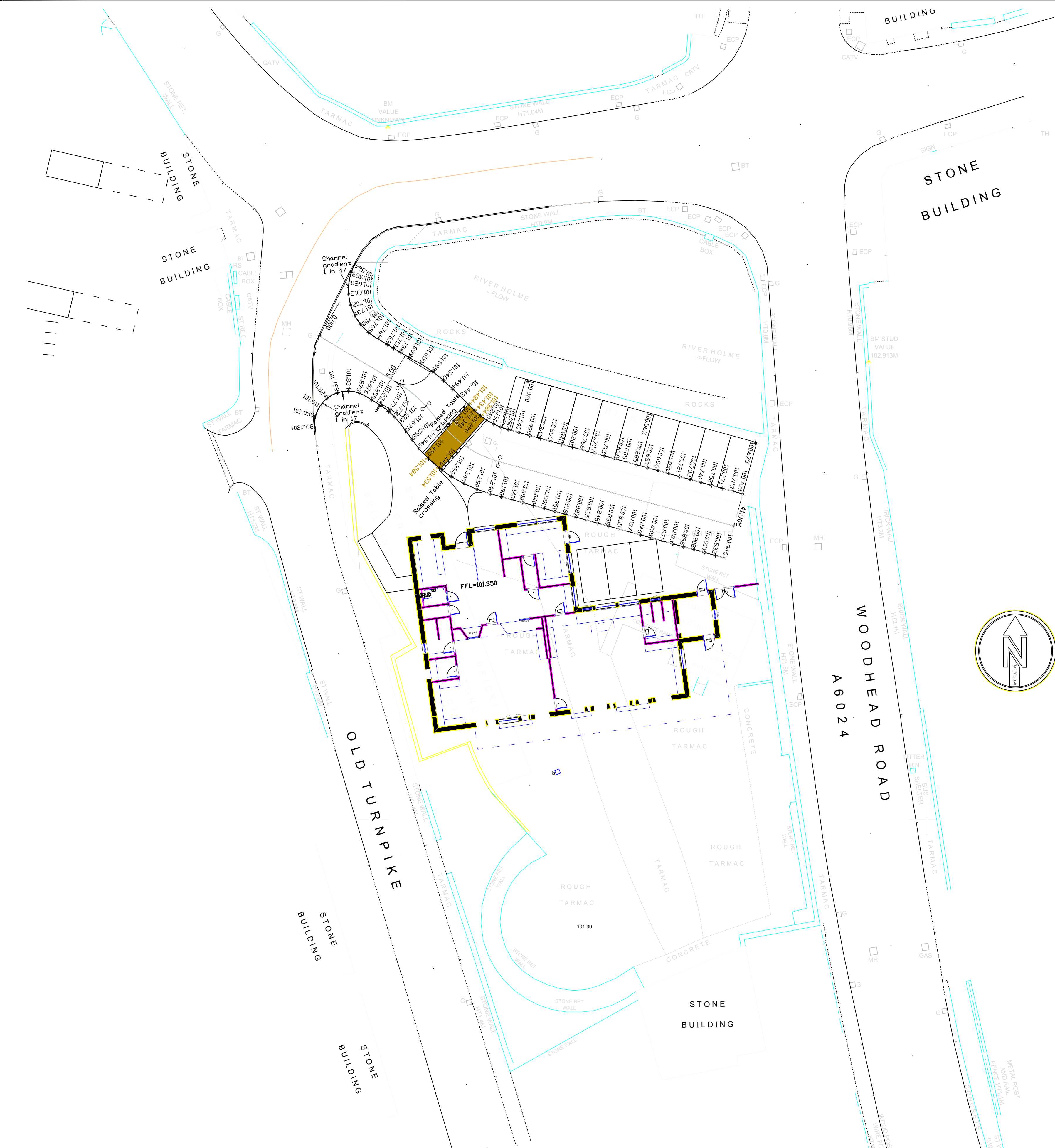


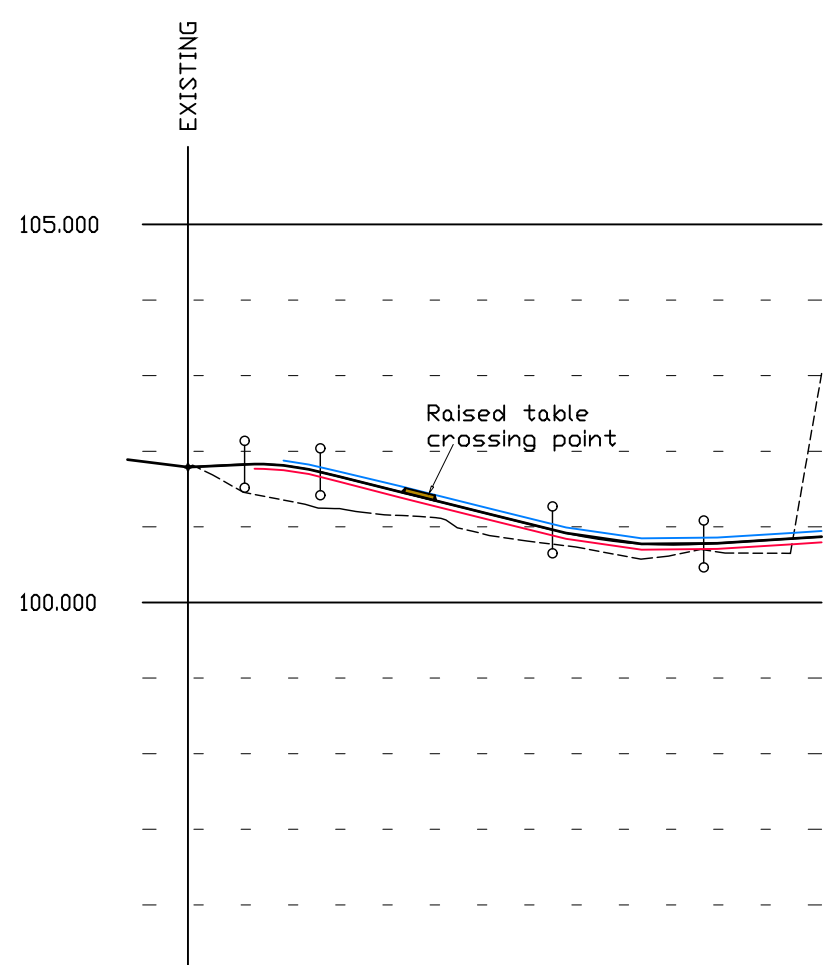


Plan showing highway layout and levels
Scale 1:200

ALIGNMENT ACCESS2								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JACCESS2-1	0.000	414045.343	411993.396	10.000	121.02883	17.59696	3.071	1.548
TPACCESS2-1a	8.467	414052.598	411989.032		121.02883			
IPACCESS2-1		414053.925	411988.234					
TPACCESS2-1b	11.539	414054.948	411987.072	10.000	138.62579	33.29395	5.811	2.990
TPACCESS2-2a	14.142	414056.668	411985.119		138.62579			
IPACCESS2-2		414058.645	411982.875					
TPACCESS2-2b	19.952	414061.528	411982.085		105.33185			
EPACCESS2-1	41.905	414082.700	411976.280		105.33185			

JUNCTION DETAILS : ACCESS2 - EXISTING LH Side				
Curve 1	E	N	Level	Radius
Centre D1 :	414052.979	411997.555		5.000
Start TP1:	414048.643	412000.046	101.564	
End TP2:	414050.402	411993.271	101.769	

JUNCTION DETAILS : ACCESS2 - EXISTING RH Side				
Curve 2	E	N	Level	Radius
Centre D2 :	414047.919	411985.428		3.000
Start TP3:	414044.928	411985.194	102.268	
End TP4:	414049.465	411987.999	101.876	



ACCESS2		CHAINAGE	EXISTING GROUND LEVEL	ALIGNMENT LEVEL	VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT	LEFT HAND CHANNEL	CENTRE LINE	RIGHT HAND CHANNEL	CROSSFALLS
		0.000	101.790	101.790	G= 1.000%	R= 10.000	101.769	101.790	101.769	RH=+2.50%
		8.467	101.790	101.790	L= 5.000		101.769	101.790	101.769	
		11.539	101.790	101.790	G= -5.000%		101.769	101.790	101.769	
		14.142	101.790	101.790	KF= 1.60		101.769	101.790	101.769	
		19.952	101.790	101.790	L= 10.000		101.769	101.790	101.769	
		41.905	101.790	101.790	G= 1.250%		101.769	101.790	101.769	LH=-2.50%

Highway Longitudinal Section
Scale H=1:500 & V=1:100

Note
This drawing is to be read in conjunction with all other relevant Architect's and Engineer's drawings and specification.

Refer to Topographical Survey for Survey Station Data

B	Access roadway and levels revised to suit revised development proposals and re-location of building	Sept19	L.R
	Contours removed, junction levels amended at Old Turnpike; Eastgate alteration removed.	July19	L.R

Revision	Description	Date	Rev. By

**Rutter Johnson**
Consulting Civil & Structural Engineers

Link House, 273 Crown Lane, Horwich, Bolton, BL6 5HY.
Tel: 01204 675550 Fax: 01204 695172
E-mail: enquiries@rutterjohnson.co.uk
Web: www.rutterjohnson.co.uk

Portland Nurseries
Engineering layout - Highway plan, long section & set out
Proposed Nursery
Honley, Huddersfield
HD9 6PA

Scale
1:200; H=1:500&V=1:100 @ A1

Date
June 2019

Drawn By
L Rutter

Rev.
Rev.

Checked By

19022-D100

B