

Adran yr Economi a'r Seilwaith
Department for Economy and Infrastructure



Llywodraeth Cymru
Welsh Government

Appendices to Scheme Evidence Update

Matthew Jones BEng (Hons), CEng, MICE

Welsh Government, Chief Witness

Document Reference: WG 1.1.9

Appendix A:

Existing Port Plan:

M4CaN-DJV-GEN-Z3_GEN-DR-CX-0009

Port Land Parcels:

M4CaN-DJV-GEN-Z3_GEN-SK-CX-0009

ABP and Tenant Relocation Proposals Rev20:

M4CaN-DJV-GEN-Z3_GEN-SK-CX-0012

Newport Docks Existing and Proposed Common User Storage Area:

M4CaN-DJV-GEN-Z3_GEN-SK-CX-0013

ABP and Tenant Relocation Sequencing of Works:

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0015

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0016

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0017

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0018

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0019

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0021

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0022

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0023

M4CaN-DJV-GEN-ZG_GEN-SK-CX-0024

DO NOT SCALE

100
0 10
Millimetres



© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau cronfa ddata? Goron 2017. RfH
Twydded y'r Arweinyddiaid 100021874.

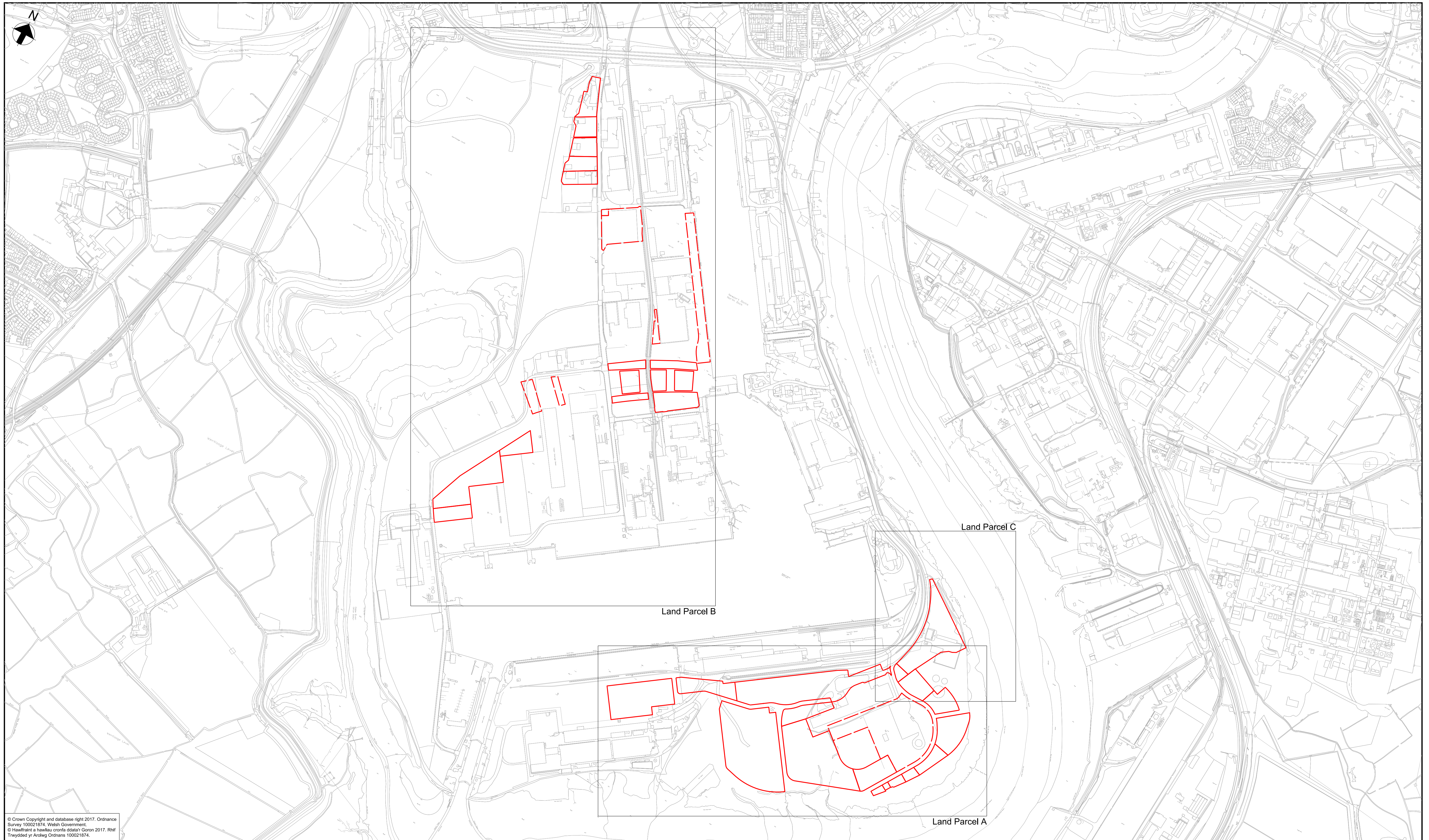
Reference	Tenant/Landowner
A	Small Boat Users
B	ABP Central Workshops
C	Medical Centre
D	Common Storage Area
E	CJN Engineering
F	Hedland Engineering
G	ABP Plant Compound
H	Former ABP Site Office
I	International Timber Terminal
J	Sims Metal
K	Origin Fertilizer Terminal
L	10 Shed (Dowds)
M	Ma's Ba Café
N	JED Crushing and Screening
O	Laidlaw
P	R Williams Transport
Q	Bridge Time
R	Ronnie Evans
S	Scott Pallets
T	Road Maintenance Services Ltd (RMS Ltd)
U	Asset International Site
V	Site Licensed to Newport County Council
W	LDH Hire
X	New Adventure Travel
Y	Baldwin's Crane Hire
Z	R. C. Marshalls
AA	Vacant Compound
BB	NR Evans
CC	A1 Skips
DD	Western Gateway
EE	Allocated Development: Bulk Drying Pelleting CHP Facility
FF	Allocated Development: Vacant Plot
GG	W. E. Dowds (North Dock Steel Terminal)
HH	C. H. Bailey
II	Stores
JJ	Tug Berth
KK	East Way Road
LL	West Way Road
MM	Tom Lewis Way
NN	Middle Quay Access
OO	Parking Area
PP	South Dock Railway Link
QQ	Sims Metal Railway Link
RR	Electrical Substation
SS	SMS Towing
TT	3 Shed
UU	4 Shed
VV	North Dock Road
WW	North Dock Timber and Forest Products Importers
XX	Marine Shipping
YY	Saica Packaging
ZZ	Hargreaves

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DO NOT SCALE

Millimetres

0 10 100





© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau cronfa ddata'r Goron 2017. Rhif Trwydded yr Arolwg Ordnans 100021874.

Legend

 Land Parcel
 Plot Boundary

P01	10/08/17	First Issue	RPL	PDA	G
P02	19/10/17	October 2017 Evidence Update	PDA	PDA	S
P03	15/12/17	Third Issue	GMO	SW	G
Rev.	Date	Description	By	Chk'd	Apt

Drawing Status		Sustainability		Project Title				
FOR INFORMATION		S2		M4 CORRIDOR AROUND NEWPORT				
Project Team				Drawing Title				
				PORT LAND PARCELS				
Client				Scale	Designed / Drawn	Checked	Approved	Authorised
				1:5000	GMO	SW	GRD	GRD
 Llywodraeth Cymru Welsh Government				Original Size	Date	Date	Date	Date
				A1	15/12/17	15/12/17	15/12/17	15/12/17
 Llywodraeth Cymru Welsh Government				Drawing Number				Revision
				Project				Volume
				M4CaN - DJV - GEN - Z3_GEN - SK - CX - 0009				P03
				Location	Type	Role	Number	

ABP Common Storage User Area Reference	Area (m ²)
A1a	6,753
A1b	5,055
A1c	16,152
A1d	13,114
A1e	4,212

Legend:

- Existing 85m Wind Turbine (126m to blade Tip) (Tr)
- Title Land
- CPO Extent
- Extent of Proposed Plot Relocation
- Proposed Location of Relocated Building
- Weighbridge
- Marine Site Compound
- Limit of Deviation - Alexandra Docks and Railway Act 1904

Map Callouts:

- Part of land used to compensate for temporary loss of office or storage space of tenants located along West Way Road during construction of Scheme or relocation works (if needed)
- Wright Minimix - unaffected
- Vacant plot to be used as temporary storage for International Timber.
- New handstanding areas to be provided below bridge to allow International Timber to store materials under restrictions
- Removal of canopy and make good northern gable
- Potential rail corridors below viaduct, in-between piers.
- New gable end to be installed on existing building
- Permanent diversion route of Tom Lewis Way at end of Scheme
- Severed Land to be acquired by Welsh Government
- Permanent diversion route of Tom Lewis Way at end of Scheme
- Potential for ABP to install Common User Storage Area in Future
- Estimated extent of compound for marine works prior to start of construction works of the Common User Storage Areas
- New 303m length of quay to be built in two phases
- Dredging Extent
- Virtual Trip Wire System
- Existing Sea Lock
- SAICA Packaging
- 250m re-purposing of existing length of quay behind existing crane rail
- Estimated extent of compound for marine works prior to start of construction works of the Common User Storage Areas
- Indicative extent of retaining structure
- Atlantic Shed access to be maintained
- New access road to buildings located south of South Dock
- Maintenance access to wind turbine to be gained through Hargreaves site (as existing arrangement)
- Spatial provision for potential road corridor.
- New junction and level crossing to allow for mobile harbour crane movements
- Wind Turbine Topple Zone
- Wind Turbine Rotor Zone
- Access gate to allow maintenance access to the wind turbine
- New crane maintenance area
- Former ABP Stores
- Temporary relocation of SMS Towage (Ref A10) building, berths and facilities during construction of Scheme
- Middle quay access to be diverted to accommodate Scheme
- New footway to be installed to allow access to existing jetties
- New parking bays to be accommodated within extent of CPO for small boat users and C. H. Bailey
- Bridge protection measures including a narrowing of the eastern side of the extended southern end of Junction Cut
- Estimated extent of compound for marine works to start construction of eastern bridge protection measures
- New swing bridge
- Estimated extent of compound for marine works.
- Existing quayside to be used as temporary International Timber storage area. Existing access road will be narrowed to 5.5m wide.
- Potential level crossing location subject to review of existing ground profile
- New crane maintenance area.
- Western Gateway to be relocated south
- Southern Distributor Road
- North Dock Link Road
- East Way Road
- Junction Cut
- Shed 1, Shed 2, Shed 2A, Shed 3, Shed 4, Shed 5, Shed 5A, Shed 5B, Shed 6, Shed 7, Shed 7A, Shed 8, Shed 9, Shed 9A, Shed 9B, Shed 9C, Shed 10, Shed 11A, Shed 11
- South Dock
- Potential handstanding area for Dowds Offices and weighbridge
- Existing electrical sub-station to be accommodated within Scheme
- Potential for ABP to revert fully back to their original location within this area to facilitate as storage areas as an alternative to areas identified as A1.
- Permanent location of SMS Towage (Ref A10) building, berths and facilities will be constructed upon completion of Scheme

Inset Map:

International Timber Building | 2m Pedestrian Circulation Route | 24.3m International Timber Storage Area | 3m Quay offset | North Dock

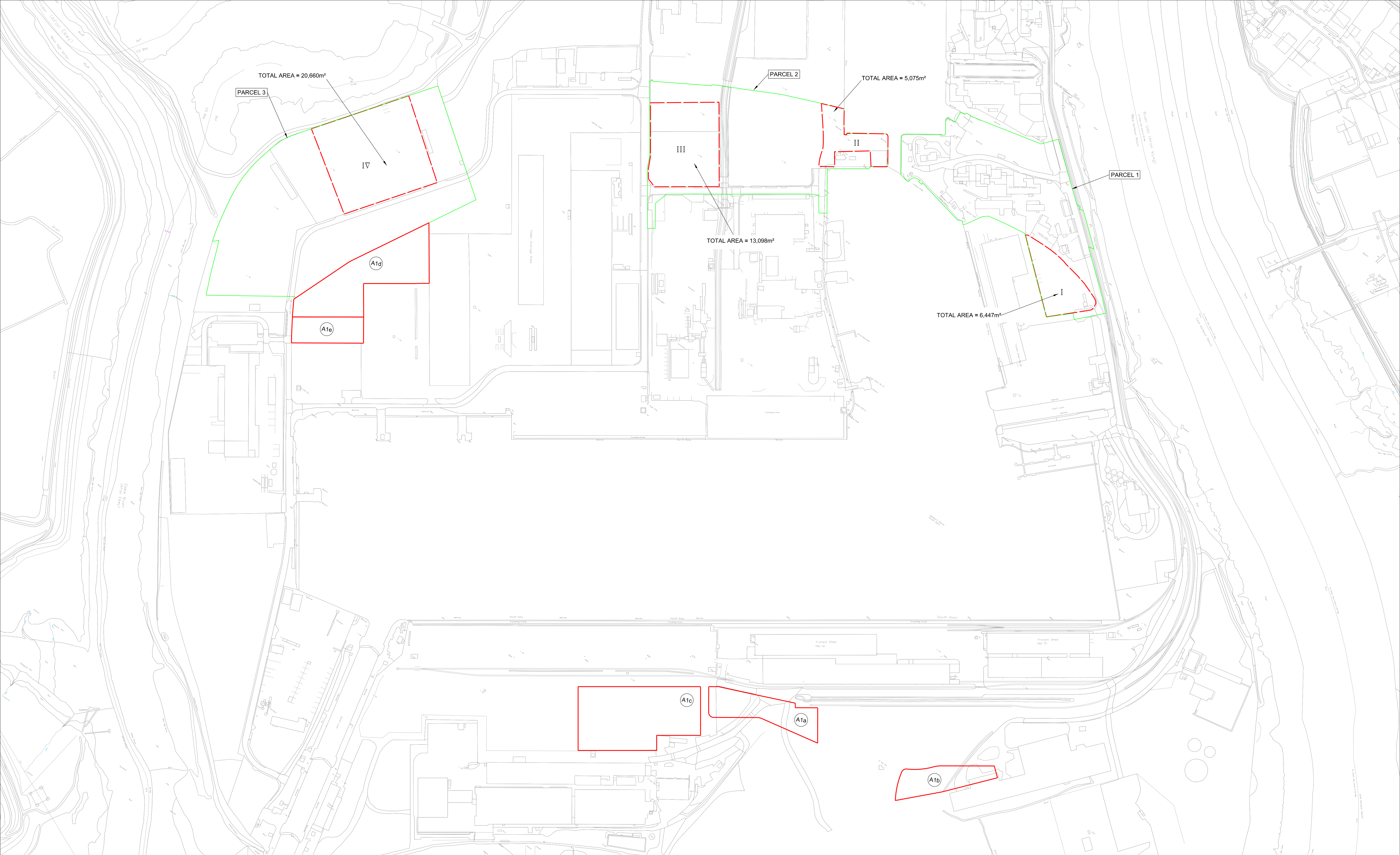
ABP and Tenant Relocation Proposals (Rev 20)

Scale: 1:5000 at A1

M4CaN-DJV-GEN-Z3 GEN-SK-CX-0012 Rev P01.6

ABP and Tenant Relocation Proposals (Rev 20)

Scale: 1:5000 at A1



- KEY.
- PROPOSED COMMON USER STORAGE AREA (CUSA)
 - EXISTING COMMON USER STORAGE AREA (CUSA)
 - M4CaN WORK PARCEL

	EXISTING COMMON STORAGE USER AREA REFERENCE	PROPOSED CUSA	
		REFERENCE	AREA (m²)
PARCEL 1	6,447	A1b, A1c + A1d	34,315
PARCEL 2	18,173		
PARCEL 3	20,660	A1a + A1e	10,965

ABP COMMON STORAGE USER AREA REFERENCE	PROPOSED AREA (m²)
A1a	6,753
A1b	5,053
A1c	16,148
A1d	13,114
A1e	4,212
Total	45,280

EXISTING COMMON STORAGE USER AREA REFERENCE	EXISTING AREA (m²)
I	6,447
II	5,075
III	13,098
IV	20,660
Total	45,280

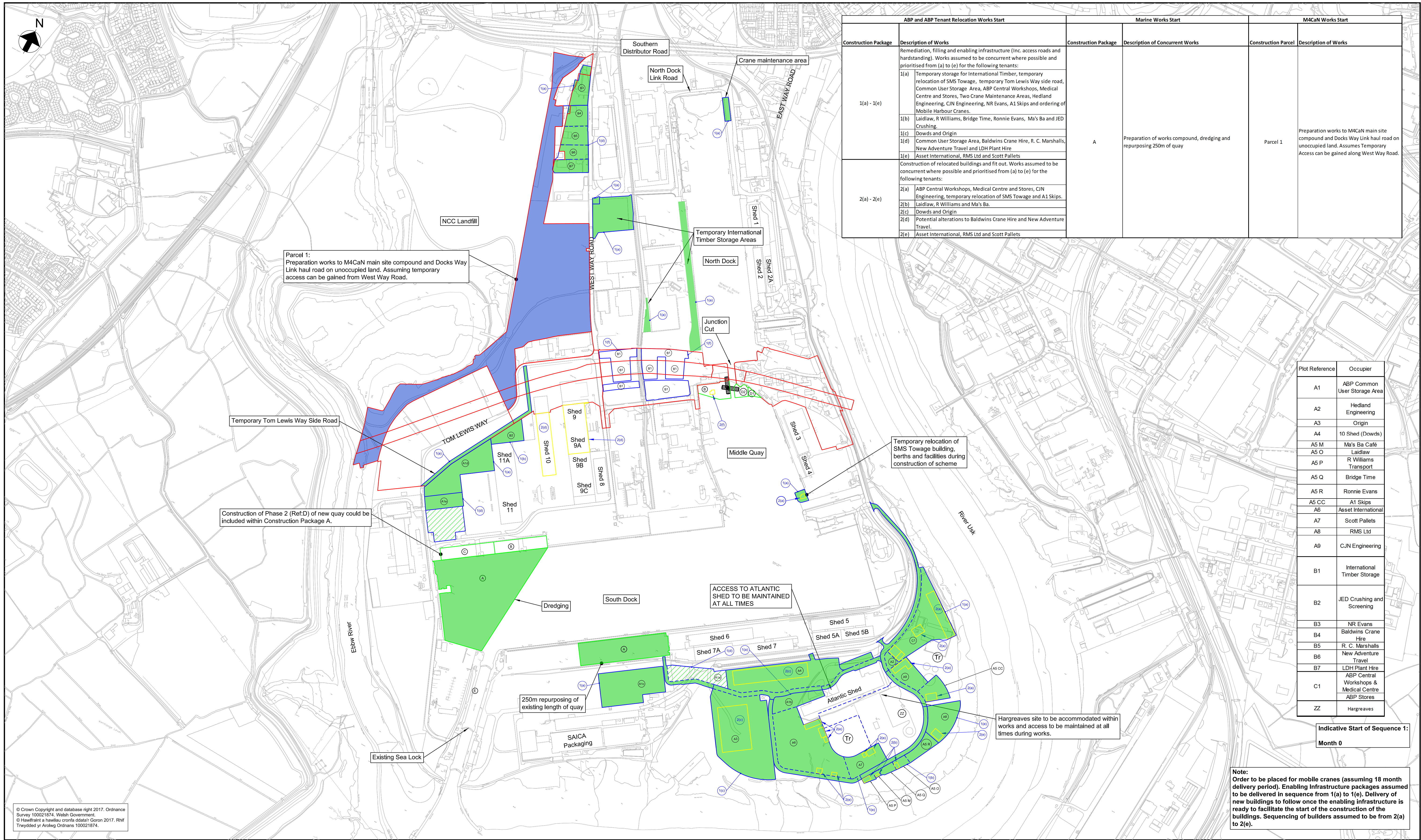
DO NOT SCALE

Millimetres

0

10

100



© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau corffora ddolaf Goron 2017. RHI
Twydded yf Arwydd Ordnance 100021874.

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.
4. TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTEGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.

LEGEND

- EXISTING 85m WIND TURBINE (126m TO BALDE TIP)
- ENABLING INFRASTRUCTURE PARCEL
- BUILDING WORKS ENVELOPE
- MARINE WORKS PARCEL
- M4CaN WORKS PARCEL
- PACKAGE 1 OF MARINE AND RELOCATION WORKS
- M4CaN WORKS START
- EXTENT OF LAND TO BE USED AS MARINE WORKS COMPOUND

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
(Enter "None" if applicable)

Maintenance / Cleaning
(Enter "None" if applicable)

Use
(Enter "None" if applicable)

Decommissioning / Demolition
(Enter "None" if applicable)

P01	20/11/17	First Issue	DAS	SW	GRD
P02	29/11/17	Second Issue	DAS	SW	GRD
P03	15/12/17	Third Issue	GMO	SW	GRD
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status
FOR INFORMATION

Suitability
S2

Project Title
M4 CORRIDOR AROUND NEWPORT

Project Team

Drawing Title
**ABP AND ABP TENANT RELOCATION
SEQUENCING OF WORKS
SEQUENCE 1 OF 9**

Client



Llywodraeth Cymru
Welsh Government

Scale 1:5000	Designed / Drawn GMO	Checked SW	Approved GRD	Authorised GRD
Original Size A1	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17

Drawing Number Project	Originator M4CaN - DJV - GEN - ZG_GEN - SK - CX - 0015	Volume P03
Location	Type	Role
		Number

DO NOT SCALE

Millimetres

0 10

100



Completed Work Packages (extent shown on drawing)
Dredging
Temporary storage for International Timber (9,860m² approx.)
Mobile Harbour Cranes Ordered

NCC Landfill

Southern Distributor Road

North Dock Link Road

Crane maintenance area

EAST WAY ROAD

North Dock

Temporary International Timber Area

Junction Cut

Plot extents = 6747m²

Middle Quay

Temporary relocation of SMS Towage building, berths and facilities during construction of scheme

Temporary Tom Lewis Way Side Road

Construction of Phase 2 (Ref:D) of new quay could be included within Construction Package A.

New 150m length of quay

Dredging

South Dock

Existing Sea Lock

250m repurposing of existing length of quay

SAICA Packaging

Shed 5

Shed 5A

Shed 5B

Shed 6

Shed 7A

Shed 7

Shed 8

Shed 9

Shed 9A

Shed 9B

Shed 9C

Shed 10

Shed 11

Shed 11A

Shed 11B

Shed 11C

Shed 11D

Shed 11E

Shed 11F

Shed 11G

Shed 11H

Shed 11I

Shed 11J

Shed 11K

Shed 11L

Shed 11M

Shed 11N

Shed 11O

Shed 11P

Shed 11Q

Shed 11R

Shed 11S

Shed 11T

Shed 11U

Shed 11V

Shed 11W

Shed 11X

Shed 11Y

Shed 11Z

Shed 11AA

Shed 11AB

Shed 11AC

Shed 11AD

Shed 11AE

Shed 11AF

Shed 11AG

Shed 11AH

Shed 11AI

Shed 11AJ

Shed 11AK

Shed 11AL

Shed 11AM

Shed 11AN

Shed 11AO

Shed 11AP

Shed 11AQ

Shed 11AR

Shed 11AS

Shed 11AT

Shed 11AU

Shed 11AV

Shed 11AW

Shed 11AX

Shed 11AY

Shed 11AZ

Shed 11BA

Shed 11BB

Shed 11BC

Shed 11BD

Shed 11BE

Shed 11BF

Shed 11BG

Shed 11BH

Shed 11BI

Shed 11BJ

Shed 11BK

Shed 11BL

Shed 11BM

Shed 11BN

Shed 11BO

Shed 11BP

Shed 11BQ

Shed 11BR

Shed 11BS

Shed 11BT

Shed 11BU

Shed 11BV

Shed 11BW

Shed 11BX

Shed 11BY

Shed 11BZ

Shed 11CA

Shed 11CB

Shed 11CC

Shed 11CD

Shed 11CE

Shed 11CF

Shed 11CG

Shed 11CH

Shed 11CI

Shed 11CJ

Shed 11CK

Shed 11CL

Shed 11CM

Shed 11CN

Shed 11CO

Shed 11CP

Shed 11CQ

Shed 11CR

Shed 11CS

Shed 11CT

Shed 11CU

Shed 11CV

Shed 11CW

Shed 11CX

Shed 11CY

Shed 11CZ

Shed 11DA

Shed 11DB

Shed 11DC

Shed 11DD

Shed 11DE

Shed 11DF

Shed 11DG

Shed 11DH

Shed 11DI

Shed 11DJ

Shed 11DK

Shed 11DL

Shed 11DM

Shed 11DN

Shed 11DO

Shed 11DP

Shed 11DQ

Shed 11DR

Shed 11DS

Shed 11DT

Shed 11DU

Shed 11DV

Shed 11DW

Shed 11DX

Shed 11DY

Shed 11DZ

Shed 11EA

Shed 11EB

Shed 11EC

Shed 11ED

Shed 11EE

Shed 11EF

Shed 11EG

Shed 11EH

Shed 11EI

Shed 11EJ

Shed 11EK

Shed 11EL

Shed 11EM

Shed 11EN

Shed 11EO

Shed 11EP

Shed 11EQ

Shed 11ER

Shed 11ES

Shed 11ET

Shed 11EU

Shed 11EV

Shed 11EW

Shed 11EX

Shed 11EY

Shed 11EZ

Shed 11FA

Shed 11FB

Shed 11FC

Shed 11FD

Shed 11FE

Shed 11FF

Shed 11FG

Shed 11FH

Shed 11FI

Shed 11FJ

Shed 11FK

Shed 11FL

Shed 11FM

Shed 11FN

Shed 11FO

Shed 11FP

Shed 11FQ

Shed 11FR

Shed 11FS

Shed 11FT

Shed 11FU

Shed 11FV

Shed 11FW

Shed 11FX

Shed 11FY

Shed 11FZ

Shed 11GA

Shed 11GB

Shed 11GC

Shed 11GD

Shed 11GE

Shed 11GF

Shed 11GG

Shed 11GH

Shed 11GI

Shed 11GJ

Shed 11GK

Shed 11GL

Shed 11GM

Shed 11GN

Shed 11GO

Shed 11GP

Shed 11GQ

Shed 11GR

Shed 11GS

Shed 11GT

Shed 11GU

Shed 11GV

Shed 11GW

Shed 11GX

Shed 11GY

Shed 11GZ

Shed 11HA

Shed 11HB

Shed 11HC

Shed 11HD

Shed 11HE

Shed 11HF

Shed 11HG

Shed 11HH

Shed 11HI

Shed 11HJ

Shed 11HK

Shed 11HL

Shed 11HM

Shed 11HN

Shed 11HO

Shed 11HP

Shed 11HQ

Shed 11HR

Shed 11HS

Shed 11HT

Shed 11HU

Shed 11HV

Shed 11HW

Shed 11HX

Shed 11HY

Shed 11HZ

Shed 11IA

Shed 11IB

Shed 11IC

Shed 11ID

Shed 11IE

Shed 11IF

Shed 11IG

Shed 11IH

Shed 11II

Shed 11IJ

Shed 11IK

Shed 11IL

Shed 11IM

Shed 11IN

Shed 11IO

Shed 11IP

Shed 11IQ

Shed 11IR

Shed 11IS

Shed 11IT

Shed 11IU

Shed 11IV

Shed 11IW

Shed 11IX

Shed 11IY

Shed 11IZ

Shed 11JA

Shed 11JB

Shed 11JC

Shed 11JD

Shed 11JE

Shed 11JF

DO NOT SCALE

Millimetres

0

10

100



Completed Work Packages (extent shown on drawing)
Dredging
Relocation of Western Gateway
Temporary Storage for International Timber (22,131m ² approx.)
Common User Storage Areas Ref. A1c, A1b and A1d (34,735m ² approx.)
Temporary relocation of SMS Towing, Tom Lewis Way Side Road, ABP Central Workshops, Medical Centre and Stores, Two Crane Maintenance Areas, Hedland Engineering, CJN Engineering, NR Evans and A1 Skips.
Laidlaw, R Williams, Bridge Time, Ronnie Evans, Ma's Ba and JED Crushing.
Mobile Harbour Cranes Delivered
150m of new quay and repurposing 250m of quay

Parcel 2:
Construction works cannot commence until the completion of the construction packages shown are complete and Western Gateway relocated South.

Parcel 2:
M4 construction works cannot commence until the completion of the construction packages shown and access to Sims metal adjusted to suit.

Parcel 2:
M4 construction works cannot commence until the construction packages shown are complete.

Construction of Phase 2 (Ref:D) of new quay could be included within Construction Package A.

Parcel 2:
M4 construction works cannot commence until the construction packages shown are complete. Spatial allowance will be provided for marine works compound within parcel.

Temporary relocation of SMS Towing building, berths and facilities during construction of scheme


© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau cronfa ddata? Goron 2017. Rhif Trewyddid y'r Awdurdod Ordnance 100021874.

- GENERAL NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
 - THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.
 - TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTERGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.

LEGEND
EXISTING 85m WIND TURBINE (126m TO BALDE TIP)
ENABLING INFRASTRUCTURE PARCEL
BUILDING WORKS ENVELOPE
MARINE WORKS PARCEL
M4CaN WORKS PARCEL
COMPLETED PACKAGE OF WORKS
PACKAGE 3 OF MARINE AND RELOCATION WORKS
M4CaN WORKS (ONGOING)
MARINE AND RELOCATION WORKS (ONGOING)
PREPARATION AND USE OF MARINE WORKS COMPOUND (EXTENT INDICATIVE)
M4CaN WORKS START

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).
Construction (Enter "None" if applicable)
Maintenance / Cleaning (Enter "None" if applicable)
Use (Enter "None" if applicable)
Decommissioning / Demolition (Enter "None" if applicable)

P01	20/11/17	First Issue	DAS	SW	GRD
P02	29/11/17	Second Issue	DAS	SW	GRD
P03	15/12/17	Third Issue	GMO	SW	GRD
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	FOR INFORMATION	Subsidiary	S2	Project Title	M4 CORRIDOR AROUND NEWPORT
Project Team	ABP AND ABP TENANT RELOCATION SEQUENCING OF WORKS SEQUENCE 3 OF 9				
Client	 Llywodraeth Cymru Welsh Government				
Scale	1:5000	Designed / Drawn	GMO	Checked	SW
Original Size	A1	Date	15/12/17	Approved	GRD
Drawing Number	Project	Originator	Volume	Date	15/12/17
M4CaN - DJV - GEN - ZG_GEN - SK - CX - 0017					P03
Location	Type	Role	Number		

Start of ABP and ABP Tenant Relocation Works		Start of Marine Works		Start of M4CaN Works	
Delivery of Mobile Harbour Cranes		C		Parcel 2	
153m extension to first 150m of new quay. (to be completed 2 years after B but need to consider value of completing as one).		Parcel 2		Bridge piers between Main River Usk Western Pylon and Western River Usk Crossing Abutment, relocation of western gateway and completion of M4CaN main site compound.	
Ongoing ABP and ABP Tenant Relocation Works		Ongoing Marine Works		Ongoing M4CaN Works	
Construction Package	Description of Works	Construction Package	Description of Concurrent Works	Construction Parcel	Description of Works
1(c) - 1(e)	Remediation, filling and enabling infrastructure (inc. access roads and hardstanding). Works assumed to be concurrent where possible and prioritised from (c) to (e) for the following tenants: 1(c) Dowds and Origin	B	Western bridge protection measures (inc. swing bridge).	Parcel 1	Preparation works to M4CaN main site compound and Docks Way Link haul road on unoccupied land.
	1(d) Common User Storage Area, Baldwins Crane Hire, R. C. Marshalls, New Adventure Travel and LDH Plant Hire			Parcel 2	Bridge piers between Main River Usk Western Pier, Western River Usk Crossing Abutment and completion of M4CaN Main Works compound.
	1(e) Asset International, RMS Ltd and Scott Pallets				
2(c) - 2(e)	Construction of relocated buildings and fit out. Works assumed to be concurrent where possible and prioritised from (c) to (e) for the following tenants: 2(c) Dowds and Origin				
	2(d) Potential alterations to Baldwins Crane Hire and New Adventure Travel.				
	2(e) Asset International, RMS Ltd and Scott Pallets				

Plot Reference	Occupier
A1	ABP Common User Storage Area
A2	Hedland Engineering
A3	Origin
A4	10 Shed (Dowds)
A5 M	Ma's Ba Café
A5 O	Laidlaw
A5 P	R Williams Transport
A5 Q	Bridge Time
A5 R	Ronnie Evans
A5 CC	A1 Skips
A6	Asset International
A7	Scott Pallets
A8	RMS Ltd
A9	CJN Engineering
B1	International Timber Storage
B2	JED Crushing and Screening
B3	NR Evans
B4	Baldwins Crane Hire
B5	R. C. Marshalls
B6	New Adventure Travel
B7	LDH Plant Hire
C1	ABP Central Workshops & Medical Centre
ZZ	Hargreaves

Indicative Start of Sequence 3:
Month 18
(New ABP Engineering workshop etc. occupied and start work on Western Bridge Pylon etc.)

Note:
Enabling Infrastructure, building and marine works identified in previous sequences still ongoing unless identified as complete. Delivery of additional mobile harbour cranes completed prior to installation of bridge deck above East Way and West Way Road.

DO NOT SCALE

Millimetres

0

10

100



Completed Work Packages (extent shown on drawing)
Dredging
Relocation of Western Gateway
Temporary Storage for International Timber (22,131m ² approx.)
Common User Storage Areas Ref. A1c, A1b and A1d (34,735m ² approx.)
Temporary relocation of SMS Towage, Tom Lewis Way Side Road, ABP Central Workshops, Medical Centre and Stores, Two Crane Maintenance Areas, Hedland Engineering, CJN Engineering, NR Evans and A1 Skips.
Laidlaw, R Williams, Bridge Time, Ronnie Evans, Ma's Ba and JED Crushing.
Dowds and Origin
150m of new quay and repurposing 250m of quay
Mobile Harbour Cranes Delivered

Start of ABP and ABP Tenant Relocation Works		Start of Marine Works		Start of M4CaN Works	
2(d)	Make good shortened Shed 10 and Shed 9. Upon completion of making good shortened 10 Shed relocate Shed 1, 2 and 2a to 10 Shed.	D ₁	Part of Eastern Bridge Protection Measures		
Ongoing ABP and ABP Tenant Relocation Works		Ongoing Marine Works		Ongoing M4CaN Works	
Construction Package	Description of Works	Construction Package	Description of Concurrent Works	Construction Parcel	Description of Works
1(d) - 1(e)	1(d) Common User Storage Area, temporary Tom Lewis Way side road, Baldwins Crane Hire, R. C. Marshalls, New Adventure Travel and LDH Plant Hire	B	Western Bridge Protection Measures	Parcel 1	Preparation works to M4CaN main site compound and Docks Way Link haul road on unoccupied land.
	1(e) Asset International, RMS Ltd and Scott Pallets			Parcel 2	Bridge piers between Main River Usk Western Pylon and Western River Usk Crossing Abutment and completion of M4CaN main site compound.
2(d) - 2(e)	2(d) Potential alterations to Baldwins Crane Hire and New Adventure Travel.	C	153m extension to first 150m of new quay, (to be completed 2 years after B but need to consider value of completing as one).		
	2(e) Asset International, RMS Ltd and Scott Pallets				

Plot Reference	Occupier
A1	ABP Common User Storage Area
A2	Hedland Engineering
A3	Origin
A4	10 Shed (Dowds)
A5 M	Ma's Ba Café
A5 O	Laidlaw
A5 P	R Williams Transport
A5 Q	Bridge Time
A5 R	Ronnie Evans
A5 CC	A1 Skips
A6	Asset International
A7	Scott Pallets
A8	RMS Ltd
A9	CJN Engineering
B1	International Timber Storage
B2	JED Crushing and Screening
B3	NR Evans
B4	Baldwins Crane Hire
B5	R. C. Marshalls
B6	New Adventure Travel
B7	LDH Plant Hire
C1	ABP Central Workshops & Medical Centre ABP Stores
ZZ	Hargreaves

Indicative Start of Sequence 4:
Month 19
(New Dowds and Origin Building completed.)

Note:
Enabling Infrastructure, building and marine works identified in previous sequences still ongoing unless identified as complete.

© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau cronfa ddata? Goron 2017. Rhif Trewyddid y Arwydd Ordnance 100021874.

GENERAL NOTES:

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
- THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.
- TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTERGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.

LEGEND

	EXISTING 85m WIND TURBINE (126m TO BALDE TIP)
	ENABLING INFRASTRUCTURE PARCEL
	BUILDING WORKS ENVELOPE
	MARINE WORKS PARCEL
	M4CaN WORKS PARCEL
	COMPLETED PACKAGE OF WORKS
	PACKAGE 4 OF MARINE AND RELOCATION WORKS
	M4CaN WORKS (ONGOING)
	MARINE AND RELOCATION WORKS (ONGOING)
	PREPARATION AND USE OF MARINE WORKS COMPOUND (EXTENT INDICATIVE)
	M4CaN WORKS START

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
(Enter "None" if applicable)

Maintenance / Cleaning
(Enter "None" if applicable)

Use
(Enter "None" if applicable)

Decommissioning / Demolition
(Enter "None" if applicable)

P01	20/11/17	First Issue	DAS	SW	GRD
P02	29/11/17	Second Issue	DAS	SW	GRD
P03	15/12/17	Third Issue	GMO	SW	GRD
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status

FOR INFORMATION

Suitability

S2

Project Title

M4 CORRIDOR AROUND NEWPORT

Project Team

Drawing Title

ABP AND ABP TENANT RELOCATION
SEQUENCING OF WORKS
SEQUENCE 4 OF 9

Client



Llywodraeth Cymru
Welsh Government

Scale

1:5000

Designed / Drawn

GMO

Checked

SW

Approved

GRD

Authorised

GRD

Original Size

A1

Date

15/12/17

Date

15/12/17

Date

15/12/17

Drawing Number

A1

Project

M4CaN - DJV - GEN -

Originator

ZG_GEN - SK - CX - 0018

Volume

Revision

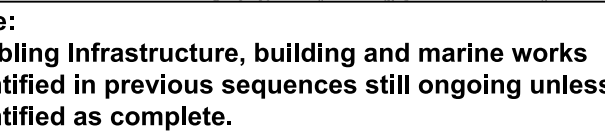
P03

Location

Type

Role

Number



Plot Reference	Occupier
A1	ABP Common User Storage Area
A2	Hedland Engineering
A3	Origin
A4	10 Shed (Dowds)
A5 M	Ma's Ba Café
A5 O	Laidlaw
A5 P	R Williams Transport
A5 Q	Bridge Time
A5 R	Ronnie Evans
A5 CC	A1 Skips
A6	Asset International
A7	Scott Pallets
A8	RMS Ltd
A9	CJN Engineering
B1	International Timber Storage
B2	JED Crushing and Screening
B3	NR Evans
B4	Baldwins Crane Hire
B5	R C Marshalls
B6	New Adventure Travel
B7	LDH Plant Hire
C1	ABP Central Workshops & Medical Centre
	ABP Stores
ZZ	Hargreaves

© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawlfraint a hawliau cronfa ddata'r Goron 2017. Rhif Trwydded yr Arolwg Ordnans 100021874.

GENERAL NOTES:

ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.

THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.

TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTEGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.

EXISTING 85m WIND TURBINE
(126m TO BALDE TIP)

ENABLING INFRASTRUCTURE PARCEL

BUILDING WORKS ENVELOPE

MARINE WORKS PARCEL

MCaNa WORKS PARCEL

COMPLETED PACKAGE OF WORKS

PACKAGE 5 OF MARINE AND RELOCATION WORKS

MCaNa WORKS (ONGOING)

MARINE AND RELOCATION WORKS (ONGOING)

PREPARATION AND USE OF MARINE WORKS
COMPOUND [EXTENT INDICATIVE]

MCaNa WORKS START

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference should also be made to the design hazard log).

Construction
(Enter "None" if applicable)

Maintenance / Cleaning
(Enter "None" if applicable)

Use
(Enter "None" if applicable)

Decommissioning / Demolition
(Enter "None" if applicable)

P01	20/11/17	First Issue	DAS	SW	GR
P02	29/11/17	Second Issue	DAS	SW	GR
P03	15/12/17	Third Issue	GMO	SW	GR
Rev.	Date	Description	By	Chk'd	App

Welsh Government

Location	Type	Role	Number
----------	------	------	--------

b) **Enabling Infrastructure, building and marine works**
 identified in previous sequences still ongoing unless
 identified as complete.

DO NOT SCALE

Millimetres

0

10

100



Completed Work Packages (extent shown on drawing)	
Dredging	
Relocation of Western Gateway	
Temporary Storage for International Timber (22,131m ² approx.)	
Common User Storage Areas (45,280m ² approx.)	
Temporary relocation of SMS Towing, Tom Lewis Way Side Road and closure of existing, ABP Central Workshops, Medical Centre and Stores, Two Crane Maintenance Areas, Hedland Engineering, CJN Engineering, NR Evans and A1 Skips.	
Laidlaw, R Williams, Bridge Time, Ronnie Evans, Ma's Ba and JED Crushing.	
Dowds and Origin	
Make good shortened Shed 10 and Shed 9. Upon completion of making good shortened 10 Shed relocate Shed 1, 2 and 2a to 10 Shed.	
Repurposing 250m of quay	
150m of new quay and western bridge protection measures (inc. swing bridge).	
Baldwins Crane Hire, R. C. Marshalls, New Adventure Travel and LDH Plant Hire	
Asset International, RMS Ltd and Scott Pallets	
Virtual Trip Wire System	
153m extension to first 150m of new quay. (to be completed 2 years after B but need to consider value of completing as one).	
Eastern Bridge Protection Measures	
Mobile Harbour Cranes Delivered	

Existing Tom Lewis Way closed

Tom Lewis Way diversion

Additional 153m length of new quay

Virtual Trip Wire System

Existing Sea Lock

NCC Landfill

Southern Distributor Road

North Dock Link Road

Crane maintenance area

Temporary International Timber Area

North Dock

Parcel 4:
M4 Bridge Deck cannot be installed until the completion of the Construction packages shown. Additionally no bridge deck to be erected above West Way and East Way Roads until the new mobile Harbour Cranes are delivered.

Parcel 4:
M4 Bridge Deck cannot be installed until the completion of the Construction packages shown and provision of additional mobile harbour cranes.

Middle Quay / Swing Bridge access route

Temporary relocation of SMS Towing building, berths and facilities during construction of scheme

Middle Quay

Swing Bridge operational

South Dock

Dredging

SAICA Packaging

250m repurposing of existing length of quay

New 150m length of quay

Shed 5

Shed 5A

Shed 5B

Shed 6

Shed 7A

Shed 7

Shed 9

Shed 9A

Shed 9B

Shed 9C

Shed 11

Shed 11A

Shed 11B

Shed 11C

Shed 11D

Shed 11E

Shed 11F

Shed 11G

Shed 11H

Shed 11I

Shed 11J

Shed 11K

Shed 11L

Shed 11M

Shed 11N

Shed 11O

Shed 11P

Shed 11Q

Shed 11R

Shed 11S

Shed 11T

Shed 11U

Shed 11V

Shed 11W

Shed 11X

Shed 11Y

Shed 11Z

Shed 11AA

Shed 11AB

Shed 11AC

Shed 11AD

Shed 11AE

Shed 11AF

Shed 11AG

Shed 11AH

Shed 11AI

Shed 11AJ

Shed 11AK

Shed 11AL

Shed 11AM

Shed 11AN

Shed 11AO

Shed 11AP

Shed 11AQ

Shed 11AR

Shed 11AS

Shed 11AT

Shed 11AU

Shed 11AV

Shed 11AW

Shed 11AX

Shed 11AY

Shed 11AZ

Shed 11BA

Shed 11BB

Shed 11BC

© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau cronfa ddata? Goron 2017. Rhif Trewyddid y Arwydd Ordnance 100021874.

- GENERAL NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
 - THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.
 - TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTEGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.

LEGEND	
	EXISTING 85m WIND TURBINE (126m TO BALDE TIP)
	ENABLING INFRASTRUCTURE PARCEL
	BUILDING WORKS ENVELOPE
	MARINE WORKS PARCEL
	M4CaN WORKS PARCEL
	COMPLETED PACKAGE OF WORKS
	M4CaN WORKS (ONGOING)
	COMMENCEMENT OF ELEVATED M4 BRIDGE DECK (ABOVE LAND)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
(Enter "None" if applicable)

Maintenance / Cleaning
(Enter "None" if applicable)

Use
(Enter "None" if applicable)

Decommissioning / Demolition
(Enter "None" if applicable)

P01	20/11/17	First Issue	DAS	SW	GRD
P02	29/11/17	Second Issue	DAS	SW	GRD
P03	15/12/17	Third Issue	GMO	SW	GRD
Rev.	Date	Description	By	Chk'd	App'd

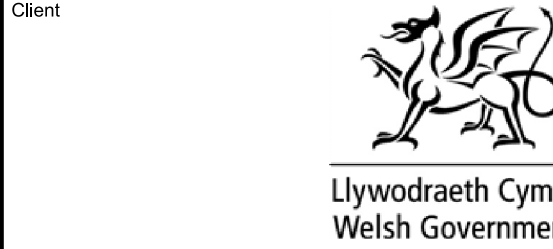
Drawing Status
FOR INFORMATION

Subsidiary
S2

Project Title
M4 CORRIDOR AROUND NEWPORT

Project Team

Drawing Title
ABP AND ABP TENANT RELOCATION SEQUENCING OF WORKS SEQUENCE 6 OF 9



Scale 1:5000	Designed / Drawn GMO	Checked SW	Approved GRD	Authorised GRD
Original Size A1	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 15/12/17
Drawing Number Project	Originator M4CaN - DJV - GEN - ZG_GEN - SK - CX - 0021	Volume	Revision P03	
Location	Type	Role	Number	

DO NOT SCALE

Millimetres

0

10

100



Completed Work Packages (extent shown on drawing)	
Dredging	Relocation of Western Gateway
Temporary Storage for International Timber (22,131m² approx.)	
Common User Storage Areas (45,280m² approx.)	
Temporary relocation of SMS Towing, Tom Lewis Way Side Road and closure of existing, ABP Central Workshops, Medical Centre and Stores, Two Crane Maintenance Areas, Hedland Engineering, C/JN Engineering, NR Evans and A1 Skips.	
Laidlaw, R Williams, Bridge Time, Ronnie Evans, Ma's Ba and JED Crushing.	
Dowds and Origin	
Make good shortened Shed 10 and Shed 9. Upon completion of making good shortened 10 Shed relocate Shed 1, 2 and 2a to 10 Shed.	
Repurposing 250m of quay	
150m of new quay and western bridge protection measures (inc. swing bridge).	
Baldwins Crane Hire, R. C. Marshalls, New Adventure Travel and LDH Plant Hire	
Asset International, RMS Ltd and Scott Pallets	
Virtual Trip Wire System	
153m extension to first 150m of new quay, (to be completed 2 years after B but need to consider value of completing as one).	
Eastern Bridge Protection Measures	
Mobile Harbour Cranes Delivered	

Existing Tom Lewis Way closed

Tom Lewis Way Side Road

Additional 153m length of new quay

Virtual Trip Wire System

Existing Sea Lock

NCC Landfill

TOM LEWIS WAY (CLOSED)

Dredging

SAICA Packaging

South Dock

Crane maintenance area

Southern Distributor Road

North Dock Link Road

Temporary International Timber Area

North Dock

Junction Cut

Middle Quay

Swing Bridge operational

Middle Quay / swing bridge access route

Temporary relocation of SMS Towing building, berths and facilities during construction of scheme

Parcel 5: M4 Bridge Deck above Junction Cut cannot be installed until the completion of the Construction Packages shown.

River Usk

Atlantic Shed

Hargreaves

Start of ABP and ABP Tenant Relocation Works		Start of Marine Works		Start of M4CaN Works	
Ongoing ABP and ABP Tenant Relocation Works		Ongoing Marine Works		Ongoing M4CaN Works	
Construction Package	Description of Works	Construction Package	Description of Concurrent Works	Construction Parcel	Description of Works
				Parcel 5	Bridge Deck above Junction Cut
				Parcel 1	Preparation works to M4CaN main site compound and Docks Way Link haul road on unoccupied land.
				Parcel 2	Bridge piers between Main River Usk Western Pier and Western River Usk Crossing Abutment.
				Parcel 3	Docks Way Link Road Junction and Docks Way Link Road
				Parcel 4	Bridge Deck above land

Plot Reference	Occupier
A1	ABP Common User Storage Area
A2	Hedland Engineering
A3	Origin
A4	10 Shed (Dowds)
A5 M	Ma's Ba Café
A5 O	Laidlaw
A5 P	R Williams Transport
A5 Q	Bridge Time
A5 R	Ronnie Evans
A5 CC	A1 Skips
A6	Asset International
A7	Scott Pallets
A8	RMS Ltd
A9	C/JN Engineering
B1	International Timber Storage
B2	JED Crushing and Screening
B3	NR Evans
B4	Baldwins Crane Hire
B5	R. C. Marshalls
B6	New Adventure Travel
B7	LDH Plant Hire
C1	ABP Central Workshops & Medical Centre ABP Stores
ZZ	Hargreaves

Indicative Start of Sequence 7:
Month 37
(Height restriction on Junction Cut.)

© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hafwrfaint a hawliau cronfa ddata? Goron 2017. Rhif Treysydd y Arwydd Ordnance 100021874.

- GENERAL NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
 - THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.
 - TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTERGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.


LEGEND	
	EXISTING 85m WIND TURBINE (126m TO BALDE TIP)
	ENABLING INFRASTRUCTURE PARCEL
	BUILDING WORKS ENVELOPE
	MARINE WORKS PARCEL
	M4CaN WORKS PARCEL
	COMPLETED PACKAGE OF WORKS
	M4CaN WORKS (ONGOING)
	ONGOING CONSTRUCTION OF ELEVATED M4 BRIDGE DECK (ABOVE LAND)
	COMMENCEMENT OF ELEVATED M4 BRIDGE DECK (ABOVE JUNCTION CUT)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction	(Enter "None" if applicable)
Maintenance / Cleaning	(Enter "None" if applicable)
Use	(Enter "None" if applicable)
Decommissioning / Demolition	(Enter "None" if applicable)

P01	20/11/17	First Issue	DAS	SW	GRD
P02	29/11/17	Second Issue	DAS	SW	GRD
P03	15/12/17	Third Issue	GMO	SW	GRD
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	FOR INFORMATION	Subsidiarity	S2	Project Title					M4 CORRIDOR AROUND NEWPORT						
Project Team				Drawing Title ABP AND ABP TENANT RELOCATION SEQUENCING OF WORKS SEQUENCE 7 OF 9											
Client  Llywodraeth Cymru Welsh Government				Scale	1:5000	Designed / Drawn	GMO	Checked	SW	Approved	GRD	Authorised	GRD		
				Original Size	A1	Date	15/12/17	Date	15/12/17	Date	15/12/17	Date	15/12/17		
				Drawing Number										Revision	
				Project										P03	
M4CaN - DJV - GEN - ZG_GEN - SK - CX - 0022															
Location		Type		Role		Number									

DO NOT SCALE

Millimetres

0

10

100



Completed Work Packages (extent shown on drawing)
Dredging
Relocation of Western Gateway
Temporary Storage for International Timber (22,131m² approx.)
Common User Storage Areas (45,280m² approx.)
Temporary relocation of SMS Towing, Tom Lewis Way Side Road and closure of existing, ABP Central Workshops, Medical Centre and Stores, Two Crane Maintenance Areas, Hedland Engineering, CJN Engineering, NR Evans and A1 Skips.
Laidlaw, R Williams, Bridge Time, Ronnie Evans, Ma's Ba and JED Crashing.
Dowds and Origin
Make good shortened Shed 10 and Shed 9. Upon completion of making good shortened 10 Shed relocate Shed 1, 2 and 2a to 10 Shed.
Repurposing 250m of quay
150m of new quay and western bridge protection measures (inc. swing bridge).
Baldwins Crane Hire, R. C. Marshalls, New Adventure Travel and LDH Plant Hire
Asset International, RMS Ltd and Scott Pallets
Virtual Trip Wire System
153m extension to first 150m of new quay. (to be completed 2 years after B but need to consider value of completing as one).
Eastern Bridge Protection Measures
Mobile Harbour Cranes Delivered

Start of ABP and ABP Tenant Relocation Works		Start of Marine Works		Start of M4CaN Works	
1(f)	International Timber			Permanent diversion of Tom Lewis Way and completion of Middle Quay and Swing Bridge Access Route	
2(f)	SMS Towing			Ongoing M4CaN Works	
Ongoing ABP and ABP Tenant Relocation Works		Ongoing Marine Works		Description of Works	
Construction Package	Description of Works	Construction Package	Description of Concurrent Works	Construction Parcel	Description of Works
				Parcel 1	Preparation works to M4CaN main site compound and Docks Way Link haul road on unoccupied land.
				Parcel 2	Bridge piers between Main River Usk Western Pier and Western River Usk Crossing Abutment.
				Parcel 3	Docks Way Link Road Junction and Docks Way Link Road
				Parcel 4	Bridge Deck above land
				Parcel 5	Bridge Deck above Junction Cut

Plot Reference	Occupier
A1	ABP Common User Storage Area
A2	Hedland Engineering
A3	Origin
A4	10 Shed (Dowds)
A5 M	Ma's Ba Café
A5 O	Laidlaw
A5 P	R Williams Transport
A5 Q	Bridge Time
A5 R	Ronnie Evans
A5 CC	A1 Skips
A6	Asset International
A7	Scott Pallets
A8	RMS Ltd
A9	CJN Engineering
B1	International Timber Storage
B2	JED Crashing and Screening
B3	NR Evans
B4	Baldwins Crane Hire
B5	R. C. Marshalls
B6	New Adventure Travel
B7	LDH Plant Hire
C1	ABP Central Workshops & Medical Centre ABP Stores
ZZ	Hargreaves

Indicative Start of Sequence 8:
6 Month prior to completion of M4 scheme
(Start permanent diversion of Tom Lewis Way and International Timber.)

© Crown Copyright and database right 2017. Ordnance Survey 100021874. Welsh Government.
© Hawffraint a hawliau cronfa ddata? Goron 2017. Rhif Trewyddid yf Arwydd Ordnance 100021874.

- GENERAL NOTES:
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
 - ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
 - THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.
 - TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTERGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.

LEGEND	
	EXISTING 85m WIND TURBINE (126m TO BALDE TIP)
	ENABLING INFRASTRUCTURE PARCEL
	BUILDING WORKS ENVELOPE
	MARINE WORKS PARCEL
	M4CaN WORKS PARCEL
	COMPLETED PACKAGE OF WORKS
	M4CaN WORKS (ONGOING)
	PACKAGE OF WORKS TO BE COMPLETED BY M4 CONTRACTOR
	ELEVATED M4 BRIDGE DECK ABOVE LAND (COMPLETE)
	ELEVATED M4 BRIDGE DECK (ABOVE JUNCTION CUT)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction
(Enter "None" if applicable)

Maintenance / Cleaning
(Enter "None" if applicable)

Use
(Enter "None" if applicable)

Decommissioning / Demolition
(Enter "None" if applicable)

P01	20/11/17	First Issue	DAS	SW	GRD
P02	29/11/17	Second Issue	DAS	SW	GRD
P03	15/12/17	Third Issue	GMO	SW	GRD
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status
FOR INFORMATION

Subsidiary
S2

Project Title
M4 CORRIDOR AROUND NEWPORT

Project Team

Drawing Title
ABP AND ABP TENANT RELOCATION SEQUENCING OF WORKS SEQUENCE 8 OF 9

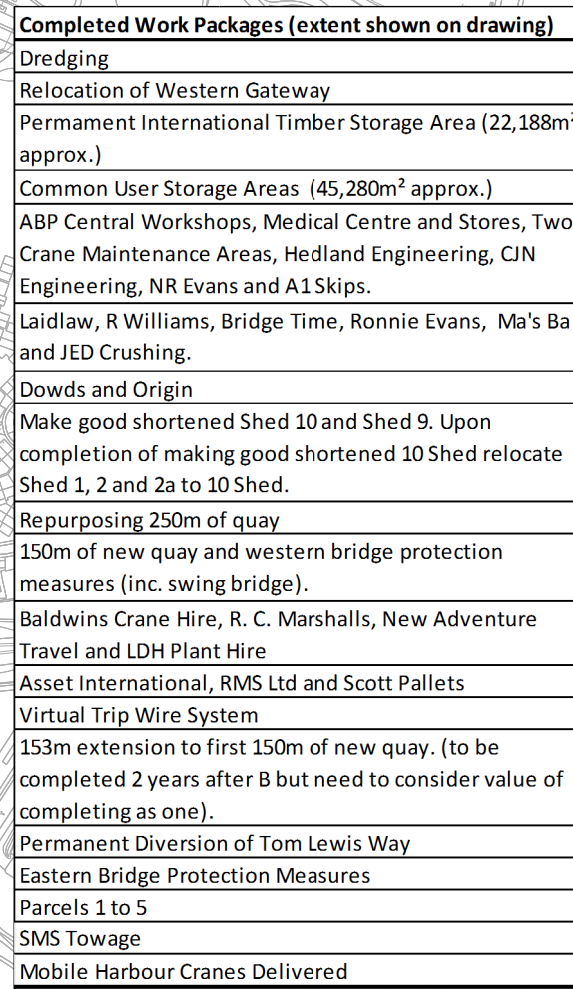
Client



Llywodraeth Cymru
Welsh Government

Scale	Designed / Drawn	Checked	Approved	Authorised
1:5000	GMO	SW	GRD	GRD
Original Size	Date	Date	Date	Date
A1	15/12/17	15/12/17	15/12/17	15/12/17
Drawing Number	Project	Originator	Volume	Revision
		M4CaN - DJV - GEN - ZG_GEN - SK - CX - 0023		P03
Location	Type	Role	Number	

Millimetres










Plot Reference	Occupier
A1	ABP Common User Storage Area
A2	Headland Engineering
A3	Origin
A4	10 Shed (Dowds)
A5 M	Me's Ba Café
A5 O	Laidlaw
A5 P	R Williams Transport
A5 Q	Bridge Time
A5 R	Ronnie Evans
A5 CC	A1 Skips
A6	Asset International
A7	Scott Pallets
A8	RMS Ltd
A9	CJN Engineering
B1	International Timber Storage
B2	JED Crushing and Screening
B3	NR Evans
B4	Baldwins Crane Hire
B5	R. C Marshalls
B6	New Adventure Travel
B7	LDH Plant Hire
C1	ABP Central Workshops & Medical Centre ABP Stores
ZZ	Hargreaves

M4 Scheme Open:
Permanent Crane Route operational

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE.
3. THE SEQUENCING ASSUMES THAT ALL OCCUPIERS IMPACTED BY THE M4 SCHEME HAVE AGREED TO BE RELOCATED IN ACCORDANCE WITH THE LEGAL AGREEMENT. IF THEY HAVE NOT AGREED TO BE RELOCATED THEN THEY SHALL BE REMOVED FROM THE SEQUENCING PROPOSALS AND SHALL NOT IMPEDE ON THE SEQUENCING OF WORKS.
4. TIMESCALES ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN, PREPARATION OF THE INTEGRATED PROGRAMME AND DEVELOPMENT OF THE TRAFFIC MANAGEMENT ACCESS PLAN.

LEGEND

	EXISTING 85m WIND TURBINE (126m TO BALDE TIP)
	ENABLING INFRASTRUCTURE PARCEL (COMPLETED)
	BUILDING WORKS ENVELOPE (COMPLETED)
	MARINE WORKS PARCEL (COMPLETED)
	MCAN WORKS (COMPLETED)
	APPROX. EXTENT OF LAND HANDED BACK TO ABP UPON COMPLETION OF M4 SCHEME
	CONTROLLED STORAGE BELOW VIADUCT

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).

Construction (Enter "None" if applicable)	
----------------------------------------------	--

Maintenance / Cleaning (Enter "None" if applicable)	
--------------------------------------------------------	--

Use
(Enter "None" if applicable)

Decommissioning / Demolition (Enter "None" if applicable)	
--------------------------------------------------------------	--

P01	20/11/17	First Issue	DAS	SW	G
P02	29/11/17	Second Issue	DAS	SW	G
P03	15/12/17	Third Issue	GMO	SW	G
Rev.	Date	Description	By	Chkd	Apd

Project Team	
--------------	--

[illegible][illegible]

Client 

Llywodraeth Cymru

Welsh Government

Project Title	M4 CORRIDOR AROUND NEWPORT
---------------	----------------------------

Drawing Title	ABP AND ABP TENANT RELOCATION
---------------	-------------------------------

SEQUENCING OF WORKS
SEQUENCE 9 OF 9

Scale	Designed / Drawn	Checked	Approved	Auth
-------	------------------	---------	----------	------

Original Size A1	Date 15/12/17	Date 15/12/17	Date 15/12/17	Date 1
----------------------------	------------------	------------------	------------------	-----------

M4CaN - DJV - GEN -
3C GEN SK CY 0024

ZG_GEN - SK - CX - 0024			
Location	Type	Role	Number



Llywodraeth Cymru
Welsh Government

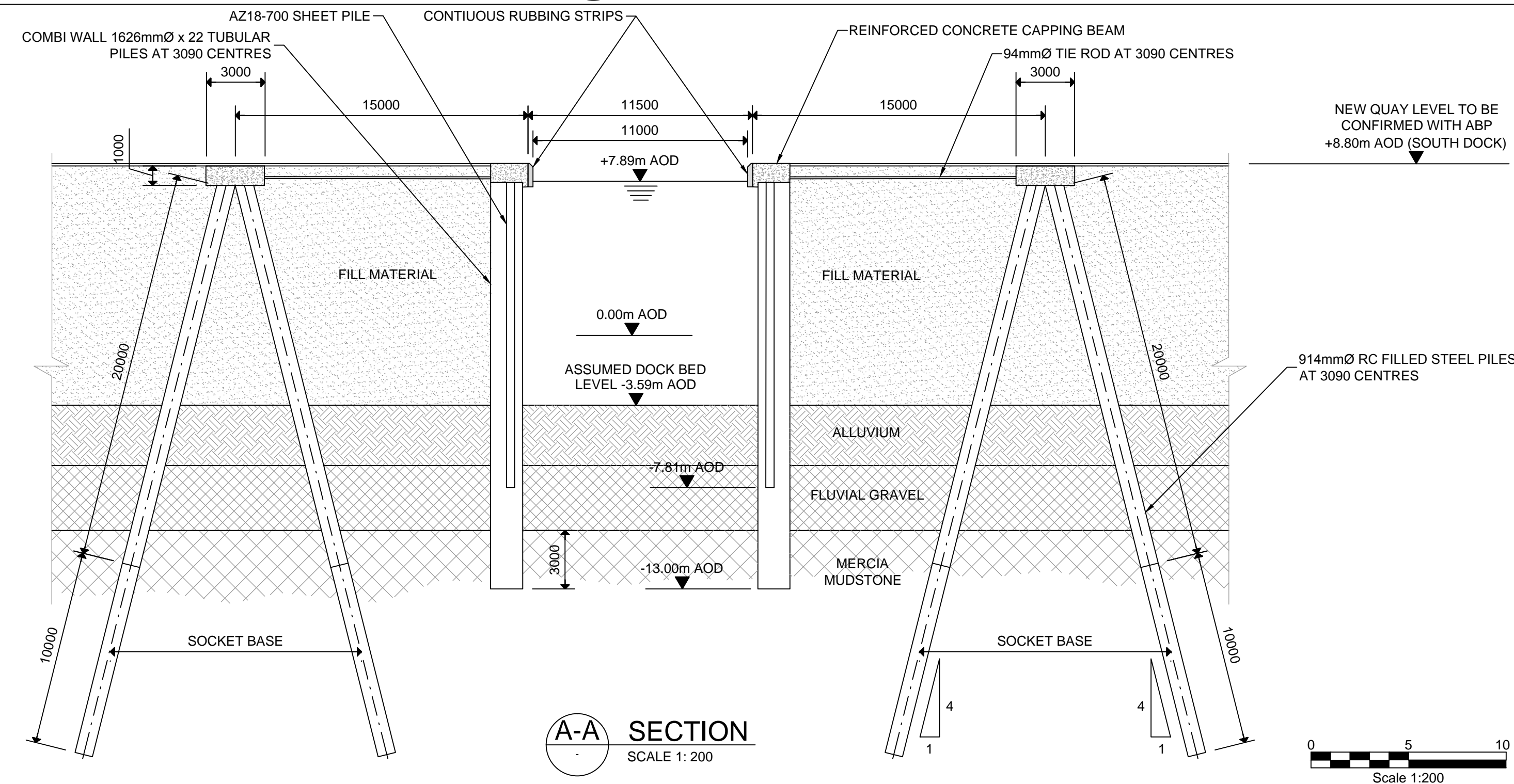
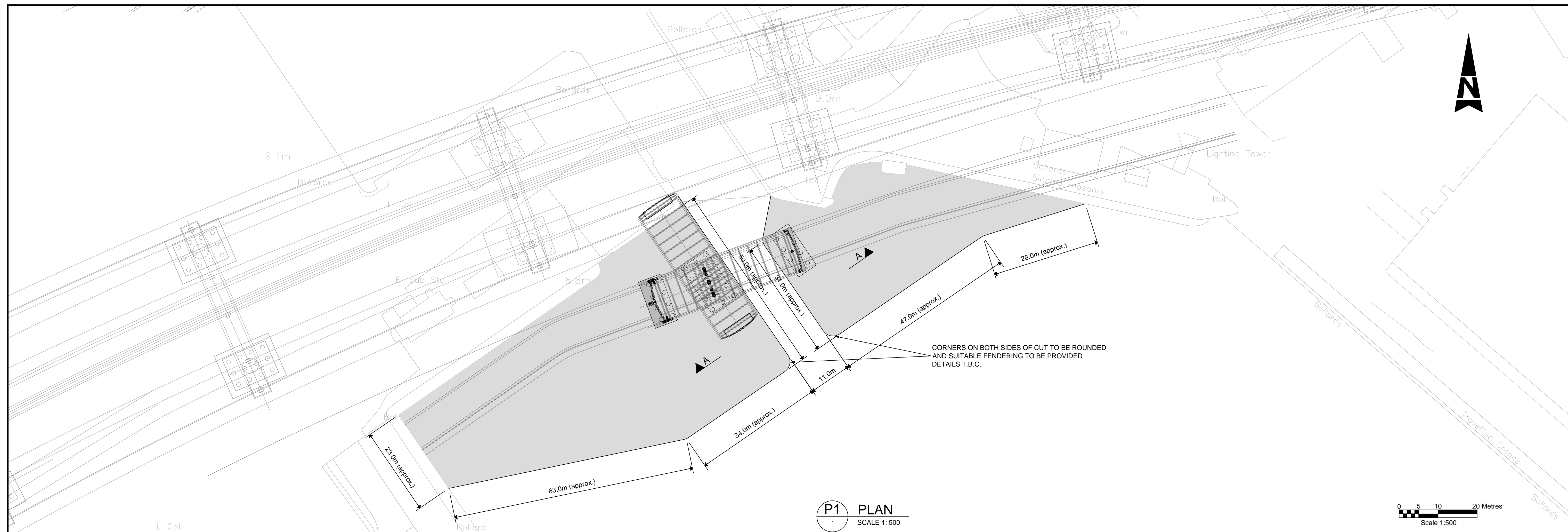
Appendix B:

Bridge Protection Measures Layout: M4CaN-DJV-SBR-Z3_GEN-SK-CB-0051

DO NOT SCALE


Millimetres

0 10 100



<p><u>GENERAL NOTES:</u></p> <ol style="list-style-type: none"> 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. 2. ONLY WRITTEN DIMENSIONS SHALL BE USED, DO NOT SCALE. 3. EXTENT OF NARROWING OF JUNCTION CUT IS PRELIMINARY AND IS SUBJECT TO FURTHER ASSESSMENT. 4. DRAWING ISSUED FOR INFORMATION ONLY. DO NOT USE FOR CONSTRUCTION.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION										
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following significant residual risks (Reference shall also be made to the design hazard log).										
Construction (Enter "None" if applicable)										
Maintenance / Cleaning (Enter "None" if applicable)										
Use (Enter "None" if applicable)										
Decommissioning / Demolition (Enter "None" if applicable)				P01	25/07/17	First Issue		BA	PDA	SM
				P02	07/08/17	SUPPLEMENTARY ISSUE		GHJ	PDA	GRD
				Rev.	Date	Description		By	Chk'd	App'd

Drawing Status		Sustainability		Project Title	
FOR INFORMATION		S2		M4 CORRIDOR AROUND NEWPORT	
Project Team				Drawing Title	
				RIVER USK CROSSING BRIDGE PROTECTION MEASURES NARROWING OF JUNCTION CUT (11M)	
				Scale	Designed / Drawn
				AS SHOWN	GHJ PDA
				GRD	GRD
Client				Original Size	Date
				A1	07/08/17
					07/08/17
 Llywodraeth Cymru Welsh Government				Drawing Number	Revision
				Project	
				M4CaN - DJV - SBR - Z3_GEN - SK - CB - 0051	
				Location	Volume
				Type	Role
					Number
				P02	

Appendix C:

LDH Plant Ltd. Removal of Objection Correspondence

5 BROOKFIELDS, CRICKHOWELL, POWYS, WALES, NP8 1DJ
E Mail gp dickenson@hotmail.com

Tel. 01873 810966
Mob. 07980 666077

The Welsh Ministers
Cathays Park
CARDIFF
CF10 3NQ

Our Ref: GPD 03/15
Your Ref: QA1174612/OBJ0047

26 April 2017

Dear Sirs,

REF: The M4 Motorway (Junction 23 (East of Magor) to West of Junction 29 (Castleton) and Connecting Roads) and The M48 Motorway (Junction 23 (East of Magor) Connecting Road) Scheme 201-

The London to Fishguard Trunk Road (East of Magor to Castleton) Order 201-

The M4 Motorway (West of Magor to East of Castleton) and the A48(M) Motorway (West of Castleton to St Mellons)(Variation of Various Schemes) Scheme 201-

The M4 Motorway (Junction 23 (East of Magor) to West of Junction 29 (Castleton) and Connecting Roads) and the M48 Motorway (Junction 23 (East of Magor) Connecting Road) and The London to Fishguard Trunk Road (east of Magor to Castleton) (Side Roads) Order 201-

The Welsh Ministers (The M4 Motorway (Junction 23 (East of Magor) to West of Junction 29 (Castleton) and Connecting Roads) and the M48 Motorway (Junction 23 (East of Magor) Connecting Road) and the London to Fishguard Trunk Road (East of Magor to Castleton)) Compulsory Purchase Order 201-

The M4 Motorway (Junction 23 (East of Magor) to West of Junction 29 (Castleton) and Connecting Roads) and The M48 Motorway (Junction 23 (East of Magor) Connecting Road) (Supplementary) Scheme 201-

The Welsh Ministers (The M4 Motorway (Junction 23 (East of Magor) to West of Junction 29 (Castleton) and Connecting Roads) and The M48 Motorway (Junction 23 (East of Magor) Connecting Road) and The London to Fishguard Trunk Road (East of Magor to Castleton)) Supplementary Compulsory Purchase Order 201-

**LDH PLANT LTD, WESTWAY ROAD, ALEXANDRA DOCK, NEWPORT -
PLOTS 7/3Y & 7/3dq**

1. We refer to our client LDH Plant Ltd's objection to the Orders dated 27th April 2016 (reference OBJ 0047).
2. In consideration of the undertakings from the Welsh Ministers set out in their letter to LDH Plant Ltd e mailed on 30 March 2017 ("**the letter of undertaking**") our client LDH Plant Ltd:

- 2.1 Withdraws their objection to the Orders,
- 2.2 Consents to the modifications to the CPO and the SRO referred to in the letter of undertaking and
- 2.3 To the extent that the said modifications involve an increase in the extent of LDH Plant Ltd's interests in land subject to the CPO, consents to such increase.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'G P Dickenson', with a stylized flourish at the end.

G P Dickenson BSc FRICS