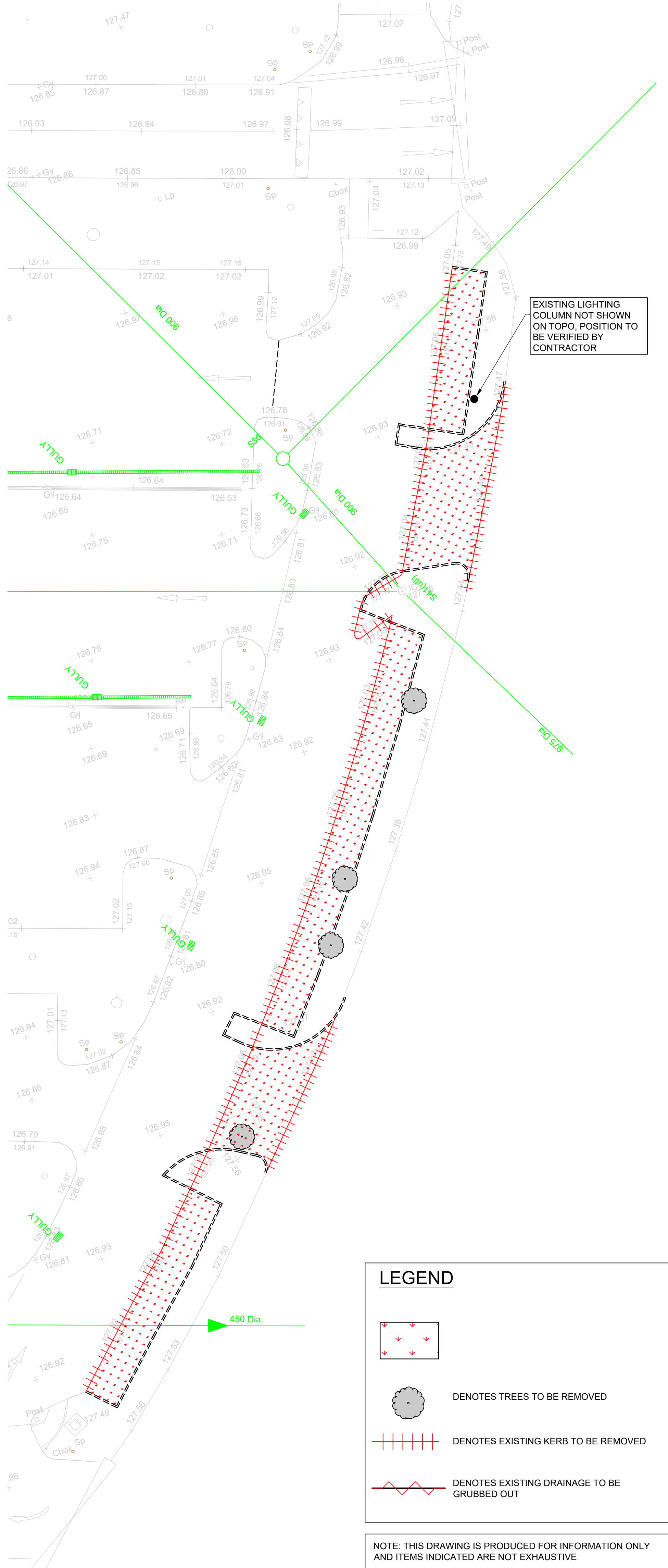




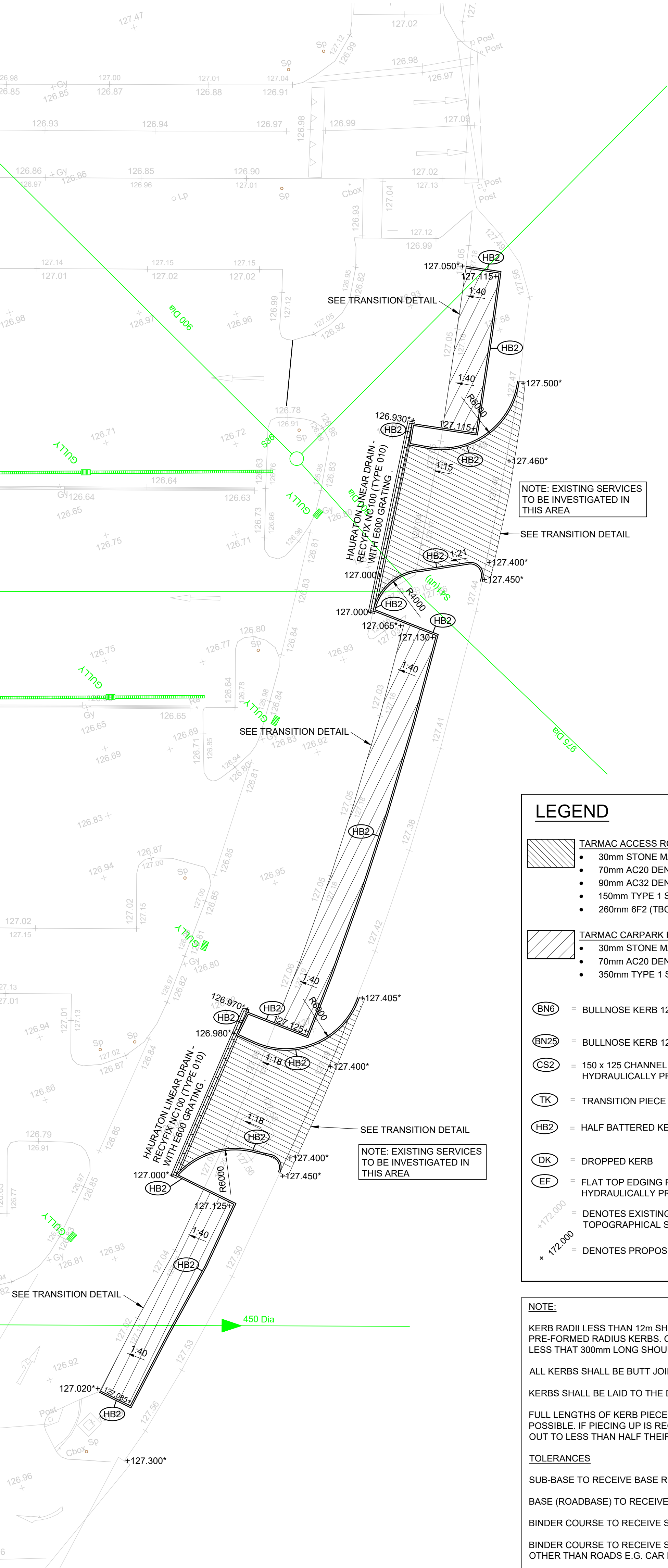
SITE PREPARATION
1:200

LEGEND

- DENOTES TREES TO BE REMOVED
- ++++ DENOTES EXISTING KERB TO BE REMOVED
- DENOTES EXISTING DRAINAGE TO BE GRUBBED OUT

NOTE: THIS DRAWING IS PRODUCED FOR INFORMATION ONLY AND ITEMS INDICATED ARE NOT EXHAUSTIVE

THIS DRAWING IS BASED ON CATERPILLAR AS-BUILT INFORMATION 'SITE SERVICES' AND 'CAT UCL TOPOGRAPHICAL SURVEY 17.03.23 3D'



EXTERNAL WORKS
1:200

LEGEND

- TARMAC ACCESS ROAD**
 - 30mm STONE MASTIC ASPHALT SURF 40/60
 - 70mm AC20 DENSE BINDER 40/60
 - 90mm AC32 DENSE BASE 40/60
 - 150mm TYPE 1 SUBBASE
 - 260mm 6F2 (TBC ON RECEIPT OF CBR'S)
- TARMAC CARPARK ROAD**
 - 30mm STONE MASTIC ASPHALT SURF 40/60
 - 70mm AC20 DENSE BINDER 40/60
 - 350mm TYPE 1 SUBBASE
- BULLNOSE KERB 125 x150 6mm UPSTAND**
- BULLNOSE KERB 125 x 150 (SEE DETAIL)**
- 150 x 125 CHANNEL BLOCK FROM PRE CAST HYDRAULICALLY PRESSED CONCRETE (FLUSH)**
- TRANSITION PIECE BN TO HB**
- HALF BATTERED KERB (100mm UPSTAND)**
- DROPPED KERB**
- FLAT TOP EDGING FROM PRE CAST HYDRAULICALLY PRESSED CONCRETE**
- DENOTES EXISTING LEVELS TAKEN FROM TOPOGRAPHICAL SURVEY**
- DENOTES PROPOSED LEVELS**

NOTE:

KERB RADII LESS THAN 12m SHALL BE FORMED USING PRE-FORMED RADIUS KERBS. OTHERWISE STRAIGHTS OF NOT LESS THAN 300mm LONG SHOULD BE USED WITH MITRE CUTS.

ALL KERBS SHALL BE BUTT JOINTED

KERBS SHALL BE LAID TO THE DESIGN LEVEL +/- 6mm

FULL LENGTHS OF KERB PIECES SHALL BE USED WHERE POSSIBLE. IF PIECING UP IS REQUIRED UNITS SHALL NOT BE OUT TO LESS THAN HALF THEIR LENGTH

TOLERANCES

SUB-BASE TO RECEIVE BASE ROAD-BASE +/- 30mm

BASE (ROADBASE) TO RECEIVE BINDER COURSE +/- 15mm

BINDER COURSE TO RECEIVE SURFACE COURSE +/- 6mm

BINDER COURSE TO RECEIVE SURFACE COURSE ON AREAS OTHER THAN ROADS E.G. CAR PARKS, +/- 10mm

SURFACE COURSE +/- 6mm

THE SUM OF THE DEVIATIONS IN THE LEVELS OF DIFFERENT PAVEMENTS LAYERS SHALL NOT RESULT IN A REDUCTION OF THE REQUIRED DESIGN THICKNESS BY MORE THAN 8.5% OR IN THE OVERALL SURFACE COURSE THICKNESS BY MORE THEN 5mm

NOTE:

KERB RADII LESS THAN 12m SHALL BE FORMED USING PRE-FORMED RADIUS KERBS. OTHERWISE STRAIGHTS OF NOT LESS THAN 300mm LONG SHOULD BE USED WITH MITRE CUTS.

ALL KERBS SHALL BE BUTT JOINTED

KERBS SHALL BE LAID TO THE DESIGN LEVEL +/- 6mm

FULL LENGTHS OF KERB PIECES SHALL BE USED WHERE POSSIBLE. IF PIECING UP IS REQUIRED UNITS SHALL NOT BE OUT TO LESS THAN HALF THEIR LENGTH

TOLERANCES

SUB-BASE TO RECEIVE BASE ROAD-BASE +/- 30mm

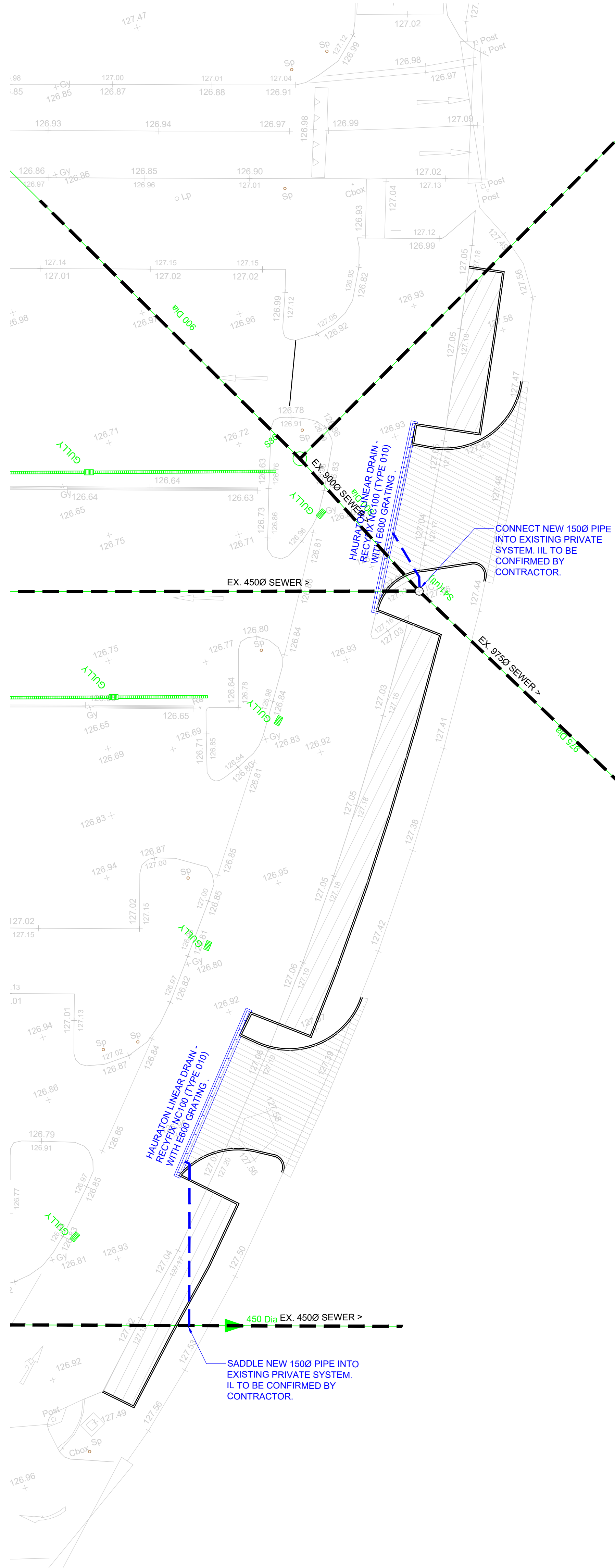
BASE (ROADBASE) TO RECEIVE BINDER COURSE +/- 15mm

BINDER COURSE TO RECEIVE SURFACE COURSE +/- 6mm

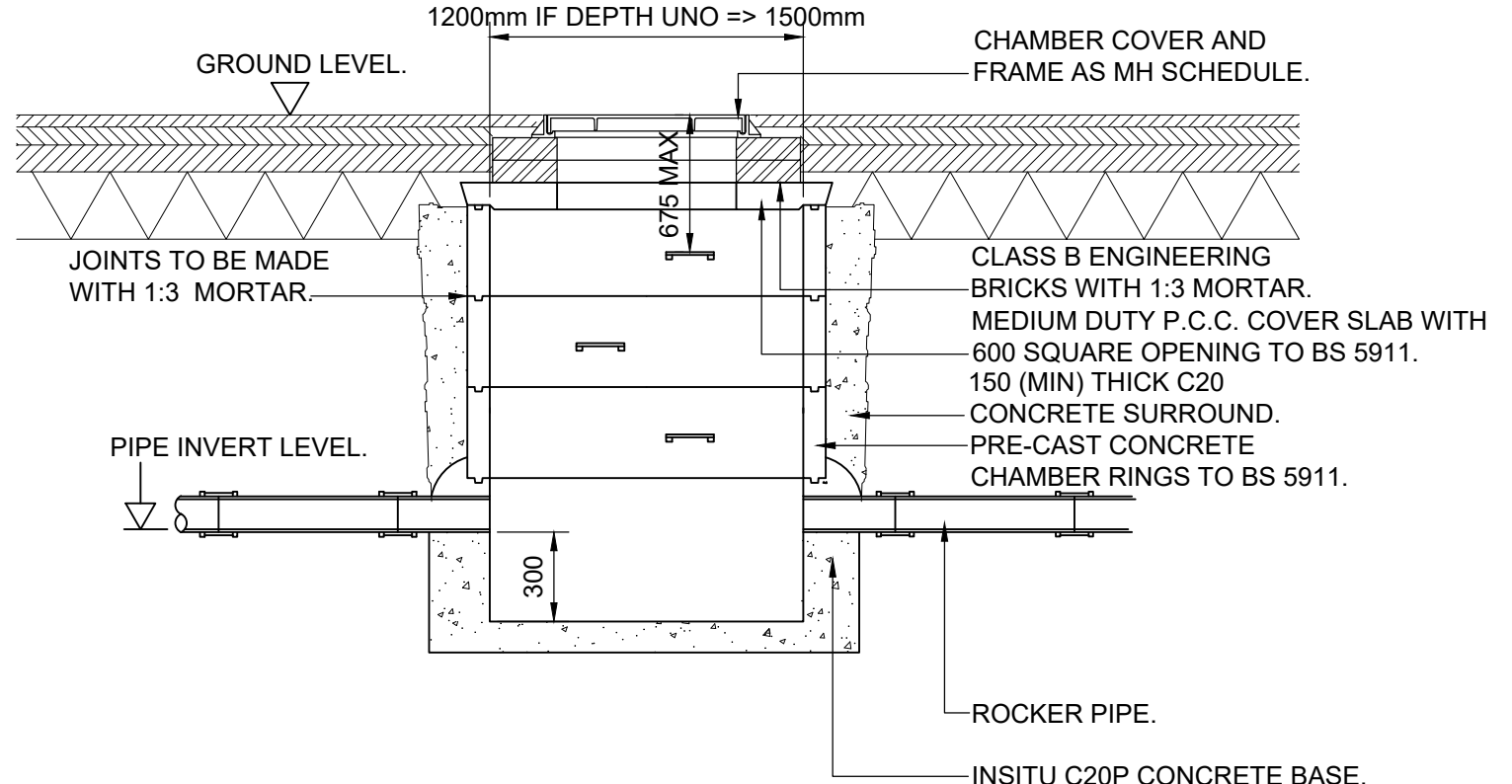
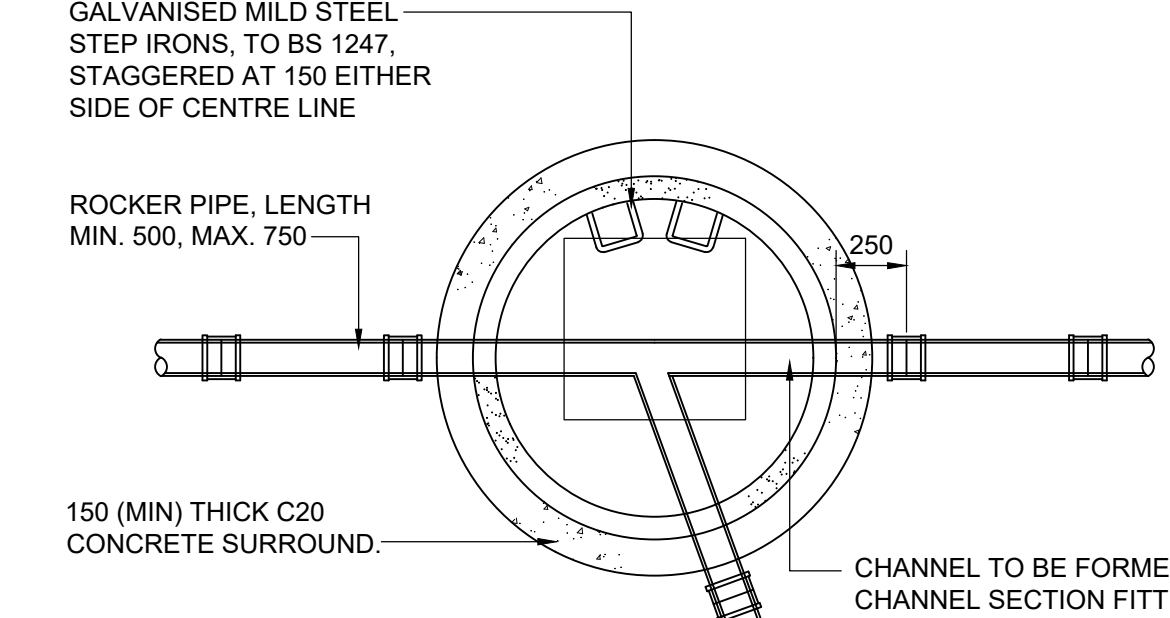
BINDER COURSE TO RECEIVE SURFACE COURSE ON AREAS OTHER THAN ROADS E.G. CAR PARKS, +/- 10mm

SURFACE COURSE +/- 6mm

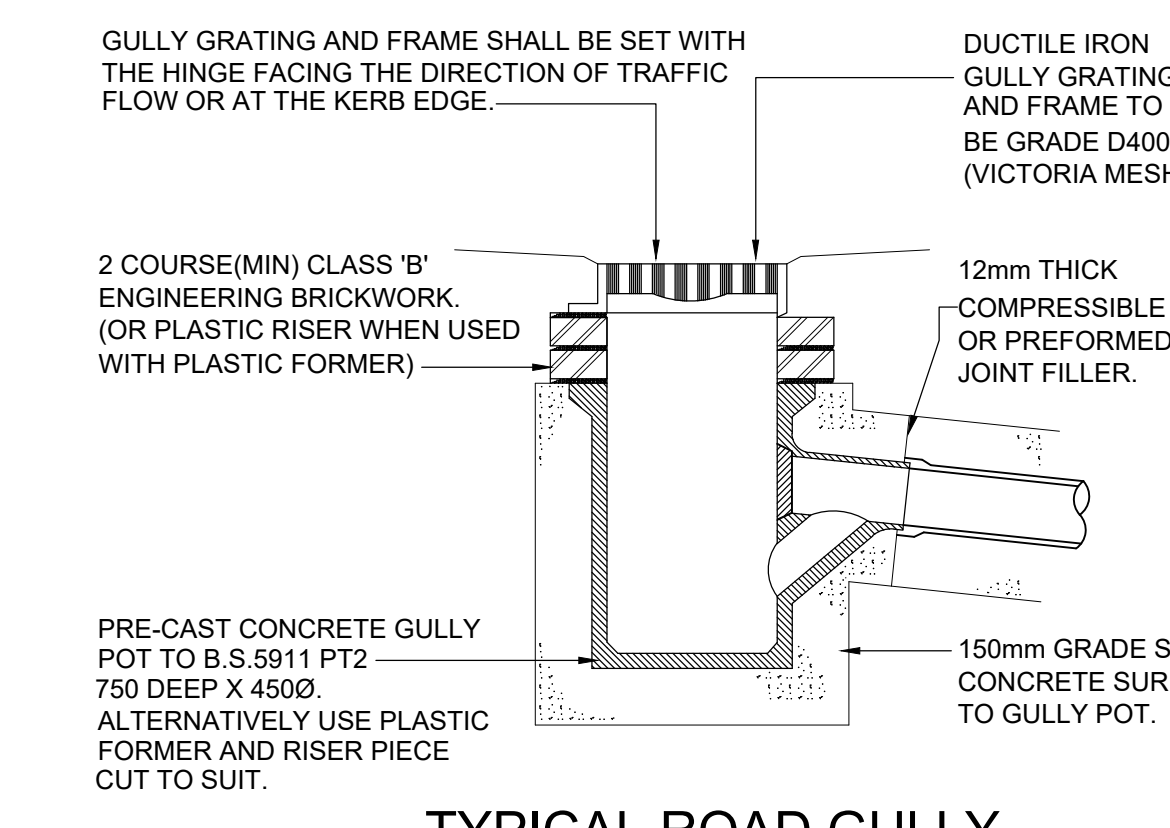
THE SUM OF THE DEVIATIONS IN THE LEVELS OF DIFFERENT PAVEMENTS LAYERS SHALL NOT RESULT IN A REDUCTION OF THE REQUIRED DESIGN THICKNESS BY MORE THAN 8.5% OR IN THE OVERALL SURFACE COURSE THICKNESS BY MORE THEN 5mm



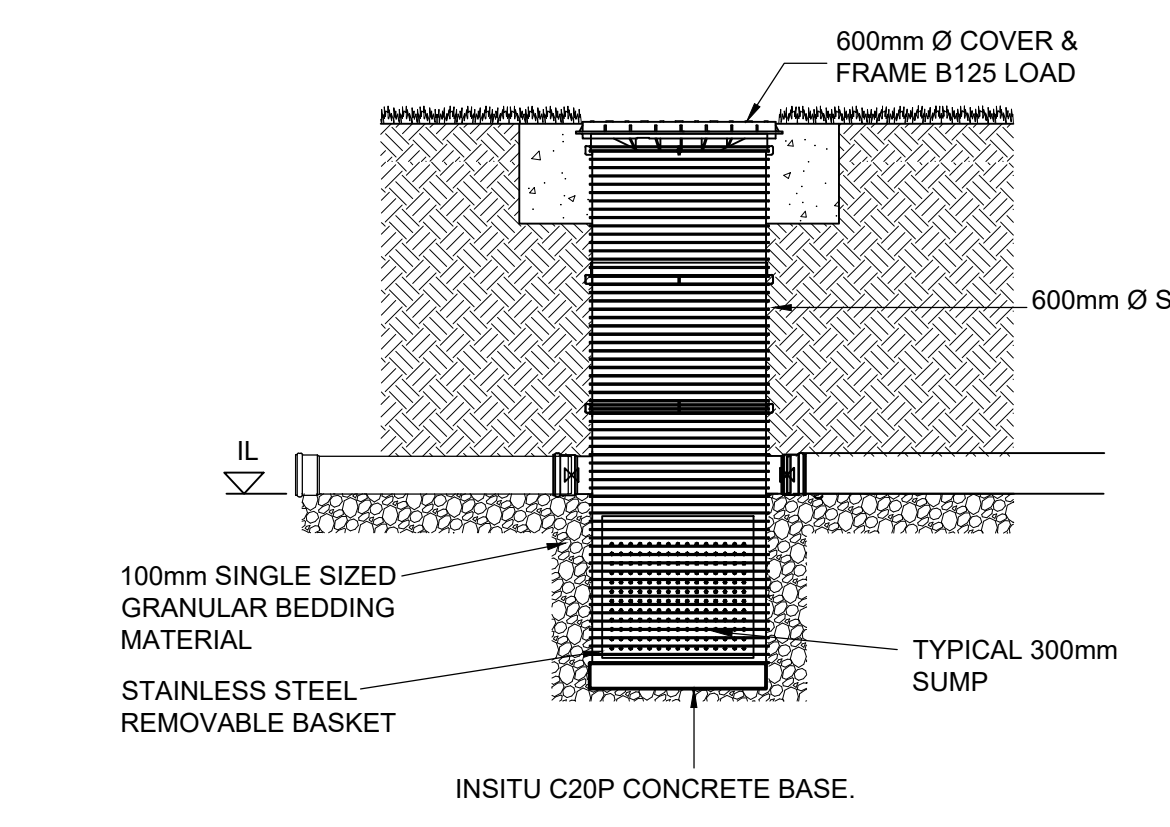
DRAINAGE LAYOUT
1:200



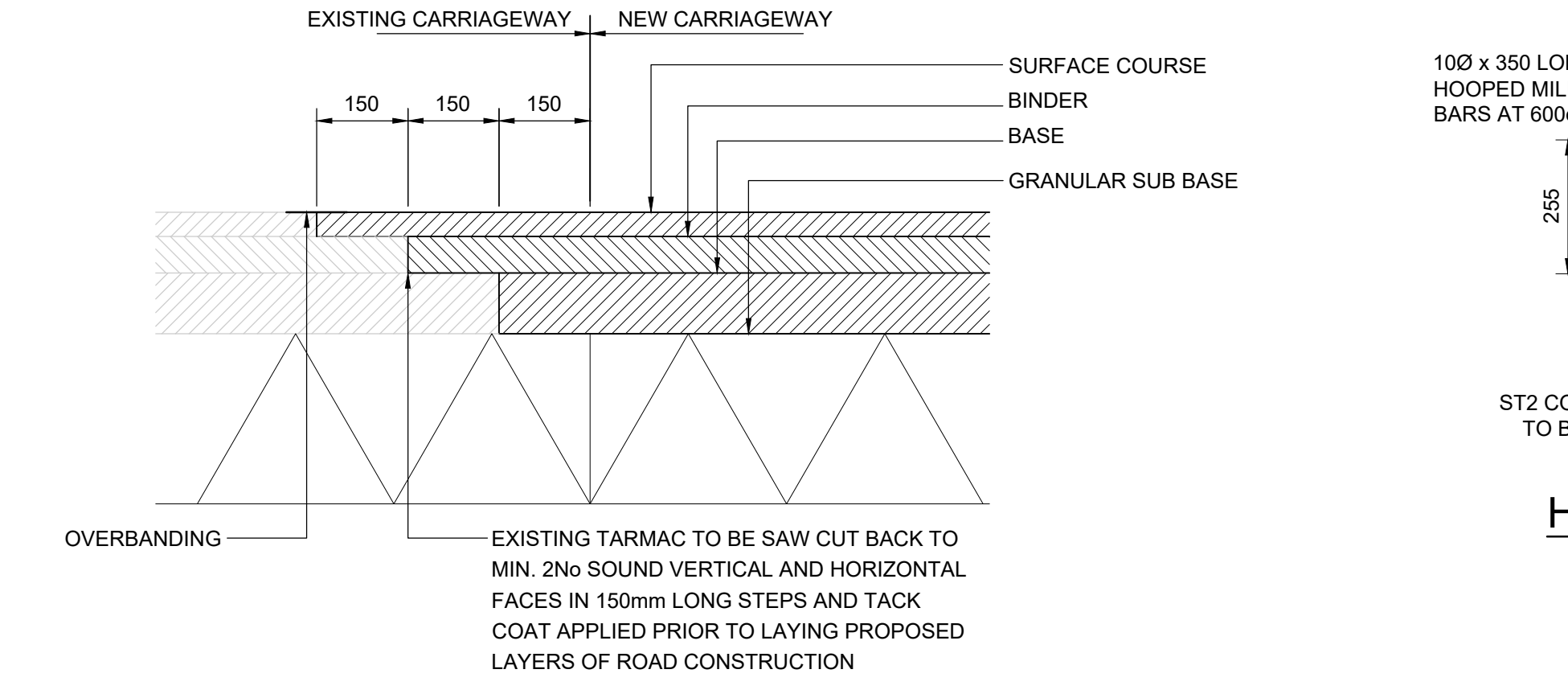
PRE-CAST CONCRETE CHAMBER WITH SUMP
1:25



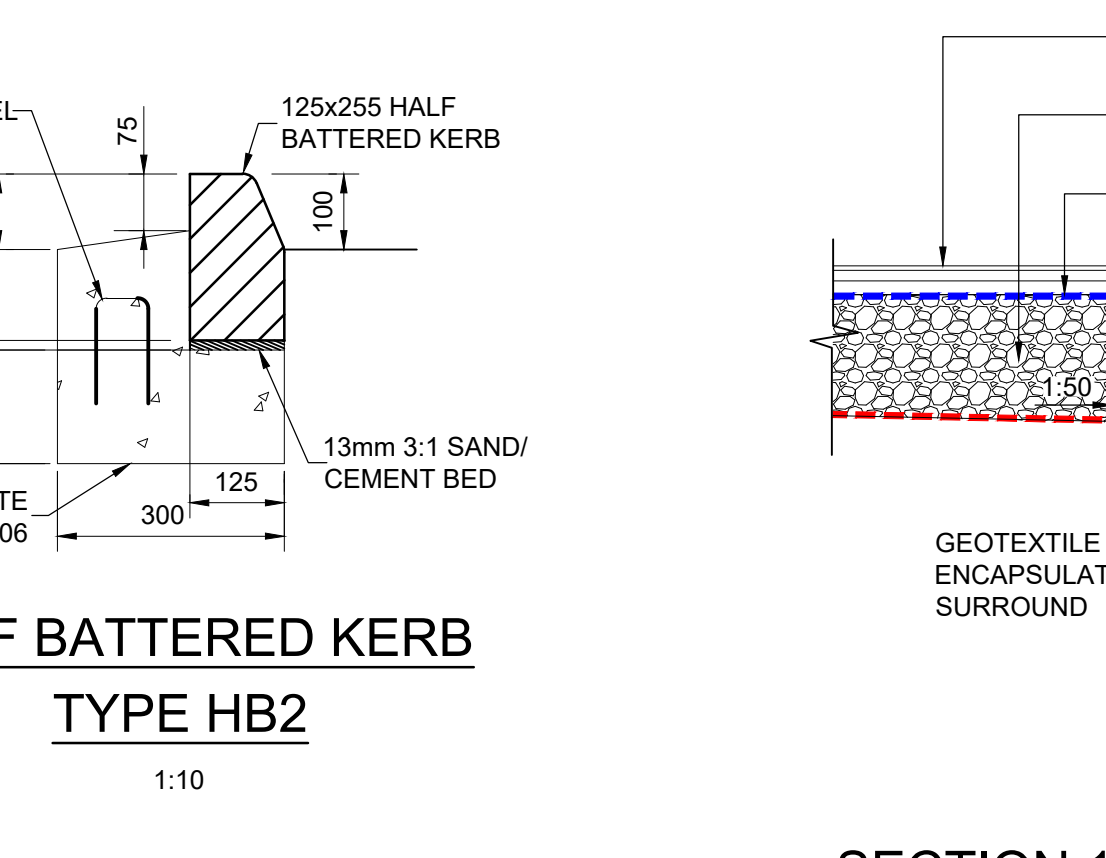
TYPICAL ROAD GULLY
1:10



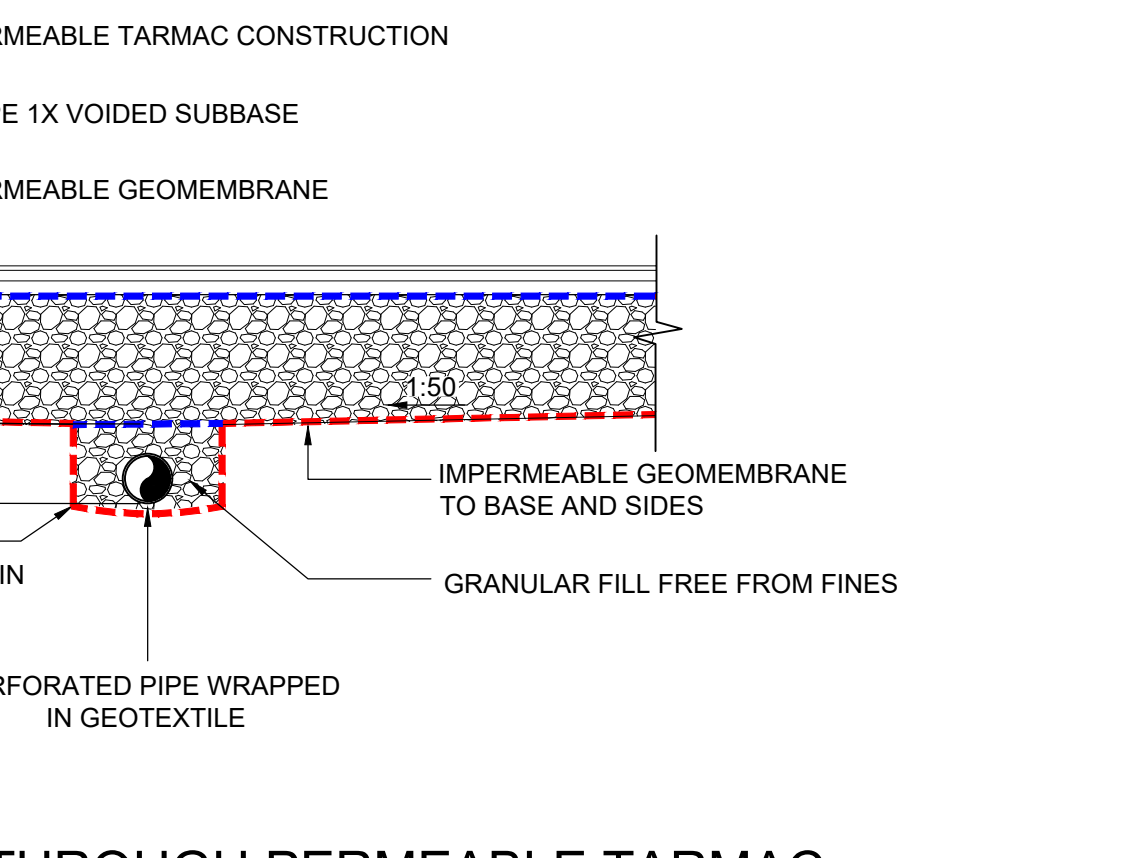
PLASTIC CATCHPIT / SILT TRAP MANHOLE
1:20



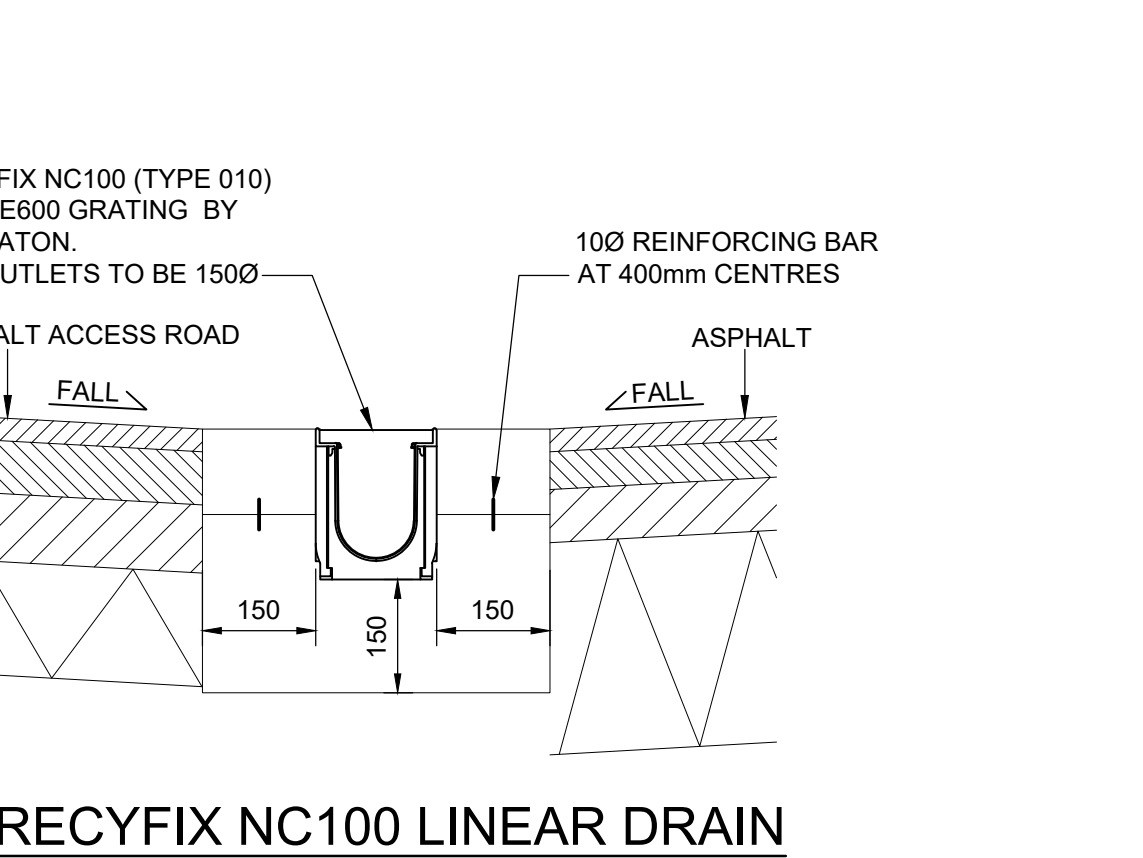
TARMAC REINSTATEMENT DETAIL
1:10



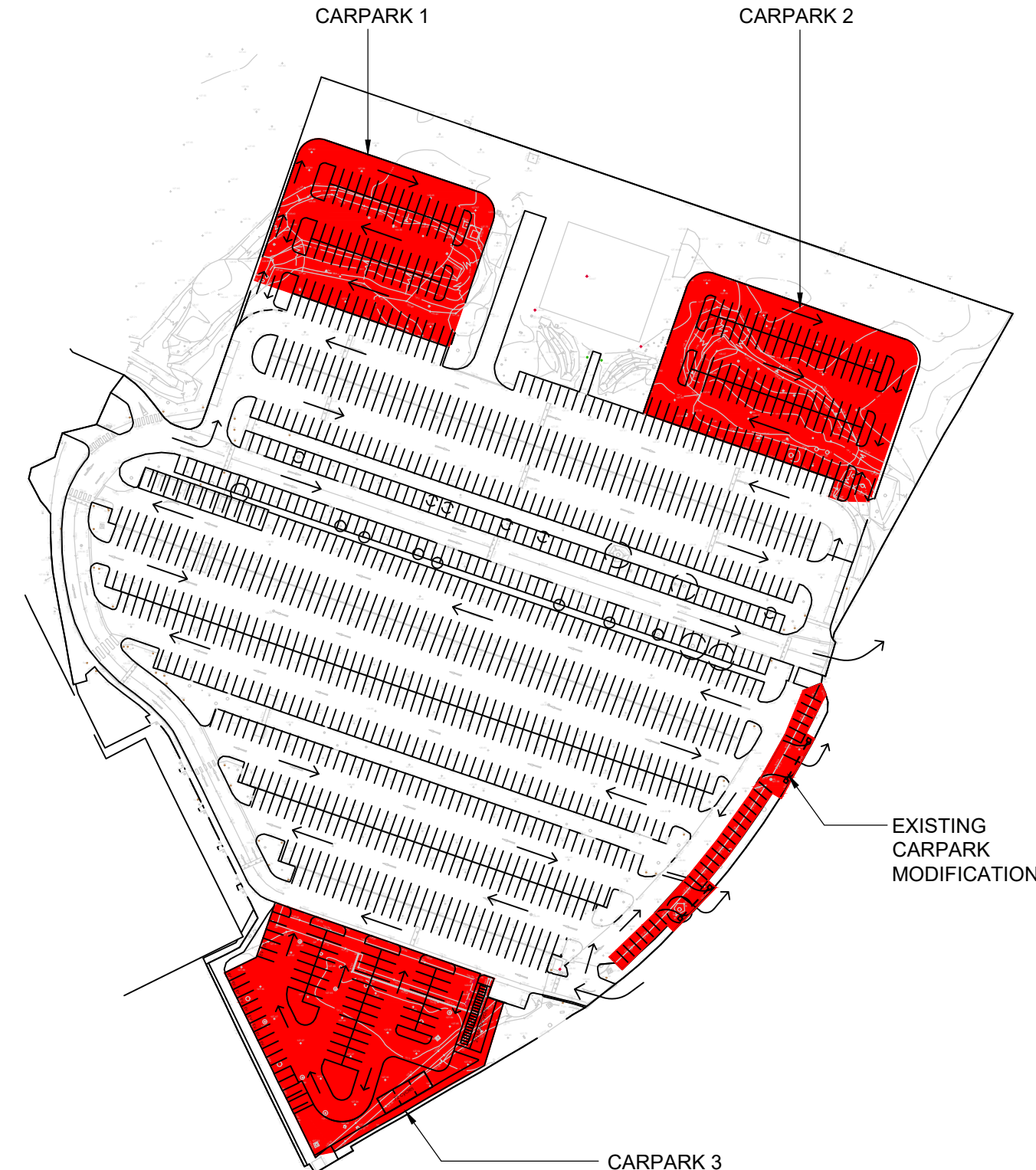
HALF BATTERED KERB TYPE HB2
1:10



SECTION 1-1 THROUGH PERMEABLE TARMAC
1:50



RECYFIX NC100 LINEAR DRAIN DETAIL AT ACCESS ROAD
1:10



KEY PLAN
NTS

HEALTH AND SAFETY NOTES:

THE FOLLOWING KEY RESIDUAL HEALTH AND SAFETY RISKS HAVE NOT BEEN ELIMINATED BY DESIGN AND ARE IDENTIFIED BELOW:

- REFER TO DESIGN RISK ASSESSMENT, REF 2023097-DRA

SAFE METHODS AND SYSTEMS OF WORK REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING SPECIFICATIONS: 2023097-PCE-XX-XX-S-001 AND 2023097-PCE-XX-XX-SP-C-005-C-001 DRAINAGE

ALL DRAINS WITH LESS THAN 1.2m COVER (FROM FINISHED GROUND LEVEL TO CROWN OF PIPE) ARE TO BE CONCRETE ENCASED.

ALL BRANCHES FROM GULLIES TO BE 1500

PORTLAND CONSULTING ENGINEERS

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CLIENT: JUL DESIGN AND BUILD

PROJECT TITLE: NEW PARKING PROVISIONS
CATERPILLAR UK LTD
PECKLETON LANE, DESFORD

DRAWING TITLE: EXISTING CARPARK MODIFICATIONS
SITE PREPARATION, DRAINAGE AND EXTERNAL WORKS

SCALE: AS SHOWN SHEET SIZE: A0

DRAWING BY: MQ CHECKED BY: MG APPROVED BY: MG DATE: 15/03/24

DRAWING STATUS: COMMENT: SUITABILITY

PROJECT / DRAWING NUMBER: 2023097-PCE-XX-XX-DR-C-006 REVISION: 0

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