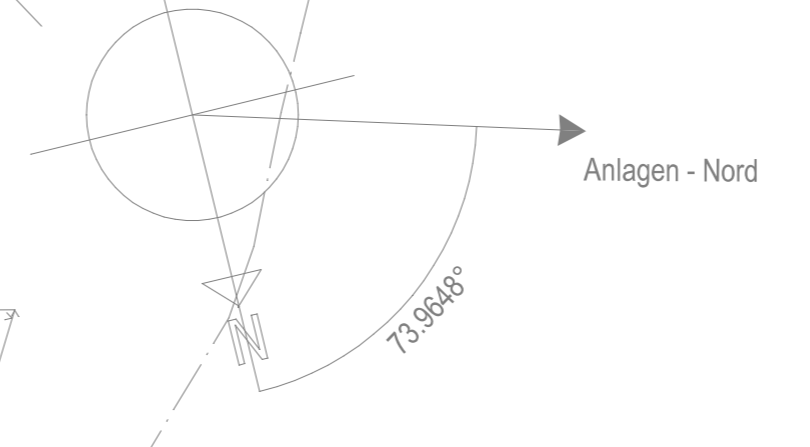


- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETERS IF NOT OTHERWISE INDICATED
 2. CIVIL WORKS, BUILDING, ROOMS AND SHELTERS ARE NOT IN SIAD M SCOPE OF SUPPLY
 3. DIMENSIONS OF CONCRETE TRENCH ARE INDICATIVE AND SHALL BE DEFINED BY CLIENT ACCORDING TO CABLE TRAYS SIZE AND NUMBER GIVEN BY SIAD M
 4. CABLE TRENCH COVER SHALL BE CARRIAGEABLE IN THE AREAS WHERE IS ALLOWED THE TRANSIT OF MAINTENANCE VEHICLE (I.E. FORKLIFT)
 5. FOUNDATION AND CABLE TRENCH FOR ELECTRICAL ROOMS IN CONTAINER SHALL BE DEFINED AND DETAILED IN ELECTRICAL ROOM FOUNDATION DRAWING (DOC 422REZH116201001PFD01PFD001)
 6. ALL CABLE TRAYS ARE COVERED BY A METAL COVER FOR EMC AND LIGHTNING PROTECTION
 7. SUITABLE DRAINAGE SYSTEM SHALL BE PROVIDED FOR PIT AND CABLE TRENCH BY CUSTOMER
 8. ACCORDING TO TRBS3146/TRGS746 (CHP 4.1) CABLE DUCT ARE IDENTIFIED AS CONFINED ZONES WITHIN A DISTANCE OF 5M FROM POINTS WHERE LNG SPILLAGE IS POSSIBLE

- REF. DOCUMENTS**
- PLANT LAYOUT WITH TIE-IN POINTS SEE DWG. I 20783 - 520REZH690001000PLY001
 - FOUNDATION DETAILS SEE DWG. I 20833-02 - 422REZH30001001PLY00102+
 - FOUNDATION DETAILS SEE DWG. I 20833-03 - 422REZH30001001PLY00103+
 - FOUNDATION DETAILS SEE DWG. I 20833-04 - 422REZH30001001PLY00104+
 - BUILDING BASIC DRAWING SEE DWG. I 20894 - 422REZH30001001ZGR001
 - PRIMARY GROUNDING CONNECTIONS POSITIONS SEE DWG. CD 59 - 170REZH30001001PER001

- MV cable direct buried
- Cable tray in concrete trench
- Cable tray on pipe rack
- Underground conduit



ITEM S LIST					LNG PRESENCE	LIQUID HEAVY HC PRESENCE
POS.	DESCRIPTION	ITEM				
1	FISCAL METERING STATION (EXCLUDED FROM SCOPE OF SUPPLY)	-				
2A	CO ₂ ABSORPTION UNIT - SKID					
2B	CO ₂ ABSORPTION UNIT - SKID FLASH	AU1000				X
2C	CO ₂ ABSORPTION UNIT - TOWER					
3A	STRIPPING UNIT - SKID	SU2000				
3B	STRIPPING UNIT - TOWER					
4	SOLVENT ADDITION AND REMOVAL UNIT	SRU3000				
5A	NG PRECOOLING AND DRYING UNIT - SKID	DU4000				
5B	NG PRECOOLING AND DRYING UNIT - DRIER					
6	NG REGENERATION MODULE NG REGENERATION COOLER NG CONDENSATE SEPARATOR NG REGENERATION HEATER	MDL5000 HW5000 ST5000 EW5000				
7	NG REGENERATION COMPRESSOR	C5500				
8	FEED GAS MODULE NG PRE-HEATER NG REDUCTION STATION	MDL6000 HW6000 RS5000				
9	COLD-BOX PRIMARY HEAT EXCHANGER LNG SUBCOOLER HEAT EXCHANGER LNG SUBCOOLER LNG DRAIN VAPORIZER LNG SEPARATOR LNG DRAIN VAPORIZER	CB7000 HX7000 HX7001 SC7001 E7001 S7003 E7002				X
10	N ₂ RECYCLE COMPRESSOR	C7400				
11	N ₂ RECYCLE COMPRESSOR INTERCOOLER / AFTERCOOLER	E7400/7401				
12	RECYCLE/BOOSTER MODULE N ₂ RECYCLE COMPRESSOR POST-AFTERCOOLER COLD BOOSTER POST-AFTERCOOLER	MDL7500 HW7400 HW7601				
13	WARM AND COLD BOOSTER/TURBINE	T/C7500/7600				
14	WARM AND COLD BOOSTER AFTERCOOLER	E7500/7600				
15	TURBINE DUCT	TD7500				
16	INSTRUMENT AIR PACKAGE	IA7700				
17	COOLING WATER MODULE COOLING WATER PUMPS COOLING WATER EXPANSION DRUM	MDL8000 P8000A/B VB8000				
18A/B/C	COOLING WATER AIR COOLER	E8000/8001/8002				
19	DEMI WATER PACKAGE	DW8000				
20	HC HEATER MODULE HC HEATER	MDL9000 EW9000				
21	BOG COMPRESSOR	C9100				
22	CHILLED WATER MODULE CHILLED WATER EXPANSION DRUM CHILLED WATER PUMPS	MDL11000 V11000 P11000A/B				
23	CHILLER	FRU11000				
24	STEAM CONDENSATE MODULE ATMOSPHERIC STEAM CONDENSER CONDENSATE TRANSFER PUMP	MDL15000 HW15000 P15000				
25A	WATER SERVICE MODULE	V15100				
25B	PUMPS MODULE	P15100A/B				
26A	STEAM BOILER	SC15200				
26B	STEAM BOILER - CHIMNEY	-				
27A	COLD FLARE	FL16000				
27B	SNUFFING SYSTEM	FL16001				
27C	HOT FLARE WITH IGNITION SYSTEM	FL16002				
28	LNG DRAIN KO DRUM	V16000				X
29	HEAVY HC KO DRUM	V16200				X
30A	THERMAL OXIDIZER	IN16200				
30B	THERMAL OXIDIZER - CHIMNEY	-				
31A/B	LIN STORAGE TANKS (EXCLUDED FROM SCOPE OF SUPPLY)	VT17000/17001				
32A/B	LIN BUILD-UP VAPORIZERS (EXCLUDED FROM SCOPE OF SUPPLY)	E17000/17001				
33	NITROGEN BACK-UP MODULE NITROGEN BACK-UP TRIM HEATER	MDL17000 H17000				
34A/B	LIN BACK-UP VAPORIZERS	E17002A/B				
35	LNG TANK MODULE	MDL19000				X
36A/B	LNG STORAGE TANKS	VT19000/19001				X
37	LNG BUILD-UP VAPORIZER	E19000				X
38A/B	LNG TRUCK LOADING PUMPS	P19000/19001				X
39A/B	TRUCK LOADING BAY	TL19000/19001				X
47A/B	TRUCK SCALE	-				X
40	MV DISTRIBUTION CONTAINER	-				
41	TRAF0 CONTAINER	-				
42	LV DISTRIBUTION CONTAINER	-				
43	LCR CONTAINER	-				
44	-	-				
45	-	-				
46A	DIESEL EMERGENCY GENERATOR	-				X
46B	DIESEL EMERGENCY GENERATOR - CHIMNEY	-				
48	ANALYSIS CABIN	-				

GENERAL NOTES

- UNDERGROUND CABLE ROUTING REV. 0A IS REFERRED TO OGE LAYOUT 900REZH690001000PR00101-19

Project No:	DG-001115	Standort / Projektname:	LNG LIQUEFACTION PLANT
Client:	bioplusLNG	Responsible:	Zachengibung
Scale:	1:150	Drawn:	Flammenmelder und Gassensoren

Rev	Datum	Bezeichnung	Erstellt	geprüft	Freigegeben	Datum	Freigegeben