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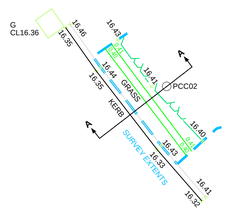

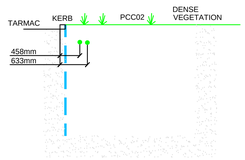

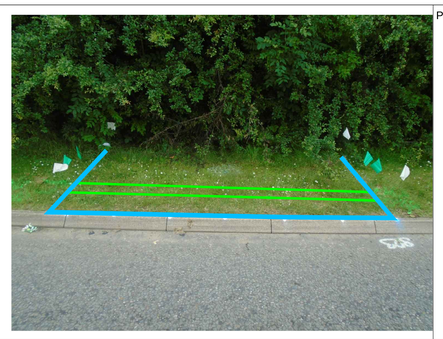

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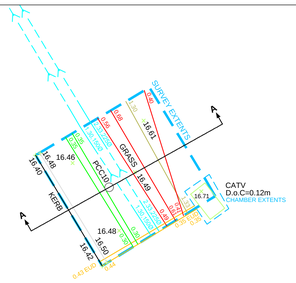

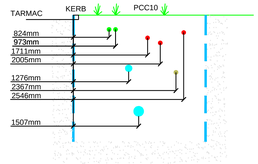

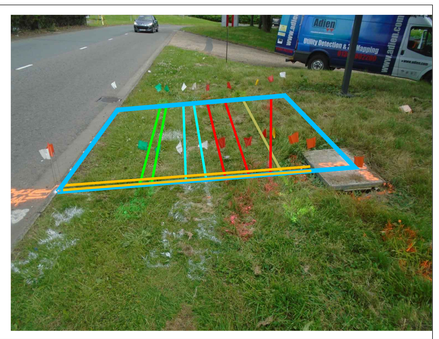

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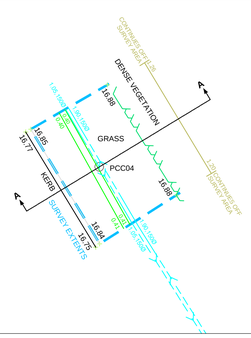

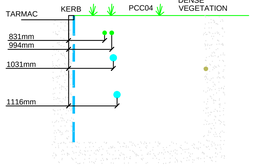

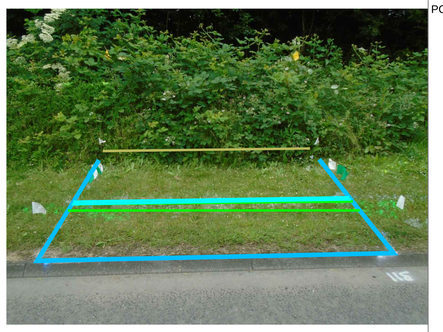

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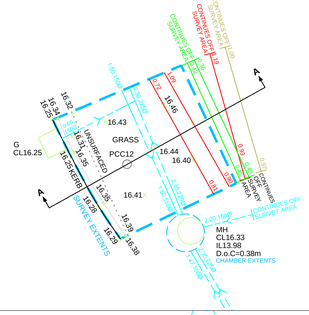

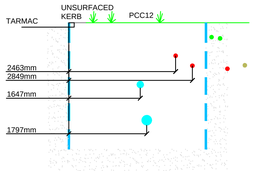

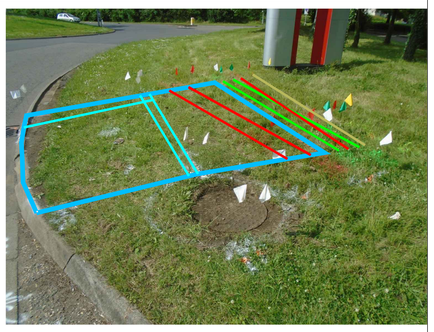

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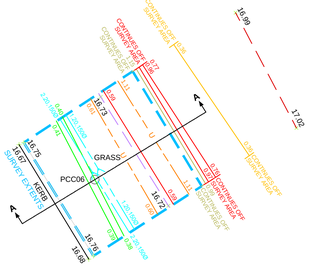

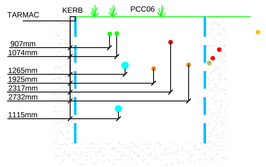

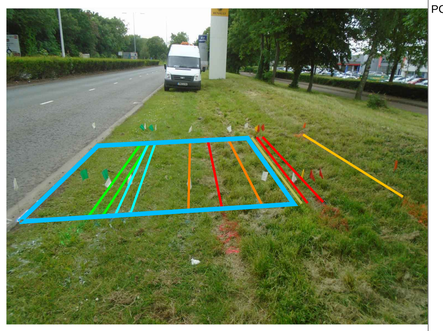

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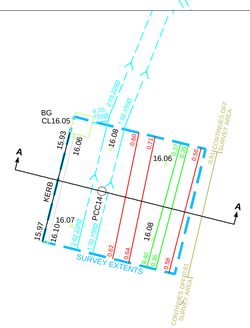

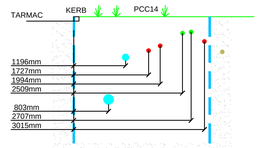

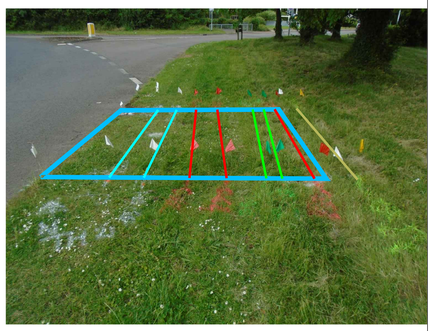

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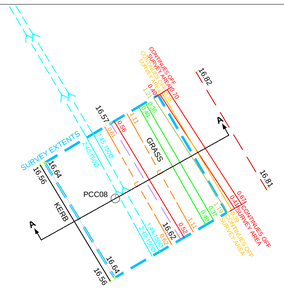

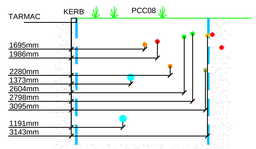

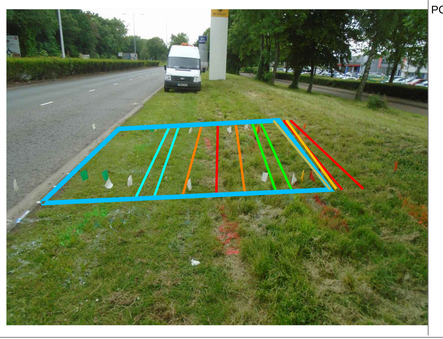

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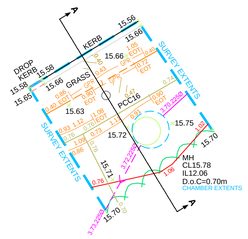

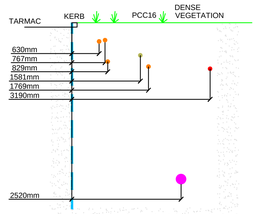

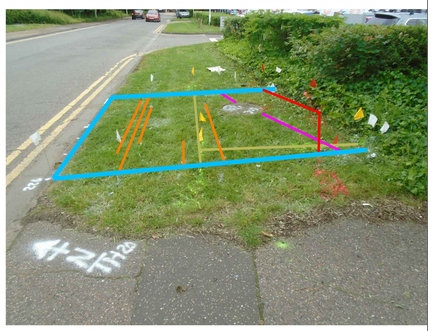

N

LEGEND:-

- WATER
- GAS
- TELECOMS
- CATV
- ELECTRICITY
- SURFACE WATER
- FOUL WATER
- COMBINED WATER
- UNKNOWN DETECTION

TOPOGRAPHICAL LEGEND :-

- BANK BOTTOM
- BANK TOP
- BOUNDARY
- BUILDING
- OUT BUILDING
- O/H BUILDING CANOPY
- CANOPY (VEGETATION)
- HEDGE
- DITCH BOTTOM
- DITCH TOP
- DRAINAGE CHANNEL
- HARD/HARD SURFACE CHANGE
- HARD/SOFT SURFACE CHANGE
- SOFT/SOFT SURFACE CHANGE
- KERB
- KERB (DROP)
- ROAD EDGE
- FENCE
- WALL
- STEPS
- RAILWAY LINE
- O/H ELECTRIC
- O/H TELECOMS
- SURVEY EXTENTS
- X-SECTION
- GATE
- PYLON
- CABLE STAY
- TREE
- BUSH
- TRIAL PIT
- BOREHOLE
- SURVEY STATION
- HACHURE

UTILITY LEGEND :-

- CATV CABLE
- CATV DUCT
- TELECOMS CABLE
- TELECOMS DUCT
- ELECTRIC CABLE
- ELECTRIC CABLE DUCT
- EARTH TAPE
- UNKNOWN DETECTION
- UNKNOWN DUCT
- GAS
- WATER MAIN
- RISING MAIN
- SEWER (COMBINED WATER)
- SEWER (FOUL WATER)
- SEWER (SURFACE WATER)
- HEATING PIPES
- FUEL LINES
- PIPELINE
- UTILITY FROM RECORDS
- VISIBLE TRENCH LINE
- CHAMBER EXTENTS
- UNKNOWN DETECTION LOCATED WITH GPR
- ASSUMED ROUTE OR ROUTE UNKNOWN BUT VOID LOCATED WITH GPR HITS
- OVERLAY MAP
- GPR ANOMALY
- VOID LOCATED WITH GPR
- UTT - UNABLE TO TRACE
- UTS - UNABLE TO SONDE
- EOT - END OF TRACE
- EOS - END OF SONDE
- EUD - EMPTY UTILITY DUCT
- UNABLE TO RAISE COVER OR SURVEY FULLY. ADDITIONAL RUNS / UTILITIES MAY BE PRESENT

NOTES :-

1. Surveyed June 2016.
2. Survey related to Ordnance Survey National Grid (OSTN02).
3. Levels related to orthometric heights taken from GPS readings.
4. Values on utility strings show depth below ground.
5. Scale Factor = 0.9997922029
6. Read in conjunction with all existing records made available.
7. Some utilities / routes are shown beyond and outside of survey extents for clarity purposes, and should not be considered void of other services / utilities that have not been surveyed in these locations.
8. The GPR anomalies should be treated with caution and there is no guarantee than anything actually exists, only a possibility that something may be there.

CAUTION:

ADIEN ARE CERTIFIED UNDER ISO 9001:2008 FOR THE PROVISION OF UTILITY DETECTION & MAPPING SERVICES AND HAVE ENDEAVOURED TO SUPPLY THE HIGHEST ACCURACY OF DATA POSSIBLE USING ESTABLISHED SYSTEMS, PROCEDURES AND THE APPLICATION OF THE MOST RELIABLE DETECTION & LOCATION TECHNOLOGY AVAILABLE. ALL MEASUREMENTS ARE TAKEN FROM THE SURFACE AND WHILST BEST PRACTICE IS IMPLEMENTED, ERRORS MAY OCCUR IN RELATION TO THE POSITIONS AND DEPTHS GIVEN FOR BURIED PLANT, CHAMBERS, PIPES & CABLES. IN CERTAIN CASES THIS ERROR MAY BE IN EXCESS OF 20% OF THE VALUE STATED. THERE MAY BE SERVICES PRESENT THAT DUE TO THE LIMITATIONS IN CURRENT TECHNOLOGY OR SITE RELATED FACTORS NOT EVIDENT AT THE TIME OF THE SURVEY, COULD NOT BE LOCATED. THEREFORE DO NOT APPEAR ON THIS DRAWING. YOU ARE ADVISED TO ENSURE OBSERVANCE OF HSG47 AND BEST PRACTICE WHEN EXCAVATING ON THIS SITE. NO LIABILITY FOR ERRORS, OMISSIONS OR EXCEPTIONS WILL BE ACCEPTED BY ADIEN.

- Service located by Electro Magnetic Detection e.g. Metallic pipes & cables
- Service located by Electro Magnetic Detection using a Sonde e.g. Drainage
- Service located by Ground Penetrating Radar e.g. Plastic pipes or services which could not be detected using other methods

ORIGINAL SIZE: A0 - DO NOT SCALE !

DATE	REVISIONS	Signed

CLIENT : ADIEN

PROJECT NAME:
UNIT 5, DELTA COURT,
SKY BUSINESS PARK,
ROBIN HOOD AIRPORT, DN9 3GN

PROJECT TYPE:
3D UTILITY SURVEY AND
TOPOGRAPHICAL SURVEY

SURVEYOR :	DRAWN :	APPROVED :
***	***	***

DIGITAL FILE :	ORIGINAL SIZE:	SCALE :	SHEET:
	A0	1:50	1 of 4

DRAWING No: REV:

Adien
A FLEXIBLE APPROACH TO UTILITY DETECTION AND MAPPING SERVICES

DELTA COURT,SKY BUSINESS PARK,ROBIN HOOD AIRPORT, DONCASTER, DN9 3GB
tel: 01302 802200, fax: 01302 802213, email: info@adien.com - web: www.adien.com
1ST Floor, Vassart Place, Unit 2/8 Inchmuir Road, Whitehall Ind Est, Bathgate, EH48 2EP
tel: 0800 612 9168, email: fblyth@adien.com - web: www.adien.com

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