



National Infrastructure Planning  
Temple Quay House  
2 The Square  
Bristol  
BS1 6PN

**Date:** 9 June 2022  
**Your ref:** EN010103  
**Our ref:** NESBITP\073687-010159



**Sent via the Portal**

To Whom It May Concern

**Planning Act 2008 – Section 89 and The Infrastructure Planning (Examination Procedure) Rules 2010 – Rule 8**

**Application by Net Zero Teesside Power Limited and Net Zero North Sea Storage Limited for an Order Granting Development Consent for the Net Zero Teesside Project – EN010103**

**Deadline 2 Submission – Responses to ExQ1**

**Unique Reference: 20029919**

This letter is sent on behalf of CF Fertilisers UK Limited ("CFL"), registered as an Interested Party for the above application, in response to the Rule 8 letter dated 19 May 2022

Please find attached to this letter CFL's response to the Examining Authority's Questions 1 in accordance with Deadline 2 of the Examination Timetable.

The responses within the table reflect the numbering used in the ExQ1 for ease of reference.

I trust that the above is clear however please do not hesitate to contact me should you have any queries.

Yours sincerely

*Peter Nesbit*

**Peter Nesbit**  
*Partner*  
For Eversheds Sutherland (International) LLP

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# CF Fertilisers UK Limited - Responses to the ExA's ExQ1 1

**Responses to EXQ1**  
**CF Fertilisers UK Limited**

ExQ1	Question to:	Question	Response
CA.1.8	Including: CF Fertilisers UK Ltd Ineos Nitriles (UK) Ltd Ineos UK SNS Ltd PD Teesport Ltd	<p>A number of APs in their RRs and ASs [including but not limited to RR-001, RR-010, RR-012, RR-013, RR-014, RR-016, RR-017, RR-018, RR-019, RR-021, RR-022, RR-028, RR-030, RR031, RR-032, RR-033, RR-034, RR-038 and AS-046] set out comments in relation to CA and TP however in numerous instances it is unclear where their operations or rights are located.</p> <p>Please could the APs listed and any others who have commented:</p> <ul style="list-style-type: none"> <li>i) supply a plan, overlaid with the NZT Order land, showing the location of their operations and plots affected; and</li> <li>ii) where possible, identify the general use of each affected plot.</li> </ul>	<p>i. Please see the attached plans which show the Net Zero option area and the works within each area.</p> <p>ii. The order land is predominantly pipeline corridors which contain the following infrastructure:</p> <ul style="list-style-type: none"> <li>10" Hydrogen (redundant)</li> <li>6" Liquid Ammonia</li> <li>8" Light Distillate (Redundant)</li> <li>8" I.P. Nitrogen</li> <li>8" Effluent</li> <li>16" Methanol</li> <li>6" Liquid Ammonia</li> <li>12" I.P. Steam</li> <li>10" LPG (Redundant)</li> <li>4" A.C.H</li> <li>18" Raw CO2 (plastic line)</li> <li>6" Warm Water (Marlow Foods)</li> <li>6" Warm Water (Marlow Foods)</li> </ul>
CA.1.14	CF Fertilisers UK Limited	<p>CF Fertilisers UK Limited [RR-018] refer to a potential new natural gas pipeline to their manufacturing facility at Billingham and the gas processing sites in the vicinity of plot 112, and notes at paragraph 3.3. that the current Protective Provisions for CF Fertilisers set out at Part 6 of Schedule 12 of the draft DCO do not explicitly provide for capacity to be retained within the pipeline corridor for this development or for the developments to be properly coordinated. Can you:</p> <ul style="list-style-type: none"> <li>i) Provide a plan of the route of the potential new natural gas pipeline in relation to the Order Limits; and</li> <li>ii) Provide an update of discussions with the Applicants regarding proposed amendments to Protective Provisions and requirements; and</li> <li>iii) Provide further details of your operations in terms of supply and production of CO2; is waste CO2 created; could it use CO2 generated by the proposed development?</li> </ul> <p>Also see question CA.1.8</p>	<p>i) The final routing of CF's proposed gas pipeline has not yet been determined; the various routing options within the NZT option area are indicated below by alternative routes 3 and 4:</p>

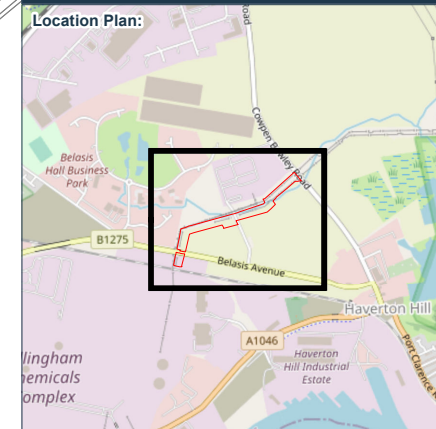


- Key:**
- 1. --- Sembcorp PLC23A 24" (NB) Natural Gas (Buried) Pipeline
  - 2. --- New Pipeline Tracking Sembcorp PLC23A Asset
  - 3. --- Alternative Pipeline Route Tracking Sembcorp Link Line Corridor
  - 4. --- Alternative Pipeline Route Avoiding Sembcorp Land (TBC)

ii) Discussions regarding the PPs are at an advanced stage and it is hoped that a final version will be made available to the ExA by the applicant shortly.

iii) It is anticipated that the CF NZT CO2 capture plant will capture 665,000 tonnes of CO2 per year, in a non-maintenance year, to be fed into the T&S network. Considering the stream that the CO2 is being scrubbed from, the syn gas make up into the ammonia production system, the capture rate from this stream would be over 99.5%. CF cannot use any CO2 – the CF NZT project will only produce CO2 for sequestration by NZT.

CF Fertilisers UK Limited - Responses to the ExA's ExQ1 2



- Key:**
- Option Area (8.86 ac)
  - Indicative Compound Area (2604m<sup>2</sup>)
  - Indicative CO2 Pipeline Routing (860.66m)
  - Permitted Apparatus Construction Area

Site Boundary Area: 8.86 ac  
 CO2 Pipeline: 860.66m  
 Alternative CO2 Pipeline: N/A  
 Gas Pipeline: N/A  
 Land Take - Rights: N/A  
 Land Take - Temporary: N/A

Coordinate System: British National Grid  
 Projection: Transverse Mercator  
 Datum: OSGB 1936

**Grantor:**  
 CF Fertilisers UK Limited

**Coords:** 448,146 523,092

**Scheme Name:**  
 BPE001 - NetZero Teesside

**Drawing Name:**  
 Heads of Terms Plan

**Drawing No:** 204482\_PLN\_HOT\_86\_1

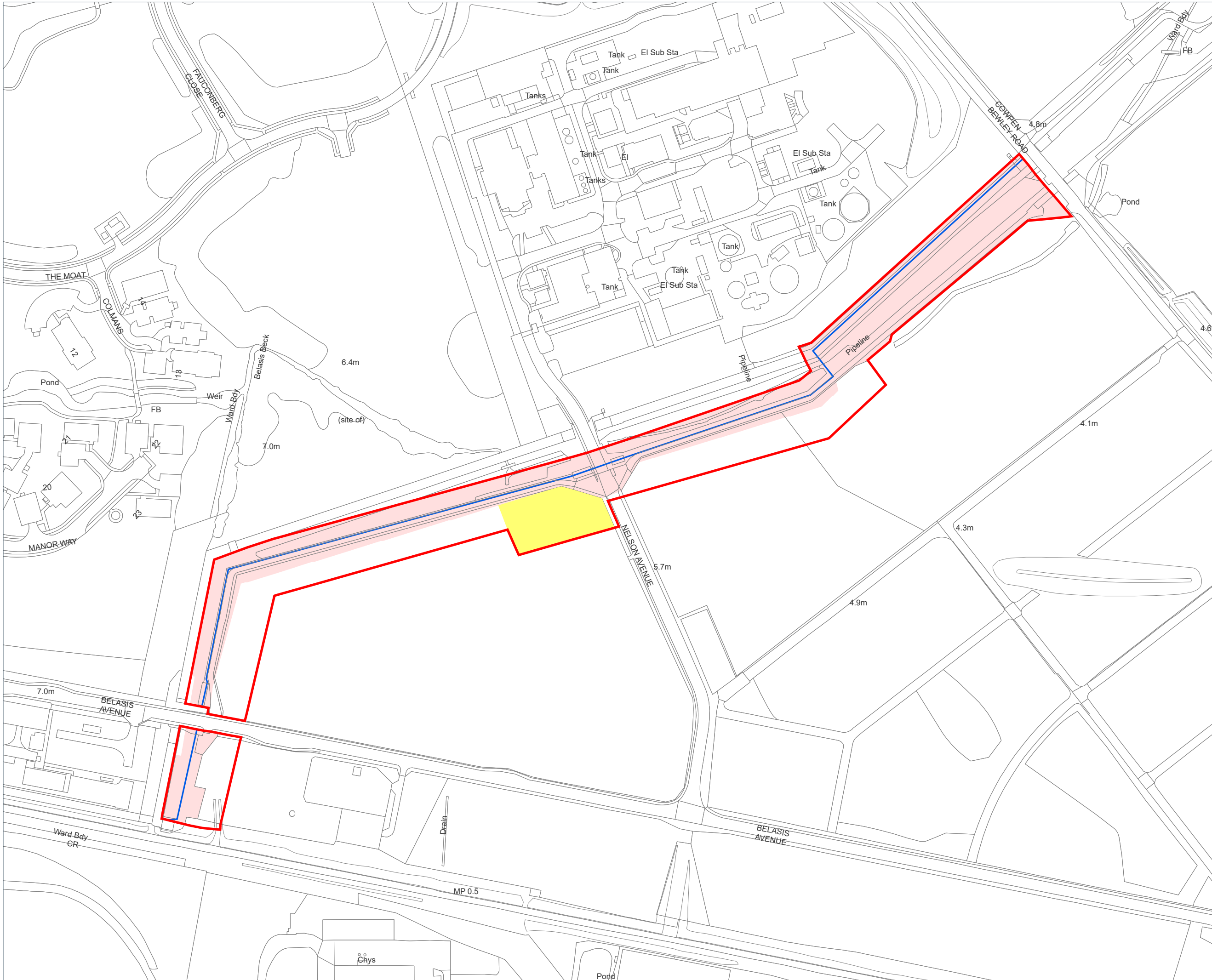
Rev	Date	Description
-	12.05.2022	First Issue

<b>Drawn:</b>	AL/AF
<b>Approved:</b>	
<b>Sheet No:</b>	1 of 1
<b>Sheet Size:</b>	A3



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Site Plan

Drawing Location: C:\Users\Amys.Fearon\Dalcour MacLaren\NetZero Teesside - Geomatics\02 Working Data2\_Hot\_Plans\2022-05-22 - Full Set Refresh (Master)\20220222\_204482\_PLN\_HOT\_86\_1 - CF Fertilisers UK Limited.mxd

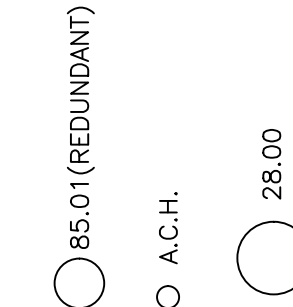
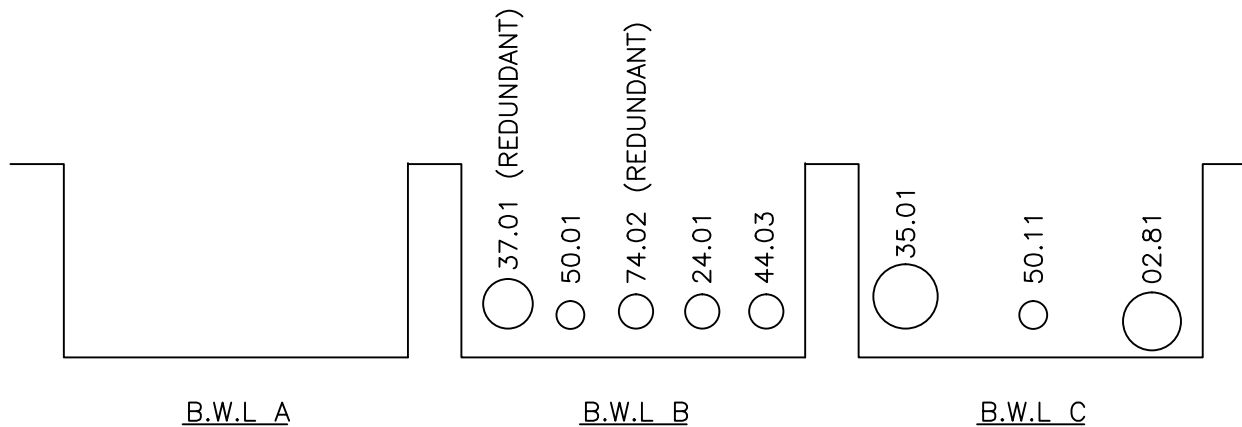
CF Fertilisers UK Limited - Responses to the ExA's ExQ1 3

CODE	N/B	FLUID	DISTANCE FROM C/L	ELEVATION	LINK No.s	CODE	N/B	FLUID	DISTANCE FROM C/L	ELEVATION	WEIGHT lb/ft	REV	ALTERATION	DATE
37	01	10"	HYDROGEN (REDUNDANT)	2'-6"								A	REDRAWN ON COMPUTER	DEC 02
50	01	6"	LIQUID AMMONIA (WARM)	1'-8"								B	UPDATED	OCT 05
74	02	8"	LIGHT DISTILLATE (REDUNDANT)	0'-11"								C	REVIEWED & UPDATED	OCT 18
24	01	8"	I.P. NITROGEN	2'-1"										
44	03	8"	EFFLUENT	2'-10"										
35	01	16"	METHANOL	1'-6"										
50	11	6"	LIQUID AMMONIA (LAGGED)	2"										
02	81	12"	I.P. STEAM	2'-2"										
85	01	10"	L.P.G. (REDUNDANT)											
		4"	A.C.H.											
28	00	18"	RAW CO2 (PLASTIC LINE)											



ELEVATION TOP OF BEARERS

\* INTERPOLATED DIMENSION



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BRIDGE	SECTION	DECK	ISSUE	PAGE
WILTON LINK	1		C OCTOBER 2018	1 OF 1

VIEW LOOKING NORTH

SECTION BETWEEN EA61 & BELASIS AVENUE



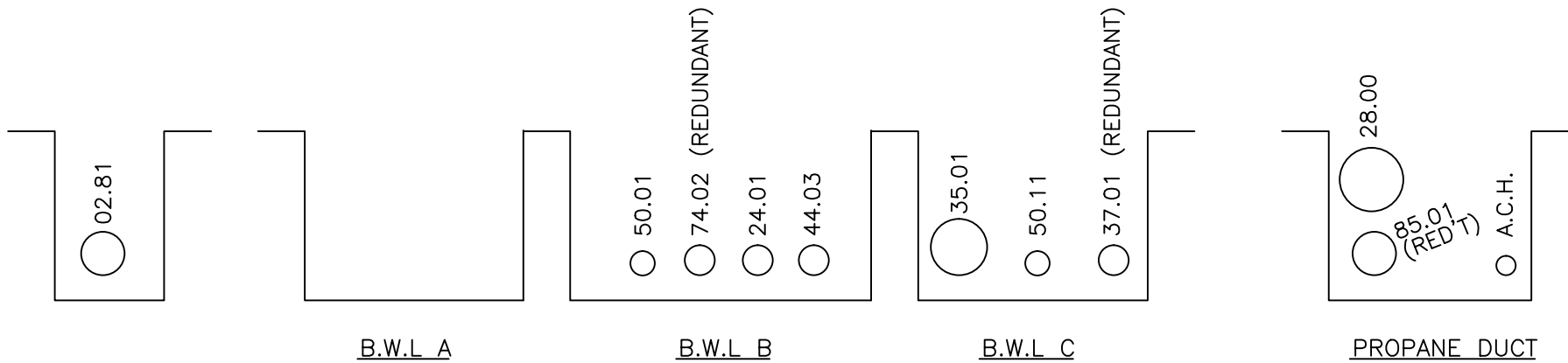
CF Fertilisers UK Limited - Responses to the ExA's  
ExQ1 4

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02	81	12"	I.P. STEAM									A	REDRAWN ON COMPUTER	DEC 02
50	01	6"	LIQUID AMMONIA (WARM)									B	UPDATED	OCT 05
74	02	8"	LIGHT DISTILLATE (REDUNDANT)									C	REVIEWED & UPDATED	OCT 18
24	01	8"	I.P. NITROGEN											
44	03	8"	EFFLUENT											
35	01	16"	METHANOL											
50	11	6"	LIQUID AMMONIA (LAGGED)											
37	01	10"	HYDROGEN (REDUNDANT)											
85	01	10"	L.P.G. (REDUNDANT)											
		4"	A.C.H.											
28	00	18"	RAW CO2 (PLASTIC LINE)											



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VIEW LOOKING NORTH

SECTION BETWEEN BELASIS AVENUE UNDERPASS

BRIDGE	SECTION	DECK	ISSUE	PAGE
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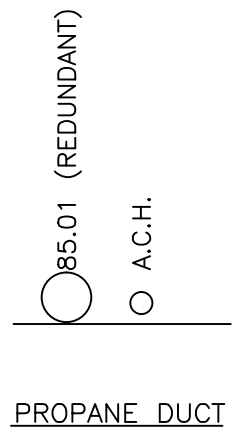
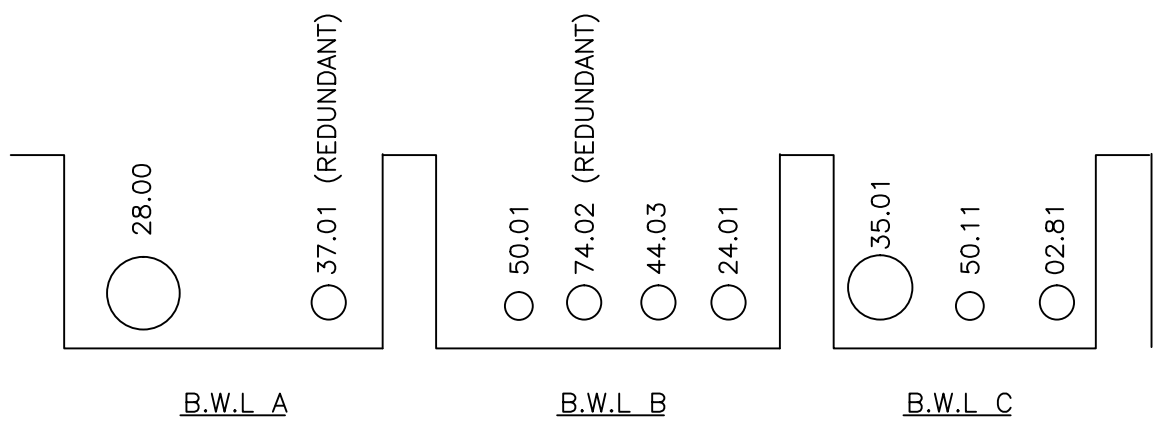
## CF Fertilisers UK Limited - Responses to the ExA's ExQ1 5

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28	00	18"	RAW CO2 (PLASTIC LINE)									A	REDRAWN ON COMPUTER	DEC 02
37	01	8"	HYDROGEN (REDUNDANT)		05							B	UPDATED	OCT 05
50	01	6"	LIQUID AMMONIA (WARM)		56							C	REVIEWED & UPDATED	OCT 18
74	02	8"	LIGHT DISTILLATE (REDUNDANT)		52									
44	03	8"	EFFLUENT		688									
24	01	8"	I.P. NITROGEN		20									
35	01	16"	METHANOL		61									
50	11	6"	LIQUID AMMONIA (LAGGED)		04									
02	81	12"	I.P. STEAM		57									
85	01	10"	L.P.G. (REDUNDANT)		85									
		4"	A.C.H.											



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BRIDGE	SECTION	DECK	ISSUE	PAGE
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VIEW LOOKING NORTH/EAST

SECTION BETWEEN BELASIS AVENUE & NELSON AVENUE

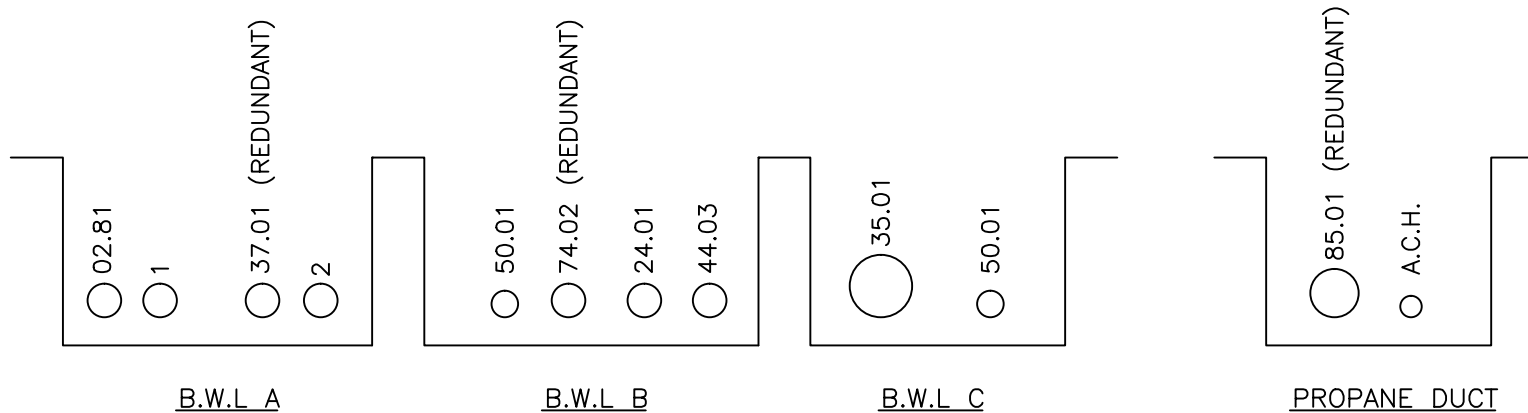
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02	81	12" I.P. STEAM			57							A	REDRAWN ON COMPUTER	DEC 02
37	01	10" HYDROGEN (REDUNDANT)			05							B	REVIEWED & UPDATED	OCT 18
50	01	6" LIQUID AMMONIA (WARM)			56									
74	02	8" LIGHT DISTILLATE (REDUNDANT)			52									
24	01	8" I.P. NITROGEN			20									
44	03	8" EFFLUENT			688									
35	01	16" METHANOL			61									
50	11	6" LIQUID AMMONIA (LAGGED)			04									
85	01	10" L.P.G. (REDUNDANT)												
		4" A.C.H.												
1		6" WARM WATER (MARLOW FOODS)												
2		6" WARM WATER (MARLOW FOODS)												



ELEVATION TOP OF BEARERS

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VIEW LOOKING EAST

SECTION BETWEEN NELSON ROAD UNDERPASS

BRIDGE	SECTION	DECK	ISSUE	PAGE
WILTON LINK	4		B OCTOBER 2018	1 OF 1

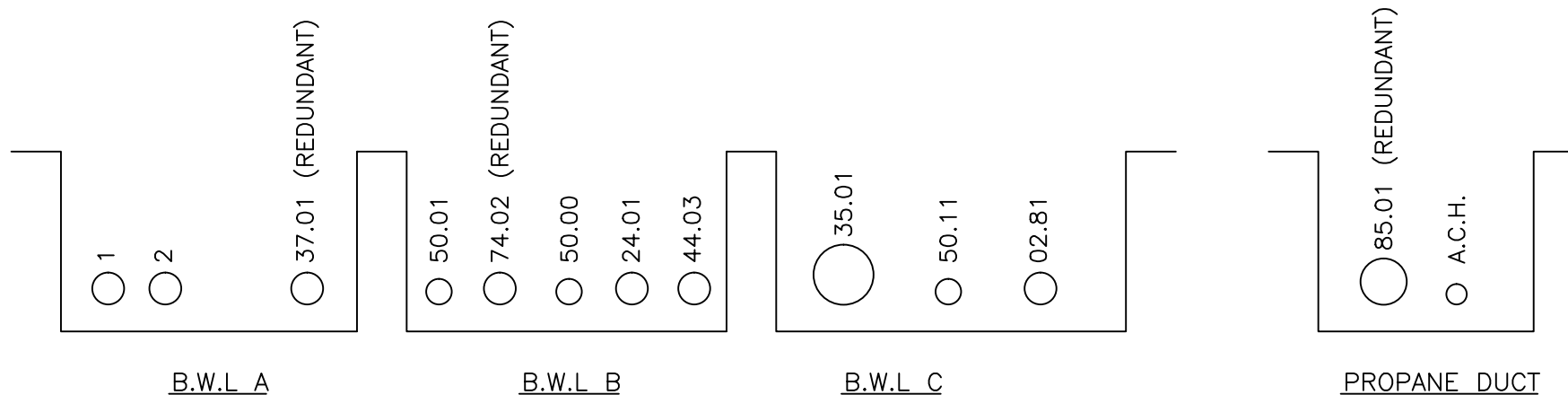
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74	02	8" LIGHT DISTILLATE (REDUNDANT)			52									
50	00	2" LIQUID AMMONIA												
24	01	8" I.P. NITROGEN			20									
44	03	8" EFFLUENT			688									
35	01	16" METHANOL			61									
50	11	6" LIQUID AMMONIA (LAGGED)			04									
02	81	12" I.P. STEAM			57									
85	01	10" L.P.G. (REDUNDANT)			85									
		4" A.C.H.												
1		6" WARM WATER (MARLOW FOODS)												
2		6" WARM WATER (MARLOW FOODS)												



ELEVATION TOP OF BEARER

\* INTERPOLATED DIMENSION



VIEW LOOKING EAST

SECTION BETWEEN NELSON AVENUE & PROTEIN CORRIDOR.

BRIDGE	SECTION	DECK	ISSUE	PAGE
WILTON LINK	5		B OCTOBER 2018	1 OF 1



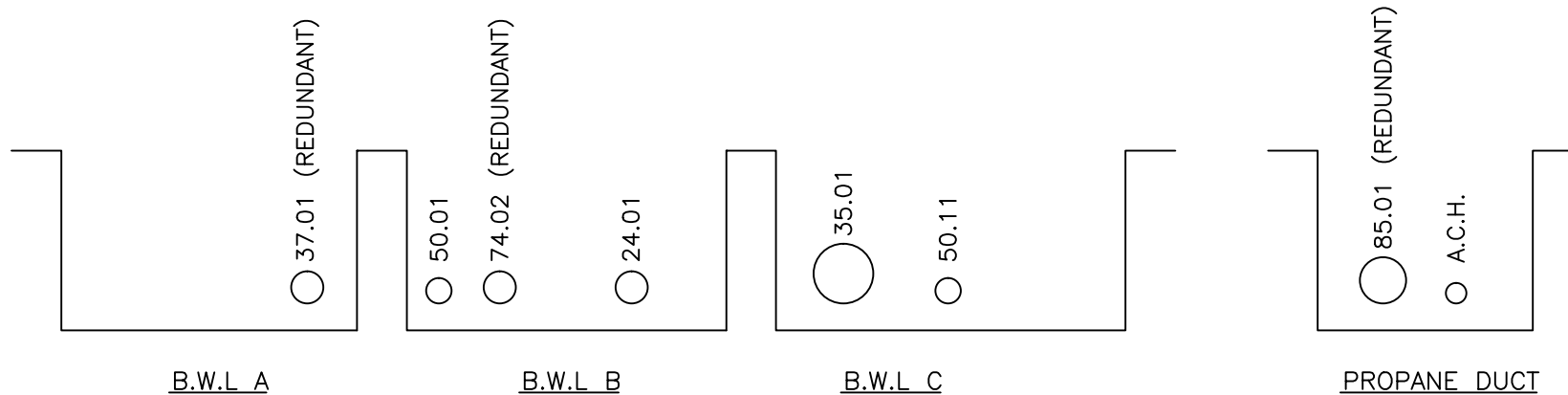
CF Fertilisers UK Limited - Responses to the ExA's ExQ1 8

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37	01	8" HYDROGEN (REDUNDANT)			05							A	REDRAWN ON COMPUTER	DEC 02
50	01	6" LIQUID AMMONIA (WARM)			56							B	REVIEWED & UPDATED	OCT 18
74	02	8" LIGHT DISTILLATE (REDUNDANT)			52									
24	01	8" I.P. NITROGEN			20									
35	01	16" METHANOL			61									
50	11	6" LIQUID AMMONIA (LAGGED)			04									
85	01	10" L.P.G. (REDUNDANT)			85									
		4" A.C.H.												



ELEVATION TOP OF BEARER

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VIEW LOOKING EAST

SECTION BETWEEN PROTEIN CORRIDOR & COWPEN LANE.

BRIDGE	SECTION	DECK	ISSUE	PAGE
WILTON LINK	6		B OCTOBER 2018	1 OF 1

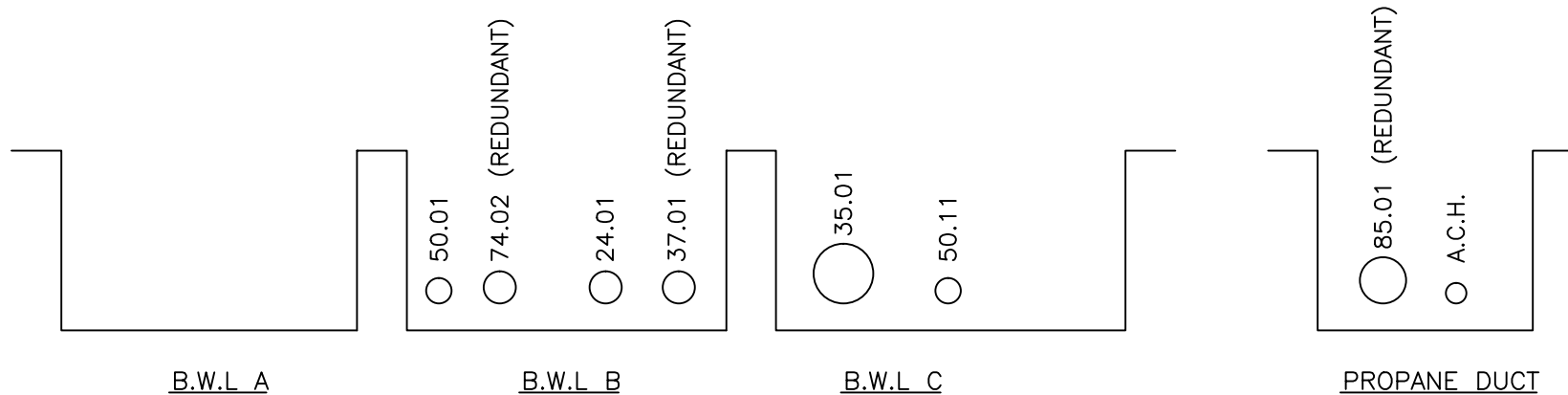
## CF Fertilisers UK Limited - Responses to the ExA's ExQ1 9

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24	01	8" I.P. NITROGEN			20									
35	01	16" METHANOL			61									
50	11	6" LIQUID AMMONIA (LAGGED)			04									
85	01	10" L.P.G. (REDUNDANT)			85									
		4" A.C.H.												



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COWPEN ROAD UNDERPASS.

BRIDGE	SECTION	DECK	ISSUE	PAGE
WILTON LINK	7		B OCTOBER 2018	1 OF 1