

NOISE EMISSION SOURCES ITEM	POS.	CHARACTERISTICS	SOUND PRESSURE LEVEL @1m [dB(A)]	REFERENCE
L110AB	1	DISCONTINUOUS	79	SIA, para 3.5.2.4, Table 3.2.3
L210AB	2	DISCONTINUOUS	79	SIA, para 3.5.2.4, Table 3.2.3
P311312313	3	CONTINUOUS	80 (Lw: 91) mitigated	SIA, para 3.5.2.4, Table 3.2.3
P321322	4	CONTINUOUS	80	SIA, para 3.5.2.4, Table 3.2.3
K411421431	5	CONTINUOUS	85 (Lw: 96 not mitigated)	SIA, para 3.5.2.4, Table 3.2.3
K411432	6	CONTINUOUS	76 (Lw: 87 not mitigated)	SIA, para 3.5.2.4, Table 3.2.3
P717172	24	DISCONTINUOUS	80 (HOLD)	-
P717173	24	EMERGENCY	80 (HOLD)	-
K441	27	DISCONTINUOUS	80 (HOLD)	-
Y491	28	EMERGENCY	125 (HOLD)	SIA, para 3.5.2.4, Table 3.2.3
P48148C	21	DISCONTINUOUS	80	SIA, para 3.5.2.4, Table 3.2.3

EQUIPMENTS

- 1 LOADING ARMS GAS SHIPS
- 2 LOADING ARMS BARGES
- 3 CRYOGENIC TANK GNL 32.000 m3
- 4 B.O.G. COMPRESSORS
- 5 SUCTION DRUM
- 6 VAPORIZATION SYSTEM (WOBBE INDEX CORRECTOR)
- 7 FLARE KO DRUM
- 8 DRAIN DRUM
- 9 JETTY KO DRUM
- 10 JETTY KO DRUM
- 11 TRUCK LOADING BAYS
- 12 COMPRESSED AIR BUILDING
- 13 AIR SERVICE DRUM
- 14 INSTRUMENT AIR DRUM
- 15 WEIGHING FOR TRUCK IN
- 16 WEIGHING FOR TRUCK OUT
- 17 PIER CONTROL ROOM
- 18 CONTROL ROOM-OFFICES
- 19 ELECTRIC BUILDING
- 20 WAREHOUSE
- 21 RAINING WATER COLLECTION & TREATMENT
- 22 GAS MEASURING STATION
- 23 FIRE WATER TANKS
- 24 FIRE WATER PUMPS PACKAGE
- 25 FLARE
- 26 DIESEL EMERGENCY AND VESSELS
- 27 HD COMPRESSOR
- 28 PIPE RACK
- 29 SLEEPERS
- 30 MT CABIN
- 31 DELETED
- 32 POTABLE WATER SYSTEM

REFERENCE DRAWINGS / DISEGNI DI RIFERIMENTO

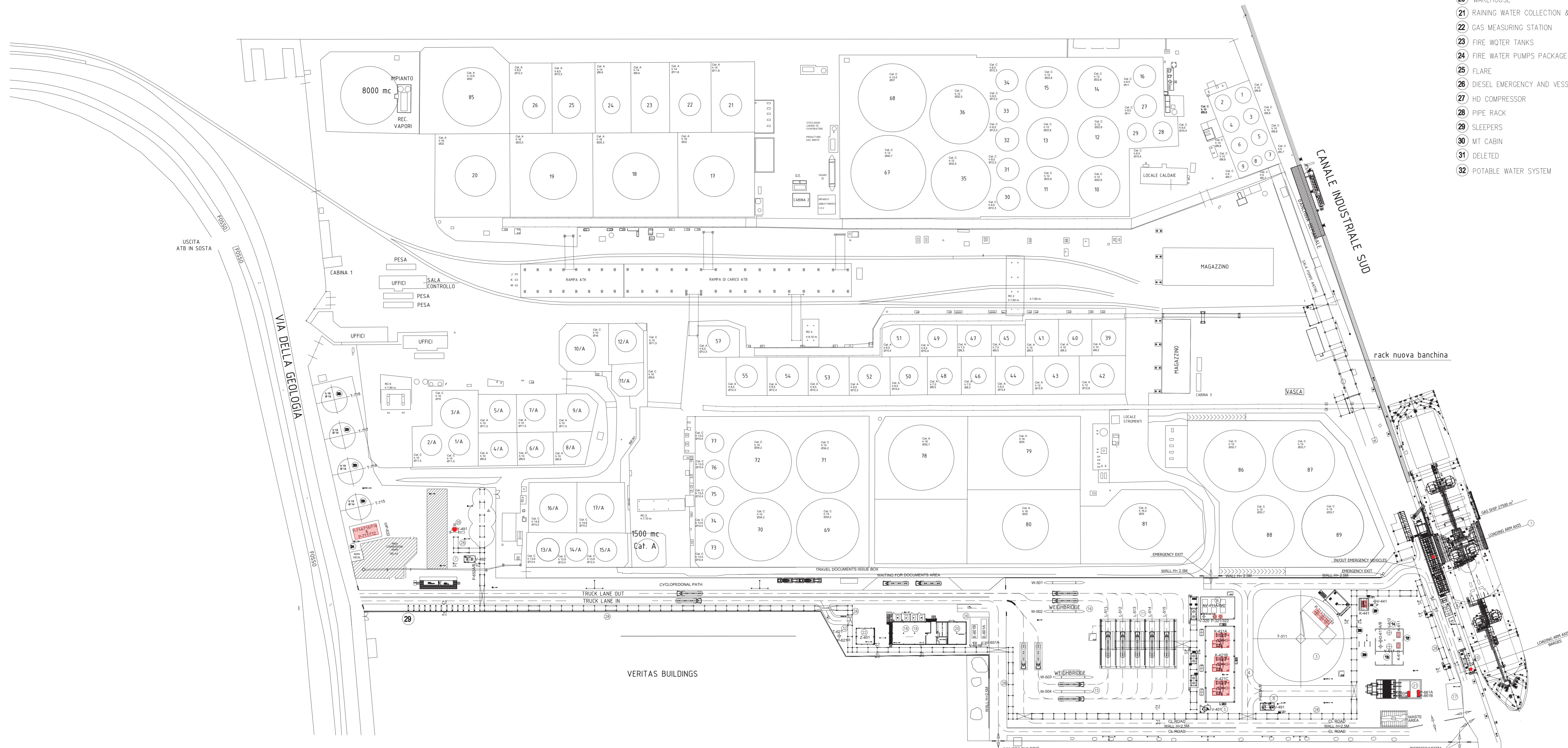
DWG. N° / N° DIS	DESCRIPTIONS / DESCRIZIONE
0469-TITA-P-PP-000-001	GENERAL PLOT PLAN
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NOTE:

- 1- ALL DIMENSIONS ARE SHOWN IN mm, COORDINATES ARE SHOWN IN m
- 2- THIS DRAWING IS VALID FOR THE IDENTIFICATION OF FIXED NOISE EMISSION SOURCES ONLY
- 3- NOISE EMISSION SOURCES SHALL COMPLY WITH:
 - LIMITS AND SPECIFICATIONS GIVEN BY D.Lgs. 81/08 Art. 189
 - LIMITS AND SPECIFICATIONS GIVEN BY DOC.N. P0008501-5-H2 REV. 0 (UPDATE NOVEMBER 2018), APPENDIX D TO "STUDIO DI IMPATTO AMBIENTALE (SIA)"
- 4- ONLY PRINCIPAL NOISE EMISSION SOURCES ARE IDENTIFIED, CHARACTERIZED BY SOUND PRESSURE LEVEL HIGHER THAN LIMITS VALUE FOR DESTINATION CLASS LAND VI: 65 dB (A). SECONDARY SOURCES SUCH AS IMPOUNDING BASIN PUMPS, CONTROL VALVES, PSVs WILL BE DEFINED DURING THE DETAILED ENGINEERING PHASE.
- 5- NOISE PRESSURE LEVEL OF EACH SOURCES ARE INDICATED IN TABLE
- 6- FOR FURTHER DETAILS, REFER TO DOC. N. 0469-TITA-H-DC-000-001, HSE DESIGN PHILOSOPHY.
- 7- NOISE EMISSION SOURCE TYPE:
 - A. PUNCTUAL: IT ASSUMED THAT POINT TYPE SOURCE GENERATES THE NOISE
 - B. AREAL: IT IS ASSUMED THAT 3D SOLID SURFACE GENERATES THE NOISE

SYMBOLS:

- PUNCTUAL NOISE EMISSION SOURCE
- AREAL NOISE EMISSION SOURCE



REV.	DESCRIPTION - Descrizione	PREP'D - Red.	CHK'D - Cont.	APP'D - Appr.	REV. APPROV. - Data
2	ISSUE FOR USE	G.Guarini	A.Caligiuri	A.Caligiuri	A.Commerteri 18/09/20
1	ISSUE FOR USE	G.Guarini	A.Caligiuri	A.Caligiuri	A.Commerteri 25/08/20
0	ISSUE FOR COMMENTS	G.Guarini	A.Caligiuri	A.Caligiuri	A.Commerteri 17/06/20

CONTRACTOR: **TECHINT** Engineering & Construction

COMPANY: **VeniceLNG**

JOB NUMBER: COMPANY DOC. N°

PROJECT TITLE: **VENICE LNG FEED - VENICE LNG TERMINAL (PORTO MARGHERA)**

TITLE: **NOISE EMISSION SOURCES LAYOUT**

SCALE: 1:1000	FORM: AO	CONTRACTOR DOC. N°: 0469-TITA-H-LY-000-004	REV. 2	SHT. 1	OF 1
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CAD FILE N°

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