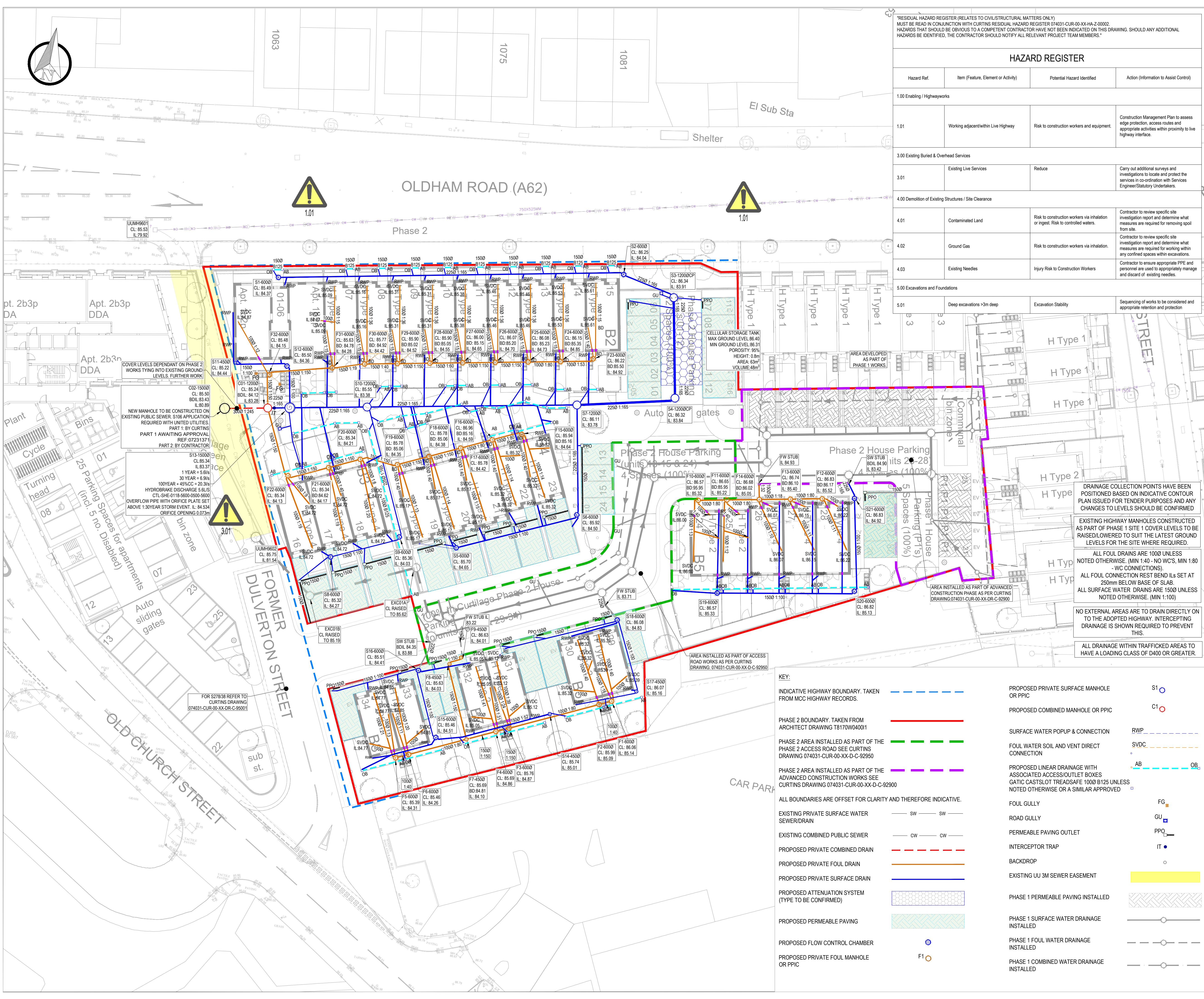




*RESIDUAL HAZARD REGISTER (RELATES TO CIVIL/STRUCTURAL MATTERS ONLY)
MUST BE READ IN CONJUNCTION WITH CURTINS RESIDUAL HAZARD REGISTER 074031-CUR-00-XX-HA-2-0002.
HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR HAVE NOT BEEN INDICATED ON THIS DRAWING. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED, THE CONTRACTOR SHOULD NOTIFY ALL RELEVANT PROJECT TEAM MEMBERS.

HAZARD REGISTER			
Hazard Ref.	Item (Feature, Element or Activity)	Potential Hazard Identified	Action (Information to Assist Control)
1.00 Enabling / Highwayworks			
1.01	Working adjacent/within Live Highway	Risk to construction workers and equipment.	Construction Management Plan to assess edge protection, access routes and appropriate activities within proximity to live highway interface.
3.00 Existing Buried & Overhead Services			
3.01	Existing Live Services	Reduce	Carry out additional surveys and investigations to locate and protect the services in co-ordination with Services Engineer/Statutory Undertakers.
4.00 Demolition of Existing Structures / Site Clearance			
4.01	Contaminated Land	Risk to construction workers via inhalation or ingest. Risk to controlled waters.	Contractor to review specific site investigation report and determine what measures are required for removing spoil from site.
4.02	Ground Gas	Risk to construction workers via inhalation.	Contractor to review specific site investigation report and determine what measures are required for working within any confined spaces within excavations.
4.03	Existing Needles	Injury Risk to Construction Workers	Contractor to ensure appropriate PPE and personnel are used to appropriately manage and discard of existing needles.
5.00 Excavations and Foundations			
5.01	Deep excavations >3m deep	Excavation Stability	Sequencing of works to be considered and appropriate retention and protection

- GENERAL NOTES:
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - DESIGN BASED ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY INFORMATION AVAILABLE AT THE TIME OF DESIGN.
 - DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
 - ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
 - FOR GENERAL NOTES REFER TO DRAWING 074031-CUR-00-XX-D-C-92620
- DRAWING BASED ON:
- TOPOGRAPHICAL SURVEY
- BY: SEP, SEP11190L, DATED NOVEMBER 2019.
 - BY: LAYER SURVEYS LTD 1631 DATED APRIL 2023
- CCTV SURVEY
- CCTV SURVEY BY: LAYER SURVEYS, LAY0243, DATED NOVEMBER 2019.
- UU RECORDS
- UUPS-ORD-122012, DATED 06.09.19.
- SITE LAYOUTS
- ARCHITECT SITE LAYOUT: T8170G0020T2 RECEIVED 24.04.02

DRAINAGE COLLECTION POINTS HAVE BEEN POSITIONED BASED ON INDICATIVE CONTOUR PLAN ISSUED FOR TENDER PURPOSES AND ANY CHANGES TO LEVELS SHOULD BE CONFIRMED

EXISTING HIGHWAY MANHOLES CONSTRUCTED AS PART OF PHASE 1 SITE 1 COVER LEVELS TO BE RAISED/LOWERED TO SUIT THE LATEST GROUND LEVELS FOR THE SITE WHERE REQUIRED.

ALL FOUL DRAINS ARE 1000 UNLESS NOTED OTHERWISE, (MIN 1:40 - NO WCS, MIN 1:80 - WC CONNECTIONS).

ALL FOUL CONNECTION REST BEND ILS SET AT 250mm BELOW BASE OF SLAB.

ALL SURFACE WATER DRAINS ARE 1500 UNLESS NOTED OTHERWISE, (MIN 1:100)

NO EXTERNAL AREAS ARE TO DRAIN DIRECTLY ON TO THE ADOPTED HIGHWAY. INTERCEPTING DRAINAGE IS SHOWN REQUIRED TO PREVENT THIS.

ALL DRAINAGE WITHIN TRAFFICKED AREAS TO HAVE A LOADING CLASS OF D400 OR GREATER.

KEY:		PROPOSED PRIVATE SURFACE MANHOLE OR PPIC	
INDICATIVE HIGHWAY BOUNDARY. TAKEN FROM MCC HIGHWAY RECORDS.	---	S1	○
PHASE 2 BOUNDARY. TAKEN FROM ARCHITECT DRAWING T8170W04001	---	C1	○
PHASE 2 AREA INSTALLED AS PART OF THE PHASE 2 ACCESS ROAD SEE CURTINS DRAWING 074031-CUR-00-XX-D-C-92950	---	RWP	---
PHASE 2 AREA INSTALLED AS PART OF THE ADVANCED CONSTRUCTION WORKS SEE CURTINS DRAWING 074031-CUR-00-XX-D-C-92900	---	SVDC	---
ALL BOUNDARIES ARE OFFSET FOR CLARITY AND THEREFORE INDICATIVE.	---	AB	---
EXISTING PRIVATE SURFACE WATER SEWER/DRAIN	SW	OB	---
EXISTING COMBINED PUBLIC SEWER	CW	FG	○
PROPOSED PRIVATE COMBINED DRAIN	---	GU	□
PROPOSED PRIVATE FOUL DRAIN	---	PPIC	---
PROPOSED PRIVATE SURFACE DRAIN	---	IT	○
PROPOSED ATTENUATION SYSTEM (TYPE TO BE CONFIRMED)	---	---	---
PROPOSED PERMEABLE PAVING	---	---	---
PROPOSED FLOW CONTROL CHAMBER	---	---	---
PROPOSED PRIVATE FOUL MANHOLE OR PPIC	F1	---	---
SURFACE WATER POPUP & CONNECTION		FOUL WATER SOIL AND VENT DIRECT CONNECTION	
PROPOSED LINEAR DRAINAGE WITH ASSOCIATED ACCESS/OUTLET BOXES GATIC CASTSLOT TREADSAFE 1000 B125 UNLESS NOTED OTHERWISE OR A SIMILAR APPROVED		FOUL GULLY	
ROAD GULLY		PERMEABLE PAVING OUTLET	
INTERCEPTOR TRAP		BACKDROP	
EXISTING UU 3M SEWER EASEMENT		PHASE 1 PERMEABLE PAVING INSTALLED	
PHASE 1 SURFACE WATER DRAINAGE INSTALLED		PHASE 1 FOUL WATER DRAINAGE INSTALLED	
PHASE 1 COMBINED WATER DRAINAGE INSTALLED			

C01 ISSUED FOR CONSTRUCTION03.04.25CS CG

P02 SURFACE WATER TANK DETAILS UPDATED05.08.24CS CG

P01 ISSUED FOR TENDER15.01.23CS CG

Rev:

Description:

Date:

By:

Chkd:

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Status:

Project:

Orig Title:

CONSTRUCTION ISSUE

OLDHAM ROAD, NEWTON HEATH

DRAINAGE LAYOUT
PHASE 2

Size:

Date:

Drawn By:

Designed By:

Checked By:

Scale: 1:250

Project No:

Originator:

Volume:

Level:

Type:

Role:

Category/Number:

Rev:

074031 - CUR - 00 - XX - D - C - 92610 - C01

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