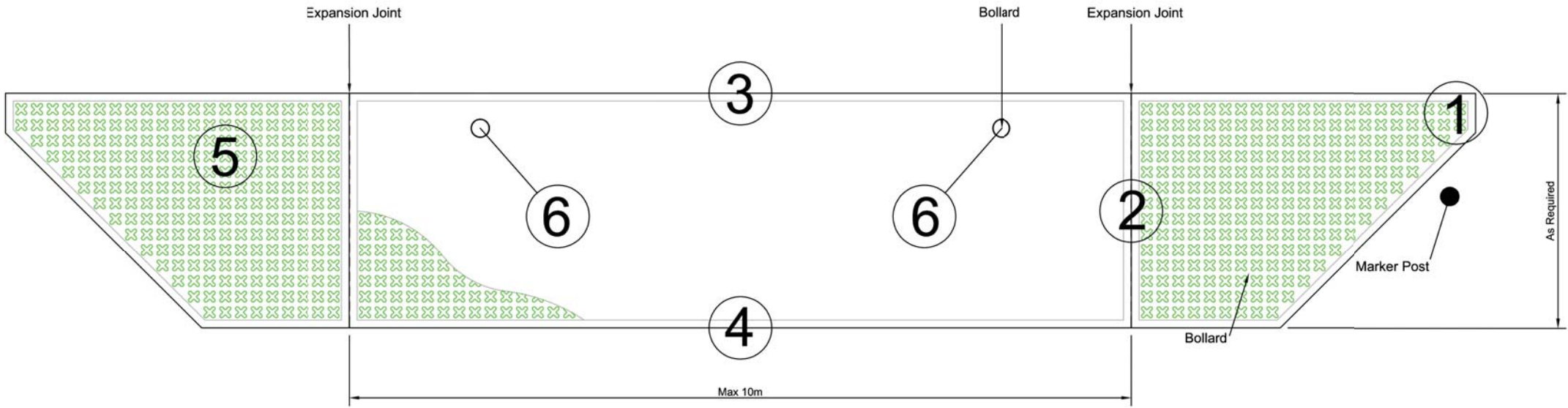




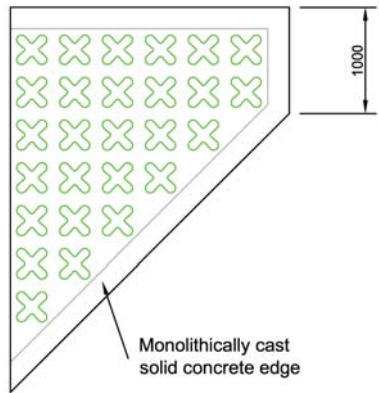
GrassConcrete

CAD

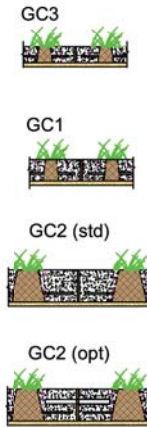
**Highway Details**



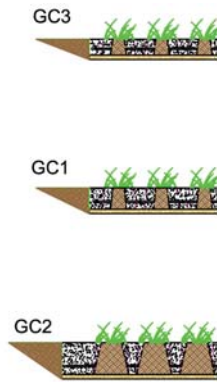
**Detail 1**



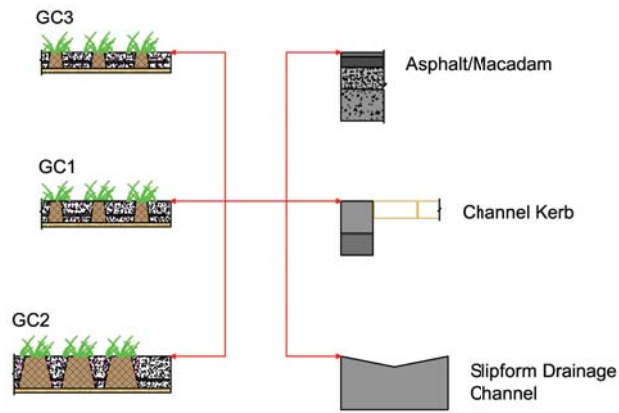
**Detail 2**



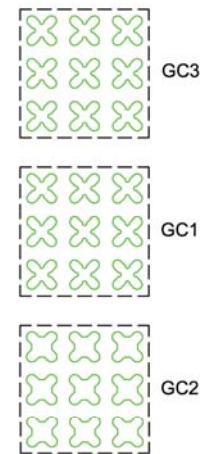
**Detail 3**



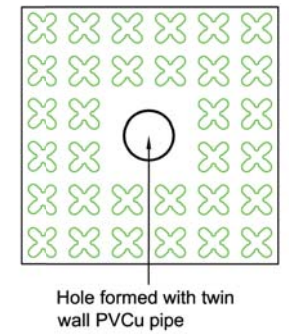
**Detail 4**



**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

Revision	Description

Drawn By  
D Moorhouse

Date  
01.12.2010

Checked By  
REH

Scale  
1:50 @ A3

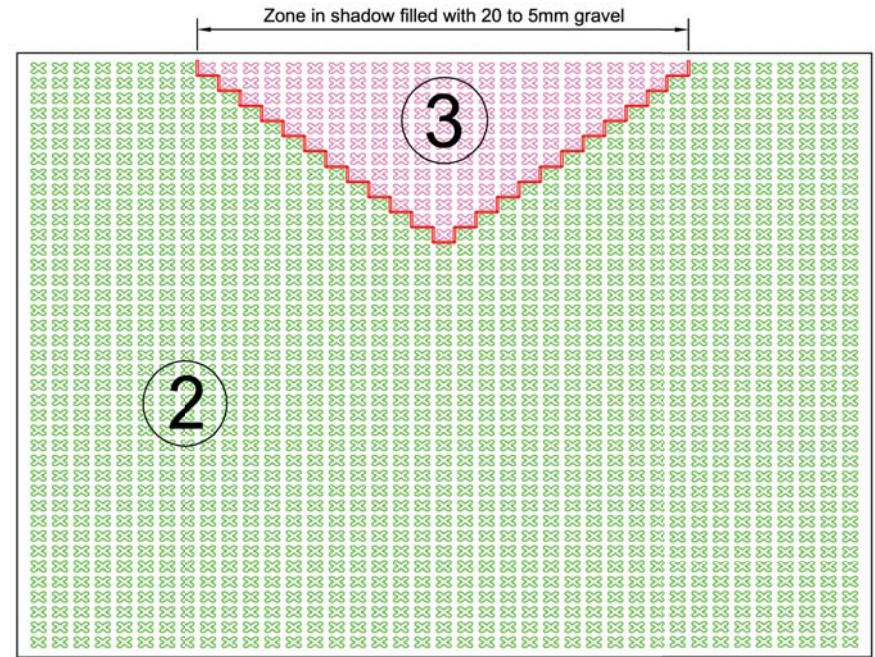
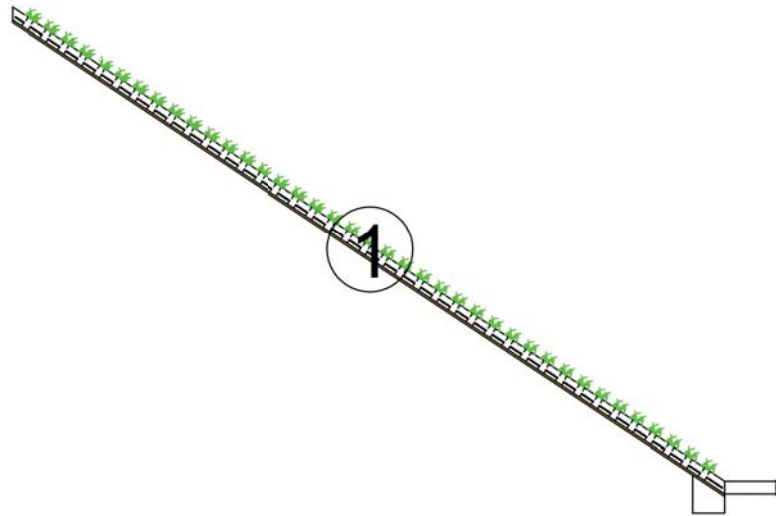
Project Reference  
Drawing Number  
GC-CAD-0001

Project Title  
Typical Grasscrete Highway Details - Layby

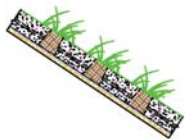
Revision

-

Alignment of bridge deck above



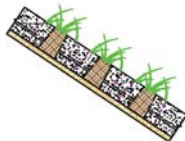
**Detail 1**



GC3  
Waterflow ≤ 4.5m/sec

**GRASSCRETE SLOPE**

Scale 1:50



GC1  
Waterflow ≤ 6m/sec



GC2  
Waterflow ≤ 9m/sec

**SLOPE DETAILING**

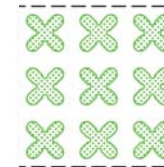
Scale 1:20

**BRIDGE ABUTMENT - ELEVATION**

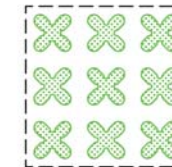
Scale 1:50

**Detail 2**

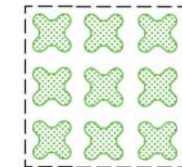
Grasscrete formers.  
Soil and seeded.



GC3



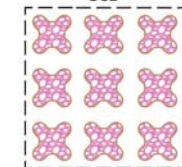
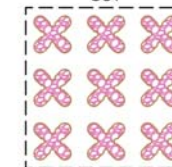
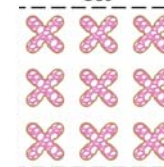
GC1



GC2

**Detail 3**

Grasscrete formers.  
20 to 5mm gravel infill



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Revision History


Drawn By  
D Moorhouse

Date  
01.12.2010

Checked By  
REH

Scale  
As Shown @ A3

Project Reference  
Project Title  
Typical Grasscrete Highway Details - Bridge Abutment

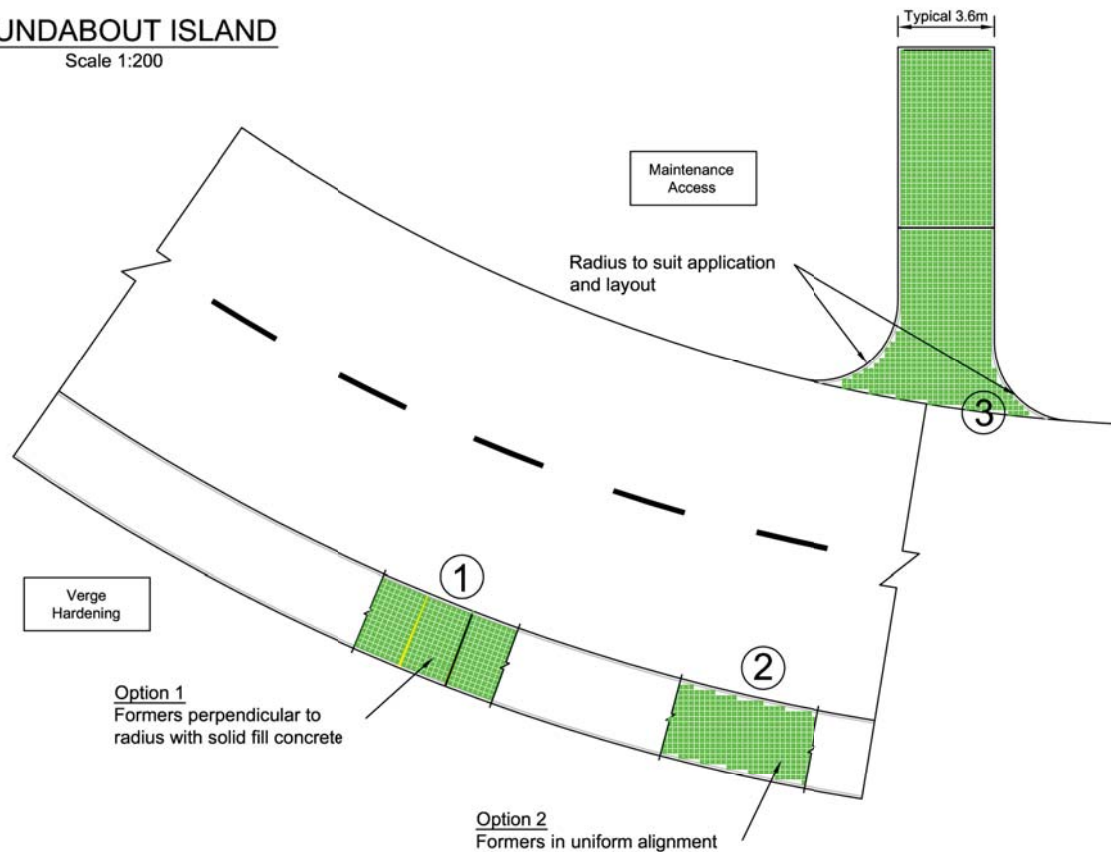
Drawing Number  
GC-CAD-0002

Revision  
-



# ROUNABOUT ISLAND

Scale 1:200

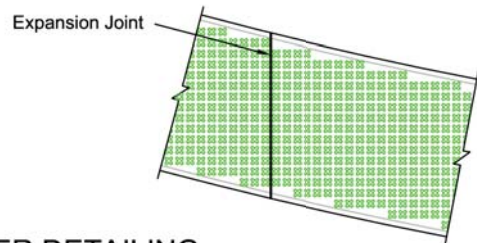
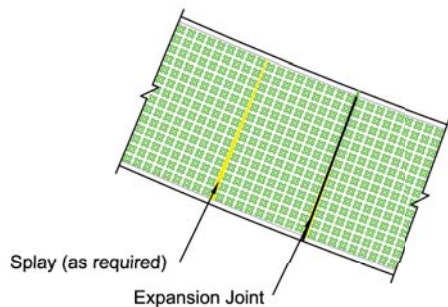


**Option 1**  
Formers perpendicular to radius with solid fill concrete

**Option 2**  
Formers in uniform alignment

## Detail 1

## Detail 2

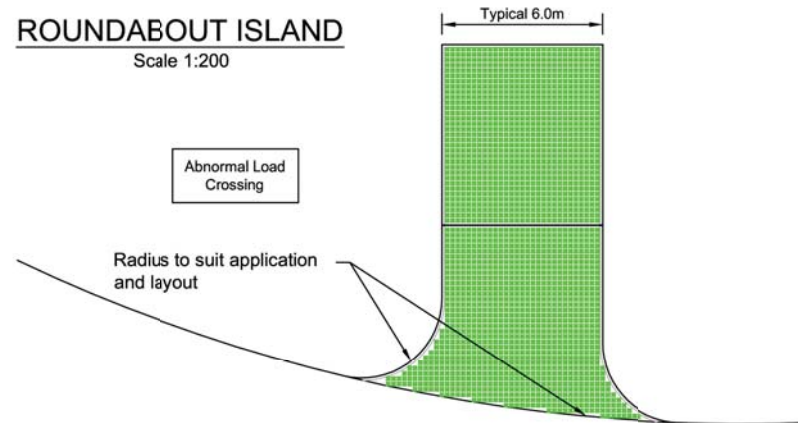


## FORMER DETAILING

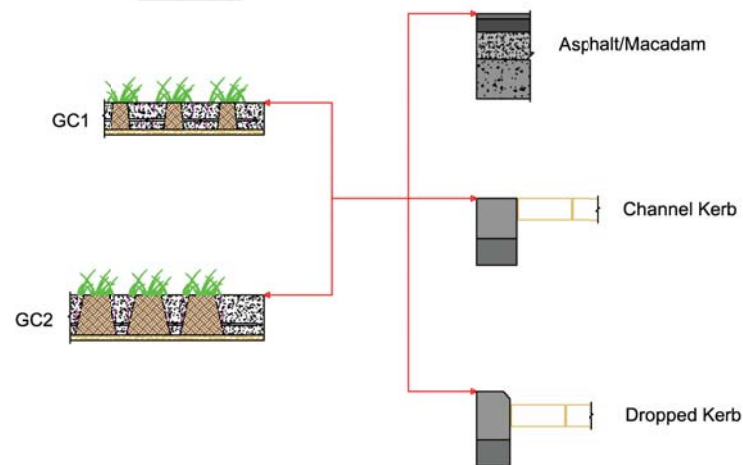
Scale 1:100

# ROUNABOUT ISLAND

Scale 1:200



## 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

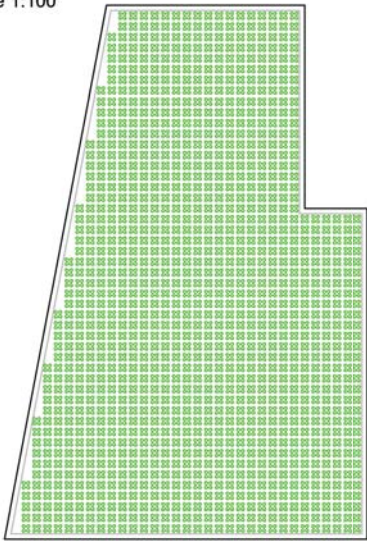
Project Reference  
Project Title  
Typical Grasscrete Highway Details - Roundabout Details

Drawing Number  
GC-CAD-0003

Revision  
-

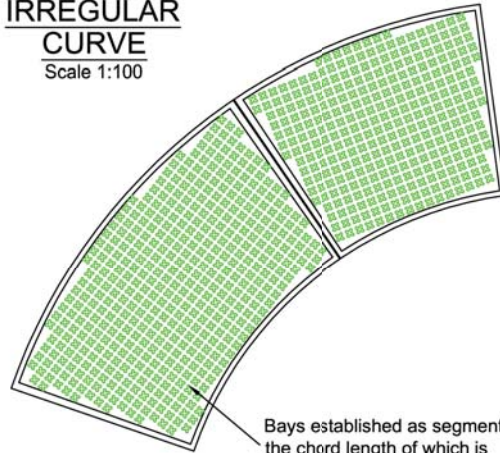
### TAPERS

Scale 1:100

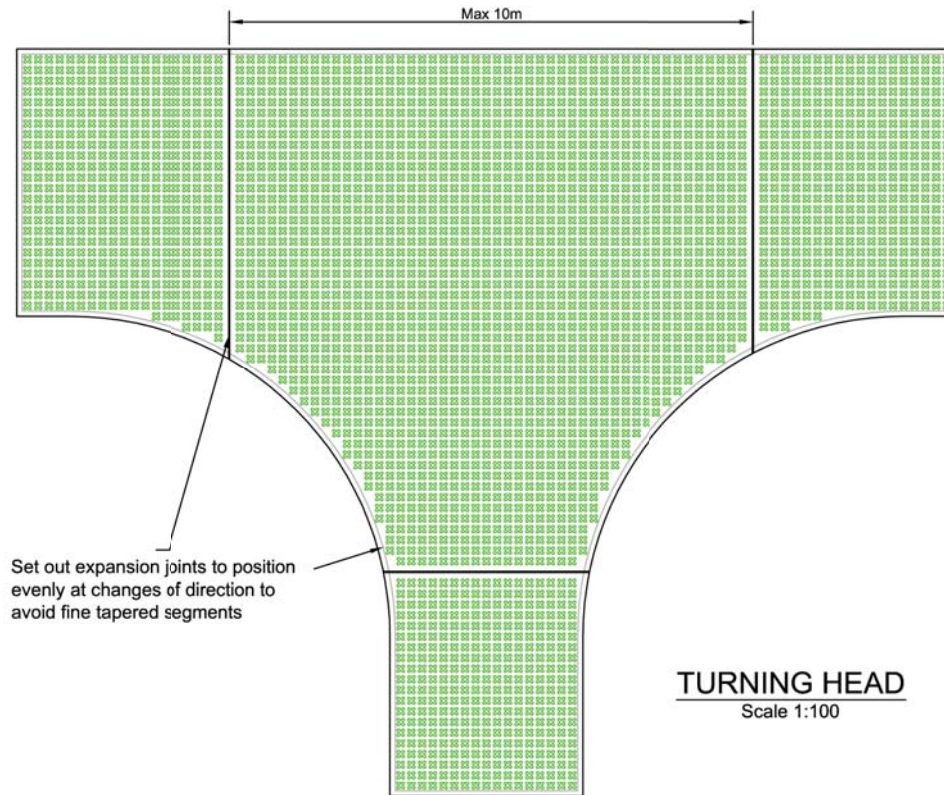


### IRREGULAR CURVE

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

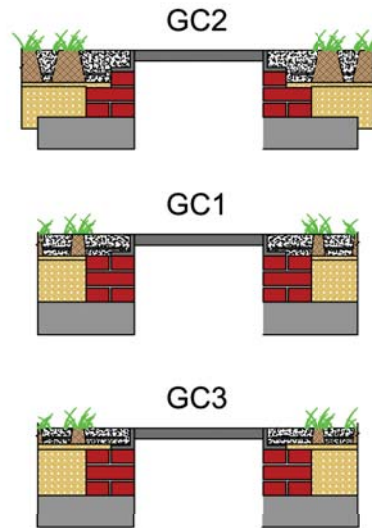
Possible variation to edge geometry

Formers maintain grid profile

Expansion Joint

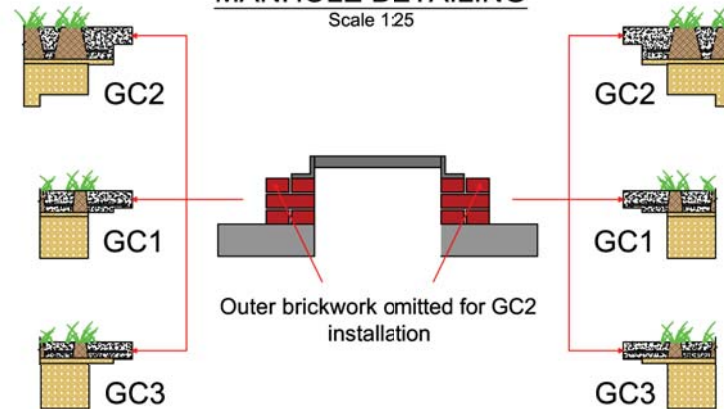
### RIGHT ANGLE

Scale 1:100



### MANHOLE DETAILING

Scale 125



Outer brickwork omitted for GC2 installation



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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 - General Access

Drawing Number

GC-CAD-0004

Revision

-