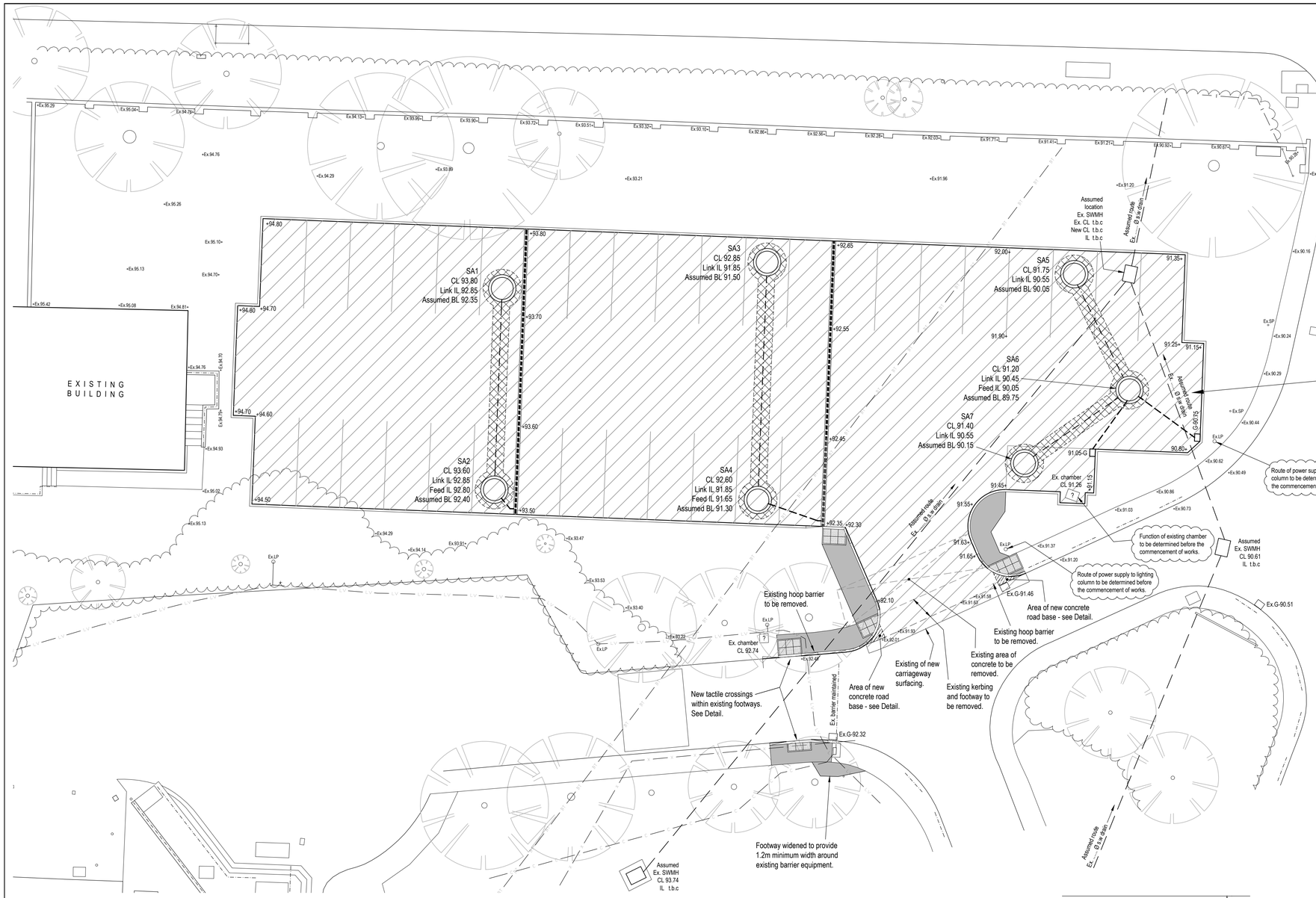
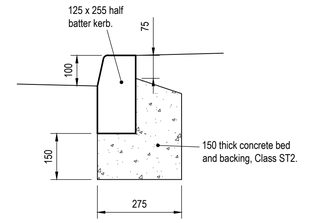
INFORMATION WITHIN THIS DRAWING IS NOT NECESSARILY PRODUCED TO SCALE.
ALWAYS USE FIGURED DIMENSIONS AND CO-ORDINATES - IF IN DOUBT, ASK.

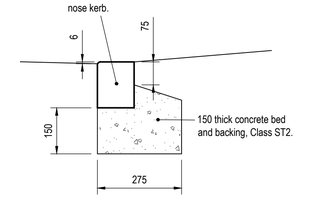


IMPORTANT NOTE :-
THE LINE AND LEVEL OF THE EXISTING SURFACE WATER DRAINAGE SYSTEM IN THE AREA OF THE NEW PARKING IS TO BE DETERMINED AT THE START OF WORKS ON SITE TO ALLOW ANY NECESSARY AMENDMENTS TO THE PROPOSED SOAKAWAY SYSTEM TO BE IDENTIFIED.

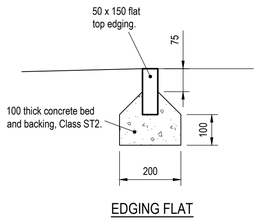


HALF BATTER KERB

Where the bed and haunch are not cast monolithically, R10 dowel bars 200 long at 600 centres are to be provided between the bed and haunch.



BULL NOSE KERB



EDGING FLAT

TYPICAL KERB BED & HAUNCH DETAILS

NOTE :-
At the end of each days pour of all kerb bedding, 2/R10 dowel bars, 200mm long are to be cast in and project by 100mm to provide a tie into the next days pour.

TARMAC PARKING AREA SPECIFICATION

30 thickness SMA 10 surface 40/60 to BS EN13108-1.

55 thickness AC20 Dense binder 100/150 to BS EN13108-1.

250 thickness Type 1 granular sub-base to Specification for Highway Works Clause 803, to be free from extraneous matter.

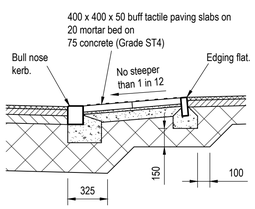
Formation to be proof rolled and any soft spots replaced with granular material laid and compacted in layers.

TARMAC FOOTWAY SPECIFICATION

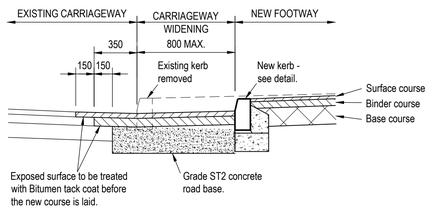
20 thickness AC6 Close surface 160/220 to BS EN13108-1.

50 thickness AC20 Dense binder 100/150 to BS EN13108-1.

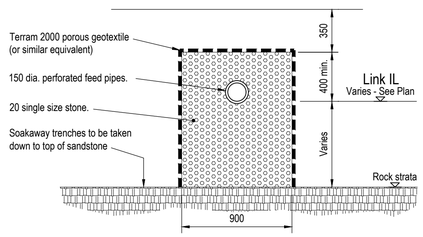
250 thickness Type 1 granular sub-base to Specification for Highway Works Clause 803, to be free from extraneous matter.



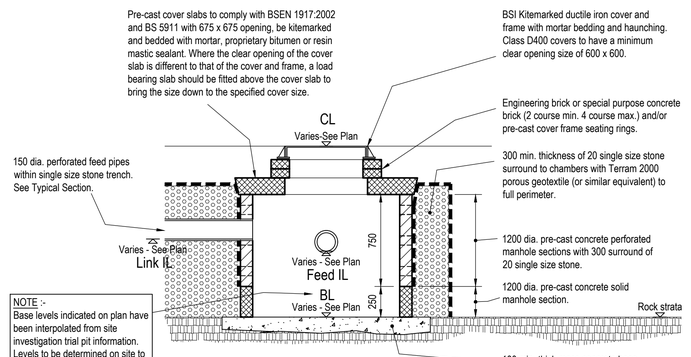
TACTILE PAVING DETAIL



DETAIL OF NARROW CARRIAGEWAY WIDENING



TYPICAL SOAKAWAY TRENCH



TYPICAL SOAKAWAY CHAMBER

NOTES

1. This drawing to be read in conjunction with Eastwood & Partner's Drg. Nos. 43463/012.
2. All pipes shall be either :-
   - A - Vitrified clay to BS EN 295 with a minimum crushing strength as follows :- 150 dia. - 40 kN/m, 225 dia. - 45 kN/m, 300 dia. - 72 kN/m OR
   - B - Class H concrete to BS 5911. OR
   - C - PVC to have BSI kitemark status (certified to WIS 4-35-01) Wavin or similar approved. Maximum pipe length to be 3m.
3. All pipes are to be laid soffit to soffit at manholes unless noted otherwise.
4. Pipes entering manholes and road gullies shall have a flexible joint within 600 of the inside of the manhole or gully joining with a short Rocker pipe.
5. All pipes to be 100 dia. unless noted otherwise.
6. All works and materials to be in accordance with "Sewers for Adoption" (6th edition), bedded with a Class S granular bed and surround as a minimum requirement. Pipes within highways with cover less than 1200 to have a Class Z concrete bed and surround. Pipes within paved areas with cover less than 600 to have a Class Z concrete bed and surround. Pipes within landscaped areas with cover less than 300 to have a Class Z concrete bed and surround.
7. All trenches in roads and paved areas shall be backfilled with Type 1 DOT granular sub-base material.
8. All cover levels are indicative only. Covers to be set to suit camber/gradient of existing and proposed surfacings.
9. The invert levels at the proposed points of connection to existing drains shall be checked before any new drains are constructed. Any variation to the levels shown on the drawing shall be notified to Eastwood & Partners.

KEY TO EXISTING SERVICES :-

- Ex. BT cabling
- Ex. Comms. cabling
- Ex. L.V lighting cabling
- Ex. function unknown

Existing services information has been taken from Met Geo Environmental Utility Tracing Survey DWG Ref 12330-128_GEO A0 (2), dated 27/03/13.
The full area of the works is to be investigated at the start on site to identify the line and level of all live services in order that they can be protected throughout the works as necessary.

KEY TO DRAINAGE :-

- Existing surface water drain.
- G Road gully with 150 dia roddable outlet.
- Soakaway system consisting of 1200 dia. silt trap chambers and trenches. See Typical Details.
- ACO M100D drainage channels with Load Class C250 covers and 150 dia. roddable sump outlets.

REV	DESCRIPTION	SIG	CHK	DATE
A	First Issue.			

TAD ARCHITECTS

KENDRAY HOSPITAL, BARNSLEY
NEW CAR PARK

EXTERNAL DRAINAGE LAYOUT

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SCALE WHEN PLOTTED AT A1	DRAWING STATUS
1:125 1:25 1:10	PRELIMINARY

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
MW	MRD	08-07-19	43632/011	A