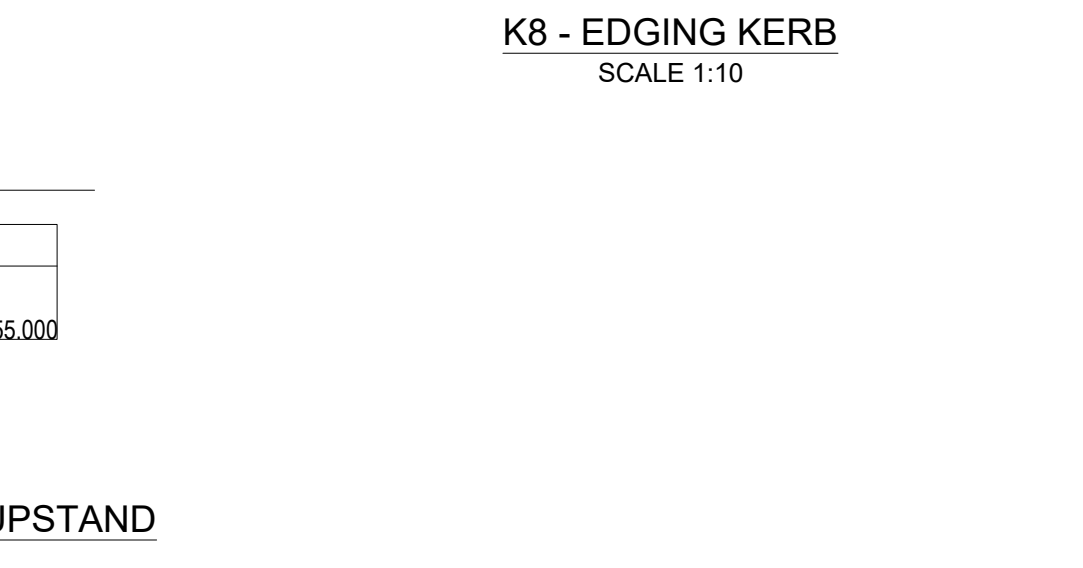
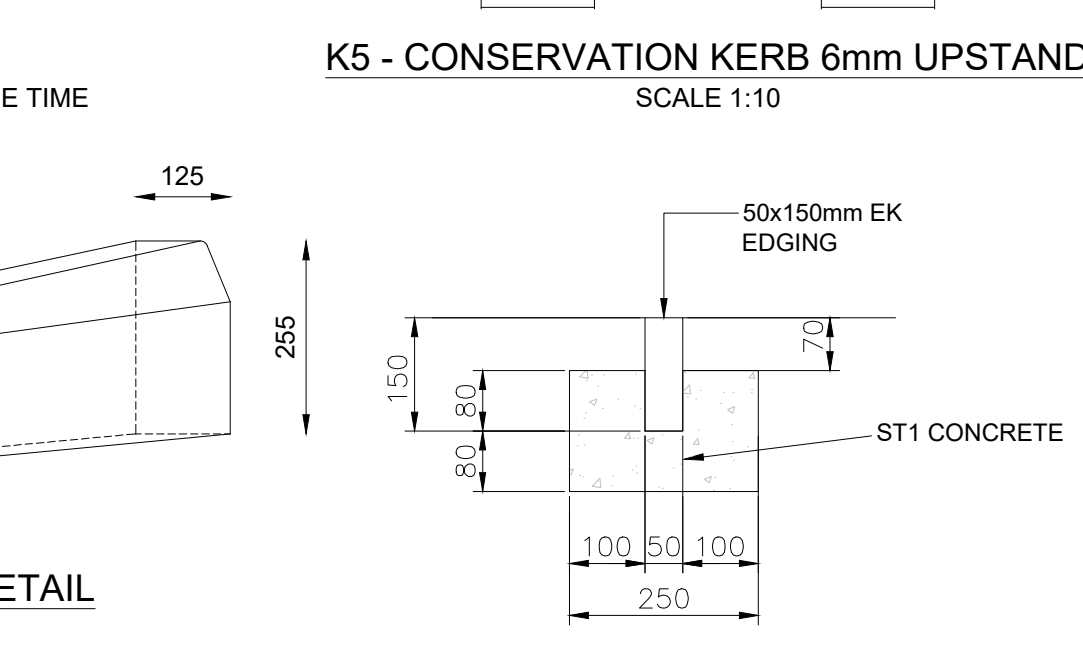
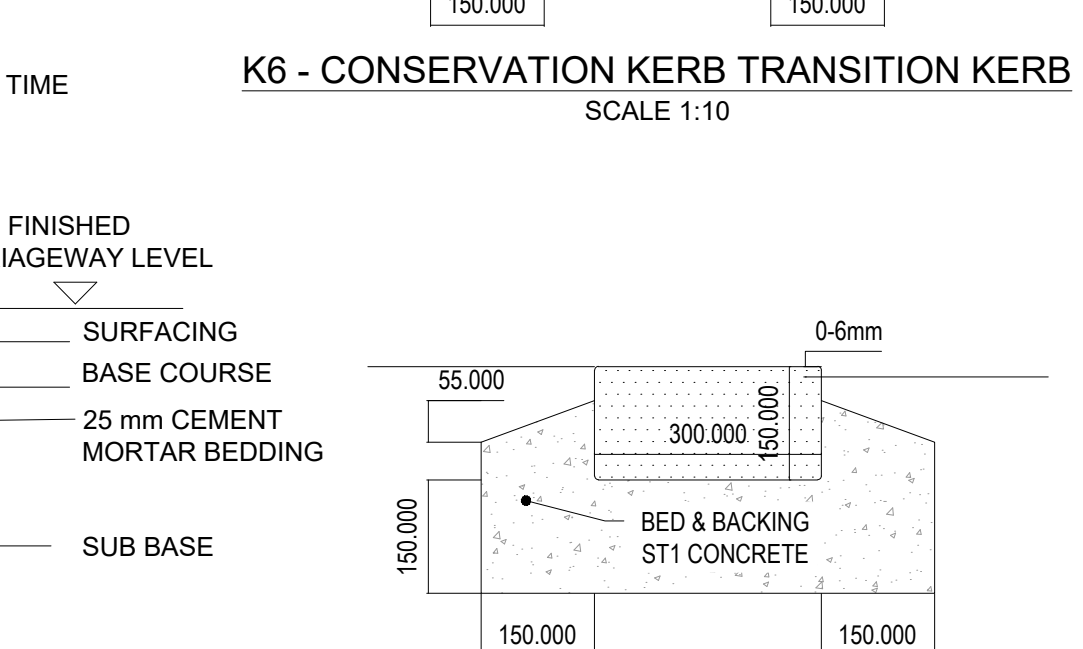
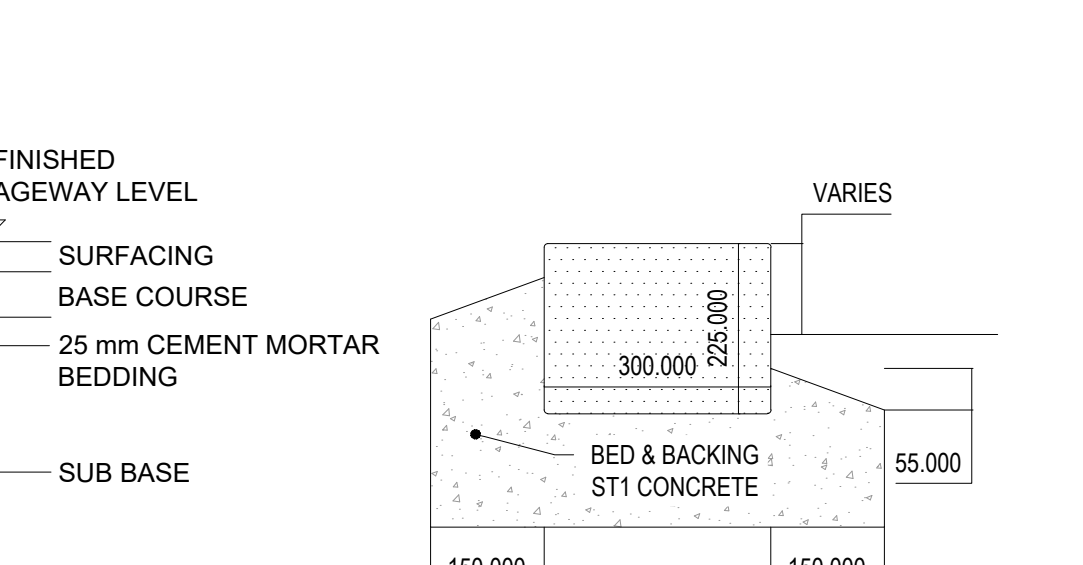
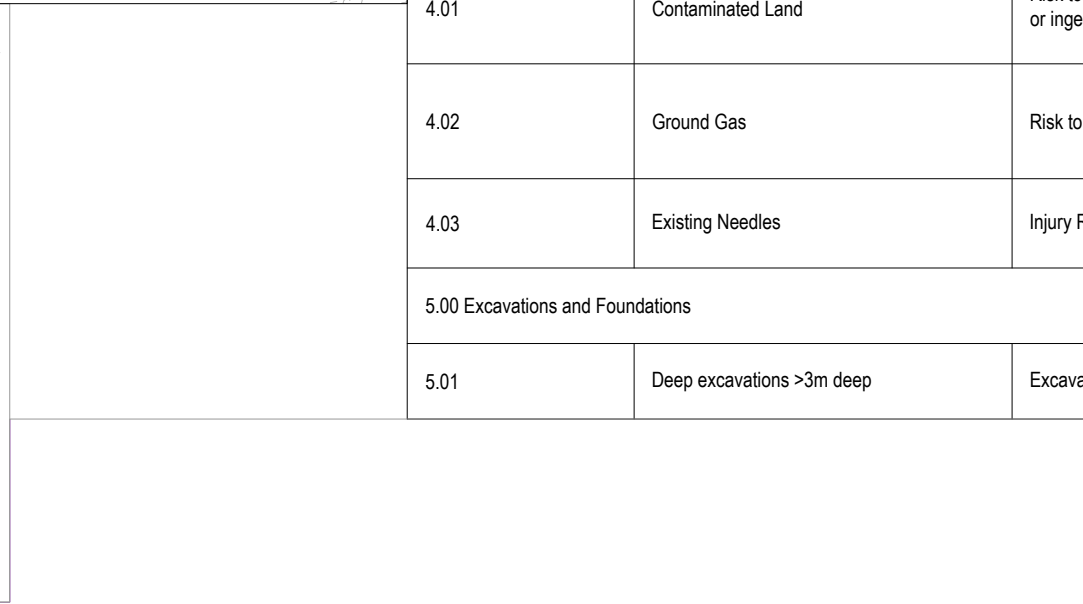
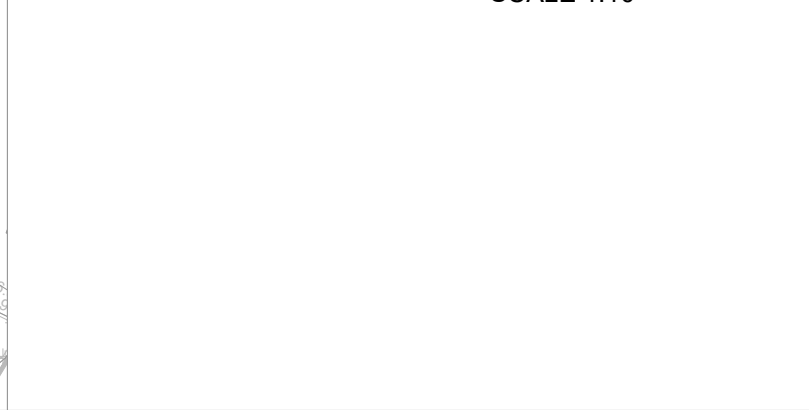
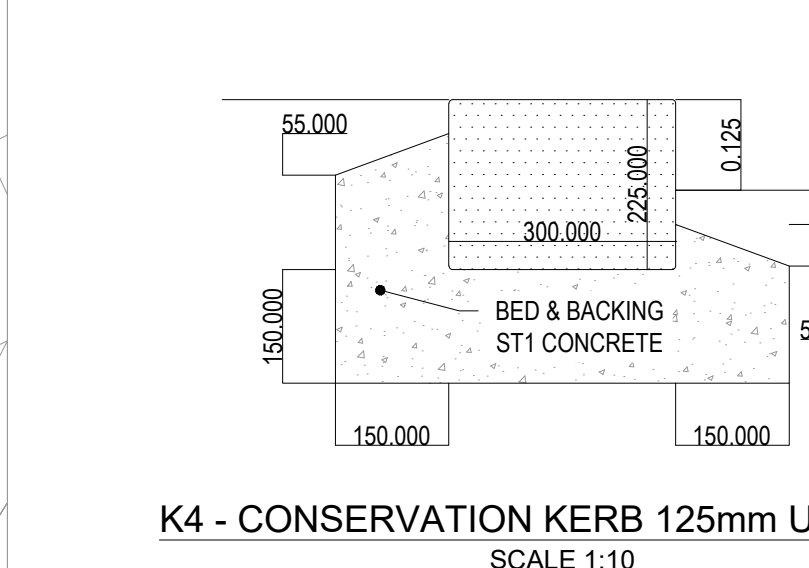
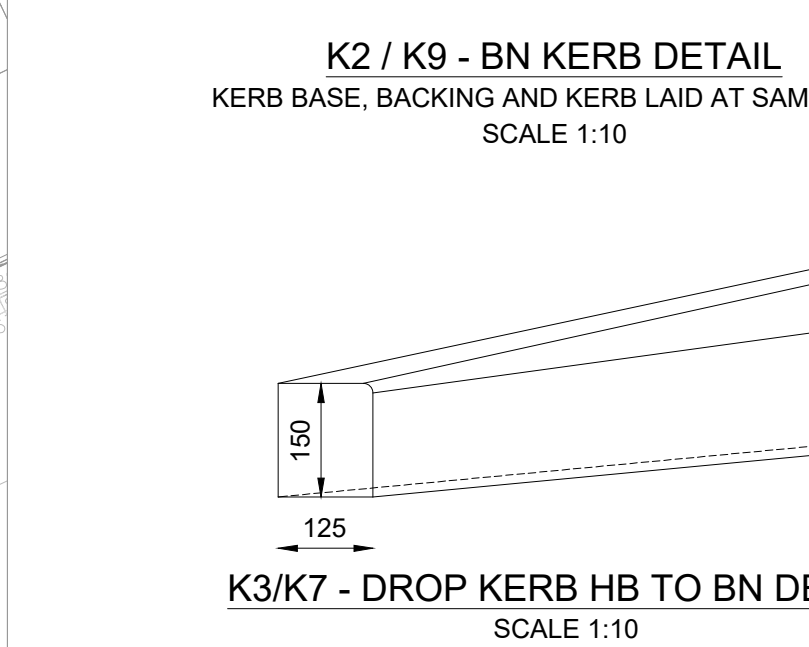
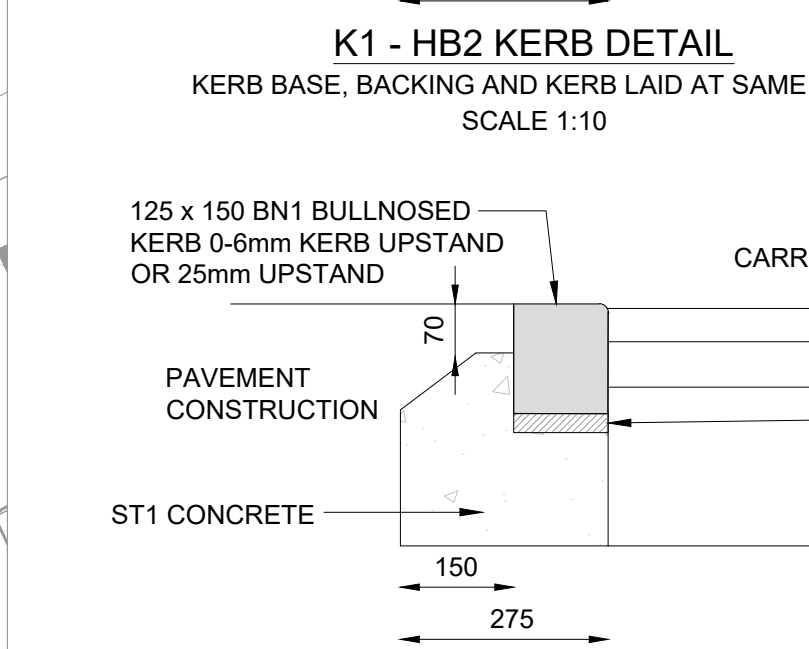
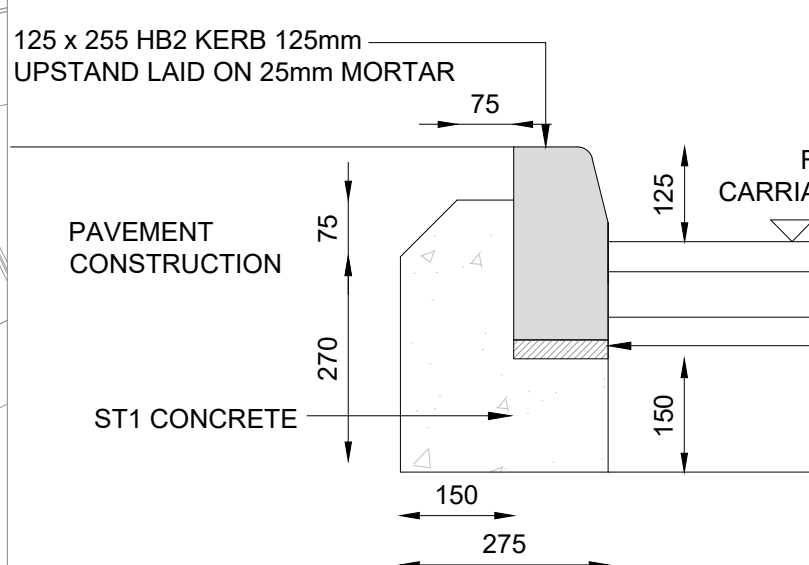
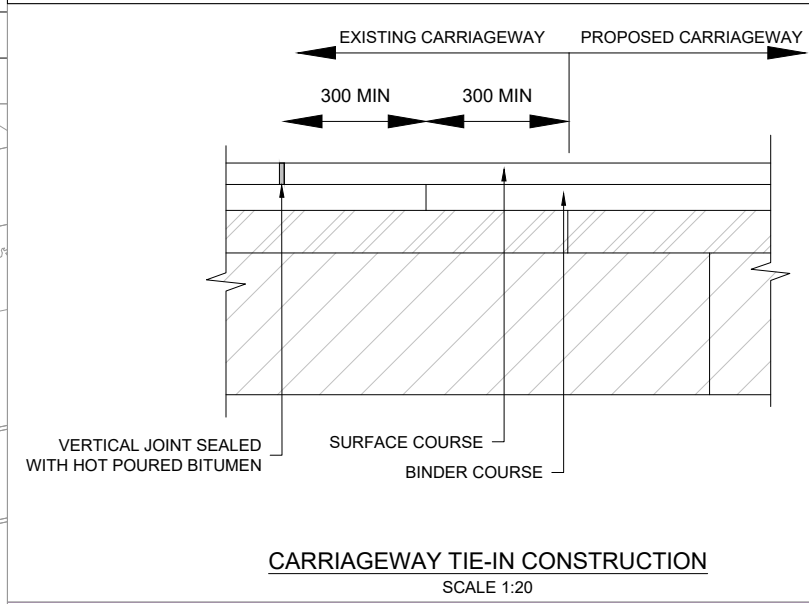
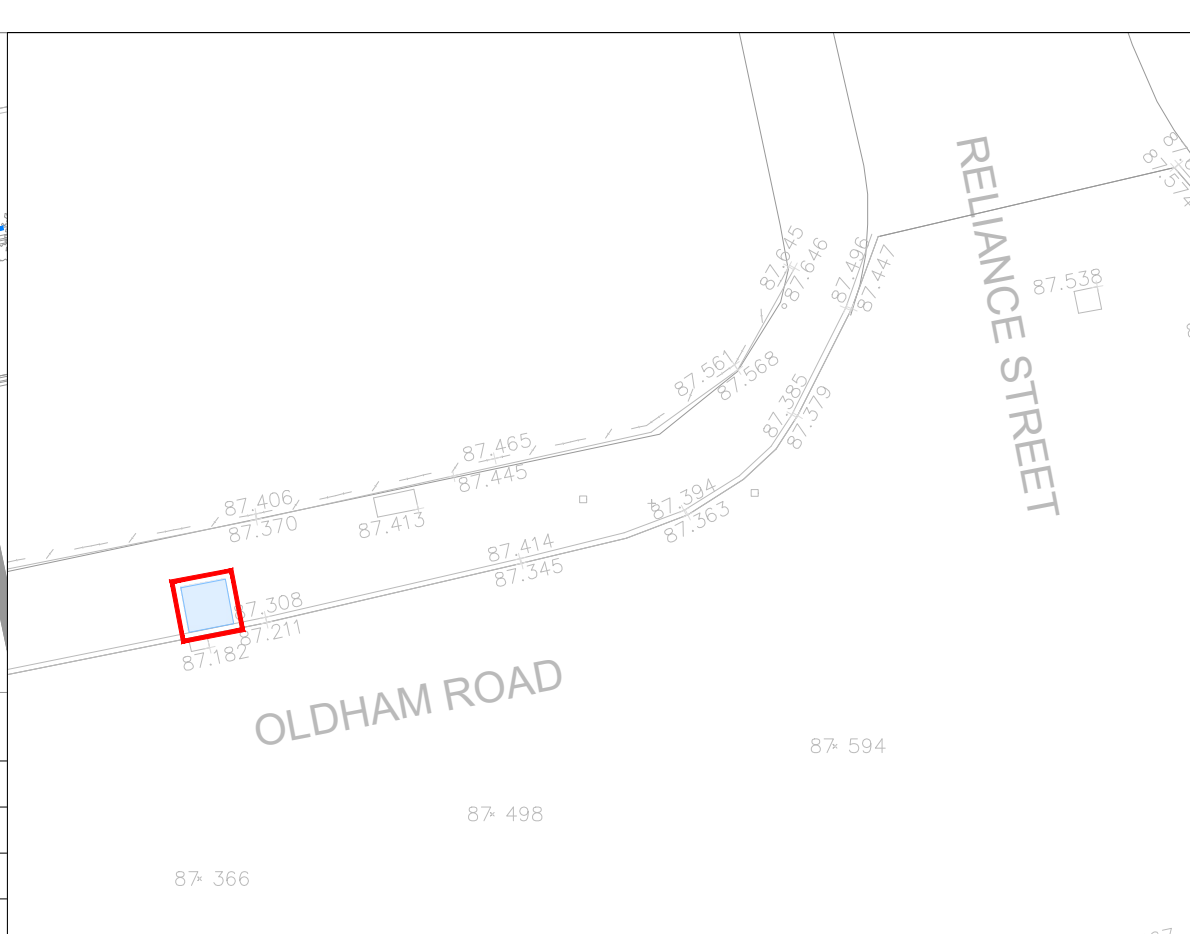
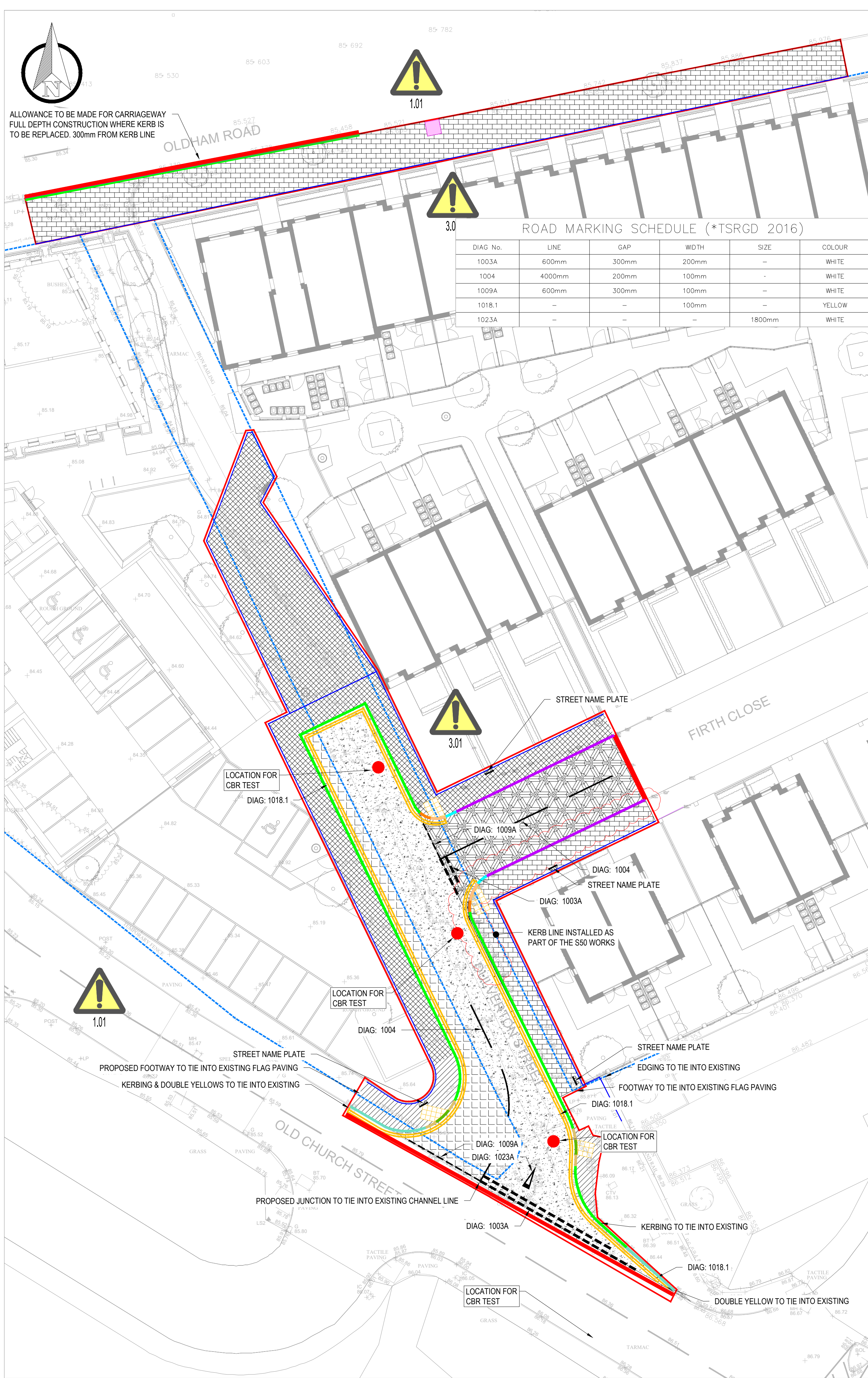




HAZARD REGISTER			
Hazard Ref.	Item (Feature, Element or Activity)	Potential Hazard Identified	Action (Information to Assist Control)
1.00	Enabling / Highwayworks		
1.01	Working adjacent/within Live Highway	Risk to construction workers and equipment.	Construction Management Plan to assess edge protection, 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

KEY

CONSTRUCTION

- S278 WORKS EXTENT BOUNDARY OFFSET FOR CLARITY
- EXISTING HIGHWAY BOUNDARY: OFFSET FOR CLARITY (PROVIDED BY MCC)
- KERBLINE
- EDGING
- BLISTER TACTILE PAVING
- STREET NAME PLATE

CONSTRUCTION LAYOUT

FULL DEPTH CARRIAGEWAY CONSTRUCTION
MCC REF: C1
SURF 40mm AC10 CLOSE SURF PD6691 ANNEX B
BIN 60mm AC20 DENSE BIN PD6691 ANNEX B
BASE 100mm AC32 BASE PD6691 ANNEX B
SUB 240mm TYPE 1 GRANULAR FILL
CAP 210mm 6F2 / 6F5 STRUCTURAL FILL (5% CBR)

FULL DEPTH FOOTWAY CONSTRUCTION
MCC REF: F1 (OPTION 1)
SURF 20mm ACS TO CL 909, 914
BIN 40mm AC20 TO CL 909, 929
BASE 150mm ST2 CONCRETE TO TABLE 101 CL 1001
SUB 225mm MOT

FOOTWAY TO BE PLANNED AND RESURFACED

EXISTING ROAD TO BE CORED TO CONFIRM EXISTING BUILD-UP IS SUITABLE FOR USE. SURFACE AND BINDER COURSE TO BE PLANNED OFF AND A NEW BINDER AND SURFACE COURSE TO BE INSTALLED
SURF 40mm AC10 CLOSE SURF PD6691 ANNEX B
BIN REGULATING AC20 DENSE BIN PD6691 ANNEX B

CARRIAGEWAY BASE AND BINDER CONSTRUCTED AS PART OF S50 UP TO BINDER COURSE. 40mm AC10 CLOSE SURF PD6691 ANNEX B SURFACE

FLAG PAVED FOOTWAY
MCC REF: F9
UNIT 63mm PRECAST CONCRETE FLAG
BED 40mm 4:1 SAND / CEMENT RATIO MORTAR BED
BASE 225mm ST2 CONCRETE TO TABLE 101 CL 1001
SUB 75mm TYPE 1 GRANULAR FILL

AREA OF CARRIAGEWAY TO TIE IN TO EXISTING

REF: K1 HALF BATTERED KERB UPSTAND 125mm

REF: K2 BULLNOSE KERB UPSTAND 0-6mm

REF: K3 TRANSITION KERB UPSTAND 6mm TO 125mm

REF: K4 CONSERVATION KERB UPSTAND 125mm

REF: K5 CONSERVATION KERB UPSTAND 6mm

REF: K6 CONSERVATION TRANSITION KERB

REF: K7 TRANSITION KERB UPSTAND 6mm TO 25mm

REF: K8 FLAT TOP EDGING KERB UPSTAND 0mm (LAID FLUSH)

REF: K9 BULLNOSE VEHICLE CROSSING KERB UPSTAND 25mm

MCC REF: L18 PROPOSED TREE PIT (LOCATIONS AND COORDINATION WITH EXISTING SERVICES TBC BY LANDSCAPE ARCHITECT)

MCC REF: L18 EXISTING TREE PIT TO BE REESTABLISHED AS PER MCC DETAILS

1200 0 5m 10m 15m 20m

1:1 0 10 20 30 40 50 60 70 80 90 100

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- 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 UNLESS NOTED OTHERWISE.
- FOR GENERAL NOTES REFER TO DRAWING.
- THE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE DFT MCHW, DMRB AND THE LOCAL REQUIREMENTS OF MANCHESTER CITY COUNCIL DESIGN GUIDE & SPECIFICATION.
- CONFLICTING INFORMATION SHOWN ON THE ENGINEER'S DRAWINGS OR DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER AND THAT PROVIDED BY OTHERS MUST BE REFERRED TO THE ENGINEER BEFORE THE WORKS COMMENCE.
- THIS DRAWING IS NOT TO BE REPRODUCED IN ANY PART OR FORM WITHOUT CONSENT OF CURTINS. ALL COPYRIGHT RESERVED.
- EXISTING LEVELS SHALL BE CHECKED PRIOR TO CONSTRUCTION COMMENCEMENT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER.
- THE LOCATION AND DEPTHS OF ALL EXISTING SERVICE APPARATUS SHOULD BE CONFIRMED WITH THE SERVICE AUTHORITIES PRIOR TO ANY EXCAVATION WORKS TAKING PLACE.
- THE CONTRACTOR SHALL CONDUCT THE WORKS WITH DUE REGARD TO ANY ECOLOGICAL, ENVIRONMENTAL REQUIREMENTS OF THE SCHEME
- STREET LIGHTING DESIGN BY OTHERS.
- REFER TO MANCHESTER CITY COUNCIL DESIGN GUIDE FOR CONSTRUCTION DETAILS.
- CBR'S SHOULD BE TAKEN IN ACCORDANCE WITH MCC INSPECTING HIGHWAYS ENGINEER AND RESULTS SHOULD BE IN ACCORDANCE WITH MCC SPECIFICATION.
- CONTRACTOR SHOULD LIAISE WITH MCC INSPECTING ENGINEER TO ENSURE CHECKS ARE UNDERTAKEN DURING CONSTRUCTION IN ACCORDANCE WITH MCC GUIDANCE

DRAWING BASED ON:

TOPOGRAPHICAL SURVEY

- BY: SEP, SEP11190L, DATED NOVEMBER 2019.
- BY: LAYER SURVEYS LTD 1631 DATED APRIL 2023
- CASEY AS-BUILT S50 ROAD RECEIVED 13.05.25

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: T8170D0020P2, RECEIVED 13/06/23.

P10	STREET NAME PLATES ADDED	30/01/26	JC	CS
P09	UPDATED TO MCC COMMENTS RECEIVED 23/09/25	23/09/25	CS	RB
P08	UPDATED TO SUIT MCC COMMENTS	18/09/25	CS	EBR
P07	UPDATED TO MCC COMMENTS	11/08/25	CS	RB
P06	UPDATED FOLLOWING RSA RECEIVED 01/07/25	09/07/25	JC	CS
P05	UPDATED TO SUIT COMMENTS FROM MCC RECEIVED 10/06/25	19/06/25	CS	RB
P04	UPDATED TO SUIT COMMENTS RECEIVED 16.05.25	22/05/25	CS	RB
P03	UPDATED TO SUIT AS-BUILT S50 WORKS	14/05/25	CS	RB
P02	UPDATED TO SUIT COMMENTS RECEIVED 02.05.25	08/05/25	CS	RB
P01	ISSUED FOR INFORMATION	01/05/25	KS	RB
Rev:	Description:	Date:	By:	Chkd:

Curtins

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Status: **ISSUED FOR INFORMATION**

Project: **OLDHAM ROAD, NEWTON HEATH**

Dwg Title: **PHASE 2 SECTION 278 CONSTRUCTION, KERBING & ROAD MARKINGS**

Size:	Date:	Drawn By:	Designed By:	Checked By:			
A1	10/01/24	KS	EBR	RB			
Scale: 1:250							
Project No:	Originator:	Volume:	Level:	Type:	Role:	Category / Number:	Rev:
074031 - CUR - 00 - XX - DR - C -	95003 - P10						