



SYMBOLS

- FENCE
- GATE
- SURVEY STATION (WITH LEVEL)
- GROUND LEVEL

ABBREVIATIONS

- C.Ht CEILING HEIGHT
- FL FLOOR LEVEL
- ThL THRESHOLD LEVEL

NOTES

1. This survey has been presented at the survey scale indicated below with its accuracy commensurate with that scale.
2. Do not scale off critical dimensions - Check on site. Door and window openings in particular are not necessarily indicative of the structural opening due to architraves etc.
3. All heights and levels in metres (u.o.n.)

0 5 10m
SCALE 1:100

CONTROL STATIONS

REF	EASTING	NORTHING	LEVEL	TYPE
0A1	332100.616	398974.248	10.683	PK-NAIL
0A2	332168.488	398995.500	11.640	PK-NAIL
0A3	332059.474	399028.640	10.725	PK-NAIL
0A4	332167.742	399061.325	12.443	PK-NAIL
0A5	332133.137	399037.099	11.631	PK-NAIL
0A6	332178.349	399085.381	12.997	PK-NAIL
0A7	332113.121	399041.434	11.723	PK-NAIL

SURVEY GRID
 ORDNANCE SURVEY OSGB36 NATIONAL GRID AT STATION 0A1.
 GPS OBSERVATIONS ON ETR89 TRANSFORMED USING OSTM02.
 SURVEY THEN TRANSFORMED TO A SCALE FACTOR OF 1.000000 FROM STATION 0A1

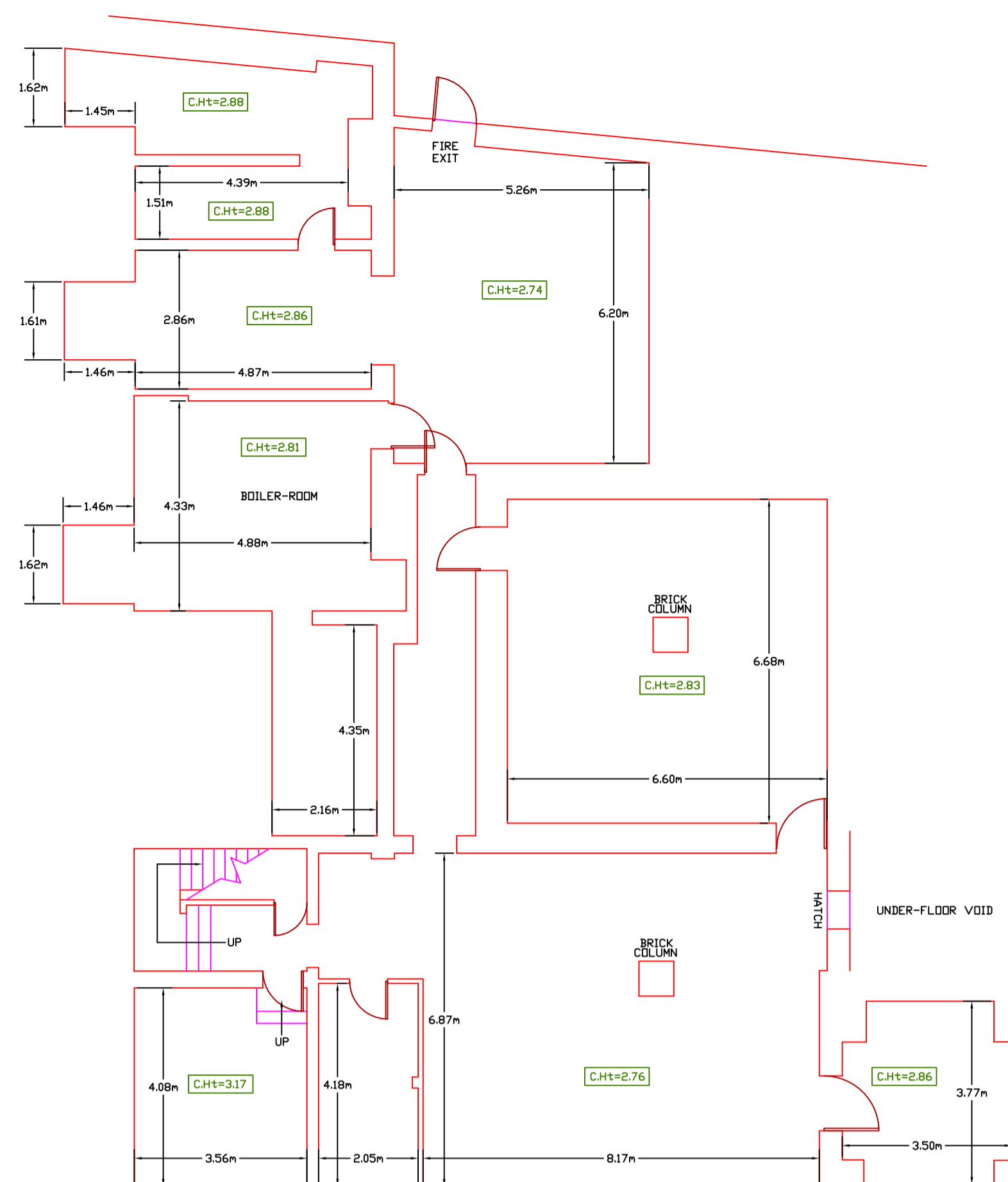
LEVEL DATUM
 ORDNANCE SURVEY DATUM NEWLYN (ODN) BY GPS OBSERVATIONS AT STATION 0A1
 TRANSFORMED FROM ETRS89 USING OSGM02 GEOID

REV	DESCRIPTION	CHECKED	BY	DATE
01	BASEMENT ADDED	MPW	SMc	02/08/15
0	HALL ADDED	MPW	SMc	01/07/15
P	PROVISIONAL ISSUE	MPW	SMc	19/06/15
REV	DESCRIPTION	CHECKED	BY	DATE
DRAWN	MPW	CHECKED	SMc	DATE 2 AUG. 2015

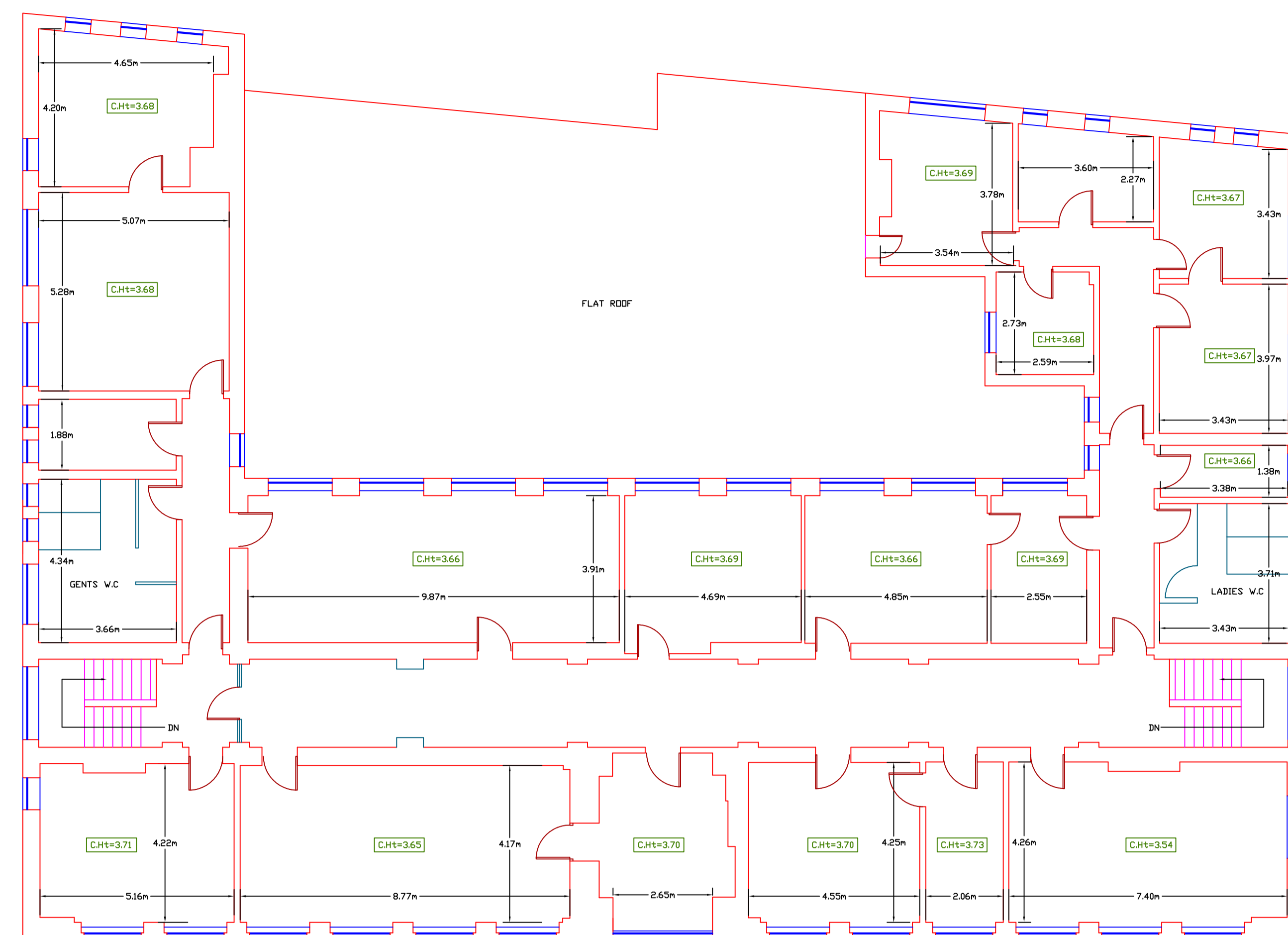
[...removed for confidentiality...]
EXISTING BUILDING PLANS
BOYS SENIOR & JUNIOR SCHOOLS
SHEET 01 ~ MAIN SCHOOL BUILDING
GROUND FLOOR & BASEMENT

SURVEYED BY
GEOSPATIAL ENGINEERING SERVICES LTD
 27 PROSPECT VALE
 LIVERPOOL
 L6 8PE
 TEL 0151-280-2021
 EMAIL: mail@GESuk.net

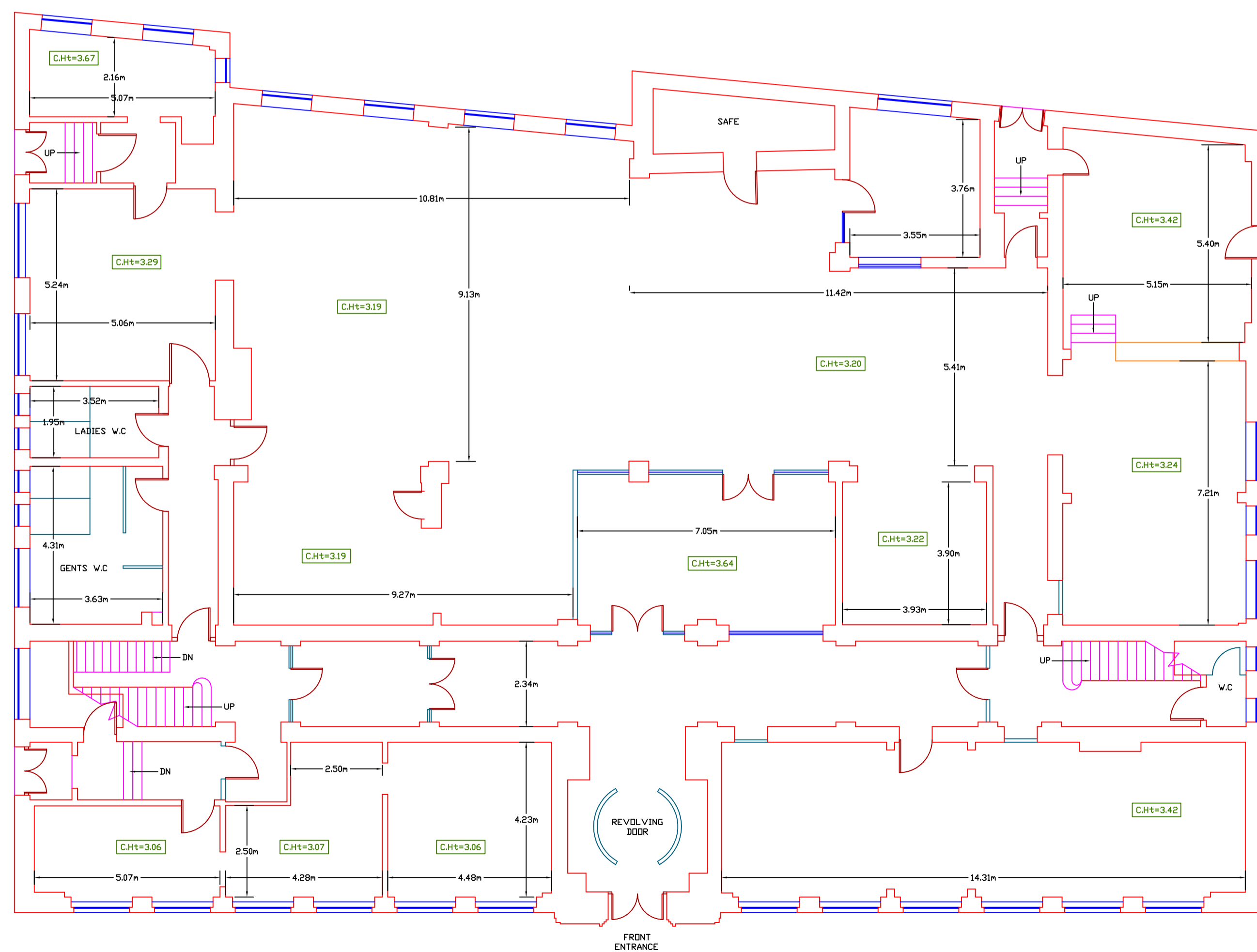
CAD FILE 00355A.DWG SCALE 1:100 SHT. SIZE A1
 DRAWING No 00355A - 01 REVISION 01



BASEMENT



FIRST FLOOR



GROUND FLOOR



NOTES

DO NOT SCALE - ALL DIMENSIONS TO BE CHECKED ON SITE.
(STRUCTURAL OPENINGS IN PARTICULAR CANNOT BE DETERMINED ACCURATELY UNTIL ARCHITRAVES ETC. HAVE BEEN STRIPPED)

ABBREVIATIONS

C.Ht CEILING HEIGHT

1	BASEMENT ADDED & ADDITIONAL GROUND FLOOR C.Hts	MPW	SMC	07/03/14
0	ORIGINAL ISSUE	MPW	SMC	06/03/14
REV.	DESCRIPTION	BY	CHK	DATE
DRAWN	MPW	CHECKED	SMC	DATE 07 MARCH 14

TITLE
**MEASURED BUILDING SURVEY AT
 90 WATERY LANE, PRESTON
 FLOOR PLANS**

CLIENT
 [...removed for confidentiality...]

SURVEYED BY
**GEOSPATIAL
 ENGINEERING
 SERVICES LTD**  27 PROSPECT VALE
 LIVERPOOL
 L6 8PE
 TEL 0151-280-2021
 EMAIL : mail@GESuk.net

CAD FILE	00314_1.DWG	SCALE	1 : 100	SHT. SIZE	A1
DRAWING No	00314			REVISION	<input type="checkbox"/>



WEST ELEVATION



SOUTH ELEVATION (FRONT)

- NOTES**
1. This survey has been presented at the survey scale indicated below with its accuracy commensurate with that scale.
 2. Do not scale off critical dimensions - Check on site. Door and window openings in particular are not necessarily indicative of the structural opening due to architraves etc.
 3. All heights and levels in metres (u.o.n.)
 4. For Overall Site Topographical Plan - refer to GES Drawing 00355A-18
 5. For Building Plans - refer to GES Drawings: 00355A-01 & -02

LEVEL DATUM			
ORONANCE SURVEY DATUM NEWLYN (ODN) BY GPS OBSERVATIONS AT STATION 0A1			
TRANSFORMED FROM ETRS89 USING OSGM02 GEIOD			
0	ORIGINAL ISSUE	MPW	LW 05/11/15
REV	DESCRIPTION	BY	CHK DATE
DRAWN	MPW	CHECKED	LW DATE 05 NOV 2015
TITLE			
BOYS SENIOR & JUNIOR SCHOOLS			
MAIN SCHOOL BUILDING			
EXISTING ELEVATIONS ~ SHEET 1 OF 2			
CLIENT			
[...removed for confidentiality...]			
SURVEYED BY		27 PROSPECT VALE	
GEOSPATIAL ENGINEERING SERVICES LTD		LWERSPOOK	
		L6 BPE	
		TEL 0151-280-2021	
		EMAIL: mail@gesuk.net	
CAD FILE	00355A-ELEVATIONS.DWG	SCALE	1 : 100
DRAWING No	00355A-19	SHEET	A0
		REVISION	O



SYMBOLS

- TREE (S-AVERAGE CANOPY SPREAD (RADIUS) (H-APPROX. HEIGHT))
- BENCHMARK
- STATION MARK (WITH LEVEL)
- BUILDING LINE (AT GROUND)
- FENCELINE
- GATE
- HEDGE
- LIMIT OF TREE CANOPY / BUSHES / SHRUBS
- CB CLOSE BOARD
- CL CHAIN LINK
- CM CONC MANG
- UR RAILINGS DR/PALLISADE
- PC POST & CHAIN
- PR POST & RAIL
- PPV POST & WIRE
- PAL PALINGS

ABBREVIATIONS

ACD "ACID" DRAINAGE CHANNEL	MH MANHOLE
B.PAV BLOCK PAVING	NP NAME-PLATE
BEL BED-LEVEL	NTL NTL COMMS. IC
BEL BUILDING EAVES LEVEL	DHE OVERHEAD ELECTRIC CABLES
BN BELLWELL	DTE OVERHEAD TELECOM CABLES
BT BUTTELED IC	DP OUTLET OF DUTYALL PIPE
C.PAV CONCRETE PAVING (FLAGGED)	CSM ORDNANCE SURVEY BENCH-MARK
CB CONTROL BOX	P POST
CHN CHANNELED GUTTER-DRAIN	PV PIPE (VERTICAL)
CH CEILING HEIGHT	PF PIEDMETER (WITH GROUND-LEVEL)
CL COVER	RE ROSSING-EYE
COBS STONE COBBLES	RS ROAD-SIGN
CONC CONCRETE	RWP RAINWATER PIPE
CTV CABLE TV POINT/IC	S.PAV STONE PAVING
EIC ELECTRIC IC	Sap SAPLING
EP ELECTRIC-POLE	SB STONE-BOARD
ER EARTH-RD	SETTS STONE SETTS
FH FIRE HYDRANT	ST SET
FL FLOOR LIGHT	STP STP-PIPE
FL FLOOR LEVEL	SV STP-VALVE
FP FLAGPOLE	TAC TACTILE PAVING
G GULLY	TAR TARMAC
GL GROUND-LEVEL	TBC TO BE CONFIRMED (ON-SITE)
H HEIGHT (IN METRES)	TBM TEMPORARY BENCH-MARK
HD HEAD	TEL TELECOM BOX UTILITY RECORDS
HSL MANHOLE / SAFETY-RAIL	TFR TAKEN FROM RECORDS
IL INVERT LEVEL	TL TRAFFIC LIGHT
IC INSPECTION CHAMBER	TP TELECOM POLE
IP DUCT PIPE	UTL UNABLE TO LIFT
IS INFORMATION SIGN	UV UNDERGROUND (OFF-IT)
KD KEEP-OUTLET	VP VENT-PIPE
LB LETTER BOX	WL WATER LEVEL
LP LAMP-POST	WP WATER POST
	VV WATER VALVE

UNDERGROUND UTILITIES LEGEND & NOTES

UE ELECTRIC	SW SURFACE-WATER SEWER
FV FOU-WATER SEWER	UT TELECOM/CATV
UG GAS PIPE	U UNKNOWN
	LW WATER

(ARY) - ASSUMED ROUTE (UTT)
 EDT - END OF TRACE
 UTL - UNABLE TO LIFT

D - DEPTH (m)
 TFR - TAKEN FROM RECORDS
 UTT - UNABLE TO TRACE

- All underground services shown have been identified from above ground without excavation using electro-magnetic and/or ground penetrating radar (GPR) methods. Results using these methods are not infallible and we recommend that excavations are carried out to confirm any identifications, positions and depths of any services that could be affected by subsequent works.
- Any areas on the drawing where services or features have not been shown are not necessarily clear of services or features but are an indication that no items have been identified during our investigations. All reasonable care and normal good practice shall be employed during design and construction processes.
- We have used all reasonable care to research available service records, but the completeness or use of the service records supplied to us by us cannot be guaranteed. Therefore we cannot guarantee the accuracy of features annotated as 'taken from records' (TFR).
- Depths obtained using electro-magnetic or GPR are affected by ground conditions and should be treated as indicative only. Electro-magnetic depths to utilities and services are generally taken to the centre of a feature. GPR depths to the top of a feature and drainage depth shown to inverts, unless otherwise indicated.
- Drainage pipe sizes have been obtained without entering the chambers and therefore should be treated as approximate. Pipe dimensions which have not been obtained visually will be taken from records where available.
- All services, drainage and utilities routes are assumed straight between access points, unless otherwise stated. The number of cables in runs will not be shown unless specifically requested. All services are below ground unless indicated as 'OH' (overhead).

- ### NOTES
- This survey has been presented at the survey scale indicated below with its accuracy commensurate with that scale.
 - Do not scale off critical dimensions - Check on site. Door and window openings in particular are not necessarily indicative of the structural opening due to architraves etc.
 - All heights and levels in metres (u.o.n.)

CONTROL STATIONS

REF	EASTING	NORTHING	LEVEL	TYPE
G1	460637.929	219603.934	67.470	NAIL
G2	460718.982	219611.565	65.551	NAIL
G3	460713.478	219592.413	65.275	NAIL
G4	460709.211	219571.613	64.771	NAIL
G5	460710.658	219538.091	63.861	NAIL
G6	460665.171	219536.279	64.364	NAIL

SURVEY GRID

ORDNANCE SURVEY OSGB36 NATIONAL GRID AT STATION G1
 GPS OBSERVATIONS ON ETR589 TRANSFORMED USING OSTN02
 SURVEY THEN TRANSFORMED TO A SCALE FACTOR OF 1.000000 FROM STATION G1

LEVEL DATUM

ORDNANCE SURVEY DATUM NEWLIN (ODN) BY GPS OBSERVATIONS AT STATION G1
 TRANSFORMED FROM ETR589 USING OS02M2 GEIOD

REV	DESCRIPTION	BY	CHK	DATE	
0	UNDERGROUND UTILITIES SURVEY RESULTS ADDED		AEB	MPW	22/08/17
-	TOPOGRAPHICAL ONLY		MPW	LW	08/08/17

DRAWN: MPW
 CHECKED: LW
 DATE: 08 AUG. 2017

TITLE

TOPOGRAPHICAL & UTILITIES SURVEYS AT
 SAMPLE DRAWING
 A PRIMARY SCHOOL

CLIENT			
SURVEYED BY		27 PROSPECT VALE LINDSFOOT L6 BPE	
GEO SPATIAL ENGINEERING SERVICES LTD		TEL 0151-280-2021 EMAIL: mail@GESUK.net	
CAD FILE	00551-1	SCALE	1 : 200
DRAWING No	00551-1	SHEET	A0
		REVISION	0

