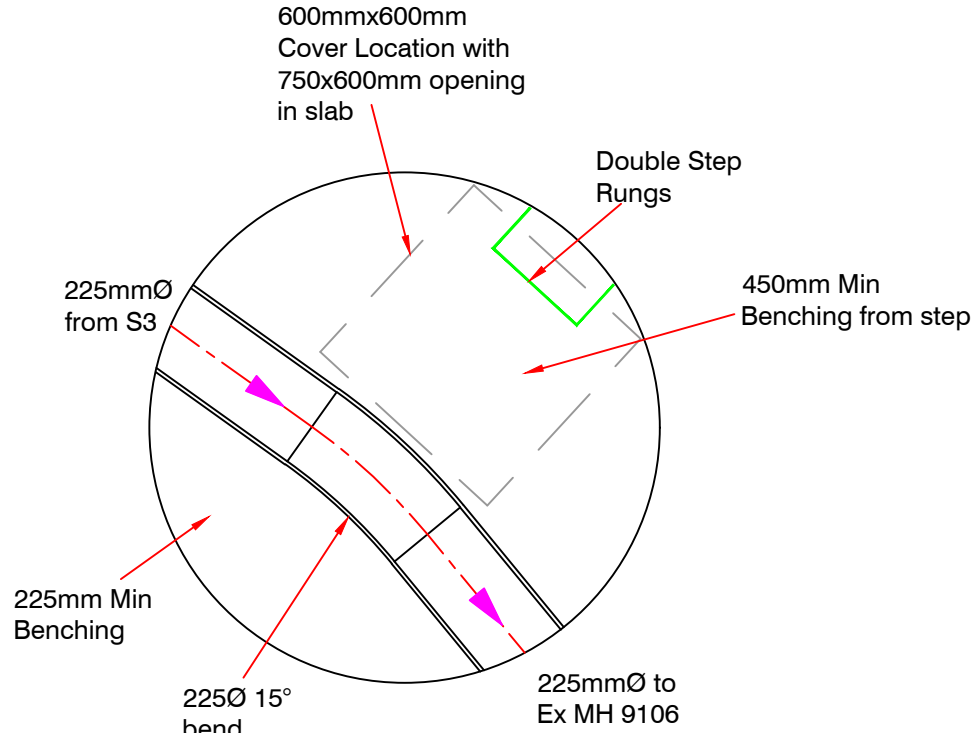
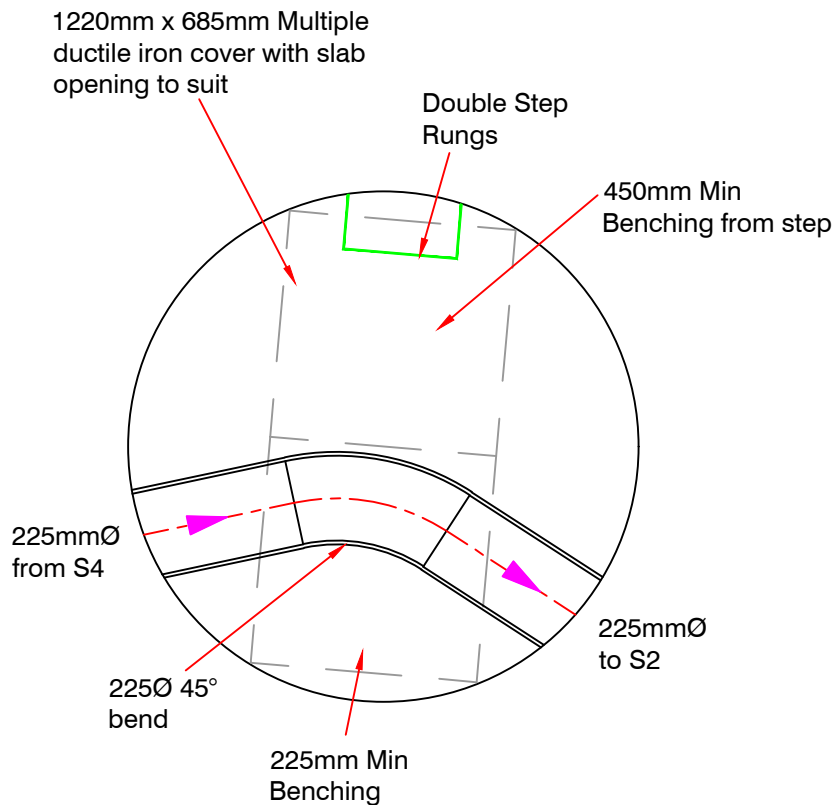


|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S2                                     |
| Coordinates                                 | E 341930.955<br>N 391138.711           |
| Cover Level                                 | 33.440                                 |
| Inverts                                     | 31.344                                 |
| Pipe Diameters                              | 225                                    |
| Manhole Size                                | 1350                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | B                                      |
| MH Depth                                    | 2.096                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 1.871                                  |



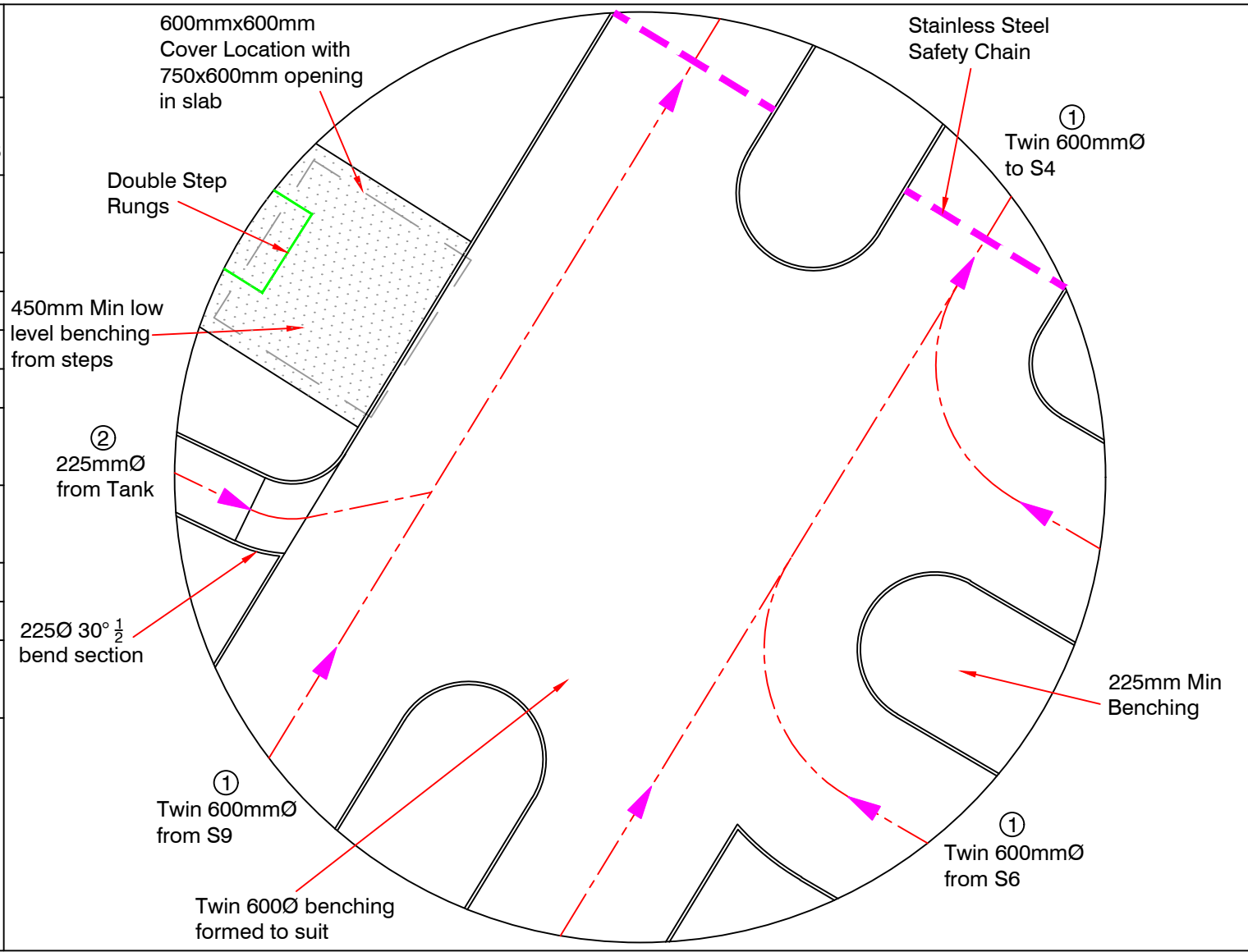
|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S3                                     |
| Coordinates                                 | E 341864.376<br>N 391180.803           |
| Cover Level                                 | 33.484                                 |
| Inverts                                     | 31.807                                 |
| Pipe Diameters                              | 225                                    |
| Manhole Size                                | 1350                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | C                                      |
| MH Depth                                    | 1.677                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 1.452                                  |



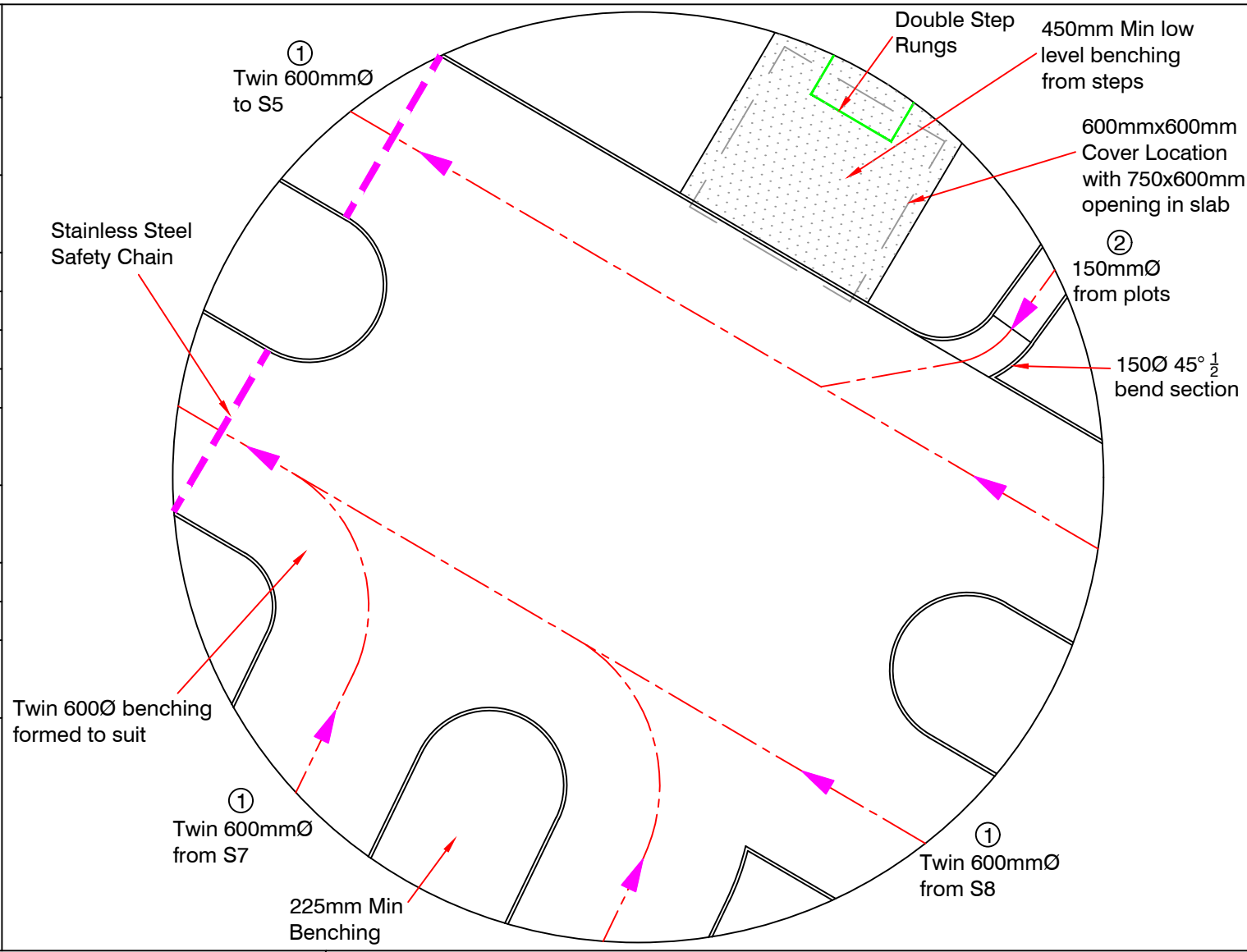
|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S4                                     |
| Coordinates                                 | E 341855.764<br>N 391178.971           |
| Cover Level                                 | 33.431                                 |
| Inverts                                     | 1 31.859<br>2 31.859<br>3 32.309       |
| Pipe Diameters                              | 1 2 x 600<br>2 225<br>3 150            |
| Manhole Size                                | 3000                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | Control MH                             |
| MH Depth                                    | 1.572                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 0.972                                  |

Control MH Refer  
to 30686/7 For  
Details

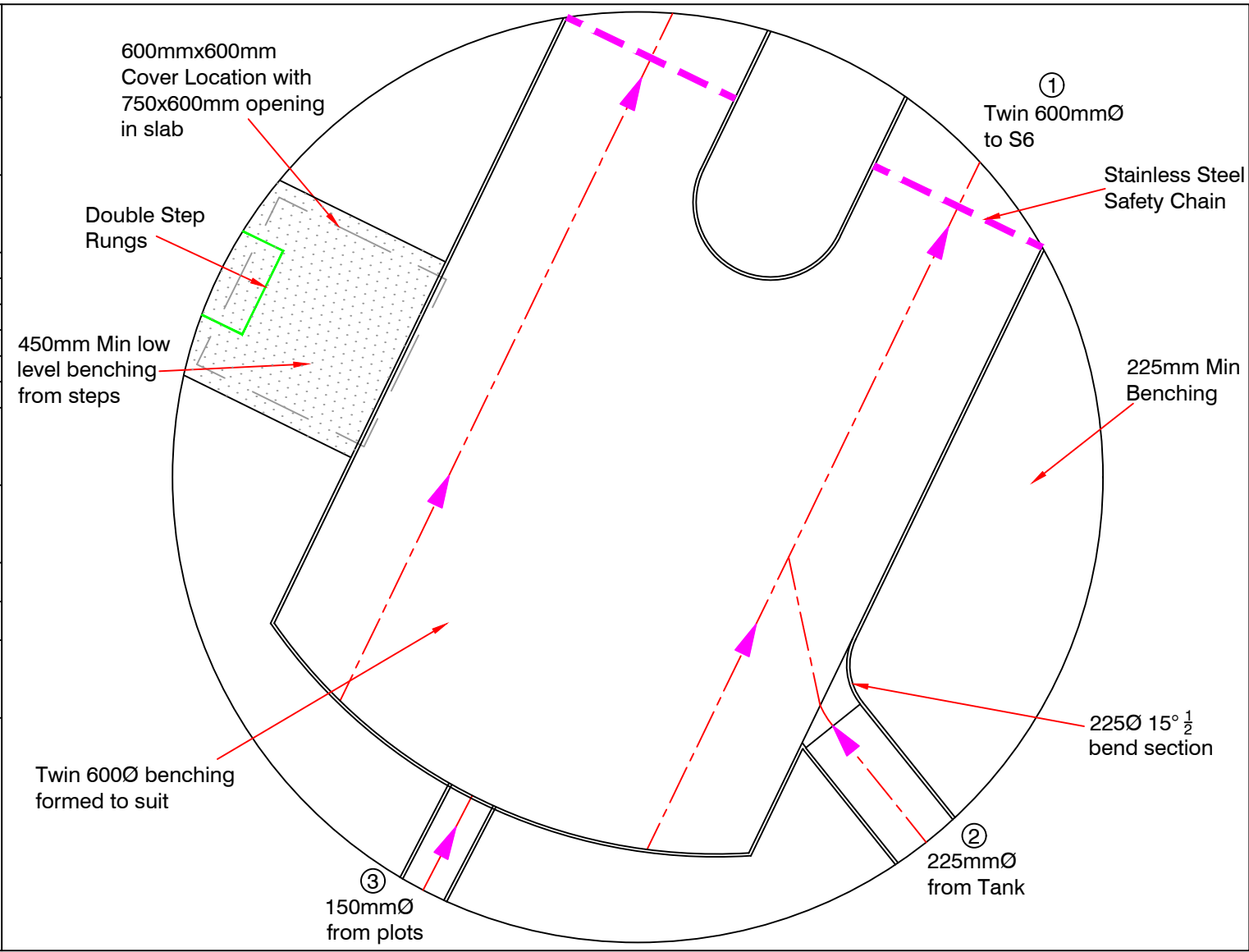
|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S5                                     |
| Coordinates                                 | E 341841.833<br>N 391156.018           |
| Cover Level                                 | 33.825                                 |
| Inverts                                     | 1 31.926<br>2 32.301                   |
| Pipe Diameters                              | 1 2 x 600<br>2 225                     |
| Manhole Size                                | 3000                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | Shallow MH                             |
| MH Depth                                    | 1.899                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 1.299                                  |



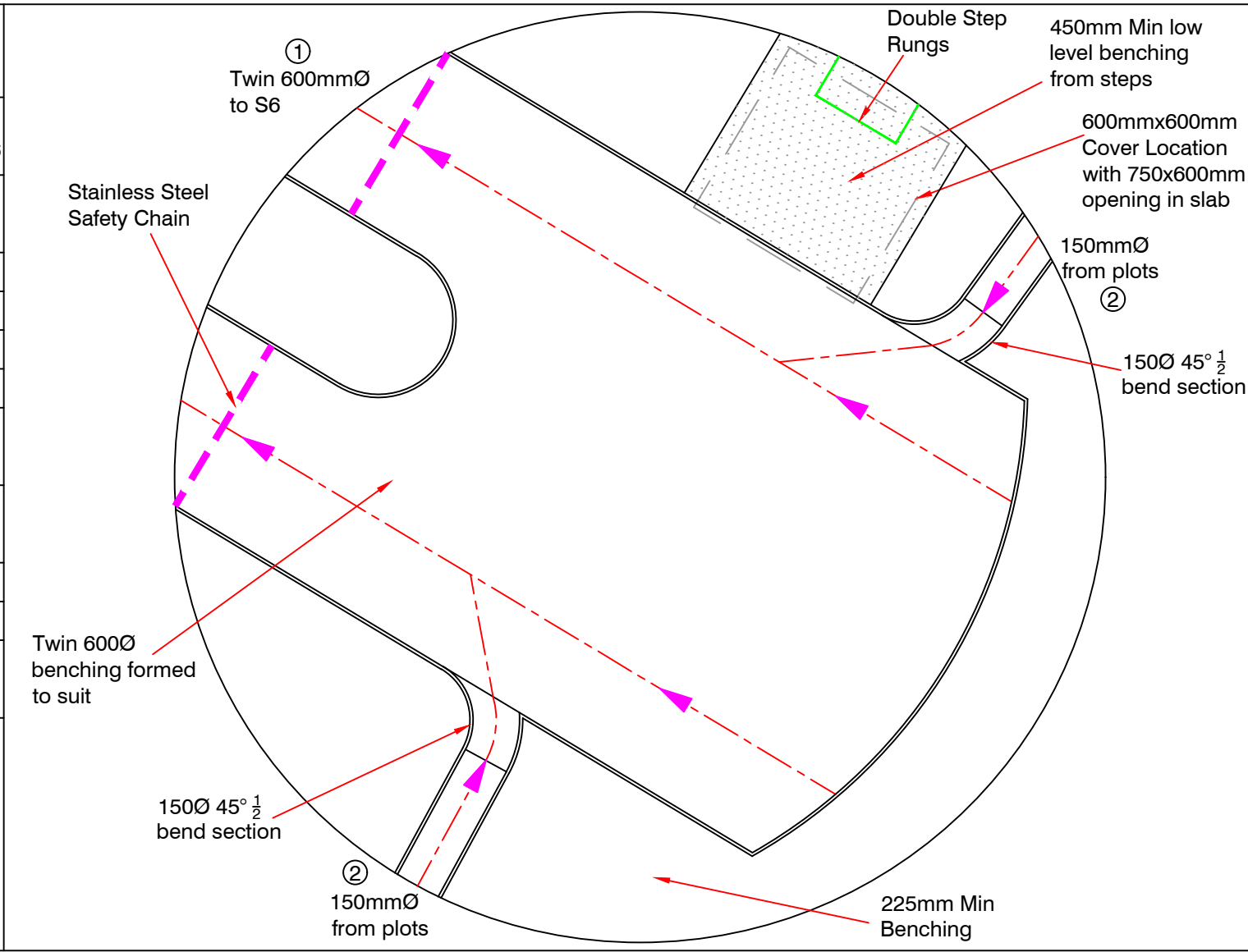
|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S6                                     |
| Coordinates                                 | E 341873.211<br>N 391137.652           |
| Cover Level                                 | 34.094                                 |
| Inverts                                     | 1 32.017<br>2 32.467                   |
| Pipe Diameters                              | 1 2 x 600<br>2 150                     |
| Manhole Size                                | 3000                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | Shallow MH                             |
| MH Depth                                    | 2.077                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 1.477                                  |



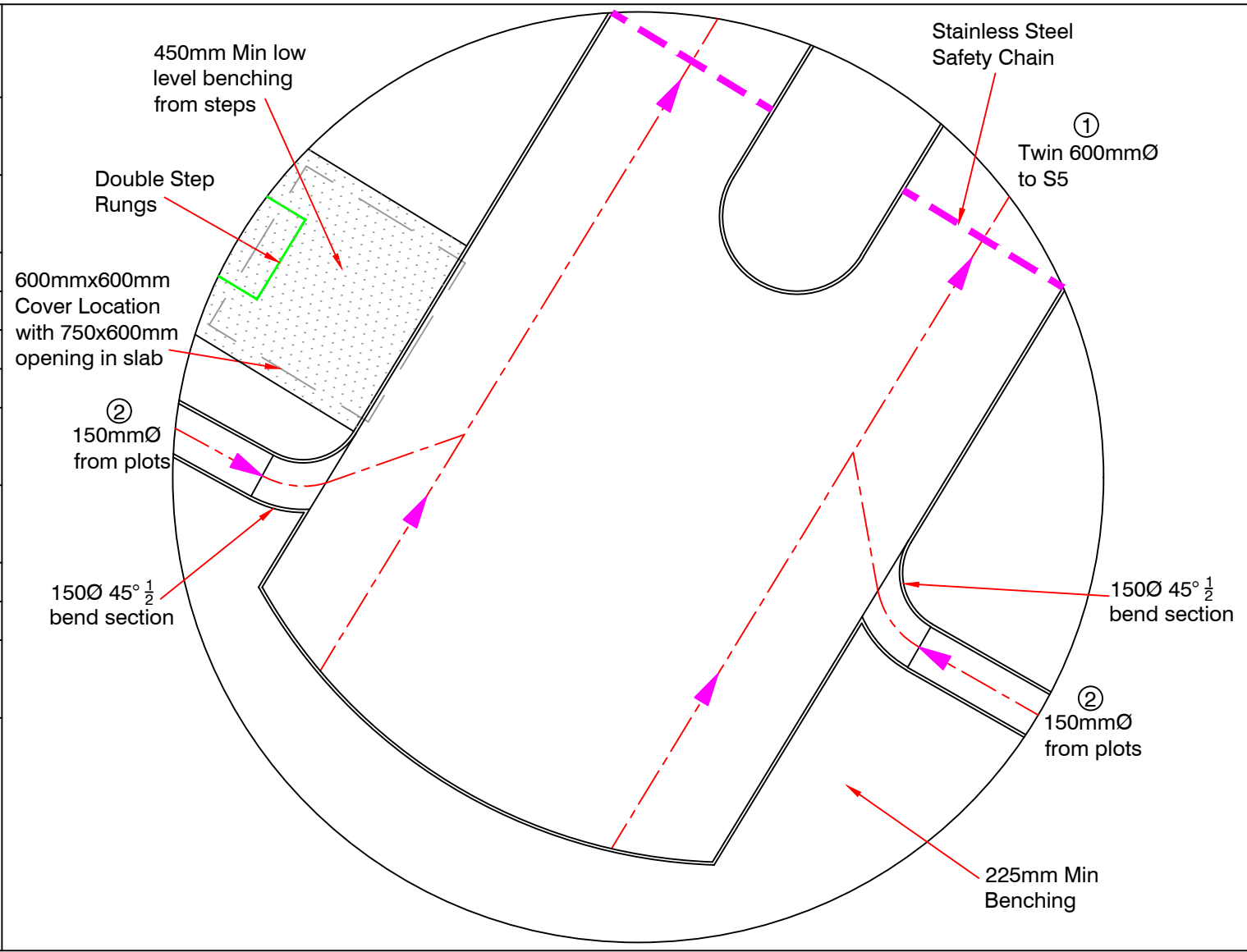
|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S7                                     |
| Coordinates                                 | E 341863.353<br>N 391119.014           |
| Cover Level                                 | 34.230                                 |
| Inverts                                     | 1 32.070<br>2 32.445<br>3 32.520       |
| Pipe Diameters                              | 1 2 x 600<br>2 225<br>3 150            |
| Manhole Size                                | 3000                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | Shallow MH                             |
| MH Depth                                    | 2.160                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 1.560                                  |



|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S8                                     |
| Coordinates                                 | E 341893.462<br>N 391125.466           |
| Cover Level                                 | 34.131                                 |
| Inverts                                     | 1 32.076<br>2 32.526                   |
| Pipe Diameters                              | 1 2 x 600<br>2 150                     |
| Manhole Size                                | 3000                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | Shallow MH                             |
| MH Depth                                    | 2.055                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 1.455                                  |



|                                             |                                        |
|---------------------------------------------|----------------------------------------|
| Manhole No.                                 | S9                                     |
| Coordinates                                 | E 341817.679<br>N 391116.409           |
| Cover Level                                 | 33.826                                 |
| Inverts                                     | 1 32.042<br>2 32.492                   |
| Pipe Diameters                              | 1 2 x 600<br>2 150                     |
| Manhole Size                                | 3000                                   |
| Cover                                       | BS EN 124<br>150mm depth<br>Class D400 |
| MH Type                                     | Shallow MH                             |
| MH Depth                                    | 1.784                                  |
| MH Depth<br>C.L. / Soffit<br>of Outlet Pipe | 1.184                                  |



#### NOTES

- All works shall be in accordance with Sewerage Sector Guidance and the Design & Construction Guidance.
- 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.
- Manholes shall be to Figure B5 (Type A1), Figure B10 (Type B) or Figure B15 (Type C). Refer to Design & Construction Guidance for details.
- Ladders, Safety chains and Handrailing shall be to E2.37. E2.35 and E2.36 of the Design & Construction Guidance.

- Back-drops shall be to Figure B17 of the Design & Construction Guidance.
- Pipe Bedding & Concrete Protection to Pipes (where required) shall be to E5.2 and E5.3 of the Design & Construction Guidance.
- Co-ordinates are to the Pipe centre-line, not the centre of Manhole.
- 150mm min concrete surround required for all adopted Manholes.
- Rocker pipes shall be provided in accordance with E6.6 and Table E13 of the Design & Construction Guidances.
- All lateral connection will be made at soffit level to the main channel

|     |          |          |                                            |
|-----|----------|----------|--------------------------------------------|
| A   | 22/12/25 | BK       | S7 amended to suit latest Drainage Layout. |
| Rev | Date     | Initials | Details                                    |

#### Drawing Revisions

|                                                                                                                             |                                             |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| North Point<br>↑                                                                                                            | Project<br>Pilch Lane,<br>Liverpool         |
| Quality Ass.<br>UKAS 005<br>Quality<br>Assurance<br>ISO 9001:2015<br>SGS Certificate<br>GB02/54539                          | Client<br>Breck Homes                       |
| Original Size<br>A1                                                                                                         | Title<br>Surface Water Manhole<br>Schedules |
| Copyright, Act/No/Assignment<br>Ordnance Survey ©<br>© Crown Copyright.<br>All rights reserved.<br>Licence No. AL100017966. | Drawn<br>BK<br>Date<br>21/11/25             |
| Checked By<br>RDE<br>Scale<br>1:20                                                                                          | Drawing No.<br>30686/5                      |

|                                                                                                       |                                                                                                                 |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| IronsideFarrar<br>Environmental Planners<br>Civil Engineers<br>Landscape Architects<br>Graphic Design | 3 Worsley Court<br>MANCHESTER M28 3NJ<br>Tel. 0161 703 8801 Fax. 0161 703 8279<br>manchester@ironsidefarrar.com |
| EDINBURGH                                                                                             | GLASGOW                                                                                                         |
| Drawing No.<br>30686/5                                                                                | Revision<br>A                                                                                                   |