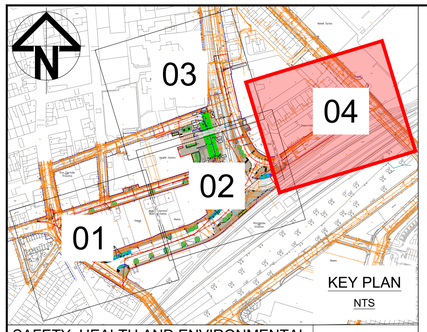


KEY PLAN
NTS

KEYS:

- HIGHWAY BOUNDARY
- UNITED UTILITIES COMBINED SEWERS
- EXISTING GULLY CONNECTION IDENTIFIED FROM GPR SURVEY (SEE NOTE 5)
- ASSUMED EXISTING GULLY CONNECTION
- PROPOSED OUTLET CONNECTION 150mmØ
- EXISTING GULLY CONNECTION TO BE REMOVED
- 1.000 PROPOSED 150mmØ PERFORATED PIPE
- PROPOSED SHALLOW COLLECTOR PIPE
- PROPOSED FOOTWAY DRAINAGE CHANNEL
- CKD EXISTING COMBINED KERB DRAINAGE TO BE REMOVED
- SW EXISTING SURFACE WATER SEWER IDENTIFIED FROM GPR SURVEY
- SW EXISTING SURFACE WATER SEWER TO BE REMOVED
- LDC PROPOSED LINEAR DRAINAGE CHANNEL
- LDC EXISTING LINEAR DRAINAGE CHANNEL
- UTILITIES FROM GPR SURVEY

- G01 EXISTING GULLY TO BE RETAINED
- G01 DRAINAGE GULLY GRATING, FRAME AND POT TO BE REMOVED AND CONNECTION RETAINED
- FG01 EXISTING FOOTWAY GULLY TO BE RETAINED
- KG01 DRAINAGE KERB GULLY GRATING, FRAME AND POT TO BE REMOVED AND CONNECTION RETAINED
- NG01 PROPOSED 450mm DIA X 900mm DEEP PREFORMED TRAPPED GULLY POT WITH 450X450X100mm CLASS D400 CYCLE FRIENDLY GULLY GRATING AND FRAME
- FG01 PROPOSED 300mm DIA X 600mm DEEP FOOTWAY GULLY WITH 300X300X100mm CLASS C250 PEDESTRIAN FRIENDLY GRATING AND FRAME
- FG01 REPLACE EXISTING FOOTWAY GULLY GRATING AND FRAME WITH NEW 300X300X100mm CLASS C250 PEDESTRIAN FRIENDLY GULLY GRATING AND FRAME
- SK01 PROPOSED SOAKAWAY
- RE01 PROPOSED SEALED OVAL RODDING EYE WITH 45° 150mm DIAMETER PVCu PERFORATED PIPE
- PROPOSED KERB WEIR & GRAVEL REINFORCEMENT GRID BOLTED TO QUADRANT INLET

- CP01 PROPOSED OVERFLOW CHAMBER
- PROPOSED ORIFICE
- MH EXISTING MANHOLE
- MH EXISTING MANHOLE TO BE ABANDONED
- PROPOSED DRAINAGE LAYER
- PROPOSED RESIN BONDED STONE OVERLAY
- PROPOSED LANDSCAPE
- PROPOSED RAISED PLANTER
- ROOTSPACE UNITS/SILVA CELLS OR SIMILAR EQUIVALENT
- PROPOSED TREE

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

REFER TO DESIGN RISK REGISTER 30220231-ARC-HGN-ZZ-LS-HE-10001

MAINTENANCE/CLEANING

NONE

DECOMMISSIONING/DEMOLITION

NONE

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

FOR CONTINUATION SEE 30220231-ARC-HDG-ZZ-DR-HE-10002

RICHARD STREET
STATION ROAD
Deen House
Station
TAXIS
RSS-27 RSS-28
RSS-05 RSS-06
G28 G29 NG27 G27
90
30

0 5 10 20
SCALE 1:200 (A1)
SCALE 1:400 (A3)
METRES

NOTES:

1. THIS DRAWING TO BE READ IN CONJUCTION WITH ALL THE DRAWINGS,SCHEDULES AND SPECIFICATIONS LISTED ON THE DRAWING REGISTER 30220231-ARC-HGN-ZZ-LS-HE-10002.
2. REFER 30220231-ARC-HDG-ZZ-DR-HE-10006, 30220231-ARC-HDG-ZZ-DR-HE-10007, 30220231-ARC-HDG-ZZ-DR-HE-10008, 30220231-ARC-HDG-ZZ-DR-HE-10009, 30220231-ARC-HDG-ZZ-DR-HE-10010 & 30220231-ARC-HDG-ZZ-DR-HE-10011 FOR DRAINAGE DETAILS AND 30220231-ARC-HDG-ZZ-SCH-HE-00001, 30220231-ARC-HDG-ZZ-SCH-HE-00002 & 30220231-ARC-HDG-ZZ-SCH-HE-00003 FOR DRAINAGE SCHEDULES.
3. DO NOT SCALE FROM THIS DRAWING.
4. ALL DIMENSIONS ARE IN MILLIMETERS & ALL LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
5. ALL EXISTING GULLY CONNECTIONS TO BE CLEANED AND CLEARED OF OBSTRUCTIONS PRIOR TO REUSE. IF CONNECTION IS DAMAGED BEYOND REPAIR THEN NEW CONNECTION TO BE PROVIDED.
6. ALL NEW GULLIES GRATES/LINING AND FRAMES TO BE CYCLE FRIENDLY AND CLASS D400 FOR CARRIAGE WAY AND C250 FOR FOOTWAY GULLIES.
7. PROPOSED NEW GULLIES ARE TO BE CONNECTED TO EXISTING GULLY OUTLETS BY MEANS OF A 'Y' JUNCTION AND NO SADDLE CONNECTION SHALL BE CONSTRUCTED.
8. ALL DRAINAGE PIPES ARE TO A MINIMUM OF 150mm DIAMETER AND A MAXIMUM BEND OF 45 DEGREES FOR ANY CHANGE IN DIRECTION.IF CHANGE IN DIRECTION IS 90 DEGREE ,COMBINATIONS OF 2X45 DEGREE BENDS SHOULD BE USED. ALL CONNECTIONS ARE SHOWN INDICATIVELY.
9. LOCATIONS OF THE EXISTING DRAINAGE ARE SHOWN BASED ON THE GPR SURVEYS. ASSUMPTIONS HAVE BEEN MADE WHEN SURVEY ARE INCONSISTENT OR NON CONCLUSIVE. PRIOR TO CONSTRUCTION, THEREFORE THE CONTRACTOR MUST CONFIRM EXISTING TIE-IN INFORMATION AT ALL DRAINAGE CONNECTION POINTS.
10. NO CCTV INFORMATION AVAILABLE AT THE TIME OF PRODUCTION OF THIS DRAWING.

HEALTH AND SAFETY :

RSS-XX HEALTH AND SAFETY SYMBOL AND REFERENCE NUMBER TO BE READ IN CONJUCTION WITH THE DESIGN RISK REGISTER 30220231-ARC-HGN-ZZ-LS-HE-10001.

Rev	Date	Description	Prod.	Chk.	Rev.	App.
P01	01/08/25	FIRST ISSUE	PK	BS	RA	RA

ROCHDALE BOROUGH COUNCIL

Project:

Rochdale Station Square
- Detailed Design

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Manchester

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Drawing Title:

Rochdale Station Square
Drainage
Sheet 04 of 04

Designed: R.Asthana	Signed: Digitally Signed	Date: 01/08/25
Produced: P.K R	Signed: Digitally Signed	Date: 01/08/25
Checked: B.Singh	Signed: Digitally Signed	Date: 01/08/25
Reviewed: R.Asthana	Signed: Digitally Signed	Date: 01/08/25
Approved: R.Asthana	Signed: Digitally Signed	Date: 01/08/25

Design Stage: Detailed Design

Original Size: A1	Grid: OS	Datum: AOD
Status Code: S3	Scale: 1:200	Project Number: 30220231

Status Description: Suitable for Review and Comment

Security Classification:

Drawing Number: 30220231 - ARC - HDG - ZZ - DR - HE - 10004

Revision: P01

Print Date: 2025-08-01 17:07:17

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