

Peter Mickleburgh

From: Anthony Hagan <anthony.hagan@manchester.gov.uk>
Sent: 25 January 2023 08:41
To: Richard Bartlett
Cc: Jon Grafton
Subject: Re: NOMA Plot P revised S278 dwgs

Hi Rich,

I confirm the drawings and designs are acceptable to MCC.

Regards,

Tony

Anthony Hagan - Engineer
Statutory Approvals
Manchester City Council

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E-mail: anthony.hagan@manchester.gov.uk

Office / Postal Address:
Highways Service (Neighbourhoods Directorate)
PO Box 532 Town Hall
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M60 2LA

From: Richard Bartlett <Richard.Bartlett@curtins.com>
Sent: 24 January 2023 16:34
To: Anthony Hagan <anthony.hagan@manchester.gov.uk>
Cc: Jon Grafton <J.Grafton@Gardiner.com>
Subject: RE: NOMA Plot P revised S278 dwgs

Hi Tony,

Please see attached, updated levels, updated GA, new Drainage layout and calculations, updated Standard Details and MCC's standard details for relevant designs on the drainage.

The is now based on the previous layout with a v shape channel in front of the planter on Miller street. It also connects MCC's existing kerb outlet to ensure water escapes via a connected sewer as at present there is no connection.

With regards to the drainage I will complete all the application requirements for the S106 Part 1 therefore comments from UU are outstanding and may change the design.

Please can you review as soon as you can and advise if acceptable.

Thanks

Rich

Richard Bartlett Principal Civil Engineer
Curtins
T. 0161 236 2394 | richard.bartlett@curtins.com

From: Anthony Hagan <anthony.hagan@manchester.gov.uk>
Sent: 12 January 2023 11:29
To: Richard Bartlett <Richard.Bartlett@curtins.com>
Cc: Jon Grafton <J.Grafton@Gardiner.com>
Subject: Re: NOMA Plot P revised S278 dwgs

Hi Rich,

I confirm that the proposed arrangements have been approved (see attached signed Addendum Report).

I would be grateful if your standard detail through the Trief kerbing could be amended to show the drainage holes that are to be cored through.

Regards,

Tony

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From: Richard Bartlett <Richard.Bartlett@curtins.com>
Sent: 10 January 2023 15:41
To: Anthony Hagan <anthony.hagan@manchester.gov.uk>
Cc: Jon Grafton <J.Grafton@Gardiner.com>
Subject: RE: NOMA Plot P revised S278 dwgs

Cheers Tony. I'll drop Trevor a line.

Thanks

Rich

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From: Anthony Hagan <anthony.hagan@manchester.gov.uk>
Sent: 10 January 2023 15:03
To: Richard Bartlett <Richard.Bartlett@curtins.com>

Cc: Jon Grafton <J.Grafton@Gardiner.com>

Subject: Re: NOMA Plot P revised S278 dwgs

Hi Rich,

Very thorough and I shall incorporate the text for Miller Street and Corporation Street into my Addendum Report and come back to with any queries it raises.

Regarding the street lighting design I suggest that you liaise directly with Trevor Powell (trevor.powell@manchester.gov.uk) and your contact at Amey to confirm approval.

Regards,

Tony

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From: Richard Bartlett <Richard.Bartlett@curtins.com>

Sent: 10 January 2023 14:41

To: Anthony Hagan <anthony.hagan@manchester.gov.uk>

Cc: Jon Grafton <J.Grafton@Gardiner.com>

Subject: RE: NOMA Plot P revised S278 dwgs

Hi Tony,

Following on from our meeting please find attached the revised dwgs to accommodate the required changes.

Below is a summary of what has changed and the reasonings behind it. If you need anymore information please let me know.

The original design had the surface water falling away from the proposed building over the footway and draining into the existing drainage system. Due to levels constraints set by the FFL of the building and the gradient of Miller St this strategy was not possible to achieve.

Miller Street

- On the eastern corner near the colonnade the bollards have been removed and replaced with crash barriers in the form of granite benches. Details of these will be supplied by the landscape architect.
- The proposal is to drain the eastern corner of Miller St to a dished channel which connects to a gully and then discharges into the existing UU system. The contractor is currently applying for the S106.
- The planter at the front of the building will be designed so it sits on stilts on the proposed footway. This will allow water to flow from the proposed building underneath the planter and into the existing system. The planter will be maintained by the building management company. Details of the planter are to be confirmed by the landscape architect.

- At the corner of Miller St and Corporation St a vehicle restraint kerb and guard rail is proposed to help protect the building and pedestrians from vehicles overrunning onto the footway. The details are shown on the standard detail dwgs attached of the restraint detail. Bespoke core holes through this detail are required on Corporation St to ensure water discharges via the holes and into the existing system. This system is based on the system already in place on the bridge over the railway on Trinity St.
- A dished channel is proposed to run from the edge of the planter on Miller St and connect to one of the core holes ensuring water discharges into the existing system.

Corporation St

- In this area we are constrained by the channel levels on the current carriageway and the existing substation levels and internal service yard levels.
- At the access and exit to the service yard 2 number gullies are proposed to collect the water as it drains towards the highway boundary. These gullies will connect into the existing tails from the existing gullies as identified on the dwg. The contractor is to trace these connections and connect into them.
- Levels outside the substation fall towards the proposed dished channel which falls towards the carriageway on Corporation St and discharges into the existing kerb drains.

Additional points to note:

Street lighting has been designed by MCC. This needs to be checked that the proposed design is still suitable which it should be but it would be worth double checking as its been a while since it's been done.

TFGM have undertaken the design for the crossing.

If you need anymore information please let me know.

Thanks

Rich

Richard Bartlett Principal Civil Engineer

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T. 0161 236 2394 | richard.bartlett@curtins.com

From: Anthony Hagan <anthony.hagan@manchester.gov.uk>

Sent: 03 January 2023 12:24

To: Richard Bartlett <Richard.Bartlett@curtins.com>

Cc: Jon Grafton <J.Grafton@Gardiner.com>

Subject: Re: NOMA Plot P revised S278 dwgs

Hi Rich,

Thanks.

Happy to have a Teams meeting at 10:00, or 2:00, tomorrow if you send an invite through.

Regards,

Tony

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From: Richard Bartlett <Richard.Bartlett@curtins.com>
Sent: 03 January 2023 12:20
To: Anthony Hagan <anthony.hagan@manchester.gov.uk>
Cc: Jon Grafton <J.Grafton@Gardiner.com>
Subject: NOMA Plot P revised S278 dwgs

Hi Tony,

Please find attached updated S278 dwgs for the above scheme. Would you be available for a Teams call tomorrow to go through the changes and some queries I have re the drainage up near the substation.

Can you advise if you are happy with the kerb detail so I can let the contractor know as he is looking to source the materials. The design is based on the current layout on the bridge on Trinity Way.

We are still trying to sort the levels at the front of the building so these will follow once I have the info from site.

Thanks

Rich

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