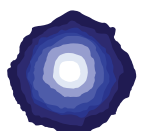


THE YORK POTASH HARBOUR FACILITIES ORDER 201X

NON-TECHNICAL SUMMARY



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**Royal
HaskoningDHV**
Enhancing Society Together

**York Potash Harbour
Facilities Order 201X
Environmental Statement
Non-Technical Summary**

Document title: York Potash Harbour Facilities Order 201X Environmental Statement
Non-Technical Summary

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Client: York Potash Ltd

Client contact: James Barrie

Reference: Harbour Facilities NTS

Drafted by: Gregor McNiven

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Approved by: Sian John

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Drawing PB1586-SK467	Bran Sands Lagoon Proposed Habitat Enhancement

FIGURES

Figure 1-1	Surface Waters
Figure 1-2	Overview of the key elements of the YPP

1 THE YORK POTASH PROJECT

1.1 Introduction

1.1.1 York Potash Limited (YPL) (a subsidiary of Sirius Minerals Limited) proposes to develop harbour facilities on Teesside for the export of polyhalite bulk fertiliser (the product). The proposed Harbour facilities, designed to export up to 13 million tonnes per annum (mtpa) of product, would comprise the following elements (see **Drawings PB1586-SK710 to PB1586-SK715**, **Drawings PB1586-SK720 to PB1586-SK725**, **Drawings PB1586-SK1040 to PB1586-SK1046**, **Drawings PB1586-SK490 to PB1586-SK497** and **Drawings PB1586-SK467** and **Figure 1-1**):

- A port terminal on the southern bank of the Tees estuary (with a quay and deepening (dredging) of a section of the approach channel and to create a berth pocket).
- A conveyor system to transfer product to the port terminal from a Materials Handling Facility (MHF) at Wilton.
- Product storage facilities (surge bins) adjacent to the quay and ship loaders on the quay.
- Staff welfare and office facilities.
- Habitat enhancement in Bran Sands Lagoon.

The Non-Technical Summary

1.1.2 This document provides a Non-Technical Summary (NTS) of the Environmental Statement (ES; **Documents 6.4** and **6.5**) produced in support of an application to the Planning Inspectorate (PINS) to develop the York Potash Project (YPP) Harbour facilities.

1.1.3 The full ES presents the findings of an Environmental Impact Assessment (EIA) into the potential impacts of the construction, operation and eventual decommissioning of the Harbour facilities.

1.1.4 This NTS is presented as follows:

- Section 1 - The Project Description, Background and Legislative Context

This section summarises the introductory sections (Sections 1 to 4) of the ES and describes the proposed YPP Harbour facilities and the legislative context for the EIA process, including the approach taken to the EIA.

- Section 2 - Harbour Facilities

Section 2 summarises the ES technical sections which consider the predicted impacts associated with the development of the Harbour facilities.

- Section 3 - Cumulative Impact Assessment

Section 3 summarises the Cumulative Impact Assessment (CIA) that has been undertaken in order to consider the predicted impacts of the Harbour facilities with the rest of the YPP (described below) and with other relevant (non-YPL) plans and projects.

- Section 4 – Water Framework Directive compliance

Section 4 considers if the proposed Harbour facilities comply with the Water Framework Directive (WFD).

- Section 5 – Habitats Regulations Assessment

Section 5 considers the proposed Harbour facilities project in the context of the requirements of the Habitats Regulations.

- Section 6 – Conclusions

Section 6 briefly sets out the conclusions of the Harbour facilities ES.

- 1.1.5 This NTS therefore summarises the information provided in the Harbour facilities ES. For more detailed information please refer to the Harbour facilities ES.

Background to the overall York Potash Project

- 1.1.6 The proposed Harbour facilities form one of four distinct project elements which together comprise the YPP, namely:

1. the winning (the process of gaining access to the mineral) and working (the process of extracting the mineral) of polyhalite (the Mine);
2. a Materials Transport System (MTS) for the removal and transfer of the resource;
3. a Materials Handling Facility (MHF) for processing the polyhalite into a granulated product; and,
4. Harbour facilities to export the polyhalite (which are the subject of this NTS).

- 1.1.7 YPL proposes to win and work product from two deep polyhalite seams which lie beneath the North York Moors National Park, one of which extends eastwards beneath the North Sea. A marine licence for this aspect has already been granted by the Marine Management Organisation (MMO). Once extracted, the dry product would be crushed, loaded onto hoppers, and transported to the MHF at Wilton through the underground MTS. The product would be granulated within the MHF in preparation for onward distribution via the Harbour facilities. A proportion of the product would be distributed within the UK from the Wilton site (up to 150,000 tonnes of product, per annum, may be exported by road). This process is represented visually in **Figure 1-2**.

- 1.1.8 The YPP has four main geographical locations and the following consenting routes:

The Mine and other ancillary facilities for the mine are proposed to be located at Dove's Nest Farm, near Whitby, with a proposed Construction Village and Park and Ride (P&R) to be located approximately 1.6km to the south of Whitby (although the Construction Village remains an option only). Operational phase P&R facilities would be located 2km to the east of Whitby (at Cross Butts roundabout).



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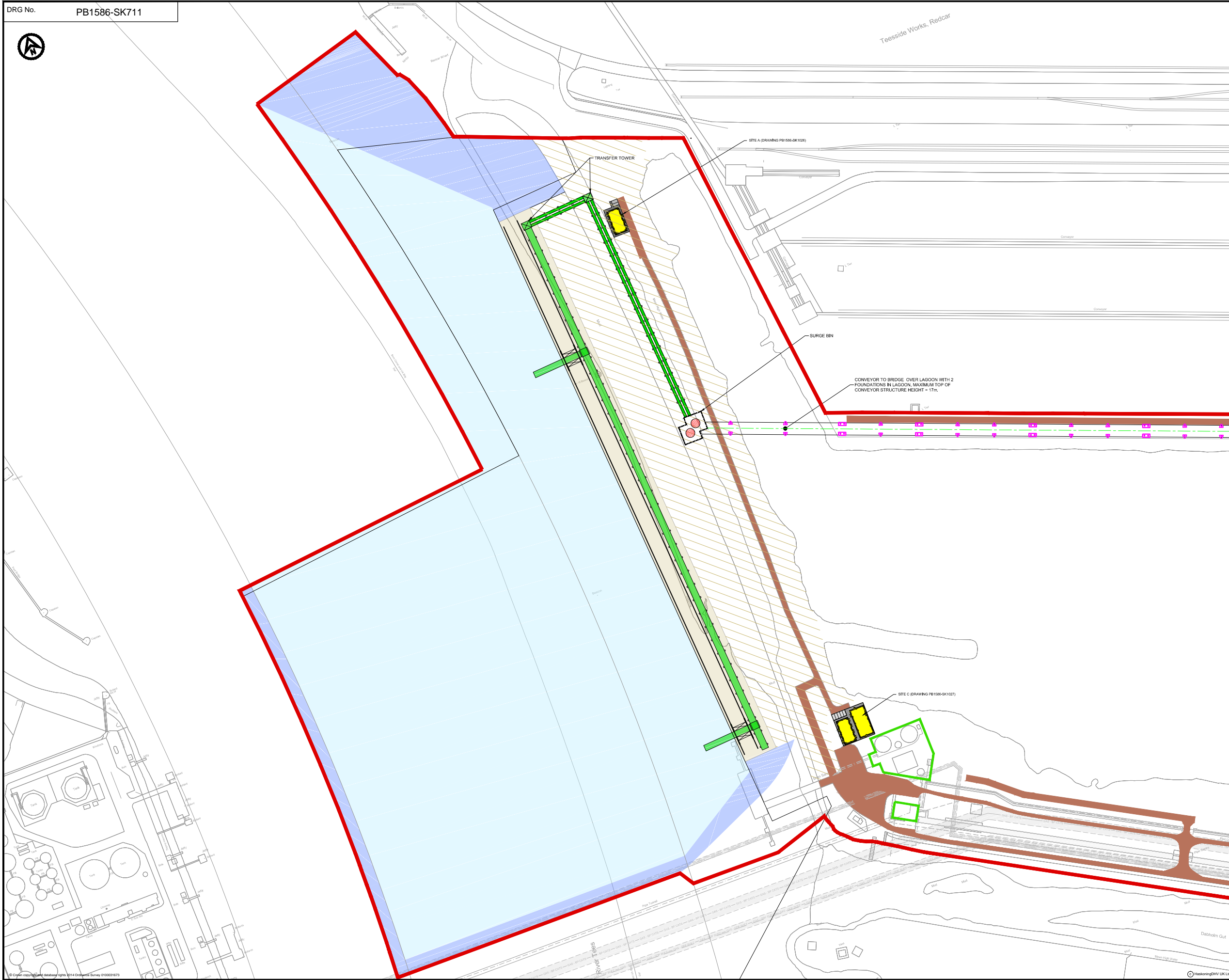
PROJECT YORK POTASH

TITLE THE YORK POTASH HARBOUR FACILITIES ORDER 201X LAYOUT PLANS (GROUND LEVEL) NORTHERN ROUTE - KEYPLAN REGULATION 5 (2)(o) DOCUMENT 3.2A



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- NOTES**
- FOR DETAILS OF THE WETLANDS REFER TO BRAN SANDS LAGOON MITIGATION AND MONITORING STRATEGY DRAFT APPENDIX 3.1 TO DOCUMENT 6.3
 - DRAWING BASED ON SOLID QUAY CONSTRUCTION.
 - FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

- LEGEND**
- ORDER LIMITS
 - ▨ QUAYSIDE (ENGINEERING FILL)
 - ▨ DREDGED AREA
 - ▨ DREDGED SIDE SLOPES
 - ▨ EXTENT OF BERTH POCKET
 - TRANSFER TOWER
 - SURGE BIN
 - ▨ CONVEYORS AT THE QUAY
 - ▨ QUAY STRUCTURE
 - SECTION MARKER
 - ▨ ROADS
 - ▨ ADMINISTRATIVE AREAS ETC.
 - ▨ TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - ▨ TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
 - ▨ HANDSTAND AREA
 - ▨ WALKWAYS
 - ▨ CONVEYOR FOUNDATION LOCATIONS INDICATIVE ONLY
 - ▨ EXISTING BUILDING
 - CROWN ESTATES LANDOWNERSHIP BOUNDARY

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PROJECT
YORK POTASH

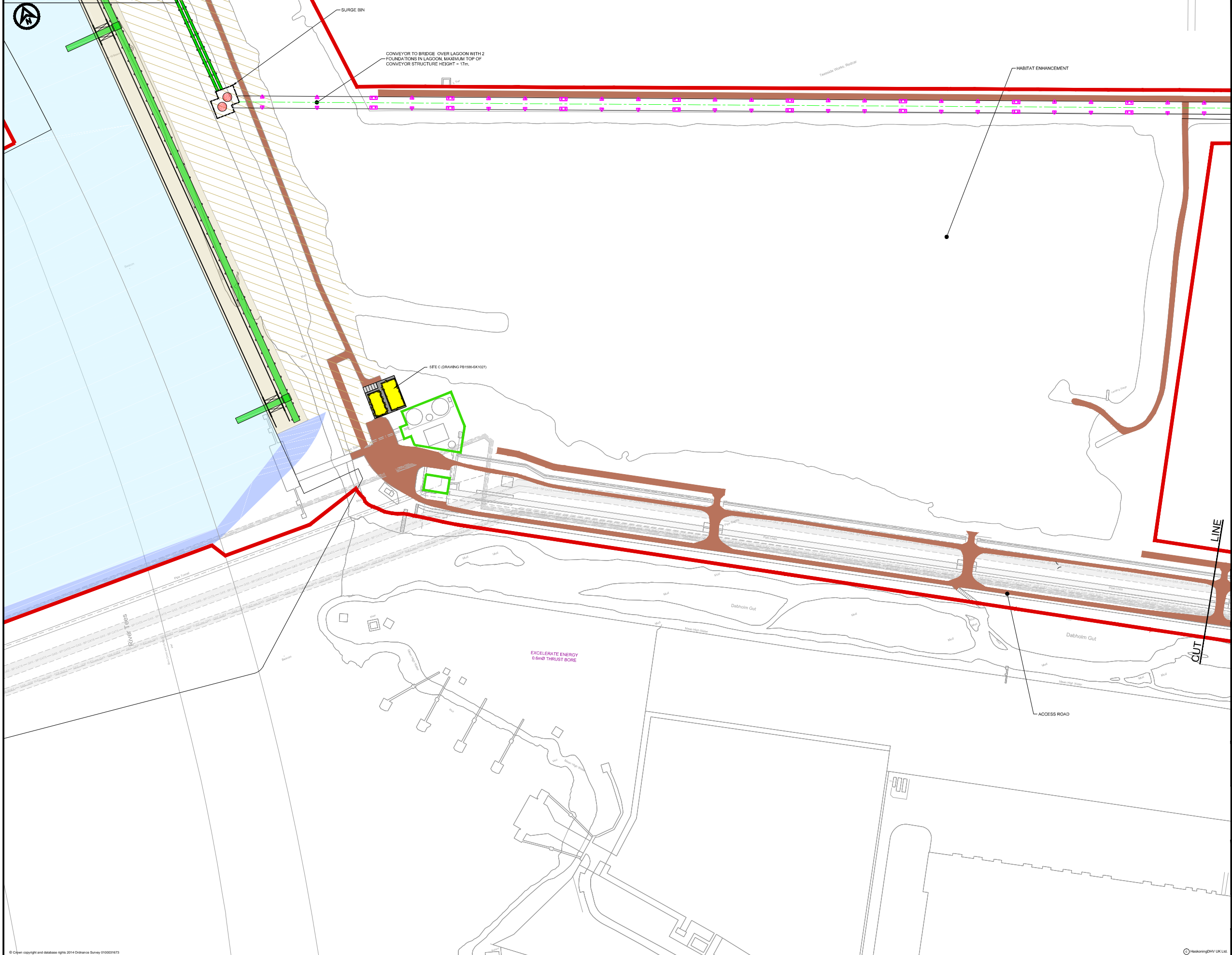
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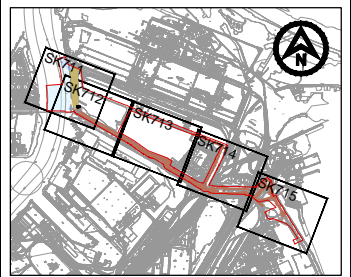
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- NOTES
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 - DRAWING BASED ON SOLID QUAY CONSTRUCTION.
 - FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

- LEGEND
- ORDER LIMITS
 - QUAYSIDE (ENGINEERING FALL)
 - DREDGED AREA
 - DREDGED SIDE SLOPES
 - EXTENT OF BERTH POCKET
 - TRANSFER TOWER
 - SURGE BINS
 - CONVEYORS AT THE QUAY
 - QUAY STRUCTURE
 - SECTION MARKER
 - ROADS
 - ADMINISTRATIVE AREAS ETC.
 - TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
 - HARDSHED AREA
 - WALKWAYS
 - CONVEYOR FOUNDATION LOCATIONS INDICATIVE ONLY
 - EXISTING BUILDING
 - CROWN ESTATED LANDOWNERSHIP BOUNDARY

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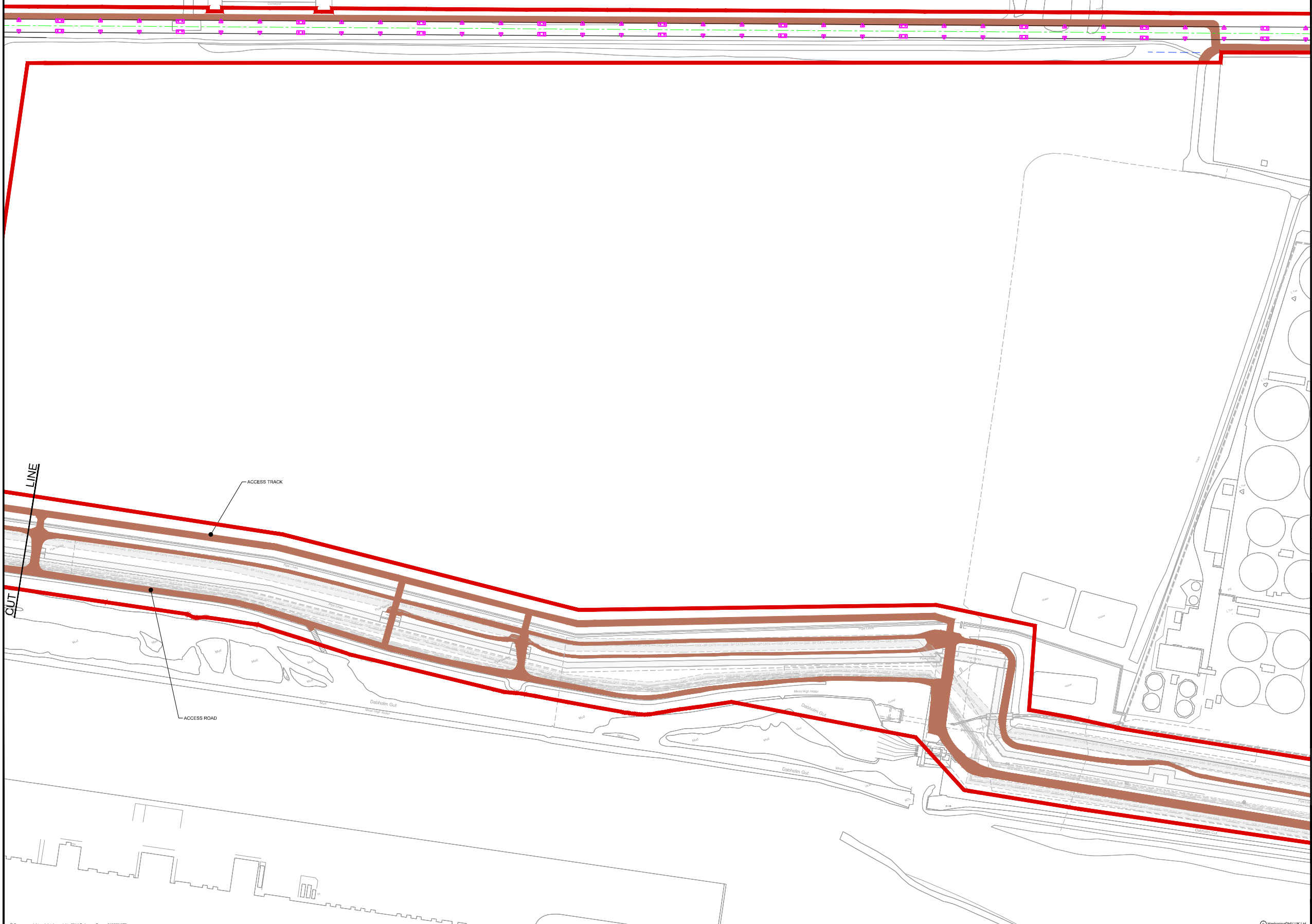
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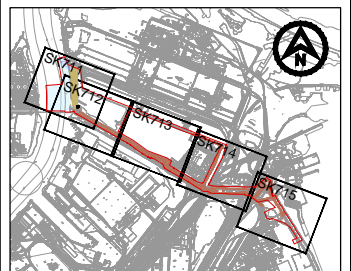
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DRG No. PB1586-SK713



NOTES
1. FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

LEGEND

- ORDER LIMITS
- QUAYSIDE (ENGINEERING FILL)
- DREDGED AREA
- DREDGED SIDE SLOPES
- EXTENT OF BERTH POCKET
- TRANSFER TOWER
- SURGE BINS
- CONVEYORS AT THE QUAY
- QUAY STRUCTURE
- SECTION MARKER
- ROADS
- ADMINISTRATIVE AREAS ETC.
- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- HARDSTAND AREA
- WALKWAYS
- CONVEYOR FOUNDATION LOCATIONS INDICATIVE ONLY
- EXISTING BUILDING
- CROWN ESTATES LANDOWNERSHIP BOUNDARY

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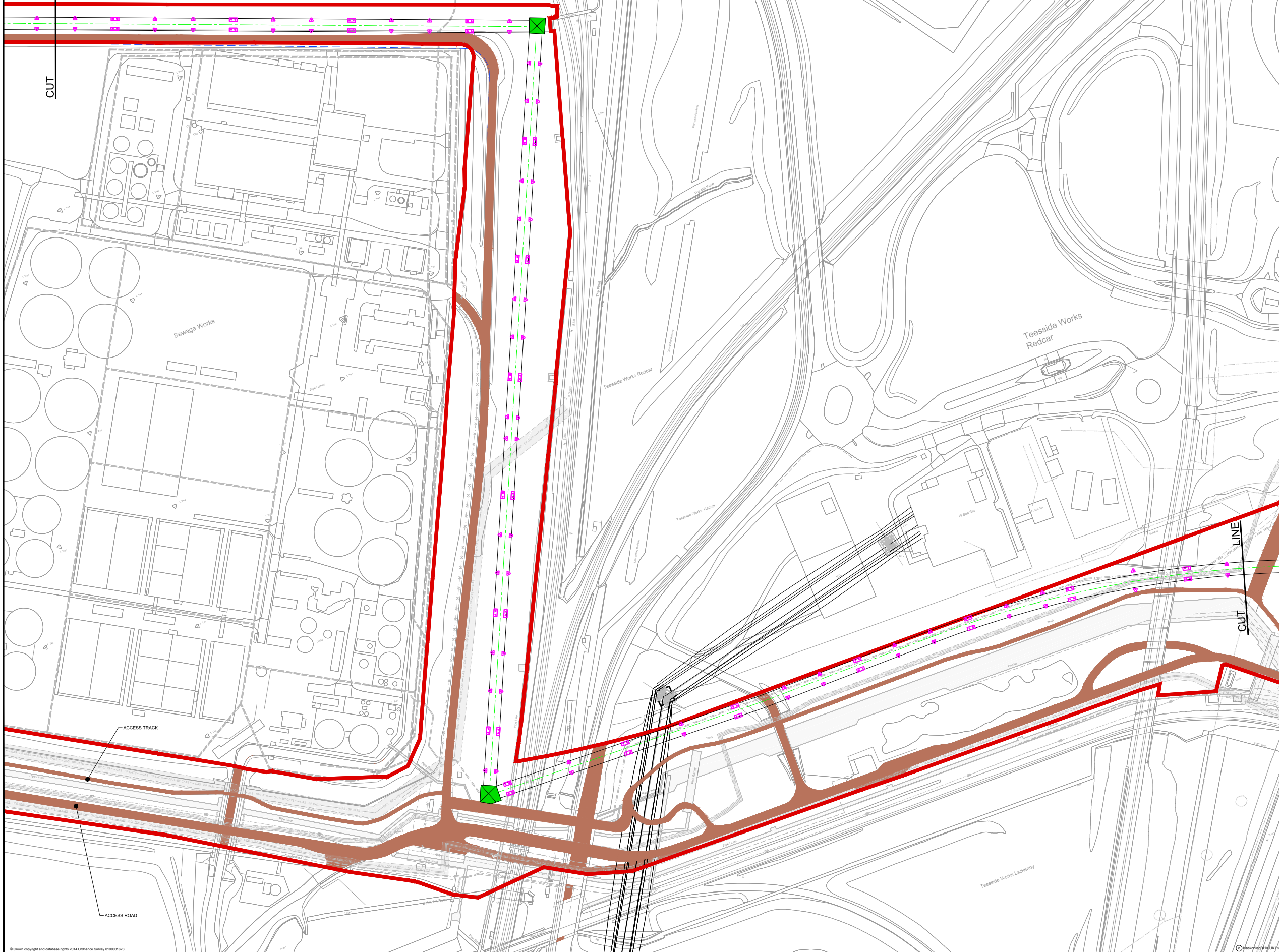
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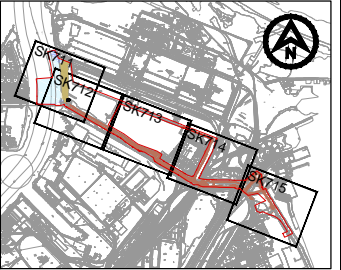


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NOTES
1. FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

- LEGEND**
- ORDER LIMITS
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NOTES

1. ALL STRUCTURE HEIGHTS ARE GIVEN ABOVE ADJACENT GROUND LEVEL.
2. FOR HEIGHTS ALONG THE ROUTE OF THE CONVEYOR PLEASE SEE DRAWING NUMBERS PB1586-SK420 AND PB1586-SK421.
3. FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

LEGEND

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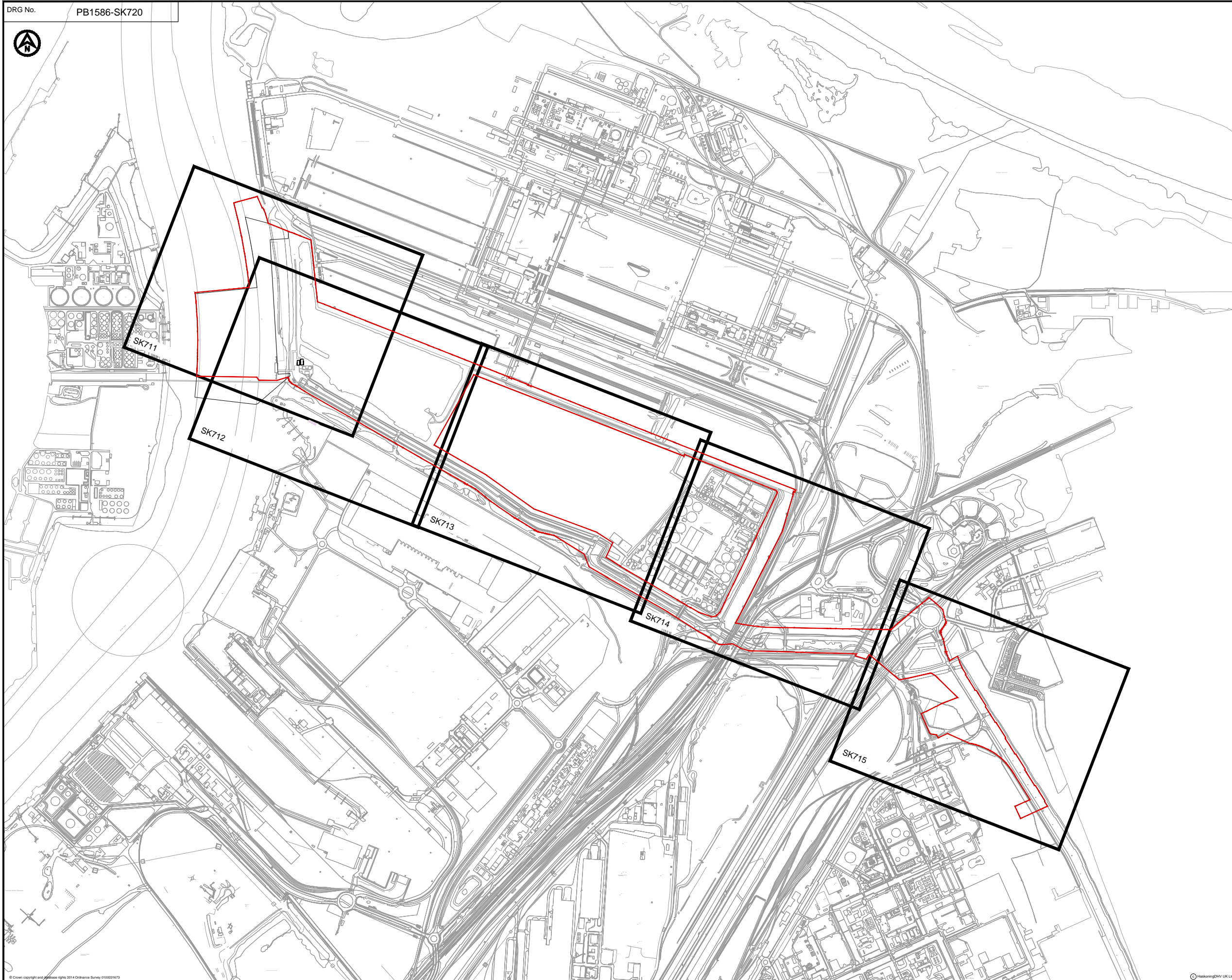
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HARBOUR FACILITIES ORDER 201X
LAYOUT PLANS (GROUND LEVEL)
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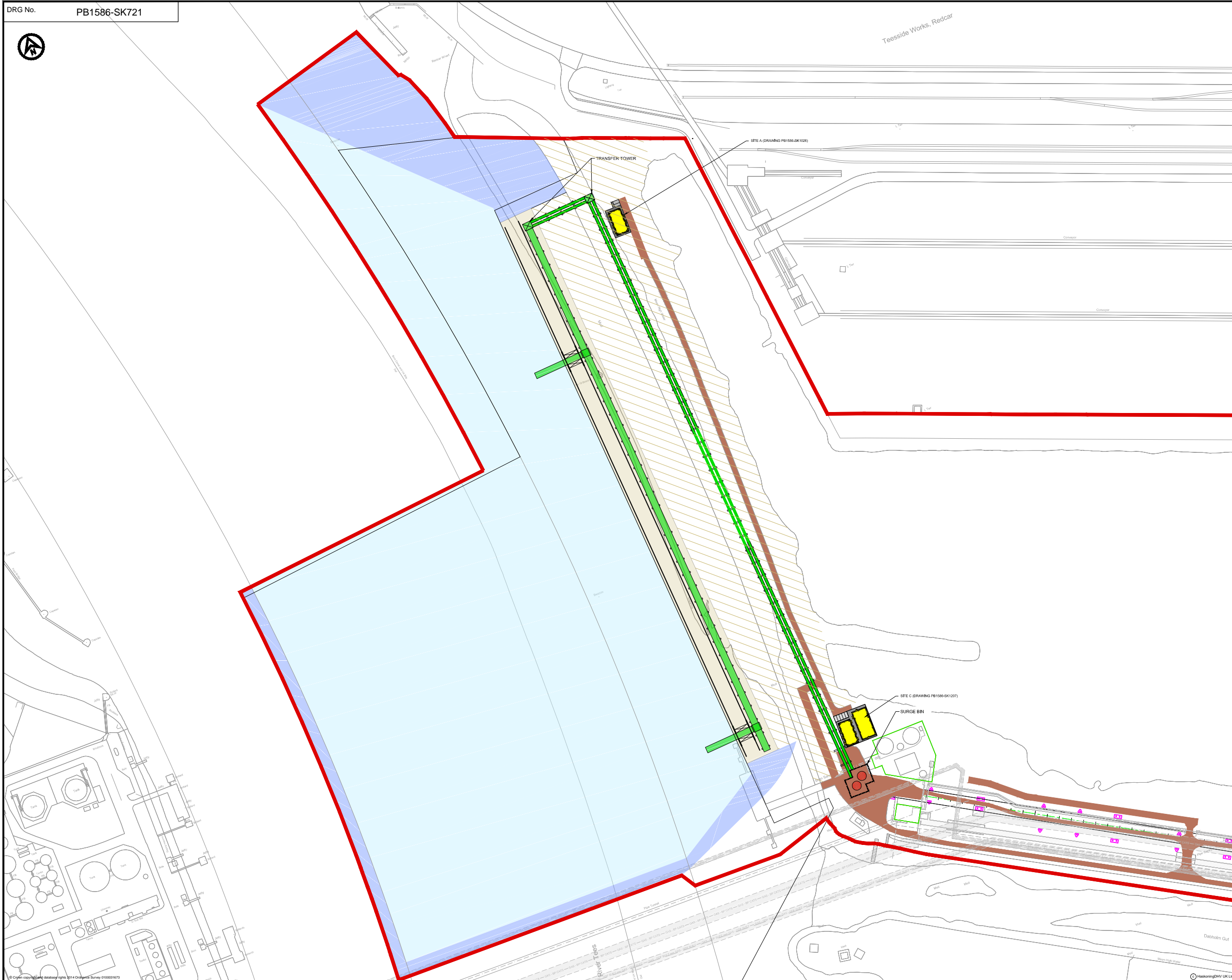
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THE YORK POTASH
HARBOUR FACILITIES ORDER 201X
LAYOUT PLANS (GROUND LEVEL)
SOUTHERN ROUTE - KEYPLAN
REGULATION 5 (2)(o)
DOCUMENT 3.2G

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- NOTES**
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 - FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.

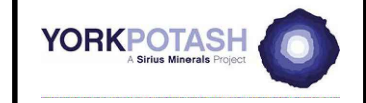


KEY PLAN

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 - CONVEYOR FOUNDATION LOCATIONS INDICATIVE ONLY
 - EXISTING BUILDING
 - CROWN ESTATES LANDOWNERS-IF BOUNDARY

REV	DATE	DESCRIPTION	BY	CHK	APP
C	16/03/15	PLANNING ISSUE	LW	DGB	RP
B	16/03/15	PLANNING ISSUE	LW	DGB	RP
A	11/03/15	PLANNING ISSUE	CH	MH	RP

REVISIONS



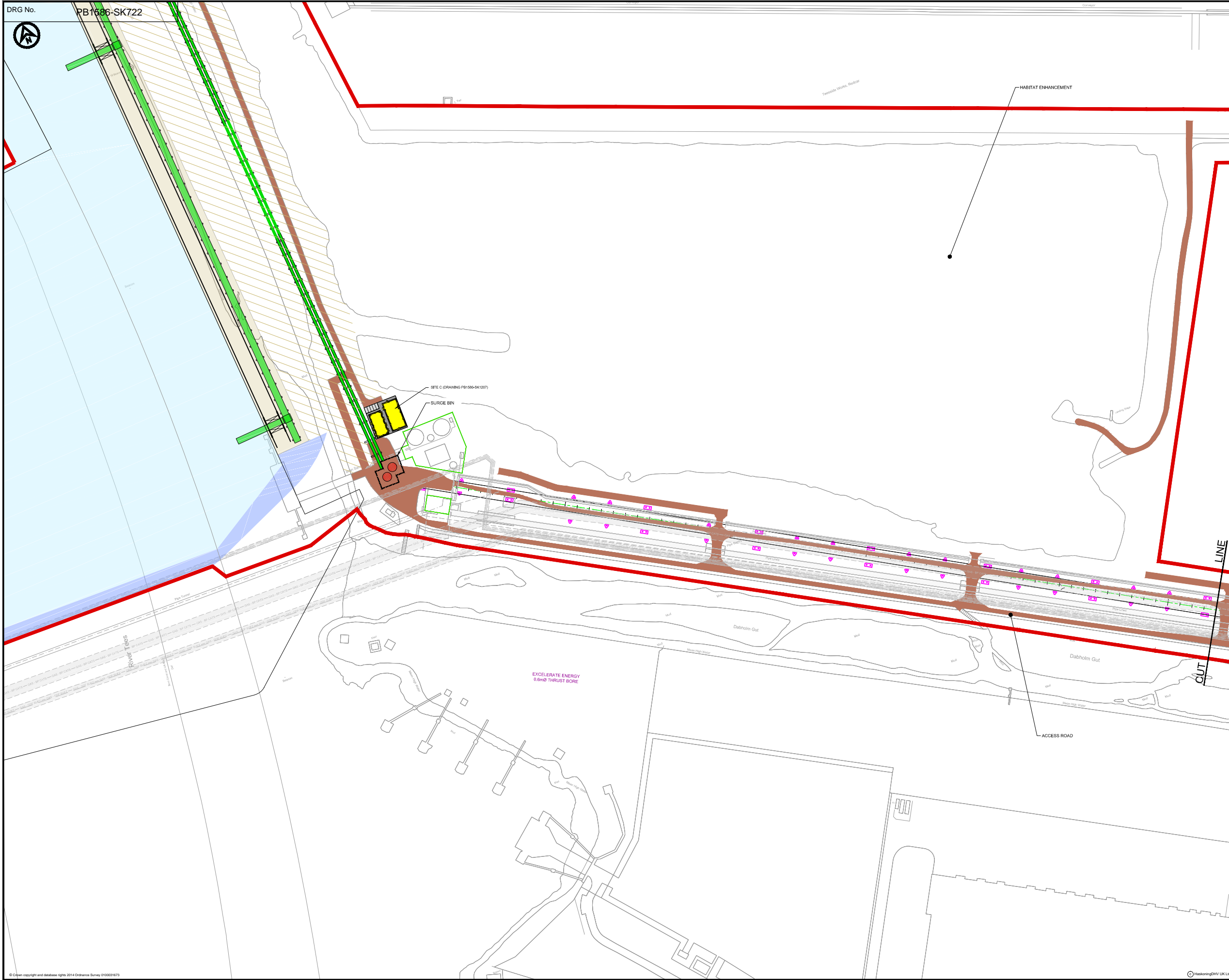
PROJECT
YORK POTASH

TITLE
THE YORK POTASH HARBOUR FACILITIES ORDER 201X LAYOUT PLANS (GROUND LEVEL) SOUTHERN ROUTE SHEET 1 REGULATION 5 (2)(o) DOCUMENT 3.2H

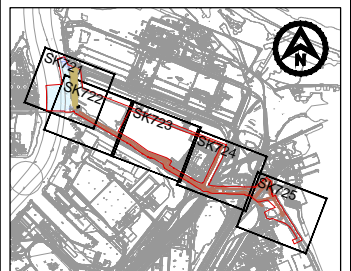


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DATE	FEB '15	CLIENT'S REF.			
SCALE	AT A0 1:1000	AUTOCAD REF.	PB1586-SK720-725.dwg		
DRAWING No.	PB1586-SK721	REVISION	C		

DRG No. PB1586-SK722



- NOTES
- FOR DETAILS OF THE WETLANDS REFER TO BRAN SANDS LAGOON MITIGATION AND MONITORING STRATEGY DRAFT APPENDIX 3.1 TO DOCUMENT 6.3.
 - BASED ON SOLID QUAY CONSTRUCTION.
 - FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

- LEGEND
- ORDER LIMITS
 - QUAYSIDE (ENGINEERING FILL)
 - DREDGED AREA
 - DREDGED BIDE SLOPES
 - EXTENT OF BERTH POCKET
 - TRANSFER TOWER
 - SURGE BINS
 - CONVEYORS AT THE QUAY
 - QUAY STRUCTURE
 - SECTION MARKER
 - ROADS
 - ADMINISTRATIVE AREAS ETC.
 - TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
 - HARDSTAND AREA
 - WALKWAYS
 - CONVEYOR FOUNDATION LOCATIONS
 - EXISTING ONLY
 - EXISTING BUILDING
 - CROWN ESTATES LANDOWNERSHIP BOUNDARY

REV	DATE	DESCRIPTION	BY	CHK	APP
C	11/03/15	PLANNING ISSUE	LW	DGB	RP
B	10/03/15	PLANNING ISSUE	LW	DGB	RP
A	11/03/14	PLANNING ISSUE	CH	MH	RP

REVISIONS



PROJECT YORK POTASH

TITLE THE YORK POTASH HARBOUR FACILITIES ORDER 201X LAYOUT PLANS (GROUND LEVEL) SOUTHERN ROUTE SHEET 2 REGULATION 5 (2)(o) DOCUMENT 3.2I



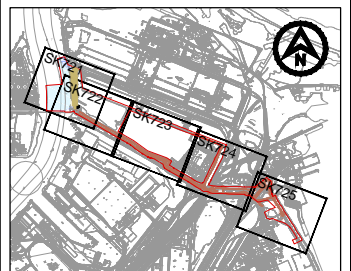
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DRAWING No.	PB1586-SK722	REVISION	C
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DRG No. PB1586-SK723



NOTES
1. FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

- LEGEND**
- ORDER LIMITS
 - QUAYSIDE (ENGINEERING FILL)
 - DREDGED AREA
 - DREDGED SIDE SLOPES
 - EXTENT OF BERTH POCKET
 - TRANSFER TOWER
 - SURGE BINS
 - CONVEYORS AT THE QUAY
 - QUAY STRUCTURE
 - SECTION MARKER
 - ROADS
 - ADMINISTRATIVE AREAS ETC.
 - TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
 - HARDSTAND AREA
 - WALKWAYS
 - CONVEYOR FOUNDATION LOCATIONS INDICATIVE ONLY
 - EXISTING BUILDING
 - CROWN ESTATES LANDOWNERS' BOUNDARY

REV	DATE	DESCRIPTION	BY	CHK	APP
C	16/03/14	PLANNING ISSUE	LW	DGB	RP
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A	11/03/14	PLANNING ISSUE	CH	MH	RP

REVISIONS



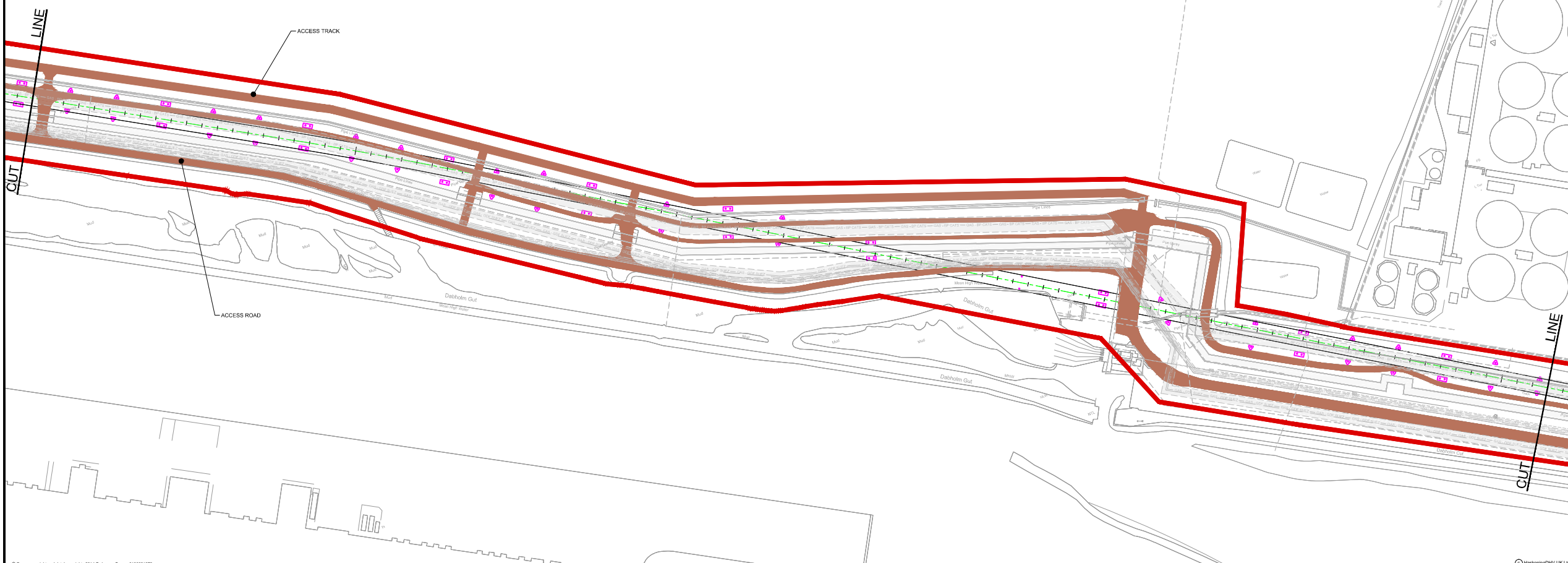
PROJECT
YORK POTASH

TITLE
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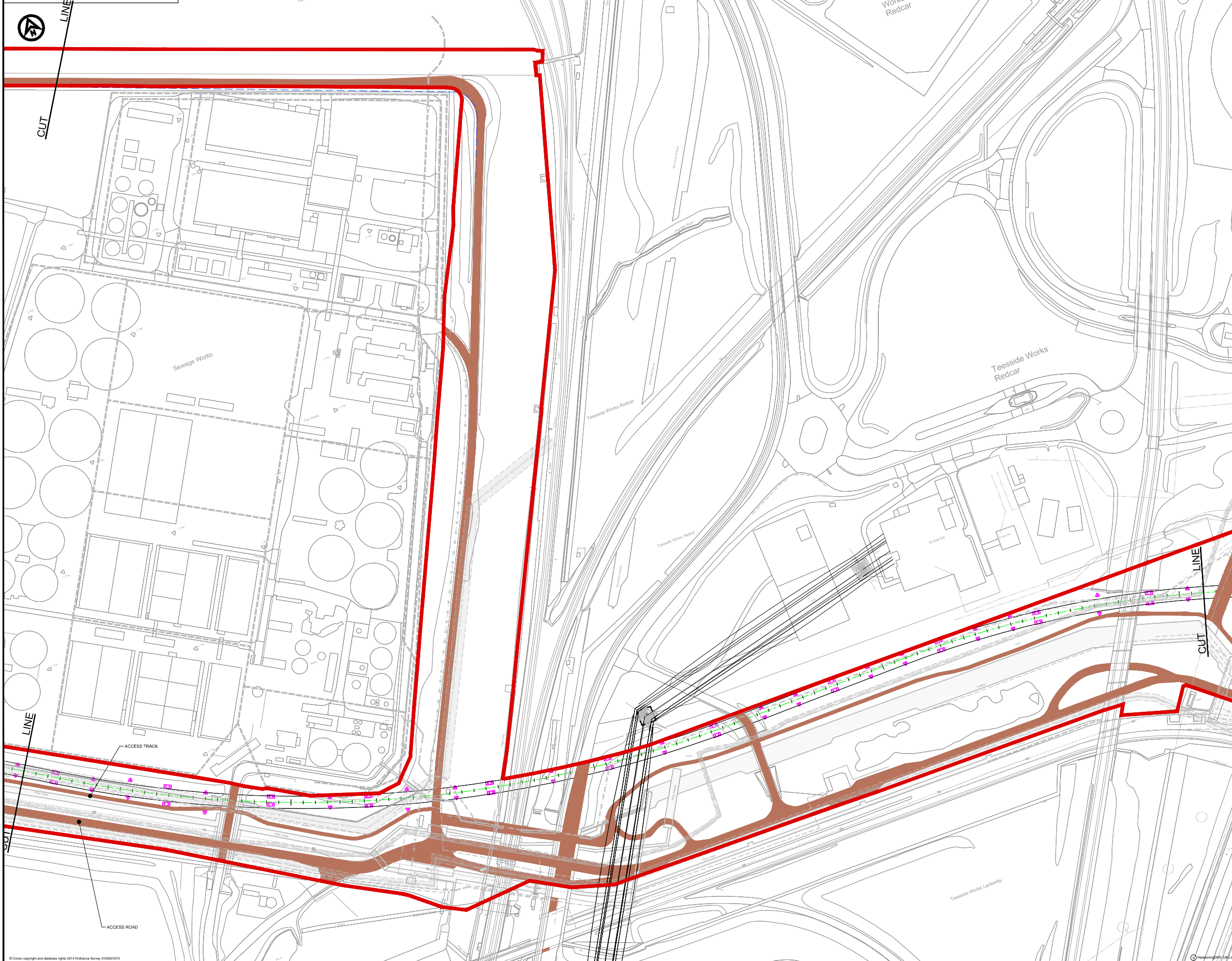


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DRAWING No.	PB1586-SK723	REVISION	C
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DRG No. PB1586-SK724



NOTES
1. FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.



KEY PLAN

- LEGEND**
- ORDER LIMITS
 - QUAYSIDE (ENGINEERING FILL)
 - DREDGED AREA
 - DREDGED SIDE SLOPES
 - EXTENT OF BERTH POCKET
 - TRANSFER TOWER
 - SURGE TANK
 - CONVEYORS AT THE QUAY
 - QUAY STRUCTURE
 - SECTION MARKER
 - ROADS
 - ADMINISTRATIVE AREAS ETC.
 - TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
 - HARDSTAND AREA
 - WALKWAYS
 - CONVEYOR FOUNDATION LOCATIONS INDICATIVE ONLY
 - EXISTING BUILDING
 - CROWN ESTATES LANDOWNERSHIP BOUNDARY

REV	DATE	DESCRIPTION	BY	CHK	APP
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B	11/01/15	PLANNING ISSUE	LW	DGB	RP
A	11/01/15	PLANNING ISSUE	CH	MH	RP

REVISIONS



PROJECT
YORK POTASH

TITLE
THE YORK POTASH
HARBOUR FACILITIES ORDER 201X
LAYOUT PLANS (GROUND LEVEL)
SOUTHERN ROUTE SHEET 4
REGULATION 5 (2)(o)
DOCUMENT 3.2K

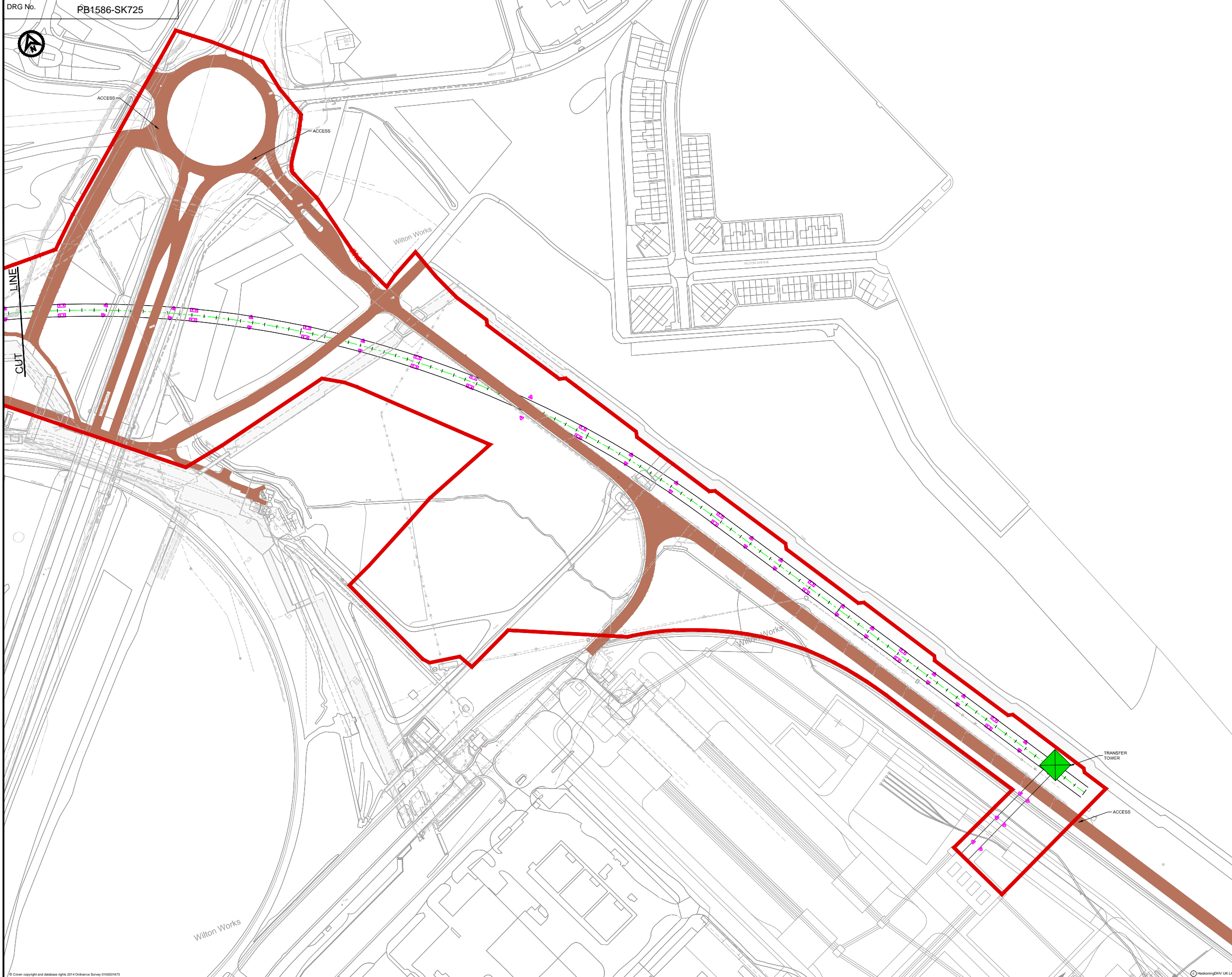


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DRAWING No. **PB1586-SK724** REVISION **C**

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DRG No. PB1586-SK725



NOTES

1. FOR ABOVE GROUND PIPES SEE DRAWINGS PB1586-SK490 TO PB1586-SK497 AND PB1586-SK1040 TO PB1586-SK1046.

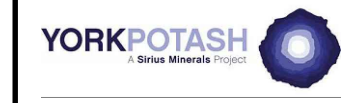


KEY PLAN

- LEGEND**
- ORDER LIMITS
 - QUAYSIDE (ENGINEERING FILL)
 - DREDGED AREA
 - DREDGED SIDE SLOPES
 - EXTENT OF BIRTH-POCKET
 - TRANSFER TOWER
 - SURGE BINS
 - CONVEYORS AT THE QUAY
 - QUAY STRUCTURE
 - SECTION MARKER
 - ROADS
 - ADMINISTRATIVE AREAS ETC.
 - TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - DIAI ENCLOSED CONVEYOR - 2 LEGS
 - HARDSTAND AREA
 - WALKWAYS
 - CONVEYOR FOUNDATION LOCATIONS (FOR THE ONLY)
 - EXISTING BUILDING
 - CROWN ESTATES LANDOWNERSHIP BOUNDARY

C	15/03/15	PLANNING ISSUE	LW	DGB	RP
B	15/03/15	PLANNING ISSUE	LW	DGB	RP
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REVISIONS



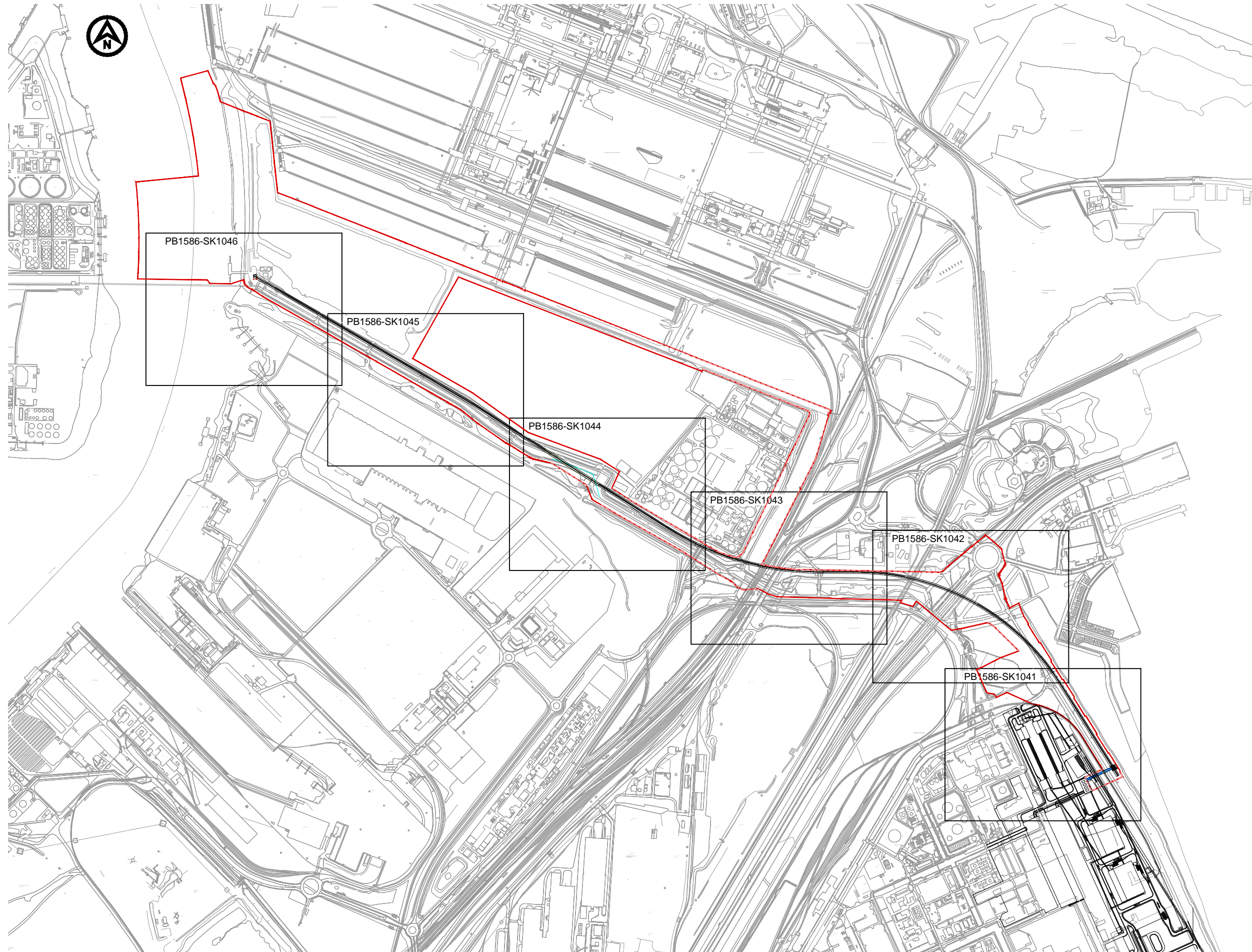
PROJECT
YORK POTASH

TITLE
THE YORK POTASH
HARBOUR FACILITIES ORDER 201X
LAYOUT PLANS (GROUND LEVEL)
SOUTHERN ROUTE SHEET 5
REGULATION 5 (2)(o)
DOCUMENT 3.2L



DRAWN	TF	CHECKED	SRS	PASSED	RP
DATE	FEB '15	CLIENT'S REF.			
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DRAWING No. PB1586-SK725 REVISION C



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A	03.02.15	ISSUED FOR INFORMATION	LW	DGB	SM
REV	DATE	DESCRIPTION	BY	CHK	APP

REVISIONS

PROJECT
YORK POTASH

TITLE
THE YORK POTASH HARBOUR FACILITIES ORDER 201X CONVEYOR ROUTE SOUTHERN ROUTE - KEY PLAN REGULATION 5(2)(c) DOCUMENT 3.3A

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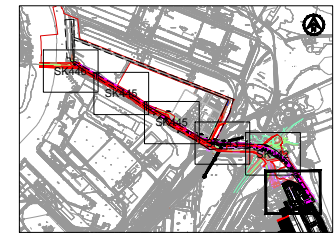
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SCALE	AT A1	NTS	AUTOCAD REF.	PB1586-SK1040	

DRAWING No.	PB1586-SK1040	REVISION	E
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NOTES

- MAJOR CROSSINGS**
- | | |
|----------------------------------|-----------------------------|
| MC 0 : Eastern Boundary Road | - Pass over in bridge |
| MC 1 : Highway A1085 | - Pass over in bridge |
| MC 2 : YPL 1st access road | - Pass over in bridge |
| MC 3 : Hot metal rail | - Pass over in bridge |
| MC 4 : NWL 2nd access road | - Pass over in bridge |
| MC 5 : National power grid lines | - Pass under 10 m clearance |
| MC 6 : SSI road bridge | - Pass over in bridge |
| MC 7 : National rail way | - Pass over in bridge |
| MC 8 : Access NWL W.T.P. | - Pass over in bridge |
| MC 9 : Outfall | - Pass over in bridge |



KEY PLAN
SCALE 1:50000

LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROADS
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBCORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LIMITS OF DEVIATION

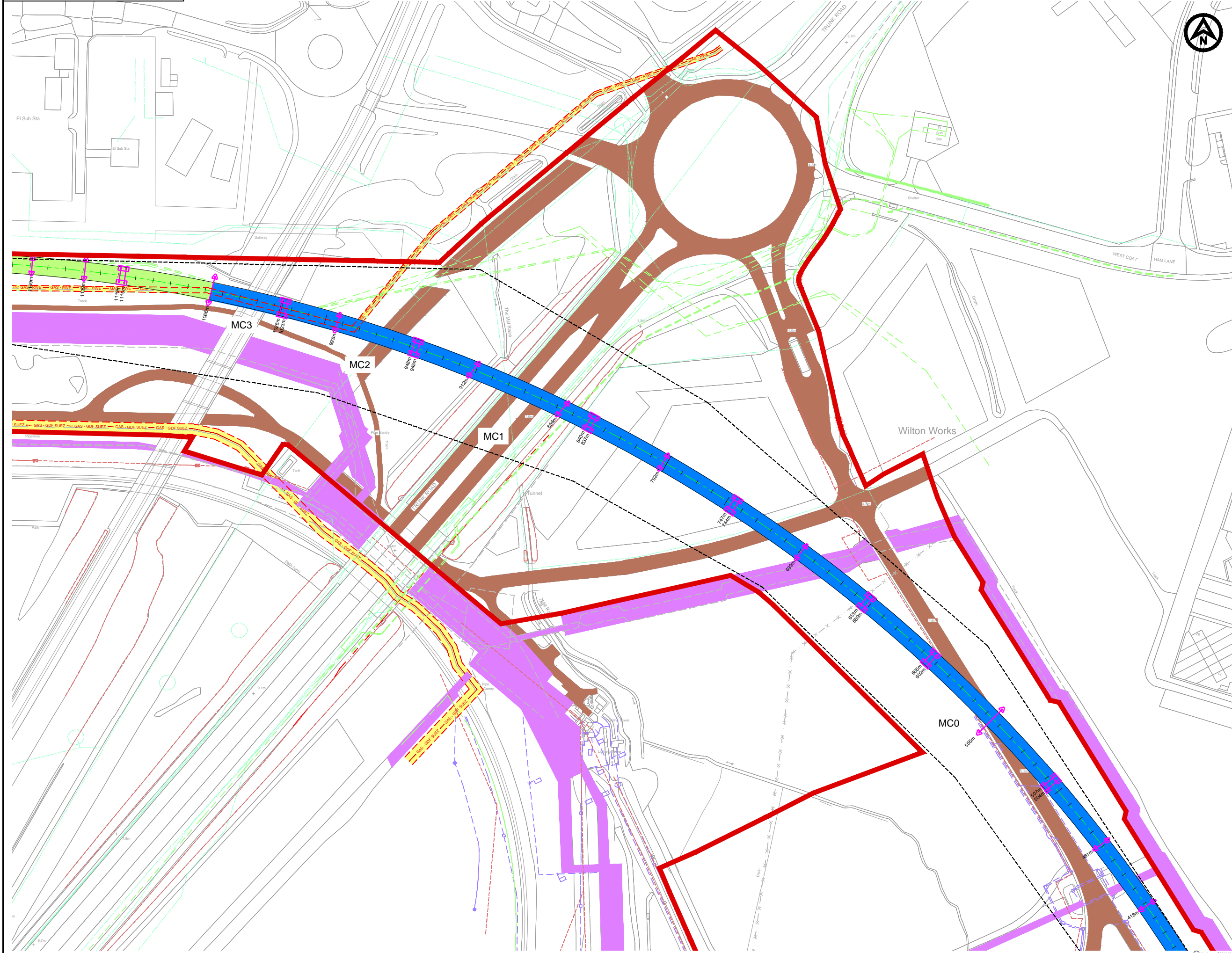
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REVISIONS

PROJECT
YORK POTASH

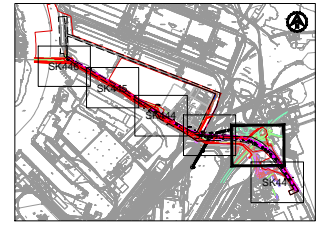
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DATE	JAN 15	CLIENT'S REF.			
SCALE AT A1	1:1000	AUTOCAD REF.	PB1586-SK1041		
DRAWING No.	PB1586-SK1041				REVISION
					E



NOTES

- MAJOR CROSSINGS**
- MC 0 : Eastern Boundary Road - Pass over on bridge
 - MC 1 : Highway A1085 - Pass over on bridge
 - MC 2 : YPL 1st access road - Pass over on bridge
 - MC 3 : Hot metal rail - Pass over on bridge
 - MC 4 : NWL 2nd access road - Pass over on bridge
 - MC 5 : National power grid lines - Pass under 10 m clearance
 - MC 6 : SSI road bridge - Pass over on bridge
 - MC 7 : National rail way - Pass over on bridge
 - MC 8 : Access NWL W.T.P. - Pass over on bridge
 - MC 9 : Outfall - Pass over on bridge



- LEGEND - CONVEYOR**
- TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
 - TRANSFER TOWER
 - ACCESS ROADS
 - CONVEYOR FOOTINGS
 - CONVEYOR AT THE QUAY

- LEGEND - EXISTING SERVICES**
- EASEMENT ZONES
 - GAS - BP CATS
 - GAS - GDF SUEZ
 - GAS - RWE
 - FIBRE OPTIC CABLE
 - MISC - DRAINS, CABLES, DUCTS
 - FOUL WATER - SEMBCORP
 - WATER - NWL
 - GAS - ABANDONED
 - ABOVEGROUND PIPELINE CORRIDOR
 - OVERHEAD POWER CABLES
 - CONVEYOR LIMITS OF DEVIATION

REV	DATE	DESCRIPTION	BY	CHK	APP
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D	16.03.15	MINOR REVISIONS	CH	DGB	MH
C	11.03.15	MINOR REVISIONS	LW	DGB	MH
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A	03.02.15	ISSUED FOR INFORMATION	LW	DGB	SM

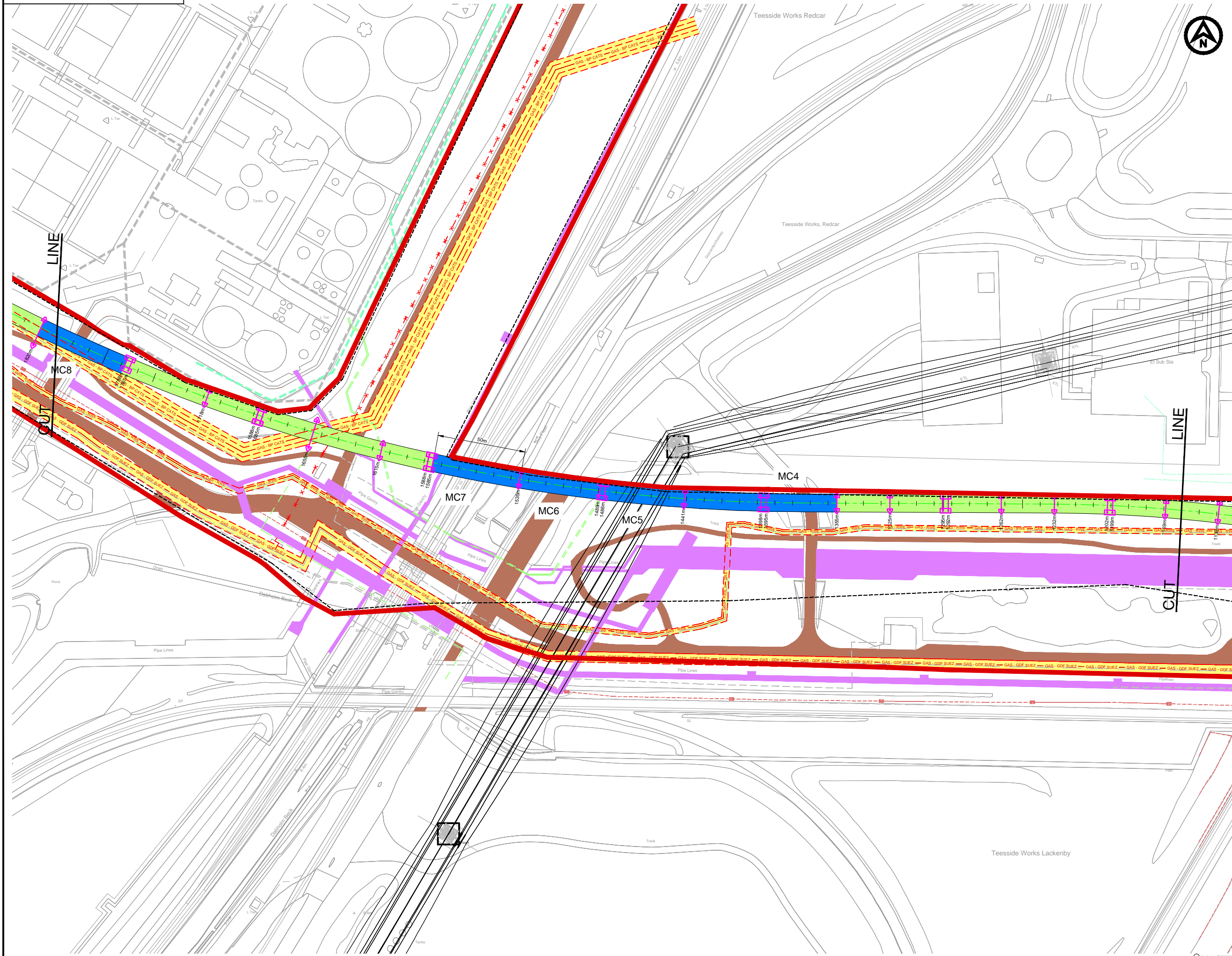
REVISIONS

PROJECT
YORK POTASH

TITLE
THE YORK POTASH HARBOUR FACILITIES ORDER 201X CONVEYOR ROUTE PLANS SOUTHERN ROUTE - SHEET 2 REGULATION 5(2)(o) DOCUMENT 3.3C

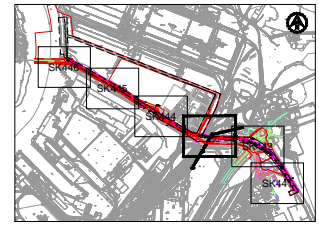
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DATE	JAN'15	CLIENT'S REF.			
SCALE AT A1	1:1000	AUTOCAD REF.	PB1586-SK1042		
DRAWING No.	PB1586-SK1042				REVISION
					E



NOTES

- MAJOR CROSSINGS**
- MC 0 : Eastern Boundary Road - Pass over in bridge
 - MC 1 : Highway A1085 - Pass over in bridge
 - MC 2 : YPL 1st access road - Pass over in bridge
 - MC 3 : Hot metal rail - Pass over in bridge
 - MC 4 : NWL 2nd access road - Pass over in bridge
 - MC 5 : National power grid lines - Pass under 10 m clearance
 - MC 6 : SSI road bridge - Pass over in bridge
 - MC 7 : National rail way - Pass over in bridge
 - MC 8 : Access NWL W.T.P. - Pass over in bridge
 - MC 9 : Outfall - Pass over in bridge



KEY PLAN
SCALE 1:50000

LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROADS
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBOORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LIMITS OF DEVIATION

REV	DATE	DESCRIPTION	BY	CHK	APP
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B	08.03.15	ISSUED FOR INFORMATION	TF	DGB	MH
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REVISIONS

YORKPOTASH
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PROJECT
YORK POTASH

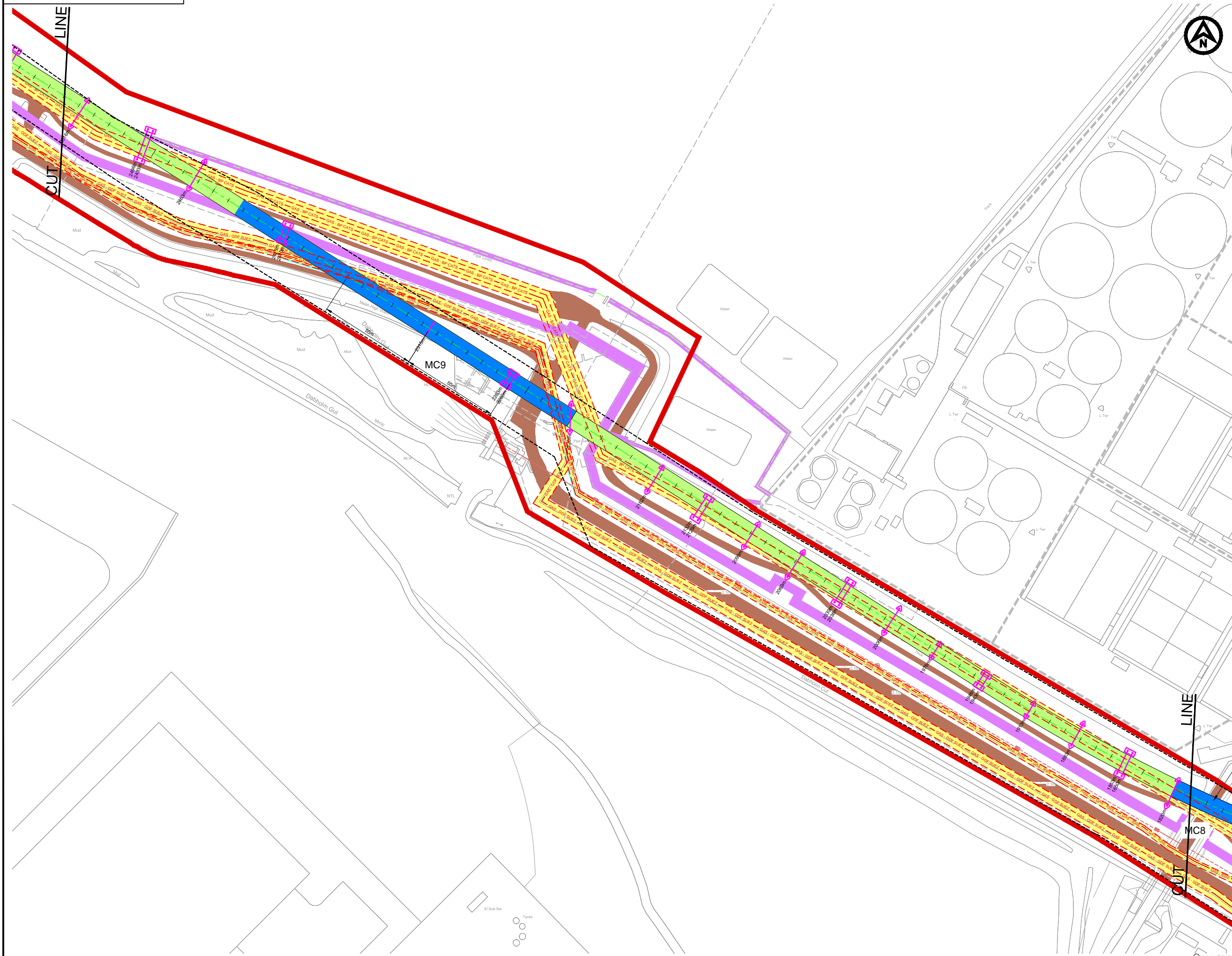
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HASKONINGDHV UK LTD
MARITIME & WATERWAYS

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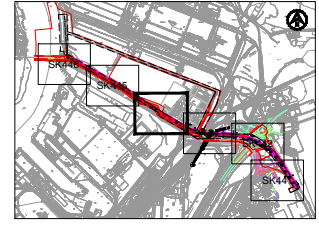
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DRAWING No. **PB1586-SK1043** REVISION **E**



NOTES

- MAJOR CROSSINGS**
- MC 0 : Eastern Boundary Road - Pass over in bridge
 - MC 1 : Highway A1085 - Pass over in bridge
 - MC 2 : YPL 1st access road - Pass over in bridge
 - MC 3 : Hot metal rail - Pass over in bridge
 - MC 4 : NWL 2nd access road - Pass over in bridge
 - MC 5 : National power grid lines - Pass under 10 m clearance
 - MC 6 : SSI road bridge - Pass over in bridge
 - MC 7 : National rail way - Pass over in bridge
 - MC 8 : Access NWL W.T.P. - Pass over in bridge
 - MC 9 : Outfall - Pass over in bridge



KEY PLAN
SCALE 1:50000

- LEGEND - CONVEYOR**
- TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
 - TRANSFER TOWER
 - ACCESS ROADS
 - CONVEYOR FOOTINGS
 - CONVEYOR AT THE QUAY

- LEGEND - EXISTING SERVICES**
- - - EASEMENT ZONES
 - - - GAS - BP CATS
 - - - GAS - GDF SUEZ
 - - - GAS - RWE
 - - - FIBRE OPTIC CABLE
 - - - MISC - DRAINS, CABLES, DUCTS
 - - - FOUL WATER - SEMBCORP
 - - - WATER - NWL
 - x - x - GAS - ABANDONED
 - ABOVEGROUND PIPELINE CORRIDOR
 - OVERHEAD POWER CABLES
 - CONVEYOR LIMITS OF DEVIATION

REV	DATE	DESCRIPTION	BY	CHK	APP
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A	03.02.15	ISSUED FOR INFORMATION	LW	DGB	SM

REVISIONS

YORKPOTASH
A Sirius Minerals Project

PROJECT
YORK POTASH

TITLE
THE YORK POTASH HARBOUR FACILITIES ORDER 201X CONVEYOR ROUTE PLANS SOUTHERN ROUTE - SHEET 4 REGULATION 5(2)(o) DOCUMENT 3.3E

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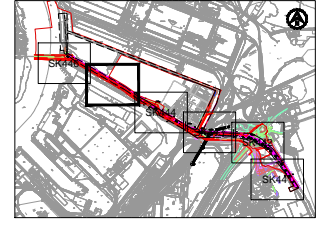
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DRAWING No.	PB1586-SK1044	REVISION	E
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NOTES

- MAJOR CROSSINGS**
- MC 0 : Eastern Boundary Road - Pass over in bridge
 - MC 1 : Highway A1085 - Pass over in bridge
 - MC 2 : YPL 1st access road - Pass over in bridge
 - MC 3 : Hot metal rail - Pass over in bridge
 - MC 4 : NWL 2nd access road - Pass over in bridge
 - MC 5 : National power grid lines - Pass under 10 m clearance
 - MC 6 : SSI road bridge - Pass over in bridge
 - MC 7 : National rail way - Pass over in bridge
 - MC 8 : Access NWL W.T.P. - Pass over in bridge
 - MC 9 : Outfall - Pass over in bridge



KEY PLAN
SCALE 1:50000

LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROADS
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBOCORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LIMITS OF DEVIATION

REV	DATE	DESCRIPTION	BY	CHK	APP
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REVISIONS

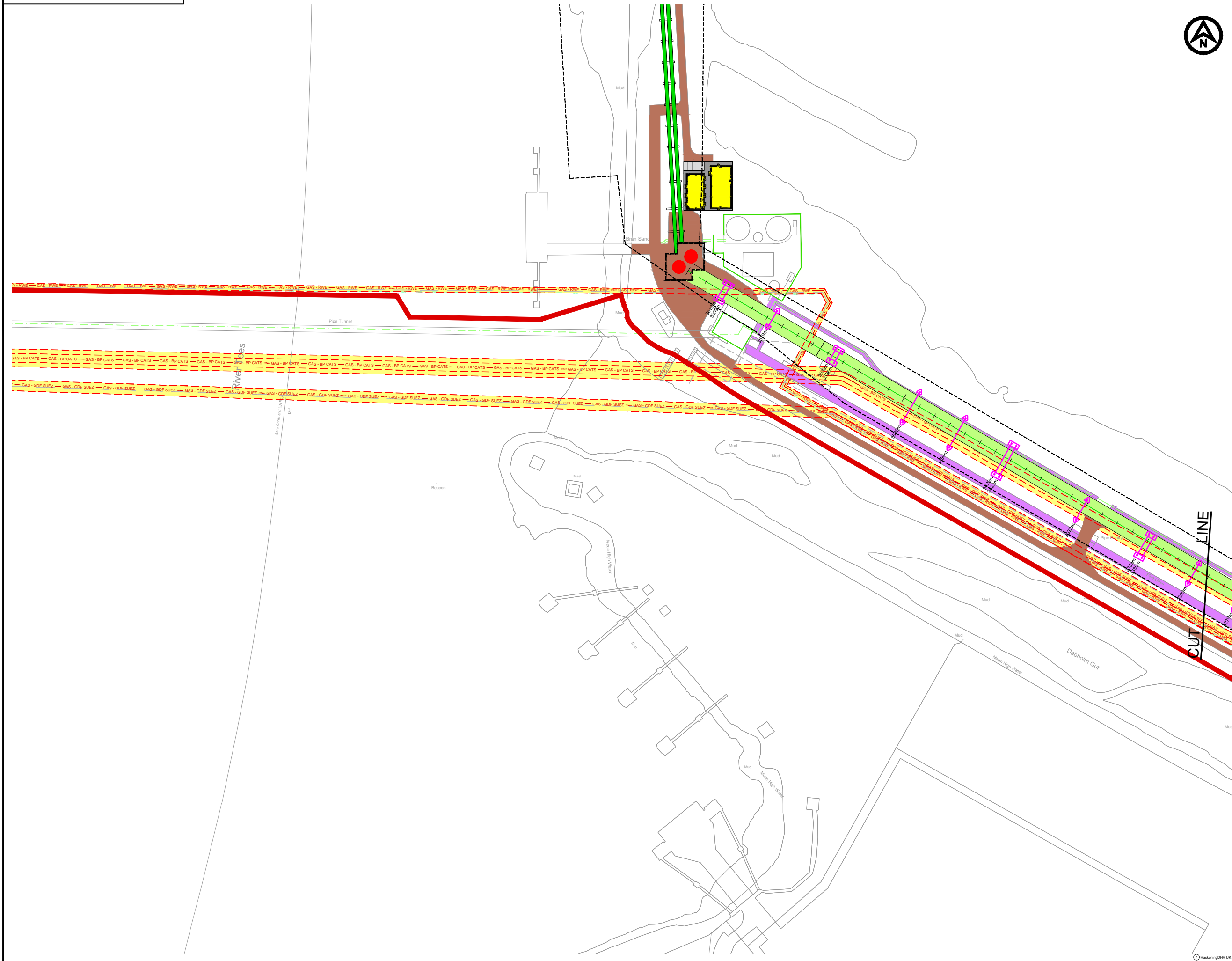
PROJECT
YORK POTASH

TITLE
THE YORK POTASH HARBOUR FACILITIES ORDER 201X CONVEYOR ROUTE PLANS SOUTHERN ROUTE - SHEET 5 REGULATION 5(2)(o) DOCUMENT 3.3F

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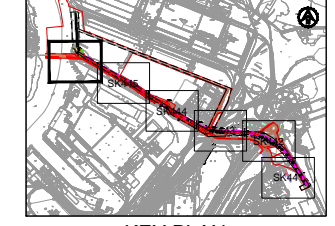
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DATE	JAN'15	CLIENT'S REF.			
SCALE AT A1	1:1000	AUTOCAD REF.	PB1586-SK1045		

DRAWING No.	PB1586-SK1045	REVISION	E
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NOTES

- MAJOR CROSSINGS**
- MC 0 : Eastern Boundary Road - Pass over in bridge
 - MC 1 : Highway A1085 - Pass over in bridge
 - MC 2 : YPL 1st access road - Pass over in bridge
 - MC 3 : Hot metal rail - Pass over in bridge
 - MC 4 : NWL 2nd access road - Pass over in bridge
 - MC 5 : National power grid lines - Pass under 10 m clearance
 - MC 6 : SSI road bridge - Pass over in bridge
 - MC 7 : National rail way - Pass over in bridge
 - MC 8 : Access NWL W.T.P. - Pass over in bridge
 - MC 9 : Outfall - Pass over in bridge



- LEGEND - CONVEYOR**
- TYPE 3 - OPEN CONVEYOR - 2 LEGS
 - TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS

- LEGEND - EXISTING SERVICES**
- EASEMENT ZONES
 - GAS - BP CATS
 - GAS - GDF SUEZ
 - GAS - RWE
 - FIBRE OPTIC CABLE
 - MISC - DRAINS, CABLES, DUCTS
 - FOUL WATER - SEMBCORP
 - WATER - NWL
 - GAS - ABANDONED
 - ABOVEGROUND PIPELINE CORRIDOR
 - OVERHEAD POWER CABLES
 - CONVEYOR FOOTINGS
 - CONVEYOR AT THE QUAY
 - CONVEYOR LIMITS OF DEVIATION

- LEGEND - CONVEYOR**
- SURGE BINS
 - ACCESS ROADS
 - EXISTING BUILDING

REV	DATE	DESCRIPTION	BY	CHK	APP
E	10.03.15	PLANNING ISSUE	LW	DGB	MH
D	16.03.15	MINOR REVISIONS	CH	DGB	MH
C	12.03.15	MINOR REVISIONS	LW	DGB	MH
B	08.03.15	ISSUED FOR INFORMATION	TF	DGB	MH
A	03.02.15	ISSUED FOR INFORMATION	LW	DGB	SM

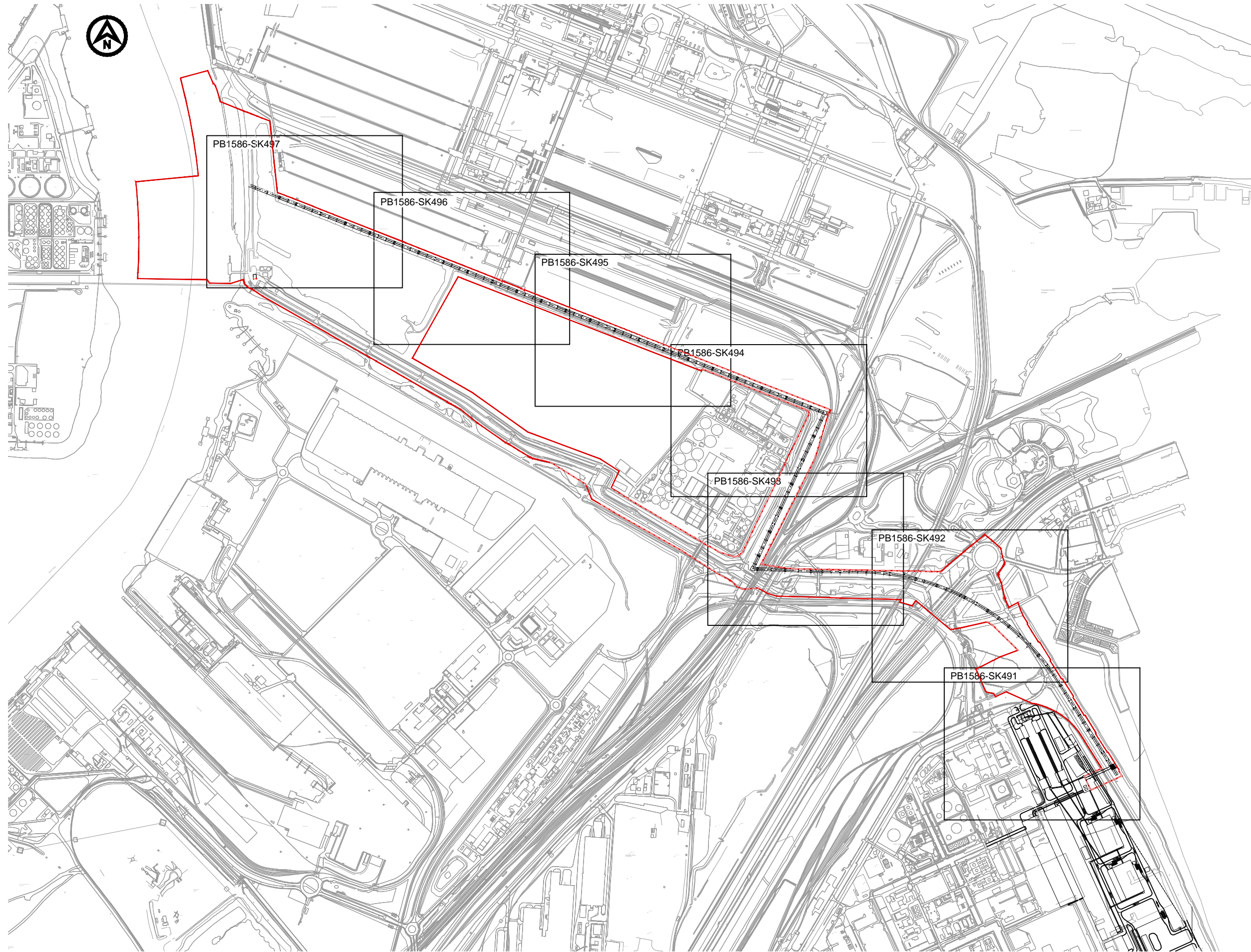
REVISIONS

PROJECT
YORK POTASH

TITLE
THE YORK POTASH HARBOUR FACILITIES ORDER 201X CONVEYOR ROUTE PLANS SOUTHERN ROUTE - SHEET 6 REGULATION 5(2)(o) DOCUMENT 3.3G

DRAWN	LW	CHECKED	DGB	PASSED	SM
DATE	JAN'15	CLIENT'S REF.			

SCALE AT A1	1:1000	AUTOCAD REF.	PB1586-SK1046
DRAWING No.	PB1586-SK1046	REVISION	E



E	19.03.15	PLANNING ISSUE	LW	DGB	MH
D	16.03.15	MINOR REVISIONS	CH	DGB	MH
C	12.03.15	MINOR REVISIONS	LW	DGB	MH
B	08.03.15	ISSUED FOR INFORMATION	TF	DGB	MH
A	27.02.15	FIRST ISSUE	LW	DGB	RWP
REV	DATE	DESCRIPTION	BY	CHK	APP

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PROJECT

YORK POTASH

TITLE

THE YORK POTASH
HARBOUR FACILITIES ORDER 201X
CONVEYOR NORTHERN ROUTE - KEY PLAN
REGULATION 5(2)(c)
DOCUMENT 3.3H

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DRAWN	LW	CHECKED	DGB	PASSED	RWP
DATE	FEB'15	CLIENT'S REF.			
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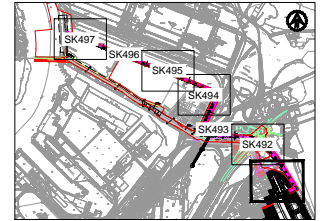
DRAWING No.	PB1586-SK490	REVISION	E
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NOTES

MAJOR CROSSINGS

- | | |
|----------------------------------|-----------------------------|
| MC 0 : Eastern Boundary Road | - Pass over in bridge |
| MC 1 : Highway A1085 | - Pass over in bridge |
| MC 2 : YPL 1st access road | - Pass over in bridge |
| MC 3 : Hot metal rail | - Pass over in bridge |
| MC 4 : NWL 2nd access road | - Pass over in bridge |
| MC 5 : National power grid lines | - Pass under 10 m clearance |
| MC 6 : SSI road bridge | - Pass over in bridge |
| MC 7 : National rail way | - Pass over in bridge |
| MC 8 : Access NWL W.T.P. | - Pass over in bridge |
| MC 9 : Outfall | - Pass over in bridge |



KEY PLAN
SCALE 1:50000

LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROUTES
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBOCORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LATERAL LIMITS OF DEVIATION

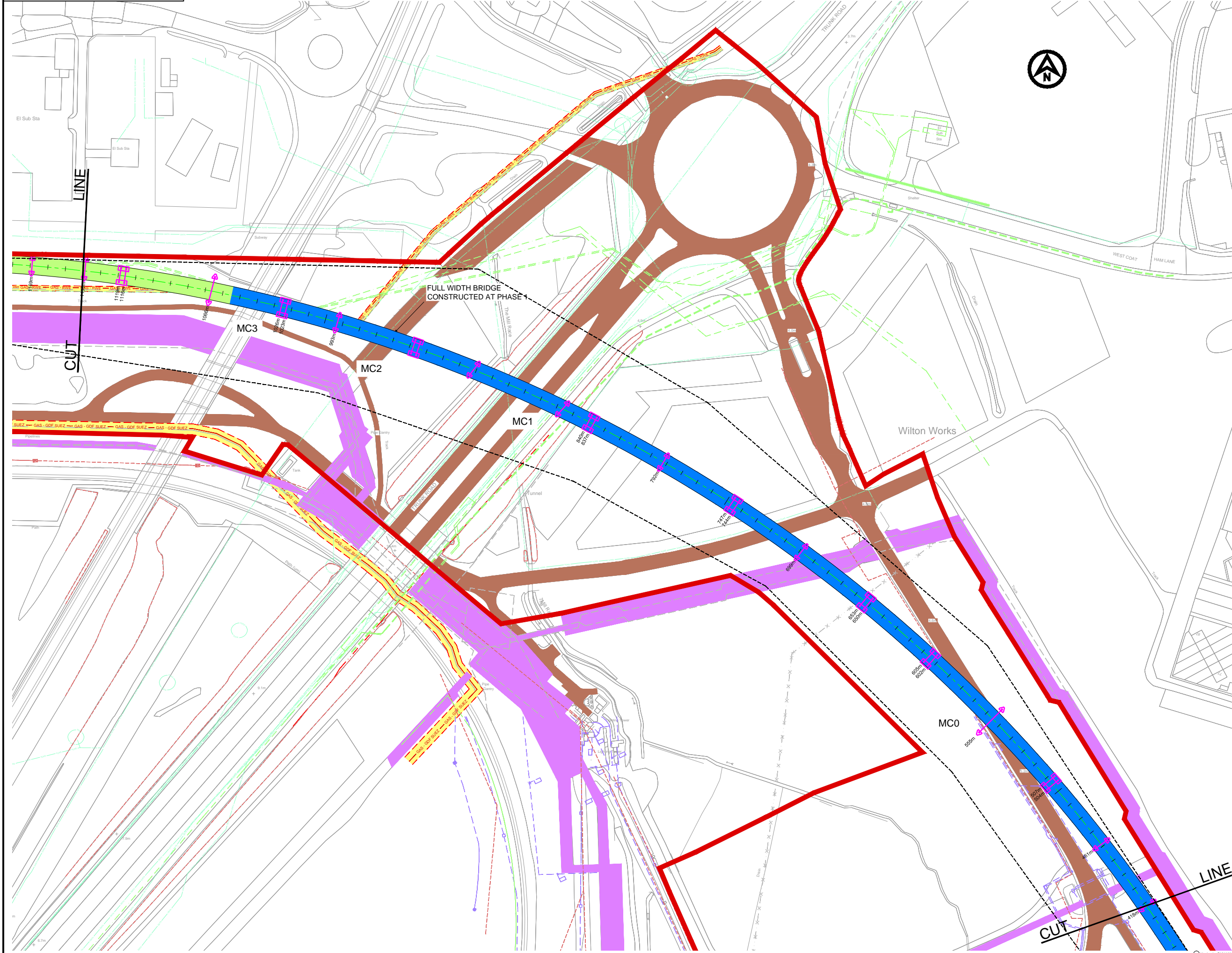
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D	10.03.15	MINOR REVISIONS	CH	DGB	MH
C	10.03.15	MINOR REVISIONS	LW	DGB	MH
B	08.03.15	ISSUED FOR APPROVAL	TF	DGB	MH
A	27.02.15	FIRST ISSUE	LW	DGB	RWP

REVISIONS

PROJECT
YORK POTASH

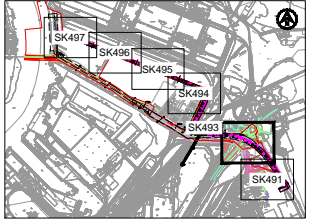
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DATE	FEB'15	CLIENT'S REF.			
SCALE AT A1	1:1000	AUTOCAD REF.	PB1586-SK491		
DRAWING No.	PB1586-SK491				REVISION
					E



NOTES

- MAJOR CROSSINGS**
- MC 0 : Eastern Boundary Road - Pass over in bridge
 - MC 1 : Highway A1085 - Pass over in bridge
 - MC 2 : YPL 1st access road - Pass over in bridge
 - MC 3 : Hot metal rail - Pass over in bridge
 - MC 4 : NWL 2nd access road - Pass over in bridge
 - MC 5 : National power grid lines - Pass under 10 m clearance
 - MC 6 : SSI road bridge - Pass over in bridge
 - MC 7 : National rail way - Pass over in bridge
 - MC 8 : Access NWL W.T.P. - Pass over in bridge
 - MC 9 : Outfall - Pass over in bridge



KEY PLAN
SCALE 1:50000

LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROUTES
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBCORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LATERAL LIMITS OF DEVIATION

E	19.03.15	PLANNING ISSUE	LW	DGB	MH
D	16.03.15	MINOR REVISIONS	CH	DGB	MH
C	11.03.15	MINOR REVISIONS	LW	DGB	MH
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A	27.02.15	FIRST ISSUE	LW	DGB	RWP
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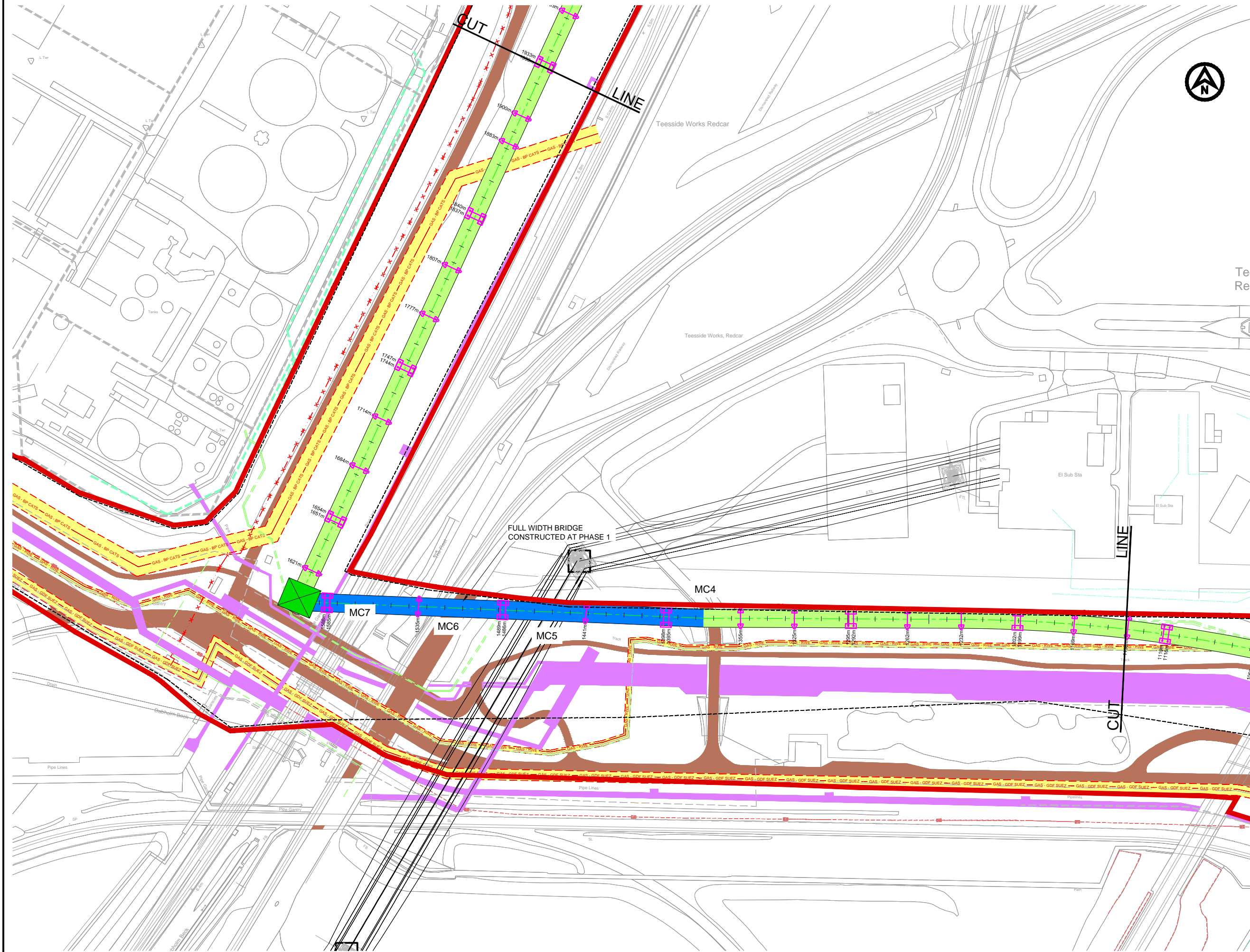
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PROJECT
YORK POTASH

TITLE
THE YORK POTASH HARBOUR FACILITIES ORDER 201X CONVEYOR ROUTE PLANS NORTHERN ROUTE - SHEET 2 REGULATION 5(2)(c) DOCUMENT 3.3J

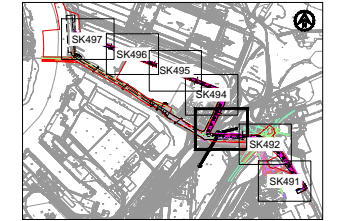
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DATE	FEB'15	CLIENT'S REF.			
SCALE AT A1	1:1000	AUTOCAD REF.	PB1586-SK492		

DRAWING No. **PB1586-SK492** REVISION **E**



NOTES

- MAJOR CROSSINGS**
- MC 0: Eastern Boundary Road - Pass over in bridge
 - MC 1: Highway A1085 - Pass over in bridge
 - MC 2: YPL 1st access road - Pass over in bridge
 - MC 3: Hot metal rail - Pass over in bridge
 - MC 4: NWL 2nd access road - Pass over in bridge
 - MC 5: National power grid lines - Pass under 10 m clearance
 - MC 6: SSI road bridge - Pass over in bridge
 - MC 7: National rail way - Pass over in bridge
 - MC 8: Access NWL W.T.P. - Pass over in bridge
 - MC 9: Outfall - Pass over in bridge



LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROUTES
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBCORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LATERAL LIMITS OF DEVIATION

REV	DATE	DESCRIPTION	BY	CHK	RWP
E	10.03.15	PLANNING ISSUE	LW	DGB	MH
D	16.03.15	MINOR REVISIONS	CH	DGB	MH
C	11.03.15	MINOR REVISIONS	LW	DGB	MH
B	08.03.15	ISSUED FOR APPROVAL	TF	DGB	MH
A	27.02.15	FIRST ISSUE	LW	DGB	RWP

REVISIONS

YORKPOTASH
A Sirius Minerals Project

PROJECT: YORK POTASH

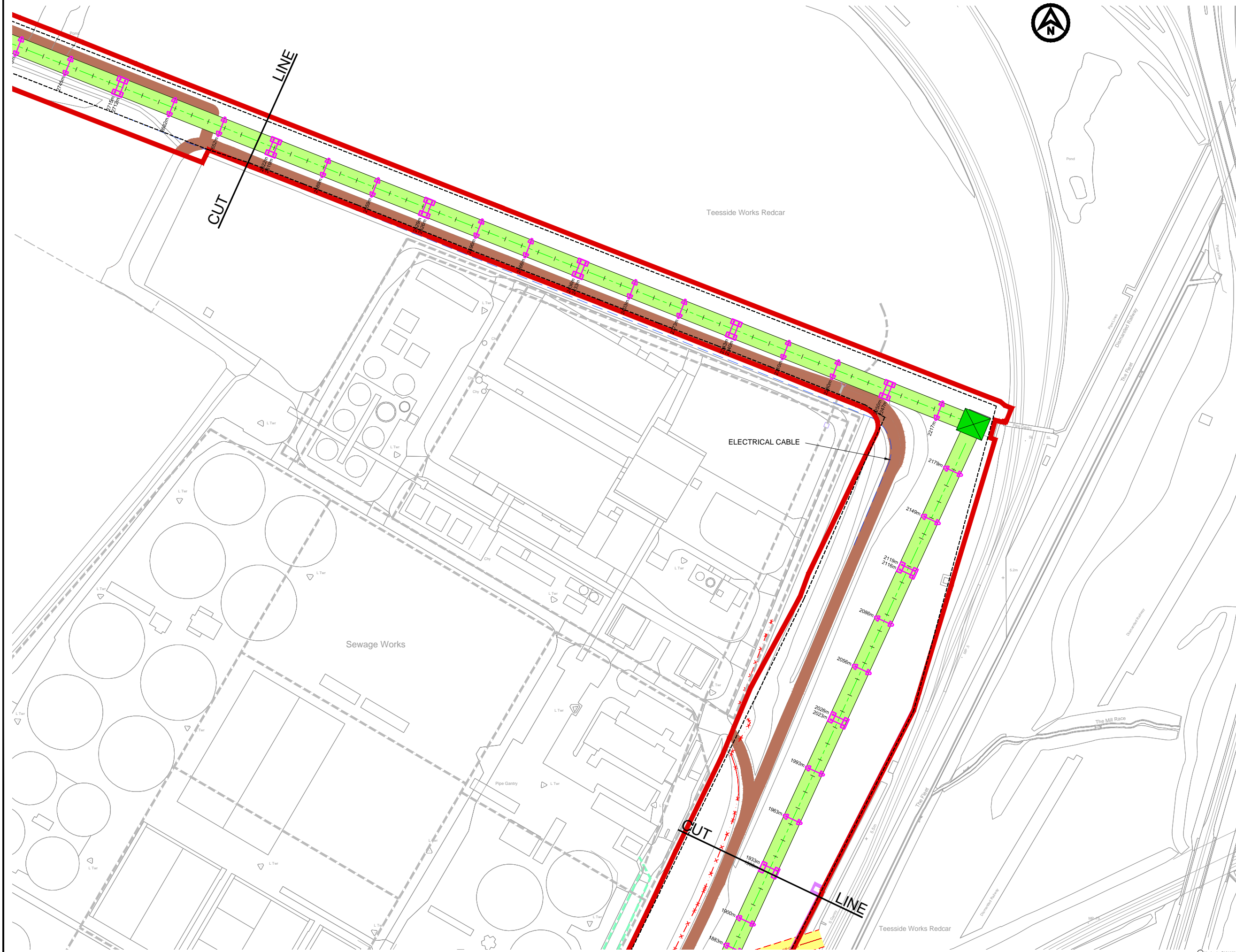
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DATE	FEB'15	CLIENT'S REF.			

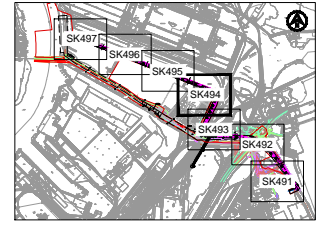
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DRAWING No.	REVISION
PB1586-SK493	E



NOTES

1. FOR QUAY PLAN DETAILS REFER TO DRAWINGS NO. PB1586-SK91, SK93, SK122 & SK123.
- MAJOR CROSSINGS**
- | | |
|----------------------------------|-----------------------------|
| MC 0 : Eastern Boundary Road | - Pass over in bridge |
| MC 1 : Highway A1085 | - Pass over in bridge |
| MC 2 : YPL 1st access road | - Pass over in bridge |
| MC 3 : Hot metal rail | - Pass over in bridge |
| MC 4 : NWL 2nd access road | - Pass over in bridge |
| MC 5 : National power grid lines | - Pass under 10 m clearance |
| MC 6 : SSI road bridge | - Pass over in bridge |
| MC 7 : National rail way | - Pass over in bridge |
| MC 8 : Access NWL W.T.P. | - Pass over in bridge |
| MC 9 : Outfall | - Pass over in bridge |



LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROUTES
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LATERAL LIMITS OF DEVIATION
- ELECTRICAL CABLE

REV	DATE	DESCRIPTION	BY	CHK	APP
E	10.03.15	PLANNING ISSUE	LW	DGB	MH
D	16.03.15	MINOR REVISIONS	CH	DGB	MH
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A	27.02.15	FIRST ISSUE	LW	DGB	RWP

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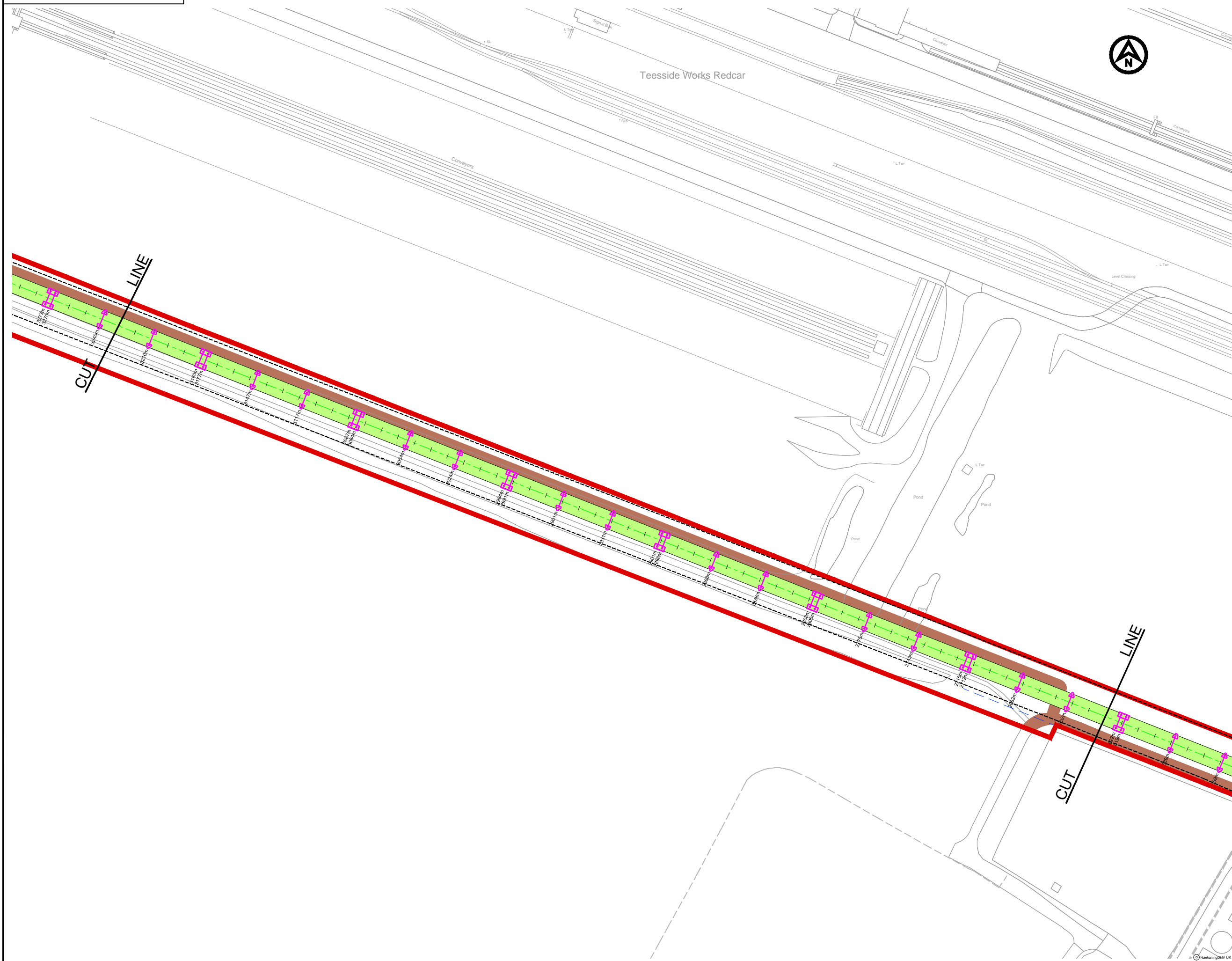
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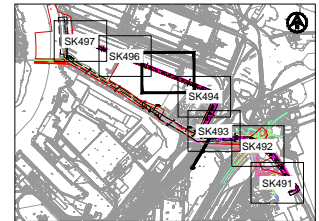
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SCALE AT A1	1:1000	AUTOCAD REF.	PB1586-SK494		

DRAWING No.	PB1586-SK494	REVISION	E
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NOTES

- MAJOR CROSSINGS**
- MC 0 : Eastern Boundary Road - Pass over in bridge
 - MC 1 : Highway A1085 - Pass over in bridge
 - MC 2 : YPL 1st access road - Pass over in bridge
 - MC 3 : Hot metal rail - Pass over in bridge
 - MC 4 : NWL 2nd access road - Pass over in bridge
 - MC 5 : National power grid lines - Pass under 10 m clearance
 - MC 6 : SSI road bridge - Pass over in bridge
 - MC 7 : National rail way - Pass over in bridge
 - MC 8 : Access NWL W.T.P. - Pass over in bridge
 - MC 9 : Outfall - Pass over in bridge



KEY PLAN
SCALE 1:50000

LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROUTES
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBOCORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LATERAL LIMITS OF DEVIATION

REV	DATE	DESCRIPTION	BY	CHK	APP
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D	16.03.15	MINOR REVISIONS	CH	DGB	MH
C	11.03.14	MINOR REVISIONS	LW	DGB	MH
B	08.03.15	ISSUED FOR APPROVAL	TF	DGB	MH
A	27.02.15	FIRST ISSUE	LW	DGB	RWP

REVISIONS

PROJECT
YORK POTASH

TITLE
THE YORK POTASH
HARBOUR FACILITIES ORDER 201X
CONVEYOR ROUTE PLANS
NORTHERN ROUTE - SHEET 5
REGULATION 5(2)(p) DOCUMENT 3.3M

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www.royalhaskoningdhv.com Internet

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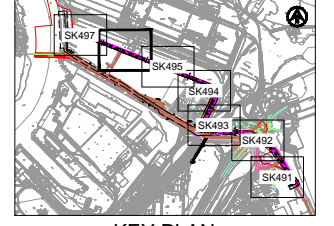
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PB1586-SK495	E



NOTES

MAJOR CROSSINGS

- MC 0 : Eastern Boundary Road - Pass over in bridge
- MC 1 : Highway A1085 - Pass over in bridge
- MC 2 : YPL 1st access road - Pass over in bridge
- MC 3 : Hot metal rail - Pass over in bridge
- MC 4 : NWL 2nd access road - Pass over in bridge
- MC 5 : National power grid lines - Pass under 10 m clearance
- MC 6 : SSI road bridge - Pass over in bridge
- MC 7 : National rail way - Pass over in bridge
- MC 8 : Access NWL W.T.P. - Pass over in bridge
- MC 9 : Outfall - Pass over in bridge



KEY PLAN
SCALE 1:50000

LEGEND - CONVEYOR

- TYPE 3 - OPEN CONVEYOR - 2 LEGS
- TYPE 4 - OVAL ENCLOSED CONVEYOR - 2 LEGS
- TRANSFER TOWER
- ACCESS ROUTES
- CONVEYOR FOOTINGS
- CONVEYOR AT THE QUAY

LEGEND - EXISTING SERVICES

- EASEMENT ZONES
- GAS - BP CATS
- GAS - GDF SUEZ
- GAS - RWE
- FIBRE OPTIC CABLE
- MISC - DRAINS, CABLES, DUCTS
- FOUL WATER - SEMBCORP
- WATER - NWL
- GAS - ABANDONED
- ABOVEGROUND PIPELINE CORRIDOR
- OVERHEAD POWER CABLES
- CONVEYOR LATERAL LIMITS OF DEVIATION

REV	DATE	DESCRIPTION	BY	CHK	APP
E	19.03.15	PLANNING ISSUE	LW	DGB	MH
D	16.03.15	MINOR REVISIONS	CH	DGB	MH
C	11.03.15	MINOR REVISIONS	LW	DGB	MH
B	08.03.15	ISSUED FOR APPROVAL	TF	DGB	MH
A	27.02.15	FIRST ISSUE	LW	DGB	RWP

REVISIONS

PROJECT

YORK POTASH

TITLE

THE YORK POTASH HARBOUR FACILITIES ORDER 201X CONVEYOR ROUTE PLANS NORTHERN ROUTE - SHEET 6 REGULATION 5(2)(a) DOCUMENT 3.3N

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