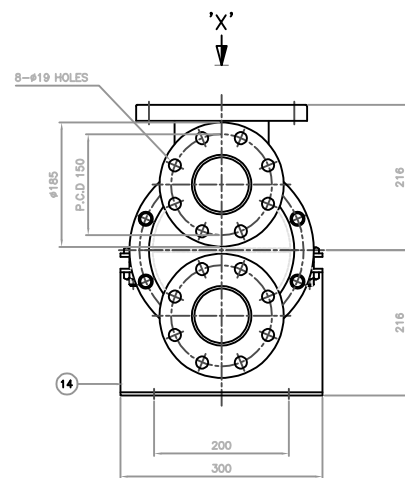
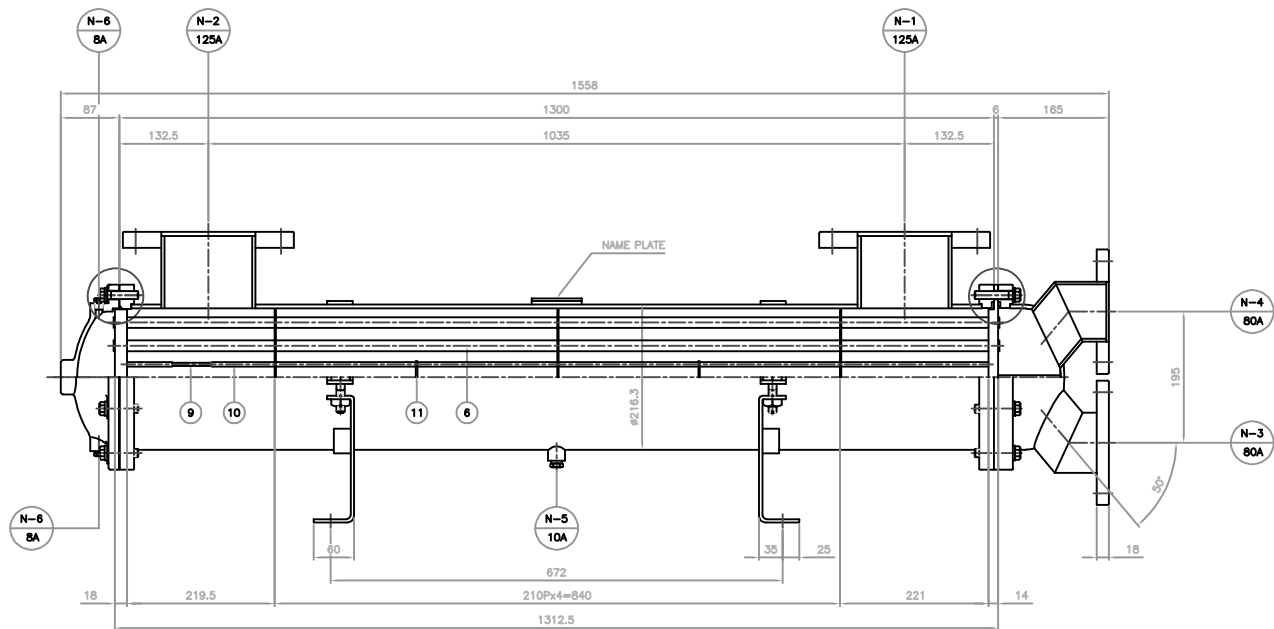
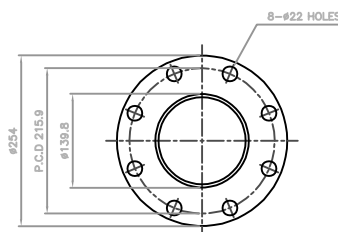
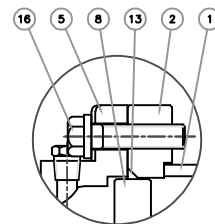


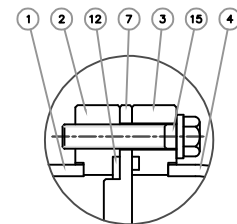
DETAIL "NAME PLATE"



VIEW 'X'



DETAIL "B"



DETAIL "A"

NOTE

1. FIXED METHOD OF TUBE & TUBESHEET IS EXPANDING.
2. 설계량기 제막, 검사기준 적용 (KS B 6230)
3. 본 도면은 조립, 설치용 위한 도면이므로 용기 외 치수 및 제법 등은 사양에 맞게 제작하고 POSCO 검사 기준에 따른다.

16	(HEX.)BOLT	SCM440	M12x50L	8	WITH S.W
15	(HEX.)BOLT	SCM440	M12x60L	8	WITH S.W
14	LEG	SS275	5t	2	
13	O-RING	EPDM	#5	1	
12	O-RING	EPDM	#5	2	
11	BAFFLE PLATE	C2680P	2t	5	
10	SPACER	C1220T	#6.35	1set	
9	TIE ROD	SS275	#5	4	
8	REAR TUBESHEET	C2680P	#200x18t	1	
7	FRONT TUBESHEET	C2680P	#275x14t	1	
6	TUBE	C1220T	#15.88x1.24t	72	
5	COVER(REAR)	GC250	200A	1	
4	CAP	SPP	#216.3x5.85t	1	
3	COVER FLANGE	SS275	#275x22t	1	
2	SHELL FLANGE	SS275	#275x22t	2	
1	SHELL	SPP	#216.3x5.85t	1	

No.	Description	Material	Size	Q'ty	Remarks
Project					
Title					
OIL COOLER ITEM NO. : GENERAL ASSEMBLY					
Customer					
Manufacturer					
DAEHEUNG COOLER CO., LTD. OIL COOLER & HEAT EXCHANGER					
Scale	-	Unit	mm	Ref. No.	-
W/O No.				Serial No.	2506-4315-01
DWG. No.				DHO-154315	

SPECIFICATION	
EXCHANGED AREA	4.71 m ²
HEAT EXCHANGED	15490 kcal/hr
FLUID FLOW	28 l/min
OIL (SHELL SIDE)	
INLET TEMP.	80 °C
OUTLET TEMP.	55 °C
WATER (TUBE SIDE)	
FLUID FLOW	250 l/min
INLET TEMP.	30 °C
DESIGN TEMP.	100 °C
SHELL SIDE	50 °C
OPER. PRESS.	6 kg/cm ²
TUBE SIDE	5 kg/cm ²
DESIGN PRESS.	7 kg/cm ²
SHELL SIDE	7 kg/cm ²
TUBE SIDE	10 kg/cm ²
TEST PRESS.	10 kg/cm ²
SHELL SIDE	10 kg/cm ²
TUBE SIDE	10 kg/cm ²

NOZZLE LIST						
NO.	SIZE & RATING	MATERIAL	PIPE SCH.	Q'TY	TYPE	PART NAME
N-1	ANSI CL.150 5" FLANGE #139.8x4.85t PIPE	SA105	SPP	-	1	SO.FF OIL INLET
N-2	ANSI CL.150 5" FLANGE #139.8x4.85t PIPE	SA105	SPP	-	1	SO.FF OIL OUTLET
N-3	KS 10K 80A FLANGE #89.1x4.05t PIPE	SS275	SPP	-	1	SO.FF WATER INLET
N-4	KS 10K 80A FLANGE #89.1x4.05t PIPE	SS275	SPP	-	1	SO.FF WATER OUTLET
N-5	PT 10A SOCKET	SS275&C2680	-	1	-	DRAIN
N-6	PT 8A SOCKET	C2680	-	2	-	VENT & DRAIN