

NOTES

1.) **NOTE TO CONTRACTOR:-** This drawing is to be read in Conjunction with Neath Port Talbot Council Specification for the Construction of Roads For Adoption.

- CARRIAGEWAY & FOOTWAY CONSTRUCTION
TIE IN DETAILS
- * All joints to be saw cut through the full depth of the layer to be tied in
 - * All vertical surfaces to be cleaned & painted with a thin uniform coating of 50 or 70 penetration hot bitumen or cold applied thixotropic bitumen compound of a similar grade prior to surfacing taking place
 - * All existing carriageway surfaces to be overlaid are to be thoroughly cleaned & receive a complete & uniform coating of type A1-40 or K1-40 bitumen emulsion, laid at a rate of 0.3-0.5 litres/m²

- CARRIAGEWAY CONSTRUCTION
- * The wearing course is not to contain limestone nor slag aggregate. Gritstone aggregate must be specified.
 - * Where the basecourse material is to be trafficked for more than 4 weeks before the application of the wearing course then a gritstone aggregate shall be used with a binder content of 5.7 +/- 0.6% (slag aggregates will not be allowed).
 - * If the road base or base course material is not covered immediately with the base course or wearing course respectively then the road and / or base course shall be sprayed with a sealing coat of bituminous spray to clause 920.
 - * Aggregate used is to have a minimum laboratory determined polished stone value (PSV) of 59 when tested in accordance with section 10 of BS 812:Part 3. Mixture of aggregates will not be permitted.
 - * In no cases will the overall depth of construction be less than 450mm.

- FOOTPATH CONSTRUCTION / VEHICULAR CROSSOVERS
- * Where gradient is steeper than 1 in 12 gritstone or blast furnace slag aggregate material must be used.
 - * Weed control granules such as 'Pydulan' (or similar approved) at a rate of spread of 18 g / m² will need to be provided to all sub base material.
 - * If the base course material is not covered immediately with the wearing course then the base course will be sprayed with a sealing coat of bituminous spray to clause 920.
 - * Edgings are to be inverted and laid flush across drives that fall away from the road to provide a flat run from footway to driveway thereby preventing bottoming of vehicle at apex.
 - * Edgings to drives that fall towards the road will be of ACO drain channels collecting the water and discharging to a non highway drainage system.
 - * Edgings abutting either side of a driveway will be dropped on the drive side to facilitate a smooth transition between such edgings.

- COMPACTION REQUIREMENTS
- * Sub-base materials are to be compacted in accordance with clause 802 & table 8/1 of the specification for highway works i.e. laid in 110mm layers & compacted with 8 passes using BOMAG BW120AD (or similar approved) vibrating roller. Similary, compaction of the copping layer shall be in accordance with the clause 612, bituminous roadbase & surfacing materials - clause 901, cement bound material - clause 1035. Compaction of backfill materials to sewer trenches shall generally be in accordance with clause 612

REV	DATE	BY	CHKD
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CLIENT
Crynant Plant & Construction LTD

PROJECT
Land At Neath Road, Resolven

TITLE
Typical Highway Construction Details

DRAWING ISSUE
PLANNING

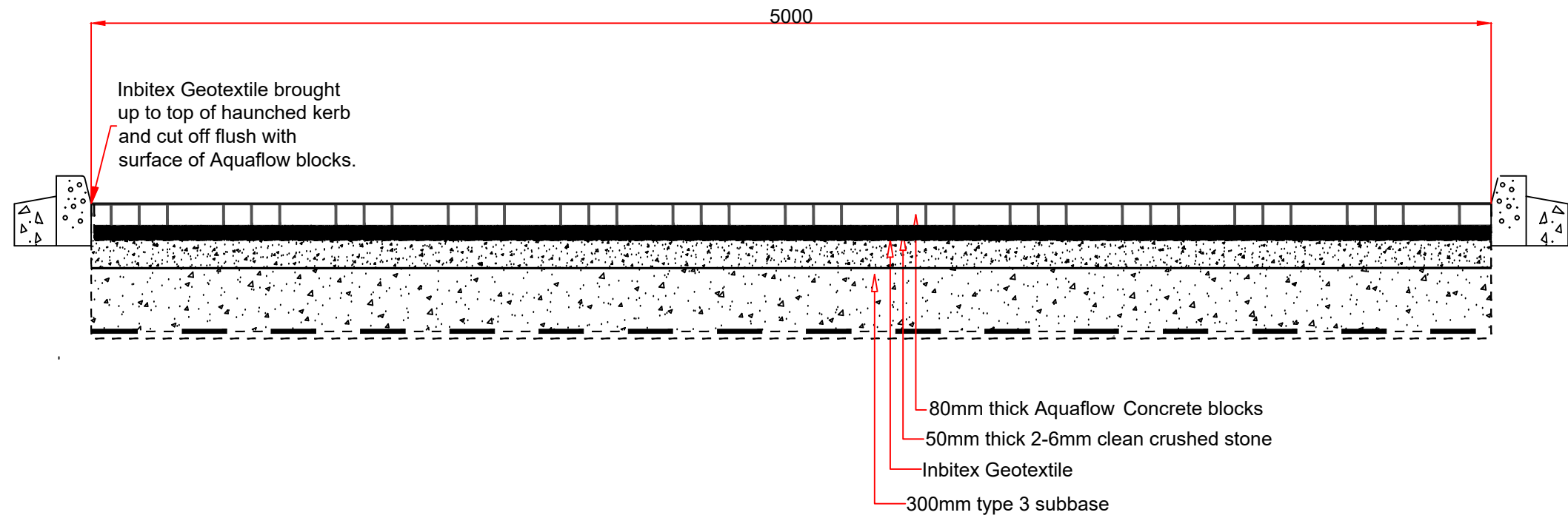
GENERAL NOTES

A- The scale shown on this drawing only applies to the correct paper size.
B- Do not scale from this drawing take figured dimensions only.
C- Any discrepancies to be reported to ateb consult.
D- Drawings in PDF format are not to scale and are for reference only.

DATE	March 2023	PRODUCED BY	E.Peet
SCALE	1:20/1:10	CHECKED	
PAPER SIZE	A1	APPROVED	

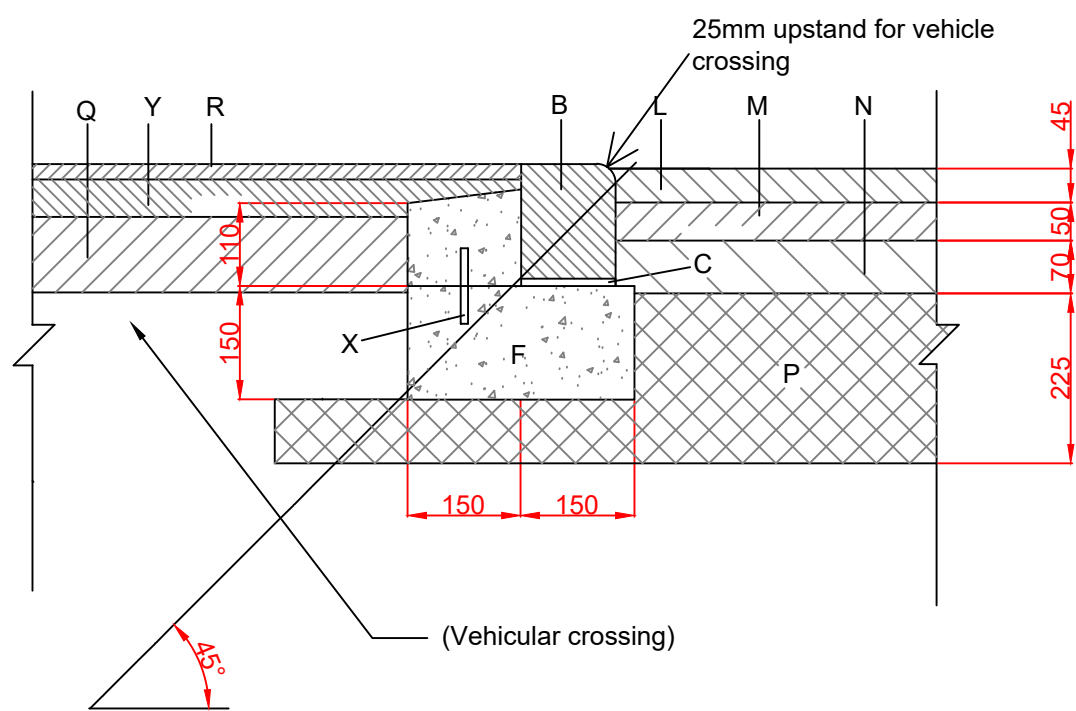
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JOB NUMBER	DRAWING NUMBER	REVISION
22/007	8004	

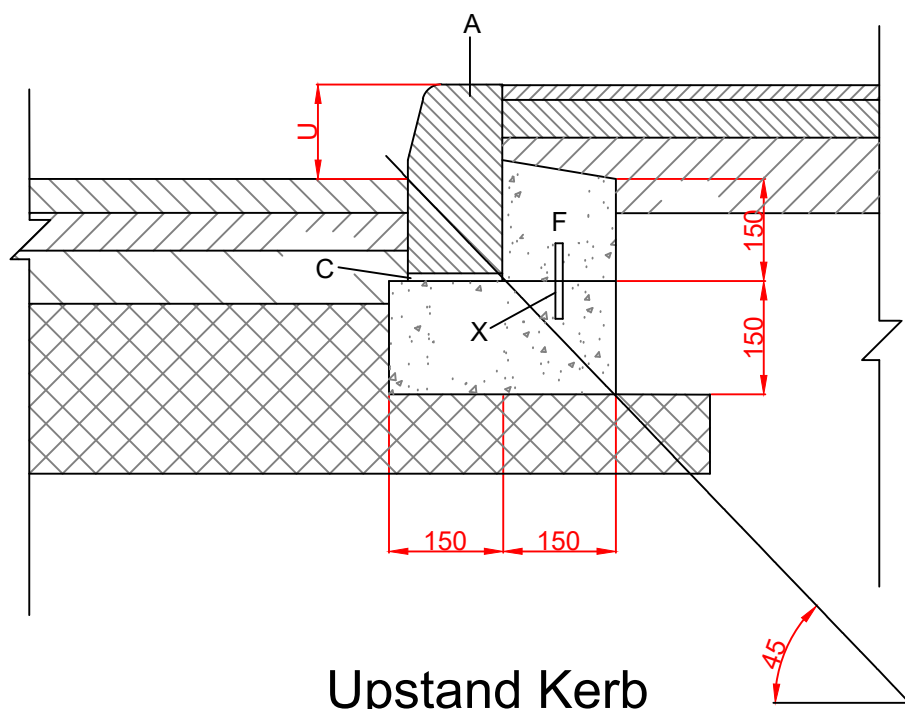


TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM
(MINIMUM CONSTRUCTION DEPTH FOR TRAFFICKED AREAS)

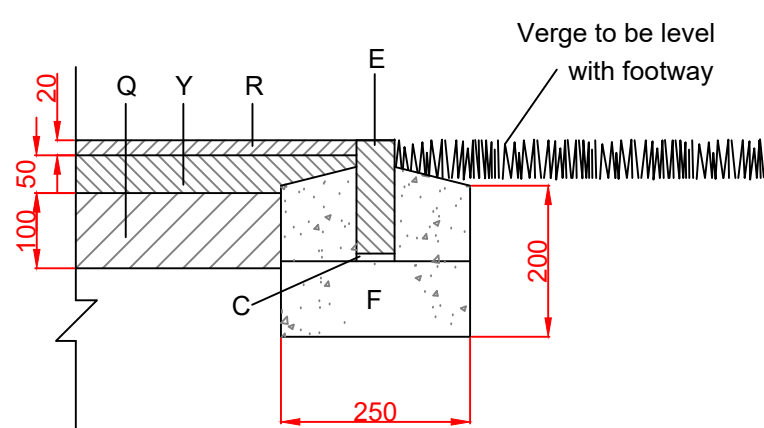
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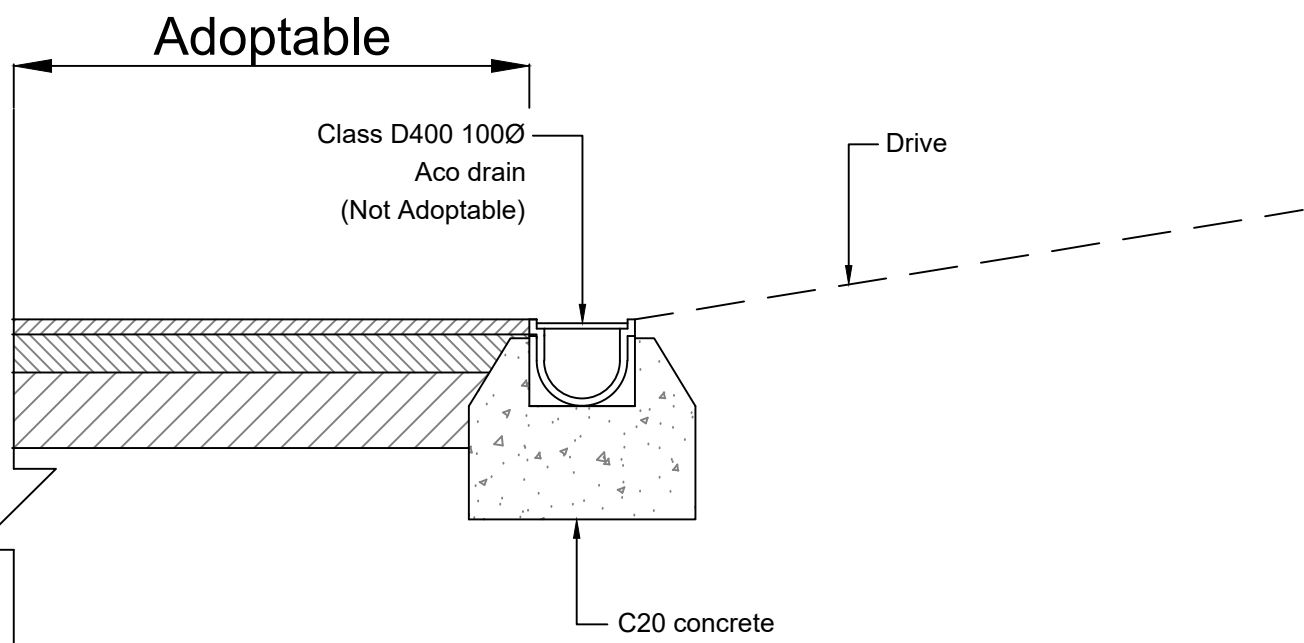
Kerb edging detail to drives
(falling away from road)



Upstand Kerb



Footpath Edging



Kerb edging detail to drives
(falling towards road)