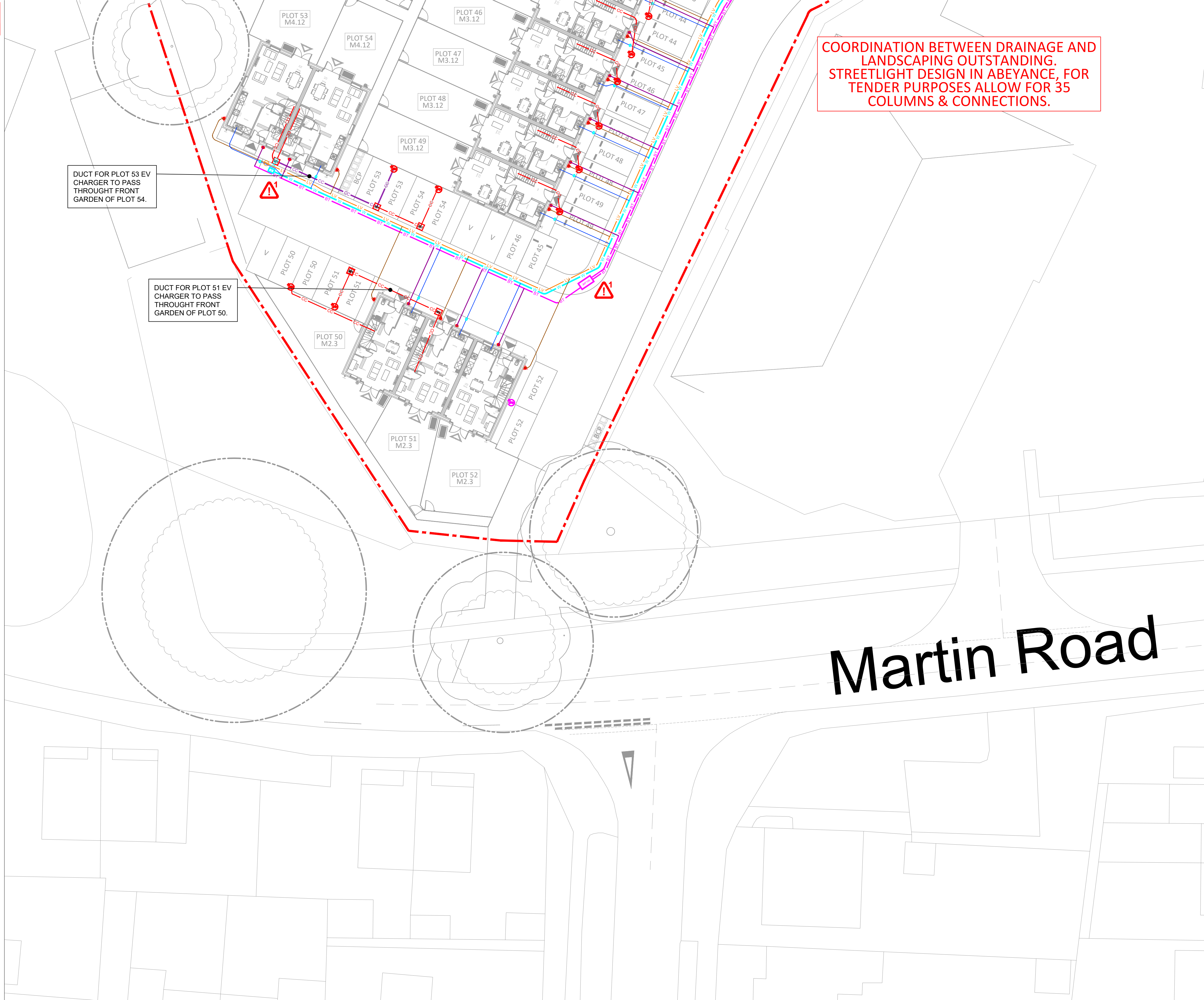
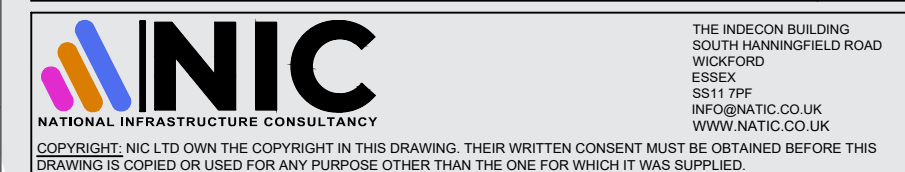
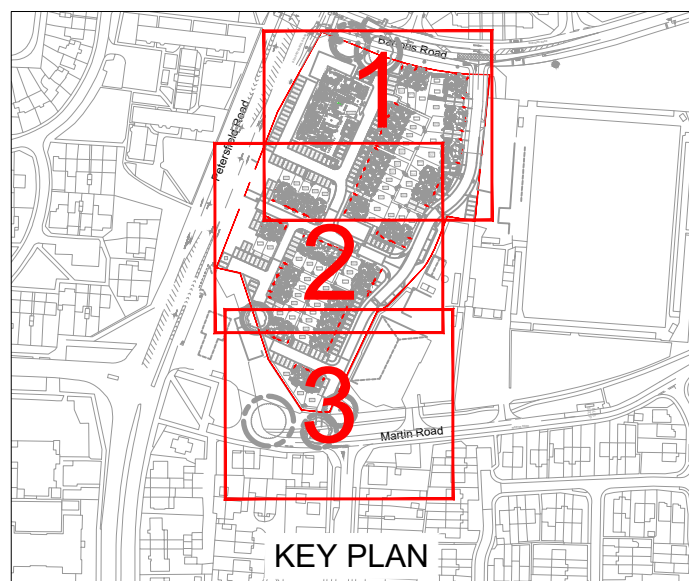


KEY	NEW UTILITIES
	POTABLE WATER MAIN (T.B.A)
	POTABLE WATER SERVICE PIPE
	WASHOUT HYDRANT / FIRE HYDRANT
	STOP VALVE
	METER
	MANHOLE WITH NO. OF CONNECTIONS
	LOW VOLTAGE DUCT/CABLE (T.B.A)
	LOW VOLTAGE SERVICE CABLE
	PRIVATE VENTILATION CABLE/DUCT
	POT END
	HIGH VOLTAGE DUCT/CABLE (T.B.A)
	SUBSTATION
	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 RH)
	JUNCTION BOX (WITHOUT OPENREACH RH)



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.: GJ1005-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-TG-IG-0032
 - GTC-E-EA-0001
 - GTC-E-EA-0002
 - GTC-E-EA-0013
 - GTC-E-SS-0012
 - GTC-E-SS-0014
 - SQD-10029TC
11. ACCESS COVERS TO BE CLASS D400 WHEN ACCESS CHAMBERS ARE LOCATED WITHIN CARRIAGEWAYS OR PARKING AREAS.
12. 125mm Ø ID BLACK SOLID RIGIDUCT DUCTS TO BE SUPPLIED FOR LV CABLES, TO BE SUPPLIED AND INSTALLED BY GROUNDWORKER. POLYPIPE CIVILS SUPPLIERS CODE RB125X2C OR RB125X6.
13. DUCTING FOR LV SINGLE PHASE SERVICES SHALL BE 38mm Ø OD BLACK POLYDUCT COMPLIANT WITH EN425 12-24.
14. 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 040396
15. 150mm Ø BLACK SOLID RIGIDUCTS DUCTS TO BE USED FOR 11kV CABLES TO BE SUPPLIED AND INSTALLED BY GROUNDWORKER. POLYPIPE CIVILS SUPPLIERS CODE RB150X2.

[illegible]

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
GAS	250 / 315mm MAIN	450mm
	32mm SERVICES	100mm
	63mm MAIN	150mm
	90mm MAIN	150mm
	125mm MAIN	200mm
ELECTRICITY	180mm MAIN	300mm
	250/315mm MAIN	450mm
	35mm ² SERVICES	38mm
	LV SERVICE/MAINS CABLE ROAD CROSSING	125mm
	INSIDE DIAMETER	
OPENREACH	HV MAINS CABLE ROAD CROSSING	150mm
	INSIDE DIAMETER	
SERVICES DUCTS (DUCT 56MM INSIDE Ø)		50mm
	MAINT. DUCTS (DUCT 90mm INSIDE Ø)	90mm

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

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.
	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	-	-	-	-	-	-

Stonebond.

Project Title:
BARTONS ROAD, HAVANT

Project
Number:P362

Drawing Title:
COORDINATED
UTILITIES LAYOUT
SHEET 3

Revision
Notes:
TENDER

Drawing Number:
GUI005-NIC-XX-XX-DR-U-96-103

Scale:
1:200 AT A1

Date:
20/07/26

Rev:
T01