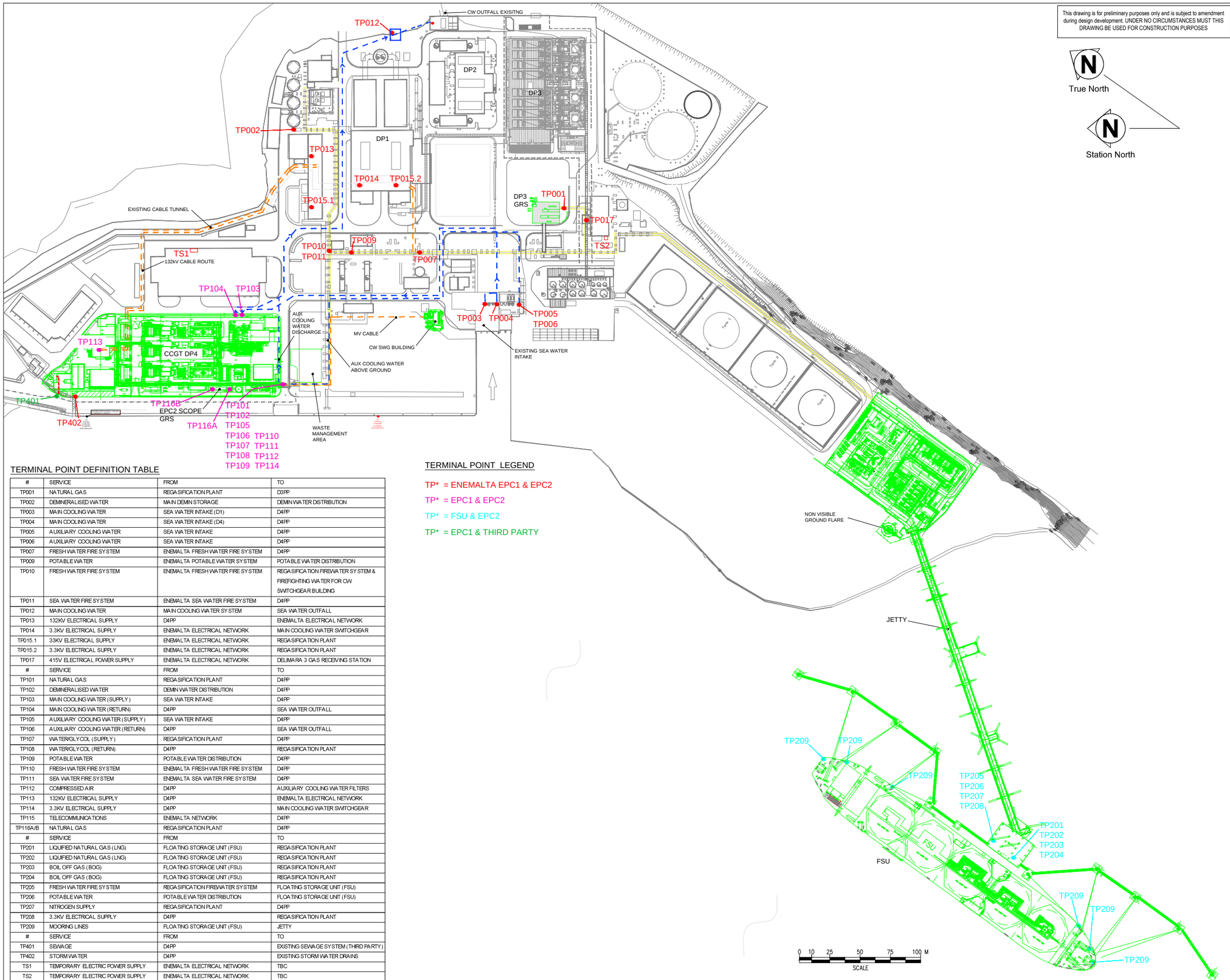

This drawing is for preliminary purposes only and is subject to amendment during design development. UNDER NO CIRCUMSTANCES MUST THIS DRAWING BE USED FOR CONSTRUCTION PURPOSES

N
True North

N
Station North

TERMINAL POINT DEFINITION TABLE

#	SERVICE	FROM	TO
TP001	NATURAL GAS	REGASIFICATION PLANT	D3PP
TP002	DEMINERALISED WATER	MAIN DEMIN STORAGE	DEMIN WATER DISTRIBUTION
TP003	MAIN COOLING WATER	SEA WATER INTAKE (D1)	D4PP
TP004	MAIN COOLING WATER	SEA WATER INTAKE (D4)	D4PP
TP005	AUXILIARY COOLING WATER	SEA WATER INTAKE	D4PP
TP006	AUXILIARY COOLING WATER	SEA WATER INTAKE	D4PP
TP007	FRESH WATER FIRE SYSTEM	ENEMALTA FRESH WATER FIRE SYSTEM	D4PP
TP009	POTABLE WATER	ENEMALTA POTABLE WATER SYSTEM	POTABLE WATER DISTRIBUTION
TP010	FRESH WATER FIRE SYSTEM	ENEMALTA FRESH WATER FIRE SYSTEM	REGASIFICATION FIREWATER SYSTEM & FIREFIGHTING WATER FOR CW SWITCHGEAR BUILDING
TP011	SEA WATER FIRE SYSTEM	ENEMALTA SEA WATER FIRE SYSTEM	D4PP
TP012	MAIN COOLING WATER	MAIN COOLING WATER SYSTEM	SEA WATER OUTFALL
TP013	132KV ELECTRICAL SUPPLY	D4PP	ENEMALTA ELECTRICAL NETWORK
TP014	3.3KV ELECTRICAL SUPPLY	ENEMALTA ELECTRICAL NETWORK	MAIN COOLING WATER SWITCHGEAR
TP015.1	33KV ELECTRICAL SUPPLY	ENEMALTA ELECTRICAL NETWORK	REGASIFICATION PLANT
TP015.2	3.3KV ELECTRICAL SUPPLY	ENEMALTA ELECTRICAL NETWORK	REGASIFICATION PLANT
TP017	415V ELECTRICAL POWER SUPPLY	ENEMALTA ELECTRICAL NETWORK	DELIMARA 3 GAS RECEIVING STATION
#	SERVICE	FROM	TO
TP101	NATURAL GAS	REGASIFICATION PLANT	D4PP
TP102	DEMINERALISED WATER	DEMIN WATER DISTRIBUTION	D4PP
TP103	MAIN COOLING WATER (SUPPLY)	SEA WATER INTAKE	D4PP
TP104	MAIN COOLING WATER (RETURN)	D4PP	SEA WATER OUTFALL
TP105	AUXILIARY COOLING WATER (SUPPLY)	SEA WATER INTAKE	D4PP
TP106	AUXILIARY COOLING WATER (RETURN)	D4PP	SEA WATER OUTFALL
TP107	WATER/GLYCOL (SUPPLY)	REGASIFICATION PLANT	D4PP
TP108	WATER/GLYCOL (RETURN)	D4PP	REGASIFICATION PLANT
TP109	POTABLE WATER	POTABLE WATER DISTRIBUTION	D4PP
TP110	FRESH WATER FIRE SYSTEM	ENEMALTA FRESH WATER FIRE SYSTEM	D4PP
TP111	SEA WATER FIRE SYSTEM	ENEMALTA SEA WATER FIRE SYSTEM	D4PP
TP112	COMPRESSED AIR	D4PP	AUXILIARY COOLING WATER FILTERS
TP113	132KV ELECTRICAL SUPPLY	D4PP	ENEMALTA ELECTRICAL NETWORK
TP114	3.3KV ELECTRICAL SUPPLY	D4PP	MAIN COOLING WATER SWITCHGEAR
TP115	TELECOMMUNICATIONS	ENEMALTA NETWORK	D4PP
TP116A/B	NATURAL GAS	REGASIFICATION PLANT	D4PP
#	SERVICE	FROM	TO
TP201	LIQUIFIED NATURAL GAS (LNG)	FLOATING STORAGE UNIT (FSU)	REGASIFICATION PLANT
TP202	LIQUIFIED NATURAL GAS (LNG)	FLOATING STORAGE UNIT (FSU)	REGASIFICATION PLANT
TP203	BOIL OFF GAS (BOG)	FLOATING STORAGE UNIT (FSU)	REGASIFICATION PLANT
TP204	BOIL OFF GAS (BOG)	FLOATING STORAGE UNIT (FSU)	REGASIFICATION PLANT
TP205	FRESH WATER FIRE SYSTEM	REGASIFICATION FIREWATER SYSTEM	FLOATING STORAGE UNIT (FSU)
TP206	POTABLE WATER	POTABLE WATER DISTRIBUTION	FLOATING STORAGE UNIT (FSU)
TP207	NITROGEN SUPPLY	REGASIFICATION PLANT	D4PP
TP208	3.3KV ELECTRICAL SUPPLY	D4PP	REGASIFICATION PLANT
TP209	MOORING LINES	FLOATING STORAGE UNIT (FSU)	JETTY
#	SERVICE	FROM	TO
TP401	SEWAGE	D4PP	EXISTING SEWAGE SYSTEM (THIRD PARTY)
TP402	STORM WATER	D4PP	EXISTING STORM WATER DRAINS
TS1	TEMPORARY ELECTRIC POWER SUPPLY	ENEMALTA ELECTRICAL NETWORK	TBC
TS2	TEMPORARY ELECTRIC POWER SUPPLY	ENEMALTA ELECTRICAL NETWORK	TBC

TERMINAL POINT LEGEND

TP* = ENEMALTA EPC1 & EPC2

TP* = EPC1 & EPC2

TP* = FSU & EPC2

TP* = EPC1 & THIRD PARTY

AECOM

CONSTRUCTION RISKS	MAINTENANCE / CLEANING RISK	DEMOLITION RISKS

In addition to the hazard/risks normally associated with the types of work detailed on this drawing take note of above. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION BOX

NOTES

APPROXIMATE AREAS OF ZONES:

Zone A: 12,615 m²
Zone B: 10,250 m²
Zone C: 430 m²
Zone D: 375 m²
Zone E: 45,000 m²

LEGEND

- BURIED CW PIPE ROUTE
- ABOVE GROUND PIPE/CABLE RACK
- BURIED ELECTRICAL CABLE
- EXISTING SEWER
- PROPOSED SEWER

DP3 DELIMARA 3 POWER PLANT
DP4 DELIMARA 4 POWER PLANT

Revision Details	By / Check	Date	Suffix
WASTE MANAGEMENT AREA ADDED	MS / KGA	06.09.16	12
MINOR AMENDMENTS	DC / KGA	18.07.16	11
TP 401 POINT AMENDED	MB / KGA	28.04.16	10
TP POINTS AMENDED	MB / KGA	30.03.16	09
LAYOUT UPDATED WITH LATEST EPC1 & EPC2 PLANT	MB / KGA	15.01.16	08
LAYOUT UPDATED WITH LATEST EPC1 & EPC2 PLANT	MB / KGA	25.05.15	07
LAYOUT UPDATED WITH LATEST EPC1 & EPC2 PLANT	MB / KGA	10.03.15	06
VESSEL SIZE CORRECTED	MB / KGA	18.12.14	05
BERTHING ARRANGEMENT AMENDED	MB / GL	17.12.14	04
SIEMENS LAYOUT UPDATED TP POINTS AMENDED, FSU & JETTY UPDATED	MB / KA	01.12.14	03
FSU LOCATION UPDATED	MS / KA	30.09.14	02
REGAS DETAIL AMENDED	MB / GL	31.07.14	01

Purpose of issue

PERMITS

Client

ElectroGas Malta LIMITED

Project Title

ENE MALTA
DELIMARA POWER STATION CCGT PLANT & LNG FUEL SUPPLY

Drawing Title

OVERALL SITE LAYOUT AND CABLE, PIPE ROUTE & TP LAYOUT

Designed	Drawn	Checked	Approved	Date
GL	MB	RW	KGA	March 16

URS Internal Project No.: 47071583
Suitability:
Scale @ A1: AS SHOWN
Zone / Mileage: EU MALTA

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CONSULTANT
AECOM
The Crescent Centre
Temple Back, Bristol
BS1 6EZ tel +44(0)117 917 1200
www.aecom.com

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