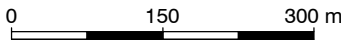


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— LFL, 100% fatality



**AECOM**

Siège Social  
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**ENVELOPE - FLASH FIRE - LFL CONTOUR**

Title **CCGT & LNG TERMINAL  
SCENARIO EFFECTS MAPS**  
Location **DELIMARA POWER STATION  
MARSAXLOKK, MALTA**  
Client **ELECTROGAS MALTA LTD**

Scale	<b>1/7 500</b>	Size	<b>A3</b>
Date	<b>MARCH 2016</b>		
Proj.	<b>47073090</b>		
Ref.	<b>ENEM-AEC-E0-00-DR-SE-00004</b>		
Drawn	<b>AMA</b>	App'd	<b>SHA</b>
<b>ENV FF</b>			



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- 700 mbar, 99% fatality, domino effect
- 350 mbar, 50% fatality
- 200 mbar, 5% fatality
- 140 mbar, 1% fatality
- 20 mbar, 10% window glass broken

0 200 400 m

**AECOM**

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**ENVELOPE - VAPOUR CLOUD EXPLOSION - OVERPRESSURE**

Title	CCGT & LNG TERMINAL SCENARIO EFFECTS MAPS
Location	DELIMARA POWER STATION MARSAXLOKK, MALTA
Client	ELECTROGAS MALTA LTD

Scale	1/8 000	Size	A3
Date	MARCH 2016		
Proj.	47073090		
Ref.	ENEM-AEC-E0-00-DR-SE-00004		
Drawn	AMA	App'd	SHA
ENV VCE			



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- 37.5 kW/m<sup>2</sup>, 99% fatality, domino effect
- 15 kW/m<sup>2</sup>, 50% fatality
- 13.4 kW/m<sup>2</sup>, 40% fatality
- 9.3 kW/m<sup>2</sup>, 5% fatality
- 7.3 kW/m<sup>2</sup>, 3% fatality
- 5 kW/m<sup>2</sup>, 1% fatality

0 100 200 m

**AECOM**

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**ENVELOPE - JET FIRE - THERMAL RADIATION**

Title	<b>CCGT &amp; LNG TERMINAL SCENARIO EFFECTS MAPS</b>
Location	<b>DELIMARA POWER STATION MARSAXLOKK, MALTA</b>
Client	<b>ELECTROGAS MALTA LTD</b>

Scale	<b>1/4 000</b>	Size	<b>A3</b>
Date	<b>MARCH 2016</b>		
Proj.	<b>47073090</b>		
Ref.	<b>ENEM-AEC-E0-00-DR-SE-00004</b>		
Drawn	<b>AMA</b>	App'd	<b>SHA</b>
<b>ENV JF</b>			



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- 37.5 kW/m<sup>2</sup>, 99% fatality, domino effect
- 15 kW/m<sup>2</sup>, 50% fatality
- 13.4 kW/m<sup>2</sup>, 40% fatality
- 9.3 kW/m<sup>2</sup>, 5% fatality
- 7.3 kW/m<sup>2</sup>, 3% fatality
- 5 kW/m<sup>2</sup>, 1% fatality

0 125 250 m

**AECOM**

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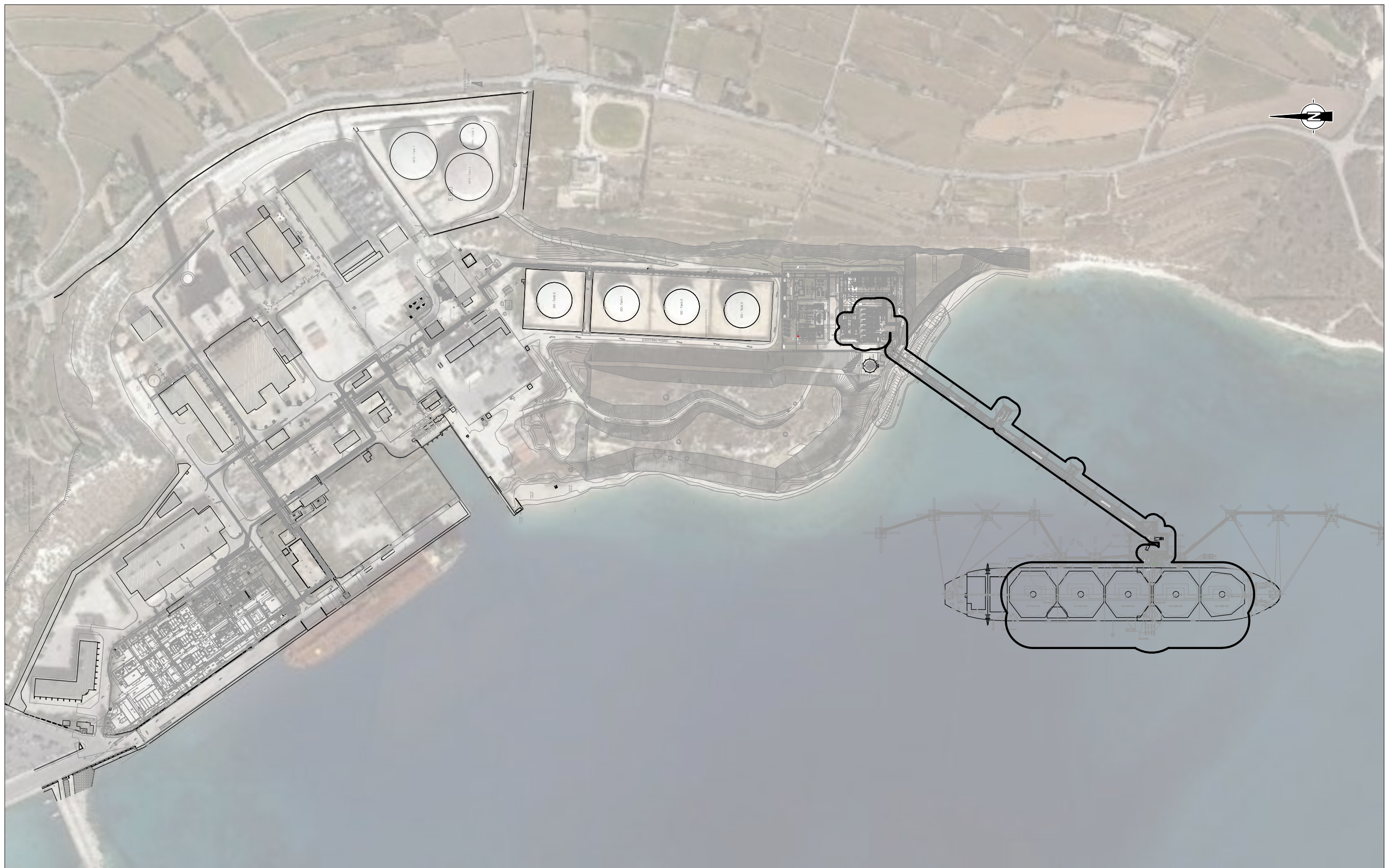
**ENVELOPE - POOL FIRE - THERMAL RADIATION**

Title	CCGT & LNG TERMINAL SCENARIO EFFECTS MAPS
Location	DELIMARA POWER STATION MARSAXLOKK, MALTA
Client	ELECTROGAS MALTA LTD

Scale	1/5 000	Size	A3
Date	MARCH 2016		
Proj.	47073090		
Ref.	ENEM-AEC-E0-00-DR-SE-00004		
Drawn	AMA	App'd	SHA
ENV PF			



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— Maximum pool spreading, 100% fatality

0 75 150 m

**AECOM**

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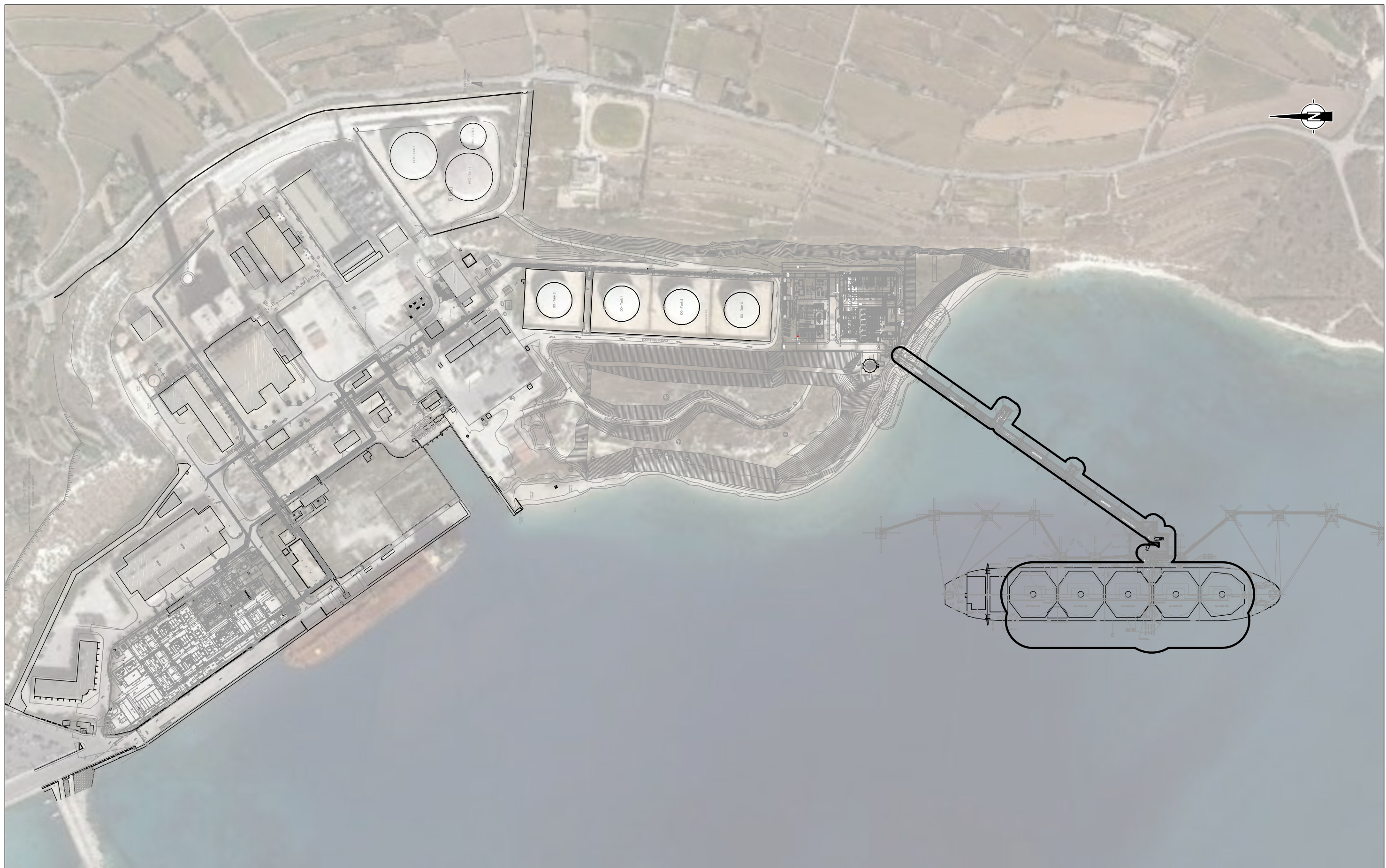
#### ENVELOPE - FREEZING LIQUID RELEASE

Title	CCGT & LNG TERMINAL SCENARIO EFFECTS MAPS
Location	DELIMARA POWER STATION MARSAXLOKK, MALTA
Client	ELECTROGAS MALTA LTD

Scale	1/3 000	Size	A3
Date	MARCH 2016		
Proj.	47073090		
Ref.	ENEM-AEC-E0-00-DR-SE-00004		
Drawn	AMA	App'd	SHA
ENV FLR			



FRAIXEP02 C:\Users\slain\_martineau\appdata\local\temp\AcPublish\_6244\ENEM-AEC-ED-00-DR-SE-00004 (env)(1).dwg



**AECOM**

Siège Social  
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Title

**CCGT & LNG TERMINAL  
SCENARIO EFFECTS MAPS**

Location

**DELIMARA POWER STATION  
MARSAXLOKK, MALTA**

Client

**ELECTROGAS MALTA LTD**

Scale **1/3 000**

Size **A3**

Date **MARCH 2016**

Proj: **47073090**

Ref. **ENEM-AEC-E0-00-DR-SE-00004**

Drawn **AMA**

App'd **SHA**

**ENV RPT**



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- 700 mbar, 99% fatality, domino effect
- 350 mbar, 50% fatality
- 200 mbar, 5% fatality
- 140 mbar, 1% fatality
- 20 mbar, 10% window glass broken

0 50 100 m

**AECOM**

Siège Social  
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**ENVELOPE - BURSTING - OVERPRESSURE**

Title **CCGT & LNG TERMINAL  
SCENARIO EFFECTS MAPS**  
Location **DELIMARA POWER STATION  
MARSAXLOKK, MALTA**  
Client **ELECTROGAS MALTA LTD**

Scale	<b>1/2 000</b>	Size	<b>A3</b>
Date	<b>MARCH 2016</b>		
Proj.	<b>47073090</b>		
Ref.	<b>ENEM-AEC-E0-00-DR-SE-00004</b>		
Drawn	<b>AMA</b>	App'd	<b>SHA</b>
<b>ENV B</b>			



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- 700 mbar, 99% fatality, domino effect
- 350 mbar, 50% fatality
- 200 mbar, 5% fatality
- 140 mbar, 1% fatality
- 20 mbar, 10% window glass broken

0 75 150 m

**AECOM**

Siège Social  
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**ENVELOPE - BLEVE BLAST - OVERPRESSURE**

Title **CCGT & LNG TERMINAL  
SCENARIO EFFECTS MAPS**  
Location **DELIMARA POWER STATION  
MARSAXLOKK, MALTA**  
Client **ELECTROGAS MALTA LTD**

Scale	<b>1/3 000</b>	Size	<b>A3</b>
Date	<b>MARCH 2016</b>		
Proj.	<b>47073090</b>		
Ref.	<b>ENEM-AEC-E0-00-DR-SE-00004</b>		
Drawn	<b>AMA</b>	App'd	<b>SHA</b>
<b>ENV BB</b>			





— 3200 (kW/m<sup>2</sup>)<sup>4/3</sup>, 100% fatality  
— 2000 (kW/m<sup>2</sup>)<sup>4/3</sup>, 50% fatality  
— 1000 (kW/m<sup>2</sup>)<sup>4/3</sup>, 1% fatality

0 75 150 m

**AECOM**

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**ENVELOPE - FIRE BALL - THERMAL DOSE**

Title **CCGT & LNG TERMINAL  
SCENARIO EFFECTS MAPS**  
Location **DELIMARA POWER STATION  
MARSAXLOKK, MALTA**  
Client **ELECTROGAS MALTA LTD**

Scale	<b>1/3 000</b>	Size	<b>A3</b>
Date	<b>MARCH 2016</b>		
Proj.	<b>47073090</b>		
Ref.	<b>ENEM-AEC-E0-00-DR-SE-00004</b>		
Drawn	<b>AMA</b>	App'd	<b>SHA</b>
<b>ENV FB</b>			