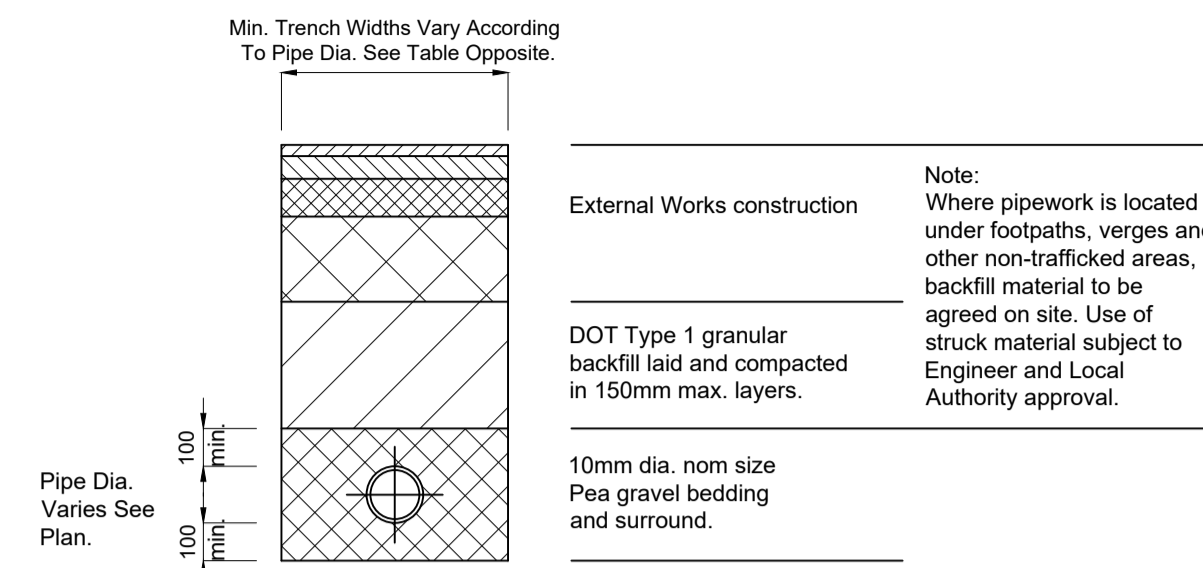


Typical Manhole Detail - 1:20



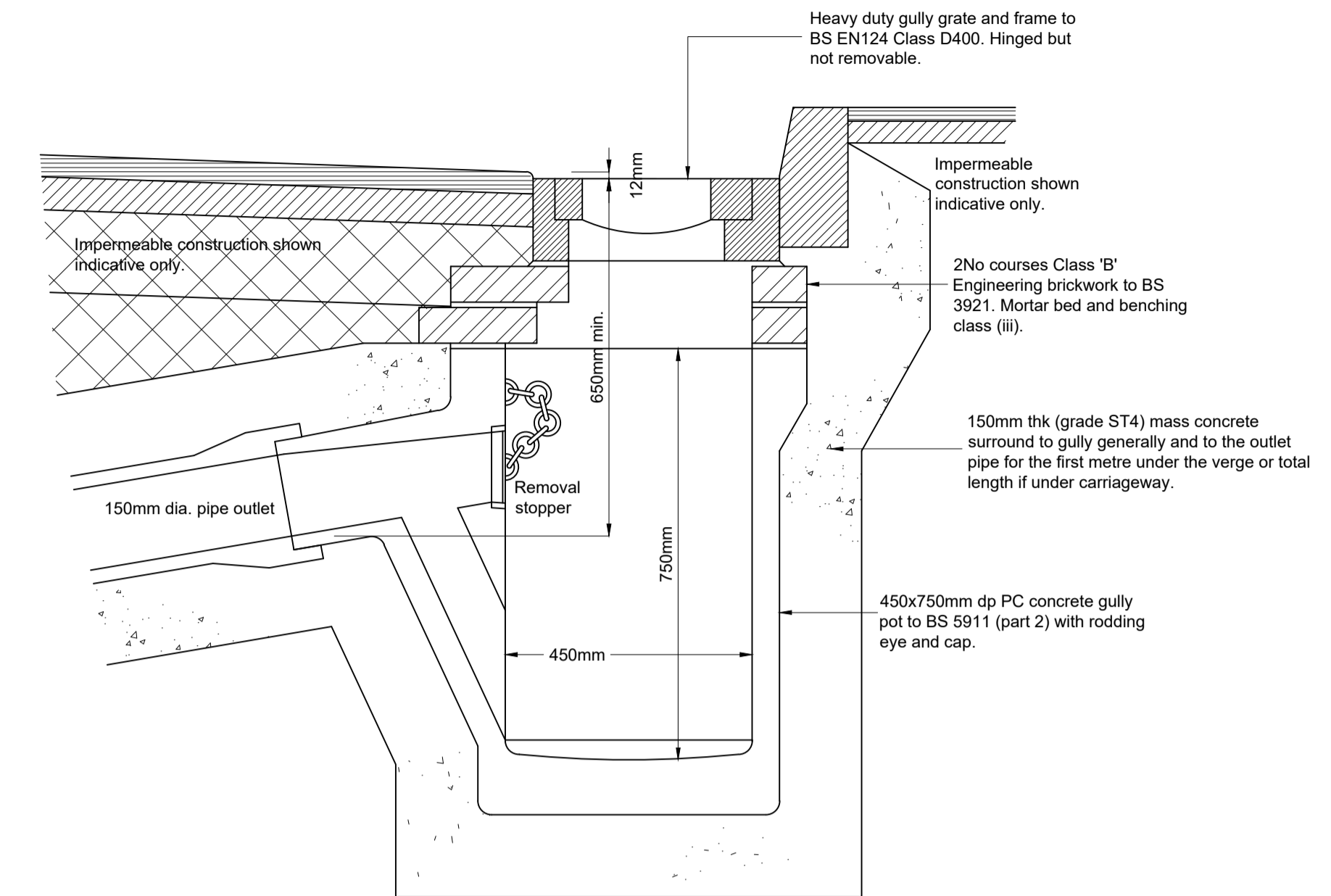
Pipe Bedding Detail Type S

Note: RIGID PIPEWORK CLAYWARE 100 - 600mm Dia. & CONCRETE 300 - 600mm Dia.: Applicable where pipework has more than 1200mm cover under trafficked areas or more than 600mm under non-trafficked areas.

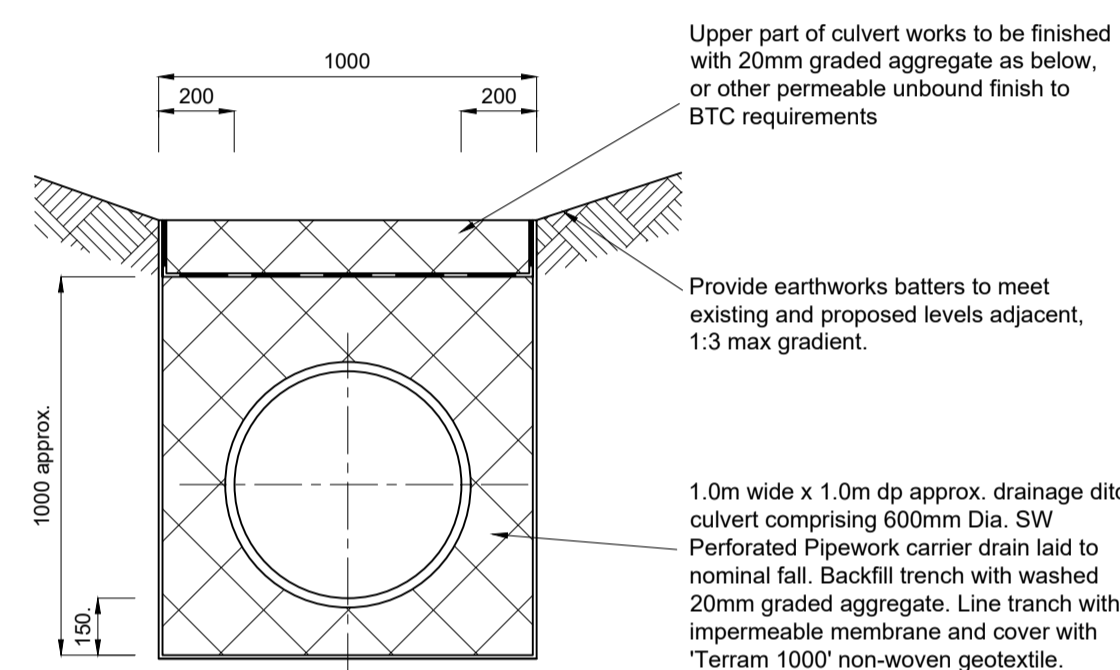
FLEXIBLE PIPEWORK PLASTICS (nominal ring stiffness SN4): Applicable where pipework has more than 1200mm cover under trafficked areas or more than 600mm under non-trafficked areas.

TRENCH WIDTHS	
Pipe Dia (mm)	Min. Trench Width (mm)
100	550
150	600
225	700
300	750
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
975	2000
1050	2300
1200	2300
Over 1200	Pipe Dia. + 1000

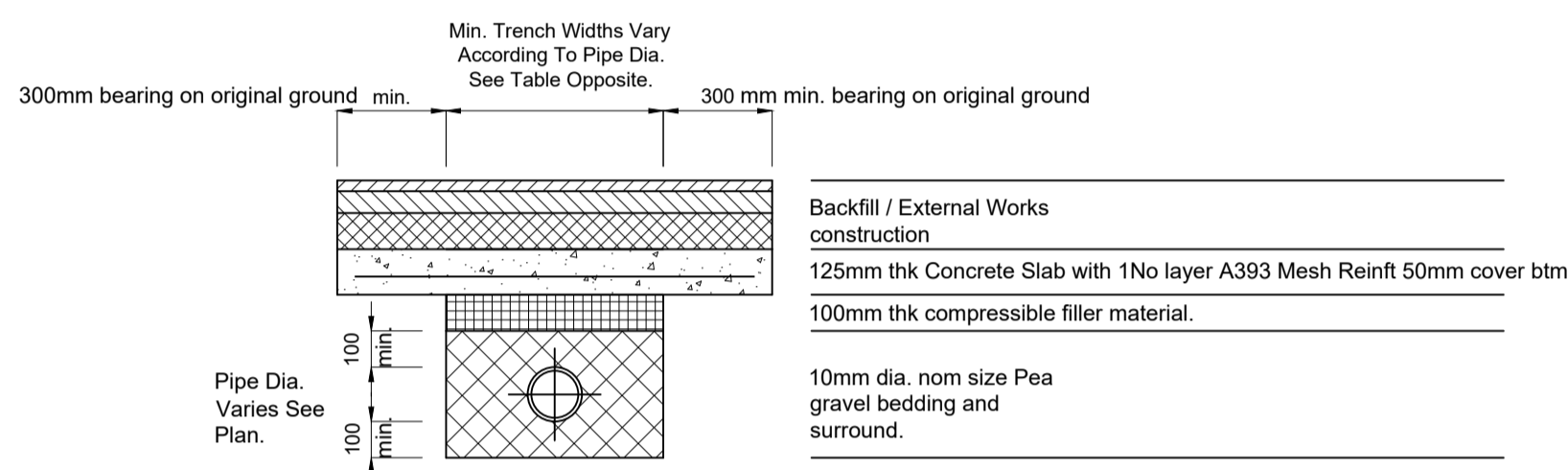
Note: No Mechanical compaction techniques to be used within 300mm of the crown of all pipework. See Structural Engineers details for pipework laid under buildings / through foundations etc.



Typical Road Gully Detail - 1:10



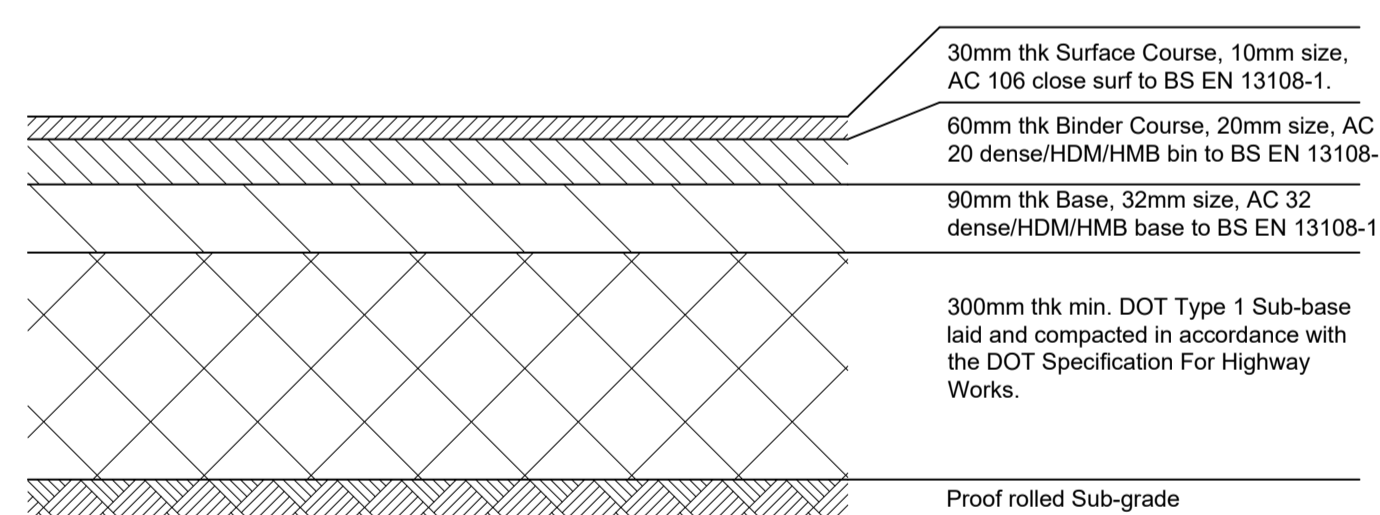
Drainage Ditch Reinstatement Detail - 1:20



Protection For Pipes Laid At Shallow Depths

Note: RIGID PIPEWORK CLAYWARE 100 - 600mm Dia. & CONCRETE 300 - 600mm Dia.: Applicable where pipework has less than 1200mm cover under trafficked areas or less than 600mm under non-trafficked areas.

FLEXIBLE PIPEWORK PLASTICS (nominal ring stiffness SN4): Applicable where pipework has less than 1200mm cover under trafficked areas or less than 600mm under non-trafficked areas.



Car Park Construction Detail

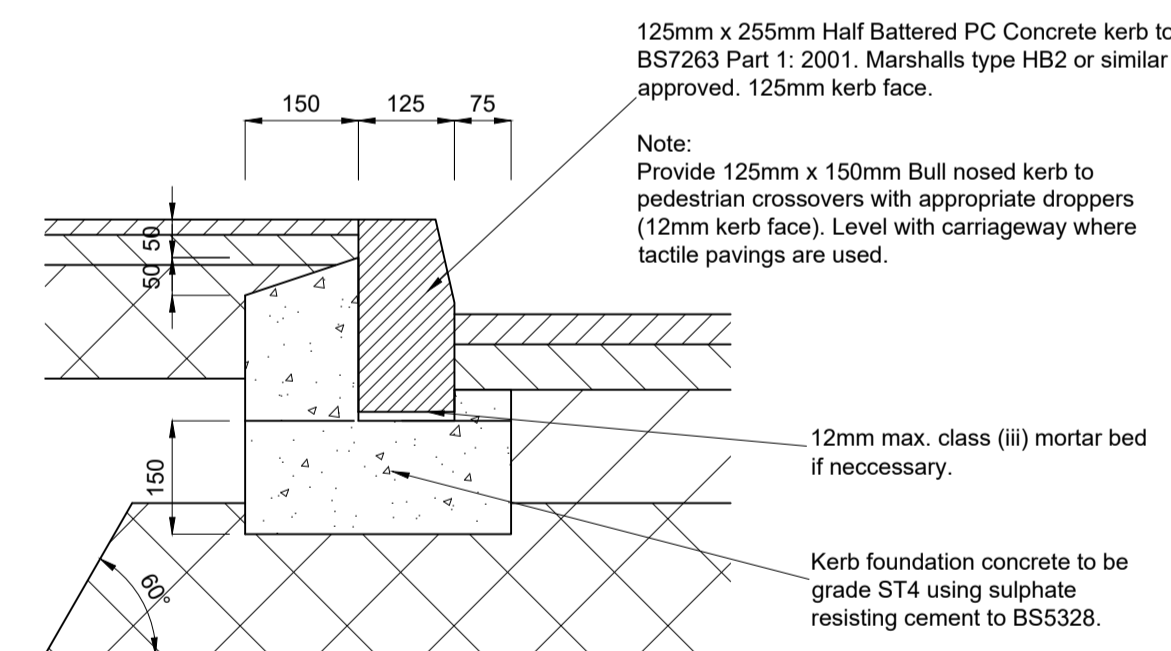
Note: This detail to be read in accordance with the Department of Transport's Specification for Highway Works.

The above construction thicknesses are all subject to onsite CBR tests prior to construction. A CBR Value of 3% has been assumed.

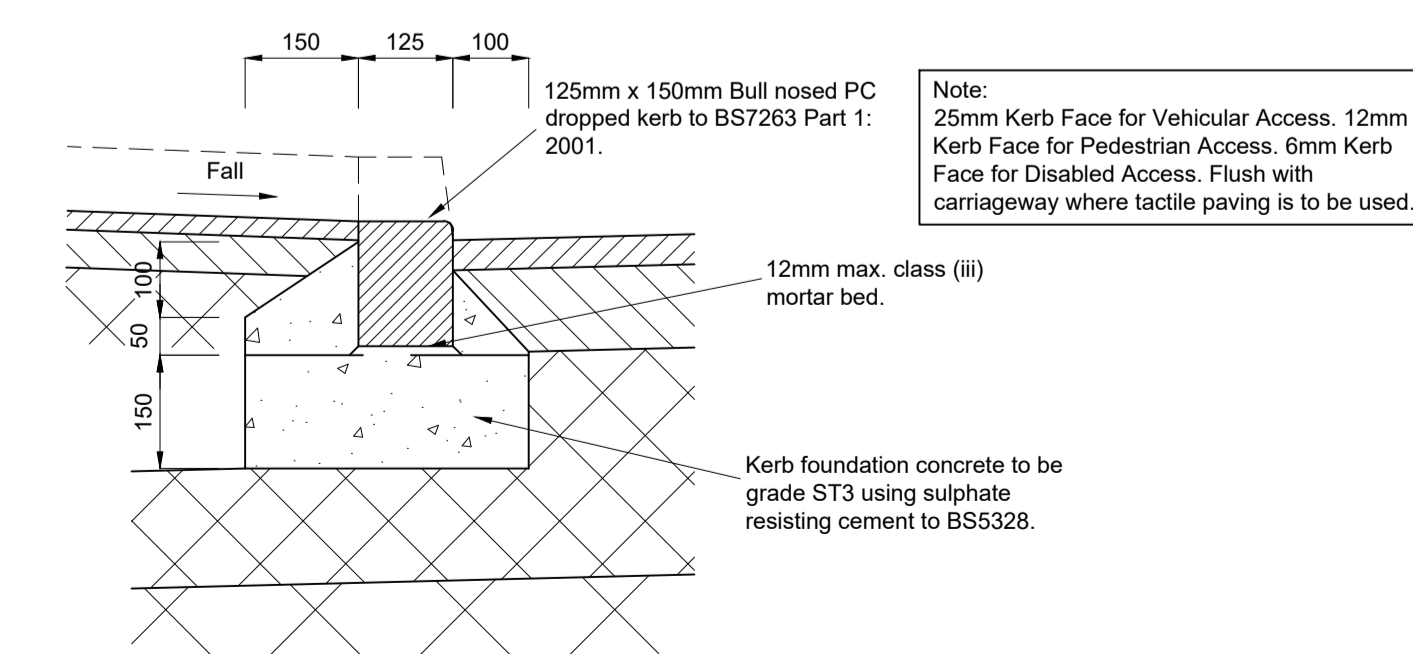
Minimum overall pavement construction thickness 450mm.

Sub-Grade (CBR)	Capping + Sub-base (mm)	Sub-base Only (mm)
2%	600 + 150	-
2.5%	400 + 150	350
3%	350 + 150	300
4%	300 + 150	275
5%	250 + 150	225
8%	225 + 150	200
10%	175 + 150	175
15%	-	150

Note: Min. Pavement Construction Thickness 450mm



Typical Half Battered Kerb Detail - 1:10



Typical Dropped Kerb Detail - 1:10

NOTES

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Dimensions must not be scaled from this drawing. The Contractor is to check and verify all building and site dimensions before work is put in hand.

This drawing must be read and checked against any Architects or other specialists drawings.

The Contractor is to check and verify with all Statutory Authorities and the Employer the location and condition of any underground or overhead services or confirm that none exist prior to work commencing on site.

The Contractor shall comply with enactments regulations and working rules relating to safety health and welfare of workpeople.

Date	Description	AL	CHD	P11
29.02.24	Preliminary Issue			

21 Stoney Street, Looe Market, Nottingham, NG1 1LP  
Tel: 01159 417145

Courtyard House, Silver Street, Head, Sheffield, S1 2DD  
Tel: 01143 211900

Lincoln Office  
Tel: 01522 245020  
Fax: 01159 484445

Consulting Structural & Civil Engineers  
Nottingham • Sheffield • Lincoln  
www.collinshallgreen.co.uk

Project  
**Park Car Park Re-construction Kingsway, Braunstone**

Title  
**Typical External Works Details**

Drawn	Checked	CHG job No.
Noted	AL	J522

Drawing Number	Revision
J522-CHG-Z0-00-DR-C-5010	P01