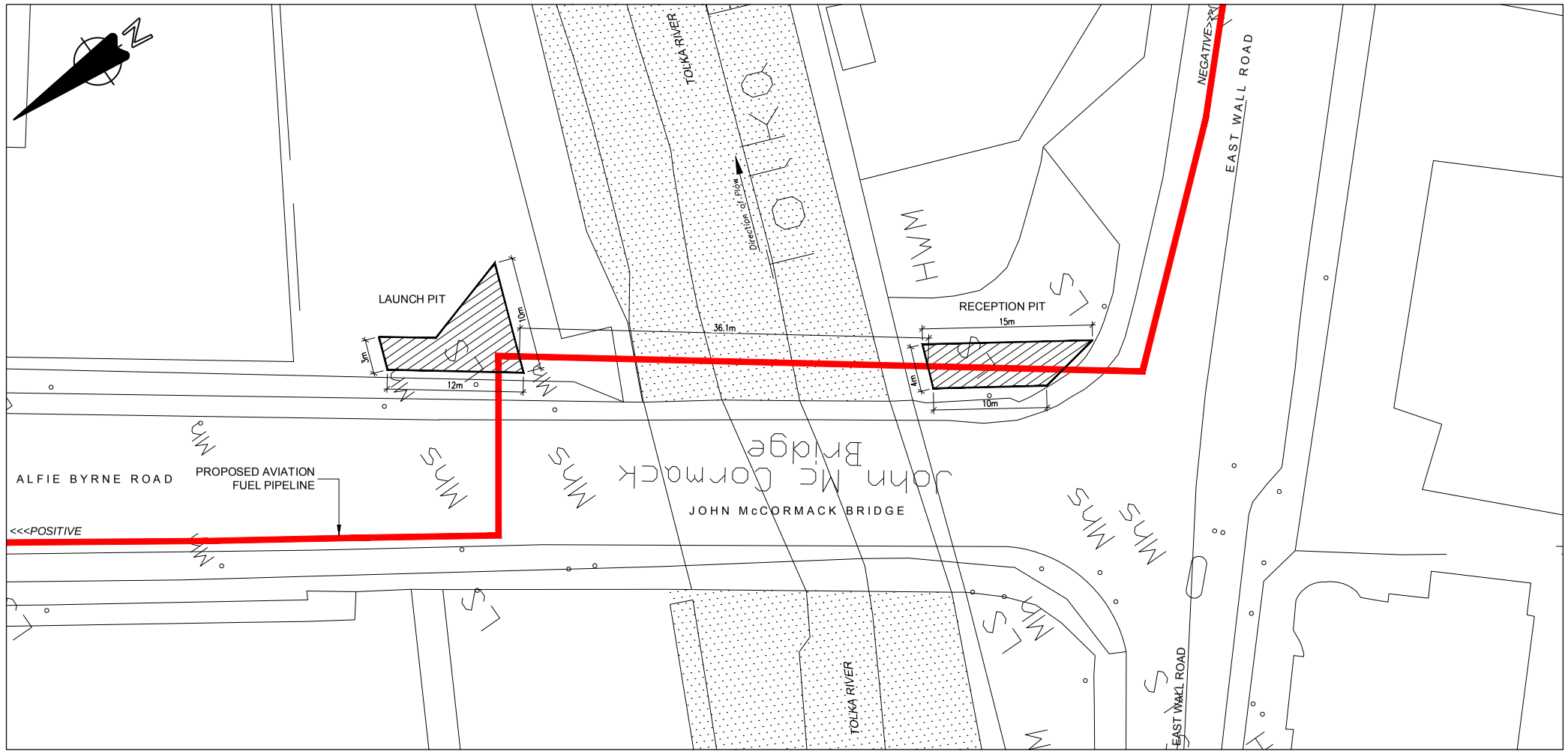
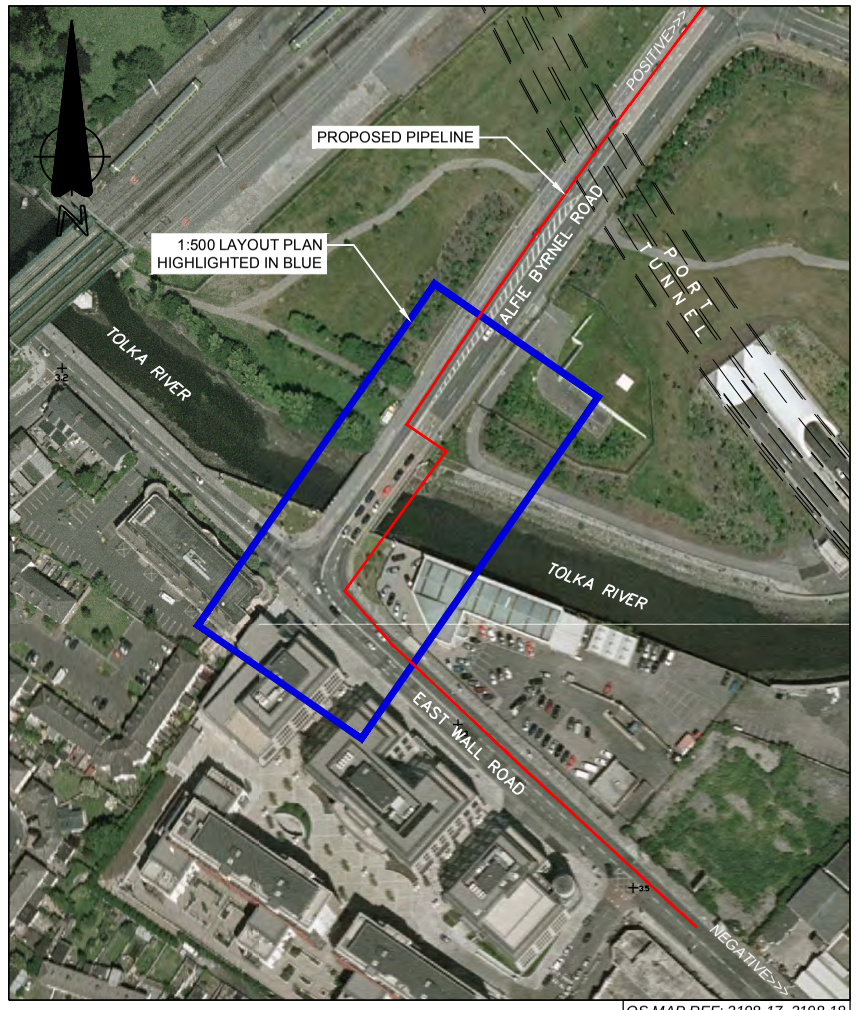
APPENDIX 3.5

LOCATION OF ENTRY EXIT PITS FOR RIVER/STREAM CROSSINGS



LAYOUT PLAN

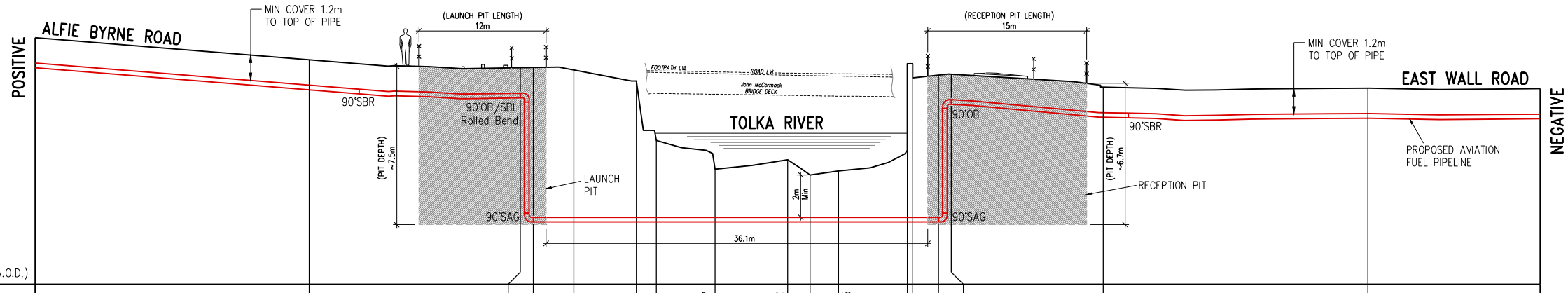
Scale 1:500



SITE LOCATION MAP

REFER STRIP MAP 0362/D/02/G/0008

Scale 1:2500



DATUM LEVEL (−6.0m A.O.D.)

GROUND LEVEL (m A.O.D.)	5.64	4.59	4.21	4.22	4.11	3.59	0.79	−0.57	−0.12	−0.84	−0.65	0.32	3.74	3.87	3.91	3.30	3.25	3.23
TOP OF PIPE LEVEL (m)	4.44	3.39	3.01	−2.84	−2.84	−2.84	−2.84	−2.84	−2.84	−2.84	−2.84	−2.84	−2.84	−2.84	2.71	2.10	2.05	2.03
COVER (m)	1.20	1.20	1.20	7.06	6.95	6.43	3.63	2.27	2.72	2.00	2.19	3.16	6.58	6.71	1.20	1.20	1.20	1.20
CHAINAGE (m)	1825.9	1800.0	1780.0	1778.8	1775.0	1769.1	1767.2	1761.7	1754.8	1752.7	1750.0	1743.5	1743.0	1740.6	1739.4	1725.0	1700.0	1683.7

PROFILE ALONG CENTRE LINE OF PIPE

Scales Horizontal 1:500 Vertical 1:250

Legend:

Map Index:

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0	PRELIMINARY ISSUE	RMD 16/06/14	KM 16/06/14	MW 16/06/14	ML 16/06/14

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On Behalf of: INDEPENDENT PIPELINE Co. Ltd.

Project: AVIATION FUEL PIPELINE

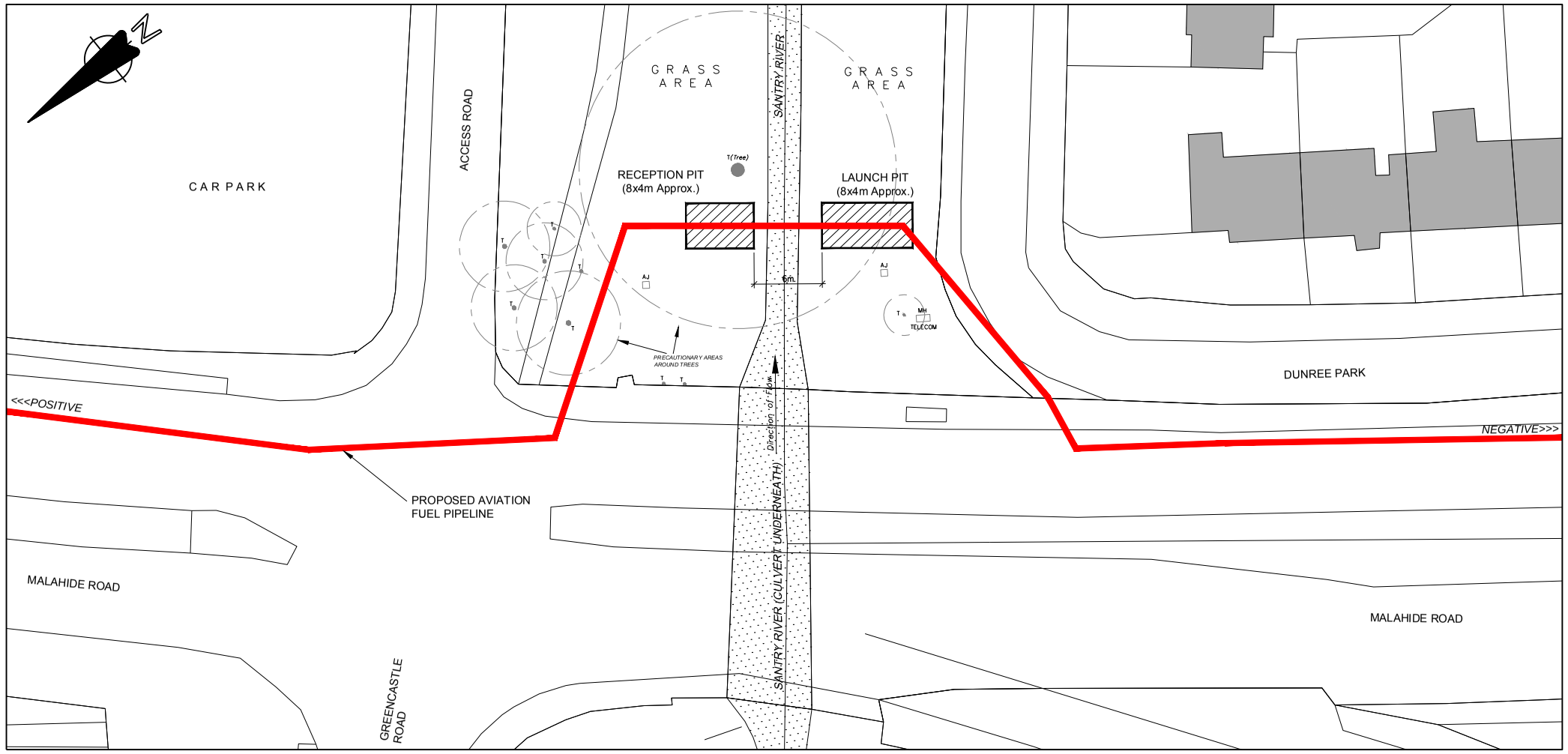
TOLKA RIVER CROSSING

Scale: 1:500/A3

Drawing Number: 0362-D-07-C-0001

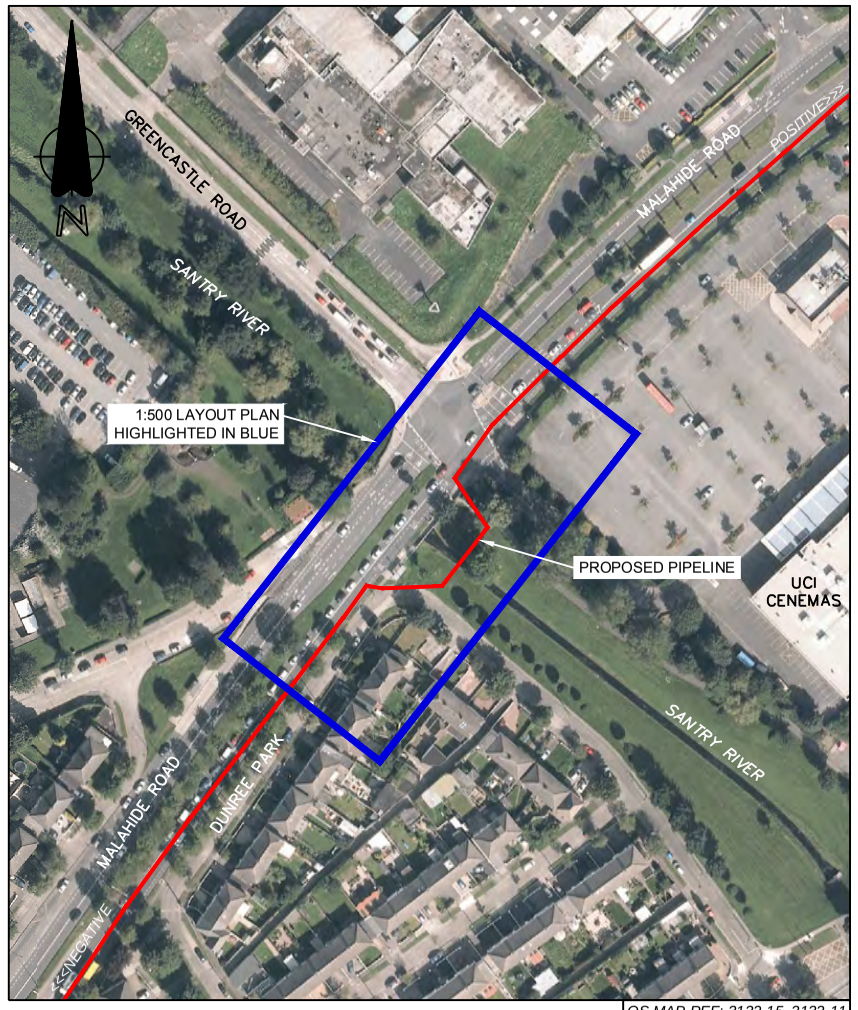
Status: ISSUED

Sheet 1 Of 1



LAYOUT PLAN

Scale 1:500

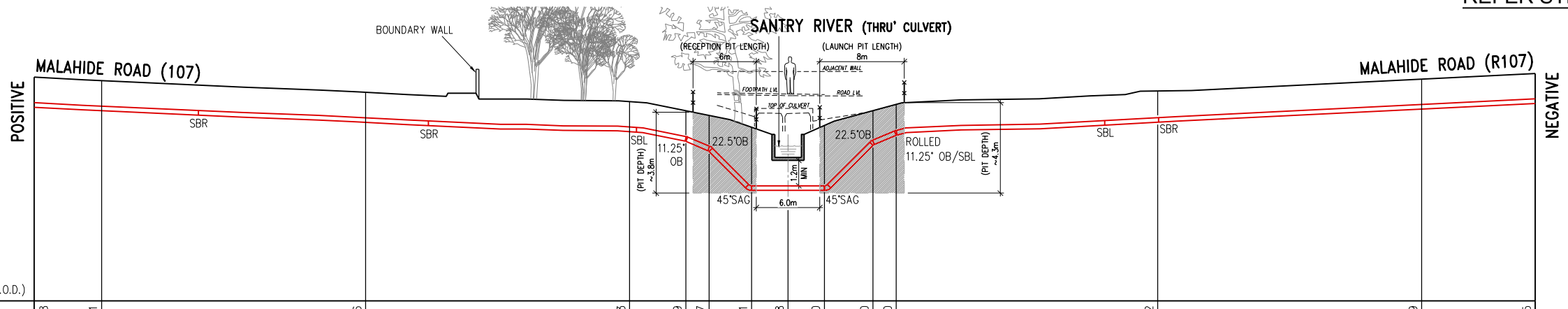


OS MAP REF: 3132-15, 3133-11

SITE LOCATION MAP

REFER STRIP MAP 0362-D-02-G-0023

Scale 1:2500



DATUM LEVEL (20.0m A.O.D.)															
GROUND LEVEL (m A.O.D.)	30.58	30.41	29.86	29.43	28.99	28.77	28.21	26.78	28.30	29.00	29.30	29.92	30.49	30.75
TOP OF PIPE LEVEL (m)	29.38	29.21	28.66	28.22	27.77	27.32	25.44	25.44	25.44	27.61	28.06	28.67	29.29	29.55
COVER (m)	1.20	1.20	1.20	1.21	1.22	1.45	2.77	1.34	2.86	1.39	1.24	1.25	1.20	1.20
CHAINAGE (m)	7306.4	7300.0	7275.0	7250.0	7244.7	7242.5	7238.4	7235.0	7231.6	7227.0	7224.8	7200.0	7175.0	7164.2

PROFILE ALONG CENTRE LINE OF PIPE

Scales Horizontal 1:500 Vertical 1:250

Legend:

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1	REVIEW	RMD 08/08/14	KM 08/08/14	MW 08/08/14	ML 08/08/14
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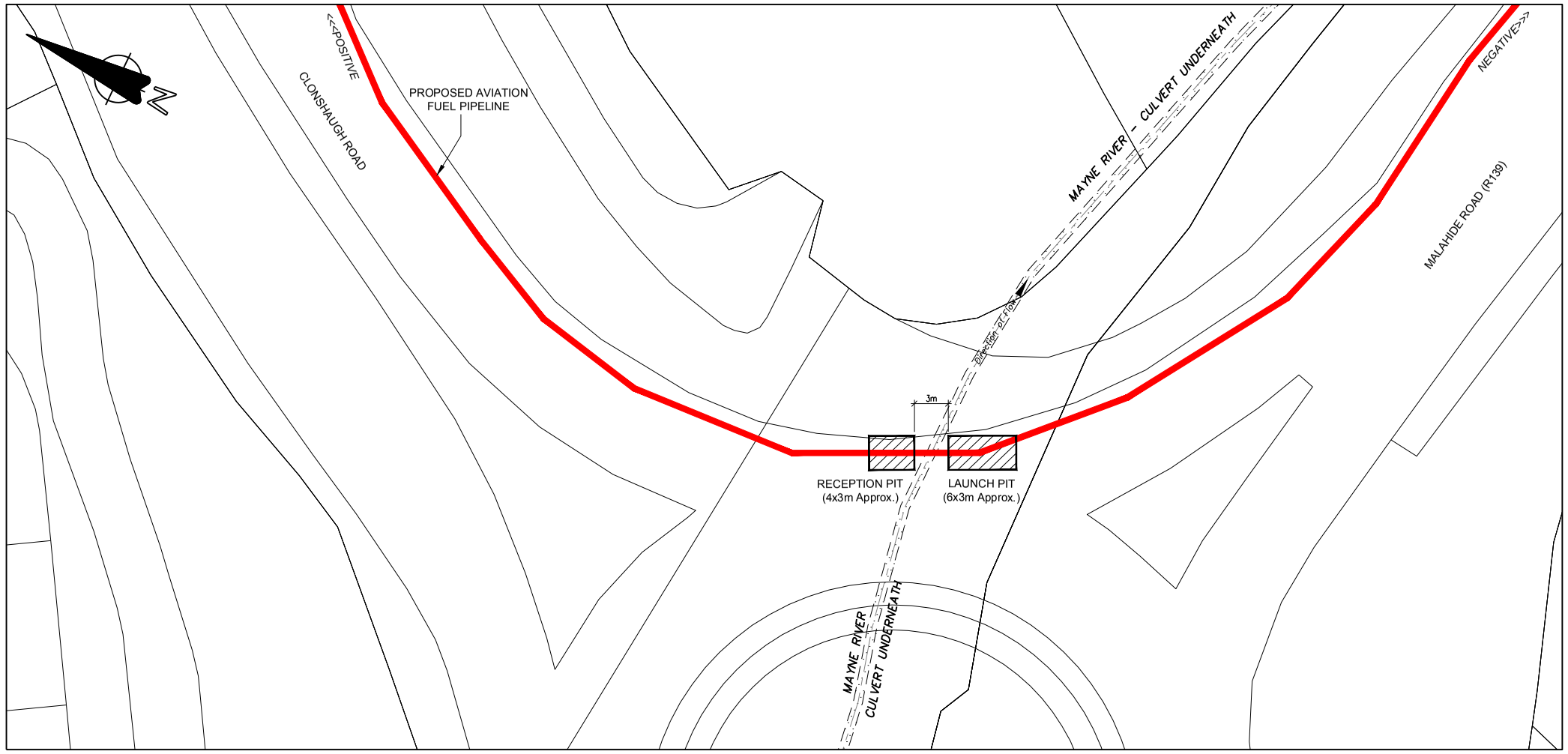
SANTRY RIVER CROSSING

Scale 1:500/A3

Drawing Number 0362-D-07-C-0003

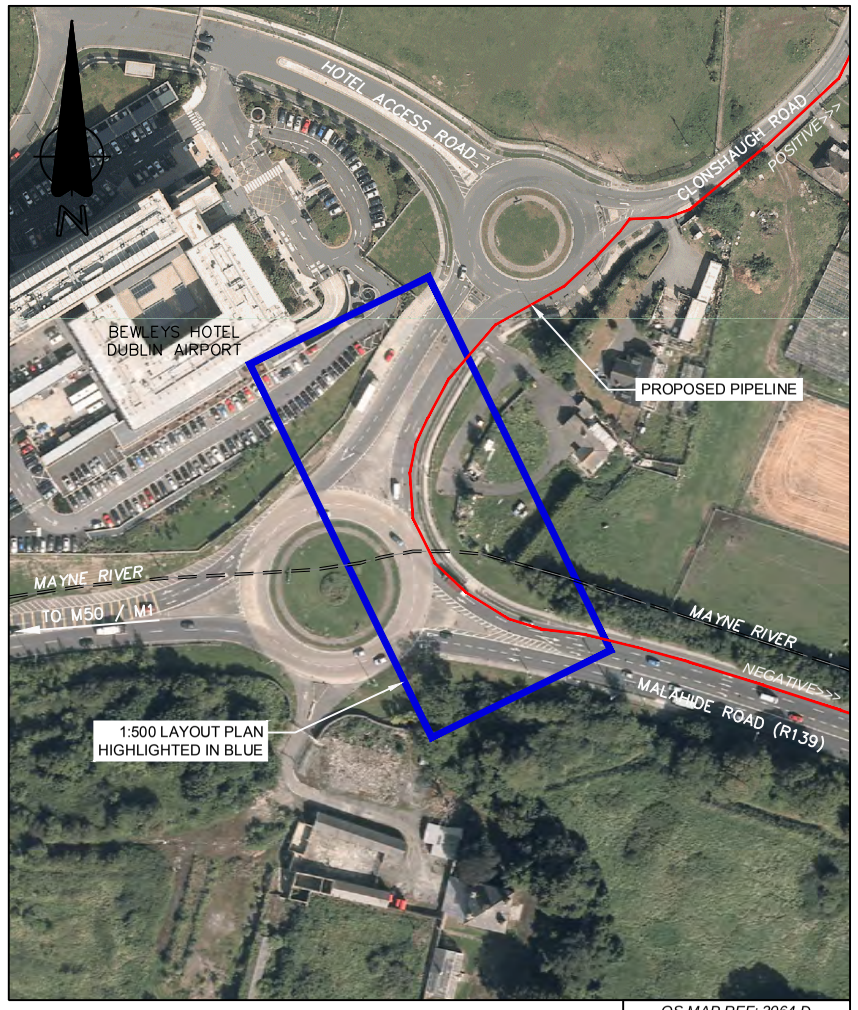
Status ISSUED

Sheet 1 Of 1



LAYOUT PLAN

Scale 1:500

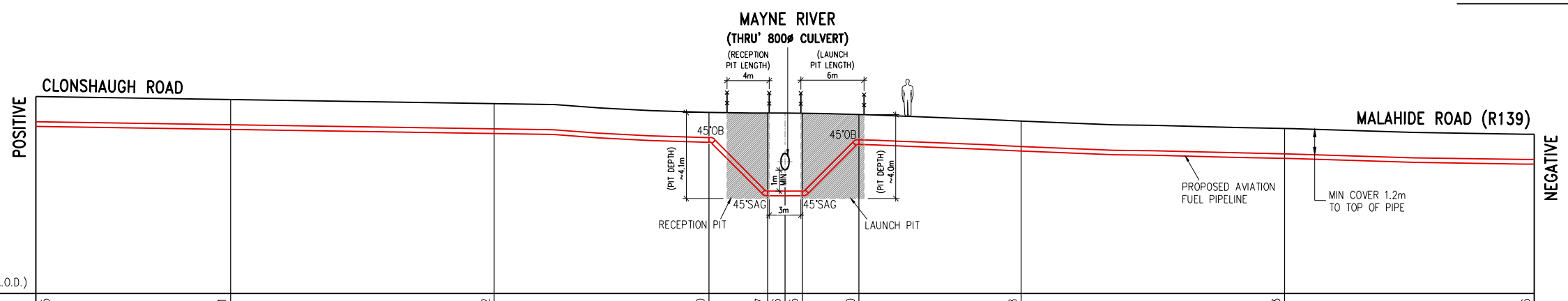


OS MAP REF: 3064-D

SITE LOCATION MAP

REFER STRIP MAP 0362-D-02-G-0035

Scale 1:2500



DATUM LEVEL (36.0m A.O.D.)

GROUND LEVEL (m A.O.D.)	45.35	45.21	45.02	44.60	44.57	44.56	44.55	44.50	44.18	43.83	43.56
TOP OF PIPE LEVEL (m)	44.15	44.01	43.82	43.40	40.86	40.86	40.86	43.30	42.98	42.63	42.36
COVER (m)	1.20	1.20	1.20	1.20	3.71	3.70	3.69	1.20	1.20	1.20	1.20
CHAINAGE (m)	11668.5	11650.0	11625.0	11604.6	11599.0	11597.4	11595.8	11590.4	11575.0	11550.0	11526.3

PROFILE ALONG CENTRE LINE OF PIPE

Scales Horizontal 1:500 Vertical 1:250

Legend:

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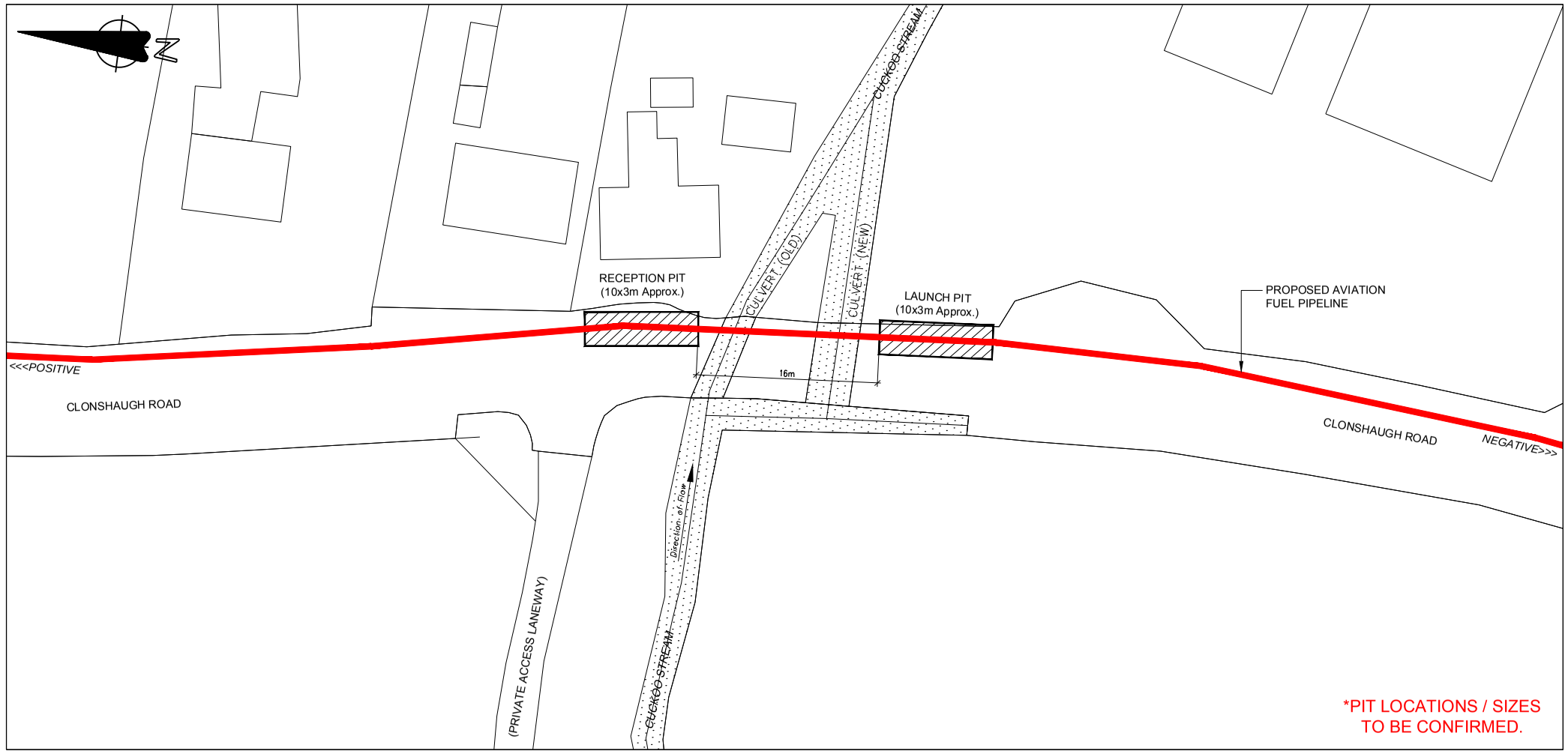
MAYNE RIVER CROSSING

Scale 1:500/A3

Drawing Number 0362-D-07-C-0004

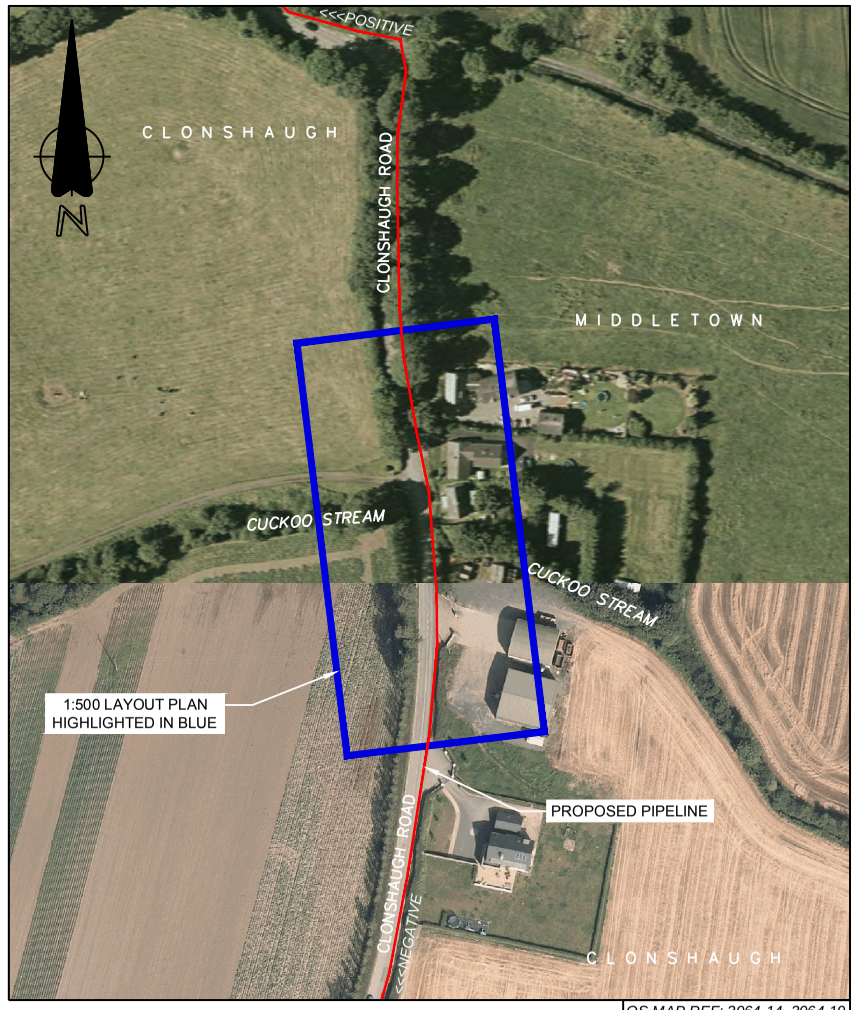
Status ISSUED

Sheet 1 Of 1



LAYOUT PLAN

Scale 1:500

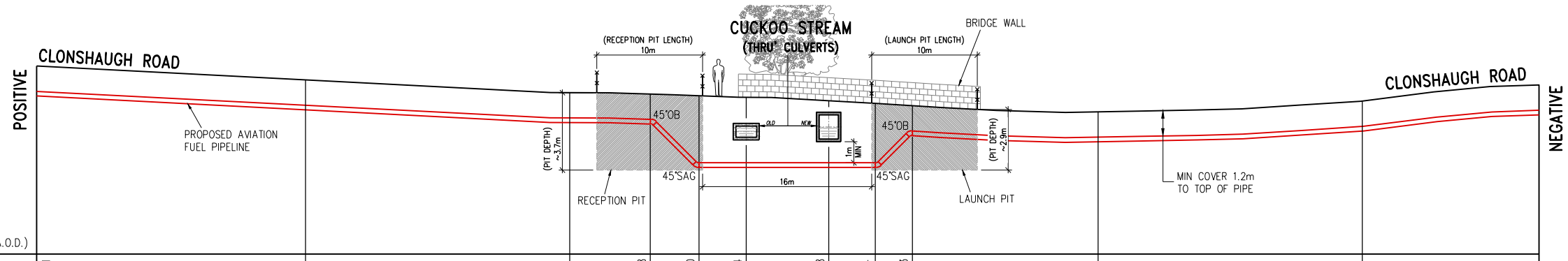


OS MAP REF: 3064-14, 3064-19

SITE LOCATION MAP

REFER STRIP MAP 0362-D-02-G-0037

Scale 1:2500



DATUM LEVEL (37.0m A.O.D.)

GROUND LEVEL (m A.O.D.)	45.91	45.25	44.65	44.58	44.50	44.44	44.28	44.14	44.03	43.74	44.25	45.01
TOP OF PIPE LEVEL (m)	44.71	44.05	43.45	43.38	41.33	41.33	41.33	41.33	42.83	42.54	43.05	43.81
COVER (m)	1.20	1.20	1.20	1.20	3.17	3.11	2.95	2.81	1.20	1.20	1.20	1.20
CHAINAGE (m)	12450.4	12425.0	12400.0	12392.4	12387.8	12383.3	12375.5	12371.1	12367.6	12350.0	12325.0	12308.3

PROFILE ALONG CENTRE LINE OF PIPE

Scales Horizontal 1:500 Vertical 1:250

Legend:

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CUCKOO STREAM CROSSING

Scale 1:500/A3

Drawing Number 0362-D-07-C-0005

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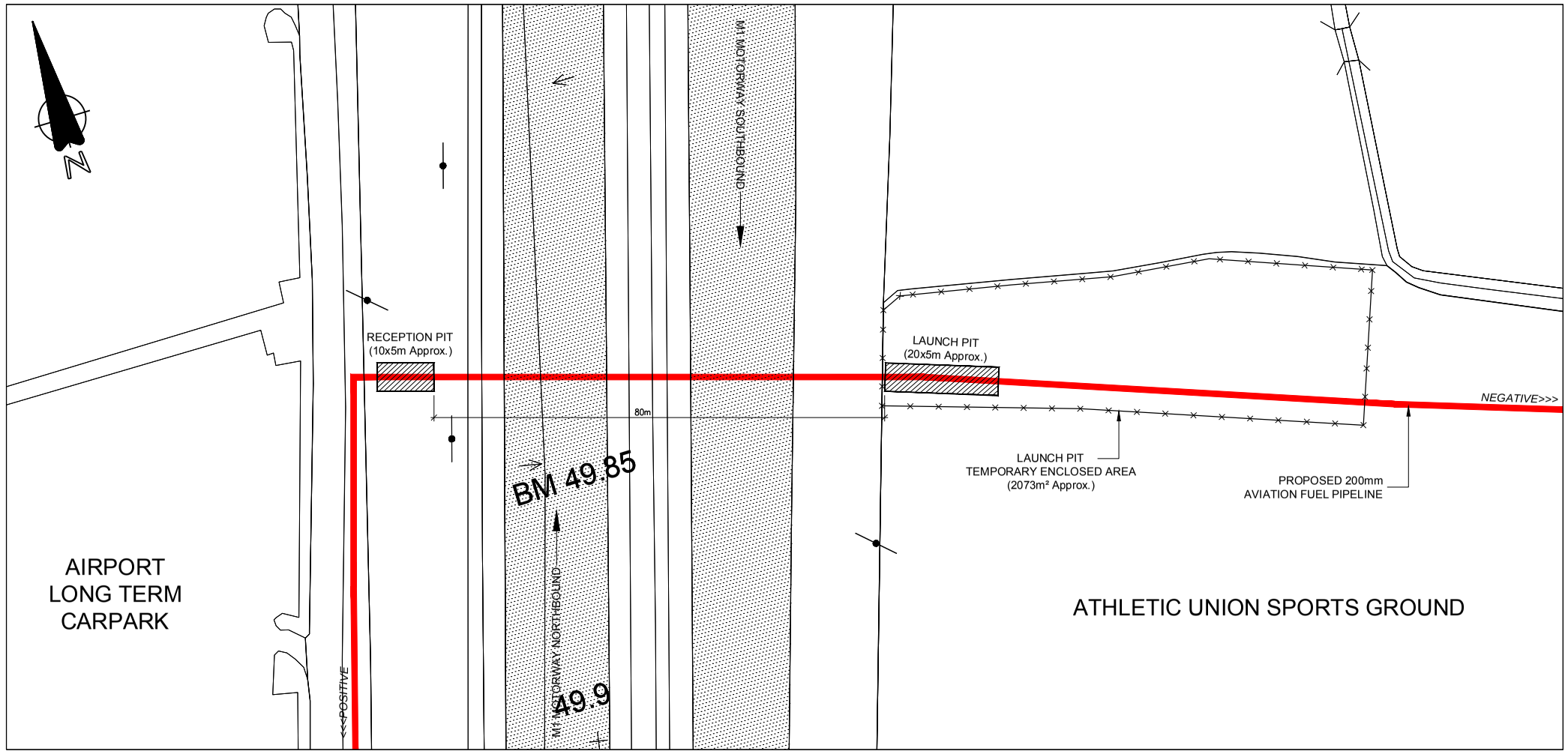
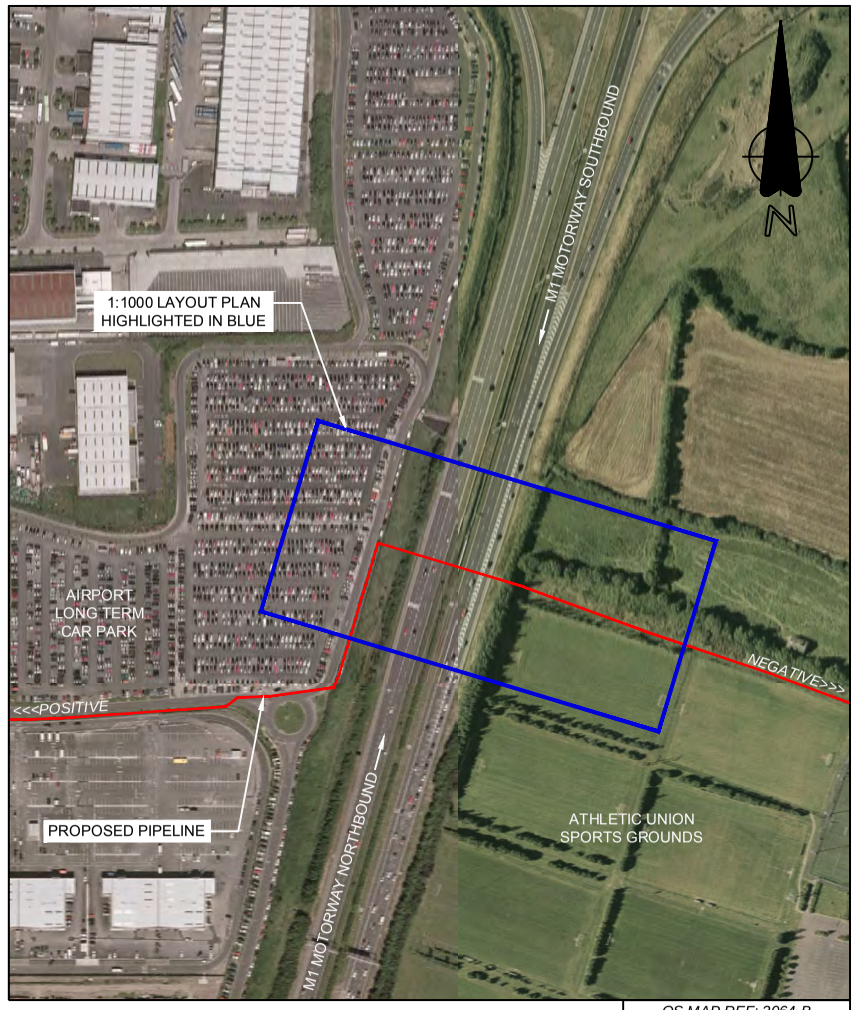
Sheet 1 Of 1



LAYOUT PLAN

Scale 1:1000

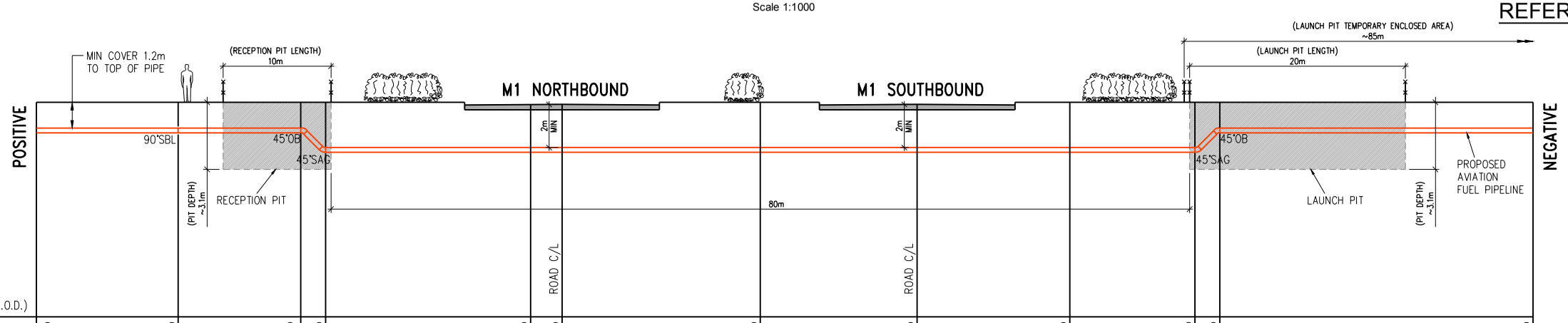


OS MAP REF: 3064-B

SITE LOCATION MAP

REFER STRIP MAP 0362-D-02-G-0040

Scale 1:5000



DATUM LEVEL (40.0m A.O.D.)													
GROUND LEVEL (m A.O.D.)	49.95	49.95	49.95	49.95	49.85	49.85	49.95	49.85	49.95	49.95	49.95	49.95	49.95
TOP OF PIPE LEVEL (m)	48.75	48.75	48.75	47.85	47.85	47.85	47.85	47.85	47.85	47.85	48.75	48.75	48.75
COVER (m)	1.20	1.20	1.20	2.10	2.00	2.00	2.10	2.00	2.10	2.10	1.20	1.20	1.20
CHAINAGE (m)	10795.8	10782.7	10771.3	10769.0	10750.0	10747.1	10728.7	10714.2	10700.0	10688.4	10686.1	10657.1	

PROFILE ALONG CENTRE LINE OF PIPE

Scales Horizontal 1:500 Vertical 1:250

Legend:

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Project: AVIATION FUEL PIPELINE

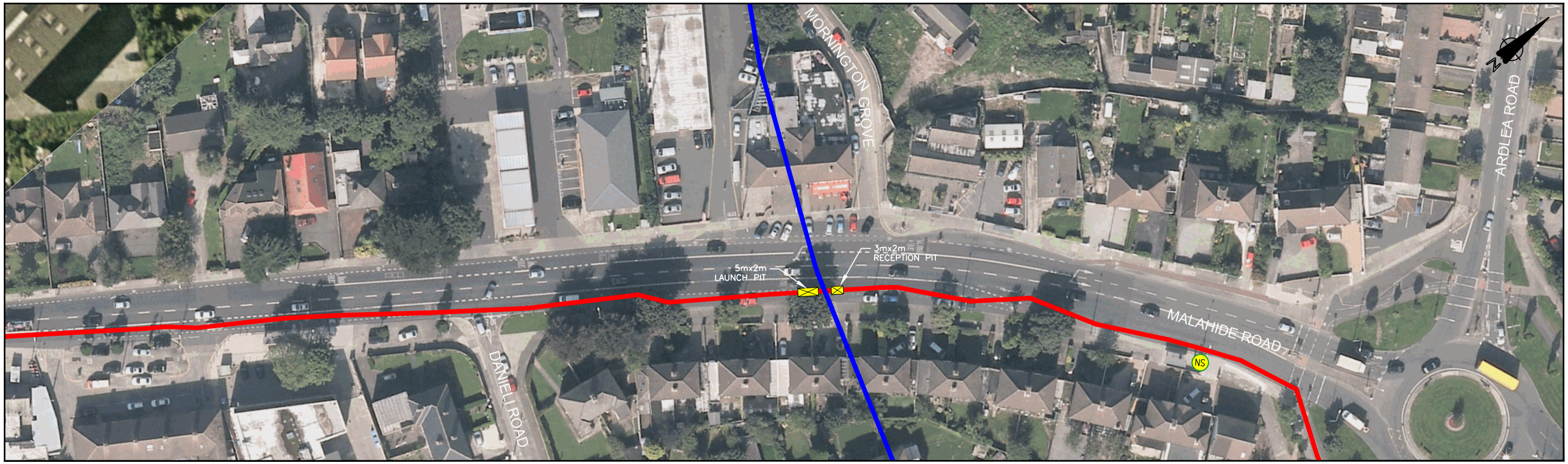
M1 MOTORWAY CROSSING

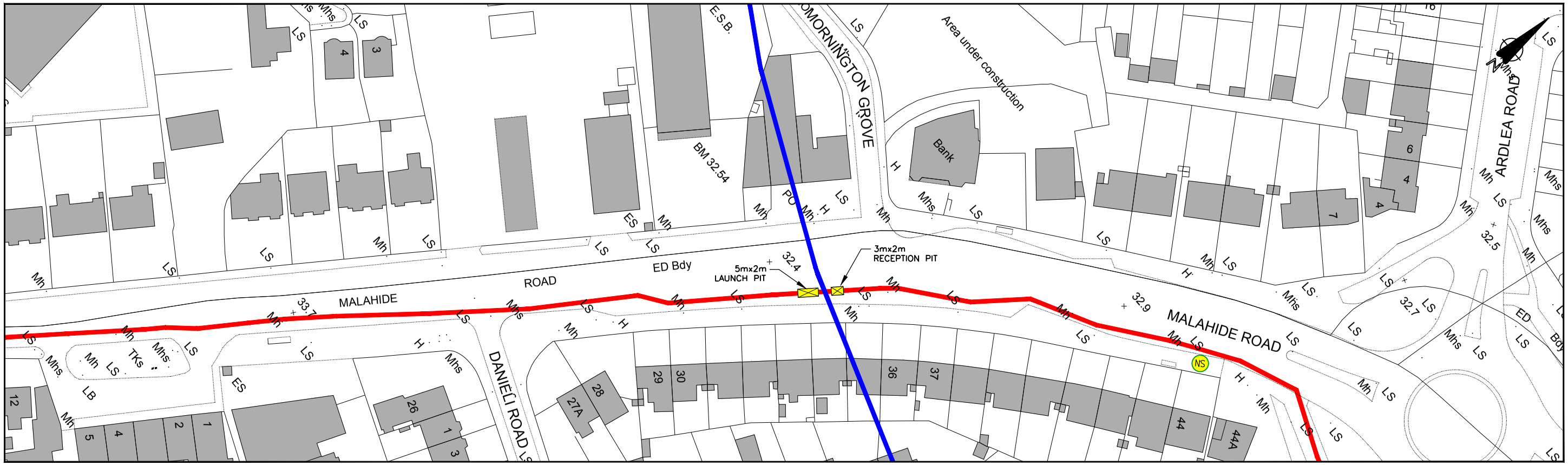
Scale 1:500/A3

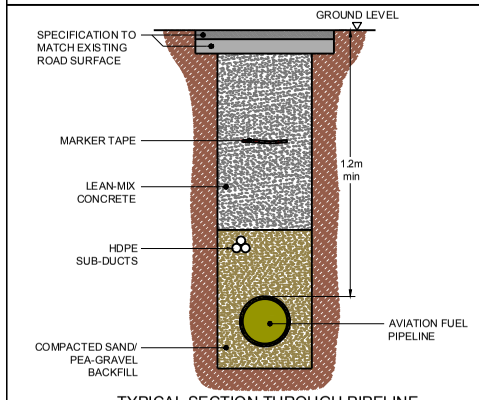
Drawing Number 0362-D-07-C-0006

Status ISSUED

Sheet 1 Of 1







TYPICAL SECTION THROUGH PIPELINE

MAP KEY (@1:25,000)

PIPELINE SPECIFICATIONS	
DIAMETER OF PIPE	200mm
DESIGN PRESSURE	40 BAR
PIPELINE WALL THICKNESS	12.7mm

O.S. MAP Ref.	3132-24, 3132-25

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KEY

- APPROX RIVER (CULVERT) ROUTE
- PROPOSED AVIATION FUEL PIPELINE
- PROPOSED LAUNCH & RECEPTION PIT LOCATIONS

*NOTE: PIT WALLS TO BE DUG AT 1m OFFSET FROM CULVERT

REV	REVISION	REV.BY	A	B	C
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Project: AVIATION FUEL PIPELINE

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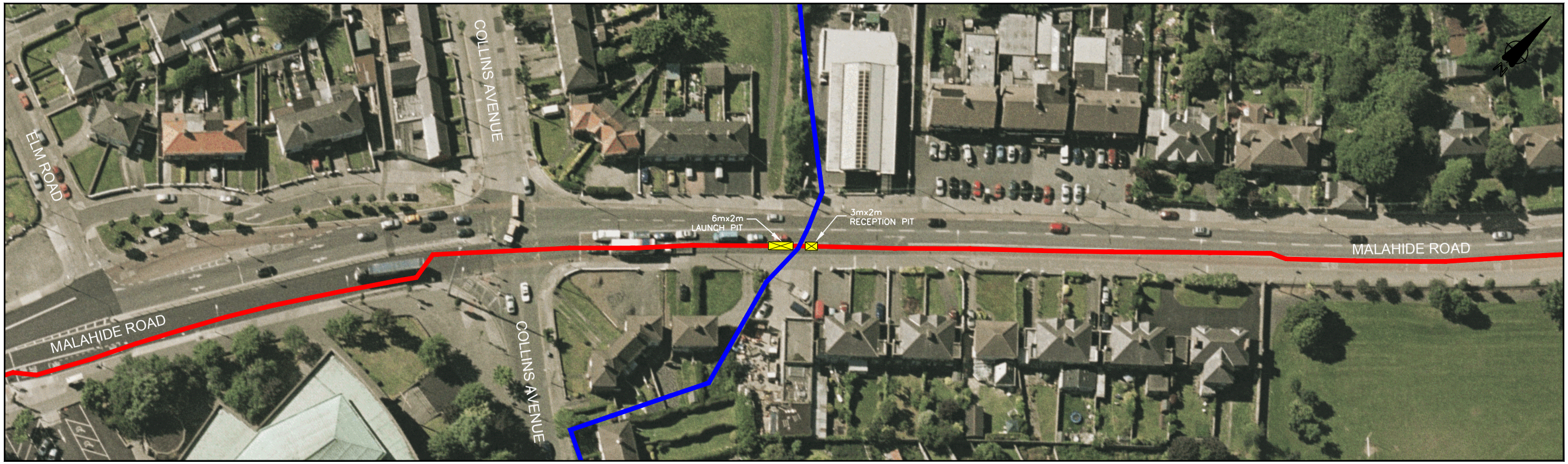
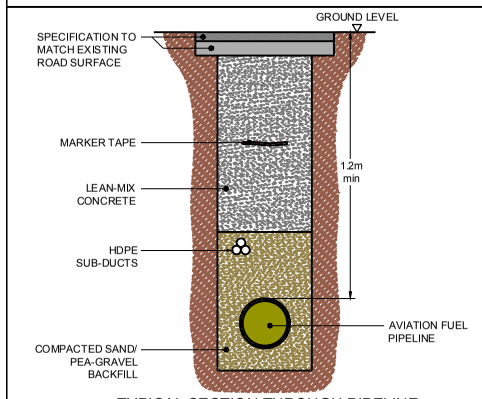
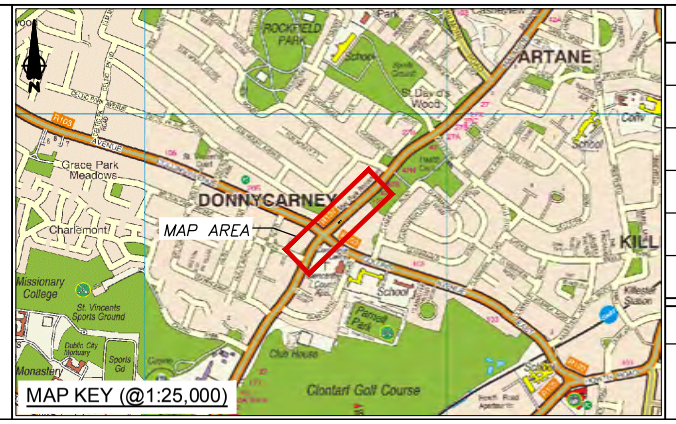
NANIKEN RIVER; PROPOSED LAUNCH & RECEPTION PIT LOCATIONS

Scale	Status	Drawing Number	Sheet
1:1000/A3	ISSUED	0362/D/07/G/0001	1 Of 1





TYPICAL SECTION THROUGH PIPELINE



MAP KEY (@1:25,000)

PIPELINE SPECIFICATIONS	
DIAMETER OF PIPE	200mm
DESIGN PRESSURE	40 BAR
PIPELINE WALL THICKNESS	12.7mm

O.S. MAP Ref.	3198-04

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KEY

- APPROX RIVER (CULVERT) ROUTE
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- PROPOSED LAUNCH & RECEPTION PIT LOCATIONS

*NOTE: PIT WALLS TO BE DUG AT 1m OFFSET FROM CULVERT

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Project: AVIATION FUEL PIPELINE

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WAD RIVER; PROPOSED LAUNCH & RECEPTION PIT LOCATIONS

Scale	Status	Drawing Number	Sheet
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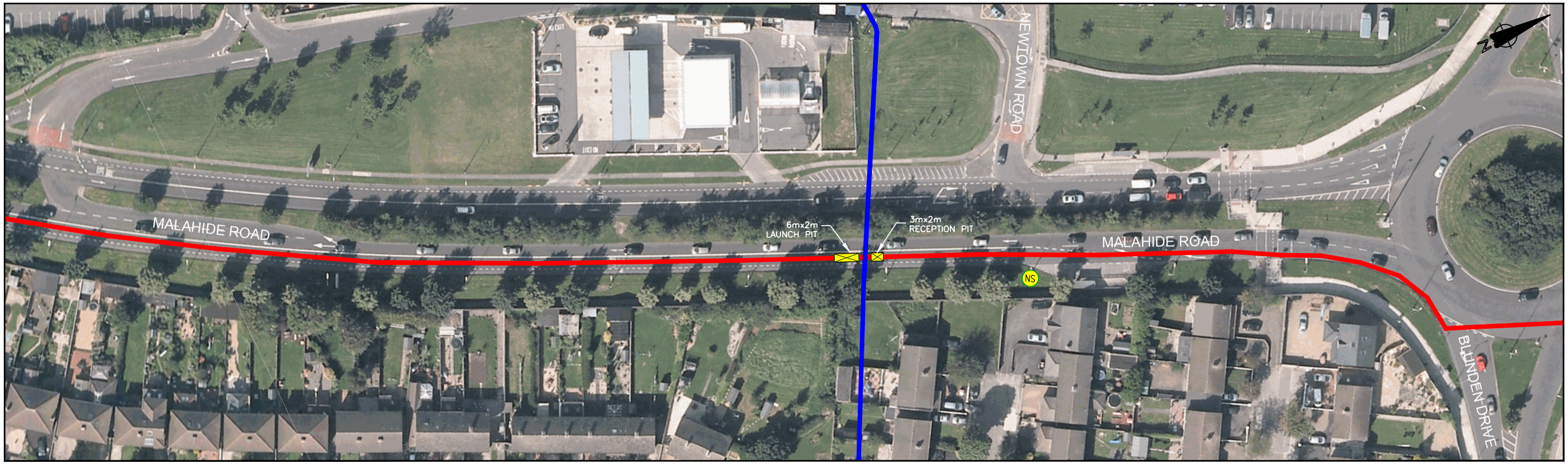
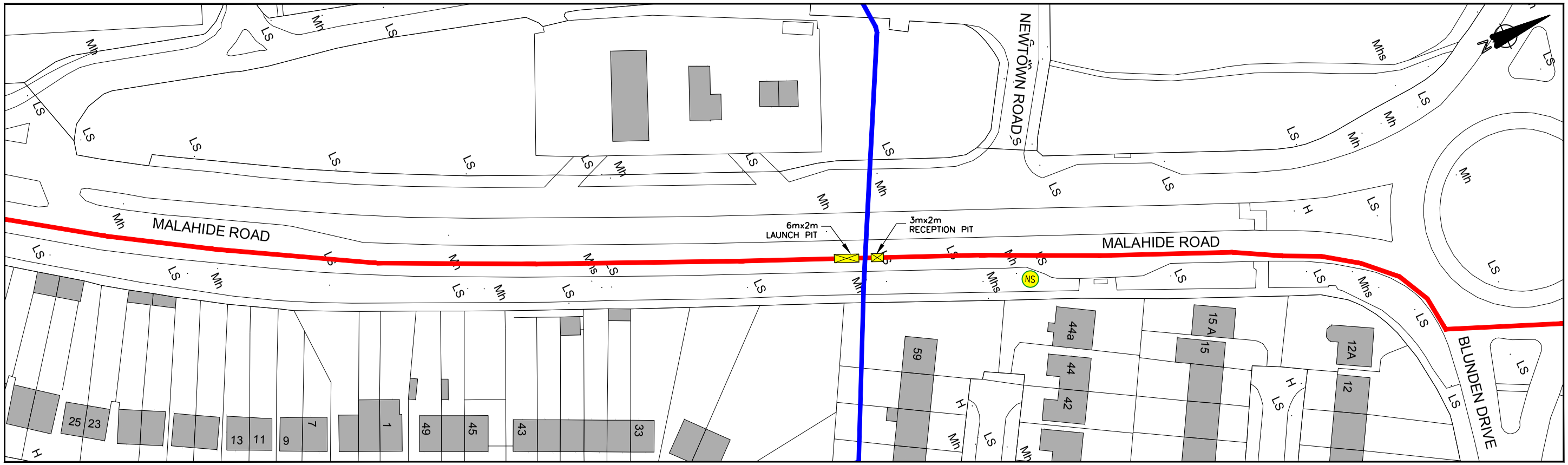
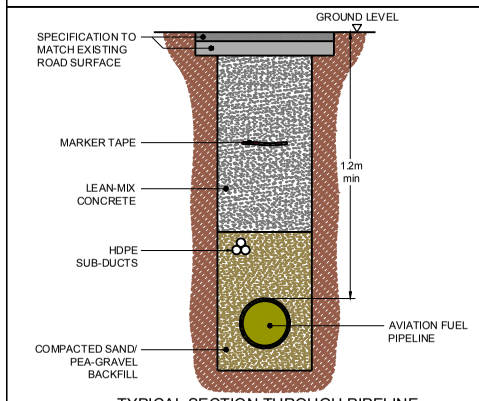
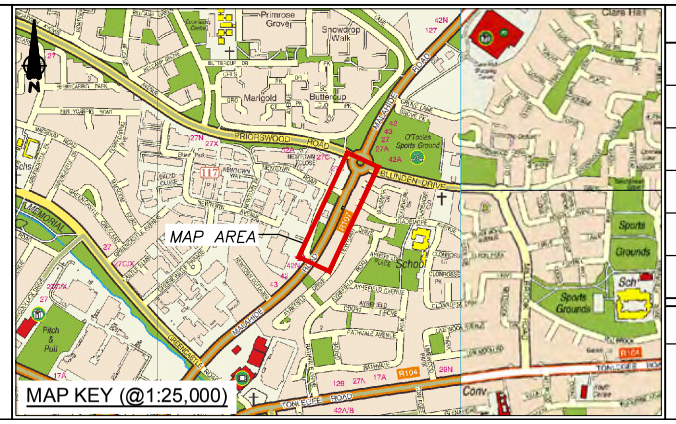






TYPICAL SECTION THROUGH PIPELINE



MAP KEY (@1:25,000)

PIPELINE SPECIFICATIONS	
DIAMETER OF PIPE	200mm
DESIGN PRESSURE	40 BAR
PIPELINE WALL THICKNESS	12.7mm

O.S. MAP Ref.	3133-06, 3133-11

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KEY

- APPROX STREAM (CULVERT) ROUTE
- PROPOSED AVIATION FUEL PIPELINE
- PROPOSED LAUNCH & RECEPTION PIT LOCATIONS

*NOTE: PIT WALLS TO BE DUG AT 1m OFFSET FROM CULVERT

REV	REVISION	REV.BY	A	B	C
1	PLANNING ISSUE	RMD 08/01/15	KM 08/01/15	MW 08/01/15	ML 08/01/15
0	CONSULTATION	RMD 11/08/14	KM 11/08/14	MW 11/08/14	ML 11/08/14

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On Behalf of:
INDEPENDENT PIPELINE Co. Ltd.

Project
AVIATION FUEL PIPELINE

APPROVALS

A	ENGINEER
B	PROJECT MANAGER
C	PROJECT DIRECTOR

KILBARRACK STREAM; PROPOSED LAUNCH & RECEPTION PIT LOCATIONS

Scale	Status	Drawing Number	Sheet
1:1000/A3	ISSUED	0362/D/07/G/0003	1 of 1