

TARMAC FOOTWAY CONSTRUCTION

TACTILE PAVING CONSTRUCTION

PROVIDE WOVEN LOTRACK 609 GEOTEXTILE SEPARATOR (OR EQUIVALENT) UNDER SUB-BASE AS REQUIRED.

MINIMUM CONSTRUCTION TO BE 450mm. REQUIREMENT FOR CAPPING LAYER TO BE SUBJECT TO CBR VALUES AND LCC APPROVAL.

ADOPTABLE CARRIAGEWAY CONSTRUCTION

CARRIAGEWAY TIE-IN DETAIL

TYPICAL KERB DETAIL

TYPICAL FOOTWAY EDGING DETAIL

TYPICAL BULL-NOSED KERB DETAIL

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KEY

- FULL DEPTH TARMAC FOOTWAY CONSTRUCTION.
- EXISTING VEHICULAR CROSSOVERS & TOPSOILED VERGES TO BE RECONSTRUCTED AS FOOTWAY. EXISTING CHAMBER COVERS TO BE ADJUSTED TO SUIT NEW LEVELS.
- ADOPTABLE CARRIAGEWAY CONSTRUCTION.
- HB2 — PRECAST CONCRETE HALF-BATTERED KERBING TO TIE INTO EXISTING KERBS - 110mm UPSTAND.
- DL1/DR1 — PRECAST CONCRETE DROPPER KERB - 0/110mm UPSTAND.
- BN — PRECAST CONCRETE BULLNOSED KERB - 0mm UPSTAND.
- EF — PRECAST CONCRETE FOOTWAY EDGING.
- 450 x 450mm TACTILE PAVING AT UNCONTROLLED CROSSING - BUFF IN COLOUR.
- RG — EXISTING ROAD GULLY TO BE BROKEN OUT AND REPLACED AGAINST THE NEW KERB LINE. EXISTING GULLY CONNECTION TO BE UTILISED IF PRACTICABLE.

NOTES

1. ALL FOOTWAY WORKS ARE SUBJECT TO LINCOLNSHIRE COUNTY COUNCIL APPROVAL AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEVELOPMENT ROAD SPECIFICATION 2008.
2. EXISTING KERB OFFLET CONNECTIONS TO BE CONFIRMED ON SITE.

SHDC
Planning & Development
25 JAN 2010
Ref: 0063-10

rev.	date	Description	Drawn	Chk.
A	28/08/09	Construction specifications revised to suit latest standards.	LM	DBC
_	14/08/09	Issued for Construction	LM	RH

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client: CPL Developments

project: Plots 1 - 18 Crosby Row
Sutton Bridge

drawing title: Proposed Footway Works

scale: 1:100 status: Construction

job number: 19/462 drawing number: 504 revision: A

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KEY

- BLOCK PAVED CAR PARK ACCESS ROAD CONSTRUCTION.
- BLOCK PAVED CAR PARKING SPACE CONSTRUCTION.
- CONCRETE PAVING SLAB FOOTPATH CONSTRUCTION.
- GRAVEL INFILL ADJACENT TO EXISTING PROPERTY AS PER ARCHITECT'S SPECIFICATION.
- HB2 — PRECAST CONCRETE HALF-BATTERED KERBING - 125mm UPSTAND.
- CHB — PRECAST CONCRETE CHANNEL BLOCKS.
- EF — PRECAST CONCRETE FOOTWAY EDGING.

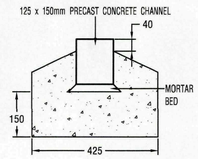
NOTES

1. FOR DETAILS OF THE FRONTAGE FOOTWAY, PLEASE REFER TO DWG. 19/462/503.
2. FOR DETAILS RELATING TO PLANTING, ACCESSES TO INDIVIDUAL PROPERTIES AND FENCING, PLEASE REFER TO DAVID HOLMAN DRAWING 0971/101.

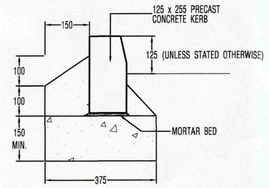
THE ON-SITE LAYOUT IS BASED ON DAVID HOLMAN DRAWING 0971/101. ALL SETTING OUT FOR THE BUILDINGS & ALL ON-SITE WORKS IS TO BE CONFIRMED BY THE ARCHITECT.

TIE-IN TO NEW KERBING AS SHOWN ON DWG. 19/462/503.

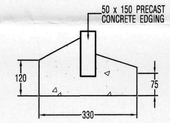
TIE-IN TO NEW KERBING AS SHOWN ON DWG. 19/462/503.



TYPICAL CHANNEL BLOCK DETAIL



TYPICAL KERB DETAIL



TYPICAL FOOTWAY EDGING DETAIL

rev.	date	Description	Drawn	Chk.
-	14/08/09	Issued for Construction	LM	RH

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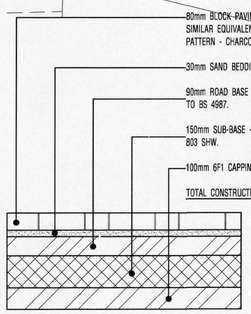
client:
CPL Developments

project:
Plots 1 - 18 Crosby Row
Sutton Bridge

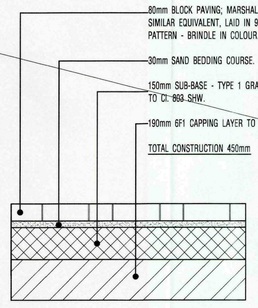
drawing title:
On-Site Construction Details

scale: 1:100
status: Construction

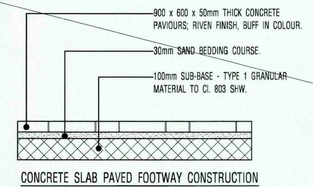
job number: 19/462
drawing number: 503
revision: -



BLOCK PAVED CAR PARK ACCESS ROAD CONSTRUCTION



BLOCK PAVED CAR PARK BAY CONSTRUCTION



CONCRETE SLAB PAVED FOOTWAY CONSTRUCTION
(PEDESTRIANS ONLY)

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KEY

- 3.61m(e) EXISTING LEVEL
- 3.61m PROPOSED LEVEL
- FFL 3.81 FINISHED FLOOR LEVEL
- 1:96 GRADIENT
- ⊠ gully GULLY

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rev.	date	Description	Drawn	Chk.
C	14/08/09	Issued for Construction.	LM	RH
B	07/08/09	Updated to suit latest Architect's layout.	LM	RH
A	07/02/08	Levels revised to suit CB Design comments.	LM	RH
–	10/01/08	First Issue	TD	RH

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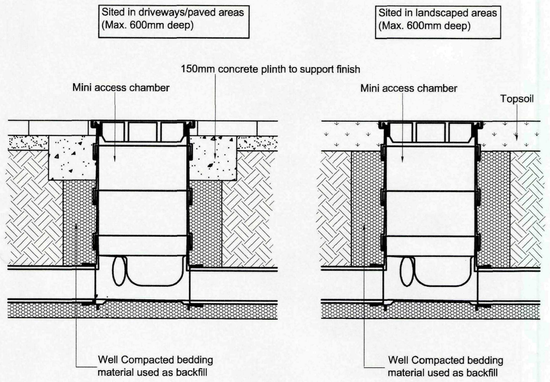
project: Plots 1 - 18 Crosby Row
Sutton Bridge

drawing title: External Levels

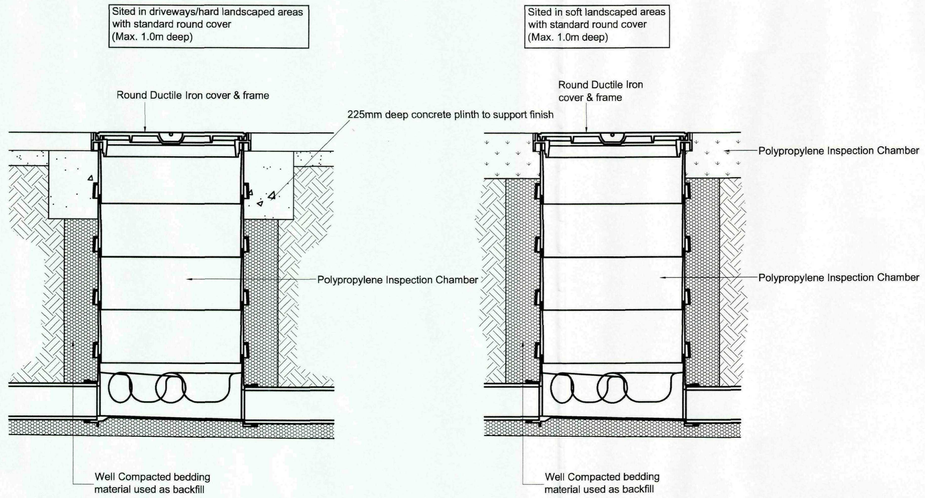
scale: 1:100 status: Construction

job number:	drawing number:	revision:
19/462	502	C

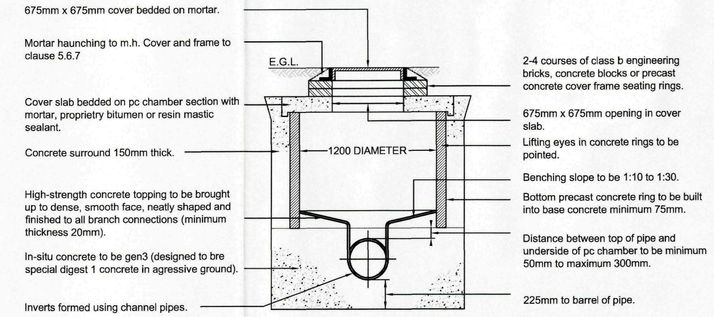
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Typical Mini Access Chamber
Scale 1:10



Typical Polypropylene Inspection Chamber
Scale 1:10



NOTES

All precast concrete sections / slab and in-situ concrete to be gen3 (designed to bre special digest 1 concrete in agressive ground.

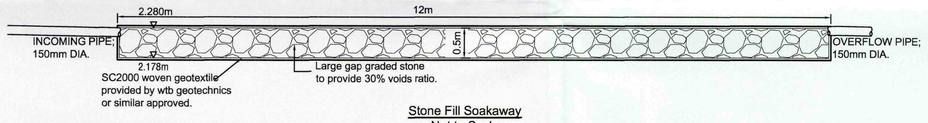
Approval of the undertaker must be given for installation of this type of manhole.

Manhole Type E - Depth To Soffit 1m to 1.5m
MAXIMUM SEWER DIAMETER 375mm.
Not to Scale

NOTE

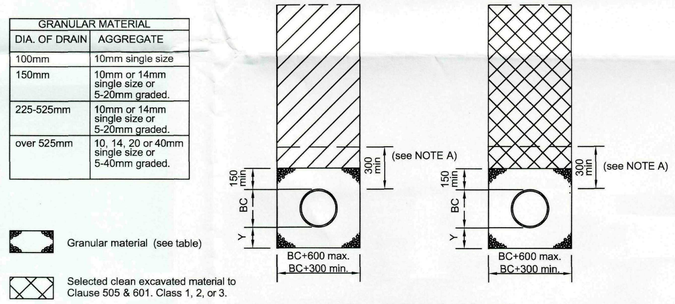
THE LAST MANHOLE BEFORE THE SOAKAWAY IS TO BE A CATCHPIT MANHOLE WITH A 300mm DEEP PIT.





Stone Fill Soakaway
Not to Scale

GRANULAR MATERIAL	
DIA. OF DRAIN	AGGREGATE
100mm	10mm single size
150mm	10mm or 14mm single size or 5-20mm graded.
225-525mm	10mm or 14mm single size or 5-20mm graded.
over 525mm	10, 14, 20 or 40mm single size or 5-40mm graded.



Granular material (see table)

Selected clean excavated material to Clause 505 & 601. Class 1, 2, or 3.

Granular Type 1 material deposited in layers not exceeding 225mm unconsolidated thickness and then fully compacted.

Grade ST4 concrete (20mm aggregate)

Drains with Flexible Bed & Surround

Type 'S'
Applicable under roads / service yards where drains have more than 1200 cover (if adopted) or more than 600 cover (if not adopted)

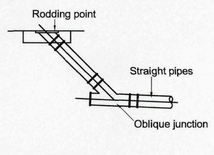
Type 'S'
Applicable under footpaths verges and other non-trafficked areas where drains have more than 900 cover (if adopted) or more than 600 cover (if not adopted) [100 dia. rigid pipe can have min. cover of 300mm].

Bedding & Trench Details
Not to Scale

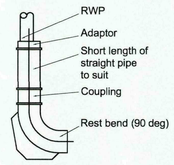
NOTE A
No mechanical compaction within 300mm of crown of pipe.

NOTE B
Where drains are laid under buildings refer to engineer for further details.

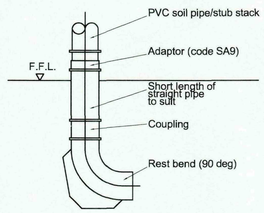
KEY
BC Outside diameter of pipe
Y BC/6 or 100mm under barrels and 50mm min. under sockets whichever is greater (400mm max.)
OR
Y BC/4 or 200mm under barrels and 150mm min. under sockets whichever is greater (400mm max.) for trenches in hard material.
Z BC/4 or 100mm under barrels whichever is greater.
— — Earthworks outline



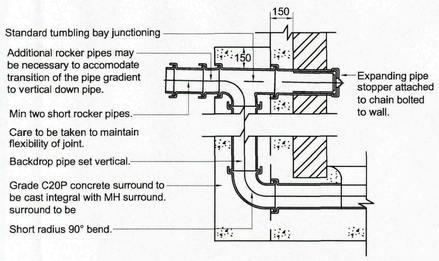
Typical Rodding Point
Scale 1:20



Typical Connection Detail
For RWP
Scale 1:20



Typical Connection Detail
For SVP / Stub Stack
Scale 1:20



Typical Vertical
Backdrop Detail
Scale 1:20

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client:
CPL Developments

project:
Plots 1 - 18 Crosby Row
Sutton Bridge

drawing title:
Drainage Details

scale:	status:	
NTS	Construction	
job number:	drawing number:	revision:
19/462	501	A

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KEY

- PROPOSED SURFACE WATER SEWER
- PROPOSED FOUL WATER SEWER

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OBSERVED LOCATION OF MH 9702
CL 3.728m
IL 2.20m (150mmø)

SW04
CL 3.70
IL 2.985

SW100ø @ 1:100

SW03
CL 3.65
IL 2.885(100)
IL 2.835(150)

FFL 3.81
UNIT 1

FW11
CL 3.65
IL 3.05

FFL 3.81
UNIT 2

FW100ø @ 1:40

SW150ø @ 1:100

FFL 3.81
UNIT 3

SW01
CL 3.65
IL 2.765(100)
IL 2.715(150)

FW09
CL 3.65
IL 2.71

FFL 3.81
UNIT 4

FFL 3.81
UNIT 5

FW10
CL 3.65
IL 3.05

FFL 3.81
UNIT 6

SWRE05
CL 3.75
IL 3.30

SWRE02
CL 3.65
IL 3.20

SW08
CL 3.65
IL 3.20

SW07
CL 3.72
IL 3.115

FW08
CL 3.72
IL 3.05

FFL 3.875
UNIT 7

FFL 3.875
UNIT 8

FFL 3.875
UNIT 9

SW09
CL 3.72
IL 3.10

SW16
CL 3.65
IL 3.20

SW06
CL 3.72
IL 2.96

FW05
CL 3.605
IL 2.737

FW06
CL 3.72
IL 2.822

FW07
CL 3.72
IL 3.05

SWRE10
CL 3.72
IL 3.20

FFL 3.875
UNIT 10

FFL 3.875
UNIT 11

FFL 3.875
UNIT 12

SW15
CL 3.65
IL 3.01

FW03
CL 3.72
IL 3.05

SWRE14
CL 3.75
IL 3.30

SOAKAWAY
CL 3.50
IL 1.75
150m² - 12.5m x 12.0m, 500mm STONE FILL - 90/40mm NOM. SIZE LARGE GAP GRADED STONE TO FORM 30% VOIDS RATIO

OUTLET 01(OVERFLOW)
IL 2.13

SW17
CL 3.36
IL 2.59

INLET 01
IL 2.13

INLET 02
IL 2.13

INLET 03
IL 2.13

SW150ø @ 1:22

FW150ø @ 1:80

FW04
CL 3.50
IL 2.46

SW100ø @ 1:14

FW100ø @ 1:35

SW100ø @ 1:29

SW100ø @ 1:22

SW100ø @ 1:21

FW100ø @ 1:40

SW100ø @ 1:100

SW100ø @ 1:17

OBSERVED LOCATION OF MH 9706
CL 3.895m
IL 2.11m (150mmø)

100mm DIA.

FW01 TO BE CONSTRUCTED ON EXISTING PIPE RUN.

EXISTING 150mm DIA.

FW01
CL 3.50
IL 2.065

SW150ø OVERFLOW @ 1:20

SW12
CL 3.72
IL 2.825

SW13
CL 3.72
IL 2.925(150)
IL 2.975(100)

SW11
CL 3.72
IL 2.715(150)
IL 2.765(100)

SW150ø @ 1:32

SW150ø @ 1:80

SW150ø @ 1:19

FW02
CL 3.72
IL 2.24

FFL 3.875
UNIT 18

FFL 3.875
UNIT 17

FFL 3.875
UNIT 16

FFL 3.875
UNIT 15

FFL 3.875
UNIT 14

FFL 3.875
UNIT 13

SW150ø @ 1:26

SW100ø @ 1:100

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D	14/08/09	Issued for Construction.	LM	RH
C	07/08/09	Updated to suit latest Architect's layout.	LM	RH
B	08/07/09	Position of MH 9702 revised following site visit.	LM	RH
A	17/06/09	Position of MH 9706 revised following site visit.	LM	RH
–	10/01/08	First Issue	TD	RH

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Proposed Drainage Layout

scale:	status:	
1:100	Construction	
job number:	drawing number:	revision:
19/462	500	D

ABBREV	SPEC	FORM	HEIGHT_CM	GIRTH_CM	ROOT CONDITION	NO OF TRANSPLANTS
MalEve	MALUS EVERESTE	EHS	400	16_18	ROOT BALL	3X
MalPro	MALUS PROFUSION	EHS	400	16_18	ROOT BALL	3X
PyrCalC	PYRUS CALLERYNA 'CHANTICLEER'	EHS	400	16_18	ROOT BALL	3X

TREES

EXACT LINE OF PROPOSED FENCE TO BE AGREED WITH OWNERS OF 28 GRANVILLE TERRACE PRIOR TO COMMENCEMENT OF WORK.

EXISTING LEYLANDI HEDGEROW REMOVED AND REPLACED WITH 1.8M HIGH CLOSE-BOARDED FENCE WITH CONCRETE POSTS AND GRAVEL BOARDS.

LOW BOUNDARY WALL REMOVED. 1.80M HIGH CLOSE BOARDED FENCE TO BE EXTENDED ALONG ORIGINAL WALL LINE

No 26

GRANVILLE TERRACE

CROSBY ROW

YOUNGS ROW

existing 1.80m high TP/HP fence

existing 2·20 high TP/CB fence

existing wall

gravel adjacent to existing building

18no BraSun

30 no CorSanFM

8no BerThuAN

8no BerThuAN

8no BraSun

6 noCorSanFM

6noHebRak

6noBraSun

1no PyrCalC

1no MalPro

20no LavAngH

23 no BraSun

16no HebRak

24no CorSanFM

20no CorSanFM

1no MalEve

32no BerThuAN

28 noHebRak

1no PyrCalC

30noBraSun

3 no PyrOG

17no CorSanFM

15no LavAngH

SITE DIM

1.8cb

1.2cb

4MWL

FFWL

CS

KBB

KBC

pck

G

W

SHRUBS

QTY	ABBR	SPECIES	HEIGHT CM	POT SIZE LITRES	HABIT	MIN NO OF BREAKS	DENSITY NO/M2
48	BerThuAN	BERBERIS THUNBERGII ALTROPURRURE A NANA	20 — 30	3L	BRANCHED	3	4
84	BraSun	BRACHYGLOTIS SUNSHINE	30 — 40	3L	BRANCHED	4	4
50	HebRak	HEBE RAKAIENSIS	20 — 30	3L	BUSHY	5	5
117	CorSanMF	CORNUS SANGUINE MIDWINTER FIRE	40 — 60	3L	BRANCHED	4	4
35	LavAngH	LAVANDULA ANGUSTIFOLIA HIDCOTE	20 — 30	3L	BUSHY	5	5

CLIMBERS/WALL SHRUBS

QTY	ABBR	SPECIES	HEIGHT CM	POT SIZE LITRES	HABIT	MIN NO OF BREAKS	PLANTING DISTANCE
6	PyrOG	PYRACANTHA 'ORANGEGLOW	60 — 80	3L	LEADERS/ LATERALS	3	ON SPOT

LANDSCAPE AND EXTERNAL WORKS PLAN

1 : 100 SCALE

NOTE - WHERE NO FOOTPATH EXISTS - NEW 1800 MM FRONTAGE FOOTPATH TO BE PROVIDED TOGETHER WITH ALL ASSOCIATED KERBING AND DRAINAGE WORKS. REFER TO WARD/COLE CONSULTING ENGINEERS DETAILS AND DRAWINGS

SHDC Planning & Development 25 JAN 2010 Ref: 0663-10

EXTERNAL LIGHTING

MOTION ACTIVATED PIR DUSK TO DAWN WALL MOUNTED LIGHT FITTING WITH LAMPS WITH AN EFFICACY NO GREATER THAN 40 LUMENS PER CIRCUIT WATT.

DUSK TO DAWN CANOPY SOFFIT LIGHT FITTING { FRONT ENTRANCE DOORS } WITH MANUAL OVERIDE WITH LAMPS WITH AN EFFICACY NO GREATER THAN 40 LUMENS PER CIRCUIT WATT

DUSK TO DAWN FLOODLIGHT TO ILLUMINATE CAR PARKING AREAS MOUNTED AT HIGH LEVEL.

CODE 3 ASSESSMENT INFORMATION

CS — CYCLE STORAGE SHED. 2.40 x 1.80M FOR 2 CYCLES (Ene8)

4MWL — WASHING LINE 4M LENGTH. (Ene4)

FFWL — FOLDING FRAME WASHING LINE. 27M DRYING SPACE (Ene4)

W — CONTAINER FOR WASTE STORAGE. SEPARATE CONTAINERS FOR RECYCLABLE AND NON-RECYCLABLE WASTE. (Was1)

PROPOSED TREE

SPECIMEN SHRUB REFER TO SCHEDULE

SHRUB PLANTING REFER TO SCHEDULE

GRASS TURF AREAS REFER TO MAINTENANCE PROPOSALS

pck. — PERIMETER KERBING TO ACCESS ROAD AND CAR PARKING AREAS — 250MM X 125MM BULLNOSED / SPLAYED PRECAST CONCRETE

KBC — ACCESS ROAD/CIRCULATION AREAS AND CAR PARKING SPACES NOS 26 AND 27 MARSHALLS KEYBLOCK - 200 X 100 X 80MM BLOCK PAVERS LAID IN 90° HERRINGBONE PATTERN — COLOUR CHARCOAL

KBB — CAR PARKING BAYS NOS 1 - 25 INCLUSIVE MARSHALLS KEYBLOCK - 200 X 100 X 80MM BLOCK PAVERS LAID IN 90° HERRINGBONE PATTERN — COLOUR BRINDLE

PAVING PROVIDING ACCESS PATHWAYS TO FRONT ENTRANCE DOORWAYS UNITS 1 - 12 INCLUSIVE AND INFILL STRIP (INCLUDING ENTRANCES TO UNITS 13 - 18 INCLUSIVE MARSHALLS KEYBLOCK 200 X 100 X 60MM BLOCK PAVERS LAID IN BRICK BOND. COLOUR BRINDLE

INDICATES 150 MM WIDE GRAVEL STRIP ADJACENT TO BUILDINGS

INDICATES FOOTPATHS PROVIDING ACCESS FROM CAR PARKING AREAS AND TO REAR ENTRANCES OF ALL UNITS — 900 X 600 PRECAST CONCRETE PAVING SLABS WITH RIVEN FINISH COLOUR - BUFF

1.8cb / 1.2cb — INDICATES 1800 MM OR 1200 HIGH CLOSE BOARDED BOUNDARY/PERIMETER FENCING PRESSURE TREATED WITH PRESERVATIVE FENCES ERECTED WITH CONC POSTS / GRAVEL BOARDS 1200 HIGH FENCES TOPPED WITH 600 HIGH TRELLIS

G — INDICATES 1800 X 900 MM HIGH CLOSE BOARDED GATE PRESSURE TREATED WITH PRESERVATIVE PRECAST CONCRETE GATE POSTS

Amendment D Revisions to Southern boundary 07/01/2010
Amendment C. Revisions to landscaping spec.
Lighting added. 02/12/09
Amendment B Ext car park lighting omitted.
CHS Assesssment information 11/10/09
Amendment A External lighting added 03/08/2009

David Holman MCIAT

ARCHITECTURE - PLANNING - PROJECT MANAGEMENT

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SCALE: 1 : 100

PROJECT: PROPOSED HOUSING DEVELOPMENT CROSBY ROW SUTTON BRIDGE

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