Lettable Unit bin storage with 100x100 timber posts with Horizontal timber boarding to match external elevations

Tarmac

Edge formwork

Proposed HV Substation to be GRP enclosure refer to Central networks drg STND-001-009 for all details

450X450 pavers between substation and gas meter

for gas meter base see dgr 4007, base dim 950x1165

125Ø ducts for future use

Existing MP & CL Fence 1.0m High

Centre Line of Beech Hedge

Extent of O/H Canopy

Tarmac

MP & CL Fence 1.0m High

1000mm min.between gas main and HV sustation

Drop kerb

LC

new lamp post to match existing new column to be connected to existing adjacent column

Concrete area for walkway

Proposed tarmac road

300 deep Gravel margin

2 visitor Spaces

2 disabled spaces

BT pop up 100mm duct enters slab on 900mm radious bend

new Tarmac path

Proposed connection to existing water main at meter

Prop Gas connection to existing main

=+3.300

Existing CP & CL Fence 1.5m High

HV +LV can be together and enter substation in the same duct

Existing tarmac road

2955

Remove existing kerb

Retain existing kerb

LC

Existing retained trees to be protected during construction period

*All the ducts to be located within approx 700mm gap between the building and existing tarmac footpath

Proposed LV/HV substation IN ABEYANCE

DETAILS TO BE PROVIDED BY WARD COLE

wind turbine connection electrical panel location

BT pop up 100mm duct enters slab on 900mm radious bend

SWMH CL=3.29 IL=2.24

LC

BT

K

Tarmac

K

University bin storage with 100x100 timber posts with Horizontal timber boarding to match external elevations

12no Poplar Trees to be removed

450 Dia Pipe

225 Dia Pipe

225 Dia Pipe

G=3.15

LC

Tarmac

Channel

G=3.11

K

G=3.1

Concrete speed ramp details TBC

Prop BT connection

existing Tarmac path

existing Tarmac path

FWMH CL=3.27 IL=1.48

Centre line of Poplar Trees @ approx 5m centres

G=3.11

50mm pln kerb

Prop drop kerb, tactile paving

Existing lamp post to be relocated

new location for existing lamp post

LC

LC

Existing drop kerb

Existing tarmac footpath

MT

Car park 26 spaces

Centre line of Beech Hedge

Existing tarmac road to Anglian Water PS, access to be maintained throughout duration of project

3 disabled spaces

Various Trees & Bushes

MP & Railing 2.5m High

Drop kerb

Prop drop kerb

Existing CP & CL fence 1.8m high

wind turbine connection route

Grassed area

Pumping station

Existing CP & CL fence 1.8m high

Various Trees & Bushes

MP & Railing 2.5m High

=+3.300

Proposed wind turbine position SWWP Skystream 3.7 Small Wind Turbine mounted on 24m free standing tower rotor diameter = 3.7m tower and blades colour TBC

=+3.200

concrete foundation by WardCole

MP & Railing 2.5m High

Prop HV connection LOCATION INDICATIVE ONLY

NOTES

CONTRACTOR TO CHECK ALL D
DO NOT SCALE

Tarmac access r building

'Grasscre either GC spec. refe documents access roa

Car park ar 'Grasscrete lower spec. car parks, e disabled par

Concrete, spe confirmed in c car park area walkways

Grassed area

Paving for pedes only Concrete gre 450x450x50 to B

300mm deep grav margin around Eas elevation of the bui as shown

bin storage

Hoop barriers positio 200mm from buildin perimeter 9 No.

Bollards

Litter bins

Drop kerb and tactile pa

Proposed position of ne kerbs

Location of proposed drainage MH's refer to W cole drawing 10/3105/01 for drainage Information t be aamended inline with value engineering

Proposed cabling chambe free issuing ducting by BT

BT — Proposed BT ducts free issue by BT

Existing BT ducts

HV — Proposed HV cable

Existing HV cable

GAS — Proposed GAS main

CWM — Proposed Cold water main

LV — Proposed LV cable

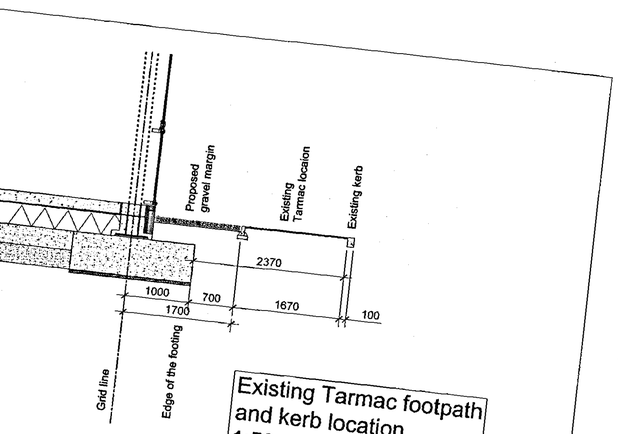
Exact location of existing services to be confirmed on sit

Site boundary

1.8m high Close Board Fencing 25x100mm Softwood straight edged boards set on 38x87 rectangular rails on 100x100 timber posts at 2.4m c/c max., with 38x25 timber capping rail. Posts set within 300mm square holes, minimum 600mm deep, filled with concrete

Levels for Concrete Bases

- Gas Housing = 3.350
- HV Housing = 3.350
- Lettable Unit Bin Storage = 3.300
- LV Housing = 3.400
- University Bin Storage = 3.400



Existing Tarmac footpath and kerb location
1:50

Rev	Description	Date	Drwn
L	Wind turbine added	07.04.08	KS
K	Gas Housing & H.V Substation swapped. Concrete base levels added	17.03.08	JAR
J	Ducts locations, bins enclosures confirmed, dims added	20.12.07	KS
I	Existing Tarmac footpath and kerb location clarified. LV substation relocated according to Bellmarsh design HV connection relocated, HV cable to run behind the building instead in the front footpath	16.10.07	KS
H	Proposed BT and Gas connection relocated, Existing tarmac footpath denoted pavers omitted) gravel margin extended to existing tarmac foot path, existing lamp post to be removed or relocated, notes added	26.09.07	JAY
G	Ground floor plan updated	01.08.07	KS
F	Typical threshold detail removed refer to dwg 1300 Parking reduced	27.06.07	LW KS
E	HV substation relocated threshold details added	14.05.07	CW
D	LV/HV subst layout amd inline with engineers comments.	30.04.07	CW
C	LV/HV subst pos. amd, CMW run amd to conc/pile with concrete walkway, paving added hvt gas meter & HV subst.	23.04.07	CW
B	75% of tarmac access rd replaced by Grassacrete system, rainwater harvesting omitted, concrete walkway added, inline with VE options. Connection to ext gas & water main added	18.04.07	CW
A	Further amendments/info added	12.04.07	CW

RECEIVED
PLANNING & DEVELOPMENT
08 MAY 2008
Ref. 0572/08

UNIVERSITY OF LINCOLN

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PROJECT. Holbeach Development Phase 2

No. 442

DWG TITLE. Proposed Infrastructure

DWG No. 4005 REV L

DRWN BY. CW CHECKED BY. CW