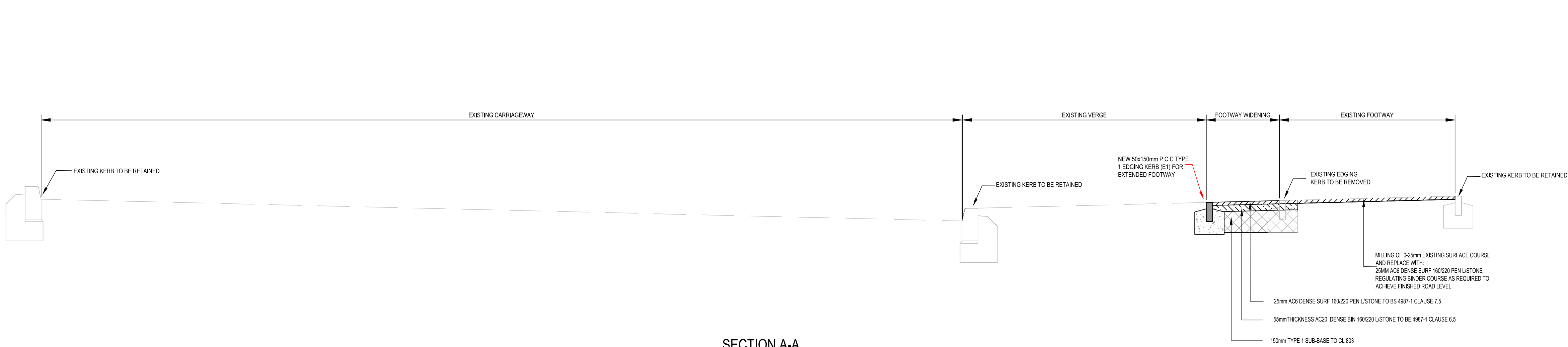
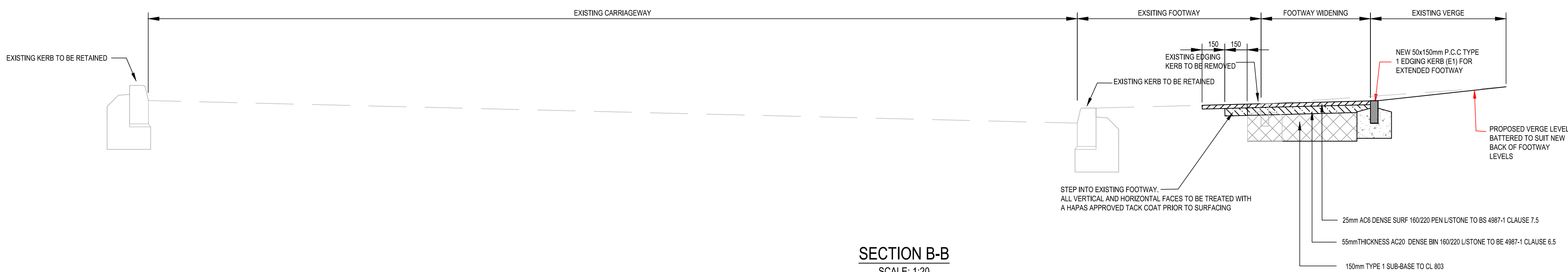
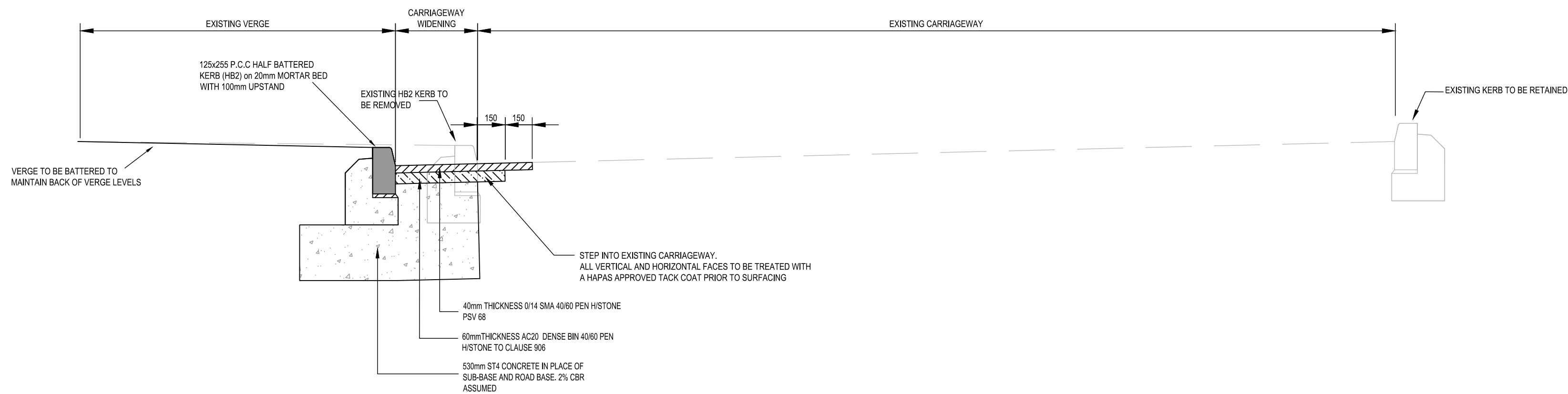




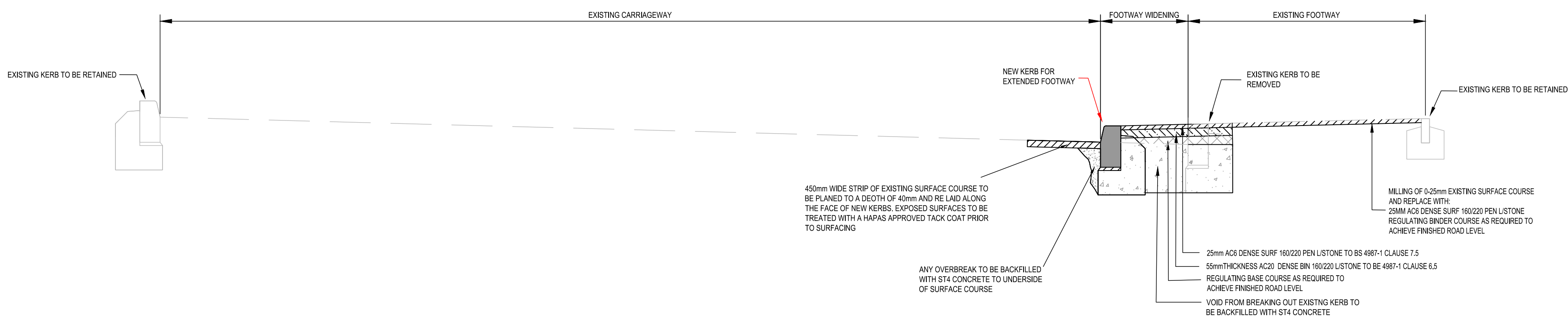
SECTION A-A
SCALE: 1:20



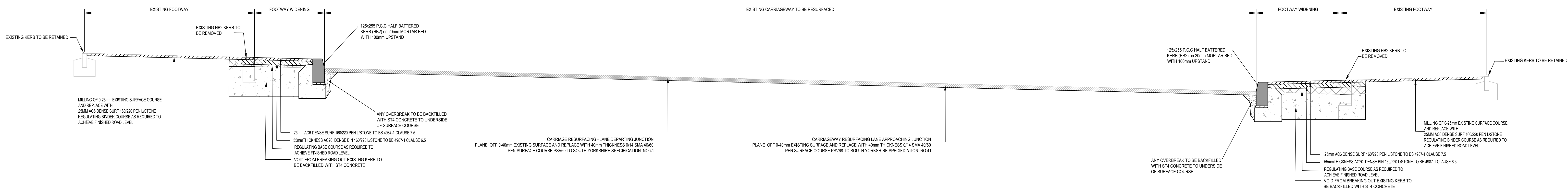
SECTION B-B
SCALE: 1:20



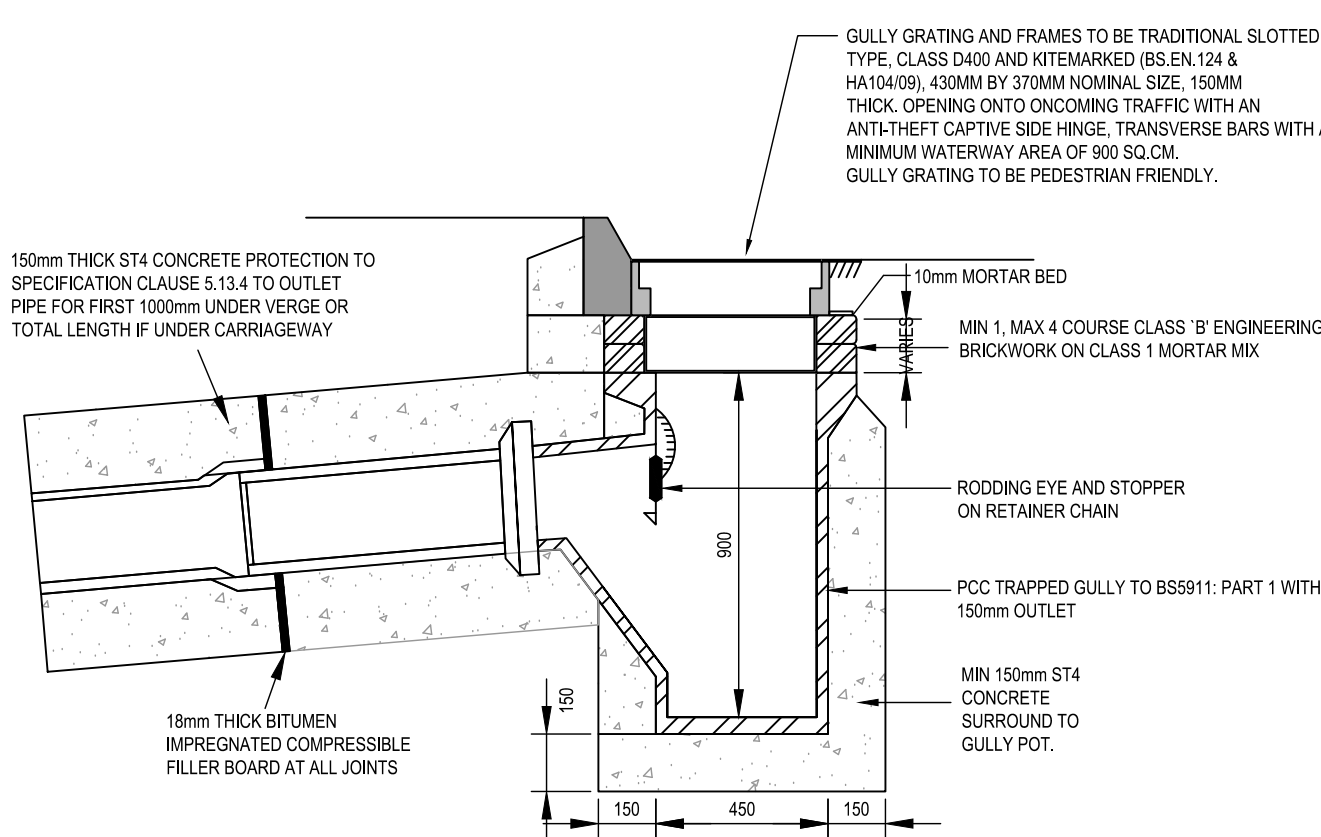
SECTION C-C
SCALE: 1:20



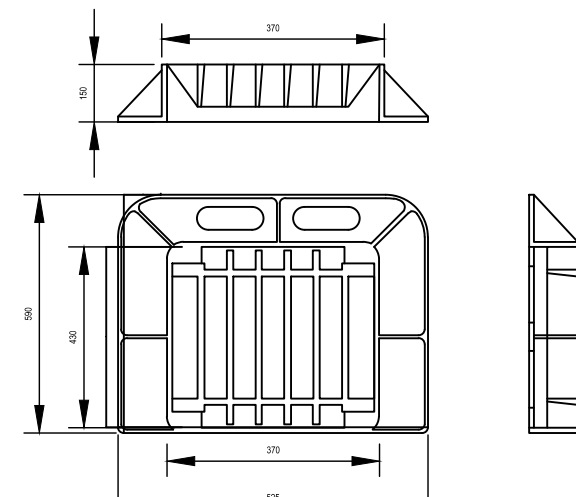
SECTION D-D
SCALE: 1:20



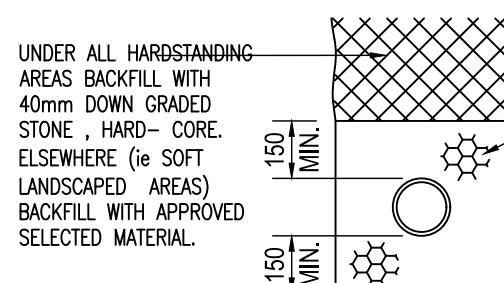
SECTION E-E
SCALE: 1:20



TRAPPED ROAD GULLY
SCALE: 1:20



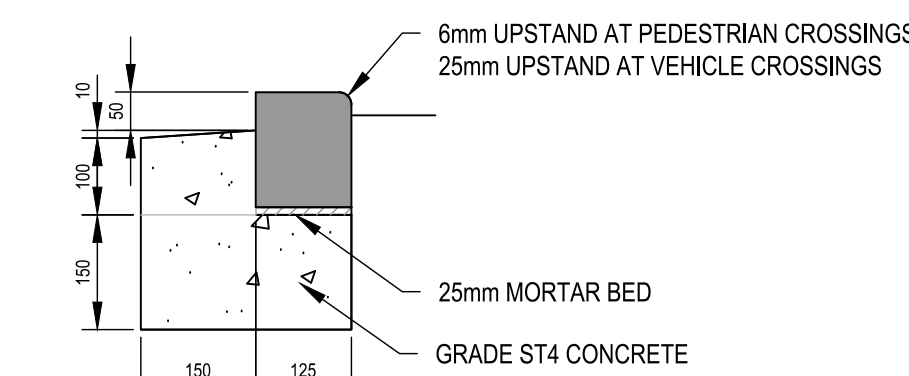
ROAD GULLY GRATE DETAIL
SCALE: 1:20



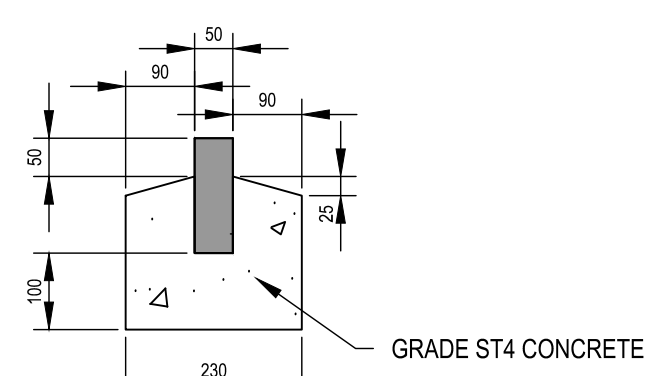
CLASS 'S' PIPE BEDDING DETAIL
SCALE: 1:20

PIPE NOMINAL BORE (DN)	MAX. PARTICLE SIZE (mm)	CLASS OF BEDDING	SUITABLE IMPORTED GRANULAR MATERIALS
OVER 100 TO 150	15	S	10mm OR 14mm NOMINAL SINGLE-SIZED OR 14mm TO 5mm GRADED
OVER 150 TO 500	20	S	10,14 OR 20mm NOMINAL SINGLE-SIZED OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED
OVER 500	40	S	10,14,20 OR 40mm NOMINAL SINGLE-SIZED CRUSHED ROCK OR 14mm TO 5mm GRADED OR 20mm TO 5mm GRADED OR 40mm TO 5mm GRADED

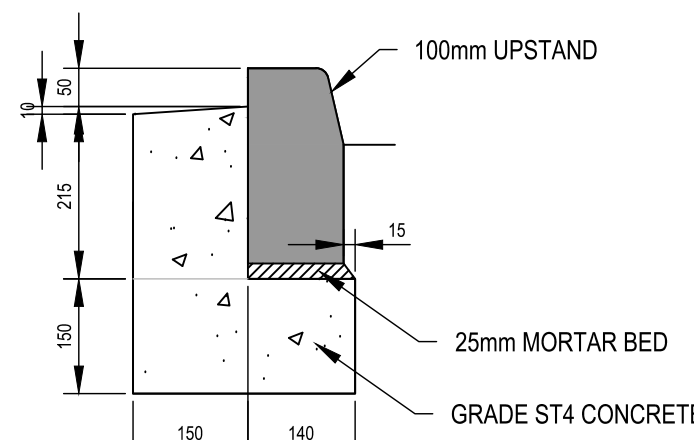
TABLE B



125x150 BULLNOSE CENTRE
KERB (TYPE BN)
SCALE: 1:10



50x150 PCC EDGING KERB
DETAIL (EF1) TYPE 1
SCALE: 1:10



125x255 HALF BATTERED
KERB DETAIL (HB2)
SCALE: 1:10



Sign Ref: 01	Height: 50
Letter Colour: White	Sign Face
Background: Red	Width: 500mm
Border: White	Height: 480mm
Material: R30 Micro Prismatic with anti-graffiti film	Area: 0.2450m²

SIGN TO DIAG 701A FIXED TO EXISTING LIGHTING COLUMNS
MOUNTING HEIGHT: 2.3m
EDGE OF SIGN FACE TO BE MINIMUM 450mm FROM KERB
TO BE IN ACCORDANCE WITH BARNSLEY MBC APPENDIX 12-1

Sign Ref: 02	Height: 50
Letter Colour: Black	Sign Face
Background: White	Width: 500mm
Border: Red	Height: 480mm
Material: R30 Micro Prismatic with anti-graffiti film	Area: 0.2450m²

SIGN TO DIAG 543 (ILLUMINATED)
MOUNTING HEIGHT: 2.3m
EDGE OF SIGN FACE TO BE MINIMUM 450mm FROM KERB
TO BE IN ACCORDANCE WITH BARNSLEY MBC APPENDIX 12-1

POSTS & FOUNDATIONS	Notes: Individual
Mounting Height: 2300	Base Width: 500mm
Number: 1	Base Length: 700mm
Base: 100mm LARGE BASE POST	Base Depth: 800mm
Length: 3000mm	Base Volume: 0.280m³
Illumination: Externally Illuminated	Earth Cover: 150mm
Material: Galvanneal and powder coated H Alcoa®	
Only colour	

SIGN DETAILS
R30

- GENERAL SAFETY:**
- WHERE THE BASE (ROAD BASE) HAS BEEN USED AS A TEMPORARY RUNNING SURFACE DURING THE CONTRACT IT SHALL BE THOROUGHLY CLEANED AND POWER WASHED AS NECESSARY AFTER DRYING AND IMMEDIATELY BEFORE THE BRICKS COURSE IS Laid A JACK COAT OF BITUMEN EMULSION CLASS A1-A0 OR A1-A0 TO BS438 SHALL BE APPLIED AT A RATE OF 0.35-0.55 LITRES/SQ.METER.
 - ALL RADIIUS KERBS WITH A RADIUS OF 12m OR LESS SHALL BE FORMED WITH PROPRIETARY RADIIUS KERBS.
- HEALTH & SAFETY:**
- CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.
- DRAINS & DRAINAGE:**
- CONTRACTOR TO PROVIDE FRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE.
 - THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDED BY A BARRIER.
 - CONNECTIONS TO EXISTING SERVICES TO BE MADE BY APPROVED CONTRACTOR ONLY.
 - CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LIFTED/POUNDED LIMBS/HEADS AND RECOMMENDED PRECAUTIONS. INDIVIDUALS WILL HAVE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
 - UNPROTECTED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIER.
- PIPES & CABLES:**
- CONTRACTOR TO OBTAIN ALL SERVICE RECORDS PRIOR TO WORKS COMMENCING.
 - SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIG AND PROTECTED ACCORDINGLY.
- EXCAVATION:**
- CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.
 - CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM EXCAVATION PLANT WHERE NECESSARY.
 - CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.

- DESIGN NOTES:**
- PROPOSED LEVELS HAVE BEEN BASED ON THE EXISTING TOPOGRAHICAL SURVEY BY JLP SURVEYING CONSULTANTS LTD. DRAWING REF: 04/2019 (DATED AUGUST 2016).
 - ALL WORKS TO COMPLY WITH CURRENT VERSION OF THE FOLLOWING DOCUMENTS:
 - DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB)
 - SPECIFICATION FOR HIGHWAY WORKS (SHP)
 - LOCAL AUTHORITY DESIGN GUIDE AND SPECIFICATION
 - PRIOR TO COMMENCING WORKS THE CONTRACTOR SHOULD INVESTIGATE AND LOCATE ANY NECESSARY ANY STATUTORY UNDERGROUND EQUIPMENT WITHIN THE WORK AREA AND DISCUSS REQUIREMENTS FOR UNDERGROUND PROTECTION WITH THE RELEVANT AGENCY.
 - ALL WORKS WITHIN THE PUBLIC HIGHWAY TO MEET LOCAL AUTHORITY REQUIREMENTS. CONTRACTOR TO APPLY FOR ROAD OPENING NOTICES ETC AS REQUIRED.
 - ROAD CLOSURE/TRAFFIC DETAIL SUBJECT TO CONFIRMATION OF CBR VALUES CONTRACTOR TO ALLOW FOR LAB TESTS TO BE UNDERTAKEN IN ACCORDANCE WITH LOCAL AUTHORITY HIGHWAY SURVEY PRIOR TO WORKS COMMENCING.
 - WORKS MUST BE CONDUCTED IN ACCORDANCE WITH THE RELEVANT STANDARDS. BARRIERS, PROTECTIONS AND SIGNAGE ANY SIGNS IDENTIFIED ON SITE ARE TO BE ADHERED TO THE SATISFACTION OF BARC AS Laid THROUGH THE DEVELOPMENT MANAGEMENT TEAM.

SUBJECT TO LOCAL AUTHORITY
APPROVAL

13/09/2024	SIGN DETAILS AMENDED	JP	AE	3
10/07/2024	DETAILS AMENDED	SR	AE	2
12/06/2024	FIRST ISSUE	SR	AE	1
DATE	DESCRIPTION	DR	CHK	REV

INFORMATION

RWO Structures
Geoenvironmental

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NEWCASTLE | LEEDS | LONDON | STOKESTON

CLIENT: VISTRY GROUP

PROJECT: SHAW LANE, CARLTON

TITLE: S278 - CONSTRUCTION DETAILS
OFFSITE WORKS

PROJECT No:	DISCIPLINE:	SCALE:
24307	CIVIL	@:A0 AS SHOWN
DRAWING No:	REV	
D711		