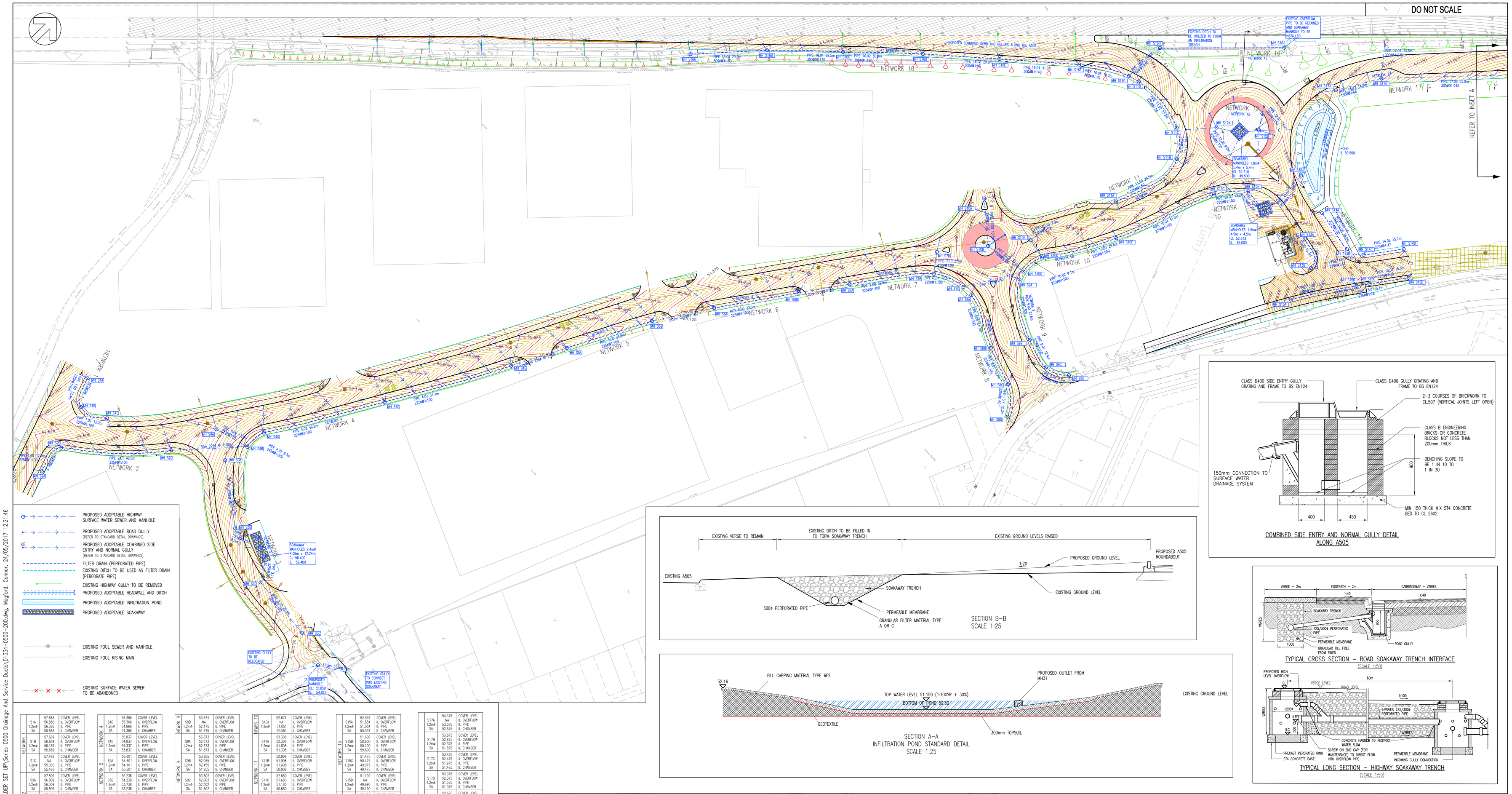
DO NOT SCALE




- PROPOSED ADOPTABLE HIGHWAY SURFACE WATER SEWER AND MANHOLE
- PROPOSED ADOPTABLE ROAD GULLY (REFER TO STANDARD DETAIL DRAWINGS)
- KG PROPOSED ADOPTABLE COMBINED SIDE ENTRY AND NORMAL GULLY (REFER TO STANDARD DETAIL DRAWINGS)
- FILTER DRAIN (PERFORATED PIPE)
- EXISTING DITCH TO BE USED AS FILTER DRAIN (PERFORATE PIPE)
- EXISTING HIGHWAY GULLY TO BE REMOVED
- PROPOSED ADOPTABLE HEADWALL AND DITCH
- PROPOSED ADOPTABLE INFILTRATION POND
- PROPOSED ADOPTABLE SOAKAWAY
- EXISTING FOUL SEWER AND MANHOLE
- EXISTING FOUL RISING MAIN
- EXISTING SURFACE WATER SEWER TO BE ABANDONED

| | | | |
|---|---|---|---|
| NETWORK 1 | S1A 1.2m# SA | 57.886 56.686 55.886 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S1B 1.2m# SA | 57.689 56.689 55.689 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 2 | S1C 1.2m# SA | 57.496 55.996 55.496 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S2A 1.2m# SA | 57.809 56.809 55.809 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S2B 1.2m# SA | 57.619 56.619 55.619 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S2C 1.2m# SA | 57.240 56.240 55.540 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 3 | S3A 1.2m# SA | 56.741 55.316 54.816 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S3B 1.2m# SA | 56.434 55.009 54.509 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S3C 1.2m# SA | 55.926 NA 54.501 54.001 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S3D 1.2m# SA | 56.199 NA 54.150 53.750 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 4 | S4A 1.2m# SA | NA NA 55.400 54.900 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S4B 1.2m# SA | 56.875 55.740 55.240 54.740 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S4C 1.2m# SA | 56.900 55.900 55.400 54.900 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 4 | S4D 1.2m# SA | 56.366 55.366 54.866 54.366 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 5 | S4E 1.2m# SA | 55.837 54.837 54.337 53.837 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S5A 1.2m# SA | 55.601 54.601 54.101 53.601 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S5B 1.2m# SA | 55.238 54.238 53.738 53.238 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 6 | S6A 1.2m# SA | 54.975 53.975 53.475 52.975 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S6B 1.2m# SA | 54.612 53.612 53.112 52.612 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 7 | S7A 1.2m# SA | 54.419 53.419 52.919 52.419 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S7B 1.2m# SA | 54.094 53.094 52.594 52.094 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S7C 1.2m# SA | 53.972 52.972 52.472 51.972 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S7D 1.2m# SA | 54.071 53.071 52.571 52.071 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 8 | S8A 1.2m# SA | 53.935 52.935 52.435 51.935 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S8B 1.2m# SA | 54.016 53.016 52.516 52.016 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S8C 1.2m# SA | 53.861 52.861 52.361 51.861 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 9 | S8D 1.2m# SA | 53.674 52.175 51.675 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S9A 1.2m# SA | 53.873 52.373 51.873 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S9B 1.2m# SA | 53.955 52.455 51.955 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S9C 1.2m# SA | 53.802 52.802 52.302 51.802 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S9D 1.2m# SA | 53.687 52.687 52.187 51.687 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 10 | S10A 1.2m# | 53.977 NA 52.377 51.877 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S10B 1.2m# SA | 53.806 NA 52.192 51.692 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S10C 1.2m# SA | 53.849 52.448 51.948 51.448 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S10D 1.2m# SA | 53.693 52.400 51.900 51.400 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S10E 1.2m# SA | 53.714 52.014 51.514 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S10F 1.2m# SA | 53.547 52.336 51.836 51.336 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S10G 1.2m# SA | 52.872 51.872 51.372 50.872 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S10H 1.2m# SA | 52.753 51.753 51.253 50.753 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 10 | S10J 1.2m# SA | 52.674 NA 51.051 50.551 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 11 | S11A 1.2m# SA | 53.308 52.308 51.808 51.308 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S11B 1.2m# SA | 52.908 51.908 51.408 50.908 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S11C 1.2m# SA | 52.680 51.680 51.180 50.680 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S11D 1.2m# SA | 52.248 NA 50.748 50.248 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 12 | S12A 1.2m# SA | 52.783 NA 51.183 50.783 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S12B 1.2m# SA | 52.649 NA 51.149 50.649 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 13 | S13A 1.2m# SA | 52.150 51.150 50.650 50.150 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S13B 1.2m# SA | 52.176 NA 50.676 50.176 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 14 | S14A 1.2m# SA | 52.333 50.833 50.333 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S14B 1.2m# SA | 50.850 50.350 49.850 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 15 | S14C 1.2m# SA | 51.597 50.097 49.597 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S14D 1.2m# SA | 51.236 NA 49.736 49.236 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 15 | S15A 1.2m# SA | 52.534 51.534 51.034 50.534 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S15B 1.2m# SA | 51.600 50.100 49.600 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S15C 1.2m# SA | 51.475 50.475 49.975 49.475 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S15D 1.2m# SA | 51.190 NA 49.690 49.190 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 16 | S16A 1.2m# SA | 53.450 52.505 52.050 51.505 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16B 1.2m# SA | 53.221 52.321 51.821 51.321 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16C 1.2m# SA | 52.970 52.070 51.570 51.070 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16D 1.2m# SA | 52.716 51.816 51.316 50.816 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16E 1.2m# SA | 52.395 51.495 50.995 50.495 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16F 1.2m# SA | 52.175 50.775 50.275 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16G 1.2m# SA | 51.025 50.525 50.025 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16H 1.2m# SA | 52.412 NA 50.458 50.258 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S16J 1.2m# SA | 51.914 50.770 50.337 50.000 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| NETWORK 17 | S17A 1.2m# SA | 54.375 NA 53.075 52.575 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17B 1.2m# SA | 53.875 52.875 52.375 51.875 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17C 1.2m# SA | 53.475 52.475 51.975 51.475 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17D 1.2m# SA | 53.075 52.075 51.575 51.075 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17E 1.2m# SA | 52.675 51.675 51.475 50.975 | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17F 1.2m# | 52.025 NA 50.565 NA | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17G 1.2m# | 51.400 NA 50.304 NA | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17H 1.2m# | 51.900 NA 50.080 NA | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17J 1.2m# | 52.150 NA 50.500 NA | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |
| | S17K 1.2m# | 51.925 NA 50.606 NA | COVER LEVEL IL OVERFLOW IL PIPE IL CHAMBER |

NOTES: SA DENOTES PERFORATED SOAKAWAY MANHOLE. ALL OTHER MANHOLES TO BE STANDARD NON PERFORATED CONSTRUCTION.







SECTION B–B
SCALE 1:25




SECTION A–A
INFILTRATION POND STANDARD DETAIL
SCALE 1:25




COMBINED SIDE ENTRY AND NORMAL GULLY DETAIL ALONG A505




TYPICAL CROSS SECTION – ROAD SOAKAWAY TRENCH INTERFACE
(SCALE 1:50)




TYPICAL LONG SECTION – HIGHWAY SOAKAWAY TRENCH
(SCALE 1:50)

NOTES

1. FILTER DRAIN MANHOLE CONNECTIONS ALLOW FOR 1.2m COVER WITHIN THE ROAD.

| REV | DATE | BY | DESCRIPTION | CHK | APD |
|---|---|---|---|---|---|
| F | 24.05.2017 | KJ | ISSUED FOR TENDER PART 2 | AK | KM |
| E | 16.05.2017 | NLD | ISSUED FOR PLANNING APPROVAL | AK | KM |
| D | 08.05.2017 | NLD | ISSUED FOR TENDER | AK | KM |
| C | 20/01/2017 | JL | ISSUED FOR STAGE 2 COUNCIL COMMENTS | AK | KM |
| B | 11/07/2016 | JL | AMENDED TO STAGE 2 RSA | AK | KM |
| A | 23/02/2016 | JG | SECOND SUBMISSION TO HCC | KM | GD |

DRAWING STATUS: TENDER DRAWING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CLIENT: KIAFIELD PROPERTIES LTD

ARCHITECT: FARRELL CLARK ARCHITECTS

PROJECT: INDUSTRIAL DEVELOPMENT, ROYSTON

TITLE: FOUL AND SURFACE WATER DRAINAGE PLAN

| | |
|---|---|
| SCALE @ A0: 1:500 | CHECKED: JG |
| APPROVED: GD | |
| CAD FILE: 0500-200 | DESIGN DRAWN: JCM |
| DATE: January 16 | |
| PROJECT No: 60001334 | DRAWING No: 01334-0500-200 |
| REV: F | |


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