


# NOTE


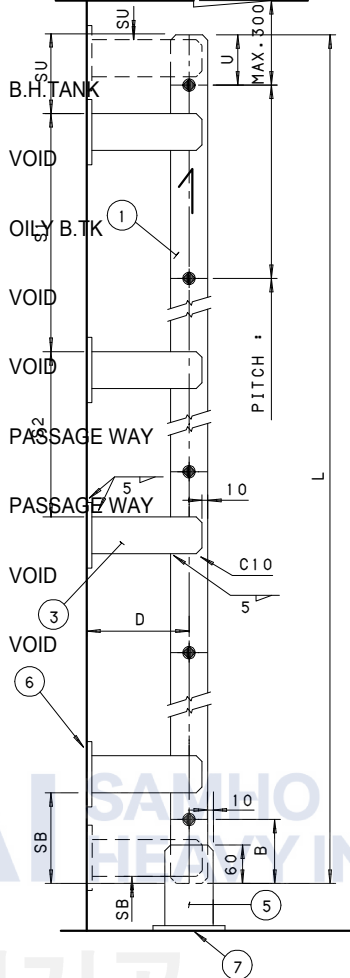
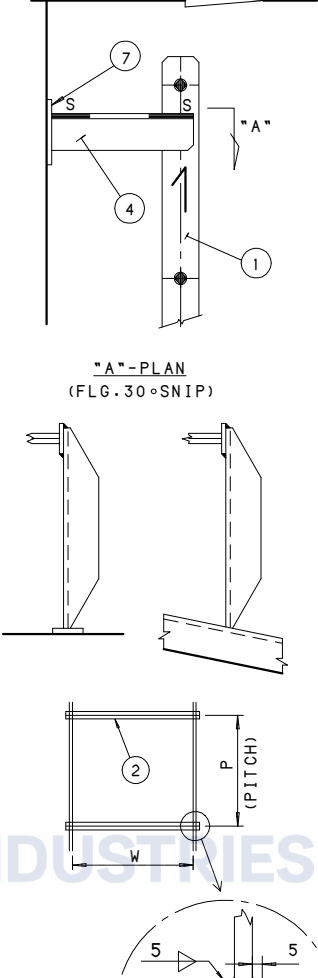
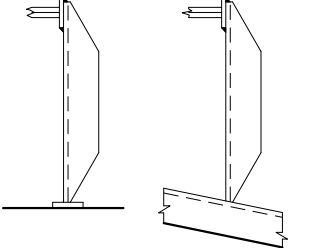
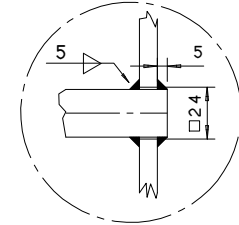
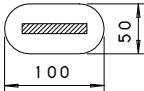
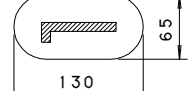
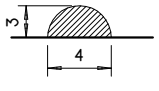
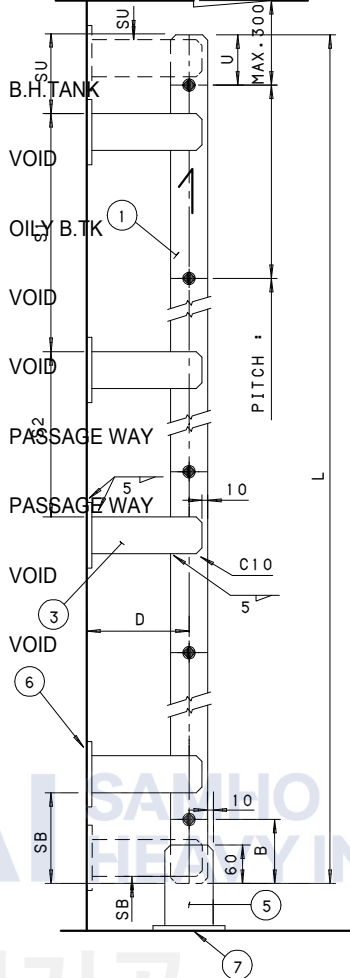
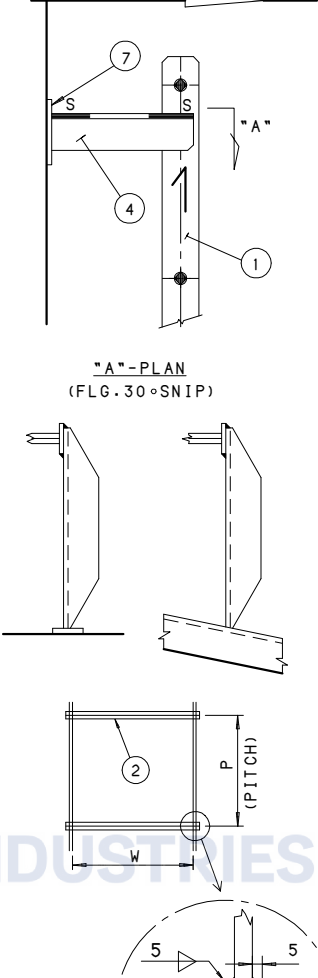
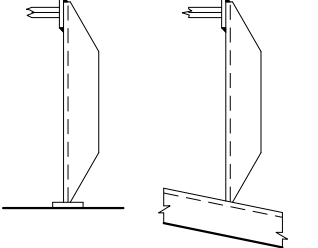
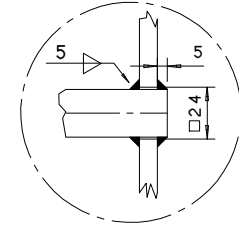
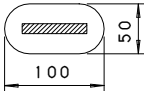
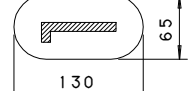
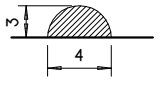
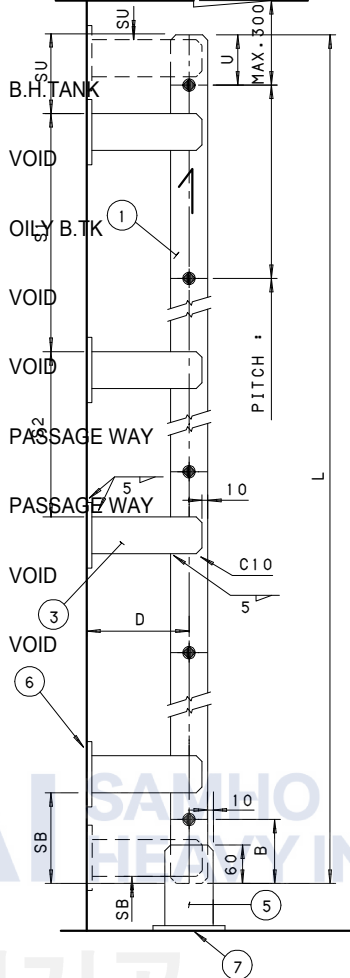
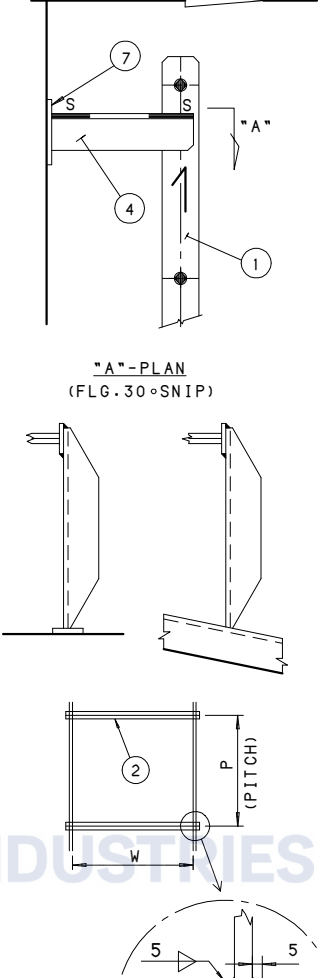
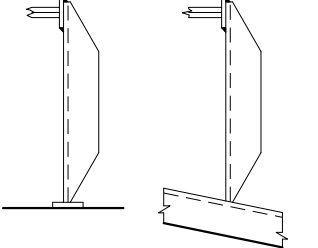
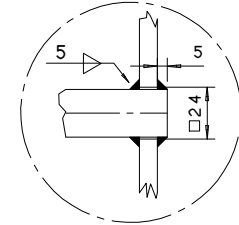
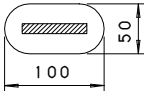
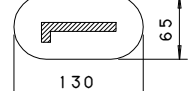
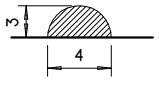
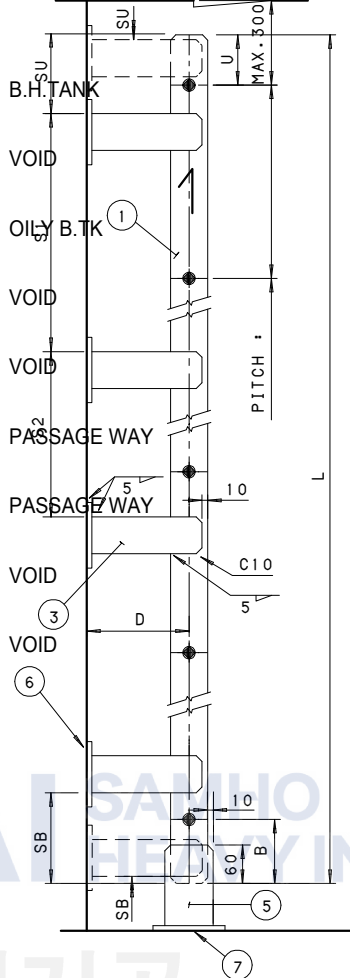
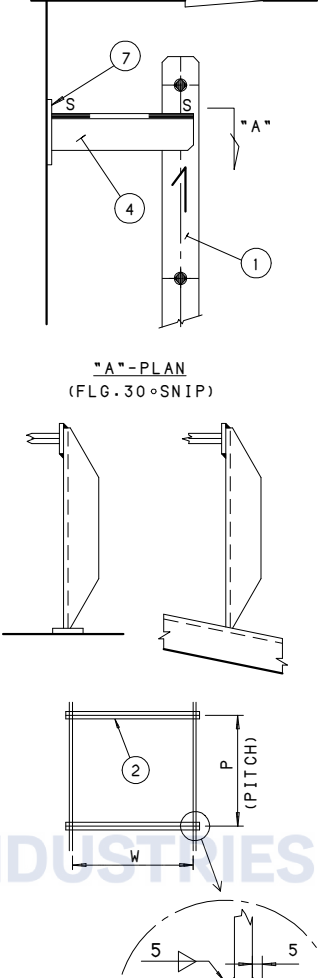
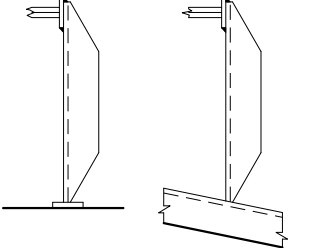
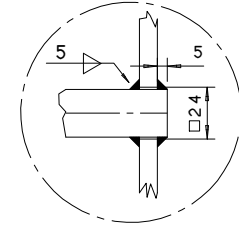
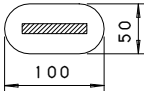
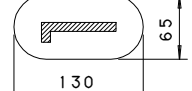
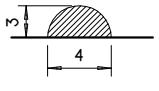
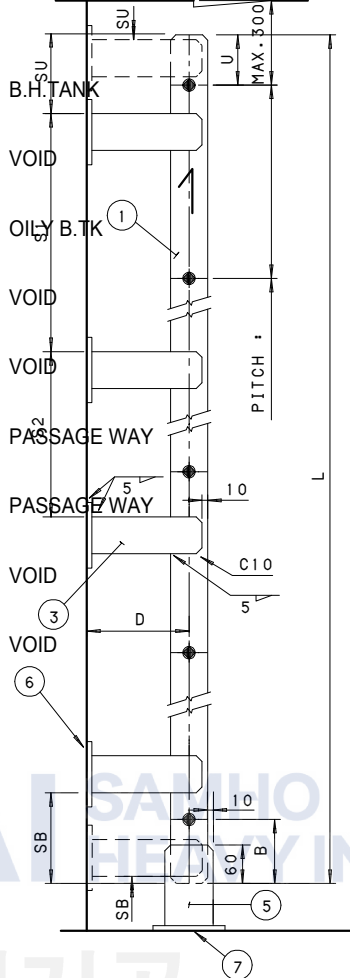
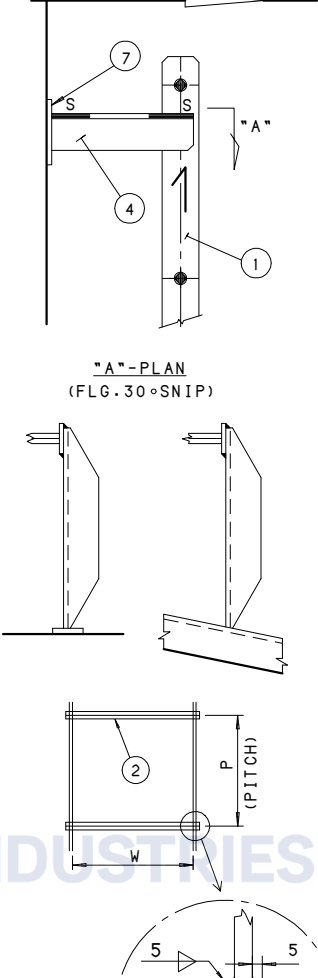
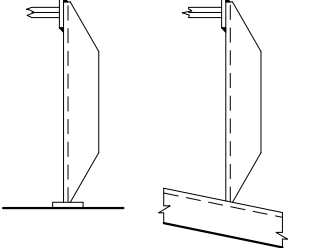
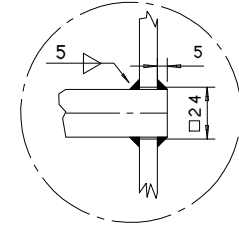
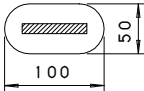
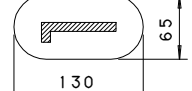
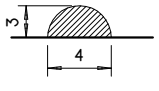
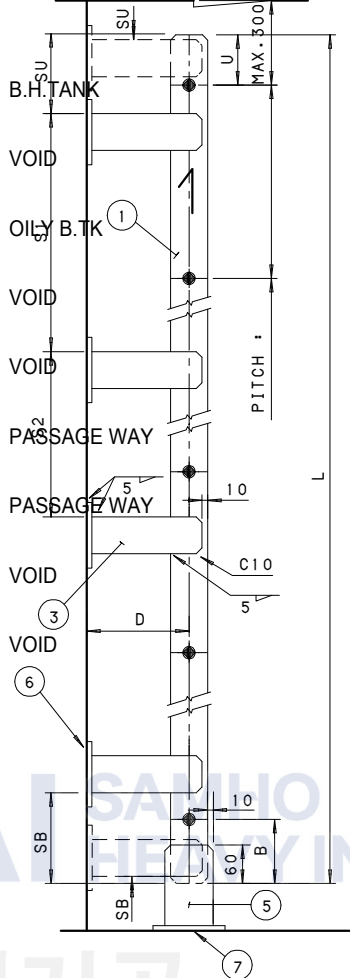
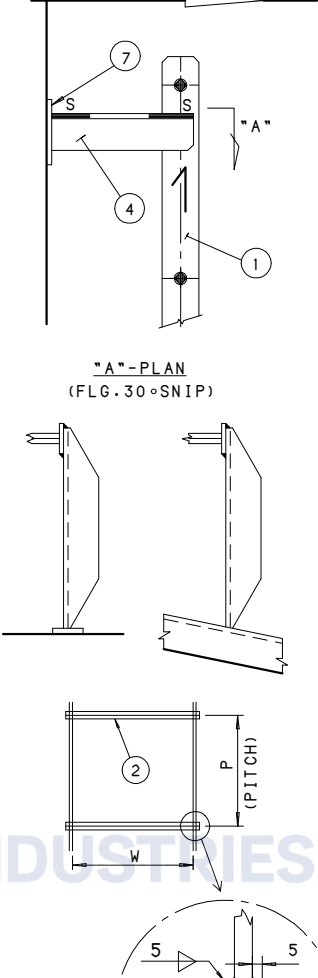
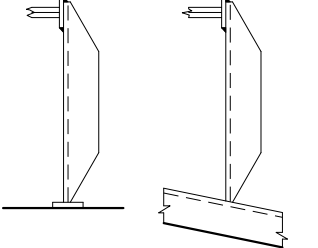
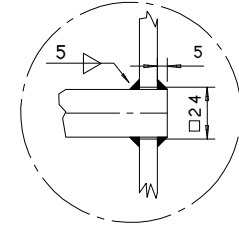
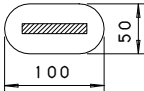
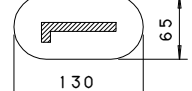
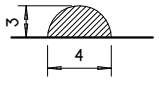
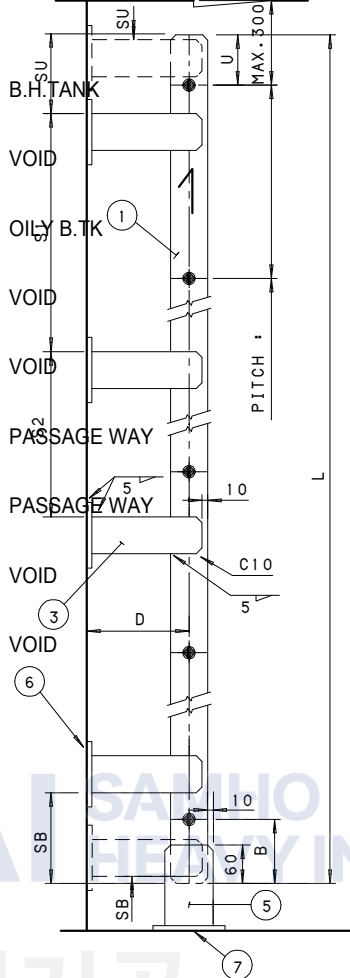
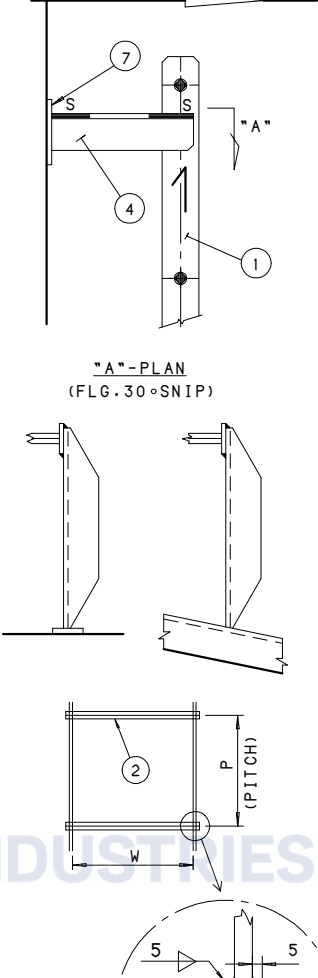
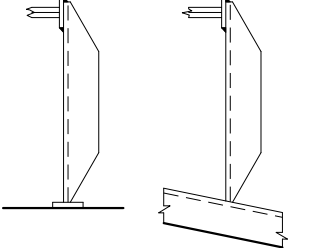
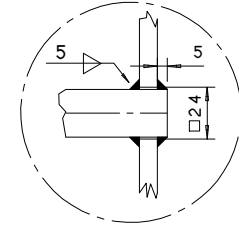
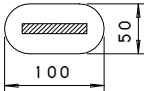
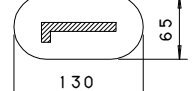
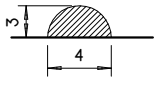
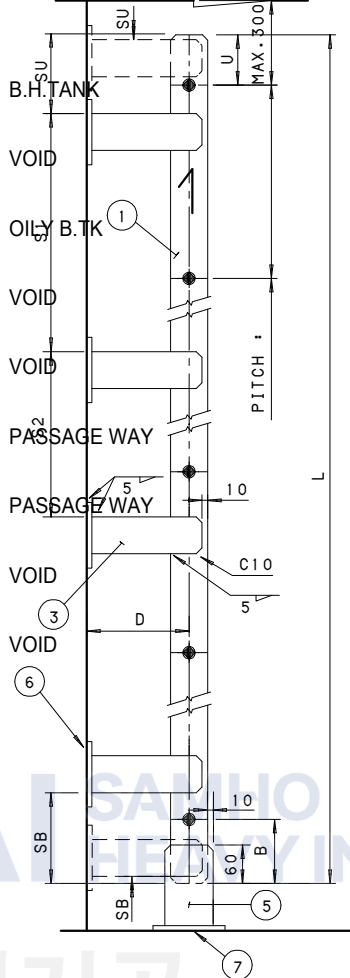
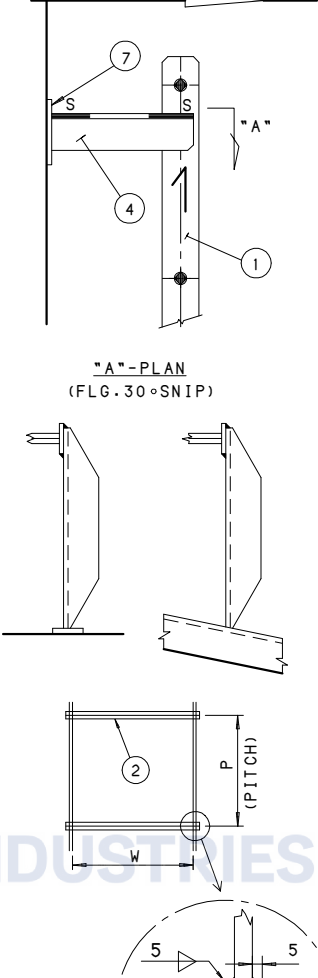
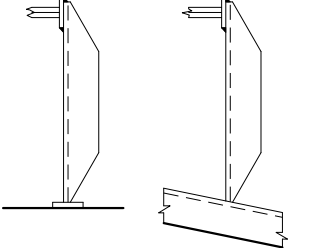
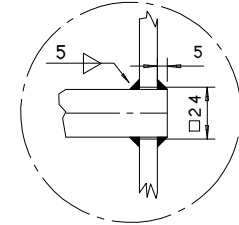
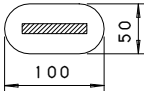
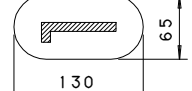
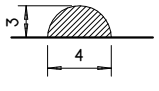
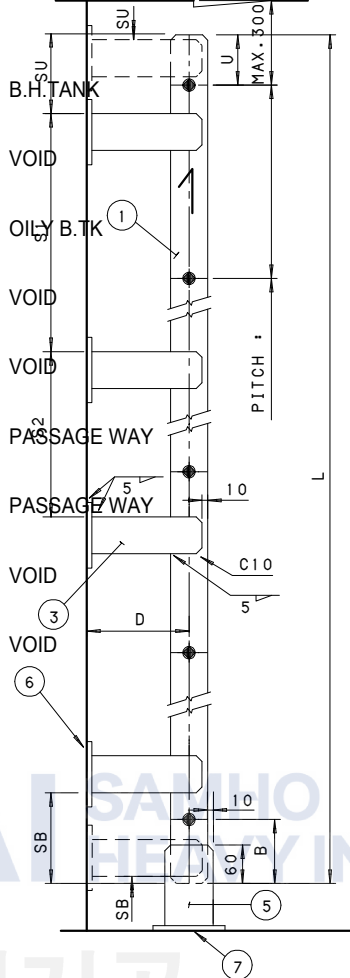
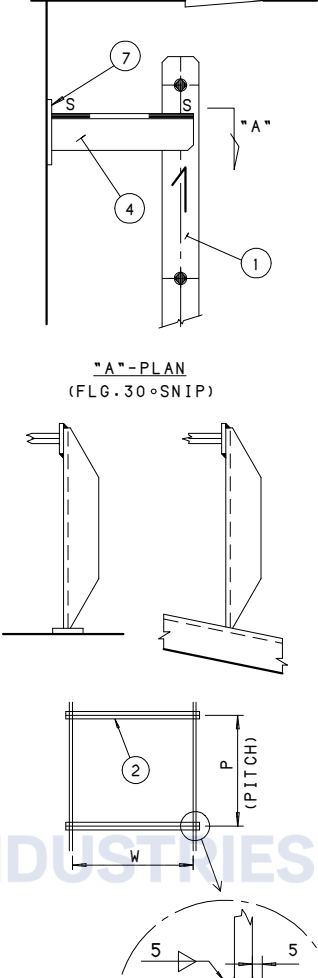
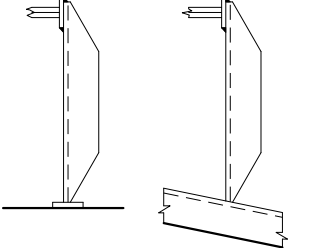
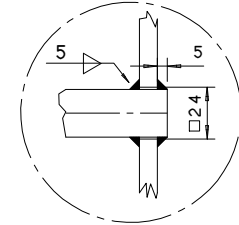
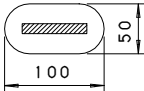
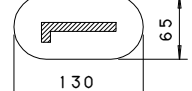
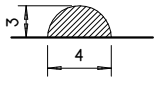
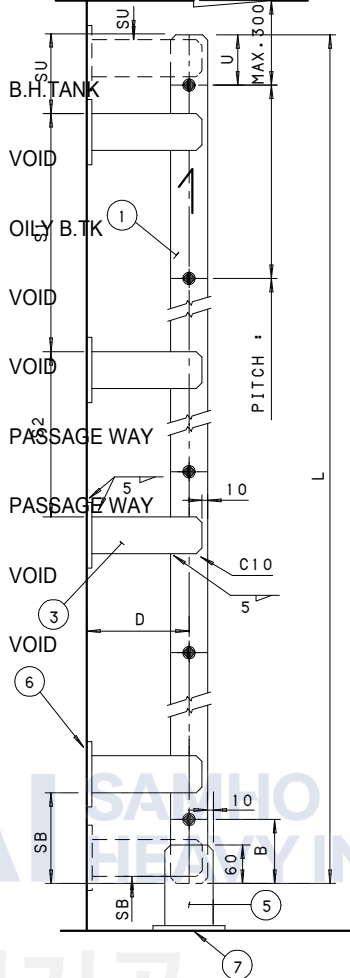
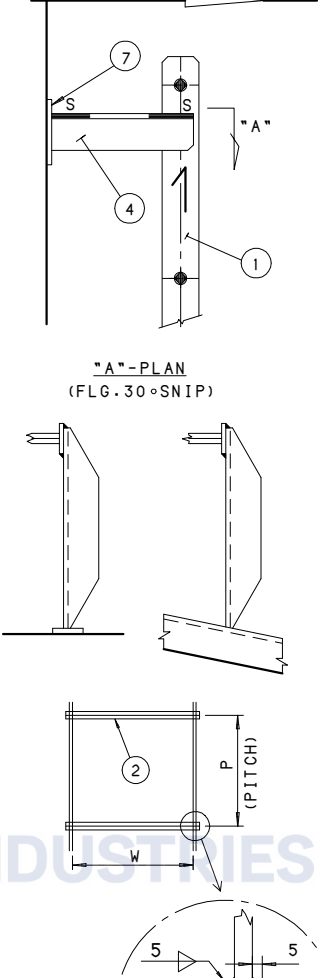
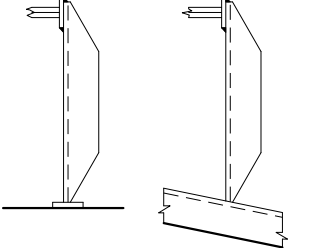
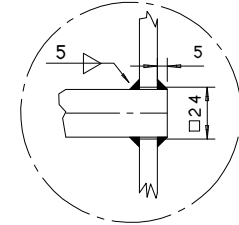
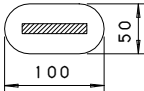
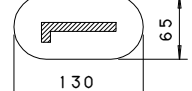
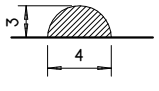
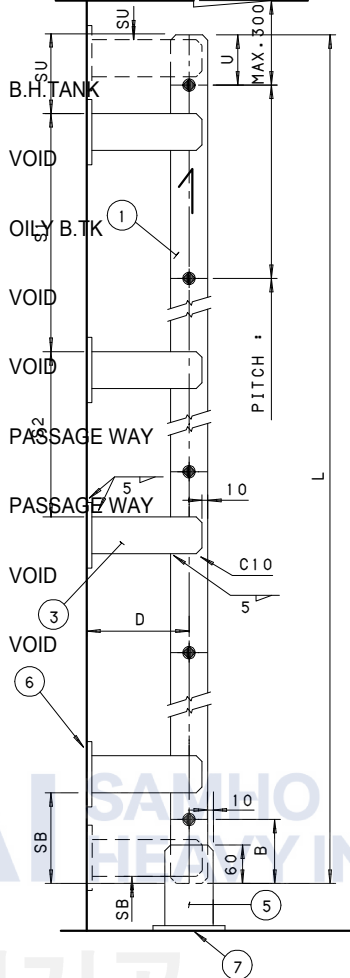
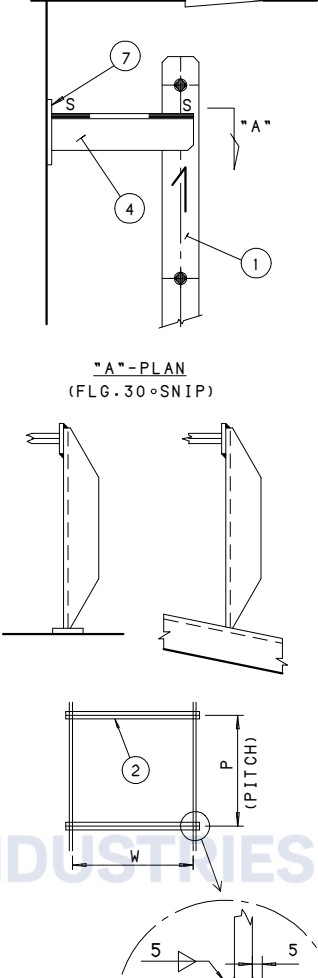
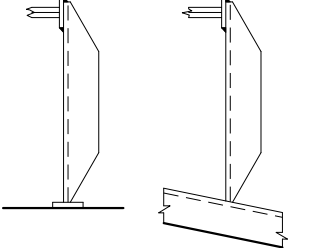
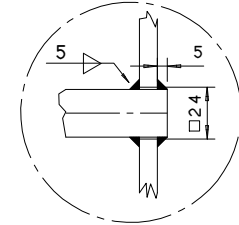
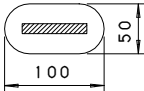
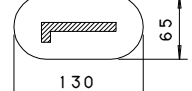
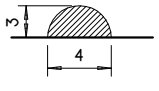
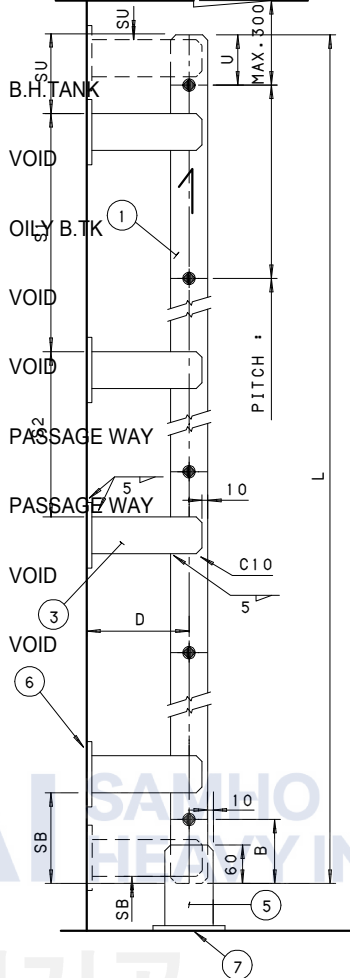
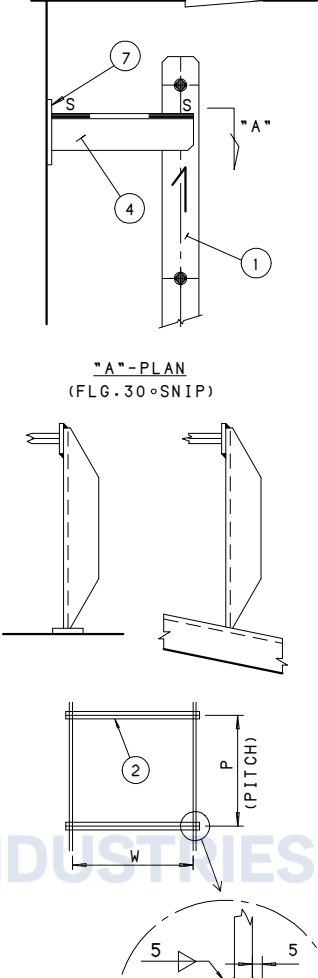
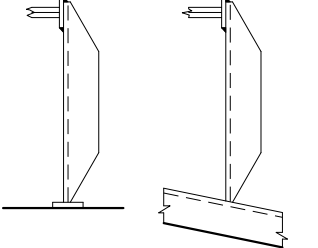
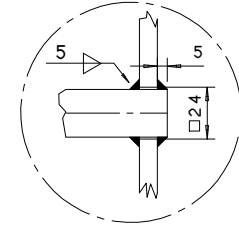
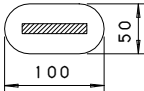
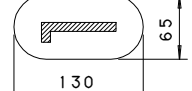
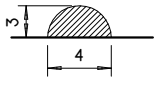
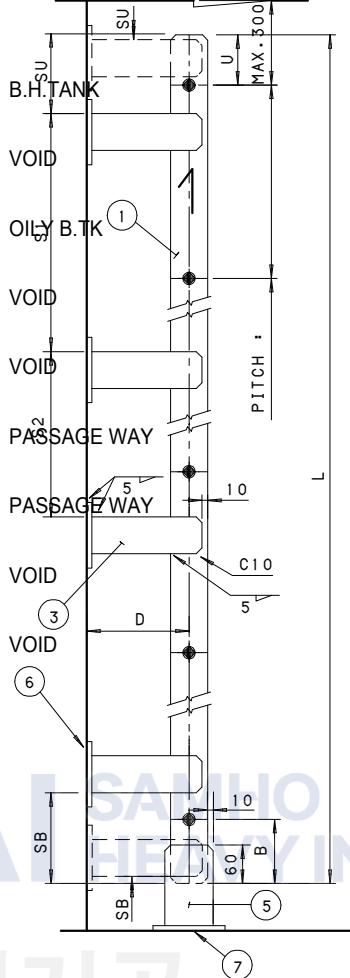
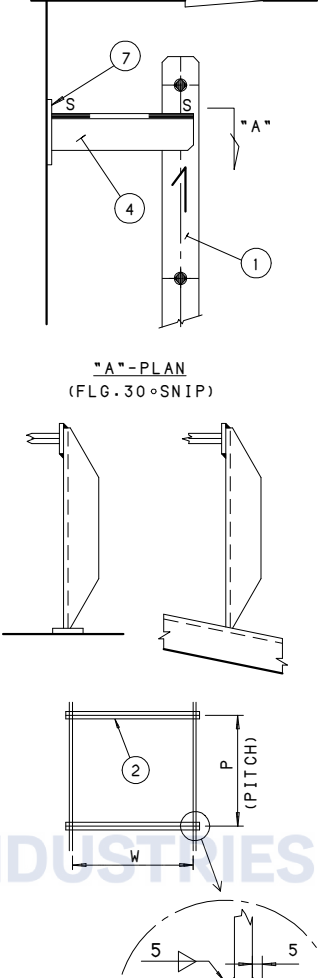
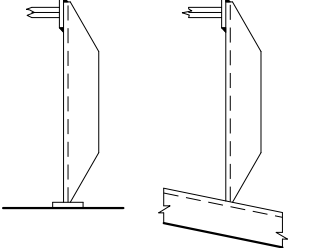
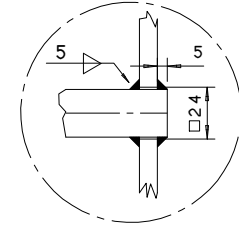
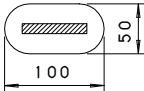
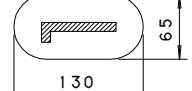
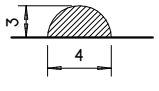
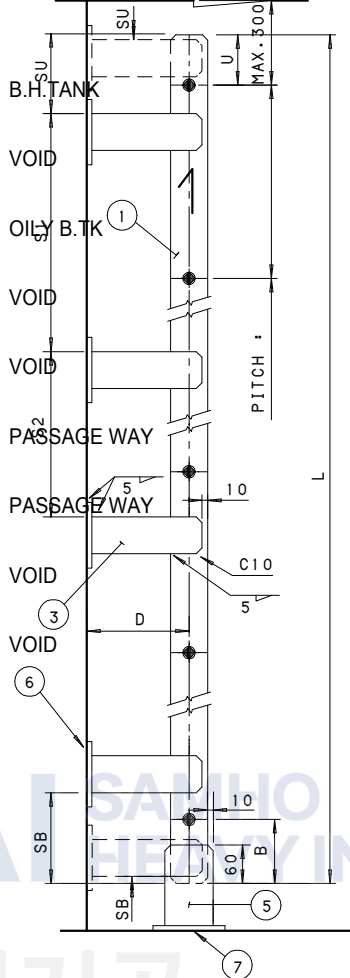
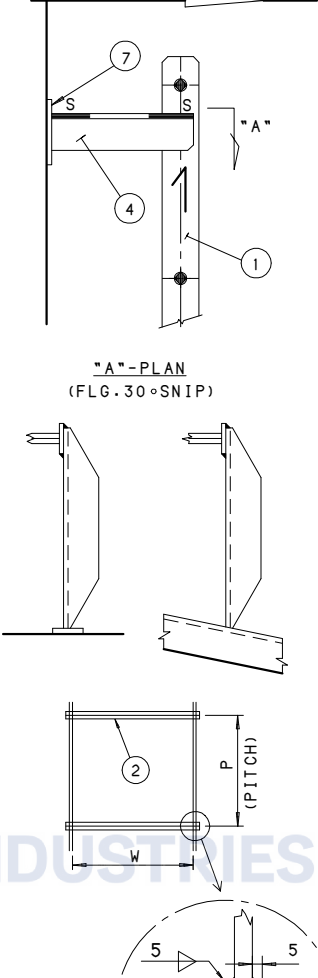
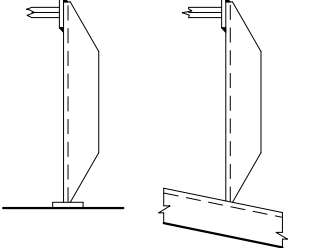
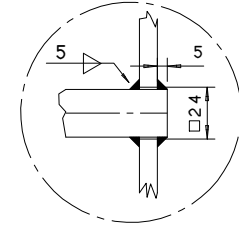
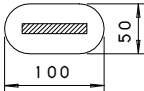
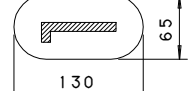
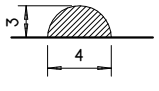
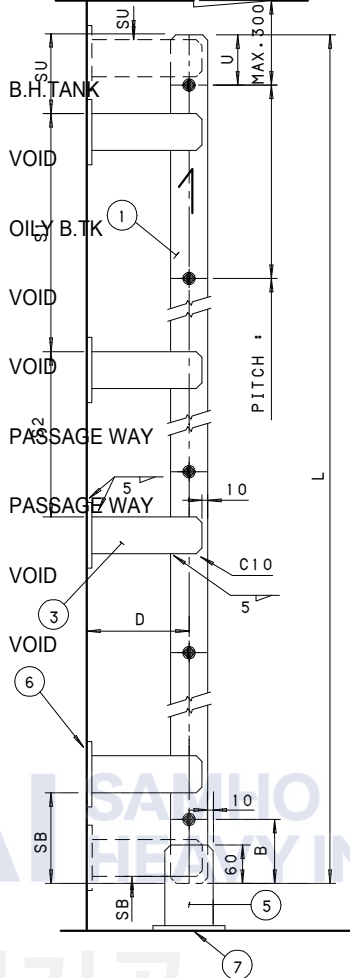
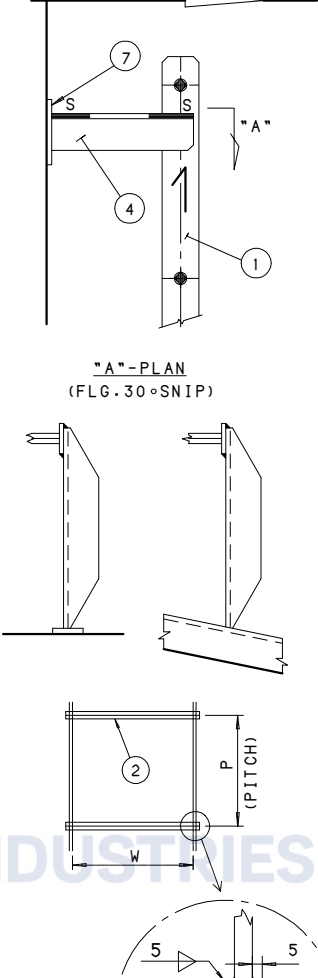
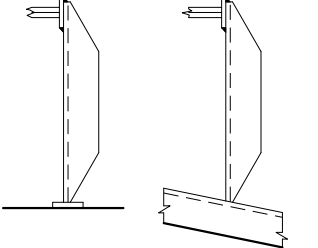
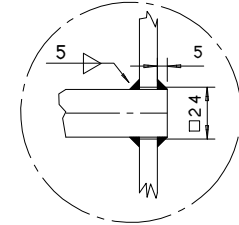
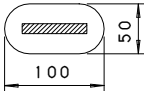
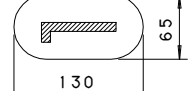
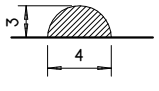
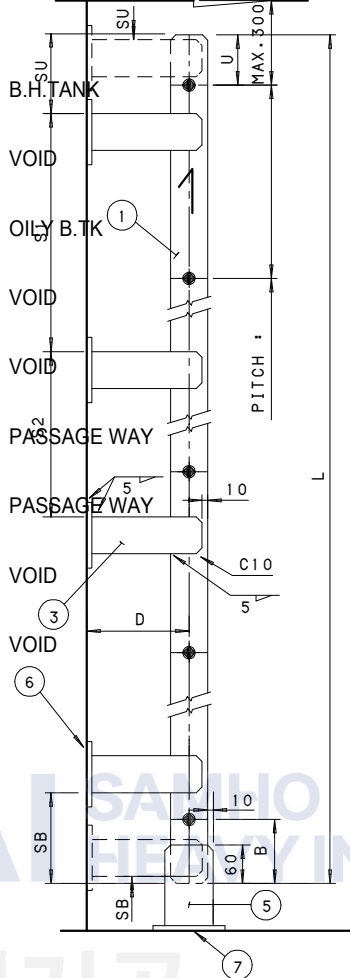
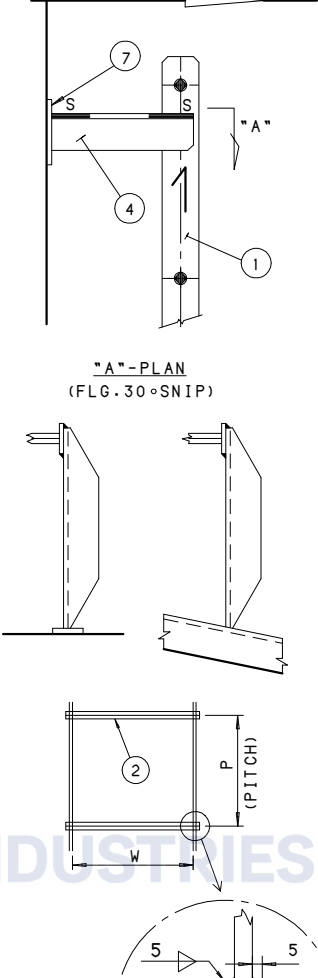
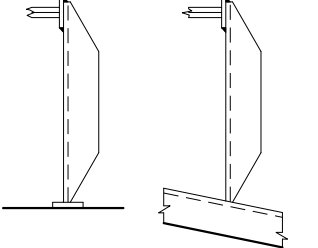
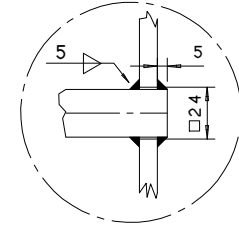
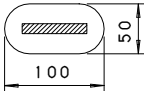
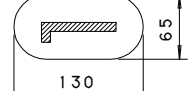
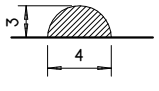
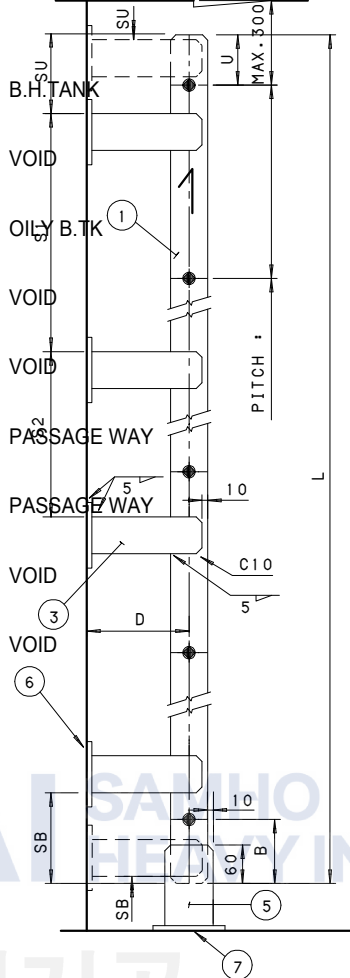
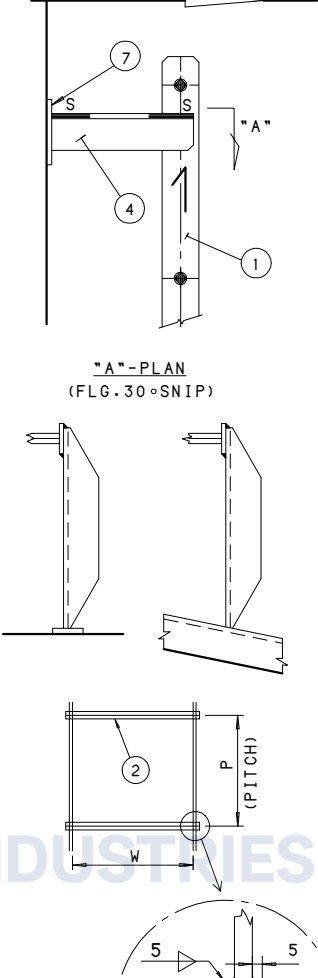
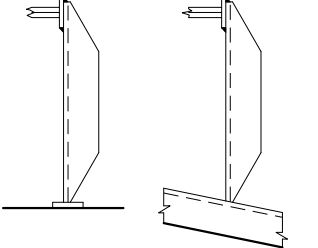
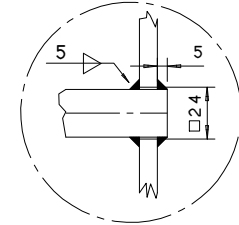
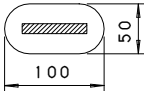
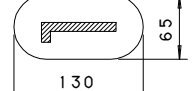
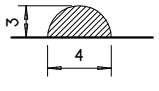
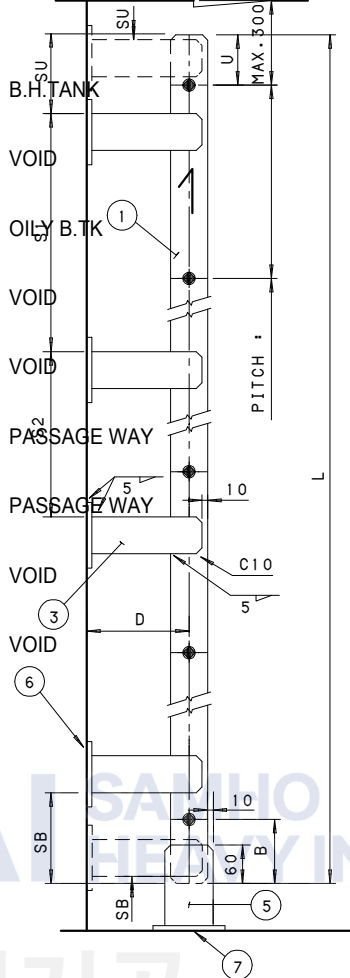
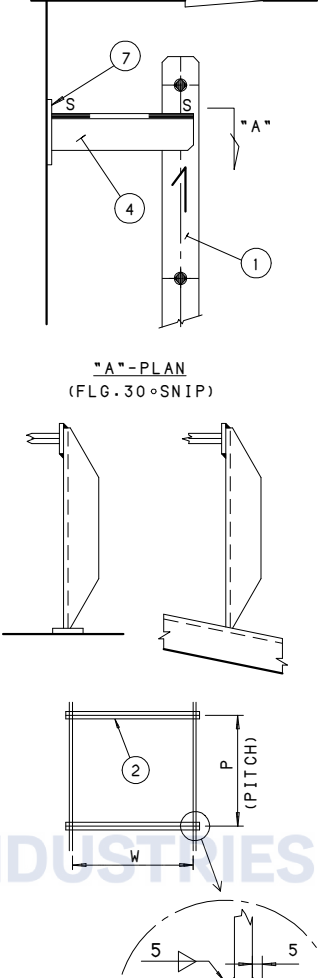
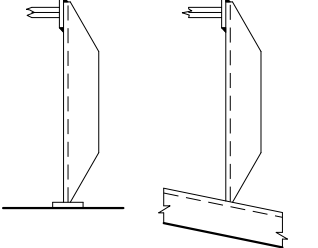
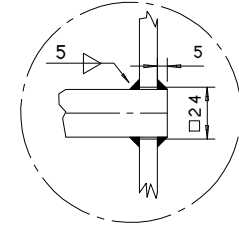
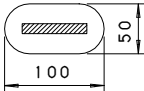
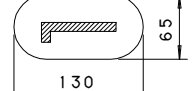
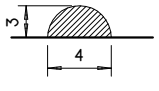
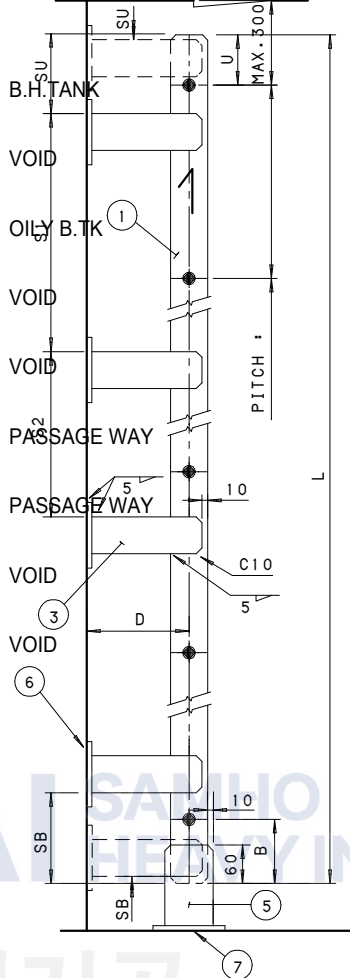
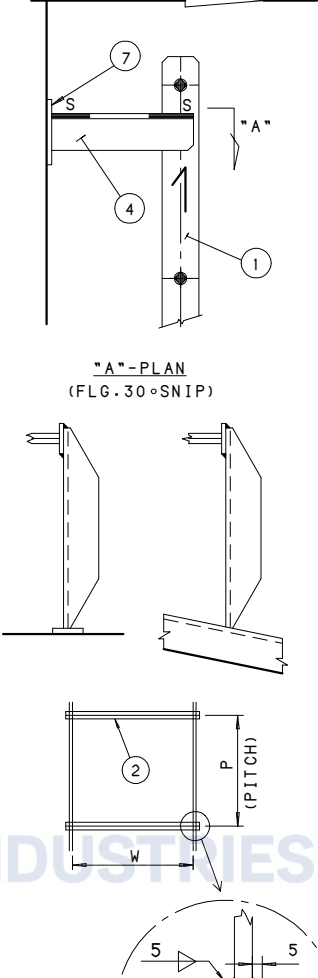
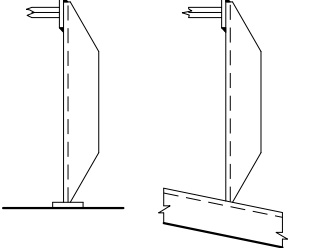
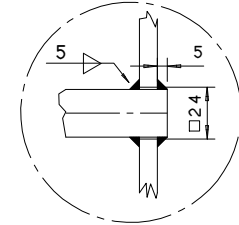
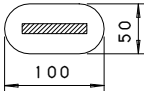
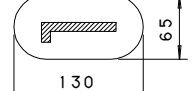
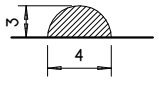
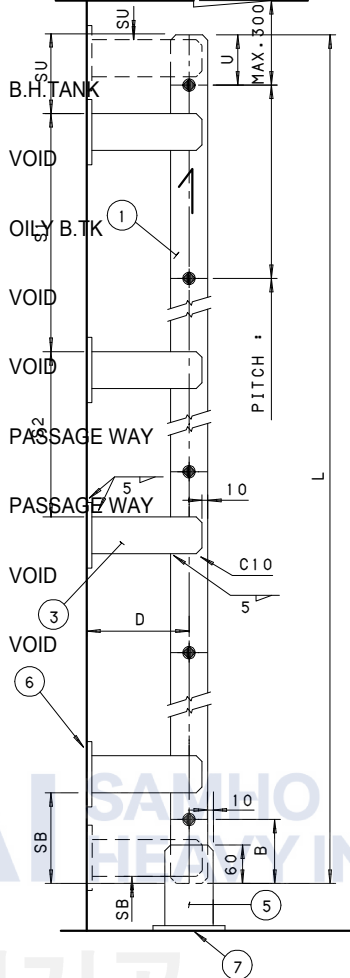
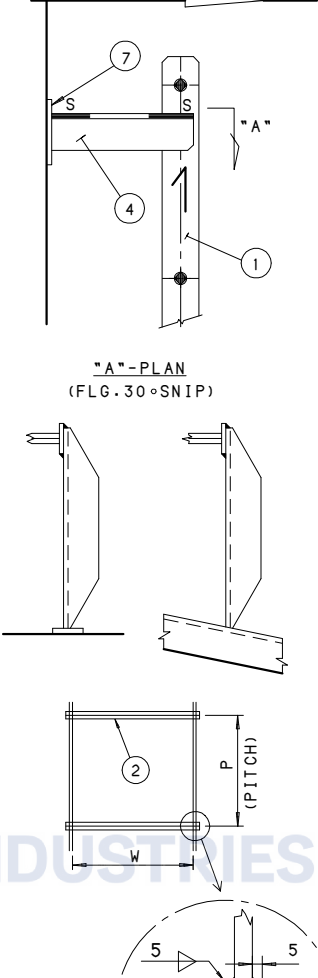
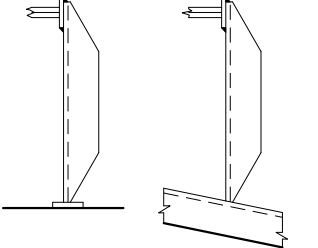
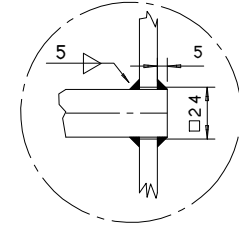
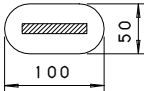
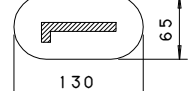
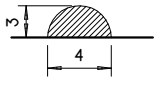
공 통 사 항	1. 본도는 좌현을 표기하며 특기 외에는 양현 대칭임.
	2. 모서리 부분은 Smooth Grinding 할 것. (RC)
	3. 도장 보류 및 Protection 사항 : 자재의 끝단(PAD 포함)에서 15mm 이내
	4. 자재의 상(↑) 표시는 필히 Welding Bead로 할 것.
	5. 자재 입고시 용접선 부근 50mm 이내에 Paint Marker로 Marking(Ship No, POR No, Block No, 및 Mark No.) 할 것.
	6. 납품 시 자재 인식표(TAG)는 부착하여 입고할 것. MARKING 방법 : SHIP NO., BLOCK NO., POR NO., SEQ. NO., MARK NO.
	7. 자재는 필히 LOT No. 단위로 묶음하여 입고할 것. → 녹발청, 도장오염 방지 위해 코팅 Wire 사용
	8. 특기외 SU=160(10)mm, U=110mm이며, SB=80(10)mm, B=30mm임.

특이 사항	
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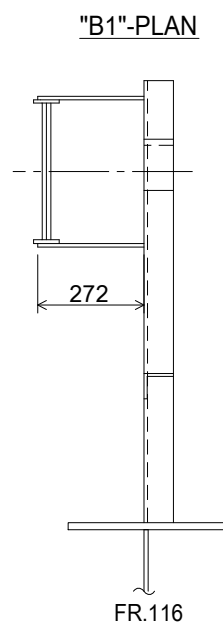
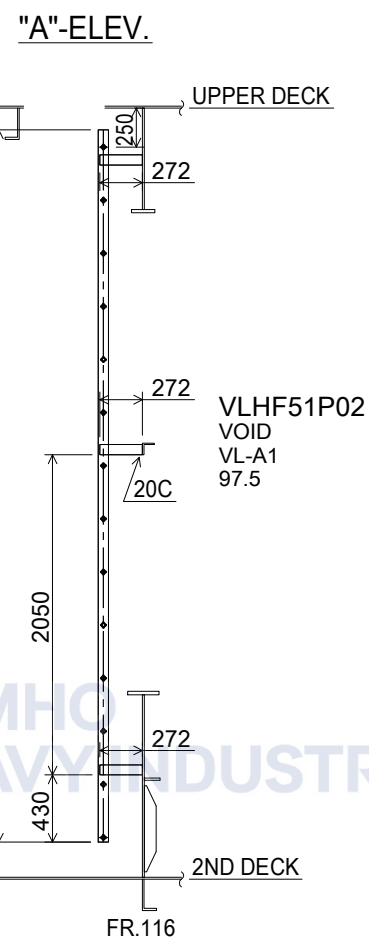
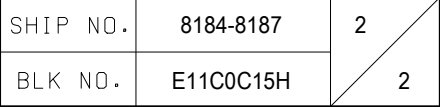
(주)현대중공업 PLAN HISTORY					
REV NO	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	23. 06. 05	Vertical Ladder 제작용으로 작성	김성경	이천하	결재完

(표지 포함 3 매)

DEP'T NO. B111000	SHIP NO. 8184-8187	SHIP TYPE 7,900 TEU CLASS CONTAINER CARRIER	
TEL. NO. 4787	부 서 명 선 체 설 계 부	도 면 명  Vertical Ladder 제작도	
승 인	책임 이 현		
검 도	책임 이 천 하		
작 성	대리 김 성 경		
 Hyundai Samho Heavy Industries Co., Ltd. Samho Shipyard, Korea		도 면 번 호 E11C0C15H	POR NO.
		DATE 2023. 06. 05	H17

<div></div>		VERTICAL LADDER MFG. LIST															예산대구분		PROJECT NO.		발행부서	작성자 사번		DATE	DWG. NO		PAGE																																																
																	6016	8184		B111000	W126191		20230605	E11C0C15H		1																																																	
																		8185-8187			선체설계부	김성경					T : 4787	2																																															
NO.	예산 중구분	자재번호 (MATERIAL)	Q'TY	TYPE	PAINT CODE (도장 횟수)			DIMENSION							SO. B Q'TY	LEG Q'TY				PAD Q'TY		WEIGHT (Kg / ST)	POR NO		BLK.	MARK NO.	<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>																																																
2	1	1	L	D	SU	U	SB	B	S1	S2	2	3	4	5	6	7	POR NO	SEQ.																																																									
01	042	416412100	1	A	O		2180	150	160	110	80	30			7	4						33.2	H17	01	E13C	VLHE13C01	<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>																																																
02	042	416412100	1	A		O	2180	180	160	110	80	30			7	4						33.8	H17	02	E12C	VLHE12C01							<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>																																										
03	042	416412100	1	A	O		1840	150	160	110	80	30			6	4						28.7	H17	03	E12C	VLHE12C02													<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>																																				
04	042	416412100	1	A		O	1160	150	160	110	80	30			4	4						19.6	H17	04	E12C	VLHE12C03																			<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>																														
05	042	416412100	1	A3		O	1790	150	160	110	80	30			6	4						28.2	H17	05	E12C	VLHE12C04																									<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>																								
06	042	416412100	1	A		O	2180	180	160	110	80	30			7	4						33.8	H17	06	F51P	VLHF51P01																															<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>																		
07	042	416412100	1	A		O	2180	180	160	110	80	30			7	4						33.8	H17	07	F51S	VLHF51S01																																					<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>												
08	042	416412100	1	A		O	제 작 도 면 참 조							14	6								97.5	H17	08	F51P																																											VLHF51P02	<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>					
09	042	416412100	1	A		O	4560	189	160	110	80	30	1850		14	6		6				69.5	H17	09	F51S	VLHF51S02																																											<div><div><div>( 150 ≤ D ≤ 350 )</div><div></div></div><div><div>( D &gt; 350 )</div><div></div></div><div><div>"A"-PLAN (FLG. 30° SNIP)</div><div></div></div><div><div>1 MARK DET. (상부표시)</div><div></div></div><div><div>6 DET.</div><div></div></div><div><div>7 DET.</div><div></div></div><div><div>BEAD DET.</div><div></div></div><div><div>※ MARK(No.4)</div><div>LEG : 350 &lt; D ≤ 1300 → 65*65*8 E.A</div><div>LEG : D &gt; 1300 → 75*75*9 E.A</div></div></div>						
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH					
1																																							
2	SEQ	자재번호	Qty	TYPE	PAINT SPEC.				DIMENSION								SQ.B	LEG Qty				PAD Qty				WGT	BLK.	MARKNO	Step Hole	RC	3P	도금	Side Frame에 Hand Rail 용접	Back Band Stanchion 용접	Hand Rail Bending	Anti-Vibration Support			
3									LEN	D	SU	U	SB	B	S1	S2	(2)	(3)	(4)	(5)	(6)	(7)	(8)									PT	KG		KG	PT	PT	EA	EA
4	01	416412100	1	A	O				2180	150	160	110	80	30			7	4							33.20	E13C	VLHE13C01	14	33.20										
5	02	416412100	1	A		O			2180	180	160	110	80	30			7	4							33.80	E12C	VLHE12C01	14	33.80										
6	03	416412100	1	A	O				1840	150	160	110	80	30			6	4							28.70	E12C	VLHE12C02	12	28.70										
7	04	416412100	1	A		O			1160	150	160	110	80	30			4	4							19.60	E12C	VLHE12C03	8	19.60										
8	05	416412100	1	A3		O			1790	150	160	110	80	30			6	4							28.20	E12C	VLHE12C04	12	28.20										
9	06	416412100	1	A			O		2180	180	160	110	80	30			7	4							33.80	F51P	VLHF51P01	14	33.80										
10	07	416412100	1	A			O		2180	180	160	110	80	30			7	4							33.80	F51S	VLHF51S01	14	33.80										
11	08	416412100	1	A			O	작 도 면 참 조									14	6							97.50	F51P	VLHF51P02	28	97.50										
12	09	416412100	1	A			O		4560	189	160	110	80	30	1850		14	6				6			69.50	F51S	VLHF51S02	28	69.50										



HYUNDAI SAMHO  
HEAVY INDUSTRIES

(주)한진기공