EXTERNAL FINISHES

DENOTES EXTENT OF ASPHALT INDUSTRIAL ROAD CONSTRUCTION.

DENOTES EXTENT OF NEW ASPHALT FOOTPATH.

DENOTES EXTENT OF ROAD RESURFACING WORKS CONSISTING OF NEW SURFACE COURSE

DENOTES EXTENT OF FOOTPATH RESURFACING WORKS CONSISTING OF NEW SURFACE COURSE

KD1 — NEW 125 x 255 PRECAST CONCRETE HALF BATTERED KERB (TYPE HB2) WITH A 125mm UPSTAND. (KERB DETAIL 1)

KD2 — NEW 125 x 150 PRECAST CONCRETE BULLNOSED KERB (TYPE BN) WITH A 0 TO 5mm UPSTAND. (KERB DETAIL 2)

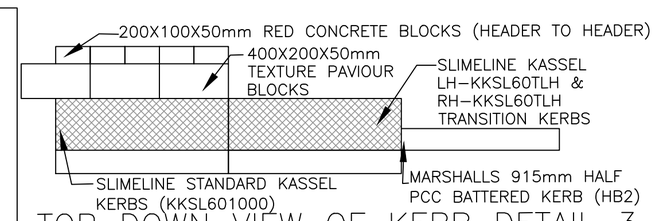
KD3 — NEW 435 X 310 KASSEL KERB WITH A 160mm UPSTAND. (KERB DETAIL 3)

ED1 — NEW 50 x 150 EDGING DETAIL WITH A 50mm UPSTAND (EDGING DETAIL 1)

TK — NEW TRANSITION KERB INSTALLED BETWEEN KERB DETAILS 1 AND KERB DETAILS 3

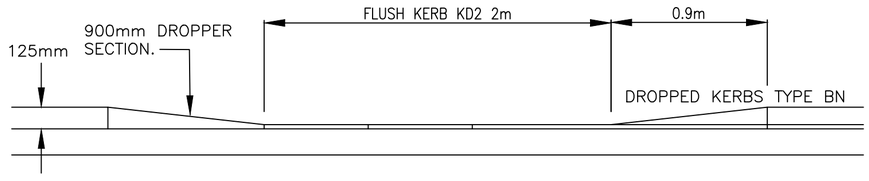
DK — NEW DROPPER KERB INSTALLED BETWEEN KERB DETAIL 1 AND KERB DETAIL 2.

DO NOT SCALE



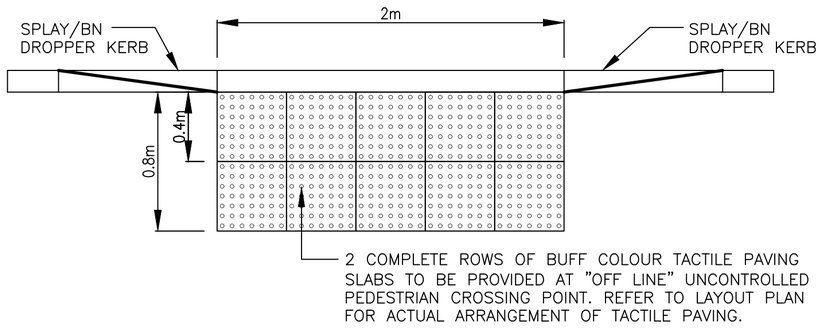
TOP DOWN VIEW OF KERB DETAIL 3

FOR USE AT BUS STOPS SCALE 1:25



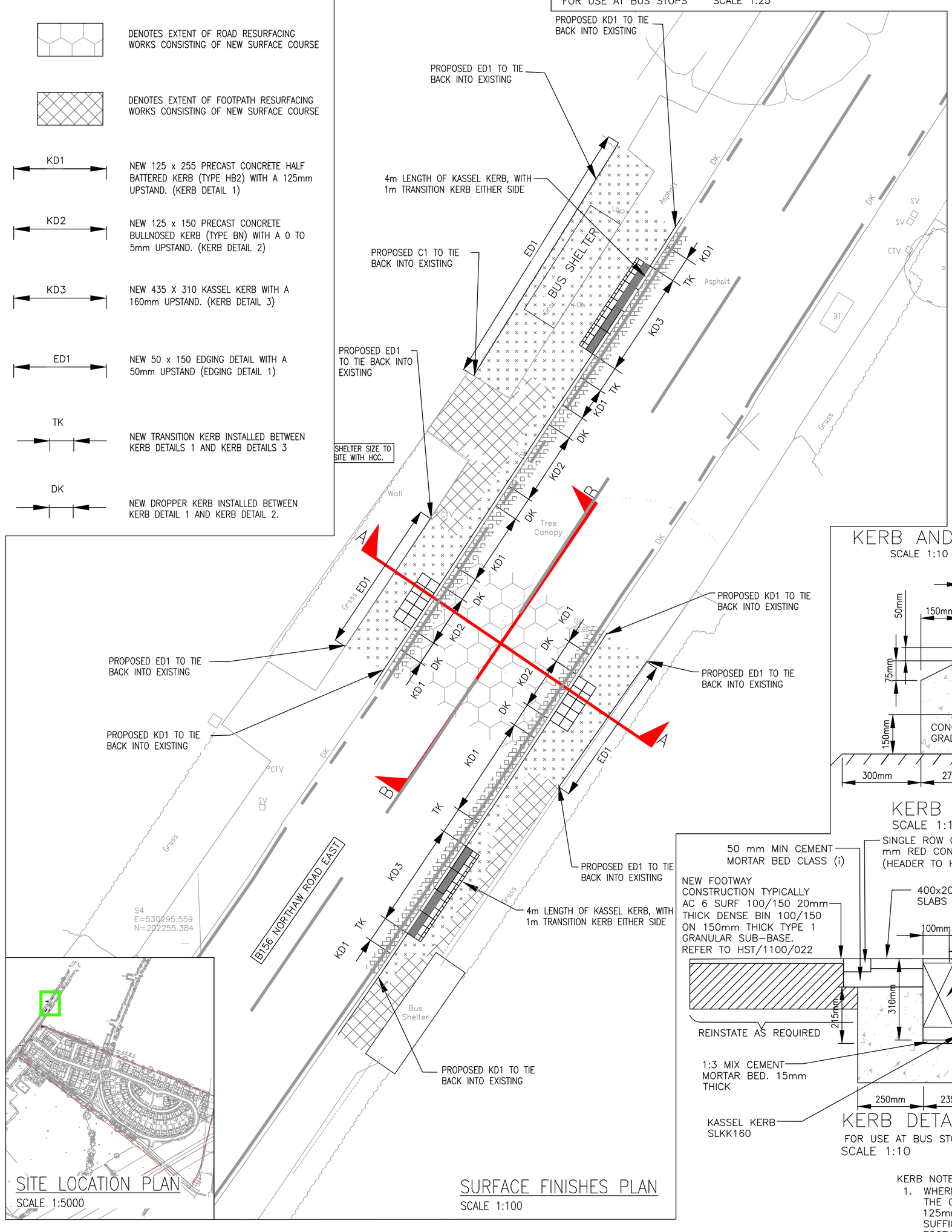
ELEVATION OF DROPPED PC KERB

SCALE 1:25



LAYOUT OF TACTILE PAVING AT OFFLINE UNCONTROLLED CROSSING (2m x 0.8m)

SCALE 1:25



SITE LOCATION PLAN

SCALE 1:5000

SURFACE FINISHES PLAN

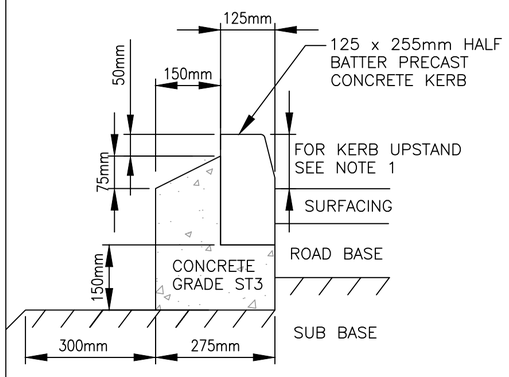
SCALE 1:100

MINIMUM SUB–GRADE AND CAPPING THICKNESS BY CBR VALUE FROM HERTFORDSHIRE HIGHWAYS DESIGN GUIDE 3RD EDITION

	Minimum Capping Thickness	Minimum Sub–base Thickness
LESS THAN <2.5%	600mm	150mm
2.5–5.0%	–	350mm
2.5–5.0%	350mm	150mm
5.0–15.0%	–	225mm
15.0–30.0%	–	150mm
GREATER THAN >30%	–	–

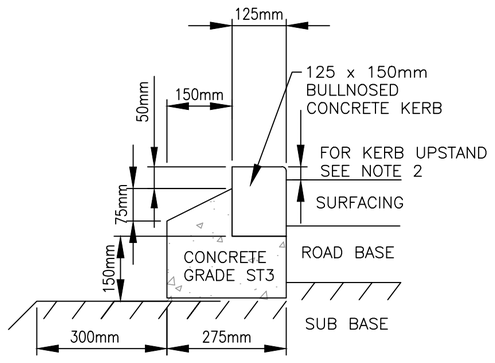
KERB AND EDGING DETAILS

SCALE 1:10



KERB DETAIL 1

SCALE 1:10



KERB DETAIL 2

SCALE 1:10

KERB DETAIL 3

FOR USE AT BUS STOPS
SCALE 1:10

KERB NOTES:

1. WHERE FOOTWAY/CYCLE TRACK IS ADJACENT TO THE CARRIAGEWAY THE UPSTAND SHOULD BE 125mm. AN UPSTAND OF 40mm WILL BE SUFFICIENT WHERE ADJACENT PROPERTIES, FOOTWAYS AND CYCLE TRACKS ARE TO BE SEPARATED FROM AN AREA OF SHARED SURFACE BLOCK PAVED CARRIAGEWAY
2. AT DROPPED KERB VEHICULAR CROSSING THE UPSTAND SHOULD BE 25mm. AT CROSSINGS USED BY PEDESTRIANS, OR CYCLISTS THE UPSTAND SHOULD BE ZERO.

NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, DOCUMENTS AND SPECIFICATIONS.

DIMENSIONS NOT TO BE SCALED.

ALL WORKS SHALL COMPLY & BE CARRIED OUT IN ACCORDANCE WITH HERTFORDSHIRE COUNTY COUNCIL'S DESIGN GUIDES.

UNLESS NOTED OTHERWISE, CLAUSES REFER TO THE SPECIFICATION FOR HIGHWAY WORKS: VOLUME 1 OF THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS.

CARRIAGEWAY CONSTRUCTION AND DEPTH OF CAPPING LAYER IS BASED ON A CBR VALUE OF 2–3%, RECOMMENDED BY GEO ENVIRONMENTAL GROUP.

REPORT TITLE: PHASE II GEO–ENVIRONMENTAL ASSESSMENT – INTERPRETATIVE REPORT
REPORT NUMBER: KGV–GE2–2015–001
DATED: JUNE 2015

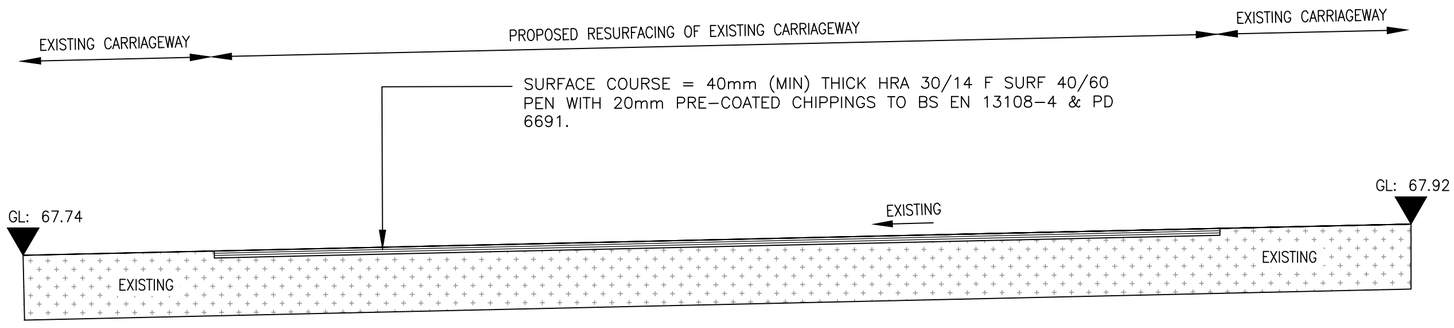
CAPPING AND SUB–BASE THICKNESS IN ACCORDANCE WITH HERTFORDSHIRE COUNTY COUNCIL'S DESIGN GUIDES. CBR VALUES TO BE CONFIRMED BY CONTRACTOR PRIOR TO ANY CONSTRUCTION COMMENCING AND REPORTED BACK TO THE ENGINEER.

BITUMINOUS MATERIAL TO BE IN ACCORDANCE WITH BS EN 13108–1:2006.

IF SURFACE COURSE IS NOT CONSTRUCTED WITHIN 3 DAYS OF BASE COURSE THEN BASE COURSE MUST BE CLEANED AND BOND COATED PRIOR TO LAYING.

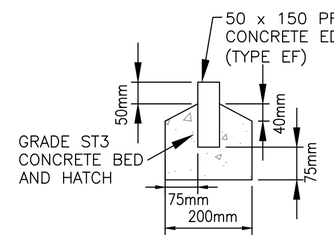
DETAILS AND SPECIFICATION SUBJECT TO S278 APPROVAL FROM HERTFORDSHIRE COUNTY COUNCIL.

PRIOR TO ROAD CONSTRUCTION, HERTFORDSHIRE COUNTY COUNCIL MUST BE CONTACTED TO ESTABLISH REQUIRED CBR TESTING METHODOLOGY. HERTFORSHIRE COUNCIL TO WITNESS ALL CBR TESTING CARRIED OUT.



SECTION B – B: SECTION THROUGH CARRIAGEWAY, ILLUSTRATING OVERLAY DETAIL BETWEEN NEW AND EXISTING CARRIAGEWAY

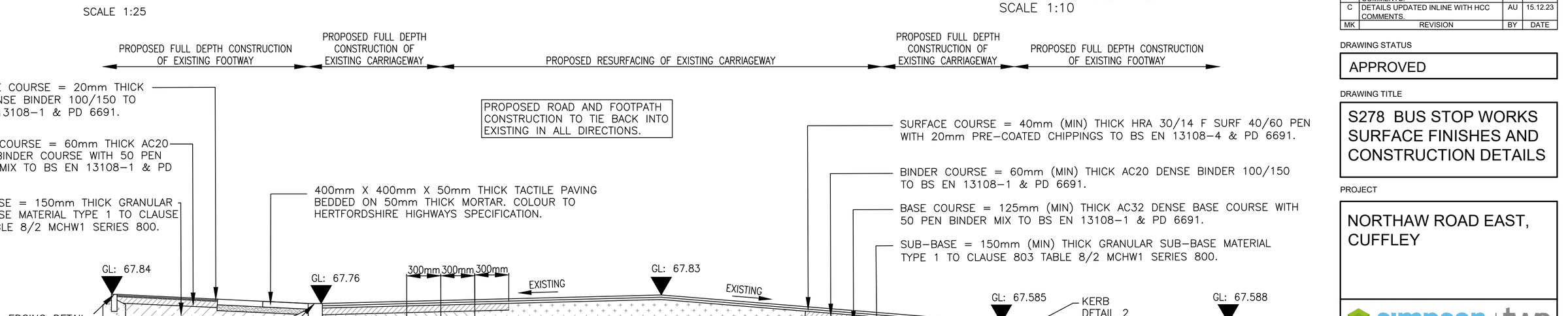
SCALE 1:25



EDGING DETAIL 1

SCALE 1:10

D	DETAILS UPDATED INLINE WITH HCC COMMENTS.	AU	15.02.24
C	DETAILS UPDATED INLINE WITH HCC COMMENTS.	AU	15.12.23
MK	REVISION	BY	DATE



SECTION A – A: SECTION THROUGH PROPOSED CROSSING, ILLUSTRATING OVERLAY DETAIL

DRAWING STATUS

APPROVED

DRAWING TITLE

S278 BUS STOP WORKS SURFACE FINISHES AND CONSTRUCTION DETAILS

PROJECT

NORTHAW ROAD EAST, CUFFLEY

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Drawn	Ch'kd	Scales	Date
AJM	AU	As Shown	NOV 2022

Purpose of Issue: FINAL

Project Number	Drawing Number	Revision
P22-772	91	D

A1