



BiFab Operations



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BURNTISLAND FABRICATIONS LTD

BiFab Facilities

BURNTISLAND FACILITIES

ACCESS TO SITE

YARD/SITE FACILITIES

LOADOUT/SAILAWAY DETAILS



BiFab Burntisland Facility

YARD LOCATION AND FACILITIES

A detailed description of the available facilities including site dimensions, layout, fabrication capacity, and loadout options is given below.

Location and Transport Facilities

Address: Burntisland Fabrications Ltd
Seaforth Place,
West Shore,
Burntisland
Fife
Scotland
KY3 9AU
Phone (+44) 01592 222000
Fax (+44) 01592 874688



ACCESS TO SITE

Company Name:	Burntisland Fabrications Limited
Site Location:	The facility at Burntisland was purpose built for the construction and loadout of large modular units and fabricated structures. It is contained within a secure 133,550 m2 site located on the north side of the Firth of Forth, a deep water estuary on the east coast of Scotland.
Water Access:	The facility is serviced by its own non tidal dock having a quay frontage of 200 metres. The width of dock entrance is 97 feet. The minimum water depth in our non tidal dock is 5.79 metres. Distance to open water: 500 metres. Height restriction to open water: None.
Load Out Capacity:	The load out quay can accommodate modular hydraulic tyred trailer units for load outs in excess of 3,000 tonnes. For load outs of up to 1,920 tonnes our rail mounted bogie system can be used.
Road Access:	There is good access to major roads with the A92 connecting within 14.5 kilometres to the M9 North/South Motorway.
Rail Access:	The yard is adjacent to the main Scottish East Coast London / Edinburgh / Aberdeen line. The Burntisland station is a short walk from the works
Nearest Airport:	Edinburgh International Airport is situated within 27 kilometres of the yard, Glenrothes Airport for private flights is some 16 kilometres from the works.
Nearest Heliport:	The nearest heliport is situated at Edinburgh International Airport.
Material Deliveries:	Preferred method is by road transport. Deliveries can be made by sea and the vessels offloaded at our quayside or in Burntisland Docks which are adjacent to our facility. For delivery to our quayside Burntisland Fabrications Limited would use our own personnel. There are no bonded stores currently. There are quarantine storage facilities
Local Resources:	Burntisland Fabrications Limited will recruit their labour directly from the Fife Region and East Central Scotland, there being an abundant pool of skilled labour residing in this area. There are several major material suppliers for steelwork, pipework, galley equipment, furnishing, etc., located in Eastern Scotland and the Central Belt.



YARD/SITE FACILITIES

Company Name:	Burntisland Fabrications Limited
Yard Location:	Burntisland, Fife, Scotland
Purpose/Function of Facility:	The Burntisland facility is for the construction of modules, decks, accommodation units, helidecks, risers, pipework and subsea structures for the offshore construction industry and PAUs and pipework for the onshore petrochemical industry.
Yard Layout:	The yard layout is shown on the attached plot plan and has a total area of 133,550 square metres.
Module Assembly Halls:	Within the Burntisland facility there is a purpose built fabrication / assembly hall of 2 bays, each bay is 91.5 metres long, 25.3 metres wide and 30 metres high. Each bay has access/doors at each end: West Doors: 11.6 metres high x 19.8 metres wide East Doors: 19.8 metres high x 22.9 metres wide Both bays are serviced with 440 volt and 110 volt power supplies, compressed air and water services. Overhead in each bay is two 50T + 10T E.O.T. cranes capable of lifting to a height of 20.25 metres. The assembly halls are equipped with eight 240 tonne capacity rail mounted bogies for movement of modules and major sub-assemblies. In addition to the module construction halls there are further covered fabrication and storage areas for sub-assembly and pipework fabrication.
Quayside:	The loadout quay serves the full Eastern frontage and is serviced with a 85 tonne capacity mobile dockside crane and the rail mounted bogie system for load outs up to 1920 tonnes. For heavier load outs hydraulic tyred trailer units are used.
Stores:	There are 3,066 sq.metres of covered storage space available. Weather protection is provided inside the main fabrication halls or by the use of Plettac type structures. The quayside from the east side of the main fabrication halls to the dockside is available for assembly/erection activities.



Yard Activities:

Power is distributed via socket outlets along each side of the fabrication halls (Bays 6 & 7) and in workshop Bays 1 to 3.

Gas is provided in either banks or individual bottles to suit the work. The pipe fabrication shop has a piped supply.

The facility is provided with mains town water throughout the works area.

Covered Fabrication Workshops:

Dimensions of covered fabrication/workshop areas in Bays 1 to 3 are shown on the attached yard layout drawing. Each bay is equipped with 2 by 5T E.D.T. cranes.

Burntisland Fabrications Ltd has an enclosed blast & paint facility covering some 3000 square metres included in which is a blast chamber equipped for the use of recoverable grit. The entrance to the paint shop is 16 metres wide x 6 metres high.

Piping Fabrication:

A dedicated pipe fabrication shop for exotic pipe fabrication was created in 2004. This facility contains 24 welding stations, all fully serviced with power, gas supply and extraction systems.

Covered / Heated storage Areas:

A total of 3,600 m² serviced by 6T and 3T capacity cranes. The door size is 4m wide and 5m high and situated on the ground floor of the main office block and in workshop Bays 2 and 3.

Open storage is shown on the yard layout with a ground bearing capacity of 5T/m² and is serviced by fork lift trucks, side loaders and mobile cranes.

Craneage:

The yard is equipped with the following craneage:

- 4 x 50T + 10T E.O.T. Monobox Cranes
- 1 x 85T Electric Mobile Dockside Crane
- 10 x 5T E.O.T. Cranes
- 1 x 6.5T E.O.T. Crane
- 2 x 3T Overhead Cranes
- 1 x 3T Gantry Crane
- 5 x 1T Radial Jib Cranes

Additional craneage is readily available on a hire basis from local depots.

Limitations:

The current maximum load out capacity is 5000 tonnes.

Road access is restricted to a unit height of 4.9 metres.



LOADOUT/SAILAWAY DETAILS

Water Access

The facility is serviced by its own non tidal dock having a quay frontage of 200 metres. The width of the dock entrance is 97'0".

Details of water depth are attached.

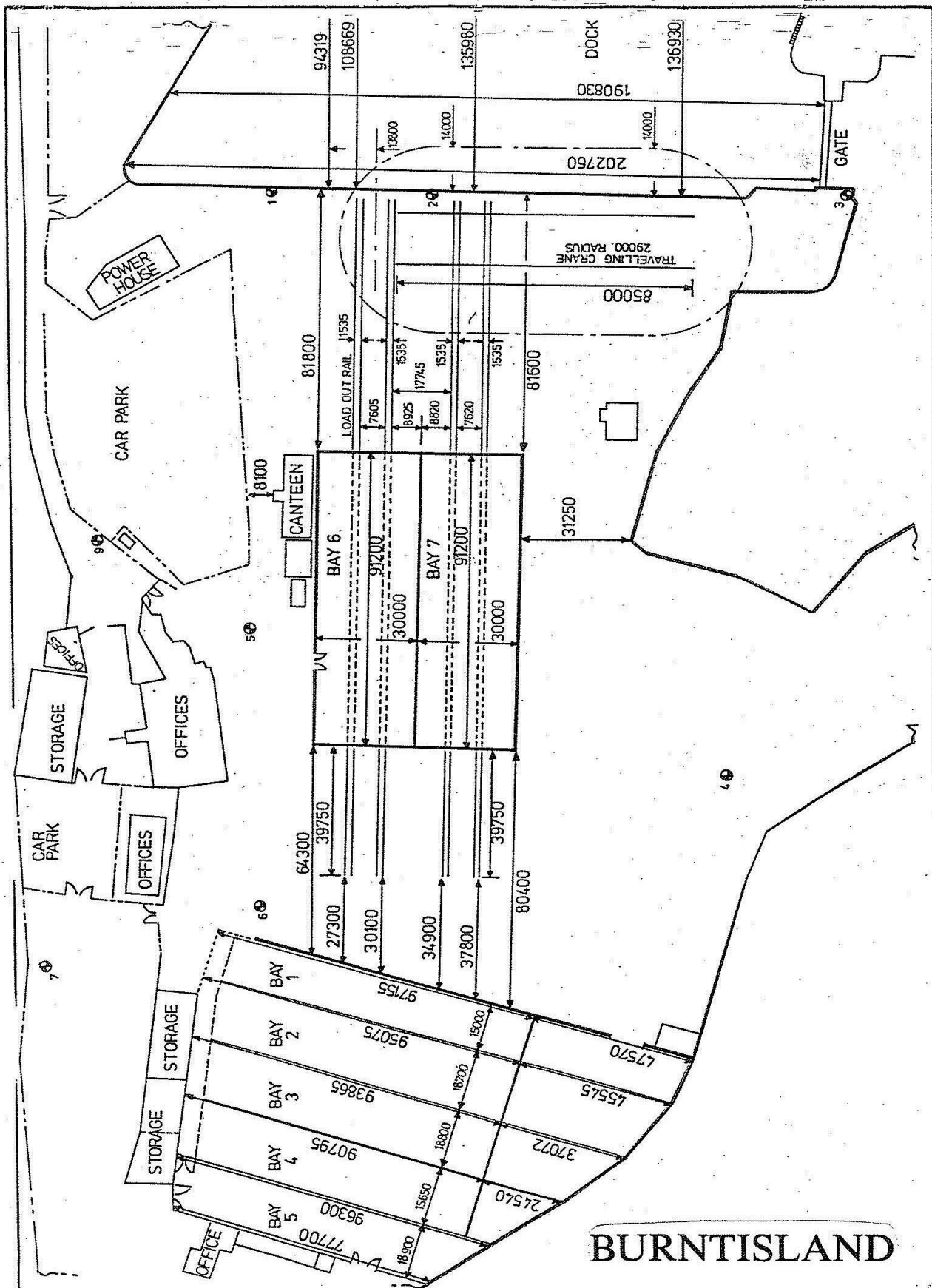
Load Out Quay

The load out quay can accommodate modular hydraulic tyred trailer units for load outs in excess of 3,000 tonnes. For load outs of up to 1,920 tonnes our rail mounted bogie system can be used.

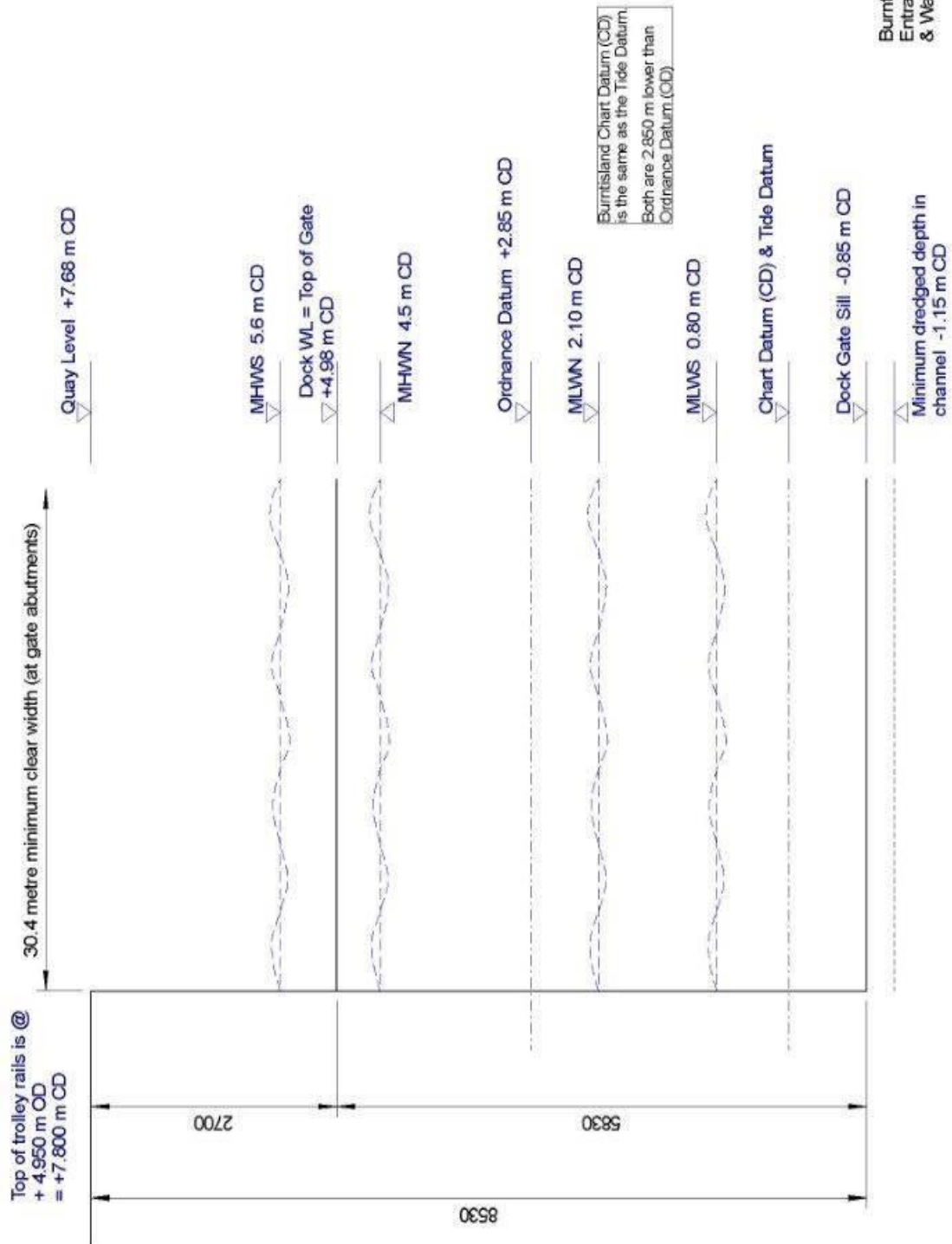
Minimum water depth in our non tidal dock is 5.79 metres.

Distance to open waters 500 metres.

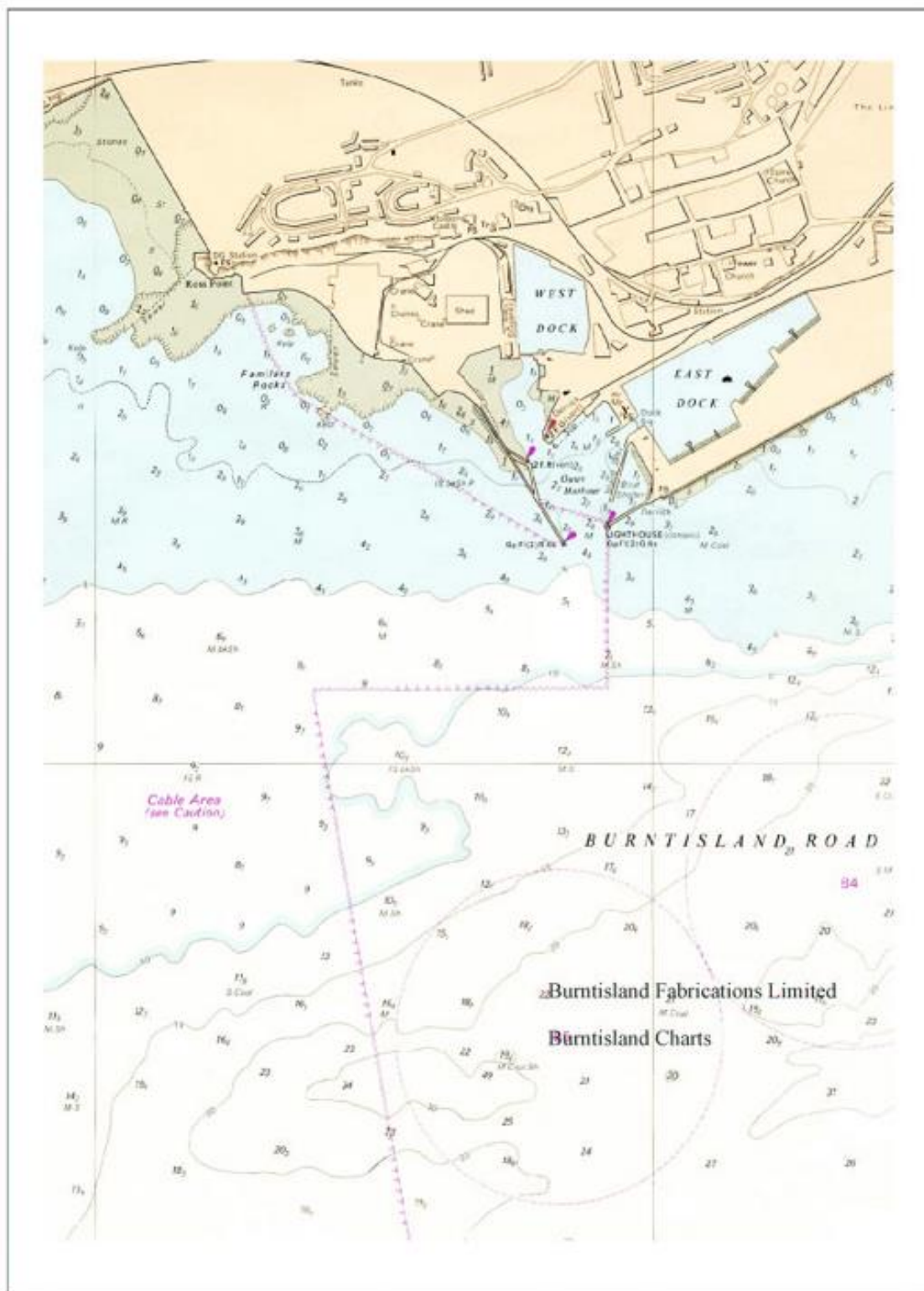
Height restriction to open waters - None.



BURNTISLAND WEST DOCK ENTRANCE GATE DIMENSIONS & WATER DEPTHS



Burntisland West Dock
Entrance Gate Dimensions
& Water Depths





METHIL FACILITY

YARD AND LAYOUT CAPACITY

GEOGRAPHICAL DETAILS

LOADOUT/QUAYSIDE/DOCK AREAS

TRANSPORTATION RESTRICTIONS

YARD LAYOUT DRAWINGS



BiFab Methil Facilities

YARD LOCATION AND FACILITIES

A detailed description of the available facilities including site dimensions, layout, fabrication capacity, and loadout options is given below.

Location and Transport Facilities

Address: Burntisland Fabrications Ltd
Methil Yard
Wellesley Road
Buckhaven
Fife KY8 3RA
Phone (+44) 01592 226610
Fax (+44) 01592 226611

Methil Yard is situated on the north bank of the 9 mile wide Firth of Forth estuary, with unrestricted access to open sea.



Facilities and Services

The yard covers an area of 542,258 m², including fully equipped client, project and administration office facilities, together with the following principal facilities:

Covered Assembly Area	6,400 m ²	
Open Assembly Area	277,000 m ²	
Covered Fabrication Area	7,500 m ²	
Covered Storage Area	6,800 m ²	
Material Stockyard	18,600 m ²	
Assembly Hall	134 m x 48 m x 30 m	
	Quay 1	Quay 2
Quay Length	180 m	165 m
Water Depth (mean)	4.9 m - 9.0 m	9.0 m
Maximum Loadout Weight to date	20,000 Tonnes	

Fabrication Shops

Fabrication Shop No. 1 is used mainly for the preparation of steel plates, tubulars and sections and for prefabrication work.

Width:	26 Metres
Length:	122 Metres
Door Opening:	20 Metres Wide x 9 Metres High
Craneage:	2 No. 30 Tonne Goliath Cranes

Fabrication Shop No. 2 is used mainly for sub-assembly of deck sections and node fabrication.

Width:	26 Metres
Length:	134 Metres
Door Opening:	24 Metres Wide x 12 Metres High
Craneage:	2 No. 60 Tonne Anderson Grice OHT Cranes 26 Metres Span x 12 Metres Hoisting Height
	2 No 20 Tonne OH Cranes 26 Metres Span x 12 Metres Hoisting Height

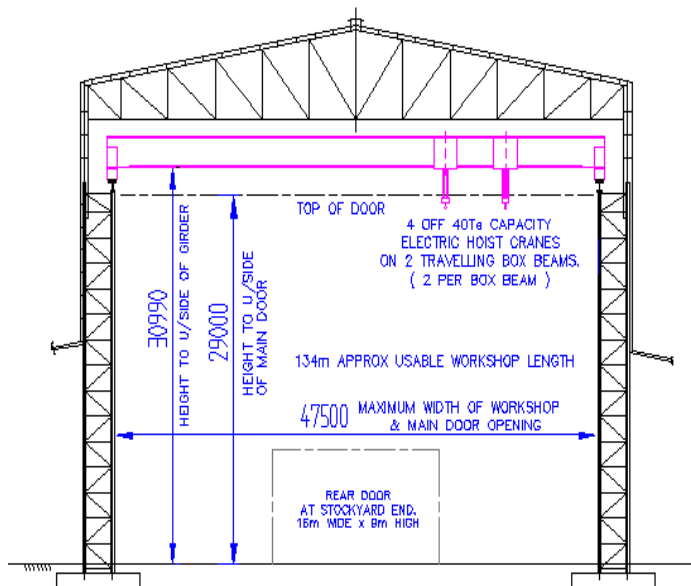


BURNTISLAND FABRICATIONS LTD

BiFab Facilities



Fabrication Shops 1, 2 & 3



Fabrication Shop No. 3, the Main Assembly Hall, is used for the final erection and fitting out of jackets modules and integrated decks. The Main Assembly Hall is one of the largest final assembly halls in Europe.

Fabrication Shop 3

Width:	48 Metres
Length:	134 Metres
Door Opening:	47 Metres Wide x 29 Metres High
Craneage:	4 No. 40 Tonne Carruthers OHT Cranes
	48 Metres Span x 30 metres Hoisting Height
	2 No. Auxiliary Hoists

Annex to Shop No. 3 - Pipe Fabrication

Width:	15 Metres
Length:	94 Metres
Craneage:	2 No. 15 Tonne Carruthers OH Cranes

Fabrication Shop No. 4, Shop 4 is a sub assembly facility for small fabrications up to 50T capacity.

Width:	30 Metres
Length:	60 Metres
Door Opening:	25 Metres Wide x 6 Metres High
Craneage	2 No 10 Tonne OH Cranes



Painting Facilities, the Paint Shop, is fully equipped to shot blast and paint to standard offshore paint systems and thermal spray aluminium systems. The shop is temperature controlled and has ventilation and dust extraction systems.

Width: 30 Metres

Length: 55 Metres

Door Opening: 28 Metres Wide x 10 Metres High

In addition temporary facilities will be erected if required on a project specific basis.

External Assembly Areas

Berth Area I

Open construction area of 69,000 m². Even surface of consolidated colliery shale with a load bearing surface of 35 te/m², equipped for 24 hour operation with floodlighting and with mains electricity distribution points throughout.

Berth Area 2

Open construction area of 186,000 m². Surfaced and Services as Area I.

Pre-Fabrication Facility (Area III)

Open construction area of 17,000 m². Surfaced and Services as Area I.

Pre-Fabrication Area

Located between Areas 1 and 2 and extending to 5,000 m². The area is fenced off and contains the module 'fit-out', subcontractors fabrication shops, material storage racks and lockfast Nissen hut for material storage, thereby providing a "self-contained" unit. The open area is surfaced as Area I and II - the shop floors being tarmac.

ACCESS DETAILS

Access by Road

There are no restrictions imposed on the 8.5m wide road from Methil into the Yard other than laid down by general DOE Conditions regarding width and weight of loads. There are no height restrictions. The A955 major highway links Methil to Kirkcaldy and the major highway networks.

Access by Rail

Nearest British Rail Main Line Station is Kirkcaldy (8 miles by 'A' class road from Methil). Kirkcaldy station is located at the main east coast line giving frequent direct passenger services to London/Edinburgh/Aberdeen. In addition to passenger services, Kirkcaldy also has parcel services (Ordinary and Red Star) and a goods yard for freight. 'Small Quantity' Freight is offloaded at Kirkcaldy and transported by road to Methil.

Access by Air

Nearest International Airport to Methil is Edinburgh, approximately 30 miles from Methil by first class roads.



ENVIRONMENTAL DATA

Mean Annual Rainfall	710 mm spread over 120 days per year.
Mean Annual Temperature	4.8 degrees centigrade.
Prevailing Wind	W S W, general maximum 20 knots Approx. 5 days per annum above 34 knots
Terrain	The Methil Yard is located on the seafront. The 542,258m ² site is level and evenly graded. A grassed soil heap is located at the west end of the Yard and affords some protection from winds. The area surrounding Methil Yard is undulating.

**LOADOUT / QUAYSIDE / DOCK AREAS**

The Methil Yard has direct and unrestricted access to the 9 miles wide estuary of the Forth and from there to the open sea. The enclosed location of the Methil Yard shows the favourable position of Methil in this respect - a position shared by the adjacent Methil Docks with its facilities to accept large ocean going vessels.

The normal practice for loadouts from the yard is to tow the transport barge straight out to sea from the quay and for this purpose there are no horizontal overhead clearances or legal restrictions. Under keel clearances are governed by the state of the tide and the draught of the barge. All previous loadouts have maintained adequate clearance without fear of damage to the barge keel due to grounding.

The seabed slopes gradually and regularly away from the quay wall (at approx. 1 in 70) in deep water with no sandbank or other outcrop to cause navigation difficulties.

The Admiralty publish full details of the waters of the Forth on their respective charts - BA734 and BA739.

Water Depths at Methil Yard Quay

Phase I	Dredged Levels Below OD	-4.9m To -9.0m
Phase II	Dredged Levels below OD	-6.9m to -9.0m

Tidal Information

MHWS	+3.00 metres OD
MHWN	+1.50 metres OD
MLWN	-0.90 metres OD
MLWS	-3.00 metres OD

Area 1 Quay

Water Depth at Quay	4.9 m to 9 m mean
Frontage	180 m straight
Load Bearing Capacity	350 kN/m ²
Weight Capacity	30,000 tonnes approx. (capable of increase)
Construction	Steel piled frontage with consolidated hardcore surface. Concrete pads inset at quay edge for crane standing during pile loadouts.

Area 2 Quay

Water Depth at Quay	9 m mean
Frontage	165 m straight
Load Bearing Capacity	350 kN/m ²
Weight Capacity	30,000 tonnes approx. (capable of increase)



Loadout Facilities

Loadout Facilities are similar for Area 1 and Area 2.

Units outwith the capacity of cranes are skidded onto barges using winches, multi-wheeled bogies or hydronautic gear as the motive power. Tilt beams or ramps are used for the transition between barge and construction areas.

Material Storage Areas

Steel Stockyard 17,000 m² - uncovered.

Client Equipment Parts Stores

For the storage and preservation of equipment and parts, we have 1 No. permanent portal frame buildings, 30 m wide x 60 m long x 6 m to eaves.

Central Store

1,600m², covered and heated. Permanent building used solely for storage purposes and staffed during working hours and services by fork lift and pallet trucks.

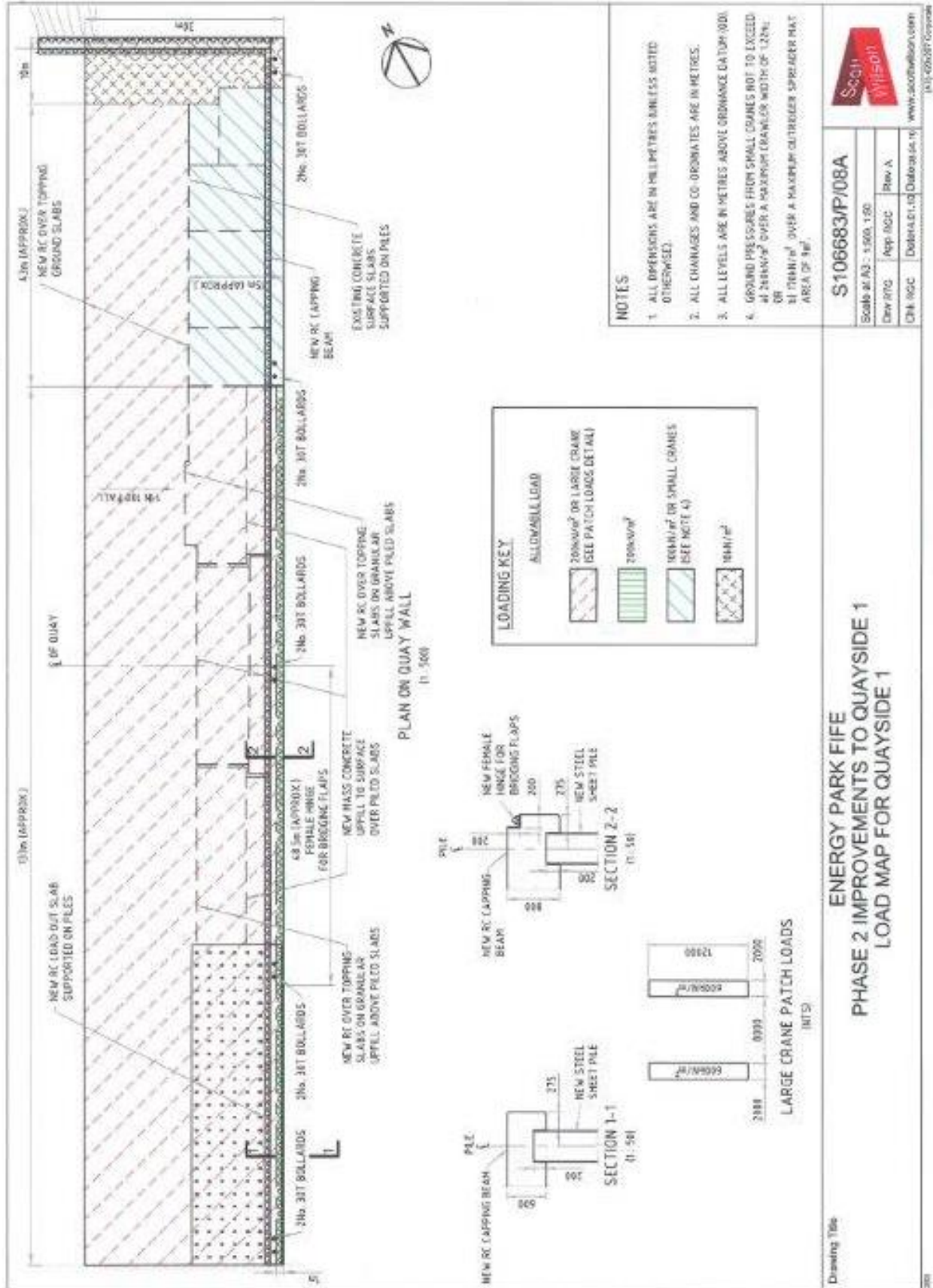
Transportation Restrictions

Maximum dimension of Vessels in Methil Docks are 102 m long x 14.3 m beam x 5.8 m draught (at neap tide).

As the Methil Yard has a private road from Methil Docks into the Yard, any cargo can be transported to or from the Docks without restrictions normally imposed by DOE requirements. The private road also enables us to utilise heavy crawler cranes for loading purposes and heavy transporters for movement of cargo.

Yard Layout Drawings

Construction facilities plus yard layouts are attached overleaf.





FIFE ENERGY PARK

QUAYSIDE 2 LOADING CAPACITY DETAILS AND PROPOSED CROSS SECTION

PLAN

RAMBOLL

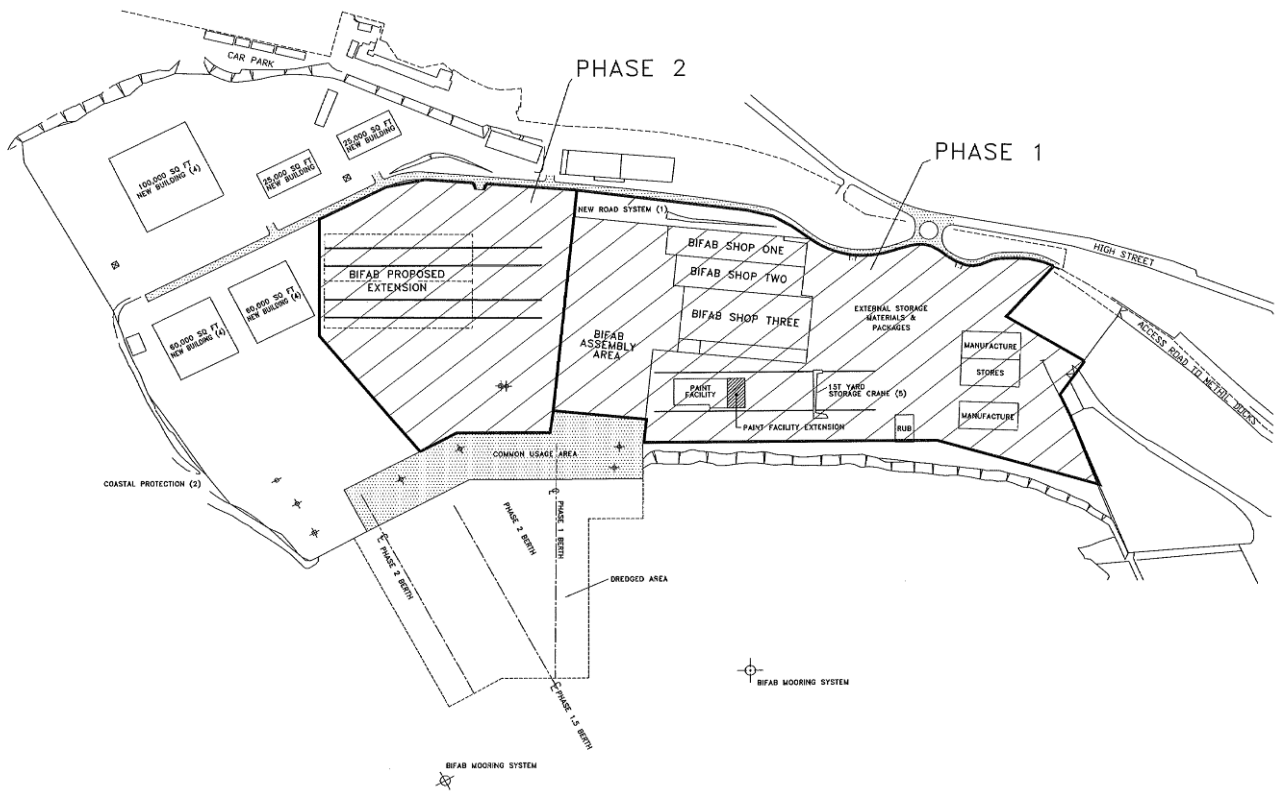
1-800-333-4675 Fax 311 551-4348
www.dynalene.com
www.henkel.com

SECTION A-A
VERTICAL SCALE

TENDER

AS SHOWN IN 2A3	DATE: JUNE 2011
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7761/C/200



Methil Facility Overview



ARNISH FACILITIES

YARD LOCATION AND FACILITIES

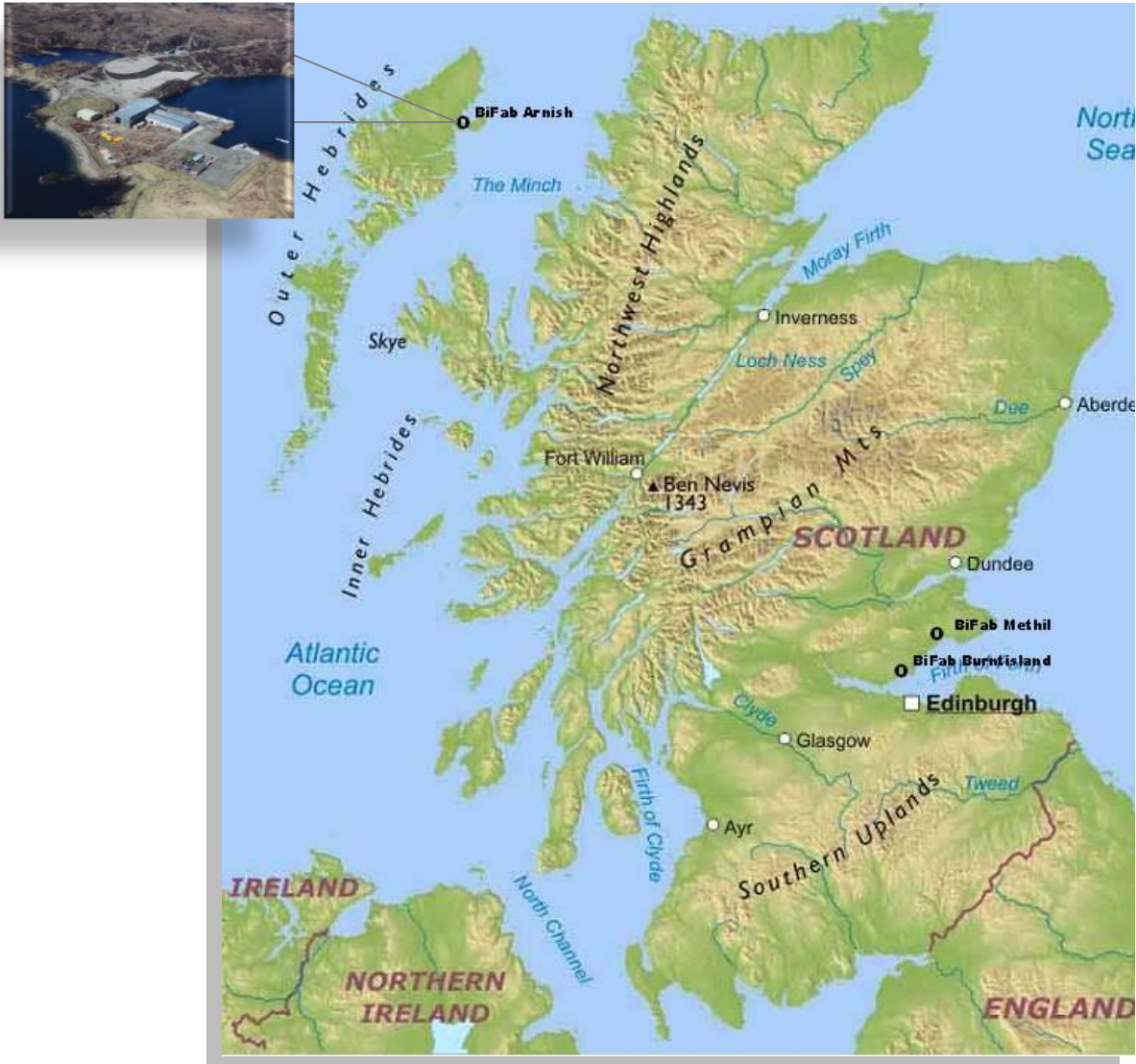
LOADOUT/QUAYSIDE/DOCK AREAS

SAILAWAY DETAILS



BURNTISLAND FABRICATIONS LTD

BiFab Facilities



YARD LOCATION AND FACILITIES

A detailed description of the available facilities including site dimensions, layout, fabrication and rolling capacity, and loadout options is given below.

Location and Transport Facilities

Address: Burntisland Fabrications Ltd
Arnish Point Industrial Estate
Stornoway
Isle of Lewis
Outer Hebrides
HS2 9JZ

Phone (+44) 01851 707180
Fax (+44) 01851 705529

Facilities

Arnish Point is a 38 hectare development site located on the North West coast of Scotland, on the Isle of Lewis. Arnish Point offers a deep water quay, which is entirely suitable for the Oil & Gas and Renewables industries. With unrestricted access to Atlantic and North Channel, Arnish has proved itself as a successful facility for shipment of materials and completed fabricated components.



BiFab Arnish Facility



Facilities and Services

The site is contained within a secured 21,000m² area with purpose built fabrication and assembly halls including fully equipped client, project and administration office facilities.

5.5 bar water supply through 125mm main, distributed around the site via 90mm diameter feeder, 11,000 volts, 50Hz electric ring main configuration with a maximum capacity of 5MW. Back-up supply of 3MW is available.

Each assembly hall is equipped with overhead craneage and Bay 2 is equipped with rail mounted bogies for movement of Rolled and Welded pipes and major sub-assemblies.

In addition there is an integrated purpose-built climate controlled shotblasting and coating facility, which allows us to achieve the high specification coating standards necessary for the extended maintenance-free lives of offshore structures.



Covered Assembly Area	11,000 m ²
Open Assembly Area	10,000 m ² (within a defined secure fenced perimeter)
Main Assembly Hall	113m x 28m x 23m
Quay Length	106.14m
Water Depth	6.5m at LAT

At the top of the quay is located a tidal berthing pad with end and side bench loadout platforms used in the past for grounded load-outs of structures up to 4,000 tonnes onto ballast dumb barges. Essentially you can have a 62.870m wide unobstructed area for ease of access on/off to barge.

Fabrication Shops

BiFab can roll steel plate (Grade S355) up to 150mm in thickness and plate widths of 4.0m. Tubes of up to 7.0m diameter can be rolled and single tube lengths of 100m can be accommodated in the main hall.





Fabrication Bay No. 1

Width:	30 Metres
Length:	100 Metres
Height:	9 Metres
Craneage:	3 No. overhead cranes @ 20 tonnes capacity
Hook Height:	7.70 Metres

Fabrication Bay No. 2

Width:	30 Metres
Length:	100 Metres
Height:	9 Metres
Craneage:	2 No. overhead cranes @ 30 tonnes capacity 1 No. overhead crane @ 20 tonnes capacity
Hook Height:	7.50 Metres

Main Fabrication Hall

Width:	38 Metres
Length:	113 Metres
Height:	23 Metres
Craneage:	2 No. overhead cranes @ 80 tonnes capacity (twin 40 tonne hooks) for tandem lifts 1 No. overhead crane @ 60 tonnes capacity
Hook Height:	18.00 Metres

Plate, Rolling and Bending Equipment.

The facility currently uses 2 vertical plate rollers and 2 horizontal plate roller for producing the rolled cans for section building. CNC profiling is used to prepare plates for fabrication/rolling:



Rolling:	DAVI MCB3090 Horizontal Rolling Machine
Rolling:	Hugh Smith 1200 Vertical Rolling Machine
Rolling:	Hugh Smith 5000 Vertical Rolling Machine
Rolling:	Roundo PAS600 Horizontal Rolling Machine
Plate:	ESAB Suprarex SXE-P 4 headed programmable plate profile cutting machine.



Paint Facilities.

The self-contained paint facilities at the Arnish Point site - that was once a blast shed (as such has a steel floor), is fully equipped to shot blast and paint to standard offshore paint systems and thermal spray aluminium systems. The shop is temperature controlled and has ventilation and dust extraction systems.

Width: 28.5 Metres

Length: 40 Metres

Door opening: 26.9 Metres



Local Resources

The Outer Hebrides offers a significant experienced and adaptable workforce through a managed database of some 200 personnel offering highly relevant skills for the Oil & Gas and Renewables supply chain activities.

A wide range of local supply chain businesses are available to support manufacturing at BiFab Arnish offering services such as crane hire, diving, shipping agency, transportation, precision engineering, fabrication and material/equipment supplies.



ACCESS DETAILS

Access by Road/Sea (RO-RO)

Passenger, Car and Cargo can be transported from Inverness Port, via Ullapool direct into Stornoway.

Access by Rail

There is no direct rail link to the Isle of Lewis. The Nearest Rail Main Line Station is Mallaig (Mainland). A ferry port is also located at Mallaig for direct sea access to the Isle of Lewis.

Access by Air

There are numerous daily return air services from London, Glasgow, Edinburgh, Aberdeen and Inverness to the Stornoway Airport, Isle of Lewis.

Car Hire

Car and van rental is available at the Airport and advance booking is advised.

Taxis

Taxis are available at the airport and booking in advance is advised.

Public Transport

The airport bus service to Stornoway runs at regular intervals throughout the day Monday to Saturday. Please contact 01851 702256 for timetable information.



LOADOUT / QUAYSIDE / DOCK AREAS

The BiFab Arnish Yard has direct and unrestricted access to the Atlantic and North Channel and capable of accepting large ocean going vessels.

The yard is equipped with 2 x Nicolas self propelled transporters' vehicles capable of delivering completed units of up to 408 tonnes to our quayside for export. A permanent heavy-lift crawler crane with a capacity of 400 tonnes was installed at our quayside in 2007 and for this purpose there are no horizontal overhead clearances or legal restrictions.

Underkeel clearances are governed by the state of the tide and the draught of the barge. All previous loadouts have maintained adequate clearance without fear of damage to the barge keel due to grounding.

The Arnish facility has 100m of sheltered modern quayside, specially strengthened to withstand our export loadings with 6.5m of water alongside at LAT. 2.0m at Neap Tide * and 5.0m range at Springs Tides**. The two fenders at the top of the quay extend above the quayside by 300mm. All other fenders are flush with the top of the quay.

All the mooring bollards are removable.

Access to the open sea is less than 0.5 nautical miles away from the quayside.

The Admiralty provide safe and accurate marine navigational information of the waters in/and around Isle of Lewis. Stornoway Port Authorities operate the quay facilities and provide a range of marine services such as tying up/letting go for shipping.



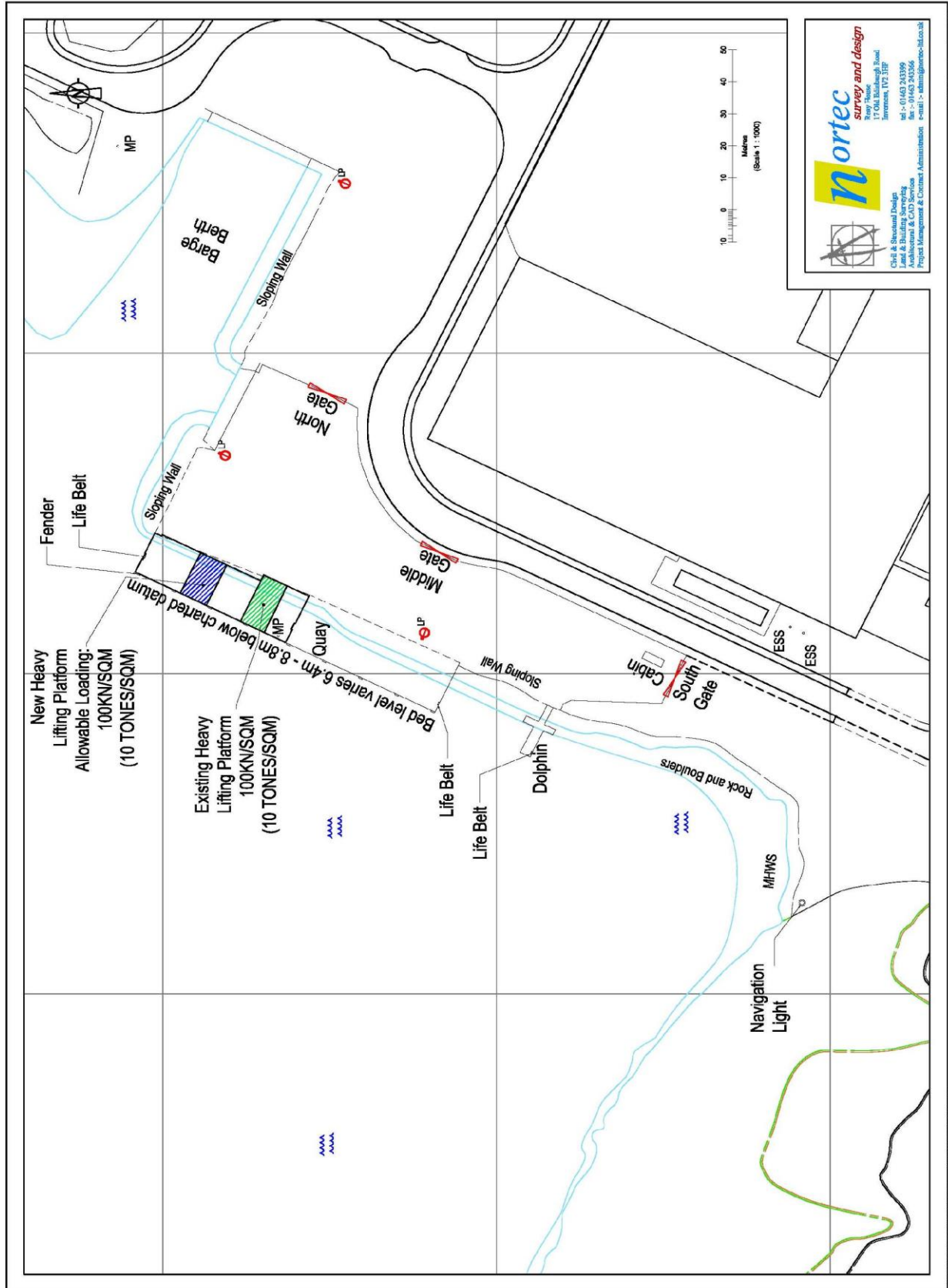
Water Depths at Arnish Yard Quay

Tidal Information

LAT	6.5 m on average
Tidal Range	2.5m
Minimum channel width to open sea	720m
Minimum water depth in channel	12m LAT
Distance from quayside to open sea	0.5 nautical miles

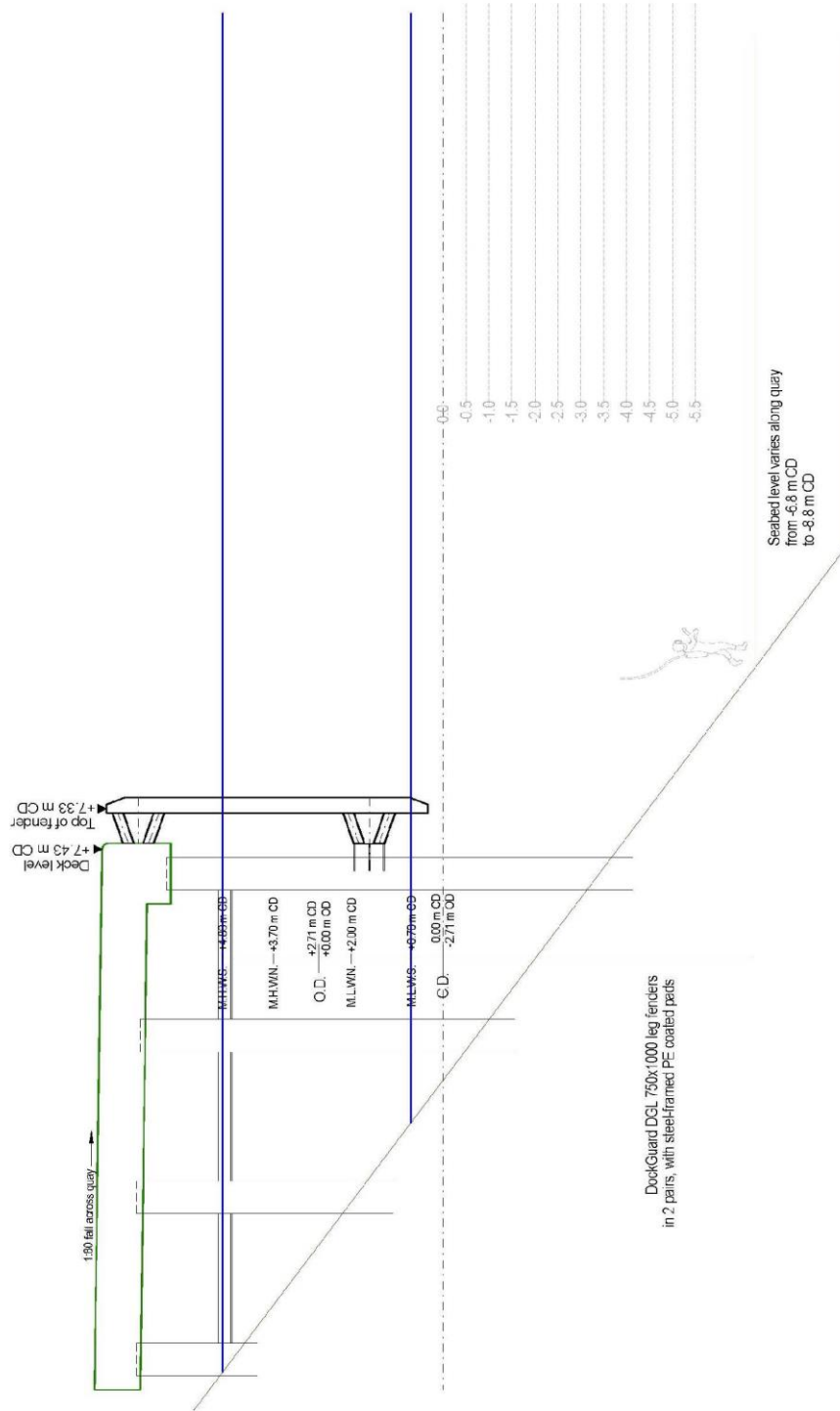
Quay Area

Water Depth at Quay	6.5 m LAT
Frontage	100 m straight
Weight Capacity	3,000 tonnes approx.
Construction	Steel piled structure with a reinforced concrete surface of 100m length. Additional mooring is in place for vessels lengths exceeding 100m





Note:
Fenders away from flush edge
are set 370 mm higher





Loadout Facilities

Units outwith the capacity of cranes are skidded onto barges using multi-wheeled trailers or bogies. Tilt beams or ramps are used for the transition between barge and construction areas.

Vessels loading or discharging at Stornoway [Arnish Quay][58 11.4N, 006 22.7W]

1. The quay is a concrete structure 100m in length with rubber fendering able to accommodate vessels of up to 120m with a maximum draught at LAT of 6.2m and is 6 miles by road from the town. Potable water is not available at this quay.
2. Pilotage is not compulsory but is available if required. If required where possible 24 hrs notice should be given and confirmed 2 hrs before arrival.
3. Irrespective of Pilotage requirements kindly notify 'Stornoway Harbour Radio' on VHF Ch 16/12, 2 hours before arrival when Port Authority watchman will confirm berthing arrangements/Pilotage plan
4. Please be aware that the ferry 'Isle of Lewis' departs Stornoway for Ullapool at 0700 and 1350 daily and arrives at 1310 and 2020 and is given priority regarding harbour movements. On Sundays the ferry departs at 1430 returning at 2100.
5. Prior Notification Form, Pre-arrival Security Information Form [ISPS] and Ship's Waste Notification are all required by e-mail to agent at least 24 hrs in advance of arrival as is the Crewlist.
6. Relevant Port Authority forms as in para 5 will be e-mailed to you separately should you so require.
7. If you arrive from another UK port there is no need for HMRC forms but for arrivals from outwith UK/NI Customs forms IMO FAL 1, 3, 4, 5 are required preferably by e-mail in advance to ensure speedy Report/Clearance
8. The port of Stornoway is fully ISPS compliant.
9. The relevant chart is BA 2529

Material Storage Areas

Steel Stockyard 10,000 m² - uncovered.

Client Equipment Parts Stores

For the storage and preservation of equipment and parts, we have a dedicated covered equipment warehouse 40m x 40m 10m

Central Store

16m x 40m x 5m heated store with palletized shelving and separate heated container for controlled environment needs.

Material storage area 10,000 m² uncovered, within a defined secured fenced perimeter area.

Transportation Restrictions

There are no road restrictions other than the Ferry door openings and load lengths. See undernoted information on local Ferry heights and widths restriction.

<u>Ferry</u>	<u>Max. height</u>	<u>Max. width</u>
Isle of Lewis	4.75m	4.24m
MV Hebrides	4.80m	4.65m Bow 4.75m Stern
MV Muirneag	4.50m	4.20m
Low Loader	Normal height from the ground	0.860m
Extra low Height		0.457m