

DESIGN CODE-DATA

WIND	WZ1 - 22.5 m/sec
SNOW	Zone1 - 0.65 kN/m2
FLARE STACK (OPERATING MAX. PRESSURE/TEMPERATURE)	0.3 BARG / -178/+35 °C
FLARE STACK (DESIGN PRESSURE/TEMPERATURE)	0.49 BARG / -196/+200 °C
CORROSION ALLOWANCE (ONLY FOR C.S.)	N.A.
RULES/CODE	EUROCODE

MATERIAL LIST

POS.	DESCRIPTION	MATERIAL	NOTES
1	BASE PLATE RING	ASTM A240 TP304	
2	SKIRT	ASTM A312 TP304	
3	STACK	ASTM A312 TP304	
4	VENT TIP	ASTM A240 TP304	
5	VENT TIP-FLARE STACK CONNECTION	ASTM A182 F304L	
6	VENT GAS INLET	ASTM A182 F304L	
7	GASKETS - SPIRAL WOUND	GRAPHITE LAMINATED GASKET INNER/OUTER RING IN S.S. 304L	
8	STUD BOLTS FOR VENT TIP-FLARE FLANGES	ASTM A 193 GR. 8B (BOLTS) ASTM A 194 GR. 8 (NUTS)	
9	DERRICK	S275 J2 G.C.S.	EN1090 EXC2 CLASS
10			
11			
12			

GENERAL NOTES

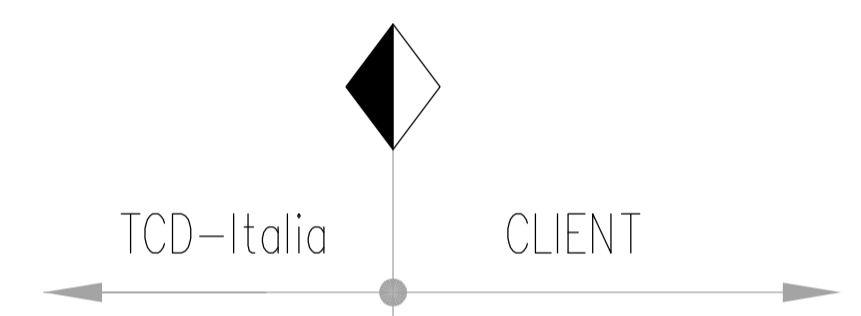
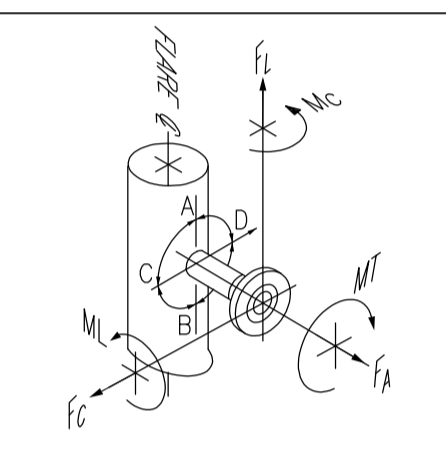
- 1) ALL DIMENSIONS SHOWN ON THE DRAWING ARE IN MILLIMETERS (UNLESS OTHERWISE NOTED)
- 2) ALL FLANGE BOLT HOLES OFF CENTERS EQUALLY SPACED ABOUT MAIN CENTER LINE
- 3) ELEVATION 0.00 CORRESPONDS TO EL. +345.322
- 4) GASKETS SEATING FACE FINISH SHALL BE ACC. TO EN1514-2 - 125-250 AARH

EXTERNAL SURFACES TREATMENT

VENT TIP: PICKLING & PASSIVATION
 FLARE STACK: PICKLING & PASSIVATION
 DERRICK: HOT DIP GALVANIZED

ALLOWABLE NOZZLE LOADS

ITEM	DIAM.	Forces (N)			Moments (N-m)		
		F _A	F _C	F _L	M _T	M _L	M _C
A	6"	±1112	±2224	±2224	±990	±746	±746
B	4"	±890	±1779	±1779	±813	±610	±610

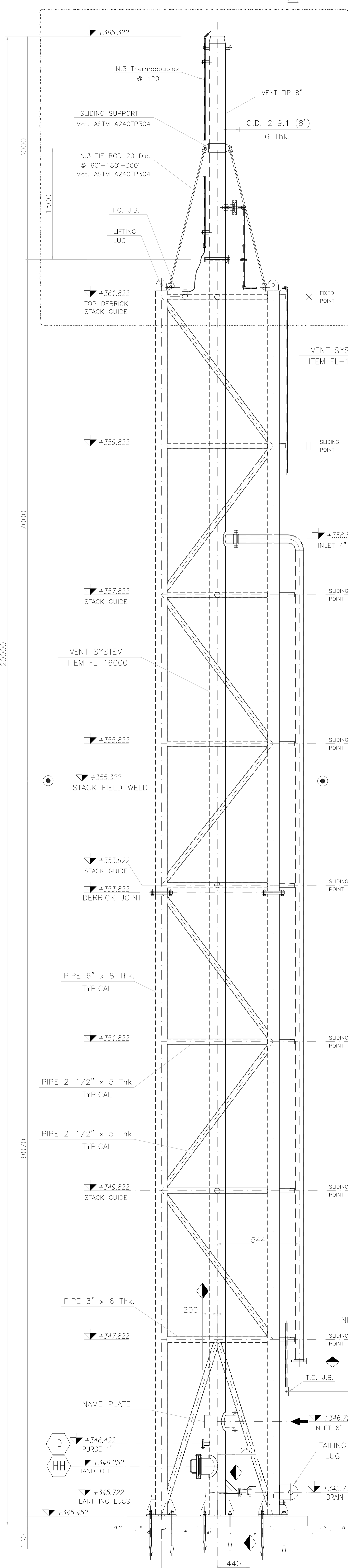
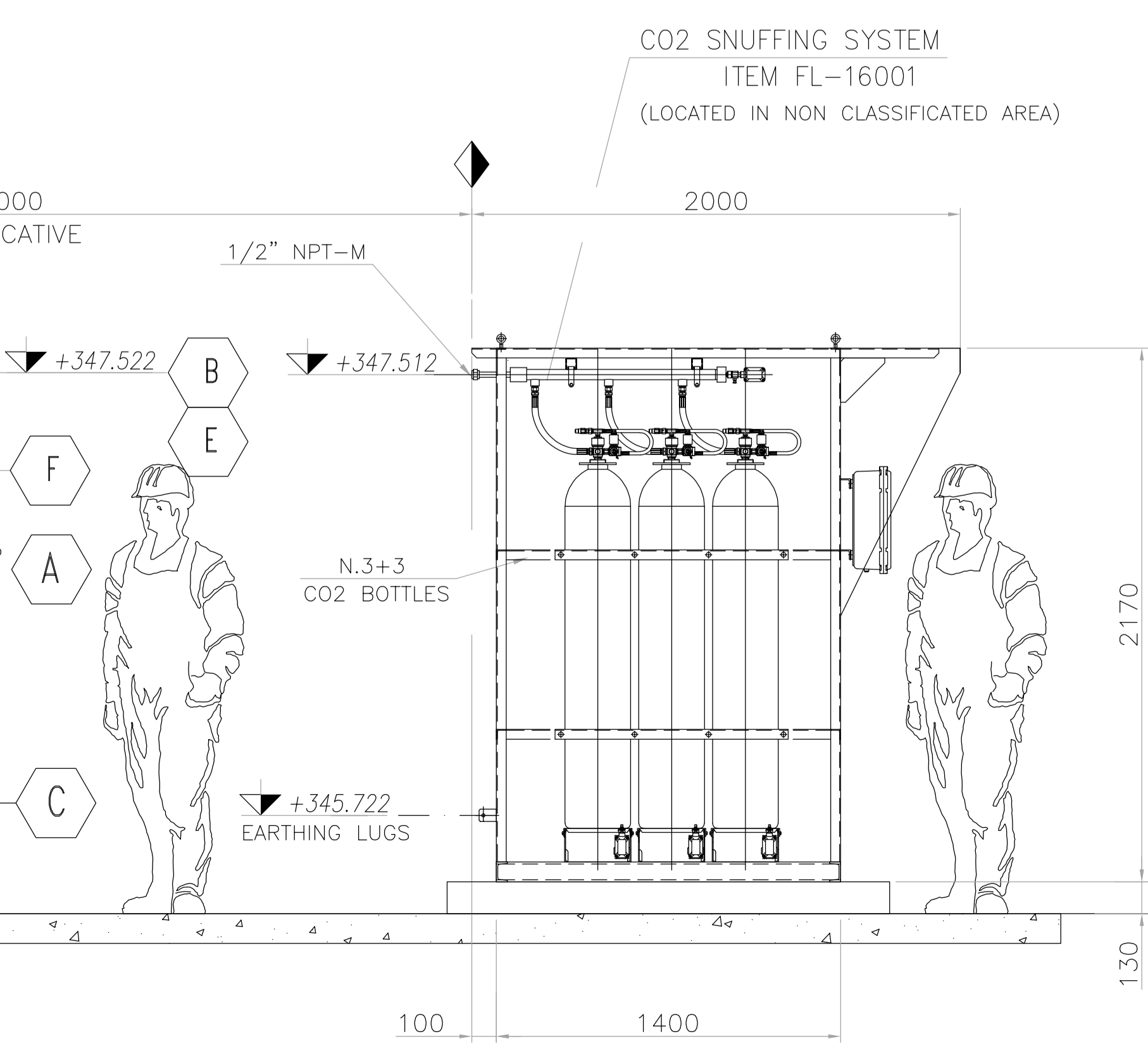
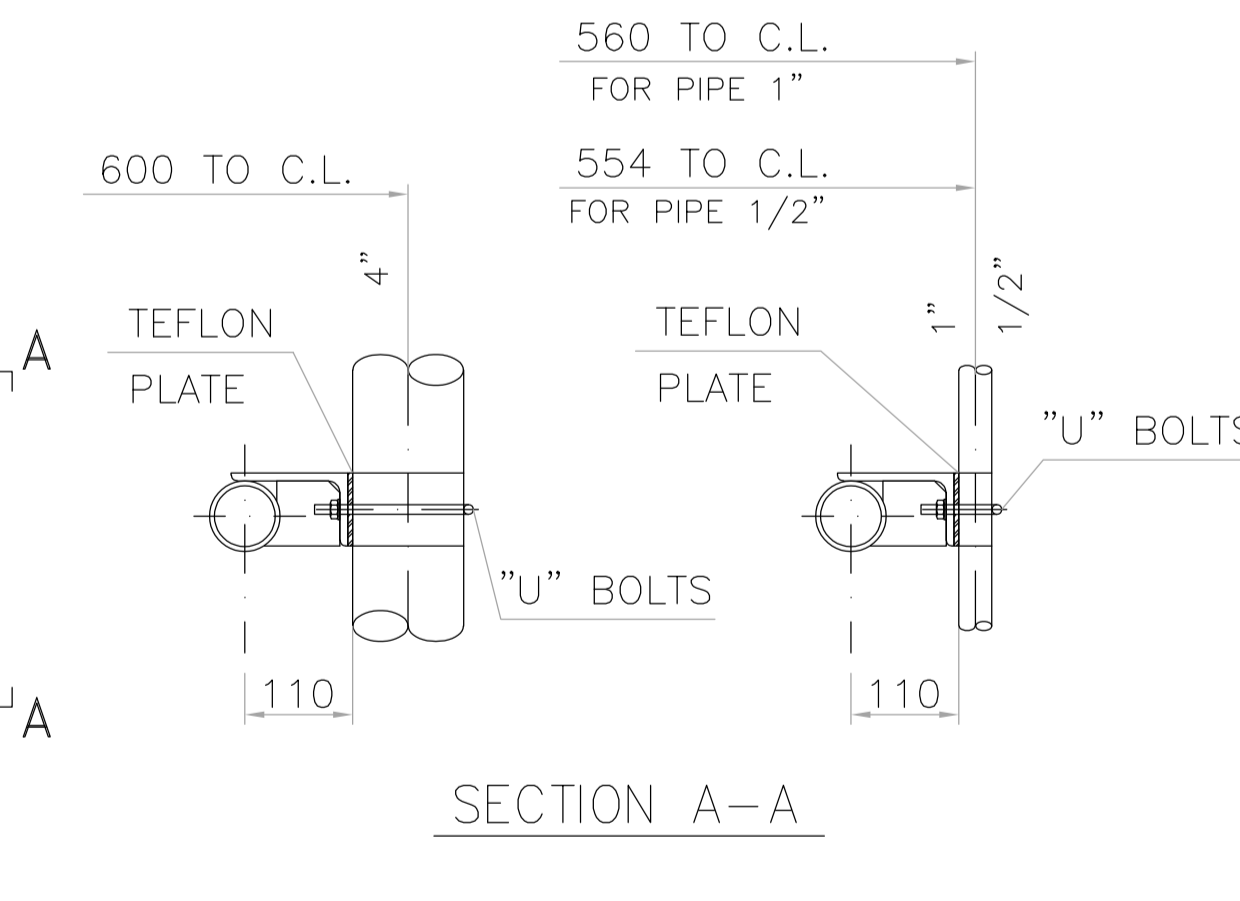
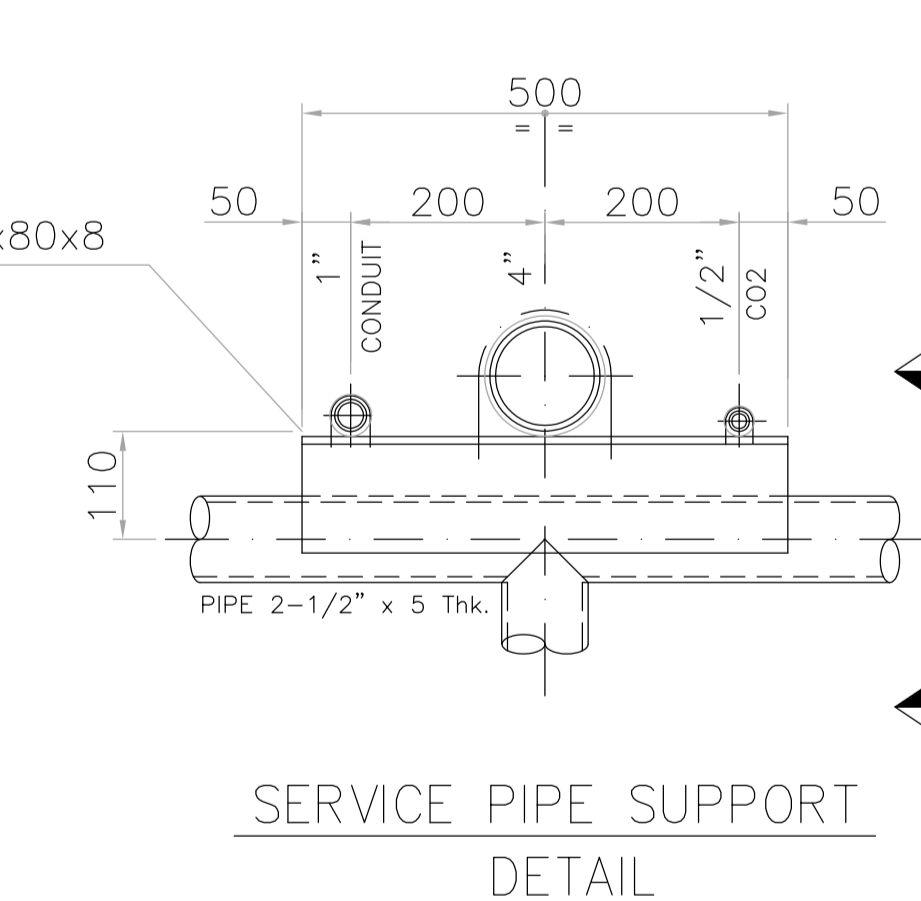
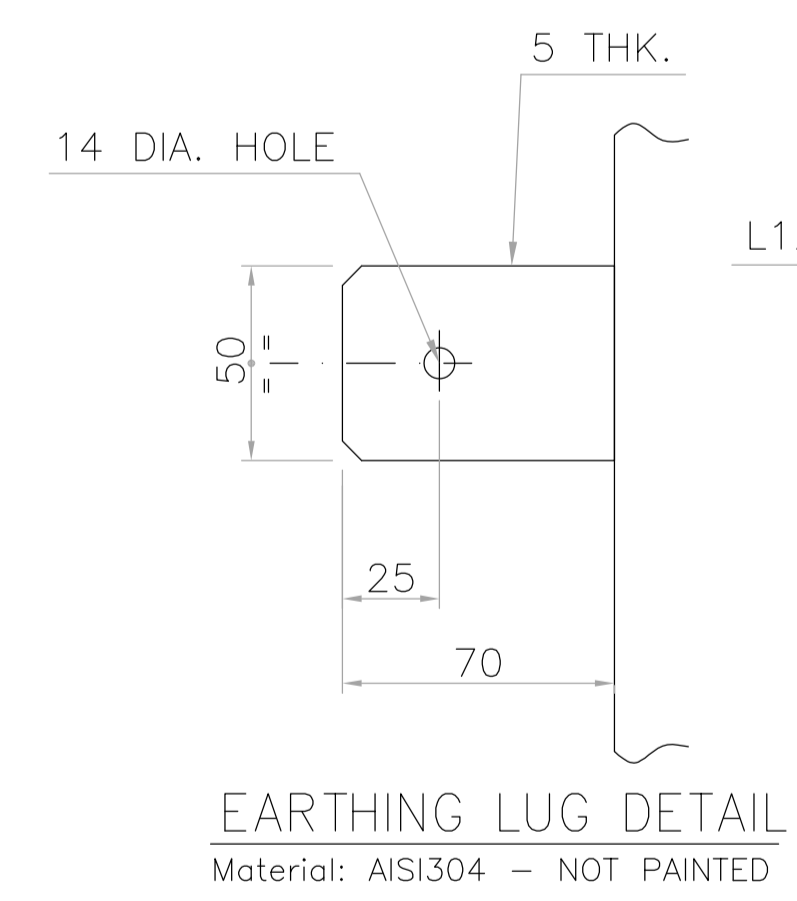
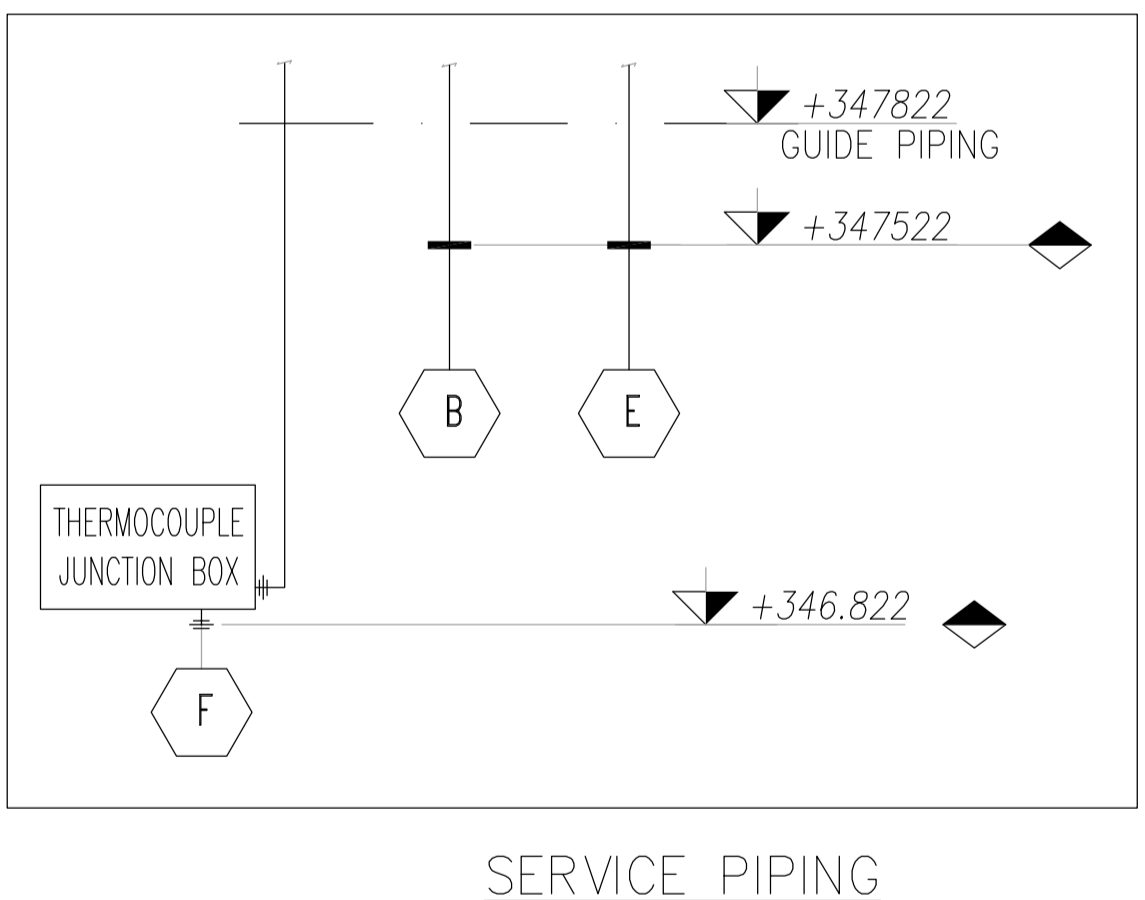
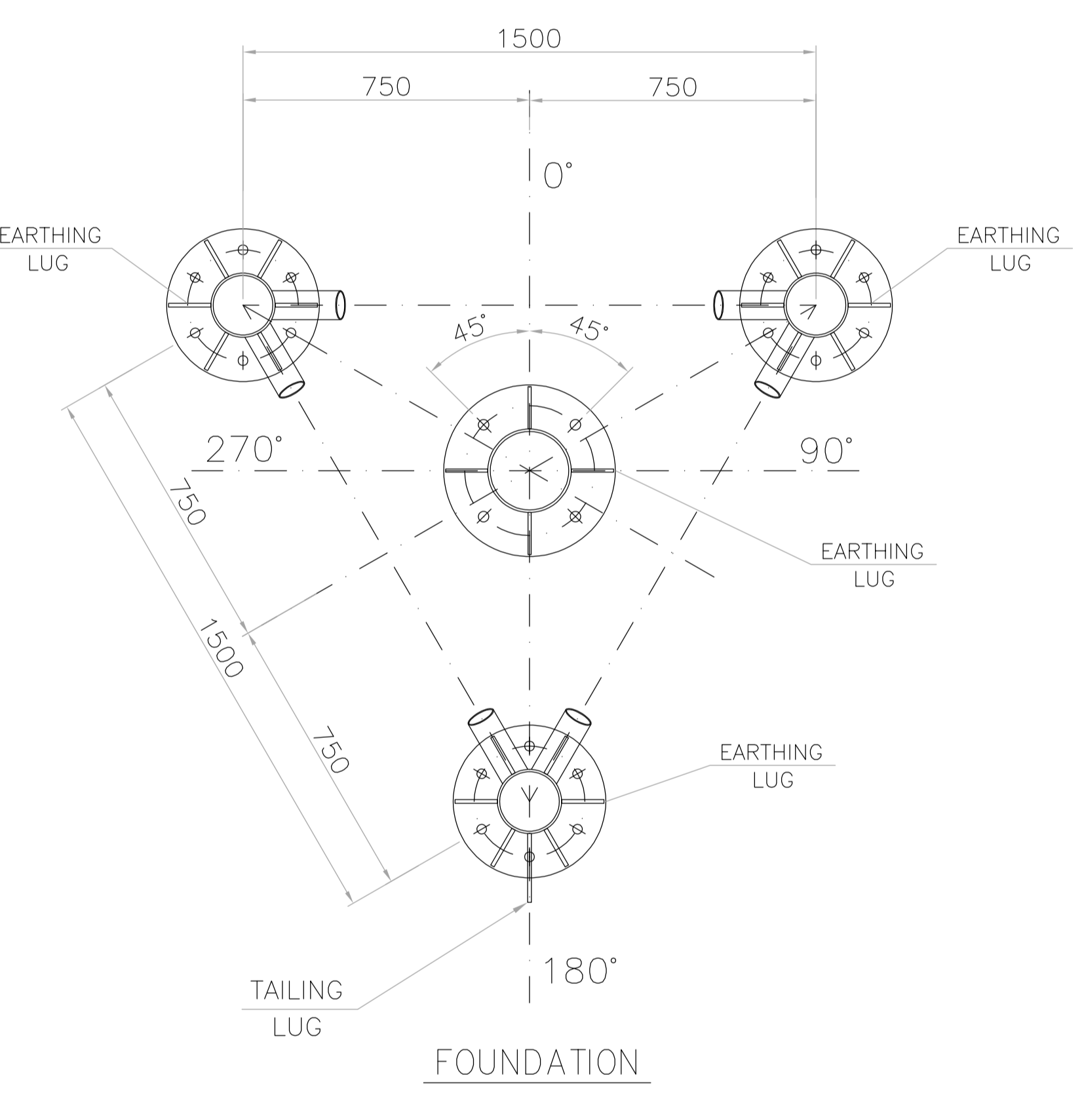
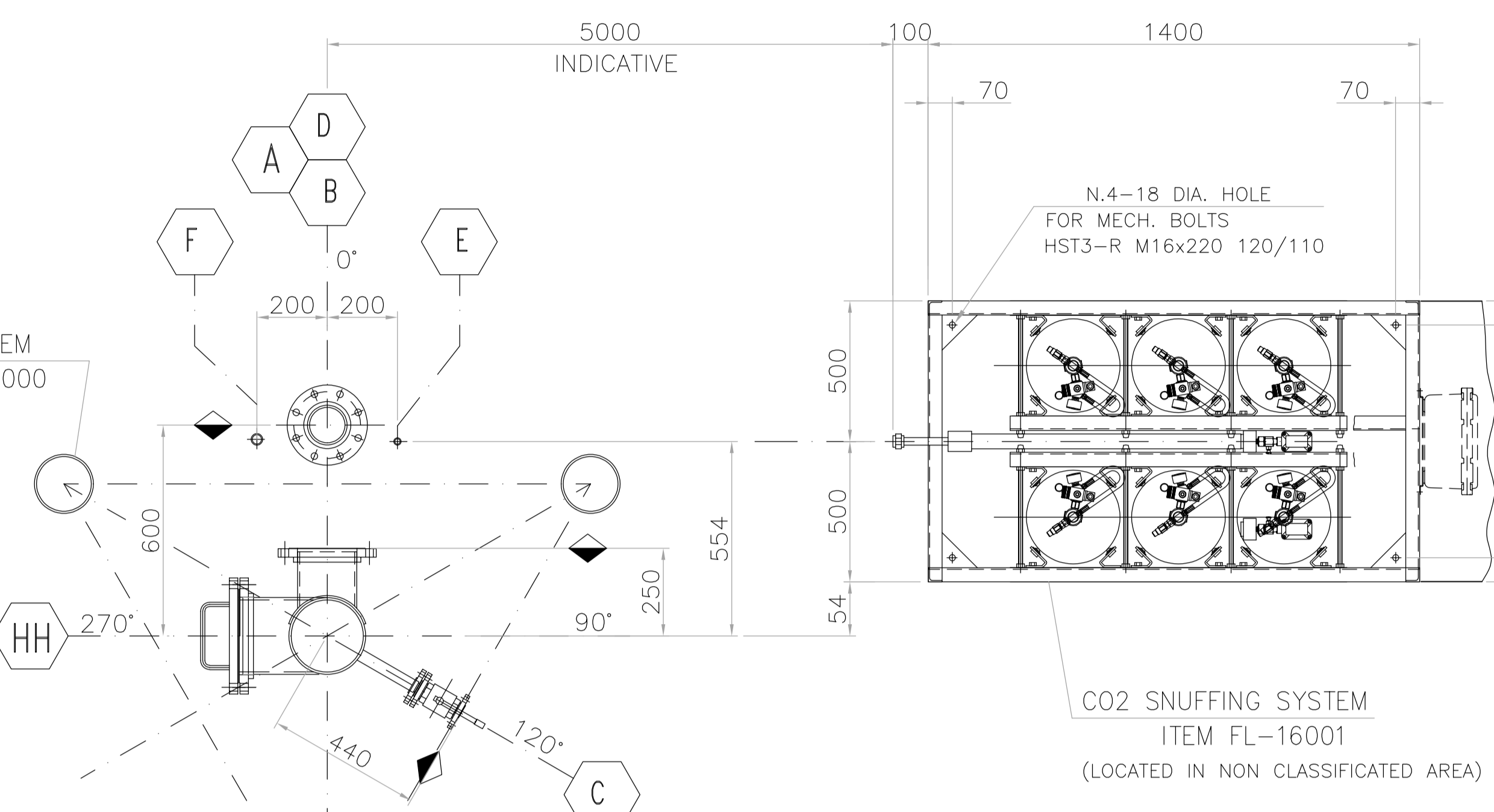
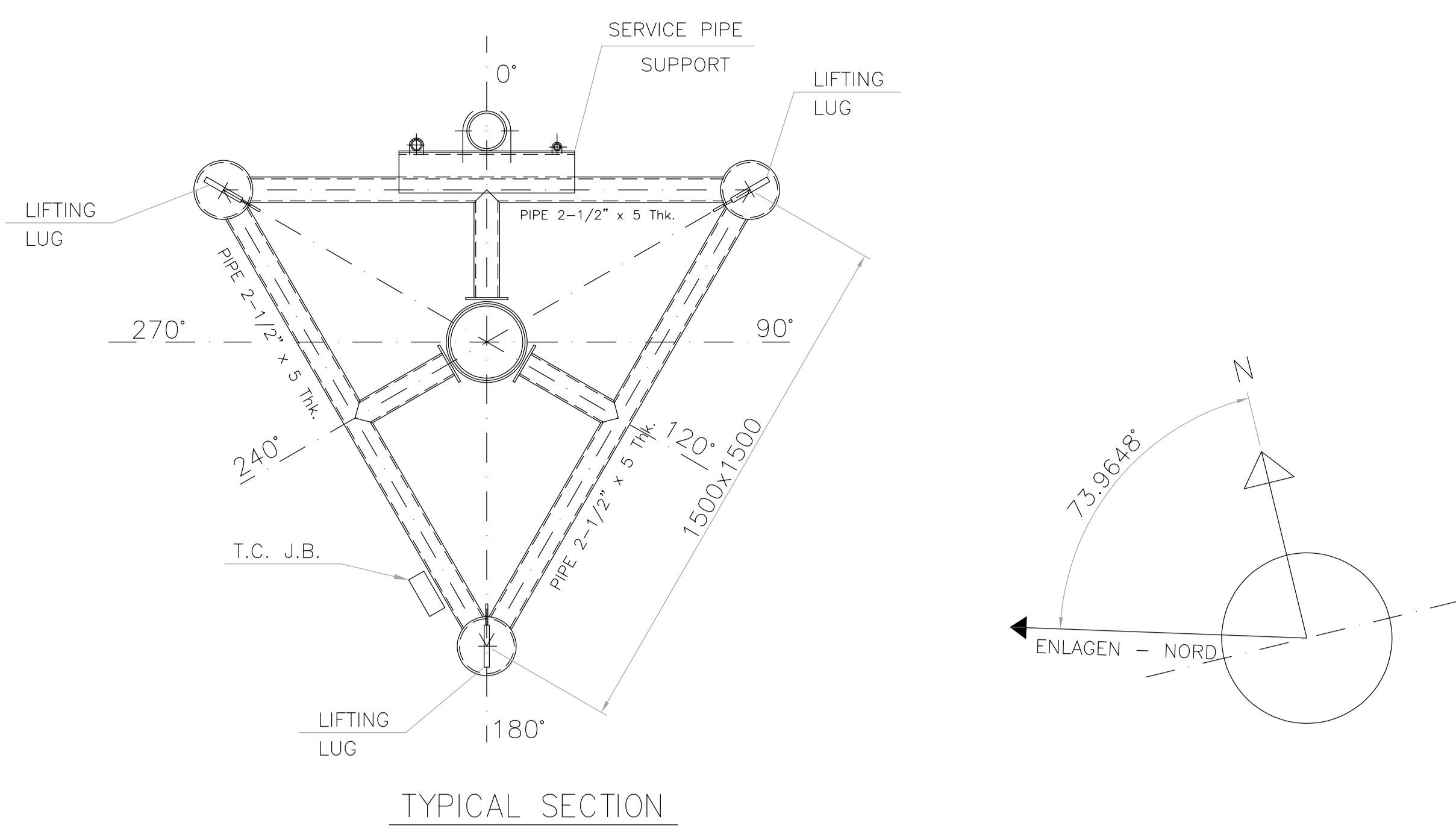


NOTE

- TO BE LIFT IN ONLY ONE PIECE AFTER FIELD WELD AT GROUND IN HORIZONTAL POSITION

CONNECTION LIST

ITEM	Q.ty	Size	Rating	Type	Service	Note
A	1	6"	150#	SO-RF	GAS INLET	ANSI B16.5
B	1	4"	150#	SO-RF	GAS INLET	ANSI B16.5
C	1	1"	150#	SW-RF	DRAIN	ANSI B16.5
D	1	1"	150#	SW-RF	PURGE	ANSI B16.5
E	1	1/2"	6000#	NPT-F	CO2	
F	1	1"	THREAD	-	TC JUNCTION BOXE	
HH	1	8"	150#	SO-RF+BF	HAND HOLE	ANSI B16.5



02.02.2024	REVISED WHERE INDICATED	FERRARI CASALINO/ANTONELLI
31.01.2024	REVISED WHERE INDICATED	FERRARI CASALINO/ANTONELLI
30.11.2023	REVISED WHERE INDICATED	FERRARI CASALINO/ANTONELLI
26.10.2023	REVISED WHERE INDICATED	FERRARI CASALINO/ANTONELLI
18.10.2023	REVISED WHERE INDICATED	FERRARI CASALINO/ANTONELLI
29.08.2023	REVISED WHERE INDICATED	FERRARI CASALINO/ANTONELLI

Proj. - Nr.	Standort / Projektname
DG-001115	LNG LIQUEFACTION PLANT
Datum	Name
12.06.2023	FERRARI
12.06.2023	CASALINO/ANTONELLI
12.06.2023	ANTONELLI
Sch.-vermerk	Blatt/Melst./
ISO 18016 beachten	A1 1:25
Uspr. EST 106050 Rev.0G	Ensf.:
Ensf.:	Ensf.:

6	02.02.2024	REVISED WHERE INDICATED	SV	RB	AP
5	31.01.2024	REVISED WHERE INDICATED	SV	RB	AP
4	30.11.2023	REVISED WHERE INDICATED	SV	RB	AP
3	26.10.2023	REVISED WHERE INDICATED	SV	RB	AP
2	18.10.2023	REVISED WHERE INDICATED	SV	RB	AP
1	29.08.2023	REVISED WHERE INDICATED	SV	RB	AP

Rev	Date	Description	Redatto	Controllato	Visto
			Prepared	Checked	Approved

TCD Italia srl
 www.tcditalia.it

Subject Soggetto: MICROL PLANT 50 KTPA RENZENHOF - GERMANY
 Item Item: FL-16000 FL-16001

Title Titolo: Vent-General Assembly with Nozzles position (Including Snuffing System)

Cliente Client: SIAD
 Commesso Job: T294-23
 Disegno Drawing: EST106050

Form: A1
 Scale: 1:25
 Rev: 6