Millimetres 100 0 10

MH1
C.L. 49.689
I.L. OUT 48.264

150mm @ 1:45

MH2
C.L. 49.506
I.L. IN 48.088
I.L. OUT 48.088

350 mm THK SUB BASE DEPTH AT THIS LOCATION

350 mm THK SUB BASE DEPTH AT THIS LOCATION

150mm @ 1:45

400 mm THK SUB BASE DEPTH AT THIS LOCATION

150mm @ 1:42

MH3
C.L. 49.019
I.L. IN 47.546
I.L. OUT 47.546

350 mm THK SUB BASE DEPTH AT THIS LOCATION

MH4
C.L. 49.051
I.L. IN 47.281
I.L. OUT 47.281

450 mm THK SUB BASE DEPTH AT THIS LOCATION

150mm @ 1:45

MH5
C.L. 49.074
I.L. IN 46.940
I.L. OUT 46.940

150mm @ 1:45

MH6
C.L. 48.947
I.L. IN 46.761
I.L. OUT 46.761

150mm @ 1:45

MH7
C.L. 48.620
I.L. IN 46.332
I.L. OUT 46.332

MH8
C.L. 48.986
I.L. IN 46.048
I.L. OUT 46.048

150mm @ 1:45

150mm @ 1:45

MH9
C.L. 47.881
I.L. IN 45.809
I.L. OUT 45.809

OUT

450 mm THK SUB BASE DEPTH AT THIS LOCATION

350 mm THK SUB BASE DEPTH AT THIS LOCATION

150mm @ 1:45

150mm @ 1:47

MH10
C.L. 47.281
I.L. IN 45.500
I.L. OUT 45.500

225mm @ 1:20

MH11
C.L. 46.573
I.L. IN 44.783
I.L. OUT 44.783

225mm @ 1:20

MH12
C.L. 45.981
I.L. IN 44.082
I.L. OUT 44.082

300 mm THK SUB BASE DEPTH AT THIS LOCATION

MH18
C.L. 46.936
I.L. OUT 45.745

500 mm THK SUB BASE DEPTH AT THIS LOCATION

225mm @ 1:20

MH13
C.L. 45.332
I.L. IN 43.344
I.L. OUT 43.344

225mm @ 1:45

MH14
C.L. 44.865
I.L. IN 43.001
I.L. OUT 43.001

350 mm THK SUB BASE DEPTH AT THIS LOCATION

425 mm THK SUB BASE DEPTH AT THIS LOCATION

225mm @ 1:45

MH15
C.L. 44.934
I.L. IN 42.746
I.L. OUT 42.746

225mm @ 1:45

MH16
C.L. 45.162
I.L. IN 42.238
I.L. OUT 42.238

150mm @ 1:45

EX TIE IN
C.L. 45.360
I.L. IN 42.142

500 mm THK SUB BASE DEPTH AT THIS LOCATION

VIEWPORT A
SCALE 1:250

350 mm THK SUB BASE DEPTH AT THIS LOCATION

400 mm THK SUB BASE DEPTH AT THIS LOCATION

450 mm THK SUB BASE DEPTH AT THIS LOCATION

VIEWPORT B
SCALE 1:250

SITE LOCATION PLAN
SCALE 1:1000

NOTES:

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT AND ENGINEER DRAWINGS & SPECIFICATION NOTES.

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY. ATKINSRÉALIS DRAWINGS ARE FOR CIVIL INFORMATION. FOR ALL SETTING OUT DIMENSIONS AND DETAILS REFER TO ARCHITECTS DRAWINGS.

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

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:
MAINTENANCE AND CLEANING

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:
DECOMMISSIONING AND DEMOLITION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

NOTES

1. DRAWING ONLY TO BE USED FOR THE PURPOSE FOR WHICH IT WAS CREATED.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED
3. ONLY DIMENSIONS SHOWN SHALL BE USED. DO NOT SCALE FOR CONSTRUCTION PURPOSES. DIMENSIONS SHOULD NOT BE TAKEN ELECTRONICALLY.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS
5. SAFETY AND HEALTH INFORMATION TO BE READ IN CONJUNCTION WITH PRE-CONSTRUCTION INFORMATION.
6. ALL MATERIALS AND WORKMANSHIP TO COMPLY WITH THE CURRENT BRITISH STANDARDS AND CODES OF PRACTICE.
7. IT IS UNKNOWN WHETHER EXISTING DRAINAGE WILL BE REMOVED OR GRUBBED UP FURTHER INVESTIGATION TO BE CARRIED OUT IN RIBA STAGE 3
8. ALL ACCESS COVERS WILL BE CLASS C250 & ALL COVERS WITHIN LANDSCAPED AREAS TO BE RECESSED CHAMBERS
9. ALL PROPOSALS ARE SUBJECT TO COORDINATION & DEVELOPMENT WITH LANDSCAPE ARCHITECTS IN RIBA STAGE 3
10. DRAINAGE LAYOUT SUBJECT TO CHANGE FOLLOWING DETAILED DRAINAGE MODELING AT RIBA STAGE 4
11. AN ALLOWANCE SHOULD BE MADE FOR FIELD DRAINS LOCATED BEHIND STRUCTURAL RETAINING WALLS AS SHOWN ON RETAINING WALL DETAILS

LEGEND

- RED LINE BOUNDARY
- PROPOSED SW PIPE
- PROPOSED SW INSPECTION CHAMBER
- PROPOSED SW MANHOLE
- PROPOSED PERMEABLE RESIN BOUND SURFACE
- PROPOSED PERMEABLE SURFACE (PLAY SURFACING & DECKING)
- PROPOSED FILTER DRAIN WITH PERFORATED PIPE
- PROPOSED DRAINAGE CHANNEL

Rev	Description	By	Chk'd	App'd	Date
P03	STAGE 3 ISSUE	CON	TT	CC	29/07/2024
P02	UPDATED STAGE 2 ISSUE	CON	TT	JF	15/03/2024
P01	RIBA 2 / CONCEPT ISSUE	CON	TT	JF	02/02/2024

Drawing Status: PLANNING
Suitability: S4

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Client: MANCHESTER CITY COUNCIL

Project Title: CENTRAL RETAIL PARK

Drawing Title: PROPOSED DRAINAGE LAYOUT

Scale	Designed	Drawn	Checked	Authorised
AS SHOWN	CON	CON	TT	CC
Original Size	Date	Date	Date	Date
A1	18/01/2024	31/01/2024	01/02/2024	01/02/2024

Drawing Number: 5224911-ATK-XX-DR-CE-711001
Revision: P03

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