

GENERAL

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS RELATE TO ORDNANCE DATUM UNLESS NOTED OTHERWISE.
4. DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
5. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
6. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS' SUBCONTRACTORS AND SPECIALISTS' DRAWINGS AND SPECIFICATIONS.
7. THIS DRAWING IS COPYRIGHT © infrado CONSULTING ENGINEERS.

THE SURFACE COURSE SHALL NOT CONTAIN LIMESTONE OR SLAG AGGREGATE. GRITSTONE AGGREGATE MUST BE SPECIFIED.

WHERE THE BINDER COURSE MATERIAL IS TO BE TRAFFICKED FOR MORE THAN 4 WEEKS PRIOR TO THE APPLICATION OF THE SURFACE COURSE THEN GRITSTONE AGGREGATE SHALL BE USED WITH A BINDER CONTENT OF 5.7 +/- 0.6% (SLAG AGGREGATES WILL NOT BE ALLOWED).

IF THE BASE OR BINDER COURSE IS NOT COVERED IMMEDIATELY WITH THE BINDER COURSE OR SURFACE COURSE RESPECTIVELY THEN THE BASE AND/OR BINDER COURSE SHALL BE SPRAYED WITH A SEALING COAT OF BITUMINOUS SPRAY TO CLAUSE 920.

AGGREGATE USED SHALL HAVE A MINIMUM, LABORATORY DETERMINED, POLISHED STONE VALUE OF 59 WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF BS 812 PART 3. MIXTURES OF AGGREGATES WILL NOT BE PERMITTED.

THE MINIMUM CONSTRUCTION THICKNESS SHALL BE 450mm IN NON FROST SUSCEPTIBLE MATERIAL COMPLYING WITH BS 812 PART 24, 1989.

THE SUB BASE AND CAPPING LAYER SHALL EXTEND UNDER THE KERB RACE.

PRECAST CONCRETE KERBS, CHANNELS, EDGINGS AND QUADRANTS SHALL COMPLY WITH BS 7263 PART 1, 1994.

SUB BASE MATERIALS TO BE COMPACTED IN ACCORDANCE WITH CLAUSE 802 AND TABLE 8/1 OF THE SPECIFICATION OF HIGHWAY WORKS i.e. LAID IN 110mm LAYERS AND COMPACTED WITH 8 PASSES USING BOMAG BW120AD (OR SIMILAR APPROVED) VIBRATING ROLLER. SIMILARLY COMPACTION OF THE CAPPING LAYER SHALL BE IN ACCORDANCE WITH CLAUSE 612, BITUMINOUS ROAD BASE AND SURFACING MATERIAL WITH CLAUSE 901, CEMENT BOUND MATERIALS WITH CLAUSE 1035.

THE FORMATION SHALL BE PROOF ROLLED AND ANY SOFT SPOTS REMOVED AND REPLACED WITH CLASS 6F MATERIAL (SHW). COMPACTION SHALL BE IN ACCORDANCE WITH CLAUSE 612.

ALL CLAUSE REFERENCES ARE TO D.O.T SPECIFICATION FOR
HIGHWAY WORKS, 1991.

ALL CONSTRUCTION METHODS AND MATERIALS USED ARE TO BE IN ACCORDANCE WITH THE LATEST SPECIFICATION FOR HIGHWAYS WORKS.

NO WORKS MAY BEGIN ON THE EXISTING PUBLIC HIGHWAY UNTIL
A ROAD OPENING NOTICE HAS BEEN ISSUED.

WHERE GRADIENT IS STEEPER THAN 1 IN 12, GRITSTONE OR BLAST FURNACE SLAG AGGREGATE MATERIAL MUST BE USED.

WEED CONTROL GRANULES SUCH AS NOMIX CHIKARA OR SIMILAR APPROVED WILL NEED TO BE PROVIDED TO ALL SUB BASE MATERIAL AT A RATE OF SPREAD OF 0.15g/m². RATE OF SPREAD APPLIES TO CHIKARA ONLY.

AT CHANGES OF DIRECTION OF THE KERB LINE SUITABLE RADIUS
KERBS SHALL BE USED. RADIUS KERBS SHALL BE USED ON ALL
RADII OF 12m AND BELOW

MITRED OR SPLAYED SAW CUTS OF KERBS WILL NOT BE PERMITTED

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.

EDGING TO DRIVES THAT FALL TOWARDS THE ROAD SHALL BE LAID BULLNOSE UPPERMOST WITH BOTH THE BULLNOSE AND AN ASSOCIATED 6mm UPSTAND FACING THE DRIVE IN ORDER TO PREVENT SURFACE WATER FLOWING TO THE DRIVE INCREASE

DISCHARGE ONTO THE HIGHWAY. WHERE A LARGE IMPERMEABLE AREA E.G. SHARED DRIVES, COMMUNAL PARKING BAYS OR STEEPLY SLOPING DRIVES IS INVOLVED A GULLY OR ACO DRAIN COLLECTING THE WATER SHALL BE PROVIDED, DISCHARGING TO A NON HIGHWAY DRAINAGE SYSTEM.

EDGINGS ABUTTING EITHER SIDE OF A DRIVEWAY SHALL BE DROPPED ON THE DRIVE SIDE TO FACILITATE A SMOOTH TRANSITION BETWEEN SUCH EDGINGS.

