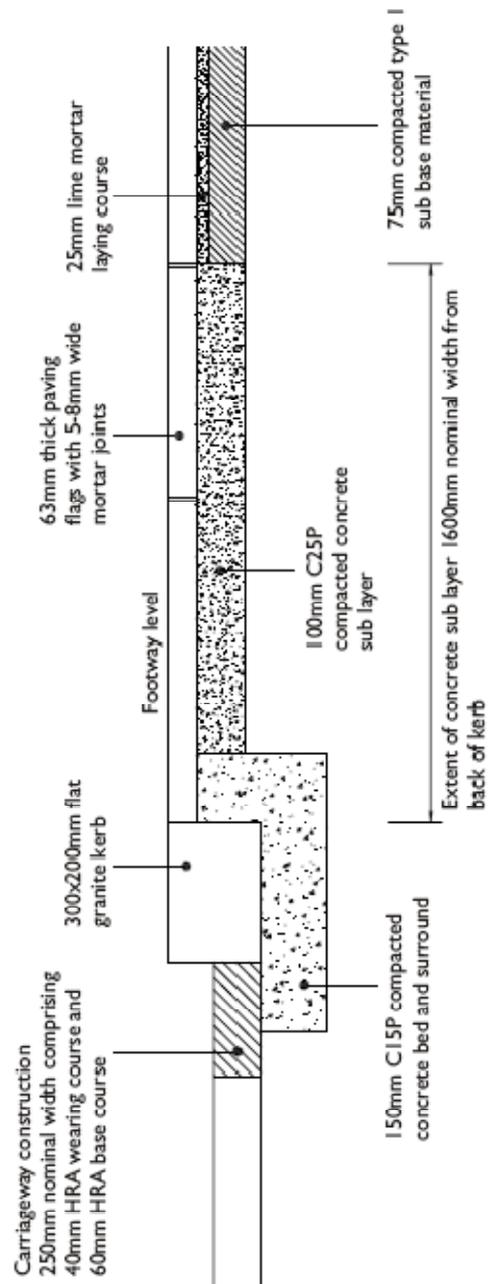


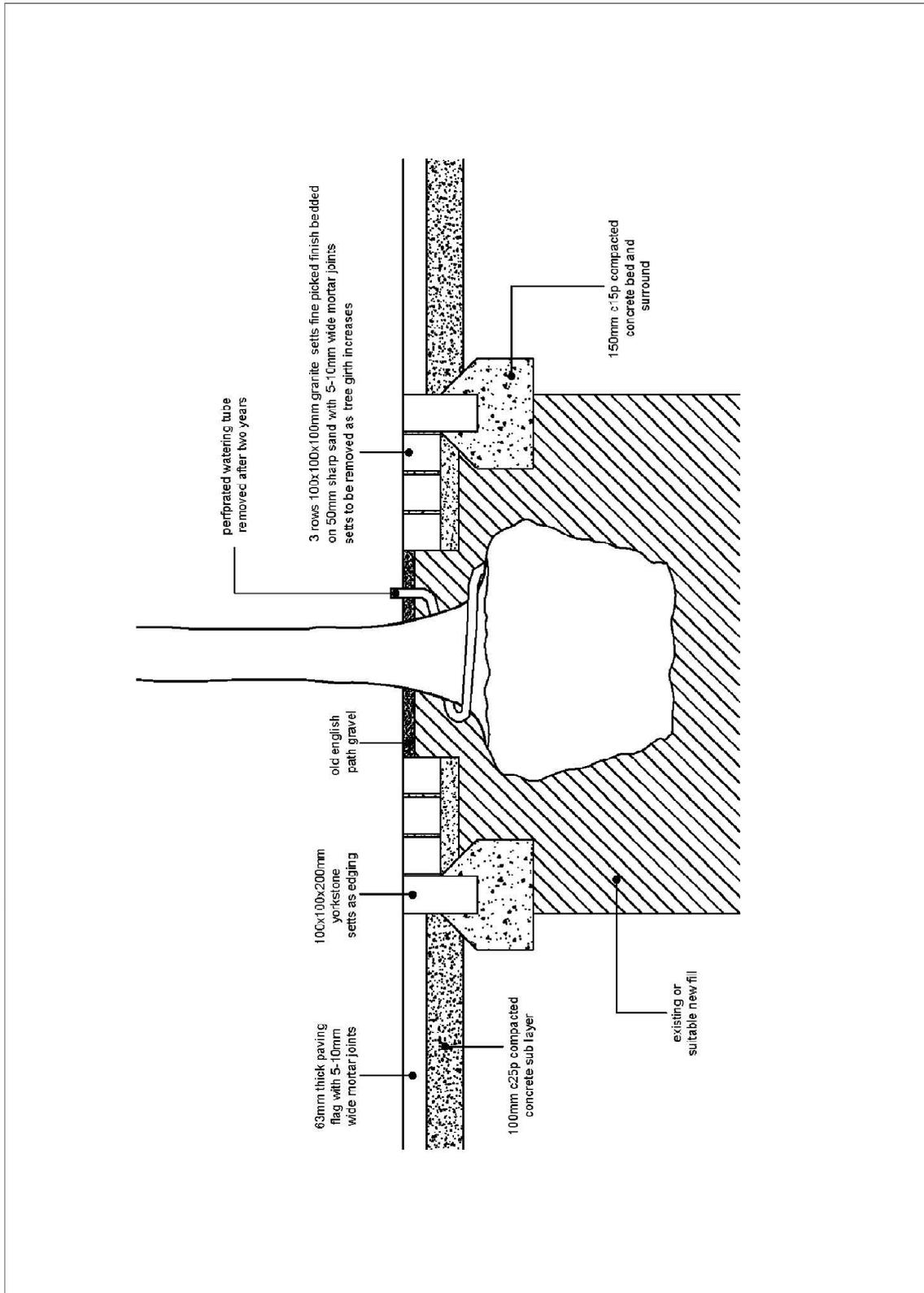
Key Points:

No small element paving, only full size slabs used



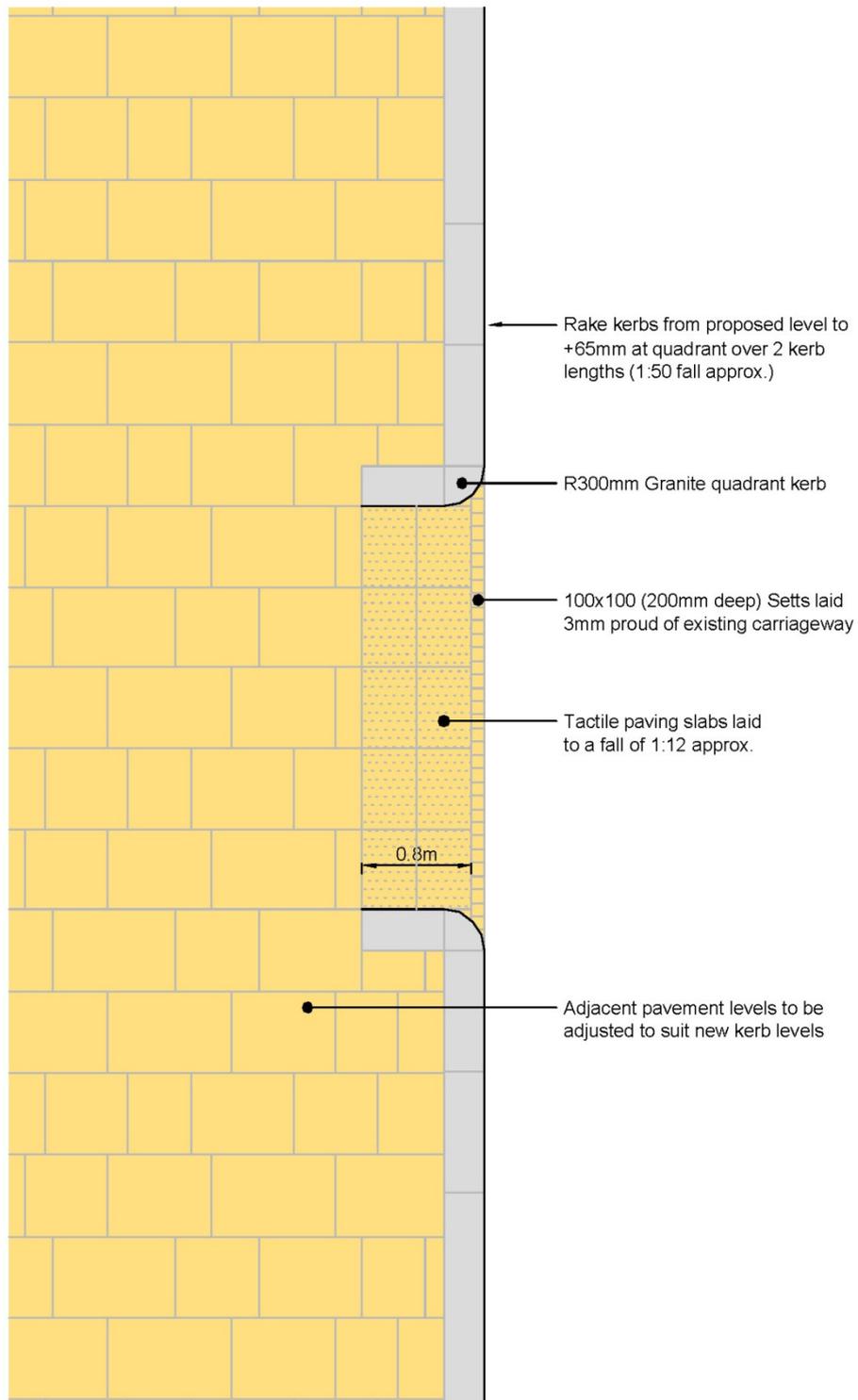
Key points:

Concrete verge to minimise damage to footway



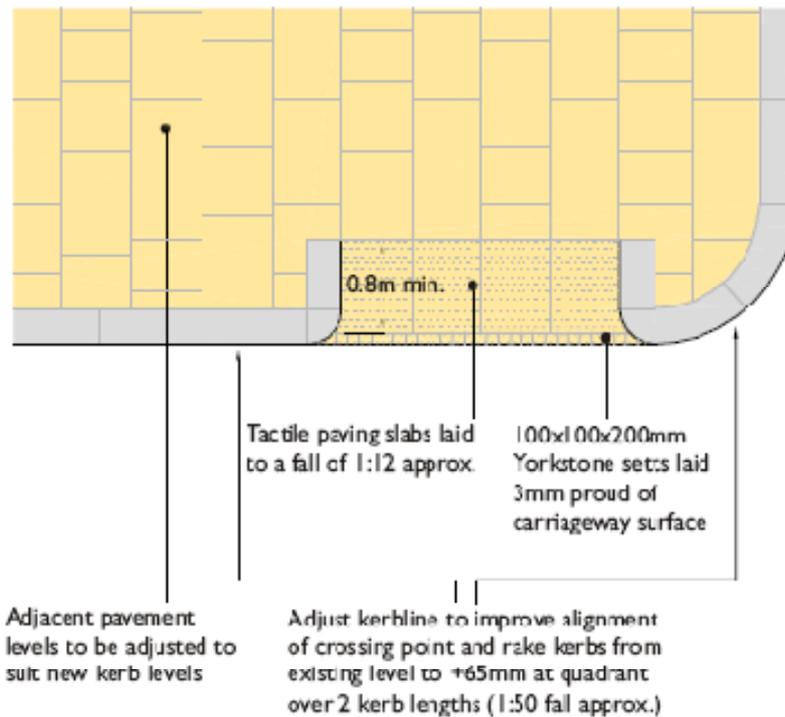
Note: other similar self-binding material may be used in place of Old English path gravel



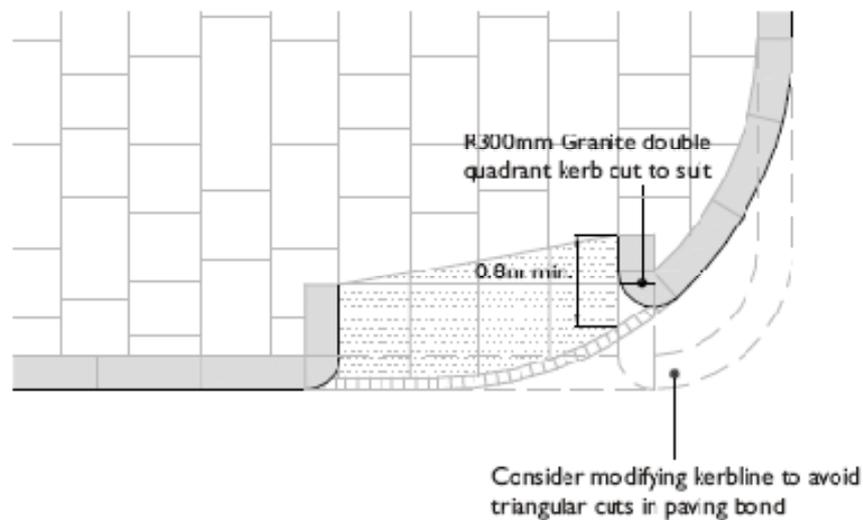


Key points:

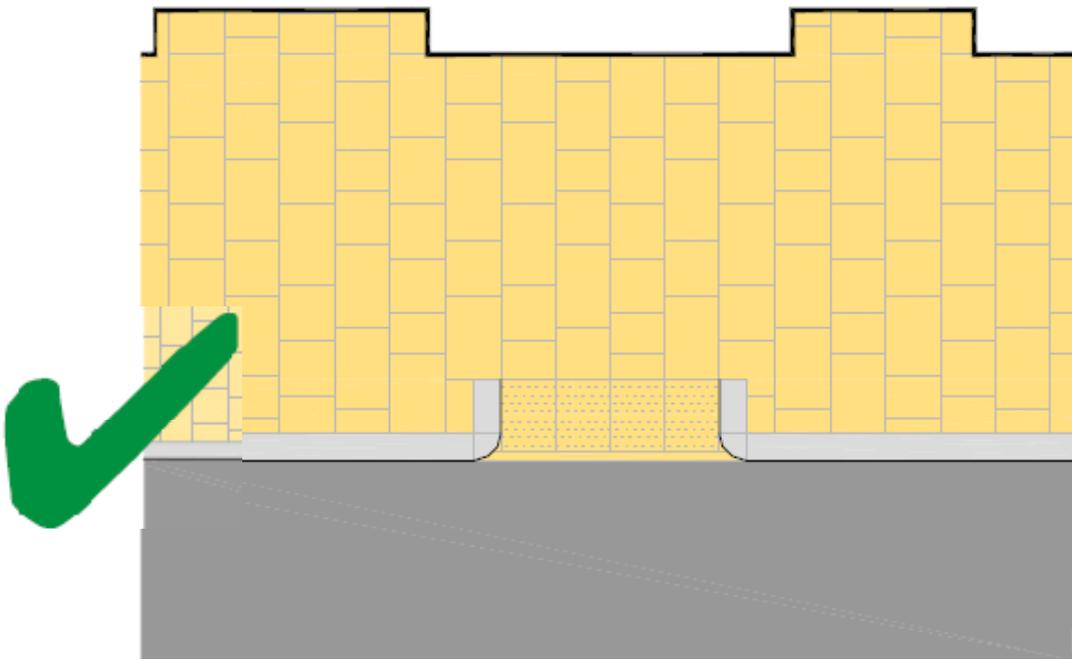
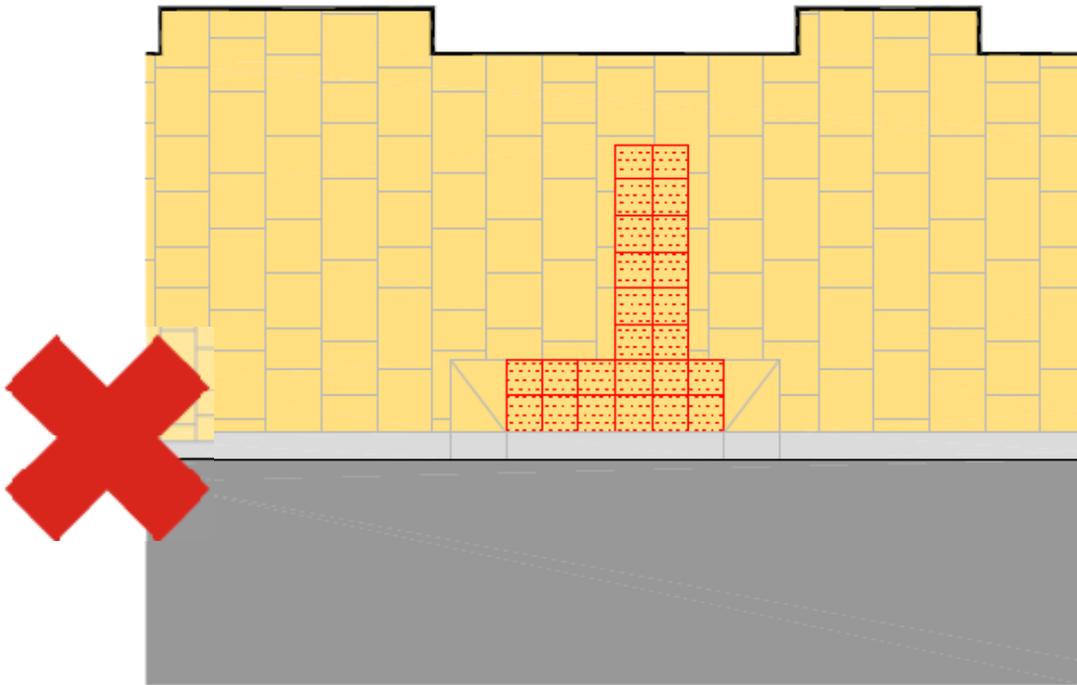
No tactile 'tails' extending to the back of footway



KERB RADIUS ALTERED TO IMPROVE ALIGNMENT OF CROSSING

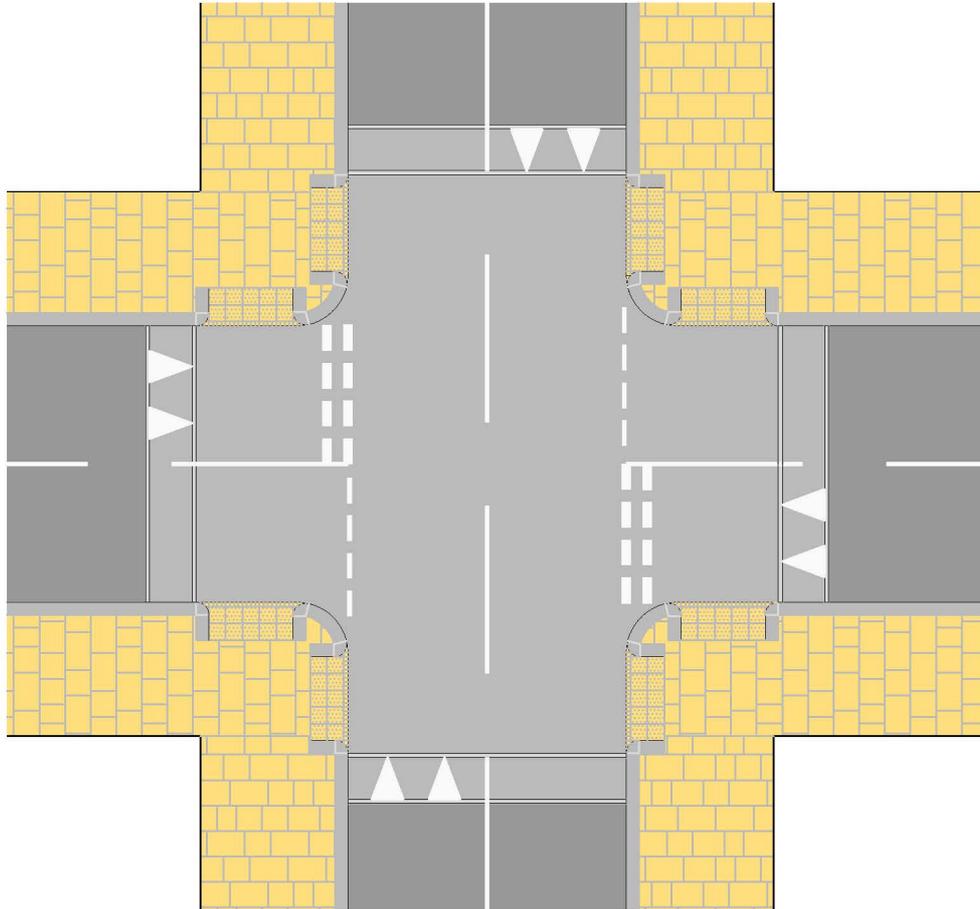


KERB DETAIL ON RADIUS



Key points:

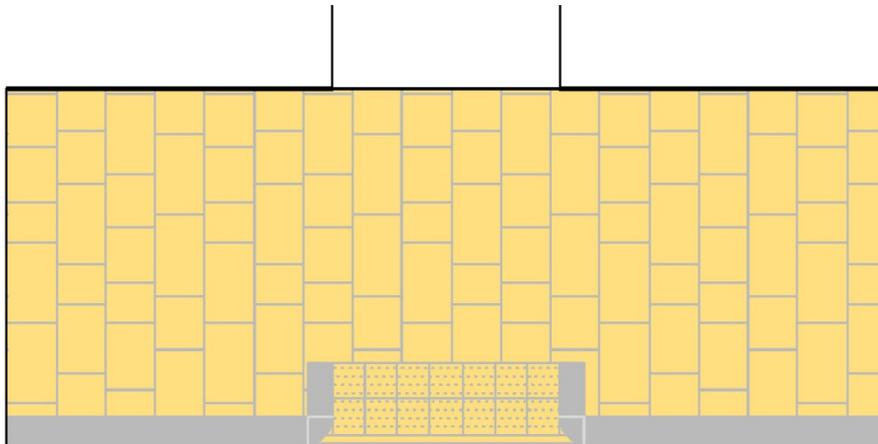
- No tactile 'tail' to back of footway
- Colour of tactile to blend in with surrounding paving
- Quadrant kerbs
- No diagonal cuts to paving slabs



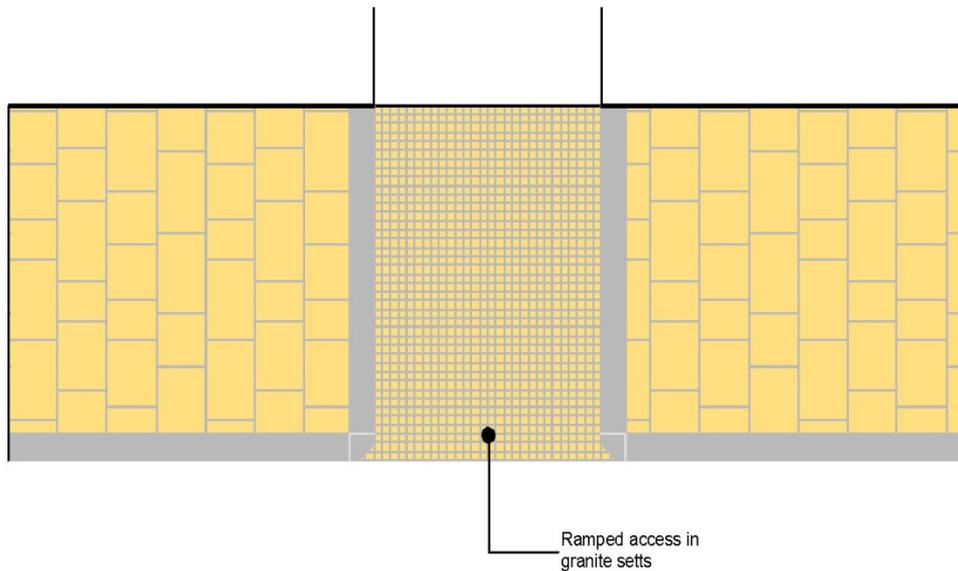
Key Points:

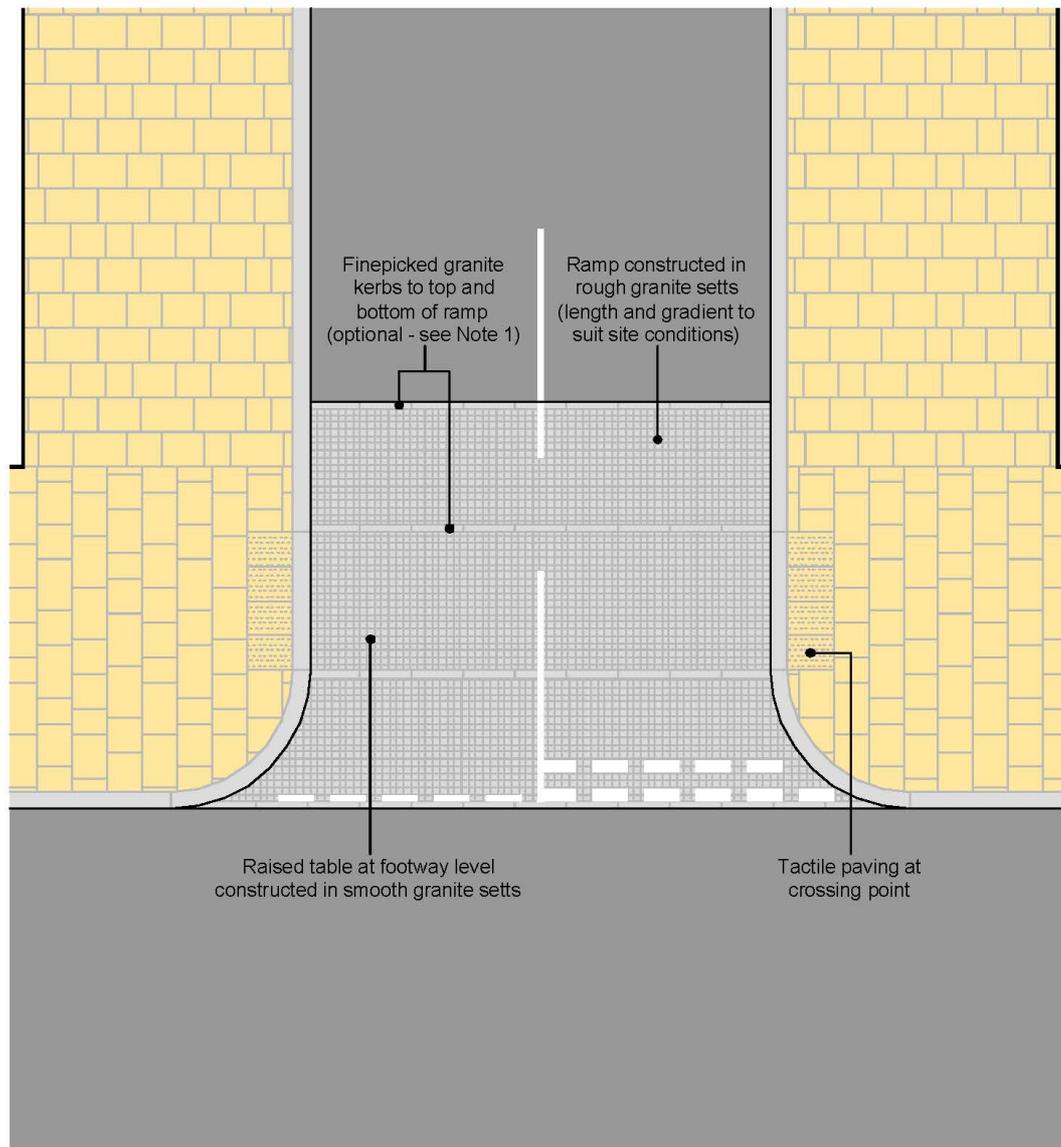
Tactile paving provided where footway is flush with carriageway and there is no kerb upstand.

Arrangement for individual access - suitable for residential properties:



Arrangement for heavily trafficked access – suitable for commercial properties:





**Notes:**

Flat granite kerb to be used on leading edge of ramp and edge granite kerb to be used at top of ramp

## Footway Paving

### General

Cutting	Minimise the use of small slivers of paving.
Joints	Maximum width 8mm, rake out to minimum 20mm depth and neatly point using a template.
Footway verges	At locations susceptible to damage by vehicle overrun, provide 100mm thick C25P concrete base below lime mortar bed. Width of verge determined by site conditions.

### York stone

Specification	Marshalls natural York stone obtained from Appleton or Scout Moor quarries
Dimensions	Sawn face 63mm thick x600mm width in random lengths not less than 600mm (slabs may be cut to suit site conditions but this should be avoided as far as possible). Laid to a random staggered bond on a bedding of lime mortar 25mm thick. Joints at right angles to the kerb.
Utility covers	Provide recessed covers in all areas paved in York stone.
Lifting for reuse	Remove pointing by saw cutting. Avoid damage to edges and surface when lifting. To comply with manual handling regulations and to avoid damage to the edge of slabs, suction lifting apparatus should be used. Stack vertically away from the works to avoid moving again before relaying. Do not lean slabs against lamp columns and other street furniture. Replace all damaged slabs.
Original York stone	To be retained for re-use.

### Artificial stone

Specification	To BS 7263 (1994). Natural colour hydraulically pressed from an approved manufacturer.
Dimensions	63mm thick x 600mm width. Standard lengths of 900mm, 750mm, 600mm and 450mm to be used as required. Laying 150mm staggered bond

## Tactile Paving

General	Use only where there is sufficient justification
Specification	<p>Tactile paving will be one of the following to match the surrounding footway:</p> <ul style="list-style-type: none"><li>• York stone with blister profile</li><li>• Precast concrete with blister profile</li><li>• Stainless steel studs may be used in exceptional circumstance</li></ul> <p>Coloured tactile paving of any sort is not to be used</p>
Dimensions	<p>A minimum of two rows of tactile paving, or equivalent to achieve a depth of 800mm from the kerb.</p> <p>A single line of granite setts 3mm proud of the adjacent road surface is to be provided across the front edge of the tactile paving.</p> <p>The 'tail' leading to the back of the footway is omitted in all cases.</p> <p>To avoid the need for cutting slabs, the width of the crossing should be chosen to enable full width slabs to be used.</p>

## **Kerbs and quadrants**

General	Existing pre-cast concrete kerbs to be replaced with granite kerbs.
Specification	natural granite obtained from an approved source and complying with BS435 (1975). All exposed faces with fine-picked finish.
Dimensions	Flat kerb: 300mm W x 200mm H x 900mm L Edge kerb: 150mm W x 200mm H x 900mm L
Laying	150mm C15P mix concrete bed and surround Width 150mm greater than the width of the kerb.

## **Carriageway surfaces**

Rolled Asphalt	Hot Rolled Asphalt to BS EN 13108-4: 2006 on all roads
Anti-skid surfacing	E40 resin system supplied by Shell Group of Companies or approved equivalent. Guyana Bauxite chips (black) to be used.