

GENERAL NOTES

A. PASSIVE FIRE PROTECTION PRACTICAL APPLICATION AREAS LAYOUT, BASED ON NESTE INPUT (TRANSMITTALS RDCG01-CO-SU-T-958, RDCG01-CO-SU-T-960, RDCG01-CO-SU-T-963 AND NESTE ADDITIONAL CONSIDERATIONS ON ESCALATIONS/DOMINO HAZARDS IN CASE OF COLLAPSES), MOM (MOM-TR-NR-00060) AND RELEVANT REPLIES.

B. FOR DETAILS ON PASSIVE FIRE PROTECTION REFER TO PASSIVE FIRE PROTECTION SPECIFICATION (DOC. N° 082755C-000-ISO-1980-0001).

C. EQUIPMENT LISTED IN TABLE ARE RELEVANT TO UNITS 11, 21, 21A, 21B, 57 AND 67, i.e. UNITS INSIDE OR PARTIALLY INSIDE THE PASSIVE FIRE PROTECTION PRACTICAL APPLICATION AREAS. TABLE 1 SHOWS IN COLUMNS "POOL FIRE" AND "JET+POOL FIRE" IF EQUIPMENT IS INSIDE THE PASSIVE FIRE PROTECTION PRACTICAL APPLICATION AREAS. REFER TO PASSIVE FIRE PROTECTION SPECIFICATION (082755C-000-ISO-1980-0001) TO VERIFY REQUIREMENT FOR FIREPROOFING ON RELEVANT SUPPORTS.

LEGEND AND SYMBOLS

Pool Fire Passive Fire Protection Practical Application Area to be considered for:

- Equipment supports and load bearing structure with a fire resistance rating of 120 min Pool fire up to 12 m (with the exception of the equipment and relevant supports indicated in Table 1 for which the pool fire passive fire protection area has to be considered for the entire elevation)
- Safety critical equipment and their actuators and cables with a fire resistance rating of 30 min pool fire up to 12 m

Jet + Pool Fire Passive Fire Protection Practical Application Area to be considered for:

- Equipment supports and load bearing structure with a fire resistance rating of 30 min Jet fire + 60 min Pool fire for the entire elevation
- Safety critical equipment and their actuators and cables with a fire resistance rating of 30 min pool fire for the entire elevation

Pool Fire Passive Fire Protection Practical Application Area to be considered for:

- Safety critical equipment and their actuators and cables with a fire resistance rating of 30 min pool fire for the entire elevation

NEW UNIT

UNIT 011	HTU
UNIT 012	PTU
UNIT 021	NEXBTL
UNIT 042	INTERMEDIATE TANK
UNIT 053	UTILITIES
UNIT 057	HOT OIL
UNIT 062	WWT (Storm Water Pond)
UNIT 067	FLARE SYSTEM
UNIT 076	BUILDING (Operator Build. & Lab.+SS)
UNIT 076	COMBINED BUILDING SS+RIB
UNIT 081	INTERCONNECTING
UNIT 082	INTERCONNECTING (Corridor)
UNIT 086	FIRE WATER

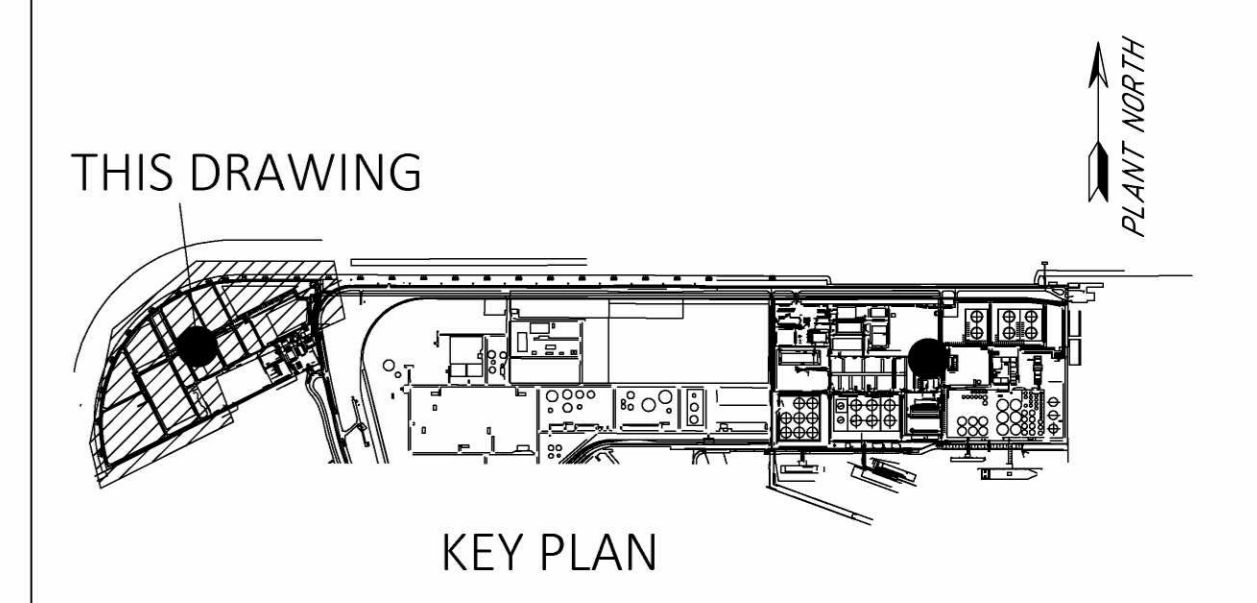
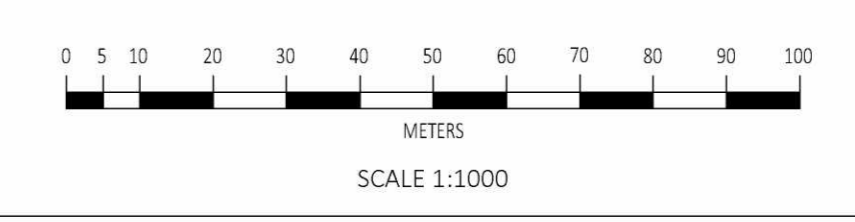


TABLE 1

EQUIPMENT NO.	NAME	DESCRIPTION	POOL FIRE	JET+POOL FIRE	POOL FIRE	JET+POOL FIRE
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01100

DO NOT USE AS PLOT PLAN VALID FOR PASSIVE FIRE PROTECTION ZONE ONLY



REFERENCE DRAWINGS

082755C-021-DW-1980-0001-01/02/03/04_A	PASSIVE FIRE PROTECTION LAYOUTS - UNIT 021
082755C-057-DW-1980-0001-01/02/03_A	PASSIVE FIRE PROTECTION LAYOUTS - UNIT 057
082755C-067-DW-1980-0001-01_A	PASSIVE FIRE PROTECTION LAYOUT - UNIT 067
082755C-076-DW-1980-0001-01_A	PASSIVE FIRE PROTECTION LAYOUT - UNIT 076
082755C-000-DW-0051-0005-01_E	GENERAL PLOT PLAN MNA AREA RDCG PROJECT

CONFIDENTIAL

2-9-2021	Issued for local authorities	Alpha	Lilly	...		
A	09/06/2021	ISSUE FOR REVIEW	ASOW	A/TAMBURRO	C/DEWILDT	U/DEWILDT
REV	DATE	DESCRIPTION	PREP	CHKD	APPR/AUTH	

NESTE **TECHNIP ENERGIES**

RDCG (Rotterdam Capacity Growth) - DEFINITION PHASE

NESTE

MNA AREA

PASSIVE FIRE PROTECTION - PRACTICAL APPLICATION AREAS LAYOUT

Scale	Technip Drawing No	Page	Rev.			
1/1000	082755C 000 DW 19 80 0015	1of1	A			
Project	Unit	Doc.Type	Disc	Subj	Ser.No	

NESTE Drawing No

CAD Model

TECHNIP ITALY S.p.A. - 00148 ROMA - Viale Castello della Magliana, 68

CAD Model 082755C-000-DW-1980-0015-01_A.dwg