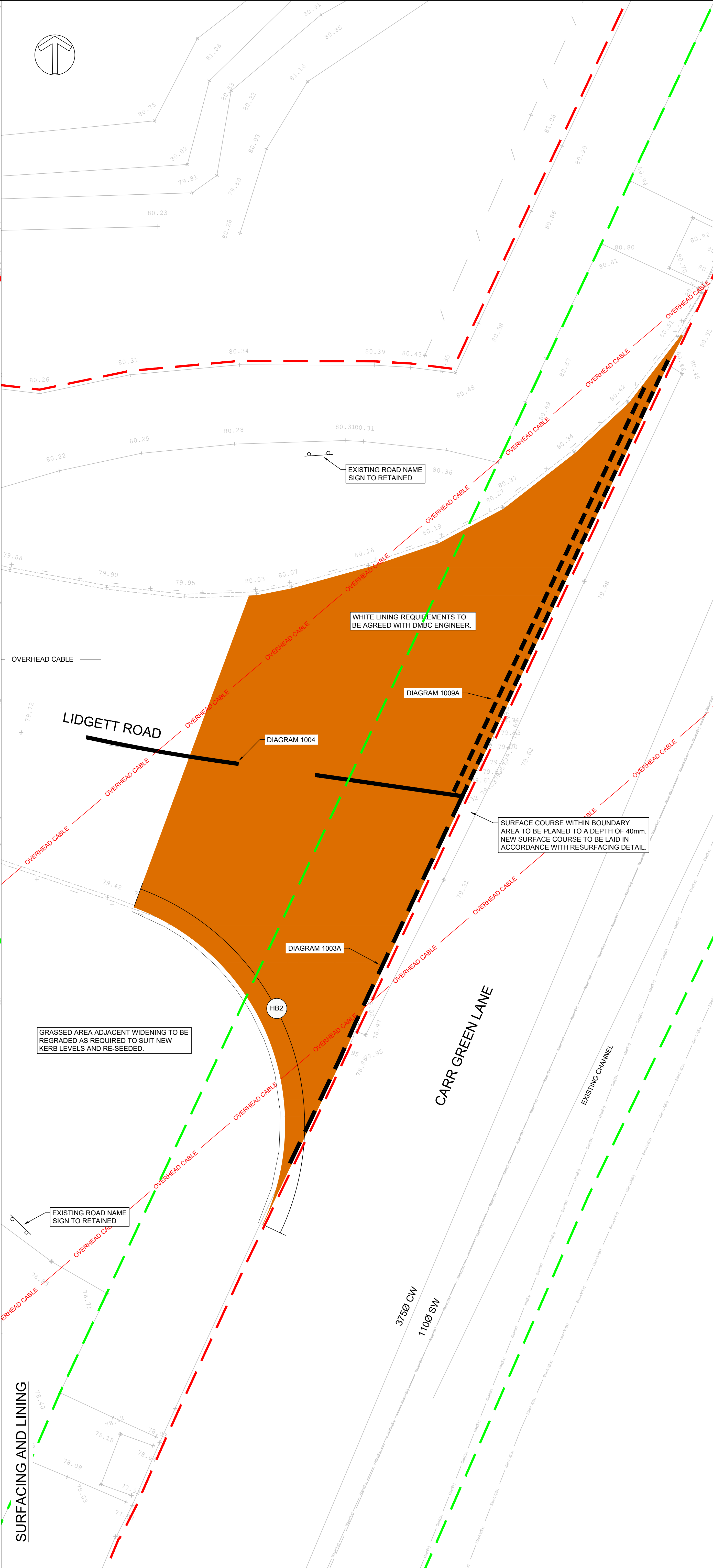
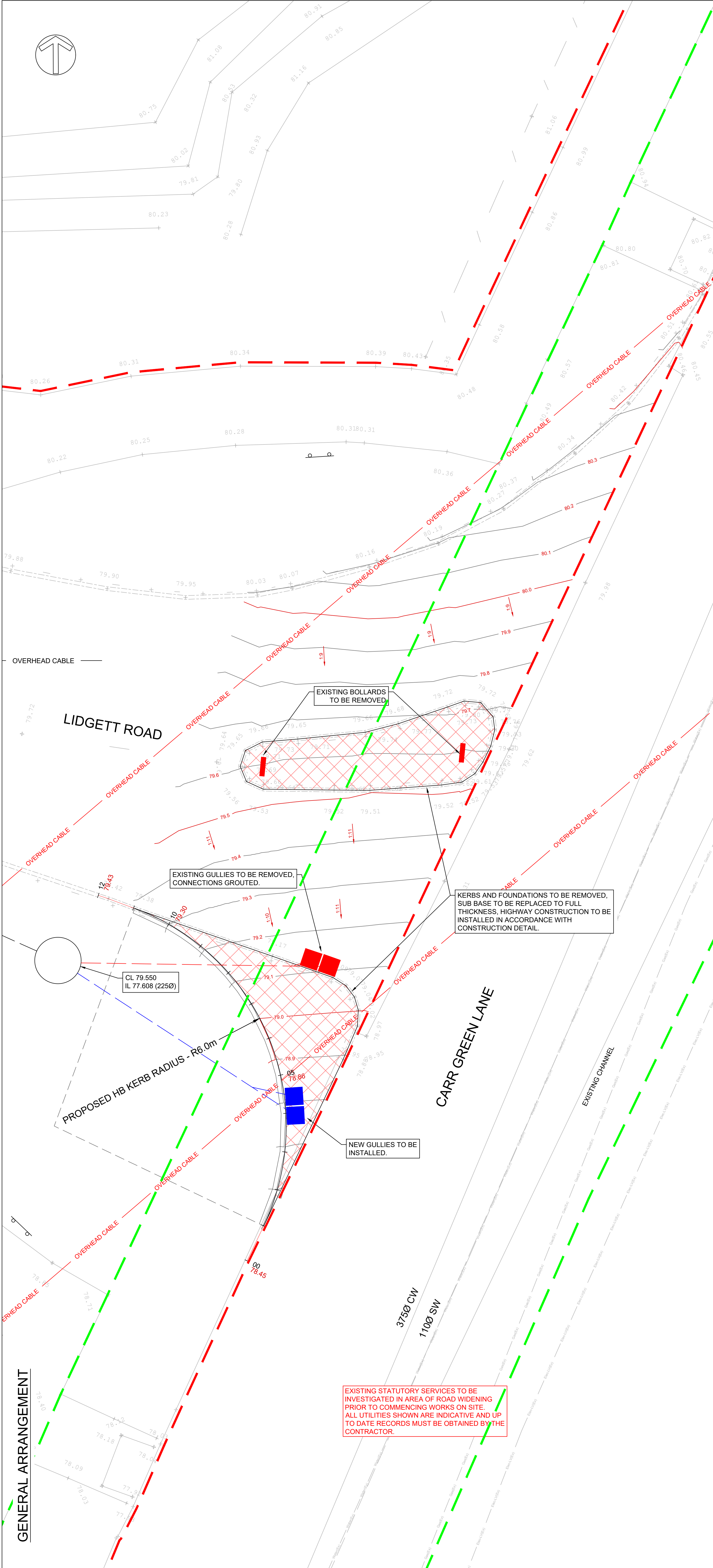
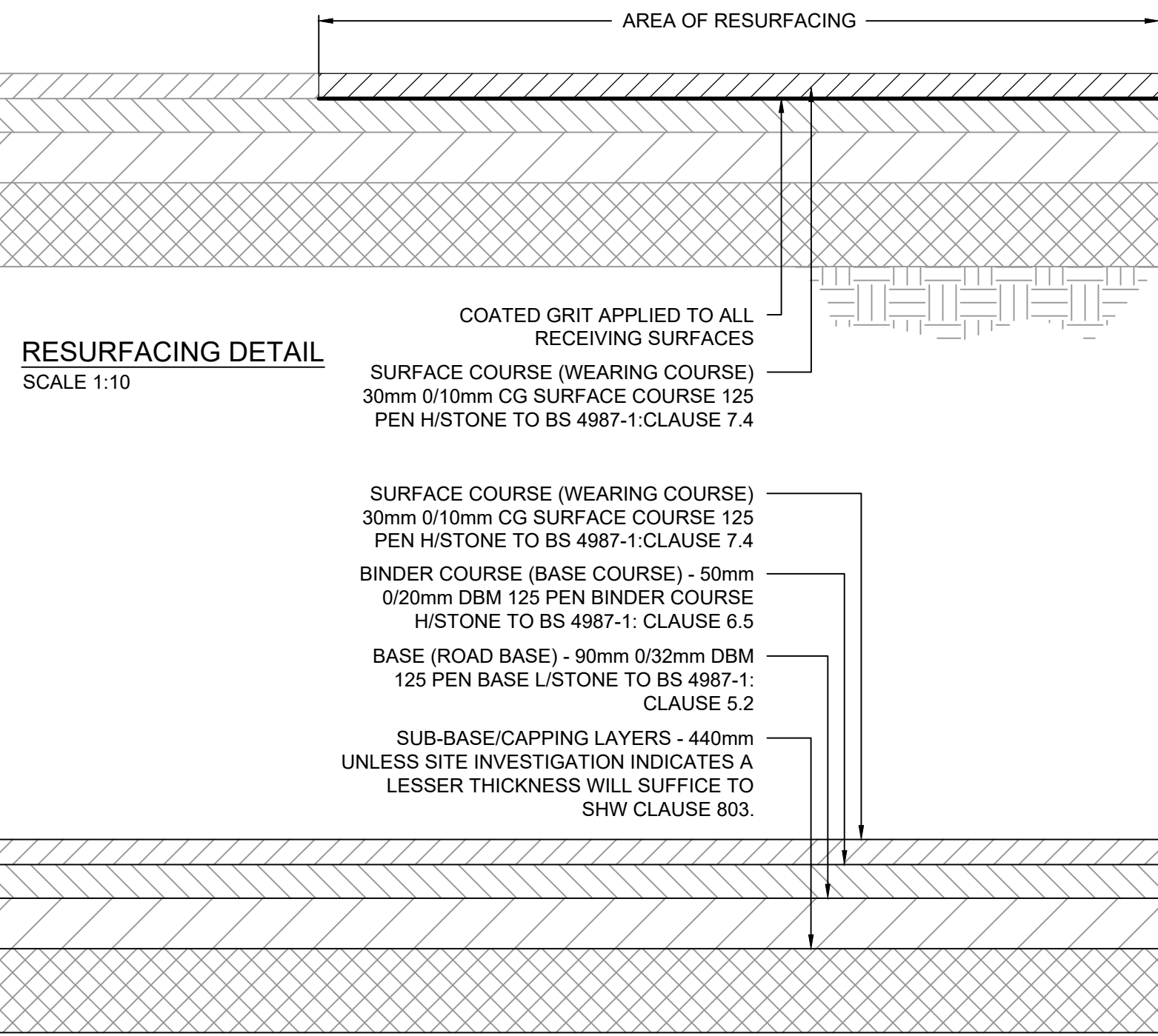


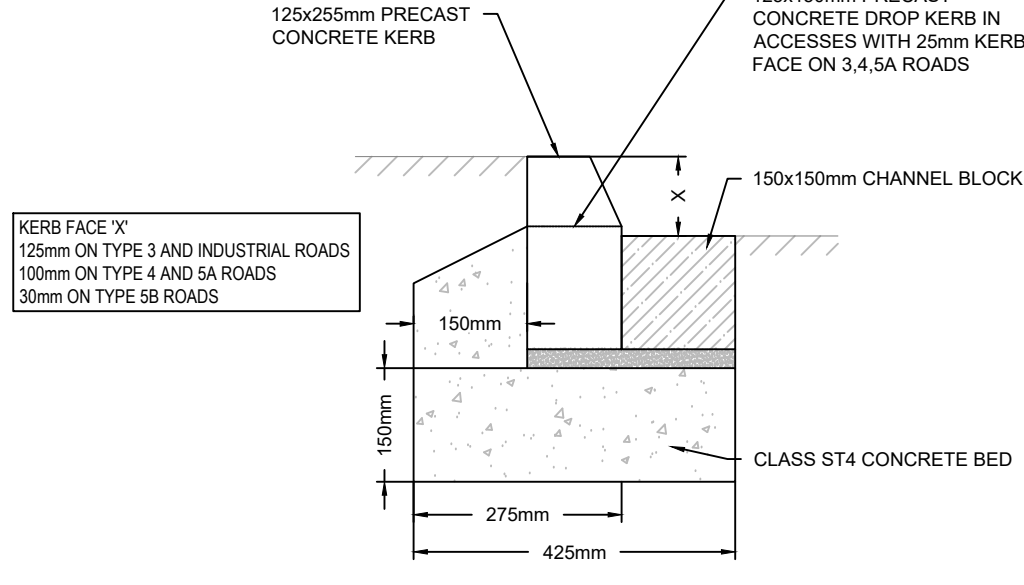


1. ALL INITIAL ASSESSMENTS INCLUDING THE REQUIRED PERMITS, ENVIRONMENTAL IMPACT ASSESSMENT AND LOCATING OF EXISTING SERVICES ARE TO BE UNDERTAKEN BY THE CONTRACTOR.
2. TRAFFIC MANAGEMENT IS TO BE UNDERTAKEN BY THE CONTRACTOR.
3. ALL MATERIALS AND CONSTRUCTION TECHNIQUES ARE TO BE IN ACCORDANCE WITH THE LOCAL AUTHORITY AND BEST PRACTICE GUIDELINES.
4. DEFECTS ON ALL HIGHWAY SURFACES AND STRUCTURES INCLUDING KERBS, SIGNAGE AND STREET FURNITURE ARE TO BE IDENTIFIED PRIOR TO WORKS COMMENCING, AND REPORTED TO THE ENGINEER.
5. EXISTING SURFACING LINING AND SIGNAGE ARE TO BE RECORDED FOR REINSTATEMENT FOLLOWING COMPLETION OF ALL RESURFACING WORK.
6. ALL SURFACES ARE TO BE CLEARED OF ALL SILT, VEGETATION AND DEBRIS PRIOR TO PLANNING WORK.
7. ALL SURFACING TO BE REPLACED IS TO BE PLANNED TO A DEPTH OF 30mm. PLANNINGS ARE TO BE DISPOSED OF APPROPRIATELY.
8. DEFECTS WITHIN THE CONSTRUCTION OF THE EXISTING SURFACING ARE TO BE REPAIRED CORRECTLY. SOFT SPOTS ARE TO BE EXCAVATED, WITH SUB BASE REPLACED AND COMPACTED.
9. ALL SURFACES CLEARED OF LOOSE DEBRIS.
10. APPLY TACK COAT TREATMENT TO ALL SURFACES TO BE RESURFACED IN ACCORDANCE WITH MANUFACTURER GUIDANCE.
11. INSTALLATION OF NEW SURFACE COURSE TO A DEPTH OF 30mm AND COMPACTED.
12. OVERBANDING TO ALL JOINTS TO BE APPLIED IN ACCORDANCE WITH MANUFACTURER GUIDANCE.
13. ALL LINING TO BE REINSTATED AS PER PREVIOUS ARRANGEMENT.

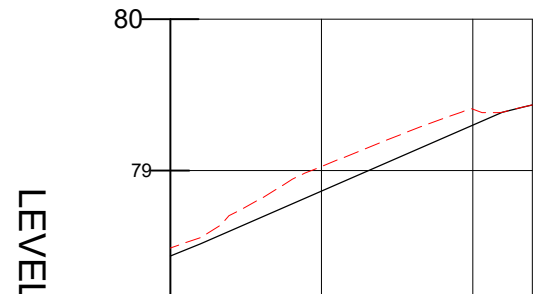


HIGHWAY CONSTRUCTION DETAIL
SCALE 1:10

- DESIGN NOTES
1. ALL DESIGN AND WORKS TO BE IN ACCORDANCE WITH THE LATEST VERSION OF THE FOLLOWING DOCUMENTS:
 - 1.1. DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB)
 - 1.2. SPECIFICATION FOR HIGHWAY WORKS (SHW)
 - 1.3. MANUAL FOR STREETS (MFS)
 - 1.4. BARNESLEY METROPOLITAN BOROUGH COUNCIL (BMB) DESIGN GUIDE AND SPECIFICATION.
 2. SURFACE COURSE IS TO BE LAID OVER THE NEW CONSTRUCTION AND THE ADJACENT PLANNED CARRIAGEWAY CONCURRENTLY, SO THERE WILL BE NO JOINTS ALONG THE LINE OF THE NEW CONSTRUCTION.
 3. TACK COAT AND BITUMINOUS SPRAYS TO COMPLY WITH CLAUSE 520 MCHW.
 4. TYPE 1 TO COMPLY WITH MCHW CLAUSE 803.
 5. IRONWORK LOCATED WITHIN THE HIGHWAY IS TO BE SET FLUSH WITH THE SURFACE COURSE.
 6. TOP SOIL TO BE FINISHED MIN 25mm ABOVE KERB LEVEL TO ALLOW FOR SETTLEMENT.
 7. ALL DESIGN ELEMENTS SUBJECT TO DMBC APPROVAL.
 8. BLAST FURNACE SLAG AND LIMESTONE ARE NOT ALLOWED WITHIN THE SURFACE OR BINDER COURSE. THE BINDER COURSE MAY CONTAIN THESE AGGREGATES IF IT IS TO BE COVERED WITHIN 6 WEEKS.
 9. COATED GRIT WILL BE REQUIRED ON ALL BINDER COURSES UNLESS LAID CONCURRENTLY WITH THE SURFACE COURSE TO BS 1987-1: CLAUSE 7.8.



JUNCTION RADIUS - LONGSECTION
SCALE: H 1:50, V 1:10. DATUM: 77.000



CHAINAGE	0+00	0+10	0+20	0+30	0+40	0+50	0+60	0+70	0+80	0+90	0+100
EXISTING LEVELS	78.45	78.55	78.65	78.75	78.85	78.95	79.05	79.15	79.25	79.35	79.45
PROPOSED LEVELS	78.45	78.55	78.65	78.75	78.85	78.95	79.05	79.15	79.25	79.35	79.45
VERTICAL GEOMETRY	G 17.880% L +1.000										
HORIZONTAL GEOMETRY	L +1.000										

NOTES

NOTES:
1. DO NOT SCALE THIS DRAWING.
2. TRACKING REQUIREMENTS TO BE CONFIRMED BY BMB.
3. EXISTING CHANNEL POSITION OPPOSITE EXISTING JUNCTION ASSUMED, TO BE CONFIRMED.
KEY:
CARRIAGEWAY SURFACING
PLANNING BOUNDARY
HIGHWAY AUTHORITY BOUNDARY

RESURFACING DETAIL
SCALE 1:10

COATED GRIT APPLIED TO ALL RECEIVING SURFACES
SURFACE COURSE (WEARING COURSE)
30mm 0/10mm CG SURFACE COURSE 125 PEN H/STONE TO BS 4987-1: CLAUSE 7.4
SURFACE COURSE (WEARING COURSE)
30mm 0/10mm CG SURFACE COURSE 125 PEN H/STONE TO BS 4987-1: CLAUSE 7.4
BINDER COURSE (BASE COURSE) - 50mm 0/20mm DBM 125 PEN BINDER COURSE H/STONE TO BS 4987-1: CLAUSE 6.5
BASE (ROAD BASE) - 90mm 0/32mm DBM 125 PEN BASE L/STONE TO BS 4987-1: CLAUSE 5.2
SUB-BASE/CAPPING LAYERS - 440mm UNLESS SITE INVESTIGATION INDICATES A LESSER THICKNESS WILL SUFFICE TO SHW CLAUSE 803.

HIGHWAY CONSTRUCTION DETAIL
SCALE 1:10

DESIGN NOTES

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HB2 KERB DETAIL
SCALE 1:10

125x255mm PRECAST CONCRETE KERB
125x150mm PRECAST CONCRETE DRAIN KERB IN ACCESSES WITH 25mm KERB FACE ON 3.0m ROAD
150x150mm CHANNEL BLOCK
GLASS ST4 CONCRETE BED

JUNCTION RADIUS - LONGSECTION
SCALE: H 1:50, V 1:10. DATUM: 77.000

LEVEL
CHAINAGE
EXISTING LEVELS
PROPOSED LEVELS
VERTICAL GEOMETRY
HORIZONTAL GEOMETRY

REVISIONS

REV	DATE	DESCRIPTION	BY
P01	16.10.24	INITIAL ISSUE	DM
P02	01.11.24	PLANNING BOUNDARY UPDATED	DM
P03	15.01.25	BOUNDARY AMENDED	DM
P04	03.06.25	BOUNDARY AMENDED	DM
P05	11.06.25	PLANNING BOUNDARY AMENDED	BS
P06	30.06.25	BUILD UP SPECS AMENDED	BS

PROJECT

LIDGETT ROAD JUNCTION, MAPPLEWELL

TITLE

S38 AGREEMENT MODIFICATION TO JUNCTION

CLIENT

HARWORTH

CONSULTING CIVIL & STRUCTURAL ENGINEERS

www.HJCE.co.uk

HJCE

STATUS

PRELIMINARY

DESIGNED BY DM

CHECKED BY AMF

HJCE REF. 7995

DRAWN BY DM

DATE 15.10.24

SCALES @ A0 AS INDICATED

PROJECT - ORIGINATOR - VOLUME - LEVEL - TYPE - ROLE - NUMBER

7995-HJCE-00-XX-DR-C-4300 P06