



ABBREVIATIONS :-

AV	AIR VALVE	G	GULLY	S/OR	START OF RUN
AG	ABOVE GROUND	GP	GATE POST	RET	RETAINING WALL
BD	BACK DROP	GV	GAS VALVE	SPL	SNG POST (UT)
BG	BACK INLET GULLY	GS	GRAZE	SF	SECURITY FENCE (FENCE)
BK	BICK	HC	HEATING COVER	SFCAM	SPEED CAMERA
BK	BICK	HL	HAND RAIL (FENCE)	ST	STONE
BOL	BOLLARD (UT)	IC	INSPECTION COVER	SV	SOIL VENT PIPE
BPAV	BLOCK PAVING	IL	INVERT LEVEL	SV	SOIL VENT PIPE
BS	BUS STOP SIGN	IR	IRON RAILING (FENCE)	T	TELECOM TRUNK
BW	BARRIERS (FENCE)	IS	IRON SINK OUTLET	T	TELECOM TRUNK
CB	CUTY COVER	IP	IRMP POST	T	TELECOM TRUNK
CC	CLOSED BARBED (FENCE)	IP	IRMP POST	T	TELECOM TRUNK
CD	CUTY CAMERA	IP	IRMP POST	T	TELECOM TRUNK
CD	CONCRETE (FENCE)	M	MANHOLE	TCAM	TRAFFIC CAMERA
CD	CONCRETE (FENCE)	M	MANHOLE	TCAM	TRAFFIC CAMERA
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CD	CONCRETE (FENCE)	M	MANHOLE	TCAM	TRAFFIC CAMERA
CD	CONCRETE (FENCE)	M	MANHOLE	TCAM	TRAFFIC CAMERA

TOPOGRAPHICAL LEGEND :-

---	BANK BOTTOM	---	SOFT/SOFT SURFACE CHANGE
---	BANK TOP	---	KERB
---	BOUNDARY	---	KERB DROPP
---	BUILDING	---	ROAD EDGE
---	OUT BUILDING	---	FENCE
---	ROAD EDGE	---	WALL
---	ROAD EDGE	---	STEPS
---	ROAD EDGE	---	RAILWAY LINE
---	ROAD EDGE	---	OH ELECTRIC
---	ROAD EDGE	---	OH TELEPHONE
---	ROAD EDGE	---	OH ELECTRIC
---	ROAD EDGE	---	OH ELECTRIC
---	ROAD EDGE	---	OH ELECTRIC

UTILITY LEGEND :-

---	CITY CABLE	---	PIPELINE
---	CITY DUCT	---	VISIBLE TRENCH LINE
---	TELECOMS CABLE	---	CHAMBER EXTENTS
---	TELECOMS DUCT	---	UTILITY FROM RECORDS
---	ELECTRIC CABLE	---	OVERLAY MAP
---	ELECTRIC CABLE DUCT	---	UTL - UNABLE TO TRACE
---	EARTH TAPE	---	UTL - UNABLE TO SONDE
---	UNKNOWN DETECTION	---	END OF TRACE
---	UNKNOWN DUCT	---	END OF TRACE
---	GAS	---	END OF TRACE
---	WATER MAIN	---	END - EMPTY UTILITY DUCT
---	RISING MAIN	---	SEWER (DOWNED WATER)
---	SEWER (DOWNED WATER)	---	SEWER (POOL WATER)
---	SEWER (POOL WATER)	---	SEWER (SURFACE WATER)
---	SEWER (SURFACE WATER)	---	HEATING PIPES
---	HEATING PIPES	---	FUEL LINES

NOTES :-

1. Surveyed October 2015.
2. Survey related to Ordnance Survey National Grid (OSTND).
3. Levels related to orthometric heights taken from GPS readings.
4. Values on utility drops shown below ground.
5. One point location at station K21. Scale Factor = 1.00000000.
6. Read in accordance with all existing records made available.
7. Sewer functionality taken from existing records.
8. 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.

CAUTION:

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ORIGINAL SIZE: A0 - DO NOT SCALE !

CLIENT : ADLEN
PROJECT NAME: UNIT 5, DELTA COURT, SKY BUSINESS PARK, ROBIN HOOD AIRPORT, DN9 3GN
PROJECT TYPE: 3D UTILITY SURVEY & BASIC TOPOGRAPHICAL SURVEY

DRAWING No: ... **REV:** ...

DIGITAL FILE: ... **ORIGINAL SIZE:** A0 **SCALE:** 1:100 **SHEET:** 1 of 1

DATE **REVISIONS** **Signd**

Adien
 A FLEXIBLE APPROACH TO UTILITY DETECTION AND MAPPING SERVICES

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