

ha

PLOT 1
0.97
ACRES
0.39
ha

0.00
ACRES
0.33
ha

PLOT 13
1.30
ACRES
0.52
ha

PLOT 12
1.00
ACRES
0.40
ha

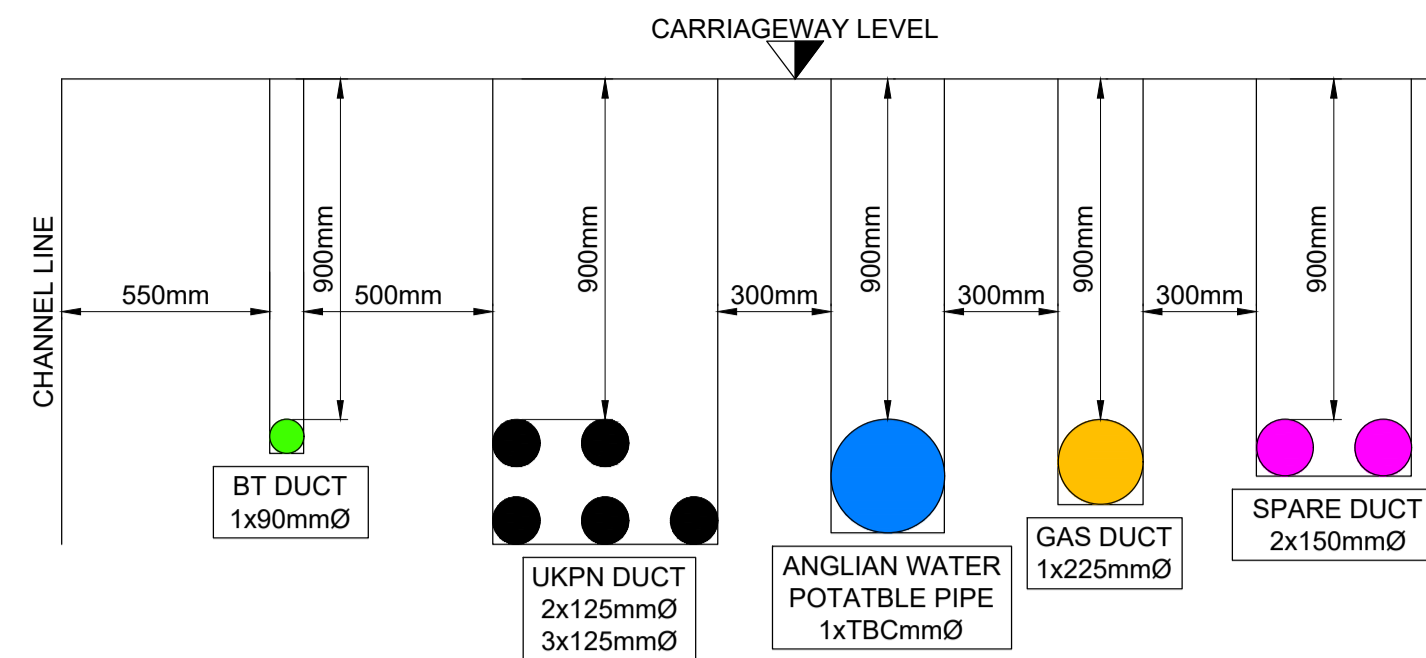
PLOT 31
1.18
ACRES
0.47
ha

PLOT 30
1.52
ACRES
0.61
ha

PLOT 32
3.00
ACRES
1.21
ha

PLOT A
1.18
ACRES

PLOT 2.02
ACRES



NOTE: UK POWER NETWORKS: ELECTRIC DUCT ARE TO BE BLACK AND, USING 125mm INTERNAL DIAMETER BLACK TWIN-WALLED HIGH DENSITY POLYTHENE (RIDGIDUCT)(POLYPIPE PRODUCT CODE RB125).

TYPICAL UTILITIES TRENCH CROSS-SECTION
SCALE 1:20

PRIVATE HIGHWAYS NOTES:

1. CBR VALUES ASSUMED TO BE 2% CONTRACTOR TO UNDERTAKE CBR TESTING ON SITE TO CONFIRM CBR VALUES AND ESTABLISH EXTENTS OF CAPPING REQUIREMENTS.
2. CBR TESTING IS ONLY RELEVANT IN NATURAL SOILS AND CANNOT BE USED FOR PAVEMENT DESIGN IN FILL MATERIALS. BY THEIR NATURE FILLS AND RANDOM AND HIGHLY VARIABLE IN DENSITY AND CBR TESTING IN THEM ONLY ASSESSES THE QUALITY OF THE MATERIAL AT THE LOCUS OF THE TEST. THEREFORE FOR PAVEMENT CONSTRUCTION ON FILL MATERIALS, UNLESS THE FILL MATERIAL IS EQUIVALENT TO OR BETTER THAN THE SPECIFIED CAPPING MATERIAL, A FULL 350mm CAPPING LAYER IS REQUIRED.
3. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WORKS TO ENSURE THE STABILITY OF EMBANKMENTS AND EXCAVATED FACES. ALL TEMPORARY WORKS DESIGN REQUIRED IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. WHERE HAZARDOUS MATERIAL ARE ENCOUNTERED DURING EXCAVATION THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS FOR SAFE HANDLING AND DISPOSAL OF THE MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPROPRIATE ENVIRONMENTAL HEALTH AUTHORITY AND THE HEALTH AND SAFETY EXECUTIVE.
5. FORMATIONS WHICH ARE DAMAGED BY EXPOSURE, INCLEMENT WEATHER OR TRAFFIC SHALL BE MADE GOOD AS DIRECTED BY THE ENGINEER, ALL AT THE CONTRACTOR'S OWN EXPENSE.
6. THE CONTRACTOR IS REQUIRED TO PROVIDE DETAILS AND CERTIFICATES AS TO WHERE ANY IMPORTED MATERIAL IS BEING SOURCED.
7. ALL HARDSTANDINGS AND OBSTRUCTIONS ENCOUNTERED THROUGH THE SITE ARE TO BE CRUSHED, GRADED AND REUSED WHERE POSSIBLE.
8. SUITABLE DEMOLITION ARISING TO BE REUSED ON SITE TO BE SCREENED, CRUSHED AND USED AS GENERAL FILL. MATERIALS TO BE RE-ENGINEERED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY TO A 6F2 GRADING CLASSIFICATION.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL ROADS IN THE SURROUNDING AREA FREE FROM DEBRIS AND DIRT DURING THE EARTHWORK OPERATIONS AND THROUGHOUT THE CONTRACT.
10. ALL MATERIALS AND WORKMANSHIP TO COMPLY WITH THE DEPARTMENT FOR TRANSPORT SPECIFICATION FOR HIGHWAY WORKS, FORMING VOLUME 1 OF THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS (MCHW) PUBLISHED BY THE HIGHWAYS AGENCY.
11. ALL LINING TO BE THERMOPLASTIC SCREENED WITH APPLIED SOLID GLASS BEADS TO CHAPTER 5 OF THE TRAFFIC SIGNS REGULATIONS & GENERAL DIRECTIONS.

GENERAL NOTES:

1. THE DRAWINGS, DESIGN AND ALL INFORMATION CONTAINED THEREIN ARE THE SOLE COPYRIGHT OF CANHAM CONSULTING LTD AND ANY REPRODUCTION IS FORBIDDEN UNLESS PERMISSION IS OBTAINED IN WRITING.
2. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL / STRUCTURAL ENGINEERING DRAWINGS, THE PROJECT SPECIFICATION AND DRAWINGS PRODUCED BY THE ARCHITECTS, SERVICE ENGINEERS AND LANDSCAPE ARCHITECTS.
3. FOR ALL SETTING OUT INFORMATION REFER TO THE ARCHITECT'S DRAWINGS AND DETAILS.
4. ANY DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER, AND THAT PROVIDED BY OTHERS, MUST BE REFERRED TO THE ENGINEER BEFORE THE AFFECTED WORKS PROCEED.
5. DIMENSIONS MUST NOT BE SCALED FROM THE ENGINEER'S DRAWINGS.
6. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
7. DIMENSIONS MARKED * ARE SUBJECT TO CONFIRMATION BY SITE MEASUREMENT BEFORE CONSTRUCTION PROCEEDS.
8. THE CONTRACTOR IS TO ENSURE THE STABILITY OF EACH ELEMENT AND THE STABILITY OF THE OVERALL CONSTRUCTION UNTIL THE WORKS ARE COMPLETE.
9. ALL DESIGNS, CONNECTIONS, WORKMANSHIP AND MATERIAL ARE TO COMPLY WITH THE CURRENT BUILDING REGULATIONS AND THE LATEST RELEVANT BRITISH STANDARD SPECIFICATION AND CODES OF PRACTICE OR OTHERWISE BE TO THE SPECIFIC WRITTEN APPROVAL OF THE ENGINEER.
10. INSPECTIONS MADE BY THE LOCAL AUTHORITY, SHALL BE ARRANGED BY THE CONTRACTOR TO SUIT HIS PROGRAMME. ANY COST ARISING OUT OF FAILING TO CARRY OUT THE WORK TO THE SATISFACTION OF THE LOCAL AUTHORITY WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
11. THE CONTRACTOR MUST MAKE HIMSELF AWARE OF THE EXISTING UTILITIES / SERVICES LOCATED WITHIN AND ADJACENT TO THE SITE. **NO EXCAVATIONS ARE TO BE UNDERTAKEN UNTIL THE UTILITY COMPANIES HAVE BEEN INFORMED / CO-ORDINATED WITH:** DIAL-BEFORE-YOU-DIG ADVICE IS FOLLOWED AND THE AREA IS CAT SCANNED. ALL UTILITY COMPANY GUIDELINES AND HEALTH & SAFETY PROCEDURES MUST BE STRICTLY FOLLOWED.
12. FOR SIZE AND LOCATION OF ALL SERVICES REFER TO THE SERVICE ENGINEER'S AND ARCHITECT'S DRAWINGS.
13. NCC DRAINAGE LAYOUT BASED UPON DRAWINGS 70058908-WSP-500-501, 70058908-WSP-500-503 & 70058908-WSP-500-504 DATED FEBRUARY 20. CANHAM CONSULTING LTD CANNOT ACCEPT ANY LIABILITY FOR THE CONTENT & ACCURACY OF THE NCC DRAINAGE LAYOUT.

LEGEND

- PROPOSED HB2 KERB
- DK PROPOSED DROPPER KERB
- PROPOSED DROPPED FLUSH KERB
- PROPOSED 25mm UPSTAND KERB
- PROPOSED PATH EDGING
- EXISTING HB2 KERB
- PROPOSED BT DUCT
- PROPOSED UKPN DUCT
- PROPOSED ANGLIAN WATER DUCT
- PROPOSED GAS DUCT
- PROPOSED SPARE DUCT
- PROPOSED UTILITIES TRENCH
- EXISTING BT DUCT
- EXISTING UKPN DUCT
- EXISTING ANGLIAN WATER DUCT
- PROPOSED SURFACE WATER PIPE
- PROPOSED PRIVATE SURFACE WATER MANHOLES
- PROPOSED PRIVATE SURFACE WATER INSPECTION CHAMBER
- INDICATIVE FOUL WATER PIPE - SUBJECT TO CONTRACTOR DESIGN
- INDICATIVE PRIVATE FOUL WATER MANHOLES - SUBJECT TO CONTRACTOR DESIGN
- INDICATIVE PRIVATE FOUL WATER INSPECTION CHAMBER - SUBJECT TO CONTRACTOR DESIGN
- EXISTING SURFACE WATER PIPE / DUCT
- EXISTING FOUL WATER PIPE / DUCT
- SERVICES AND DRAINAGE EASEMENT

rev	date	details	drawn	checked
P06	10.11.23	ADDITIONAL PLOT ACCESSES ADDED	GPC	JL
P05	24.08.23	MASTERPLAN UPDATED	GPC	JL
P04	01.08.23	FURTHER DESIGN DEVELOPMENT	SAH	JL
P03	07.06.23	UPDATE FOLLOWING HIGHWAYS COMMENTS	SAH	JL
P02	26.04.23	PLOT 32 & 32A DUCTING LAYOUT UPDATED	GPC	JL
P01	10.01.23	PRELIMINARY ISSUE	GPC	JL



Structural Engineers **Civil Engineers** **Building Surveyors**

+44 (0)1603 430650 | mail@canhamconsulting.co.uk | www.canhamconsulting.co.uk

client: BUILDING PARTNERSHIP LTD NORWICH

architect: CHAPLIN FARRANT LTD NORWICH

project: BROADWAY ENTERPRISE PARK NORWICH

title: PRIVATE HIGHWAYS: DUCTING PLAN SHEET 1 OF 3

CCL ref: 214438 GPC JL JL 1:500 A1 (L) 10.01.2023

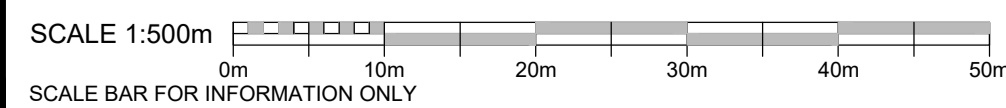
status: S3 - SUITABLE FOR REVIEW & COMMENT

drawing number: 214438-CCL-XX-00-DR-C-4021 P06

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MANHOLE TO BE BUILT ON EXISTING SPUR.
CL: TBC
IL: 25.547m
MANHOLE LOCATION, SPECIFICATION AND LEVEL SUBJECT TO CONTRACTOR DESIGN

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IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.



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