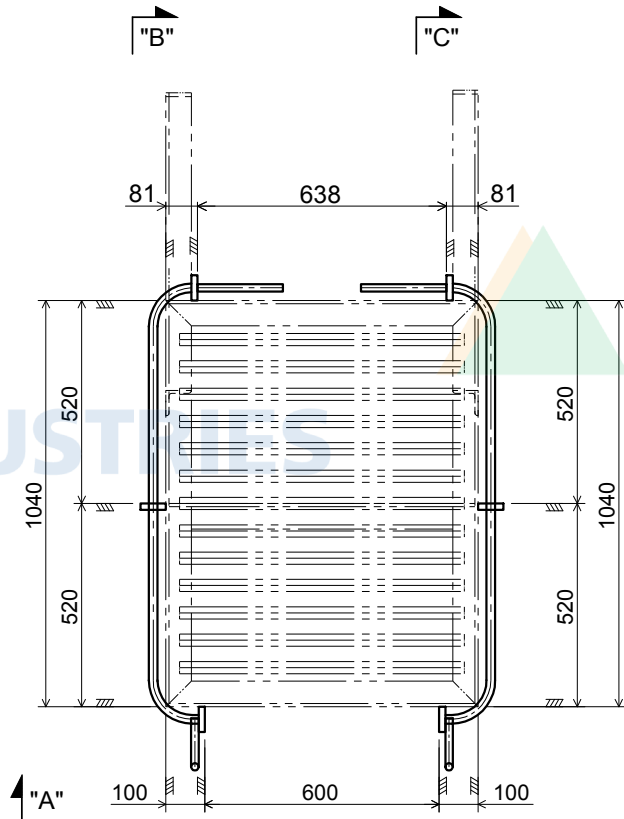


PLATFORM PLAN



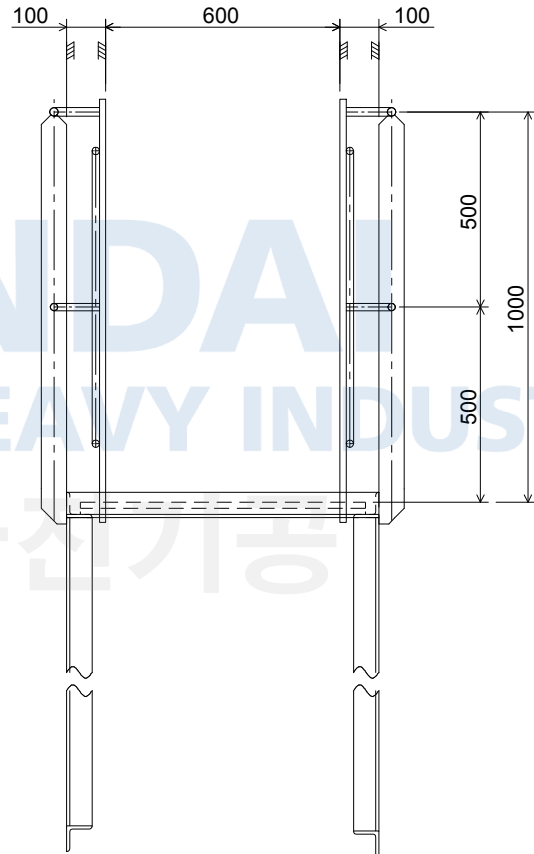
대칭 제작 기준선

HANDRAIL PLAN



대칭 제작 기준선

VIEW "A"



7	ANTI-VIB.PIECE	Φ19 R.BAR	SS400 or SS275	2	0.9	
6	MID RAIL	Φ19 R.BAR	SS400 or SS275	2	5.6	
5	TOP RAIL	Φ22 R.BAR	SS400 or SS275	2	7.4	
4	STANCHION	65 X 16t F.B	SS400 or SS275	6	56.3	
3	STEP	22 SQ.BAR	SS400 or SS275	13	36.1	
2	SUPPORT	65 X 65 X 8t E.A	SS400 or SS275	4	38.3	
1	SIDE FRAME	65 X 65 X 8t E.A	SS400 or SS275	1	42.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



DETAIL OF PLATFORM (2/2)

SHIP NO.	8170	14
DWG NO.	S13W0-C26-56BB	END

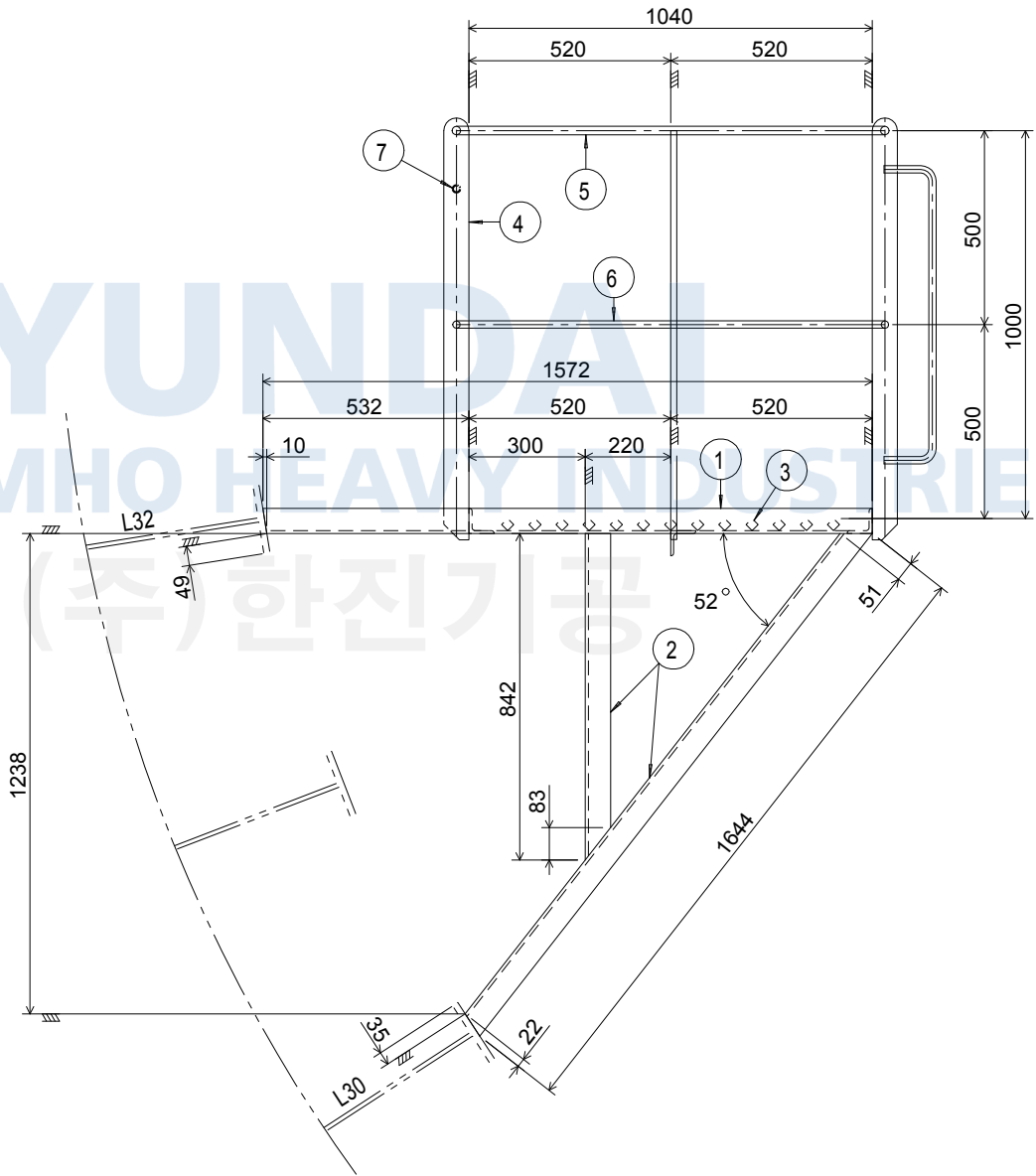
설치 BLOCK

S13P
S13S

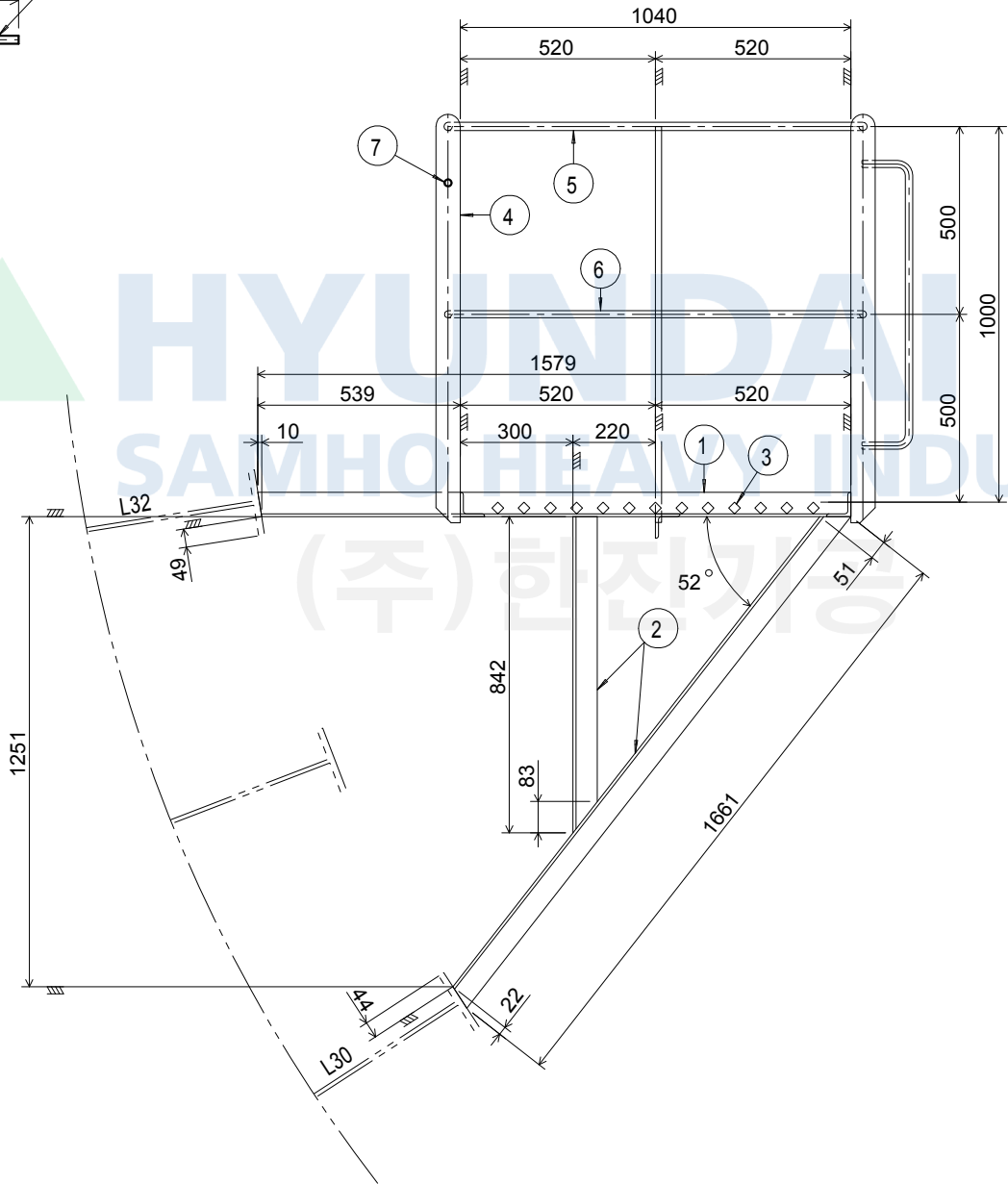
DET.OF ANTI.VIB PIECE
(2EA)



VIEW "B"



VIEW "C"



O8170-S13W0C2656BB-14