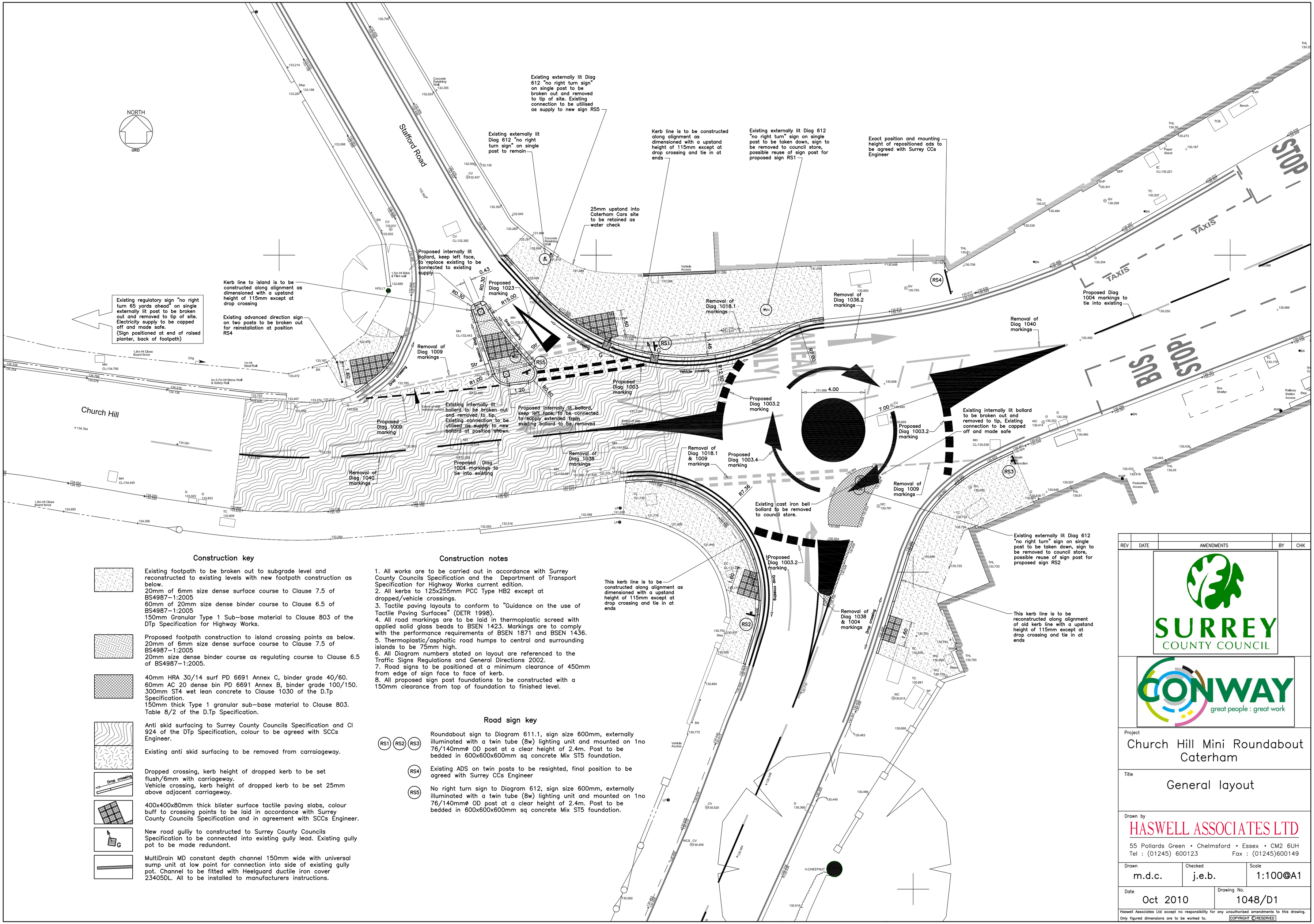

Construction key

Existing footpath to be broken out to subgrade level and reconstructed to existing levels with new footpath construction as below.
20mm of 6mm size dense surface course to Clause 7.5 of BS4987–1:2005
60mm of 20mm size dense binder course to Clause 6.5 of BS4987–1:2005
150mm Granular Type 1 Sub–base material to Clause 803 of the DTp Specification for Highway Works.

Proposed footpath construction to island crossing points as below.
20mm of 6mm size dense surface course to Clause 7.5 of BS4987–1:2005
20mm size dense binder course as regulating course to Clause 6.5 of BS4987–1:2005.

40mm HRA 30/14 surf PD 6691 Annex C, binder grade 40/60.
60mm AC 20 dense bin PD 6691 Annex B, binder grade 100/150.
300mm ST4 wet lean concrete to Clause 1030 of the D.Tp Specification.
150mm thick Type 1 granular sub–base material to Clause 803. Table 8/2 of the D.Tp Specification.

Anti skid surfacing to Surrey County Councils Specification and Cl 924 of the DTp Specification, colour to be agreed with SCCs Engineer.

Existing anti skid surfacing to be removed from carraiageway.

Dropped crossing, kerb height of dropped kerb to be set flush/6mm with carriageway.
Vehicle crossing, kerb height of dropped kerb to be set 25mm above adjacent carriageway.

400x400x80mm thick blister surface tactile paving slabs, colour buff to crossing points to be laid in accordance with Surrey County Councils Specification and in agreement with SCCs Engineer.

New road gulliy to constructed to Surrey County Councils Specification to be connected into existing gully lead. Existing gully pot to be made redundant.

MultiDrain MD constant depth channel 150mm wide with universal sump unit at low point for connection into side of existing gully pot. Channel to be fitted with Heelguard ductile iron cover 23405DL. All to be installed to manufacturers instructions.

Construction notes

1. All works are to be carried out in accordance with Surrey County Councils Specification and the Department of Transport Specification for Highway Works current edition.
2. All kerbs to 125x255mm FCC Type HB2 except at dropped/vehicle crossings.
3. Tactile paving layouts to conform to "Guidance on the use of Tactile Paving Surfaces" (DETR 1998).
4. All road markings are to be laid in thermoplastic screed with applied solid glass beads to BSEN 1423. Markings are to comply with the performance requirements of BSEN 1871 and BSEN 1436.
5. Thermoplastic/asphaltic road humps to central and surrounding islands to be 75mm high.
6. All Diagram numbers stated on layout are referenced to the Traffic Signs Regulations and General Directions 2002.
7. Road signs to be positioned at a minimum clearance of 450mm from edge of sign face to face of kerb.
8. All proposed sign post foundations to be constructed with a 150mm clearance from top of foundation to finished level.

Road sign key

RS1 RS2 RS3 — Roundabout sign to Diagram 611.1, sign size 600mm, externally illuminated with a twin tube (8w) lighting unit and mounted on 1no 76/140mmØ OD post at a clear height of 2.4m. Post to be bedded in 600x600x600mm sq concrete Mix ST5 foundation.

RS4 — Existing ADS on twin posts to be resighted, final position to be agreed with Surrey CCs Engineer

RS5 — No right turn sign to Diagram 612, sign size 600mm, externally illuminated with a twin tube (8w) lighting unit and mounted on 1no 76/140mmØ OD post at a clear height of 2.4m. Post to be bedded in 600x600x600mm sq concrete Mix ST5 foundation.

REV	DATE	AMENDMENTS	BY	CHK

SURREY COUNTY COUNCIL

CONWAY great people : great work

Project
Church Hill Mini Roundabout
Caterham

Title
General layout

Drawn by
HASWELL ASSOCIATES LTD
55 Pollards Green • Chelmsford • Essex • CM2 6UH
Tel : (01245) 600123 Fax : (01245)600149

Drawn	Checked	Scale
m.d.c.	j.e.b.	1:100@A1

Date	Drawing No.
Oct 2010	1048/D1

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