TENDER

KEY

NEW UTILITIES
- POTABLE WATER MAIN (T.B.A)
- POTABLE WATER SERVICE PIPE
- WASHOUT HYDRANT / FIRE HYDRANT
- STOP VALVE
- METER
- MANIFOLD WITH NO. OF CONNECTIONS
- LOW VOLTAGE DUCT/CABLE (T.B.A)
- LOW VOLTAGE SERVICE CABLE
- PRIVATE ELECTRICAL CABLE/DUCT
- POT END
- HIGH VOLTAGE DUCT/CABLE (T.B.A)
- SUBSTATION
- FEEDER PILLAR (EV)
- PRIVATE EV DUCT (63mm OD)
- PRIVATE EV DUCT (110mm OD)
- POLE MOUNTED CAR CHARGING POINT
- POLE MOUNTED DOUBLE CAR CHARGING POINT
- WALL MOUNTED CAR CHARGING POINT
- TELECOM DUCT/CABLE (OPENREACH)
- TELECOM SERVICE CABLE
- JUNCTION BOX (WITH OPENREACH REF)

COORDINATION BETWEEN DRAINAGE AND LANDSCAPING OUTSTANDING. STREETLIGHT DESIGN IN ABEYANCE, FOR TENDER PURPOSES ALLOW FOR 35 COLUMNS & CONNECTIONS.

Bartons Road

B2147 HAVANT ROAD

OFFSITE POINTS OF CONNECTION FOR WATER AND OPENREACH TO BE CONFIRMED.

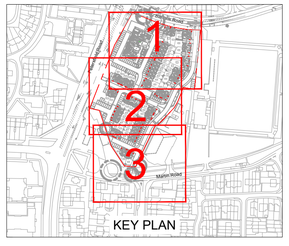
INCOMING SERVICE LOCATIONS FOR APARTMENT BLOCK TO BE CONFIRMED BY M&E CONSULTANT.

ROUTE TO EV CHARGER FOR PLOT 1 TO BE AGREED

SECOND EV CHARGER FOR PLOT 31 TO BE REMOVED

ROUTE TO EV CHARGER FOR PLOT 32 TO BE AGREED

PLOTS 55-90 APARTMENTS



SERVICES/ROAD CROSSING DUCT SCHEDULE		
SERVICE	TYPE/SIZE	DUCT SIZE
WATER	SINGLE 25/32mm or 2 PORT MANIFOLDS	100mm
	4/6 PORT MANIFOLD / 63mm MAIN	150mm
	90mm MAIN	150mm
	125mm MAIN	200mm
	180mm MAIN	300mm
	250 / 315mm MAIN	450mm
GAS	32mm SERVICES	100mm
	63mm MAIN	150mm
	90mm MAIN	150mm
	125mm MAIN	200mm
	180mm MAIN	300mm
	250/315mm MAIN	450mm
ELECTRICITY	35mm² SERVICES	38mm
	LV SERVICE/MAINS CABLE ROAD CROSSING INSIDE DIAMETER	125mm
	HV MAINS CABLE ROAD CROSSING INSIDE DIAMETER	150mm
OPENREACH	SERVICES DUCTS (DUCT 55MM INSIDE Ø)	50mm
	MAINS DUCTS (DUCT 90mm INSIDE Ø)	90mm

NOTE: IF IN DOUBT, REFER TO INDIVIDUAL UTILITY DESIGN DRAWINGS

SCALE BAR 1:200
0 5 10 20m

RISK SCHEDULE	
ITEM	DESCRIPTION OF RISK
⚠	SPECIFIC HEALTH AND SAFETY RISKS ASSOCIATED WITH THIS DRAWING ARE HIGHLIGHTED WITH THE CAUTION SYMBOL ADJACENT TO THE ITEM OF RISK. PLEASE REFER TO RISK SCHEDULE CONTAINED ON INDIVIDUAL DRAWINGS.
⚠1	EXCAVATION SHOULD BE CARRIED OUT IN ACCORDANCE WITH HS (G) 47 "AVOIDING DANGER FROM UNDERGROUND SERVICES".

UTILITIES CONNECTIONS SCHEDULE						
SERVICE	COMPANY	QUOTE REF.	STATUS	DWG REF.	DWG REV.	COORDINATED WITH NIC DWG (Y/N)
WATER	-	-	-	-	-	-
ELECTRICITY	-	-	-	-	-	-
TELECOM	-	-	-	-	-	-

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE AND ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM. DO NOT SCALE FROM THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH NIC "UTILITIES TYPICAL INSTALLATION DETAILS" DRAWING REF.: GUI005-NIC-XX-XX-DR-U-96-110.
3. THE SERVICES AND EXISTING SEWERAGE/DRAINAGE INFORMATION ON THIS DRAWING IS GIVEN WITHOUT OBLIGATION, OR WARRANTY. THE ACCURACY THEREOF CANNOT BE GUARANTEED BY NIC LTD. THE CONTRACTOR SHALL VERIFY THE DEPTHS AND LOCATIONS OF ALL EXISTING SERVICES AND SEWERAGE/DRAINAGE INFRASTRUCTURE, SHOWN TO BE CROSSING THE PROPOSED INFRASTRUCTURE, PRIOR TO CONSTRUCTION COMMENCEMENT. EXCAVATION SHOULD BE CARRIED OUT IN ACCORDANCE WITH HS (G) 47 AVOIDING DANGER FROM UNDERGROUND SERVICES.
4. THIS DRAWING IS FOR COORDINATION PURPOSES ONLY. PLEASE REFER TO INDIVIDUAL UTILITY DRAWINGS FOR FULL DESIGN DETAILS.
5. SERVICES WHICH CROSS DRIVEWAYS OR PARKING BAYS ARE REQUIRED TO BE INSTALLED AT CARRIAGEWAY DEPTH.
6. ALL DUCTING FOR ROAD CROSSINGS TO BE SUPPLIED BY THE GROUNDWORKER APART FROM FIBRE DUCTS WHICH ARE FREE-ISSUED.
7. ACCESS COVERS TO BE CLASS D400 WHEN ACCESS CHAMBERS ARE LOCATED WITHIN CARRIAGEWAYS OR PARKING AREAS.
8. ALL DUCTWORK FOR ELECTRIC CABLES TO BE LAID WITH A MINIMUM OF TWO NYLON DRAW-CORDS WITHIN EACH RUN.
9. ROOT GUARD PROTECTION REQUIRED WHERE UTILITIES ARE IN CLOSE PROXIMITY TO TREES AND ARE LAID UNDERNEATH CANOPIES.
10. STONEBOND IS TO APPOINT A SPECIALIST ELECTRIC VEHICLE CHARGING SUPPLIER TO DESIGN THE SITE WIDE ELECTRIC VEHICLE CHARGING POINT (EVCP) NETWORK AND PROVIDE THE ASSOCIATED CHARGING UNITS AND INFRASTRUCTURE. CURRENT EVCP DUCT LAYOUTS ARE INDICATIVE ONLY AND ARE TO BE COORDINATED WITH THE EVCP COMPANY'S DESIGNS, WHEN RECEIVED. REFERENCE SHOULD BE MADE, PRIMARILY TO THE EVCP COMPANY'S DRAWINGS FOR DETAILS OF THE CHARGING UNITS TO BE INSTALLED.
11. SUBSTATION DESIGN TBC. FOR TENDER PURPOSES GTC'S SUBSTATION REQUIREMENTS ARE TO BE USED, REFER TO THE FOLLOWING DOCUMENTS/DRAWINGS:
    - GE-TGI-IG-0032
    - GTC-E-EA-0001
    - GTC-E-EA-0002
    - GTC-E-EA-0013
    - GTC-E-SS-0012
    - GTC-E-SS-0014
    - SQD-1002GTC
12. ACCESS COVERS TO BE CLASS D400 WHEN ACCESS CHAMBERS ARE LOCATED WITHIN CARRIAGEWAYS OR PARKING AREAS.
13. 125mm ø ID BLACK SOLID RIGIDUCT DUCTS TO BE USED FOR LV CABLES, TO BE SUPPLIED AND INSTALLED BY GROUNDWORKER. POLYPIPE CIVILS SUPPLIERS CODE RB125X2 OR RB125X6.
14. DUCTING FOR LV SINGLE PHASE SERVICES SHALL BE 38mm ø OD BLACK POLYDUCT COMPLIANT WITH ENATS 12-24.
15. TILE TAPE FOR 11kV DUCTS MUST BE MARKED UK POWER NETWORKS. PROVIDED IN 40m COILS X 200mm (WIDE) X 2.5mm (THICK). TO BE LAID OVER ENTIRE RUN OF CABLE AND JOINTS. THE TILE TAPE TO BE OBTAINED BY DJ CIVILS. UKPN STORE CODE IS 04039G
16. 150mm ø BLACK SOLID RIGIDCUTS DUCTS TO BE USED FOR 11kV CABLES TO BE SUPPLIED AND INSTALLED BY GROUNDWORKER. POLYPIPE CIVILS SUPPLIERS CODE RB150X2.

LS	ISSUED FOR TENDER.	TO1	DS	TW	20/07/26
DRN	REVISION NOTES:	REV	CHK	AUTH	DATE
		NIC PROJECT REF.: P362			

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Stonebond.

Project Title:
BARTONS ROAD, HAVANT

Project Number:P362

Scale:
1:200 AT A1

Drawing Title:
COORDINATED UTILITIES LAYOUT SHEET 1

Date:
20/07/26

Revision Notes:
TENDER

Drawing Number:
GUI005-NIC-XX-XX-DR-U-96-101

Rev:
T01