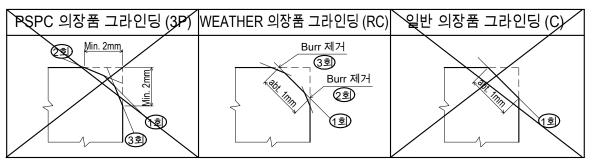
			PLAN HISTORY			
DATE	REV	/. NO.	DESCRIPTION	DRAWN	CHKD	APPRD
2022. 03.07		0	8101/8102 호선 LADDER & PLATFORM FOR NO.5 COFFERDAM 제작 도면으로 작성함.	고상우	김유만	김동휘
			TYUNDAI			
			ANAHO HEAVY IND		TD	

	PAINTING SPEC.						PAINT SUPPLIER		
PAINT'G SYMBOL	PAINT ITEM OR AREA	MATERIAL	SHOP PRIMER	표면 처리		BRAND NAME OF AND ITS COLOR		T (M)	REMARK
P7	ALL ITEM	OTEE	NC	To	1st	ENA 370/373 (BR	ONZE)	125	
PZ	ALL ITEM	STEEL	NS	Т3	2nd	ENA 371/373 (ALI	JMINIUM)	125	

0000						
1100305688-000						
003						
- - - -	ITEM		IN SIDE & OUT SIDE		IN SIDE	OUT SIDE
─ 외수 MAKER └ PAINT		FINAL	SHOP PRIMER	PRIMER		
외주 MAKER PAINT 시공범위						
	ŀ	HYUNDAI SAMHO	HEAVY INDUSTR	IES CO., LTD		A3 (420×29

NOTE

- 1. 본도는 LADDER & PLATFORM FOR NO.5 COFFERDAM 제작도임.
- 2. 모서리 부분은 하기와 같이 그라인딩 할 것.

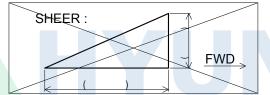


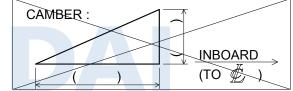
- 3. 용접은 특기외 하기표 참조하여 연속 용접 할 것.
- \* 필렛의 용접각장은 아래를 따를 것.

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°C)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 니쁠 : JIS B 1575 A-PT1/8" BALL TYPE 러버 캡을 씌울것.[재질:브라스(BRASS)]
- 10. P.O.R NO: JT2
- 11. TOTAL WEIGHT: 619.3 kg/SHIP

( 15 SHEETS WITH COVER)

B026 8101/8102	SHIP TYPE 174,000 CBM CLASS LNGC (MARK III FLEX,MEMB.,ME-GA)
EL. NO. SHIP DESIGN OFFICE 2862 선장설계부	SHIP NAME
APPROVED BY 김동회 CHECKED BY 김유만 DRAWN BY 고상우	LADDER & PLATFORM FOR NO.5 COFFERDAM 제 작 도
	DWG NO. T11T0-C30-56BB-0
Hyundai Samho Heavy Industries Co., Ltd	DATE CONSOLIDATED NO. 2022. 03. 07

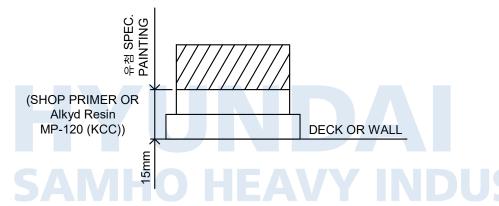
# 제작사양서 (외주구매용)

제작품별 납기 LIST

SHIP NO. 8101 / 8102

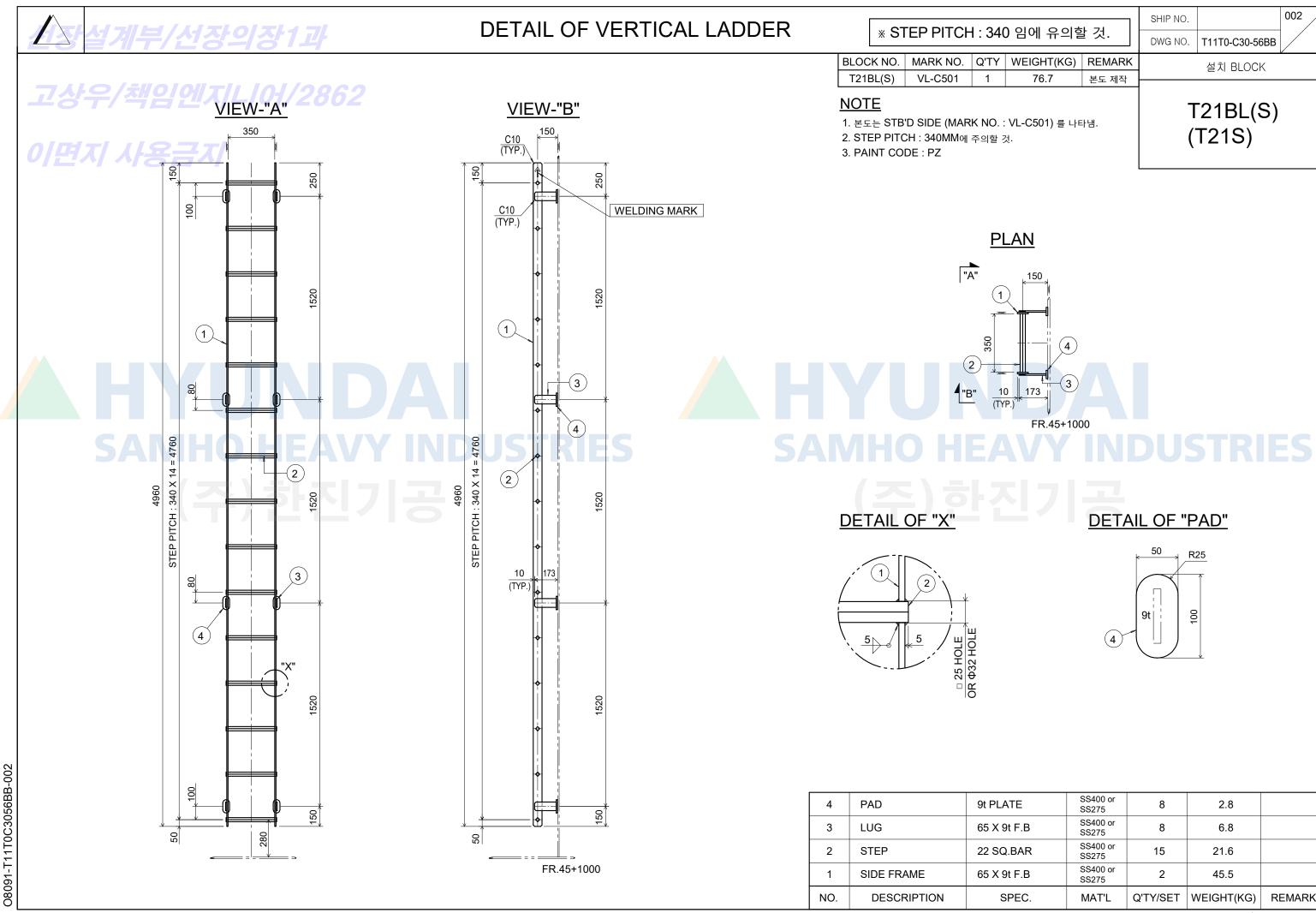
DWG NO. T11T0-C30-56BB

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

							3 NU.   1	1110-030-30	ا / ا
P.O.R NO.	SEQ. NO.	BLOCK	STAGE	MARK NO.	DESCRIPTION	PAINT CODE	Q'TY /SHIP	WEIGHT (KG/SET)	설치부서
JT2	01	T21BL(S)	BS	VL-C501	VERTICAL LADDER	PZ	1	76.7	B-LOT
	02	T21BL(S)	BS	VL-C502	VERTICAL LADDER	PZ	1	26.7	B-LOT
	03	T21BL(S)	BS	VL-C503	VERTICAL LADDER	PZ	1	76.7	B-LOT
	04	T21BL(S)	BS	VL-C504	VERTICAL LADDER	PZ	1	26.3	B-LOT
	05	T21BL(S)	BS	VL-C505	VERTICAL LADDER	PZ	1	72.6	B-LOT
	06	T21BL(S)	BS	VL-C506	VERTICAL LADDER	PZ	1	26.2	B-LOT
	07	T11BL(S)	BS	VL-C507	VERTICAL LADDER	PZ	1	72.7	B-LOT
	08	T11BL(S)	BS	VL-C508	VERTICAL LADDER	PZ	1	26.3	B-LOT
	09	T11AL(S)	BS	VL-C509	VERTICAL LADDER	PZ	1	68.3	A-LOT
	10	T11AL(S)	BS	VL-C510	VERTICAL LADDER	PZ	1	26.7	A-LOT
	11	T11AL(S)	BS	VL-C511	VERTICAL LADDER	PZ	1	60.7	A-LOT
	12	T11S0	CS	VL-C512	VERTICAL LADDER	PZ	1	27.1	TB1
	13	B13DL(P)	BS	VL-B13P	VERTICAL LADDER	PZ	1	32.3	D-LOT



\* STEP PITCH : 340 임에 유의할 것.

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T21BL(S)	VL-C502	1	26.7	본도 제작

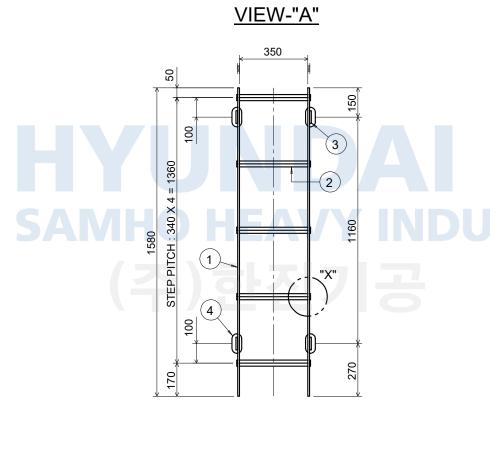
SHIP NO.	8101 / 8102	003
DWG NO.	T11T0-C30-56BB	

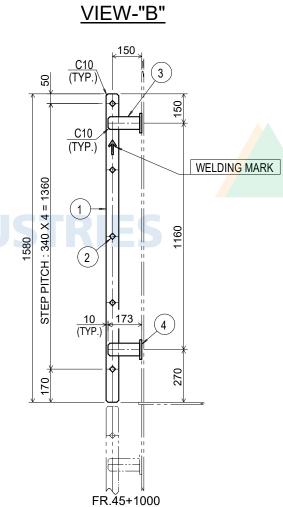
설치 BLOCK

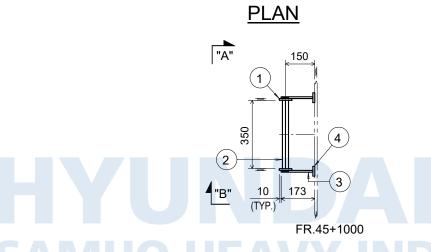
T21BL(S) (T21S)

#### **NOTE**

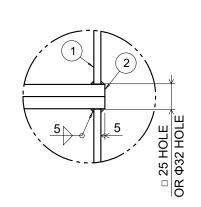
- 1. 본도는 STB'D SIDE (MARK NO. : VL-C502) 를 나타냄.
- 2. STEP PITCH : 340MM에 주의할 것.
- 3. PAINT CODE: PZ



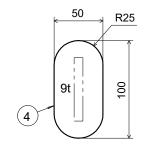




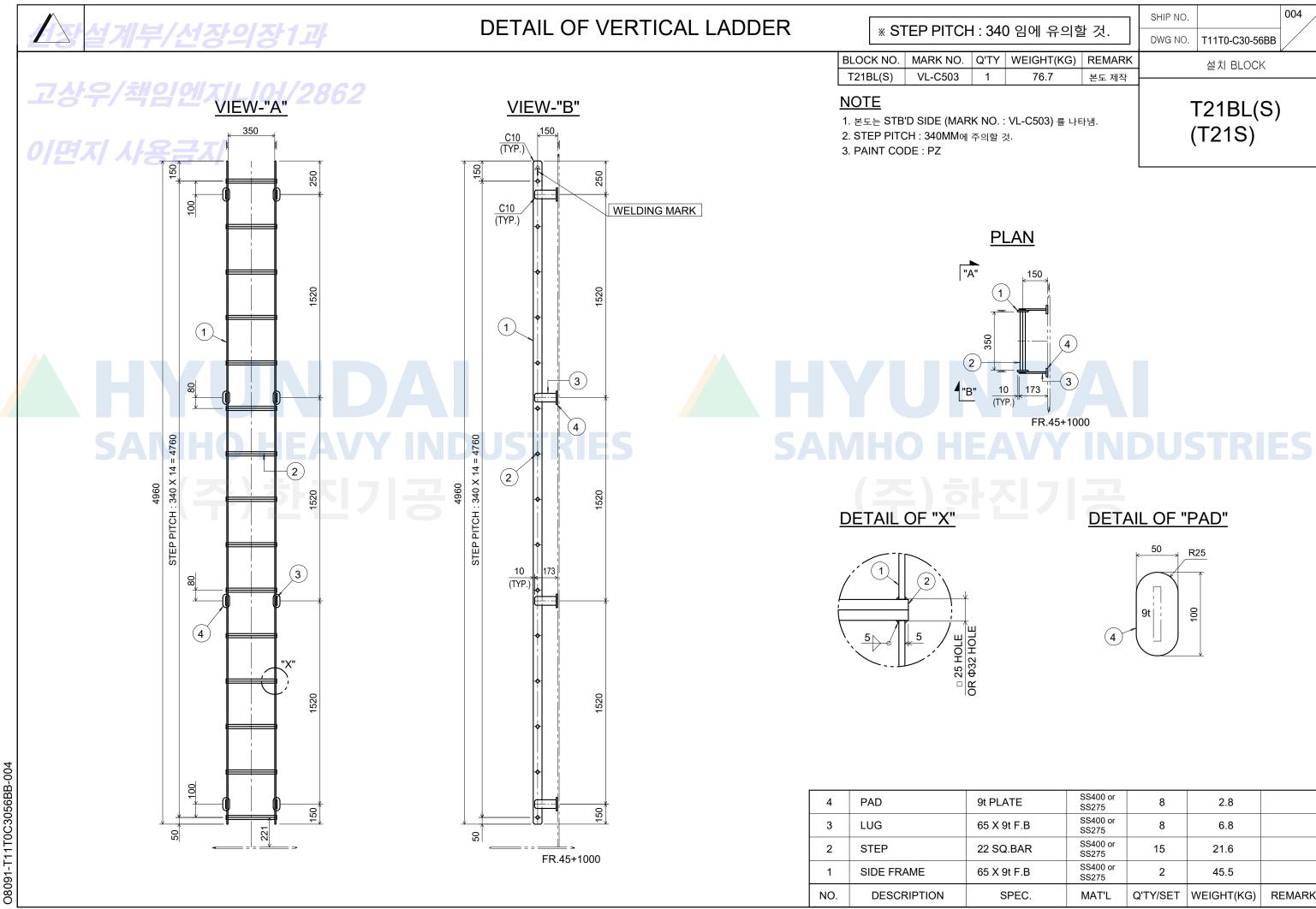
# **SAMHO HEAVY INDUSTRIES**







4	PAD	9t PLATE	SS400 or SS275	4	1.4	
3	LUG	65 X 9t F.B	SS400 or SS275	4	3.4	
2	STEP	22 SQ.BAR	SS400 or SS275	5	7.4	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	14.5	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



\* STEP PITCH: 340 임에 유의할 것.

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T21BL(S)	VL-C504	1	26.3	본도 제작

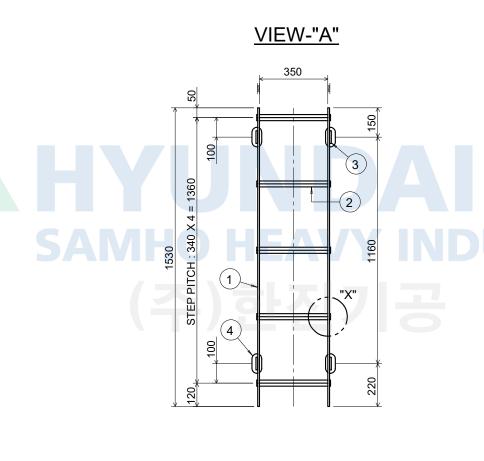
SHIP NO.	8101 / 8102	005
DWG NO.	T11T0-C30-56BB	

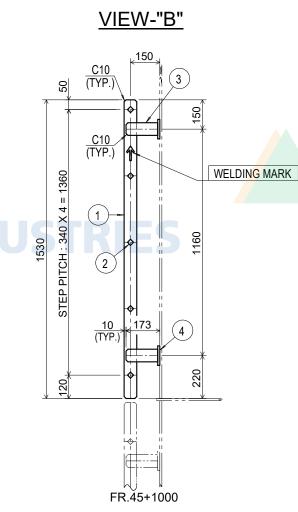
설치 BLOCK

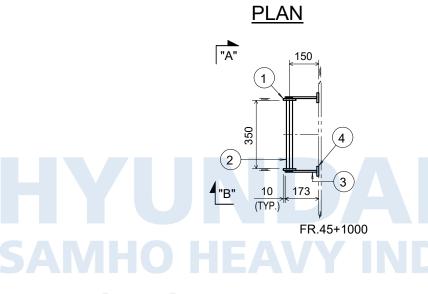
T21BL(S) (T21S)

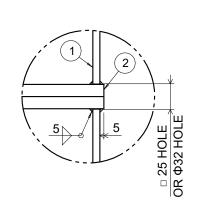
#### **NOTE**

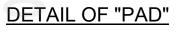
- 1. 본도는 STB'D SIDE (MARK NO. : VL-C504) 를 나타냄.
- 2. STEP PITCH : 340MM에 주의할 것.
- 3. PAINT CODE: PZ

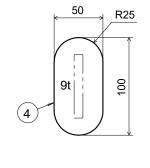




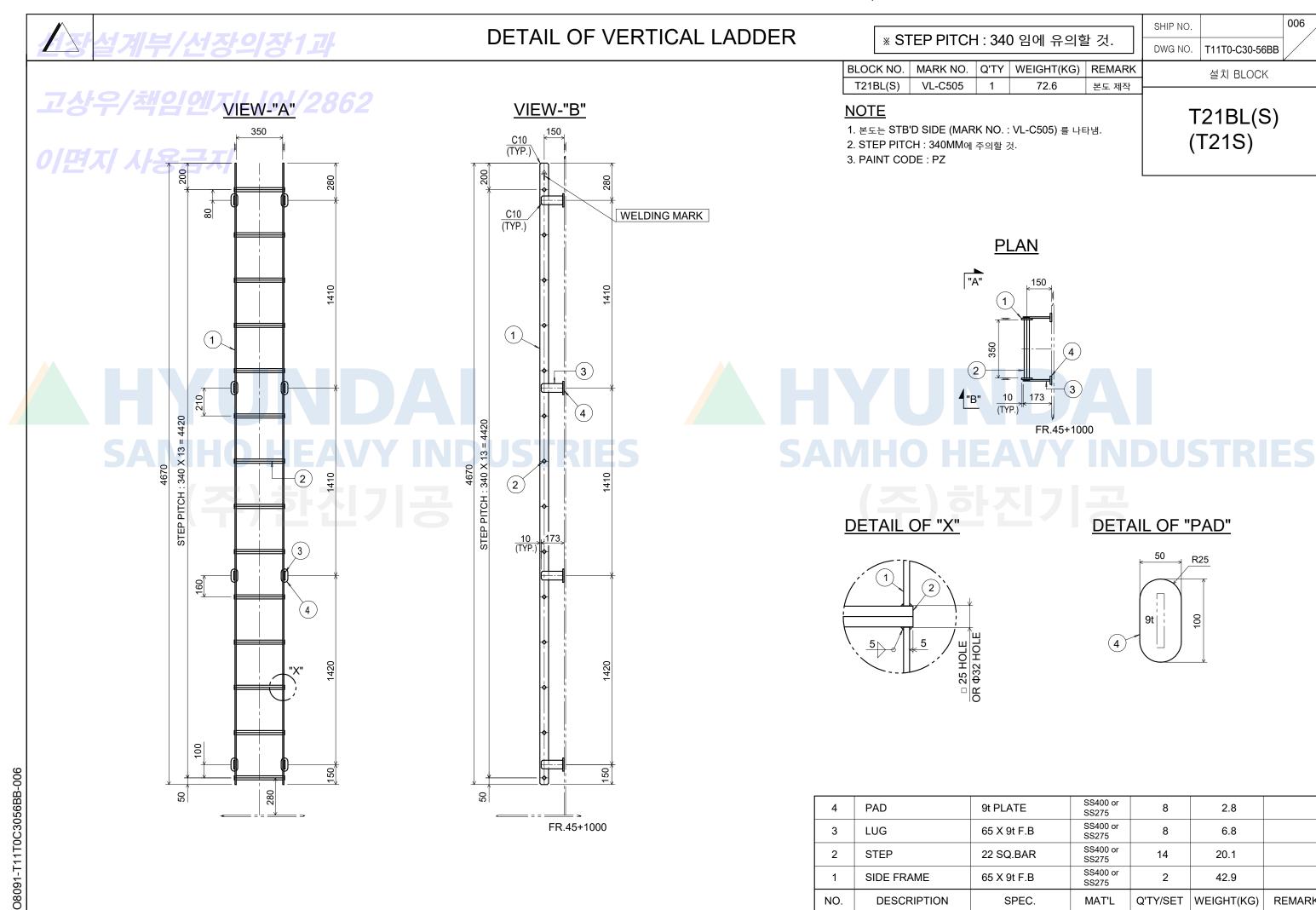








4	PAD	9t PLATE	SS400 or SS275	4	1.4	
3	LUG	65 X 9t F.B	SS400 or SS275	4	3.4	
2	STEP	22 SQ.BAR	SS400 or SS275	5	7.4	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	14.1	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



Q'TY/SET

MAT'L

WEIGHT(KG)

NO.

**DESCRIPTION** 

SPEC.

\* STEP PITCH : 340 임에 유의할 것.

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T21BL(S)	VL-C506	1	26.2	본도 제작

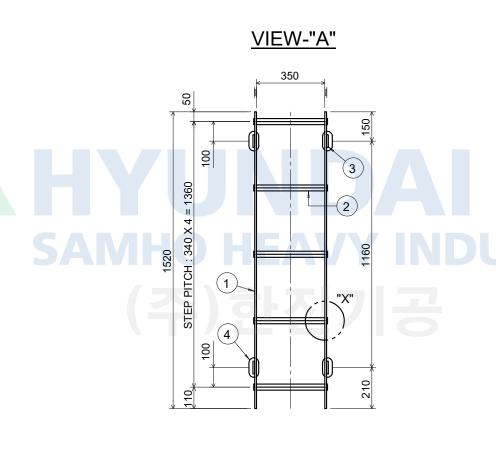
SHIP NO.	8101 / 8102	0
DWG NO.	T11T0-C30-56BB	_

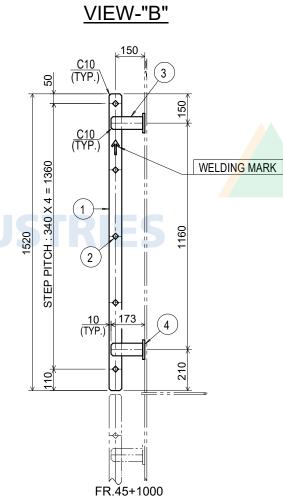
설치 BLOCK

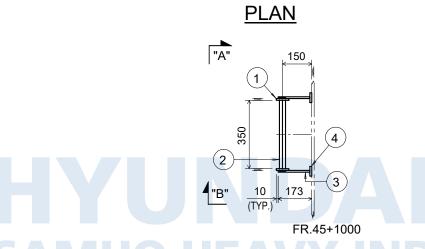
T21BL(S) (T21S)

#### **NOTE**

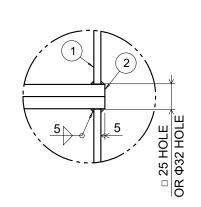
- 1. 본도는 STB'D SIDE (MARK NO. : VL-C506) 를 나타냄.
- 2. STEP PITCH : 340MM에 주의할 것.
- 3. PAINT CODE: PZ



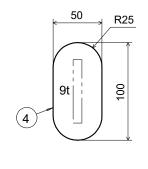




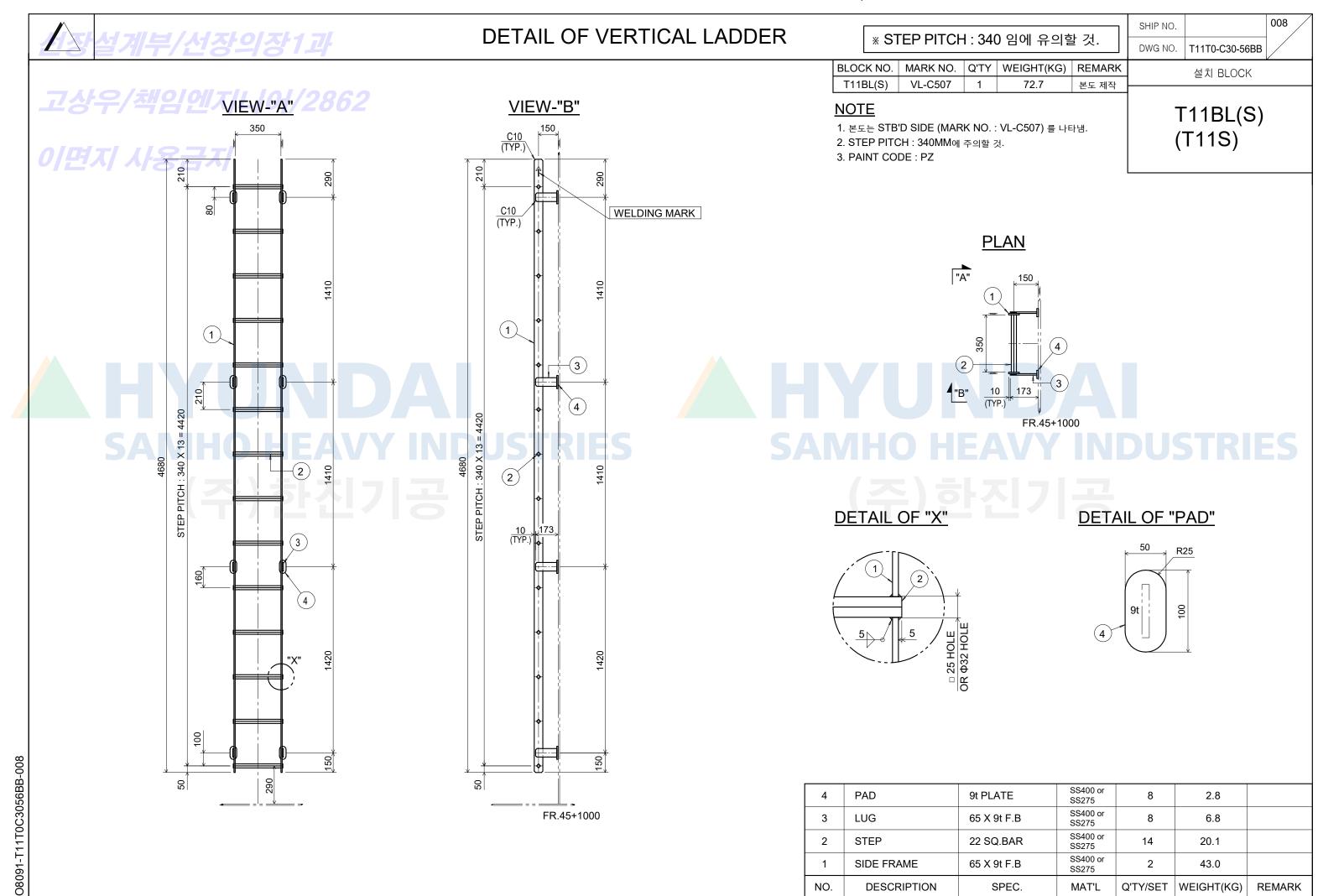
# SAMHO HEAVY INDUSTRIES







4	PAD	9t PLATE	SS400 or SS275	4	1.4	
3	LUG	65 X 9t F.B	SS400 or SS275	4	3.4	
2	STEP	22 SQ.BAR	SS400 or SS275	5	7.4	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	14.0	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



※ STEP PITCH : 340 임에 유의할 것.

BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T11BL(S)	VL-C508	1	26.3	본도 제작

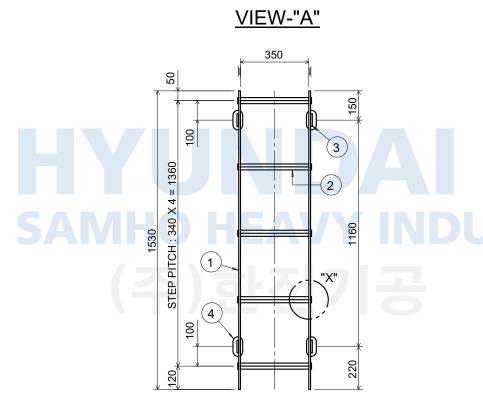
SHIP NO.	8101 / 8102	009
DWG NO.	T11T0-C30-56BB	

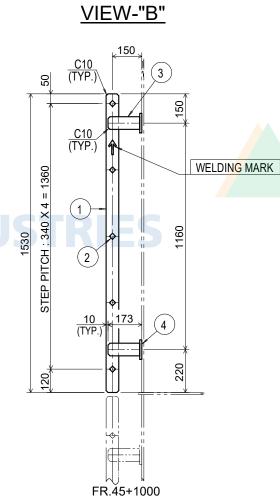
설치 BLOCK

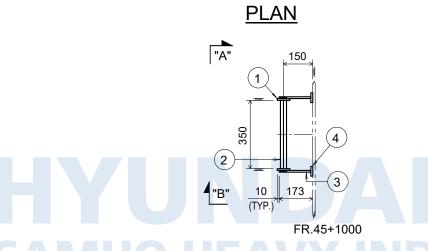
T11BL(S) (T11S)

#### **NOTE**

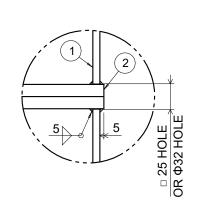
- 1. 본도는 STB'D SIDE (MARK NO. : VL-C508) 를 나타냄.
- 2. STEP PITCH : 340MM에 주의할 것.
- 3. PAINT CODE: PZ



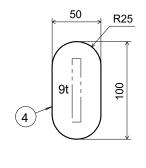




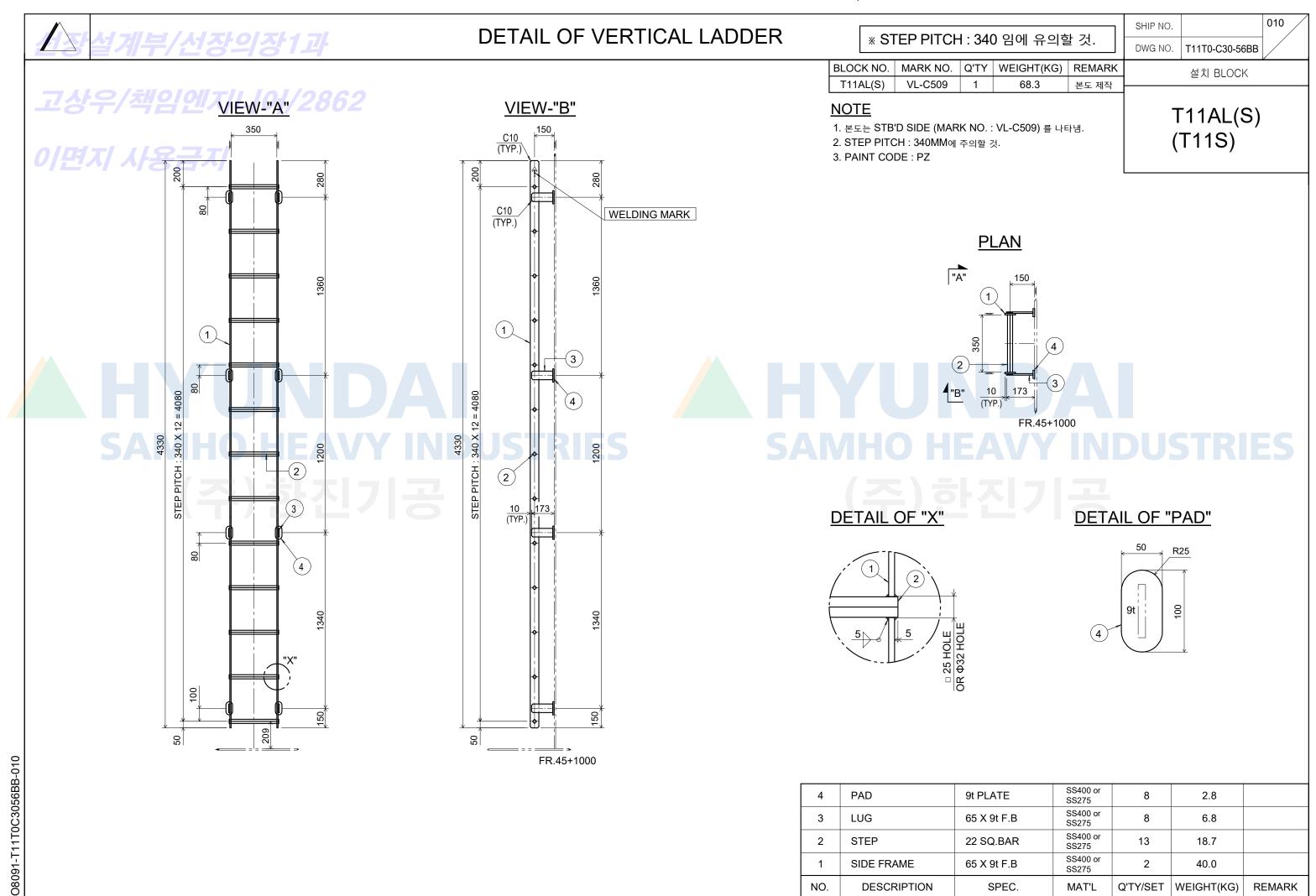
# **SAMHO HEAVY INDUSTRIES**







4	PAD	9t PLATE	SS400 or SS275	4	1.4	
3	LUG	65 X 9t F.B	SS400 or SS275	4	3.4	
2	STEP	22 SQ.BAR	SS400 or SS275	5	7.4	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	14.1	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK



SS400 or 2 40.0 SS275 Q'TY/SET MAT'L WEIGHT(KG)

18.7

13

SS400 or

SS275

22 SQ.BAR

65 X 9t F.B

SPEC.

2

NO.

STEP

SIDE FRAME

**DESCRIPTION** 

\* STEP PITCH : 340 임에 유의할 것.

L				
BLOCK NO.	MARK NO.	Q'TY	WEIGHT(KG)	REMARK
T11AL(S)	VL-C510	1	26.7	본도 제작

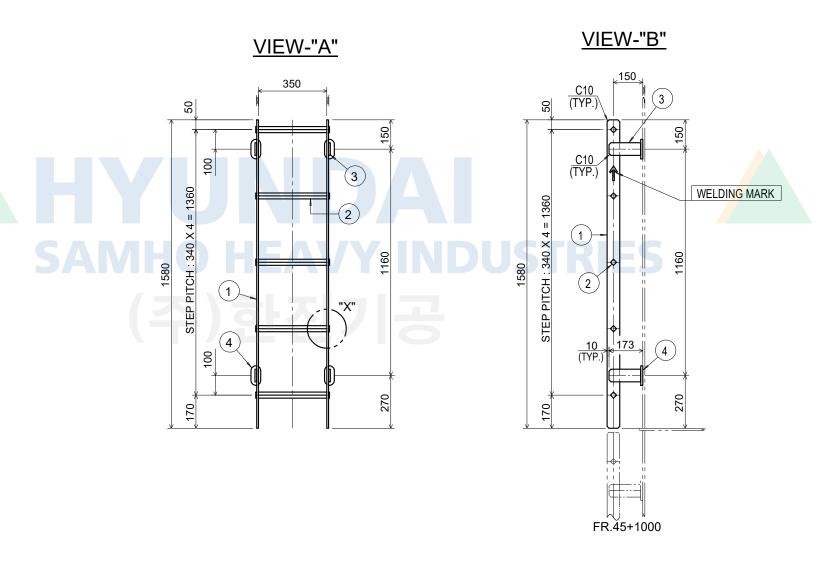
SHIP NO.	8101 / 8102	0
DWG NO.	T11T0-C30-56BB	/

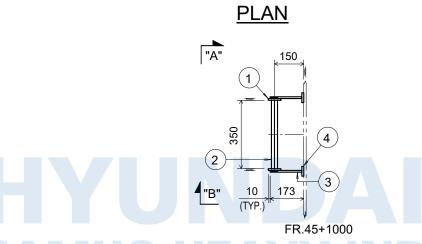
설치 BLOCK

T11AL(S) (T11S)

#### **NOTE**

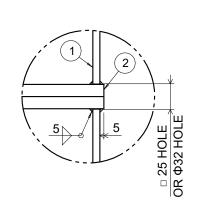
- 1. 본도는 STB'D SIDE (MARK NO. : VL-C510) 를 나타냄.
- 2. STEP PITCH : 340MM에 주의할 것.
- 3. PAINT CODE: PZ

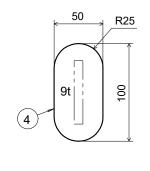




# SAMHO HEAVY INDUSTRIES

# **DETAIL OF "X"**





4	PAD	9t PLATE	SS400 or SS275	4	1.4	
3	LUG	65 X 9t F.B	SS400 or SS275	4	3.4	
2	STEP	22 SQ.BAR	SS400 or SS275	5	7.4	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	14.5	
NO.	DESCRIPTION	SPEC	MAT'I	O'TY/SET	WEIGHT(KG)	REMARK

계부/선장의장1과 고상우/책임엔지니어/2862

#### DETAIL OF VERTICAL LADDER

(4)

FR.45+1000

\* STEP PITCH: 340 임에 유의할 것

1.	DWG NO.	T11T0-C30-56B
	O 1 11 11 0 .	

SHIP NO

Q'TY WEIGHT(KG) REMARK BLOCK NO. MARK NO. T11AL(S) VL-C511 60.7 본도 제작

**PLAN** 

설치 BLOCK

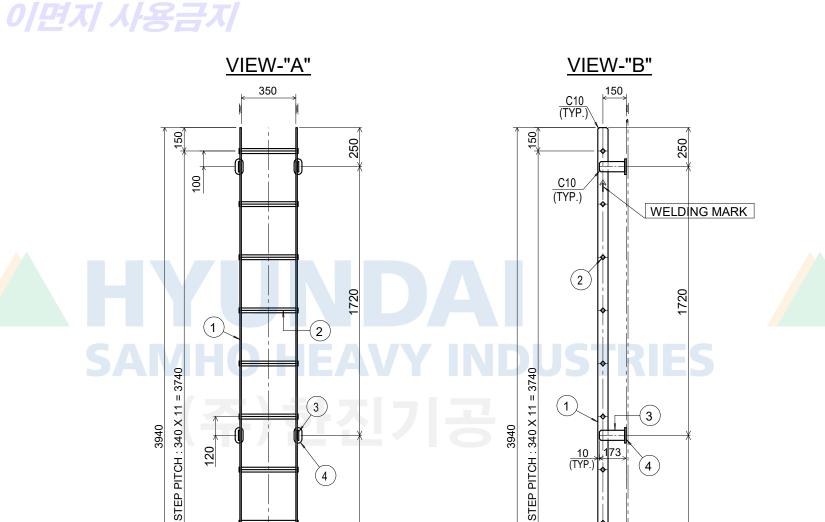
**NOTE** 

1. 본도는 STB'D SIDE (MARK NO. : VL-C511) 를 나타냄.

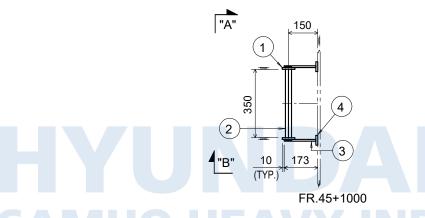
2. STEP PITCH : 340MM에 주의할 것.

3. PAINT CODE: PZ

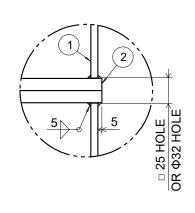
T11AL(S) (T11S)

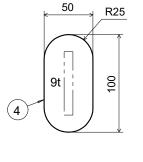


(4)



**DETAIL OF "X"** 





4	PAD	9t PLATE	SS400 or SS275	6	2.1	
3	LUG	65 X 9t F.B	SS400 or SS275	6	5.1	
2	STEP	22 SQ.BAR	SS400 or SS275	12	17.3	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	36.2	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

계부/선장의장1과

고상우/책임엔지니어/2862

이면지 사용금지

#### DETAIL OF VERTICAL LADDER

\* STEP PITCH: 340 임에 유의할 것.

	DWG NO.	T11T0-C30-56BB	
$\neg$	SHIP NO.		013

BLOCK NO. MARK NO. Q'TY WEIGHT(KG) REMARK T11S0 VL-C512 27.1 본도 제작

설치 BLOCK

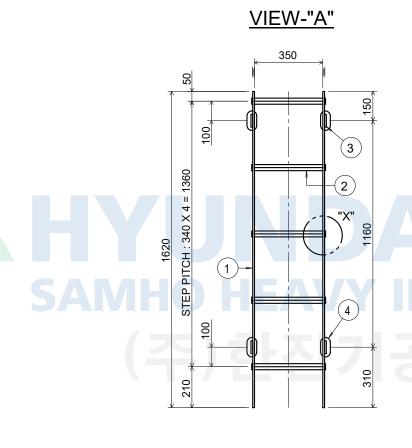
#### **NOTE**

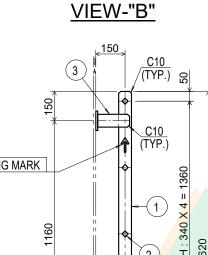
1. 본도는 STB'D SIDE (MARK NO. : VL-C512) 를 나타냄.

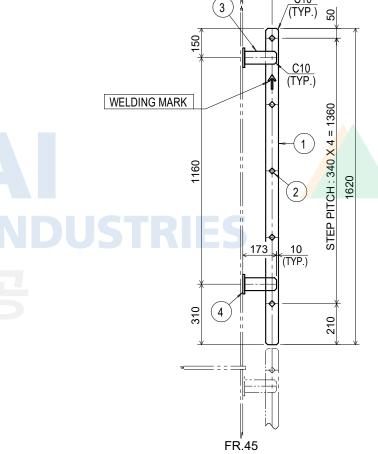
2. STEP PITCH : 340MM에 주의할 것.

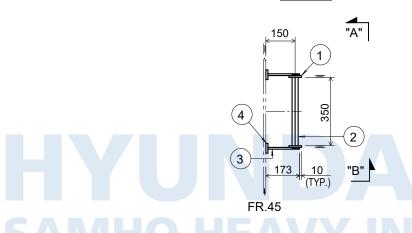
3. PAINT CODE: PZ

T11S0



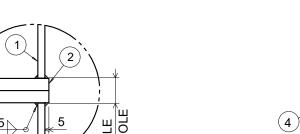


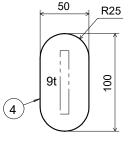




<u>PLAN</u>

## **DETAIL OF "X"**





4	PAD	9t PLATE	SS400 or SS275	4	1.4	
3	LUG	65 X 9t F.B	SS400 or SS275	4	3.4	
2	STEP	22 SQ.BAR	SS400 or SS275	5	7.4	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	14.9	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK

선광설계부/선장의장1과

고상우/책임엔지니어/2862

이면지 사용금지

#### DETAIL OF VERTICAL LADDER

\* STEP PITCH : 340 임에 유의할 것.

<u>PLAN</u>

SHIP NO.		014
DWG NO.	T11T0-C30-56BB	ENI
	_	

설치 BLOCK

B13DL(P)

(B13P)

BLOCK NO. MARK NO. Q'TY WEIGHT(KG) REMARK B13DL(P) VL-B13P 1 32.3 본도 제작

#### <u>NOTE</u>

- 1. 본도는 PORT SIDE (MARK NO. : VL-B13P) 를 나타냄.
- 2. STEP PITCH : 340MM에 주의할 것.
- 3. PAINT CODE: PZ

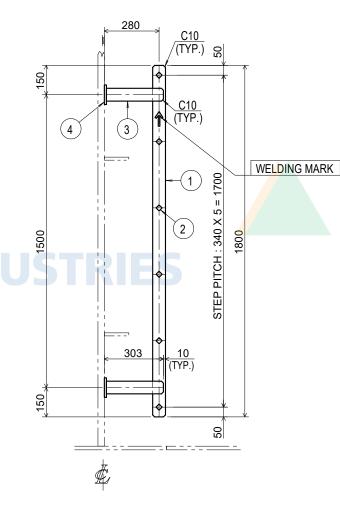
		VIEW-"A"
	20	350
	1700	3 2 "X"

STEP PITCH: 340 X 5

100

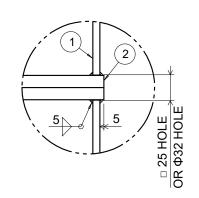
(4)

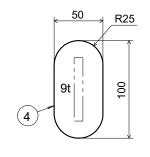
VIEW-"B"



SAMHO HEAVY INDUSTRIES

DETAIL OF "X"





4	PAD	9t PLATE	SS400 or SS275	4	1.4	
3	LUG	65 X 9t F.B	SS400 or SS275	4	5.6	
2	STEP	22 SQ.BAR	SS400 or SS275	6	8.7	
1	SIDE FRAME	65 X 9t F.B	SS400 or SS275	2	16.6	
NO.	DESCRIPTION	SPEC.	MAT'L	Q'TY/SET	WEIGHT(KG)	REMARK