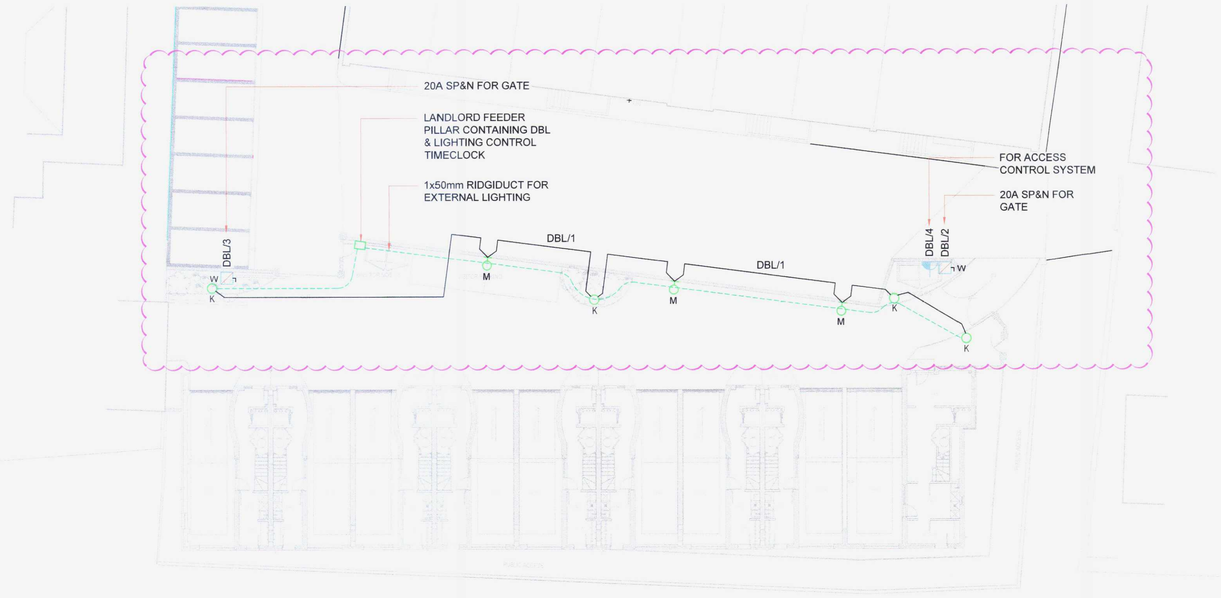
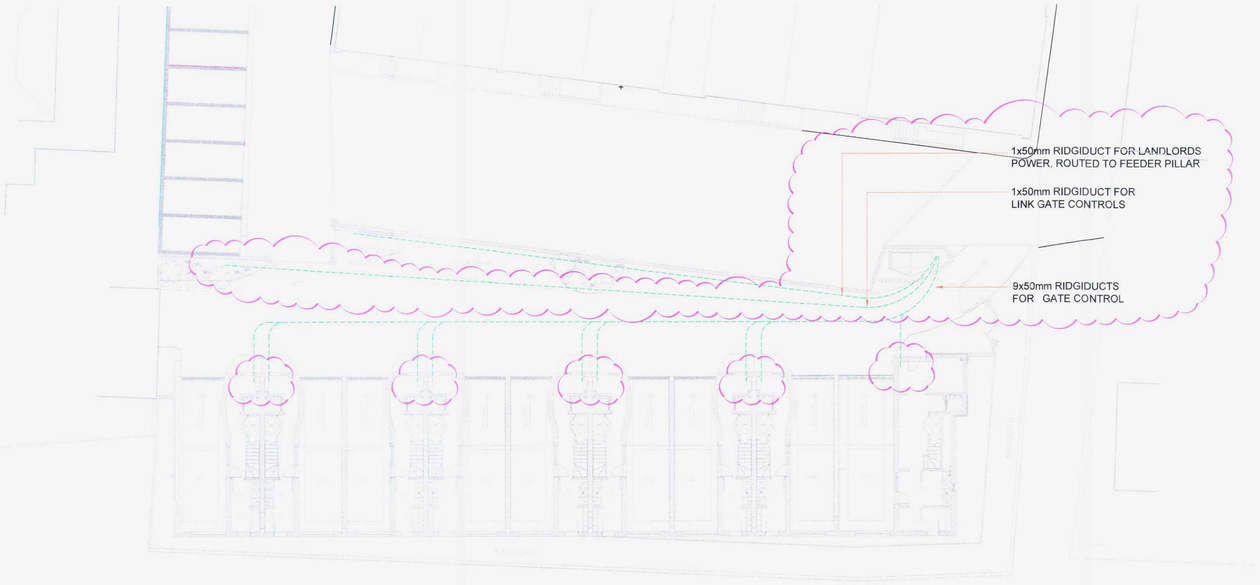
A1

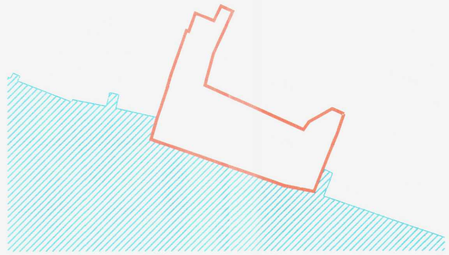


EXTERNAL LIGHTING & LANDLORDS SERVICES

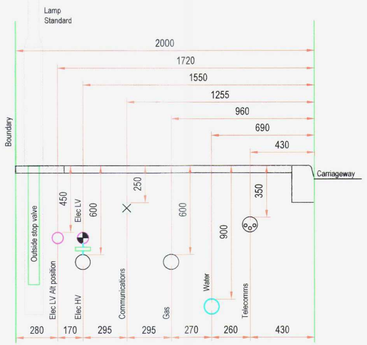


LANDLORDS SERVICES FOR GATE CONTROL

ADUR & WORTHING PLANNING SERVICES
PLAN AWDM/0871/11
DATE VALID 22 JUL 2013



LOCATION PLAN - AS EXISTING



GENERIC POSITIONING OF UTILITY
(Dimensions in millimetres) NOT TO SCALE



DETAIL A-A
SETTING OUR OF INCOMING
ELECTRICAL SERVICES

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Related Documents:
This drawing to be read in conjunction with all relevant DG, Architects, Engineers and Specialist Drawings and Specification(s).

'Uncontrolled':
Please note that this document, once issued, is effectively 'uncontrolled' and as such the reader should verify that this is the latest revision.

1. External lighting photocell to be located on north facing facade, within the site boundary. This device shall not be fixed to a residential unit.
2. Isolators for gate shall be suitably IP rated & include a lockable facility, Each residential unit shall be provided 2 x keys for this lock.
3. SFCU for access control shall be lockable. lock/keys shall be suited with gate lock.
4. Feeder pillar shall incorporate incoming service head & metering and shall be sized accordingly.

GENERAL
All on-site trenches shall be excavated and backfilled with clean material by the ground-works contractor to the satisfaction of the C.A.

Trenches shall be excavated to allow for a sand bed layer of 50mm thickness unless otherwise indicated.

Where ducts are within building structure or below highways etc the depth and location shall be confirmed by the Structural Engineer regarding construction suitability.

All services below highways or concrete hard standing shall be installed within twin walled Ridgiducts.

GENERAL ELECTRICAL DUCTS
All on-site electrical ducts shall be twin walled Ridgiducts (orange colour), laid to the routes indicated on the drawing and the size of ducts will be as shown but a minimum of 100D.

All ducts shall be installed a minimum of 600mm BFGL.

ELECTRIC MAINS
The ground-work contractor shall install ducts(s), for all electrical mains in the position shown on the drawings. All electrical ducts and road crossing ducts shall be twin walled Ridgiducts installed at a minimum depth of 600mm below finished ground level (BFGL).

Draw-pits will be constructed from engineering brick by the ground-works contractor in the position and to the size as shown on the drawing, all construction details are to be advised by the structural engineer. Dimensions of the draw pits are nominal and may be adjusted slightly to accommodate standard pit covers. Excavation and back-filling of building shall be undertaken by the ground work contractor to the Structural Engineers specification.

CABLES INSTALLED IN/OFF GROUND
Where on-site cables are installed direct in the ground they shall be laid in trenches excavated and backfilled by the contractor. The trenches shall be 700mm deep, with the cable laid on a 100mm bed of sand and all cables with a further 150mm layer of sand. Cable warning-identification tape shall be placed on the sand covering the full length of the cable run.

BRITISH TELECOM SERVICES
The ground-works contractor shall install duct/work for site BT service as indicated on the drawings to the satisfaction of British Telecom. Ducts will be provided FREE ISSUE by British Telecom and with a cover of 600mm under carriageways and 350mm under footpaths.

These ducts will be minimally 92mm dia PVC.

Draw-pits will be constructed to details provided by BT. Excavation and backfilling of building shall be undertaken by the ground-works contractor.

GAS MAINS
The sub-contractor shall verify that the existing site services will support the additional capacity. Pipework shall be laid with a minimum cover of 600mm & metal trace marker tape to be installed over the full length of pipework run identifiable from ground level.

WATER MAINS
The ground-work contractor shall install site water services as indicated on the drawing, to the satisfaction of the water authority.

All buried water services shall be installed using blue, medium density polythene pipes (HDPE to BS 6572 laid with a minimum cover of 600mm & metal trace marker tape to be installed over the full length of pipework run identifiable from ground level. The installation shall be subjected to a pressure test of 10 bar for 1 hour before backfilling commences and shall be witnessed by the C.A. All tests shall be carried out in accordance with the chlorination injection tee shall be provided on the water mains at the connection point to the supply side. Chlorination will be the responsibility of the contractor.

1. ALL INFORMATION ILLUSTRATED ON THIS DRAWING IS INDICATIVE & THE CONTRACTOR SHALL ENSURE THAT EXISTING SITE SERVICES ARE LOCATED BY C.A.T. SCAN OR OTHER METHODS AS APPROPRIATE, SO AS TO ENABLE ANY LIVE SUPPLY SERVING ADJACENT PROPERTIES TO BE MAINTAINED.
2. ALL NECESSARY TRIAL HOLES EXCAVATED TO LOCATE PRIVATE SITE SERVICES SHALL BE DUG BY HAND AND THE AS BUILTS RECORDED ON EXISTING SITE SERVICES DRAWING.
3. WHERE EXCAVATING IN THE VICINITY OF LIVE SITE SERVICES APPROPRIATE HEALTH & SAFETY REQUIREMENTS SHALL BE APPLIED AT ALL TIMES.
4. WHERE EXCAVATING CLOSE TO STATUTORY AUTHORITY SUPPLIES THE AUTHORITIES HEALTH & SAFETY REQUIREMENTS SHALL BE APPLIED.
5. EXISTING LIVE SERVICES THAT ARE TO BE MADE REDUNDANT SHALL BE TERMINATED BY THE RELEVANT AUTHORITY AND RECORDED ON THE EXISTING SITE SERVICES DRAWING.
6. THE CONTRACTOR SHALL MEET WITH EACH STATUTORY BODY AND COORDINATE THE TERMINATION/DIVERSION OF SERVICES AND ADVISE THE SERVICES CONSULTANT OF THE PROPOSED WORKS TO BE CARRIED OUT.
7. NOTICES REQUIRED TO COMPLETE TERMINATION/DIVERSION OF WORKS SHALL BE IDENTIFIED BY THE CONTRACTOR AND CONFIRMED WITH AN INSTRUCTION FROM THE SERVICES CONSULTANT.
8. NOT ALL PRIVATE EXISTING SITE SERVICES MAY BE INDICATED ON THIS DRAWING. THE CONTRACTOR SHALL ENSURE HEALTH & SAFETY MEASURES ARE APPLIED WHEN LOCATING ON SITE SERVICES.
9. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH STATUTORY AUTHORITY DRAWINGS.

T2	14.06.13	REVISED AS CLOUDED
T1	01.05.13	TENDER ISSUE

RIVERSIDE LIVING

Delta Green
environmental design

NORFOLK HOUSE
SHOREHAM-BY-SEA

EXTERNAL LIGHTING &
LANDLORDS SERVICES

JAN 2013	1:200/1000	AC/SRS	JaP

Drawing No. TENDER

1301 MEP 80 XX 02 T2