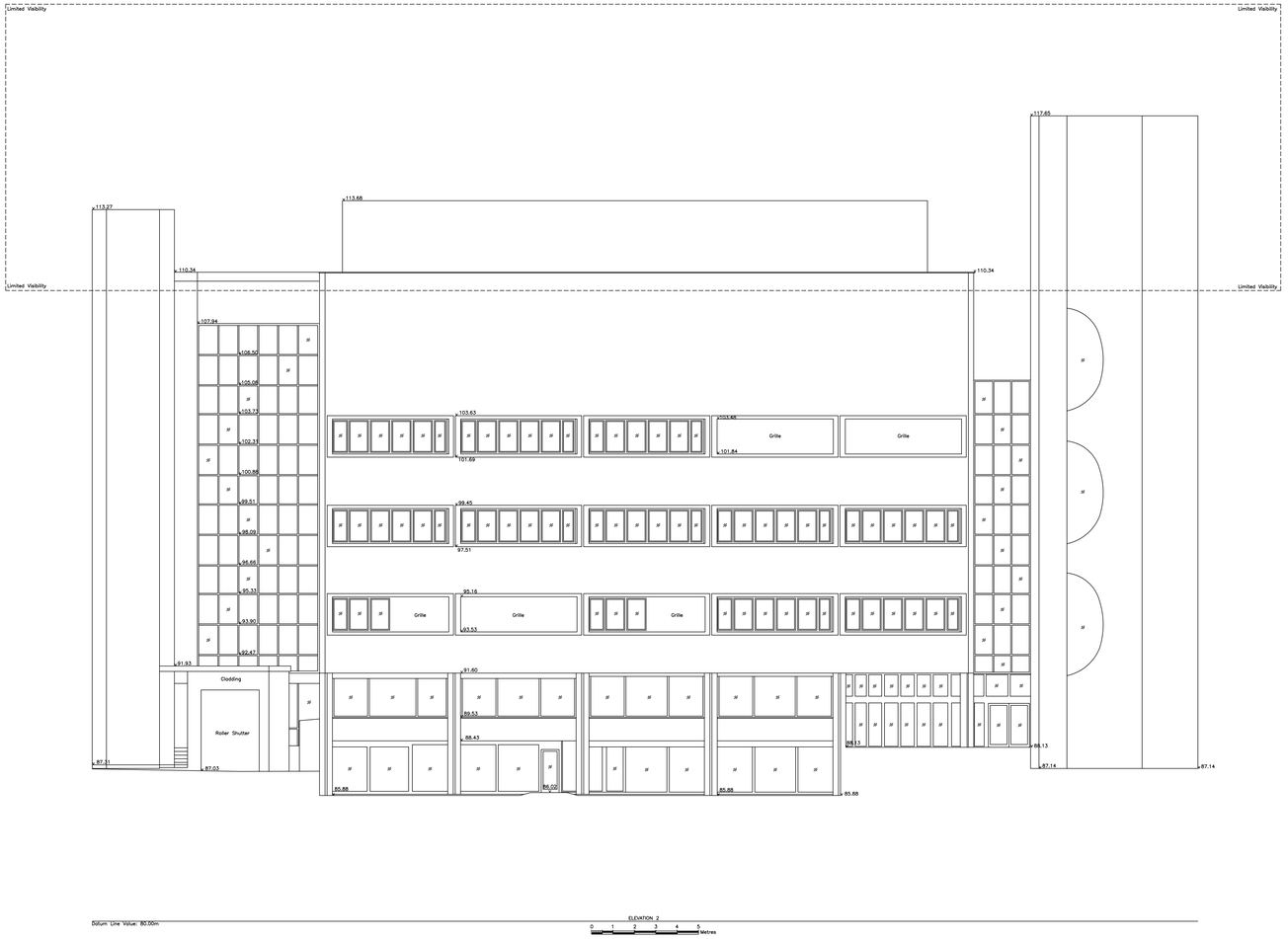

LASER SURVEYS

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DATUM NOTES

GRID ORIGIN IS BASED UPON SURVEY STATION 3 FIXED TO THE ORDNANCE SURVEY NATIONAL GRID BY LEICA SMARTNET GPS NETWORK. A SCALE FACTOR OF 1 APPLIES TO THIS DRAWING.

ie. MEASURED DISTANCES ON THE GROUND WITHOUT GPS WILL BE THE SAME AS THOSE MEASURED ON THIS DRAWING

LEVELS ARE RELATED TO :–
ORDNANCE SURVEY GPS ACTIVE NETWORK AND TRANSFORMED USING THE OSGM15 & OSTN15 MODEL

SITE BENCH MARK ESTABLISHED IS LOCATED AT :–
STATION 3

VALUE GIVEN AS 87.162m (GPS DATUM)

SURVEY CONTROL STATIONS SHOWN

ABBREVIATIONS (where applicable)

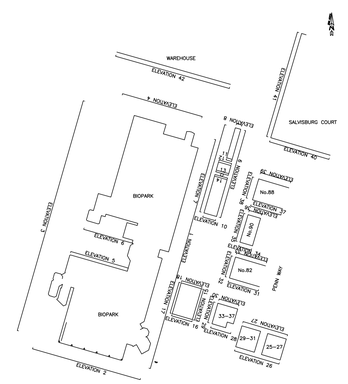
AV	Air Valve	MH	Manhole Cover
BK	Brick	MK	Marker
BL	Bollard	MS	Milestone
BS	Bus Stop	MT	Meter
BT	British Telecom	MY	Mercury
CB	Control Box	OH	Overhead
C/B	Close Boarded	PAV	Paving
CL	Cover Level	PB	Post Box
CLK	Chainlink	PE	Pipe
CO	Column	PM	Parking Meter
Conc	Concrete	P/R	Post and Rail
CP	Catch Pit	PT	Post
CPS	Concrete Paving Slabs	P/W	Post and Wire
CATV	Cable Television	RE	Rodding Eye
DC	Drainage Channel	RET	Retaining
DP	Drain Pipe	RS	Road Sign
EC	Electricity Cover	RSJ	Rolled Steel Joist
ER	Earthing Rod	SC	Stop Cock
FB	Flower Bed	SK	Soakaway
FE	Fence	SP	Signpost
FH	Fire Hydrant	ST	Silt Trap
FL	Floor Level	SV	Stop Valve
FP	Flag Pole	SVC	Security Video Camera
GP	Gate Post	TCB	Telephone Call Box
GV	Gas Valve	TK	Tank
GY,G	Gully	TL	Traffic Light
HT	Height	TP	Telegraph Pole
IC	Inspection Cover	UG	Underground
IL	Invert Level	UTF	Unable To Trace Further
IN	Interceptor	UTL	Unable To Lift
I/R	Iron Railings	VP	Vent Pipe
KD	Kerb Outlet	WL	Water Level
LB	Litter Bin	WM	Water Meter
LP	Lamp Post	WO	Wash Out

B	Floor to Beam Height in cms
C	Floor to Ceiling Height in cms
Cr.	Floor to Crown Height in cms
D	Floor to Door Head Height in cms
FC	Floor to False Ceiling Height in cms
FF	False Floor Level
H	Floor to Head Height in cms
S	Floor to Sill Height in cms
Spr.	Floor to Springer Height in cms

NOTES

- Drainage pipe sizes (where shown) have been gauged from the surface for safety reasons and should be regarded as approximate only.
- Tree species (where shown) should be treated with caution and expert identification is advised.
- Although this is a digital survey the accuracy and amount of detail shown is only commensurate with the graphical scale of mapping as specified. Care should be exercised when working to larger scales.
- Visible features in the vicinity of the boundaries as shown above, may not represent the extent of legally conveyed ownership.
- Whilst every effort has been made to achieve accuracy on this plan, CRUCIAL clearance dimensions, levels and invert levels should be checked prior to design and construction.
- Kerb levels have been taken in the bottom of the channel.
- Areas of dense undergrowth cannot be surveyed in detail, these areas will be shown in outline only and marked as 'dense undergrowth' on the plan.

SHEET LAYOUT
NOT TO SCALE



BIOPARK
BROADWATER ROAD
WELWYN GARDEN CITY
AL7 3TT

EXISTING ELEVATIONS

SURVEYED FOR	WELWYN PARK HOMES LIMITED 4 HUNTING GATE HITCHIN SG4 0TJ
SURVEYOR	E.F . J.S
DATE	OCTOBER 2020

NO	DATE	REVISION

DRAWING NO	L 9989/1–3 REV 0
SCALE	1 : 100 @A0
SEE ALSO DWG NOS	L
SHEET	3 of 10
REF NO	L 9989