All highways works including highway drainage to be in accordance with Lincolnshire County Council Design Guide for Residential Areas and Specification.

Foul sewers and manholes all to be in accordance with *Sewers for Adoption, fifth edition.*

Foul sewers and surface water sewers below 300 dia. To be laid in extra strength clay pipes with approved flexible joints with 150mm pea gravel bed and surround. Where cover to pipes is less than 1.2m, provide concrete bed and surround, 150mm thick of S.T.4 over trench width.

Surface water sewers 300 dia. And above to be laid in Class M concrete pipes with 150mm of 14mm down gravel as bed and surround. Where cover to pipes is less than 0.9m, provide concrete bed and surround 150mm thick of S.T.4 over trench width.

Give way markings to be installed in accordance with this drawing.

Pram crossing to be installed at tangent point of junction with tactile paving. Ipc

All street lighting columns to be sited within the adoptable highways and generally in accordance with Appendix H of Lincolnshire Design Guide for Residential Areas 1996: with revisions.

Columns shall not be installed within dropped kerbed areas without prior agreement from the street lighting engineer.

The installation shall comply with the street lighting design by Lincolnshire Street Lighting Section in scheme no S05349/01/P dated 15/10/02.
Post top lanterns shall be CFL type as Appendix 14/2. 42W sapphire 1 or equivalent.
Columns shall be 6 metre mounting height to Appendix 13/2 setback 1.65 metres.
Columns shall be galvanised Type 3 MIO as Appendix 19/3.
Photocells shall be SELC 101TF or equivalent.
Terminations to SD14/4A (1998)
Developer shall submit electrical test certificates to BS7671 and measure EFLI's at live supply points.

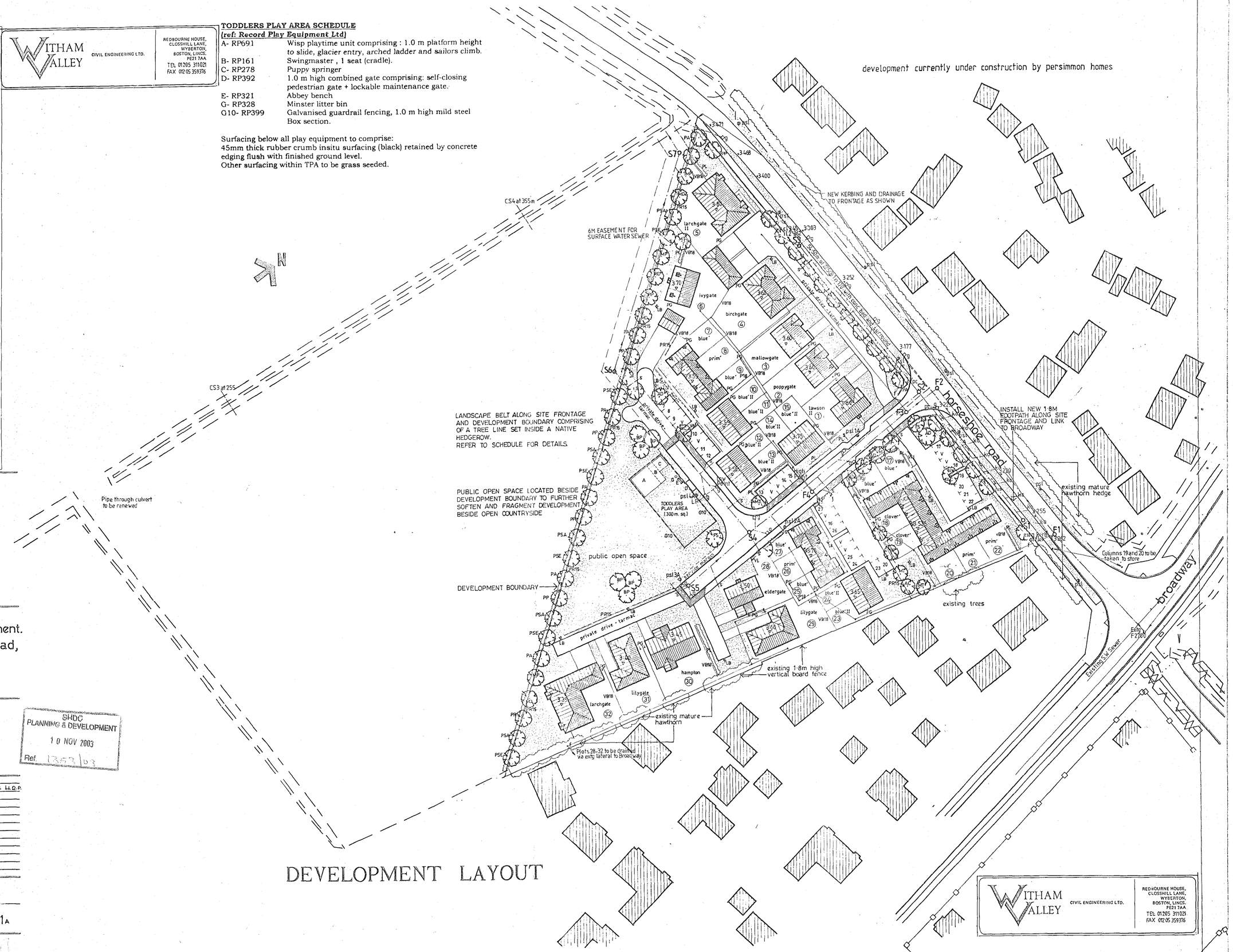
It is the responsibility of the Developer to ensure any approved design layout is subjected to notice under NRSWA 1991 especially when columns are affected/required on the fronting highway. Frontagers shall be informed of intent to erect columns by the Developer.

WITHAM VALLEY CIVIL ENGINEERING LTD.
REDBOURNE HOUSE, CLOSSHILL LANE, WYBERTON, BOSTON, LINCS. PE21 7AA
TEL 01205 311021
FAX 01205 359376

TODDLERS PLAY AREA SCHEDULE
(ref: Record Play Equipment Ltd)

A- RP691	Wisp playtime unit comprising : 1.0 m platform height to slide, glacier entry, arched ladder and sailors climb.
B- RP161	Swingmaster , 1 seat (cradle).
C- RP278	Puppy springer
D- RP392	1.0 m high combined gate comprising: self-closing pedestrian gate + lockable maintenance gate.
E- RP321	Abbey bench
G- RP328	Minster litter bin
G10- RP399	Galvanised guardrail fencing, 1.0 m high mild steel Box section.

Surfacing below all play equipment to comprise:
45mm thick rubber crumb insitu surfacing (black) retained by concrete edging flush with finished ground level.
Other surfacing within TPA to be grass seeded.



DEVELOPMENT LAYOUT

BROADGATE HOMES
Broadgate Homes Limited
Broadgate House, Weldon Hills,
Spalding, Lincolnshire. PE12 6DB.
Telephone: 01406 360532 Fax:01406 360014

PROJECT TITLE

Proposed Residential Development. Plots 1-32. Off Horseshoe Road, Spalding, Lincs.

DRAWING

Roads and Sewers Layout

SHDC PLANNING & DEVELOPMENT 10 NOV 2003 Ref. 1353/03

REV	DESCRIPTION	DATE	
A	F2-F3 & S2-S4 modified to ensure 0.5m from kerb	26/06/03	L.H.Q.P.

SCALE	DRAWN
1 - 500	
DATE	DRAWING No.
Jan 2003	E03/BH/HRS/01A

DETERMINED

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