

Highway Details

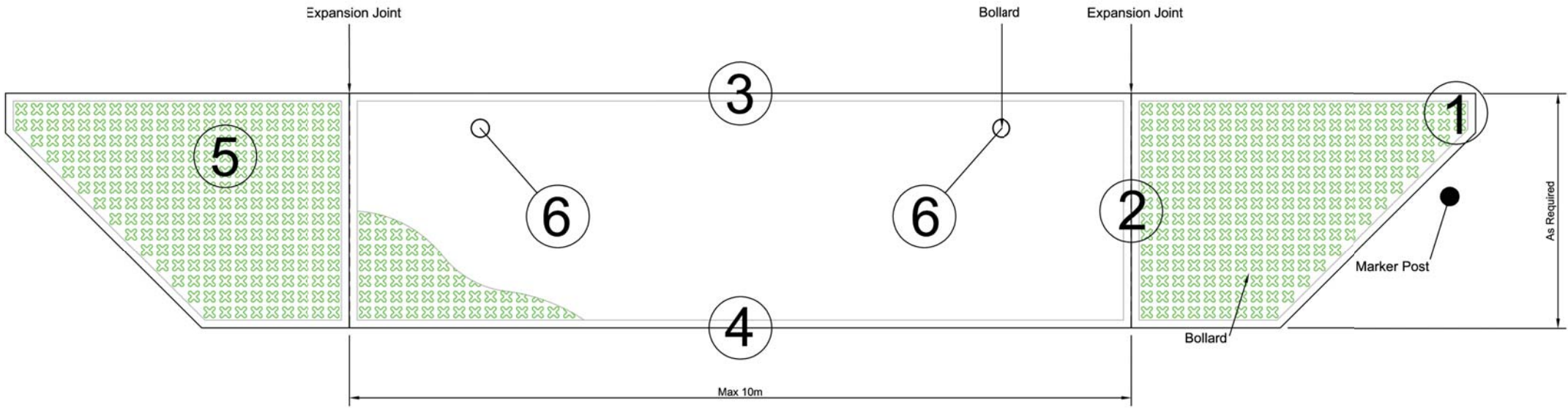
Grasscrete

CAD

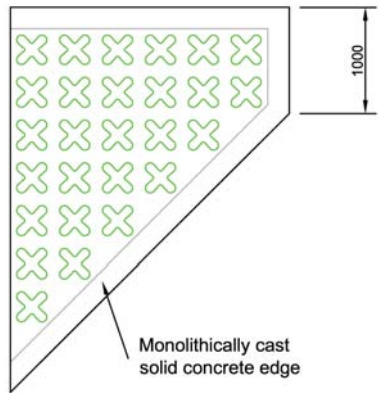


GrassConcrete

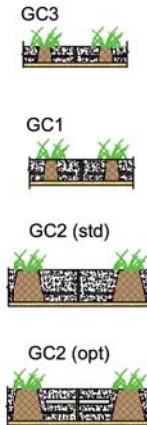
The following information is issued solely as an aid to design and does not assume liability in the final design. Information detailed is subject to change without notice.



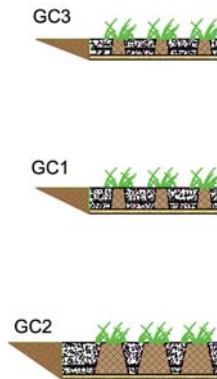
Detail 1



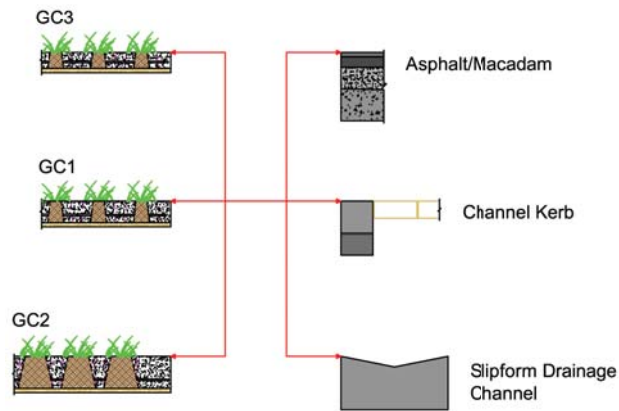
Detail 2



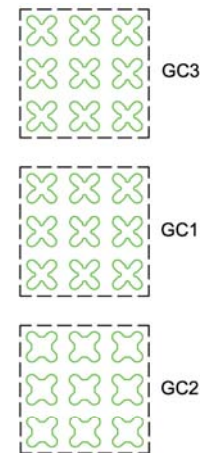
Detail 3



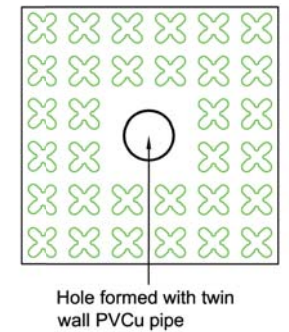
Detail 4



Detail 5



Detail 6



Detail 1 - 6
Scale 1:25



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Client
N/A
Client Address

Site Details
N/A
Site Address

Revision History

Drawn By
D Moorhouse

Date
01.12.2010

Checked By
REH

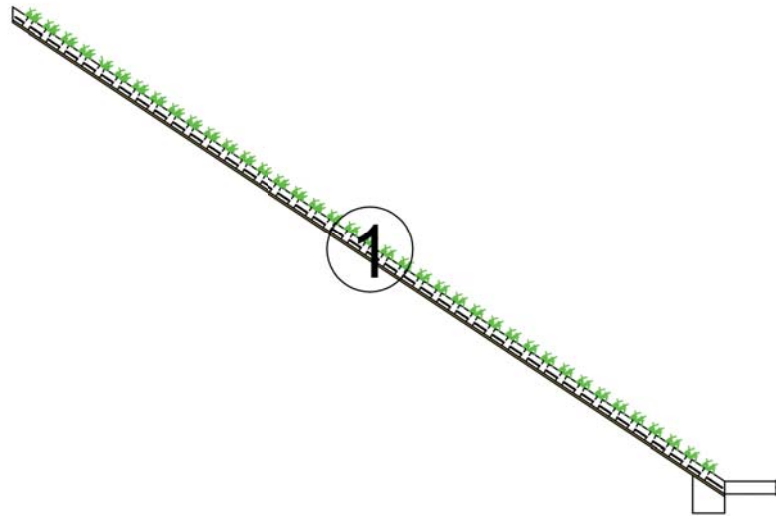
Scale
1:50 @ A3

Project Reference
Project Title
Typical Grasscrete Highway Details - Layby

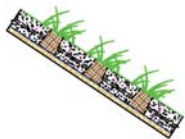
Drawing Number
GC-CAD-0001

Revision
-

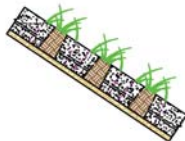
Alignment of bridge deck above



Detail 1



GC3
Waterflow ≤ 4.5m/sec



GC1
Waterflow ≤ 6m/sec



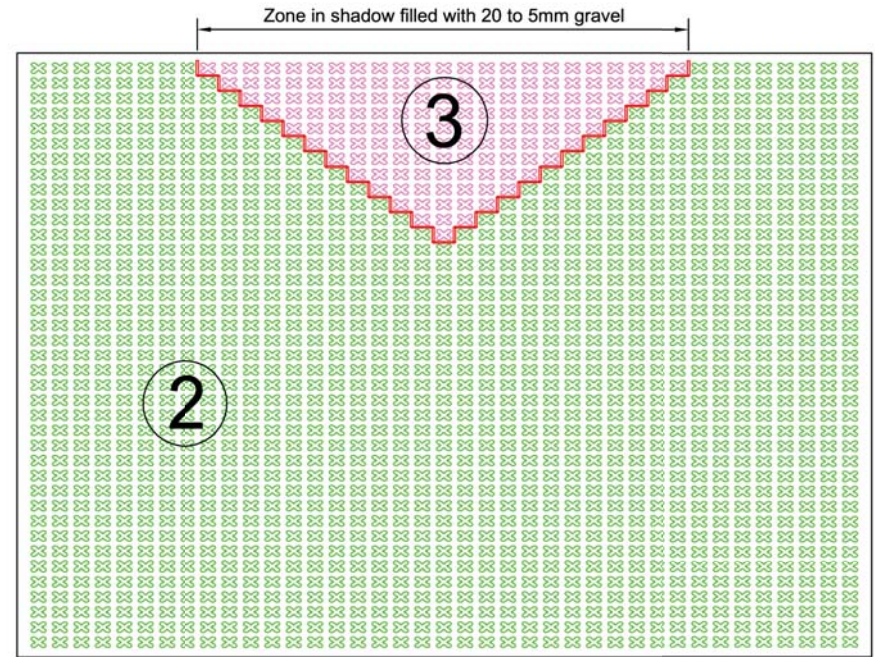
GC2
Waterflow ≤ 9m/sec

SLOPE DETAILING

Scale 1:20

GRASSCRETE SLOPE

Scale 1:50

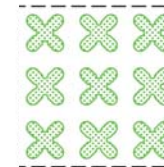


BRIDGE ABUTMENT - ELEVATION

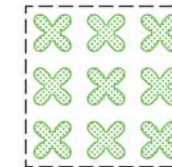
Scale 1:50

Detail 2

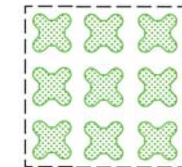
Grasscrete formers.
Soil and seeded.



GC3



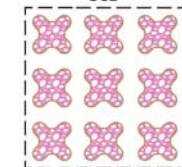
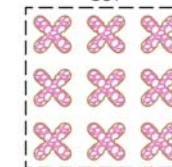
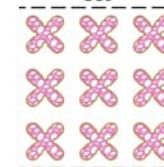
GC1



GC2

Detail 3

Grasscrete formers.
20 to 5mm gravel infill



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As Shown @ A3

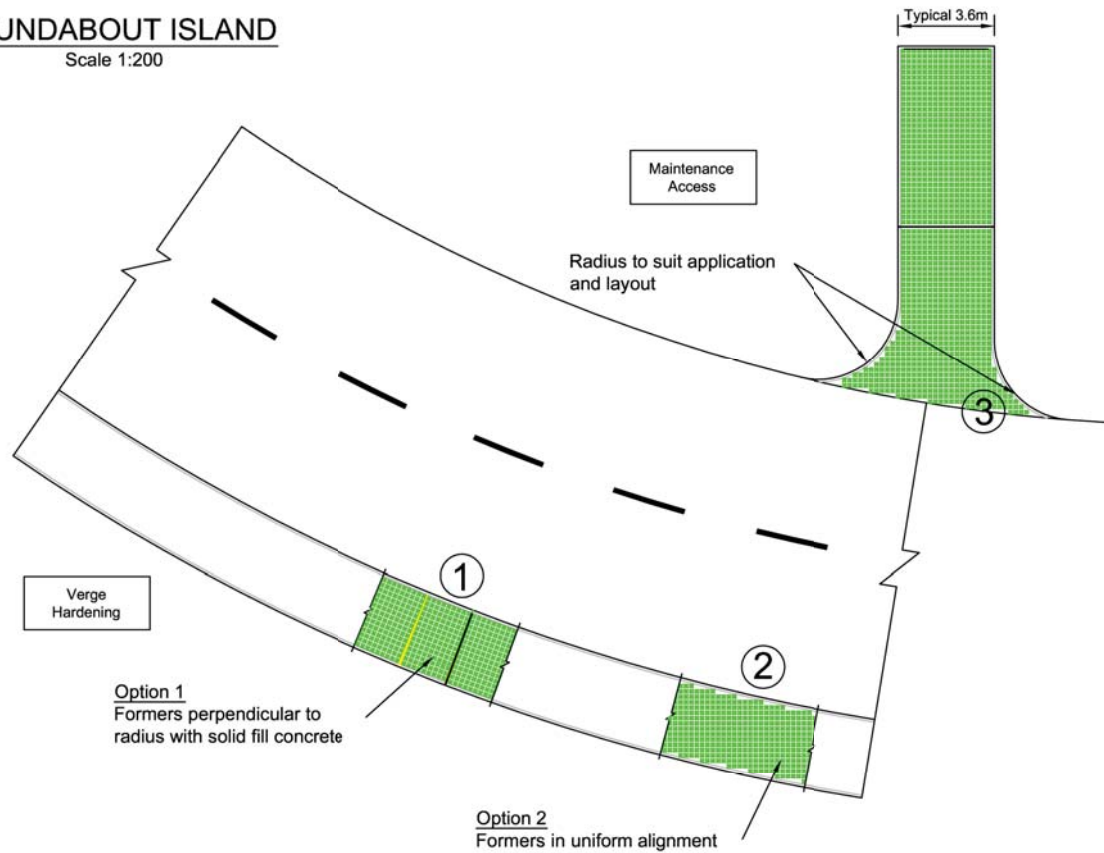
Project Reference
Project Title
Typical Grasscrete Highway Details - Bridge Abutment

Drawing Number
GC-CAD-0002

Revision
-

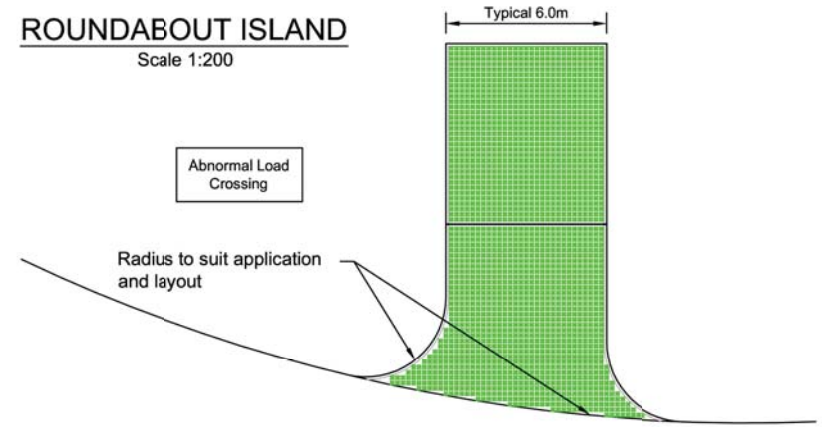
ROUNDAABOUT ISLAND

Scale 1:200

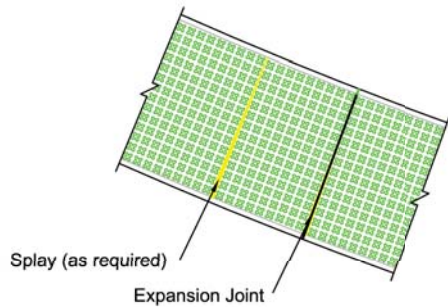


ROUNDAABOUT ISLAND

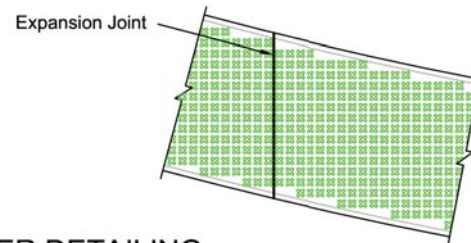
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Detail 1



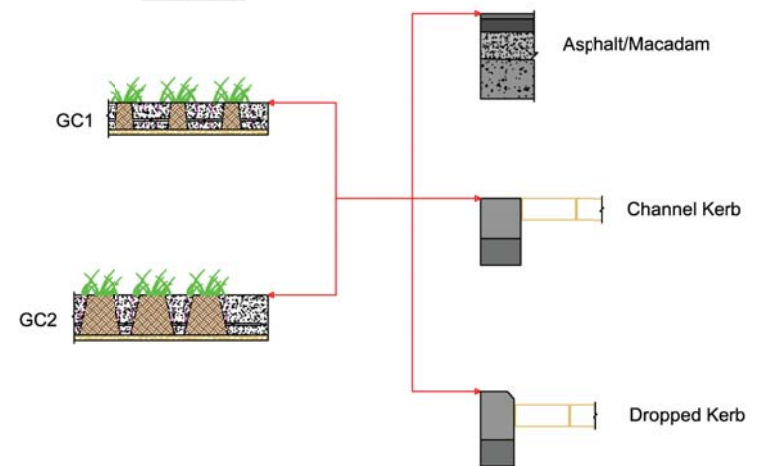
Detail 2



FORMER DETAILING

Scale 1:100

Detail 3



EDGE DETAIL

Scale 1:20



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Revision History

Revision	Description

Drawn By
 D Moorhouse

Date
 01.12.2010

Checked By
 REH

Scale
 As Shown @ A3

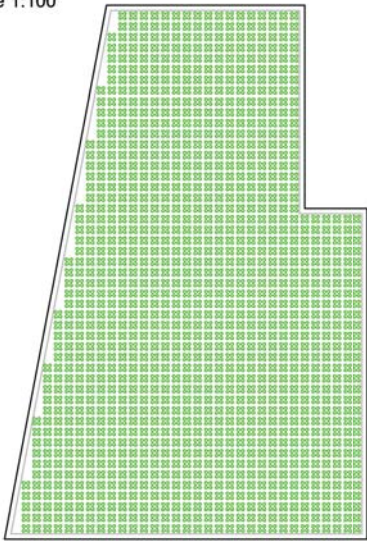
Project Reference
 Project Title
 Typical Grasscrete Highway Details - Roundabout Details

Drawing Number
 GC-CAD-0003

Revision
 -

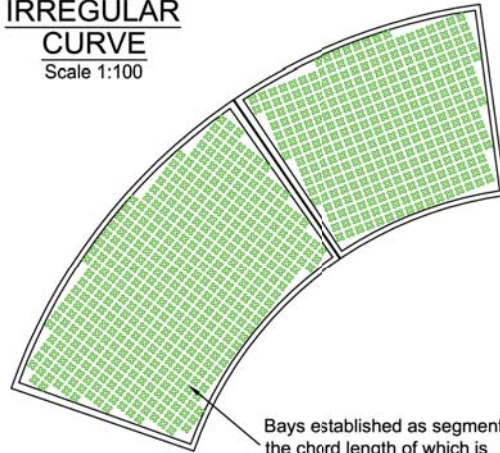
TAPERS

Scale 1:100

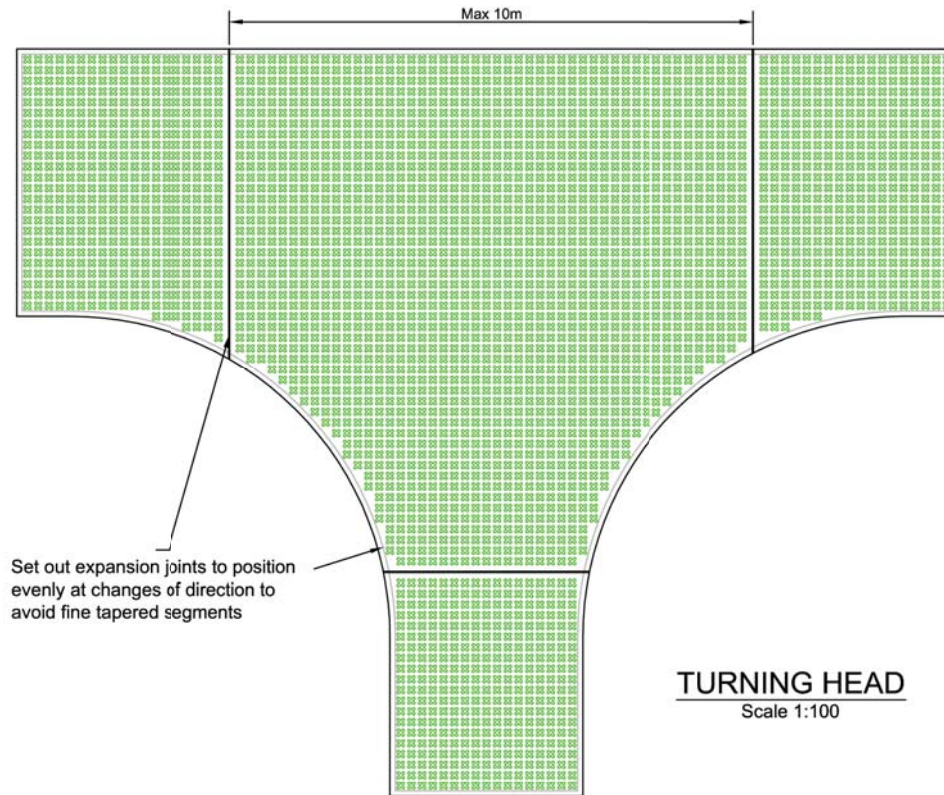


IRREGULAR CURVE

Scale 1:100



Bays established as segments, the chord length of which is dictated by the radius



Set out expansion joints to position evenly at changes of direction to avoid fine tapered segments

TURNING HEAD

Scale 1:100

Possible variation to edge geometry

Formers maintain grid module

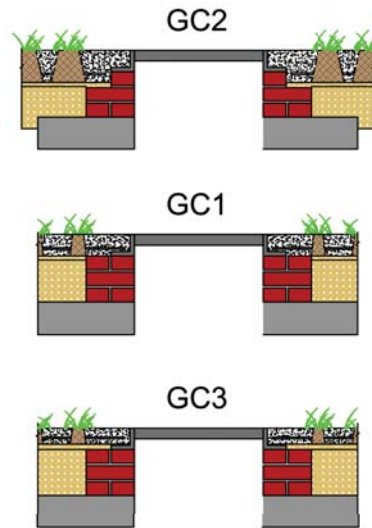
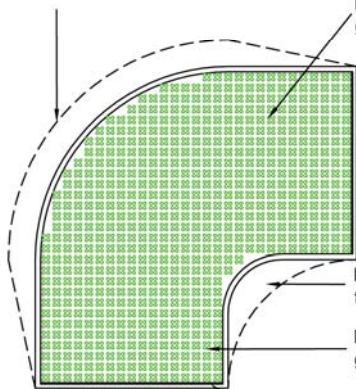
Possible variation to edge geometry

Formers maintain grid profile

Expansion Joint

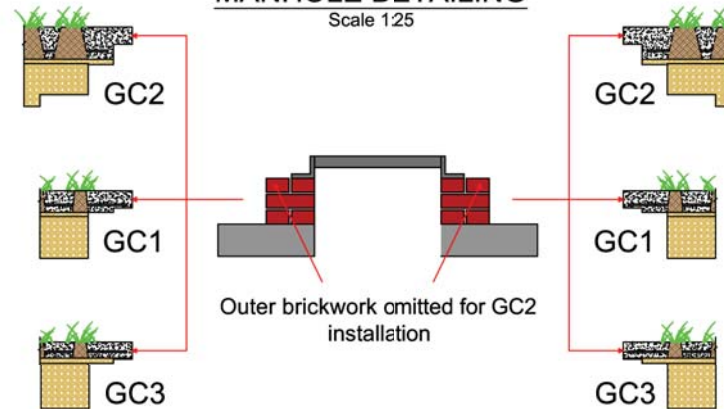
RIGHT ANGLE

Scale 1:100



MANHOLE DETAILING

Scale 1:25



Outer brickwork omitted for GC2 installation



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Revision History

Rev	Description

Drawn By

D Moorhouse

Date

01.12.2010

Checked By

REH

Scale

As Shown @ A3

Project Reference

Project Title

Typical Grasscrete Highway Details - General Access

Drawing Number

GC-CAD-0004

Revision

-