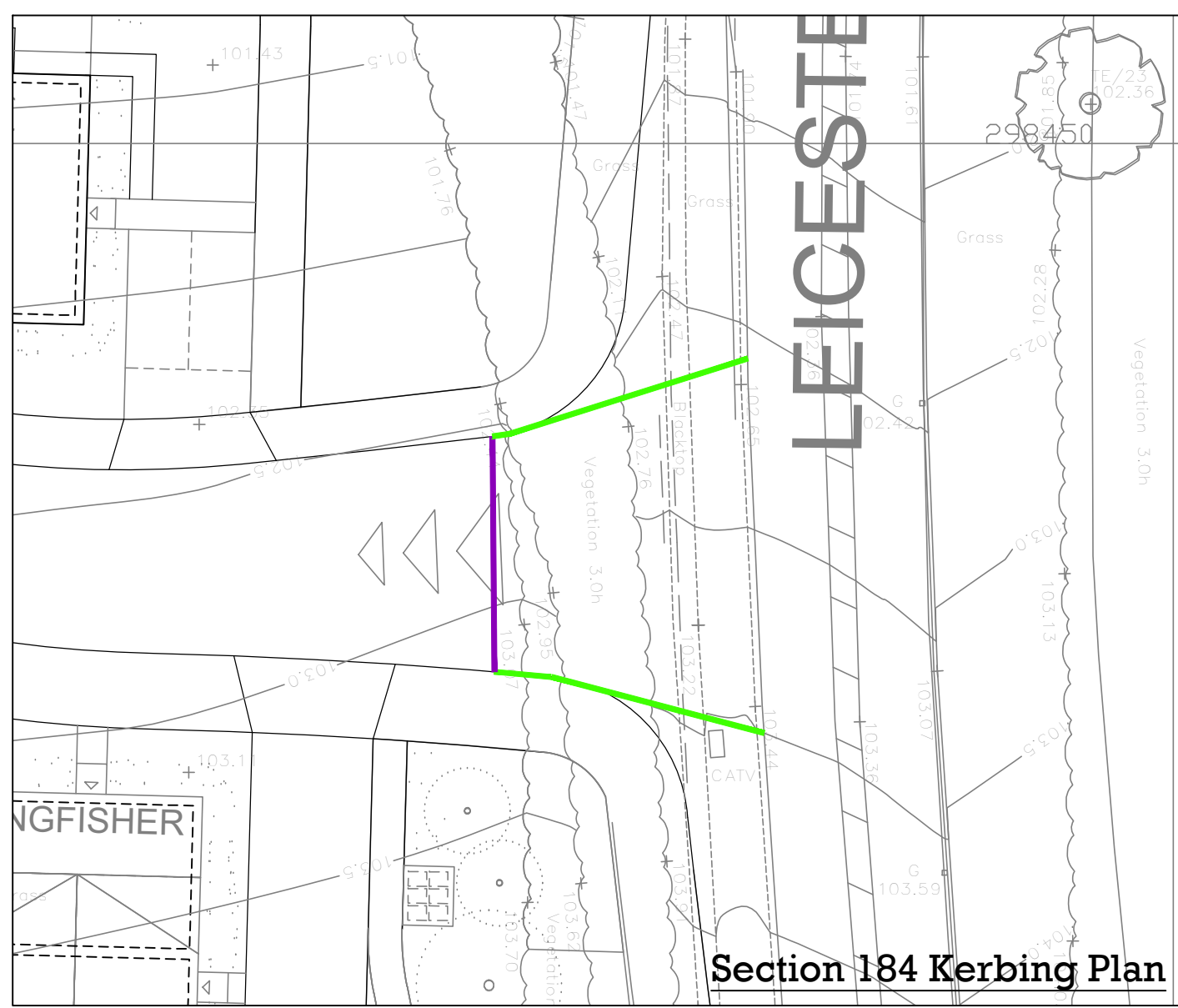
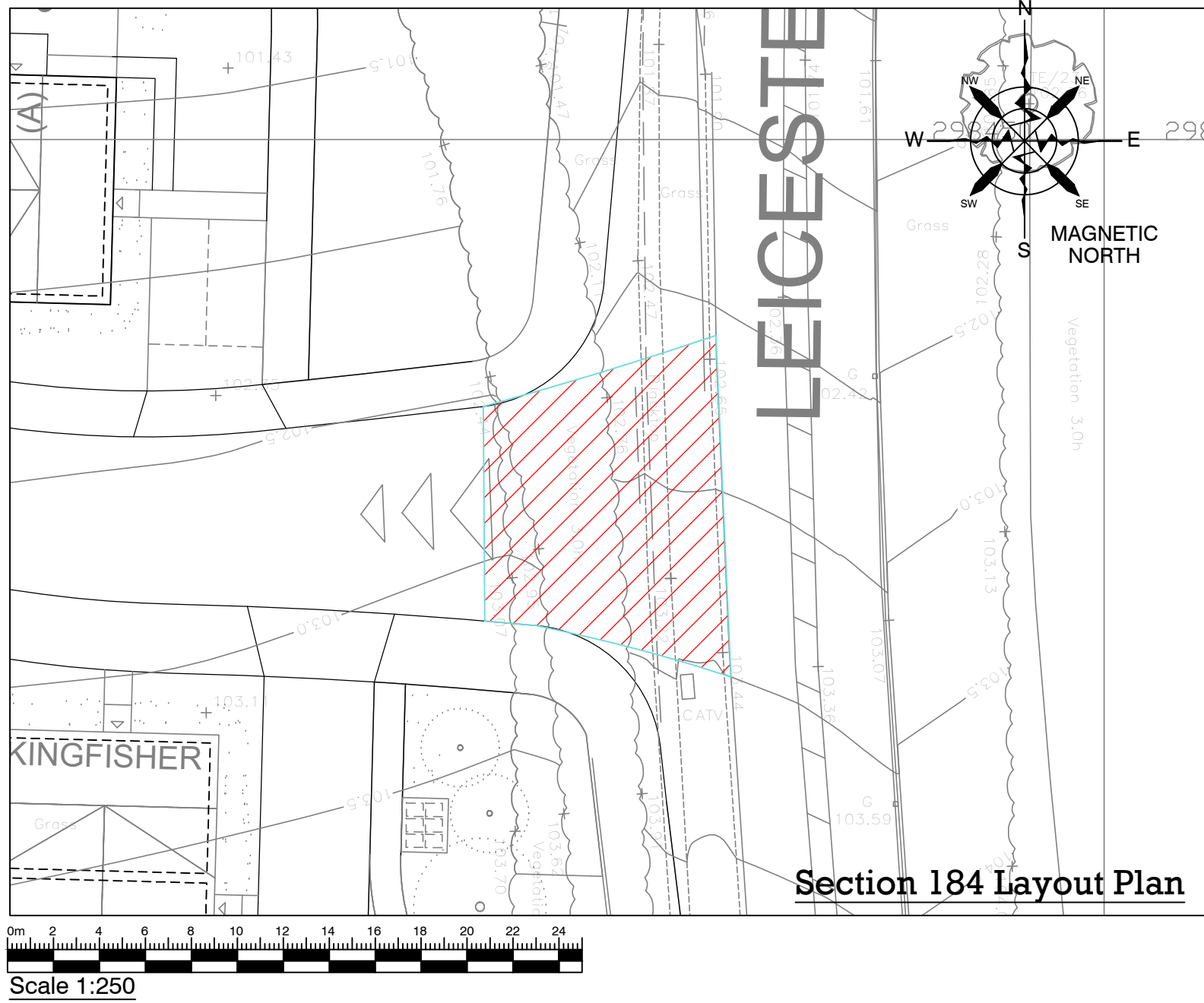
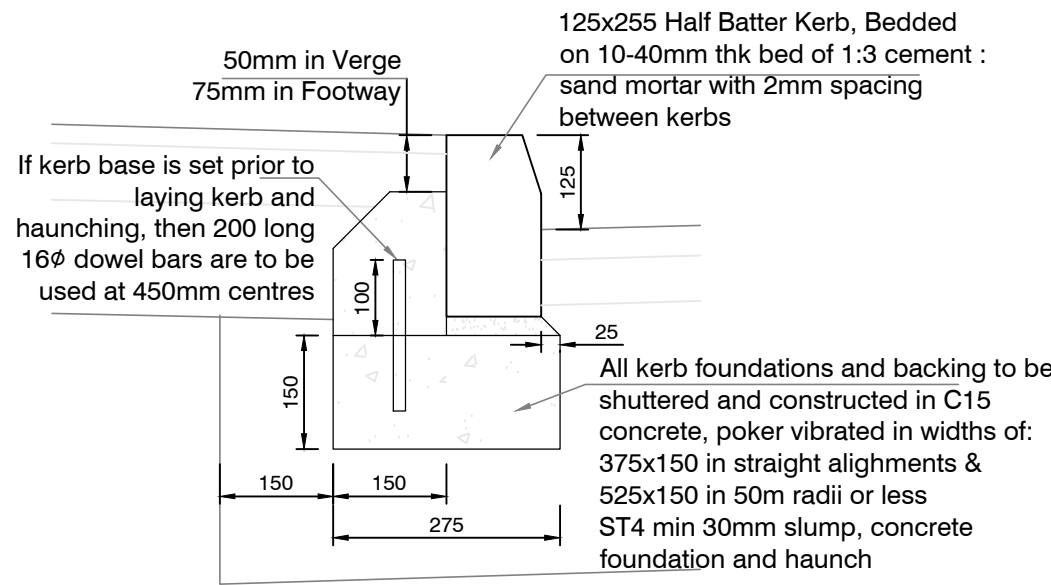




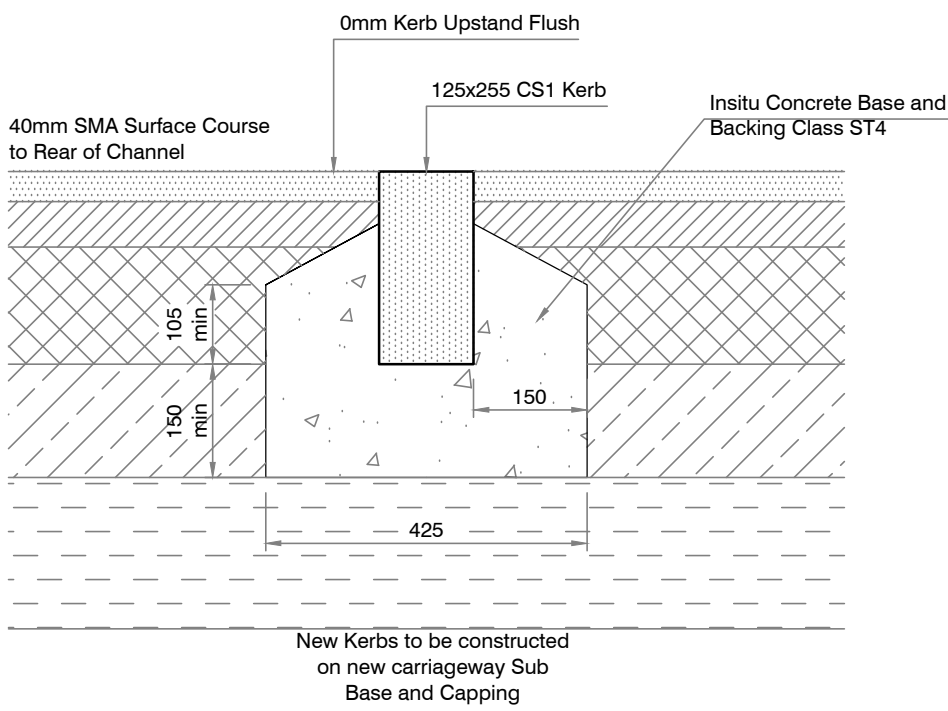
Material within 450mm of the finished road surface must not be frost susceptible



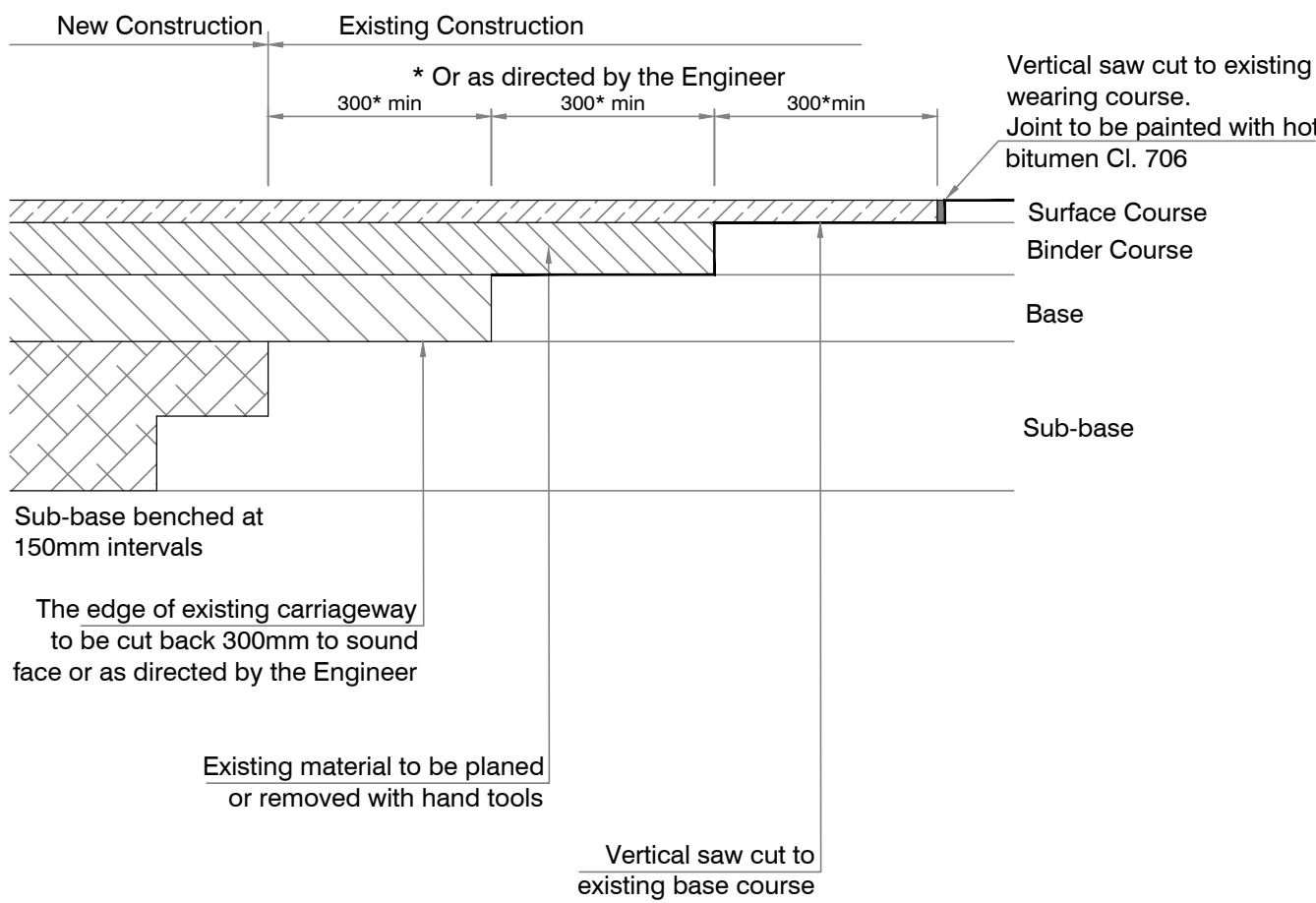
125x255mm Half Battered Kerb
Type HB2

TABLE MC4: Carriageway Sub base and Capping Thickness						
CBR% Value	Min 450mm Frost Susceptibility (see clause 4.64)					
	Access Road (250mm Bituminous layer)		Access Way (200mm Bituminous layer)		Industrial Road (300mm Bituminous layer)	
	Capping (mm)	Sub base (mm)	Capping (mm)	Sub base (mm)	Capping (mm)	Sub base (mm)
Less than 2	550	200	500	250	600	150
2	400	200	350	250	450	150
3	300	200	250	250	350	150
4	250	200	200	250	300	150
5 to 15	200	200	200	250	250	150
More than 15		200		250		150

- (a) The foundation design should not vary frequently along the road. You should select an appropriate value for each significant change in the subgrade properties
- (b) Where the equilibrium CBR falls between values in the above table, you should round down the value to the lower value.
- (c) When the subgrade CBR is sufficiently below 2% that capping with sub base is not sufficient to support the pavement, special measures will be required. You can find advice in DMRB 7.2.2 HD25/94.



TYPICAL CS1 Kerb
SCALE 1:10



Tie in to Existing Carriageway.

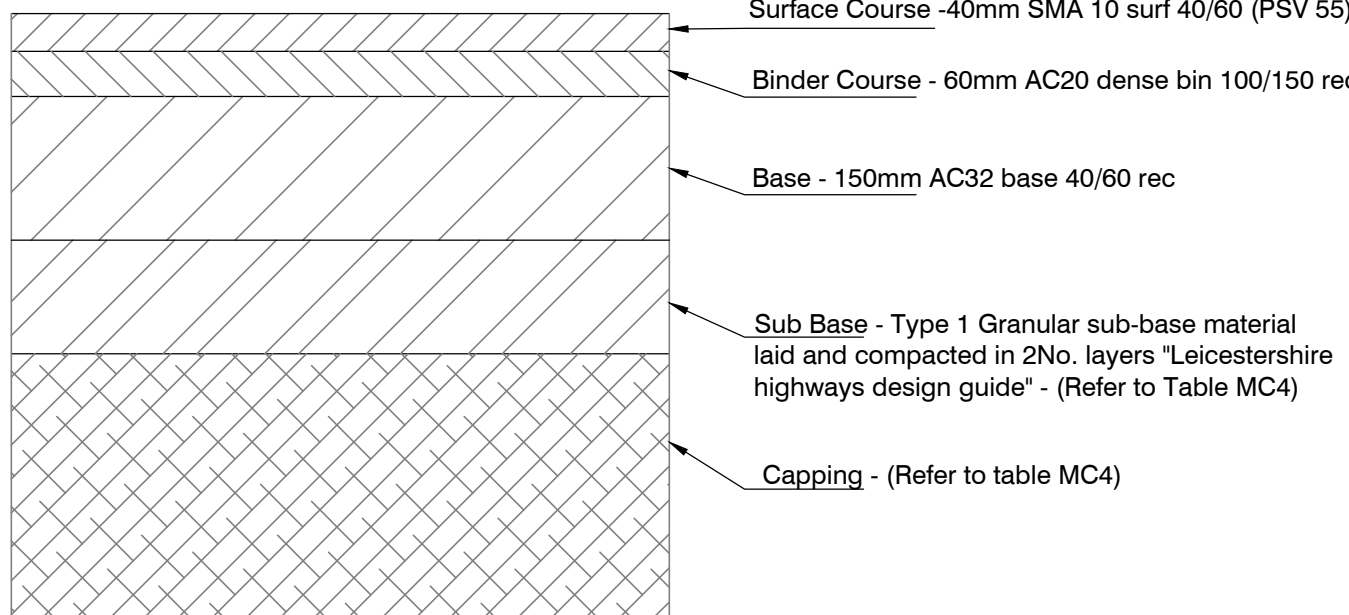
Note

Capping Material

You will need approval for each site for the capping layer which must comply with our SHW Table 6/1, Type 6F2 or 6F3. You must test the capping layer as necessary to demonstrate that it has an in-situ CBR of 15% (or equivalent test results).

Sub-base

Sub-base must be type 1 to clause 803 of the National Highways Specification



Full Carriageway Construction

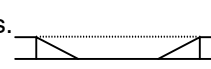
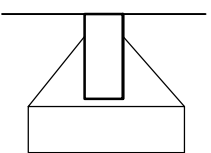
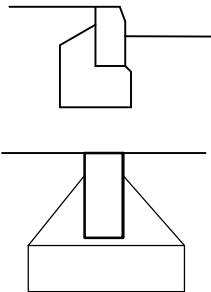
KEY

HB2 KERB
125mm kerf face

CS1 Channel Kerb
Laid Flush
255 x 125

Drop Kerb with Transition Kerbs.
Dropper to extend 500mm past
driveway for turning access.
3<6mm kerb face at pedestrian
crossings

Section 184 Extent of Works

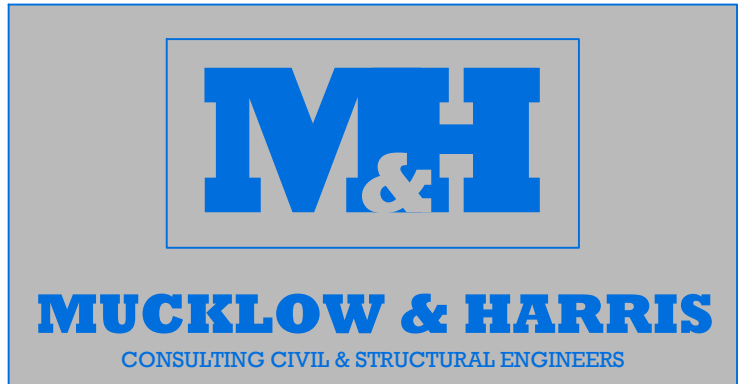


Notes

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REV DATE AMENDMENT BY



DRAWING STATUS: PRELIMINARY

CLIENT Vistry Partnerships

PROJECT Leicester Road, Earl Shilton

TITLE Section 184 Detail Plan

DATE 08.10.24 DRAWN JLC
SCALE As Shown SIZE A1 CHECKED RAA

DRAWING NUMBER 24000-190 REVISION