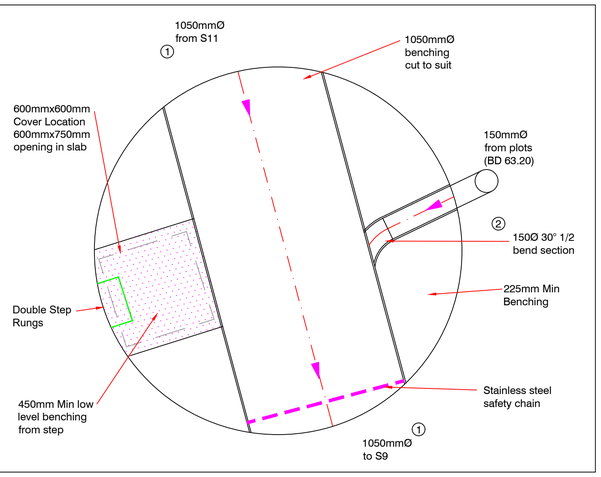
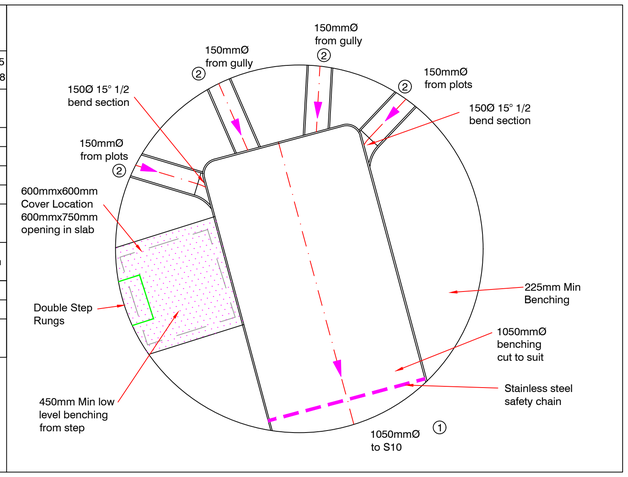
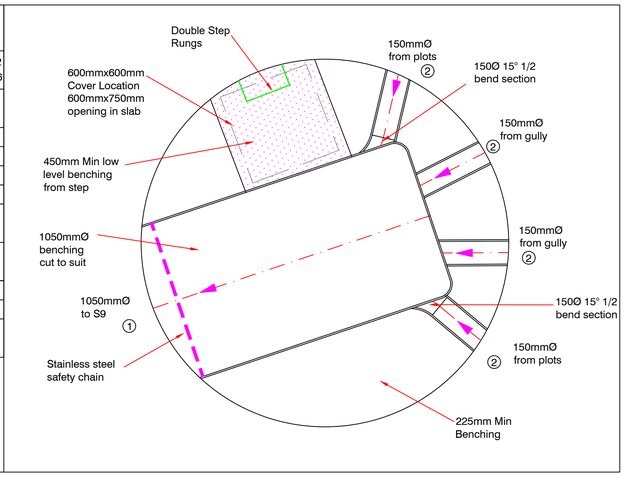
| Manhole No. | S10 |
|---|---|
| Coordinates | E 388448.294<br>N 395101.652 |
| Cover Level | 64.512 |
| Inverts | 1 61.428<br>2 62.328 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2400 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 3.084 |
| MH Depth C.L. / Soffit of Outlet Pipe | 2.034 |



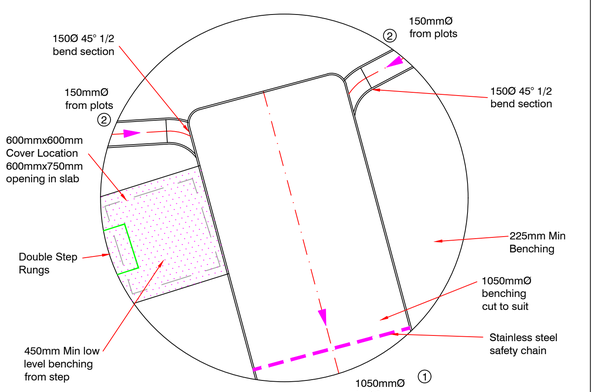

| Manhole No. | S11 |
|---|---|
| Coordinates | E 388442.575<br>N 395127.898 |
| Cover Level | 64.236 |
| Inverts | 1 61.495<br>2 62.395 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2400 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.741 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.691 |



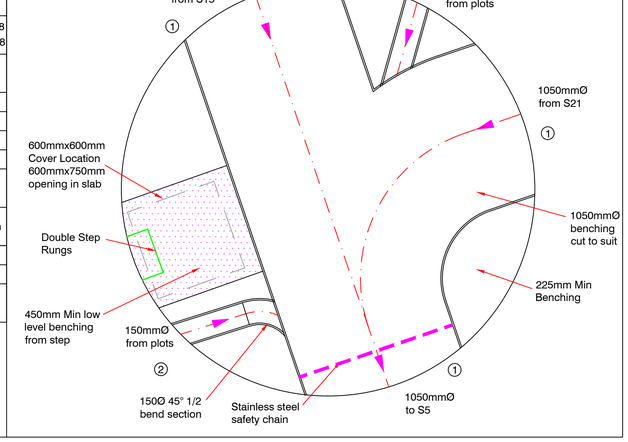

| Manhole No. | S12 |
|---|---|
| Coordinates | E 388501.672<br>N 395077.116 |
| Cover Level | 64.165 |
| Inverts | 1 61.448<br>2 62.348 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2400 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.717 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.667 |



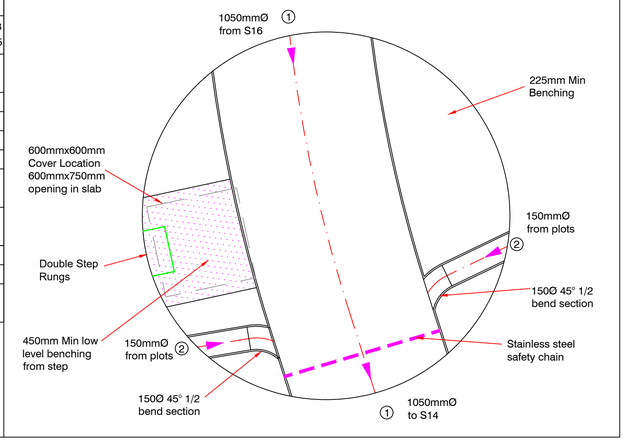

| Manhole No. | S13 |
|---|---|
| Coordinates | E 388389.567<br>N 394961.521 |
| Cover Level | 63.671 |
| Inverts | 1 60.905<br>2 61.805 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2400 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.766 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.716 |



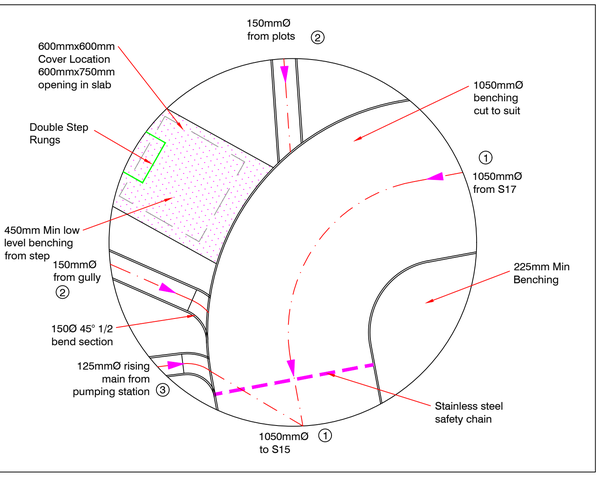

| Manhole No. | S14 |
|---|---|
| Coordinates | E 388299.608<br>N 394966.648 |
| Cover Level | 63.590 |
| Inverts | 1 60.776<br>2 61.676 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2700 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.814 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.764 |



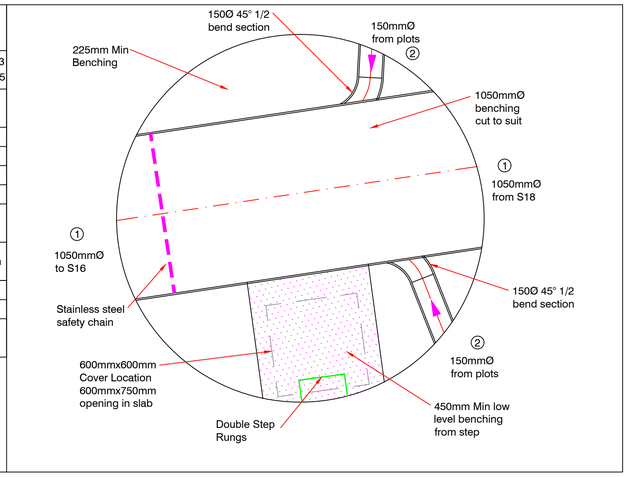

| Manhole No. | S15 |
|---|---|
| Coordinates | E 388284.518<br>N 395014.195 |
| Cover Level | 63.462 |
| Inverts | 1 60.901<br>2 61.801 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2400 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.561 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.511 |



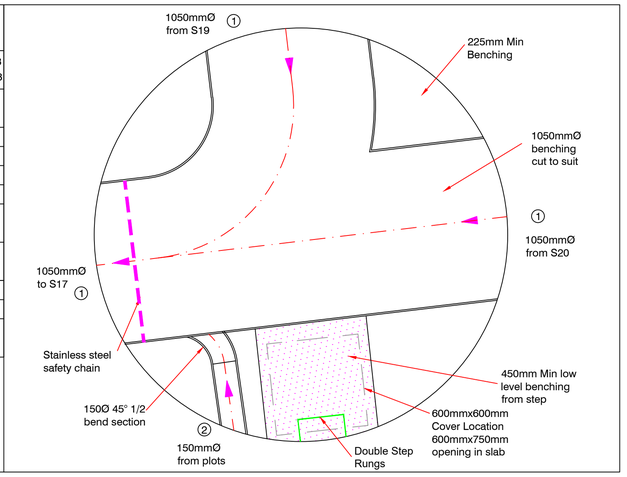

| Manhole No. | S16 |
|---|---|
| Coordinates | E 388278.356<br>N 395074.636 |
| Cover Level | 63.460 |
| Inverts | 1 61.053<br>2 61.953<br>3 61.978 |
| Pipe Diameters | 1 1050<br>2 150<br>3 125 |
| Manhole Size | 2400 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.407 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.357 |




| Manhole No. | S17 |
|---|---|
| Coordinates | E 388300.653<br>N 395077.215 |
| Cover Level | 63.601 |
| Inverts | 1 61.109<br>2 62.009 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2400 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.492 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.442 |




| Manhole No. | S18 |
|---|---|
| Coordinates | E 388363.253<br>N 395083.938 |
| Cover Level | 63.480 |
| Inverts | 1 61.266<br>2 62.166 |
| Pipe Diameters | 1 1050<br>2 150 |
| Manhole Size | 2700 |
| Cover | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type | Storage |
| MH Depth | 2.214 |
| MH Depth C.L. / Soffit of Outlet Pipe | 1.164 |




## NOTES

1. All adoptable sewer works and materials to be in accordance with "Design and Construction Guidance", Code for Adoption, the relevant British/European standards.
2. Double Step Rungs shall be used at 300mm Centres. Manholes over 3m deep will require Ladder (contractor to confirm depth / ladder or steps rungs prior to installation and any discrepancies reported back to engineer). 675mm maximum to first step rung / ladder rung from cover level.
3. Manholes shall be to Figure B5 (Type A1), Figure B10 (Type B) or Figure B15 (Type C). Refer to Design & Construction Guidance for details.
4. Ladders, Safety chains and Handrailing shall be to E2.37. E2.35 and E2.36 of the Design & Construction Guidance.
5. Back-drops shall be to Figure B17 of the Design & Construction Guidance.
6. Pipe Bedding & Concrete Protection to Pipes (where required) shall be to E5.2 and E5.3 of the Design & Construction Guidance.
7. Co-ordinates are to the Pipe centre-line, not the centre of Manhole.
8. 150mm min concrete surround required for all adopted Manholes.
9. Rocker pipes shall be provided in accordance with E6.6 and Table E13 of the Design & Construction Guidances.
10. The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb face and service margins
11. Plastic channel sections in manholes are not acceptable and clay ware is to be used if required.
12. The undertaker is not obliged to accept filter drain/land drainage runoff into the adoptable sewer network.

| Rev | Date | Initials | Details |
|---|---|---|---|
| B | 05/03/25 | DA | Notes updated. |
| A | 11/04/24 | DA | Amended to suit latest layout |

Drawing Revisions

North Point .

Quality Ass.

UKAS 005
Quality
Assurance
ISO 9001:2008
SGS Certificate
GB02/54539

Project
Mount Road
Gorton

Client
Kellen Homes

Title
Surface Water
Manhole Schedules
Sheet 2

PRELIMINARY

Original Size
A1

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Drawn DA
Checked By SAP
Date March 24
Scale 1:20


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Drawing No. 30571/5/2
Revision B