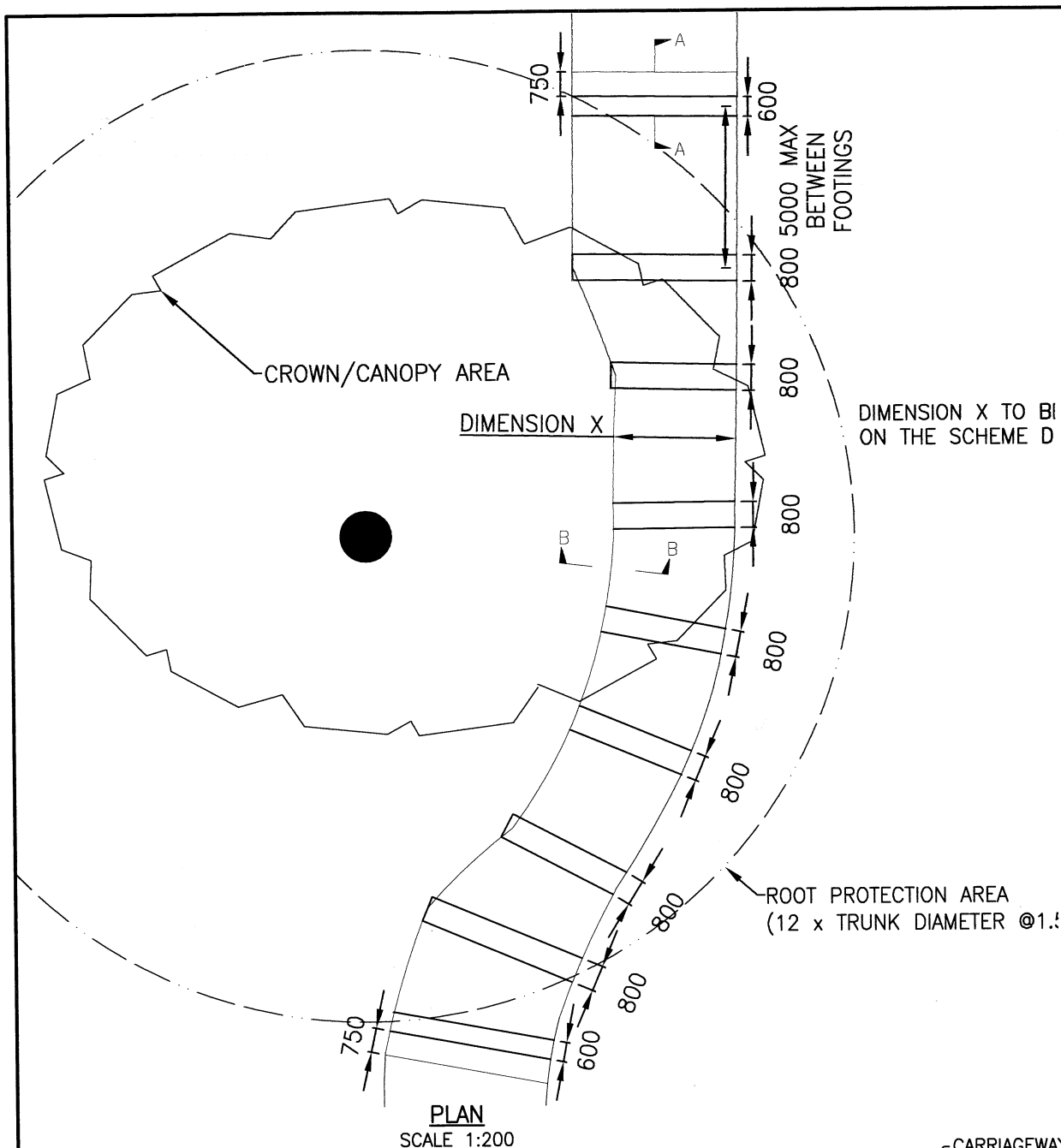




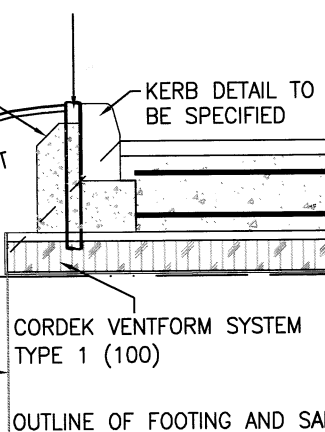
WHERE NO SOFT VERGE EXISTS, USE 50 DIAMETER VENT PIPES SET AT 1000 CENTRES (ON BOTH SIDES OF THE CARRIAGEWAY) TO PROVIDE AIR CIRCULATION UNDER CONCRETE SLABS

KERB FOUNDATION AND BACKING AS PER HAMPSHIRE STANDARD DETAILS

SURFACE TO BE TURFED OR SEEDED ON A BED OF BACKFILL TO BE 50% SHARP SAND AND 50% TOPSOIL

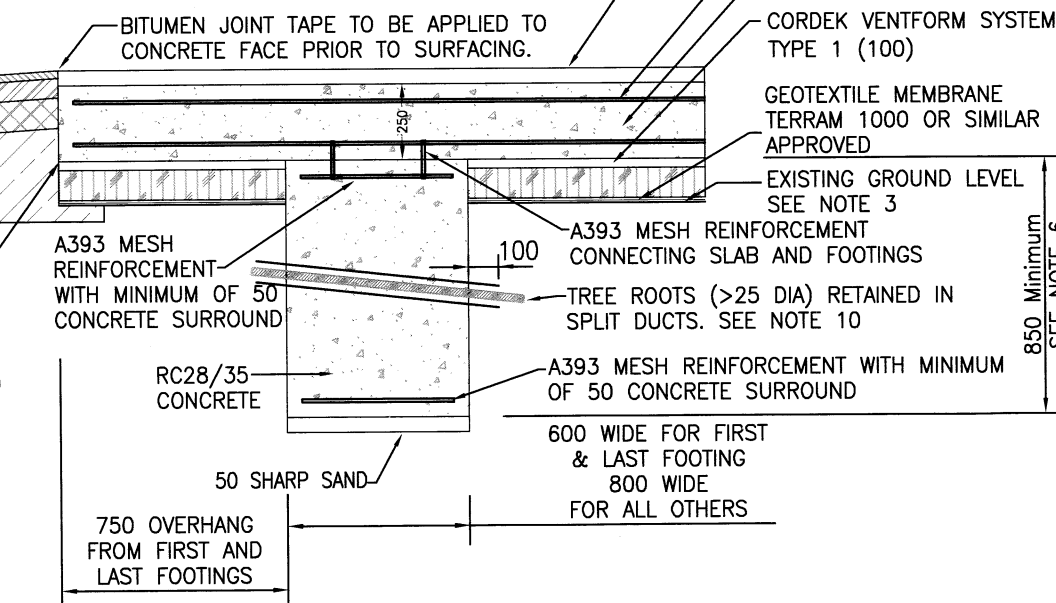
FORM VERGE WITH INERT OPEN GRADED MATERIAL AS SPECIFIED IN THE CONTRACT

SECTION B-B
SCALE 1:25

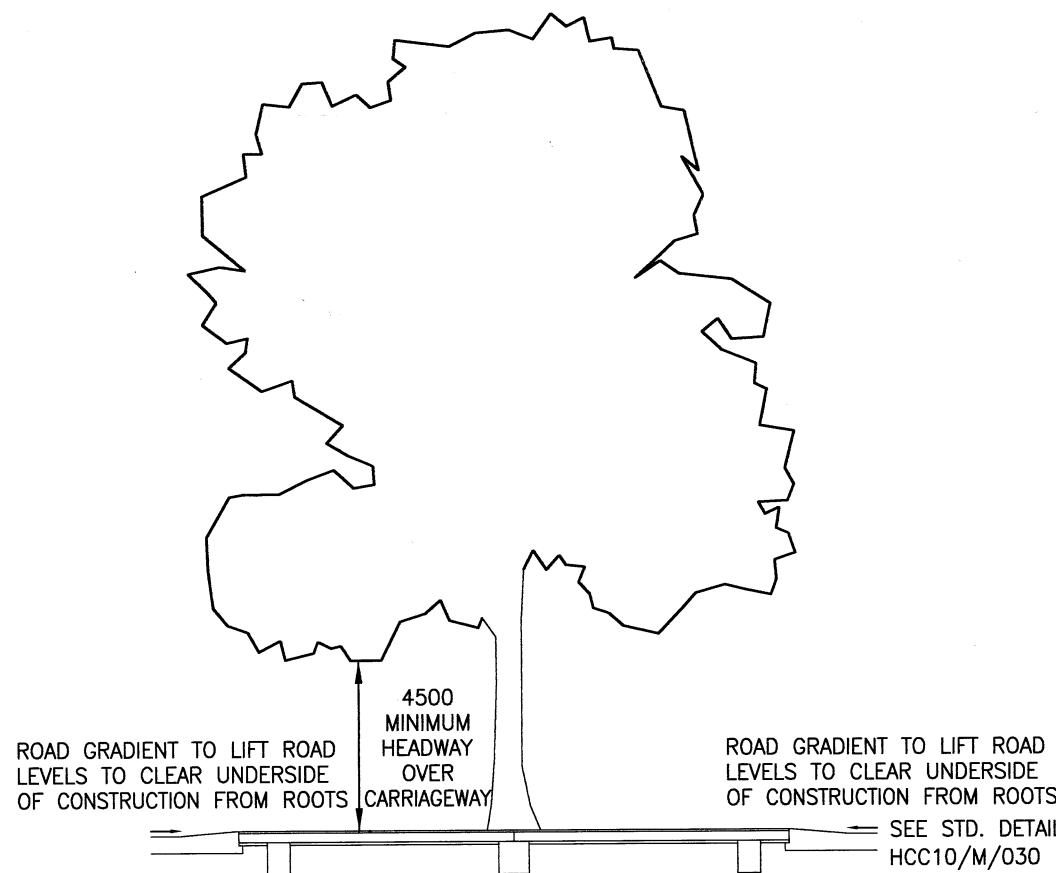


CARRIAGEWAY CONSTRUCTION AS SPECIFIED IN THE CONTRACT. SUB-BASE THICKNESS MAY BE VARIED TO ALLOW FOR GRADIENT, IF SPECIFIED.

GEOTEXTILE MEMBRANE TO DOUBLE BACK AROUND THE EDGE OF THE VENTFORM ON ALL EDGES AND SECURED TO THE UPPER SURFACE USING ADHESIVE TAPE TO STOP MIGRATION OF MATERIALS. DETAIL TO BE APPROVED BY THE OVERSEEING ORGANISATION.



SECTION A-A
SCALE 1:25



CROSS SECTION
SCALE 1:200

NOTES:

- WHERE APPROPRIATE, GROUND VEGETATION ALONG LINE OF PROPOSED ROAD TO BE TREATED WITH A TRANSLOCATED HERBICIDE (GLYPHOSATE) AS ADVISED BY HIGHWAYS ARBORICULTURALIST.
- ALL EARTHWORKS WITHIN THE ROOT PROTECTION AREA OF RETAINED TREES TO BE HAND EXCAVATED IN ACCORDANCE WITH BS 5837:2012.
- UNLESS OTHERWISE STATED IN APPENDIX 30/10 GROUND PREPARATION WITHIN THE ROOT PROTECTION AREA OF RETAINED TREES TO BE RESTRICTED TO THE REMOVAL OF THE LOOSE TOPSOIL/HUMUS LAYER ONLY. ANY MAJOR HOLLOW TO BE FILLED WITH INERT NO-FINES AGGREGATE TO PROVIDE A LEVEL SURFACE.
- FOOTINGS TO BE LAID OUT IN A RADIAL PATTERN AT RIGHT ANGLES TO CARRIAGEWAY CENTRELINE. POSITIONS CAN BE ADJUSTED TO AVOID MAJOR ROOTS.
- EXACT LOCATION OF ALL EXCAVATION TO BE AGREED ON SITE.
- FOOTINGS REQUIRE DEEPENING TO 1150mm WHERE CBR IS <5%.
- FOR SITES WITH A CROSSFALL, FOOTINGS SHALL BE PROFILED TO ACHIEVE THE DESIRED ROAD SURFACE PROFILE
- INDIVIDUAL FOOTINGS TO BE DUG BY HAND IN ONE OPERATION WITH LOOSE SOIL REMOVED TO ENSURE GOOD AND SMOOTH SIDES AND BASE. CONCRETE TO BE POURED INTO FOOTINGS AS SOON AFTER EXCAVATION AS POSSIBLE.
- ALL TREE ROOTS GREATER THAN 25MM IN DIAMETER TO BE RETAINED AND WORKED AROUND.
- RETAINED ROOTS WITHIN THE FOOTINGS TO BE ENCASED IN SPLIT DUCTING OF AN APPROPRIATE DIAMETER TO GIVE 5 TO 20mm CLEARANCE AROUND THE ROOT. DUCTING TO EXTEND A MINIMUM OF 100mm BEYOND THE FOOTING ON EITHER SIDE. DUCTING TO BE TAPED TOGETHER AFTER PLACEMENT.
- ALL CONCRETE TO BE DESIGNATED MIX RC 28/35 WITH CONSISTENCE CLASS S2.
- CONCRETE TO BE COMPACTED USING INTERNAL VIBRATION.
- WHERE SERVICES MUST BE PLACED WITHIN THE ROOT PROTECTION AREA, THEY SHOULD BE POSITIONED TO AVOID FOOTINGS WITH REFERENCE TO NJUG GUIDANCE AND DUCTED TO AVOID FUTURE DISTURBANCES.
- CORDEK VENTFORM SYSTEM TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
- ALL DIMENSIONS IN MILLIMETRES.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

Hampshire County Council Engineering

STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

STANDARD DETAILS

DRAWING TITLE

CARRIAGEWAY DETAIL FOR CONSTRUCTION WITHIN THE ROOT PROTECTION AREA OF RETAINED TREES

HCC CADplot: 18.Sep.2015 at 2:05pm

DRAWN	RB	CHECKED	WW	SCALE @ A3	N.T.S
CAD	RB	APPROVED	CP	DATE	July 2015
DRG No.	HCC10/C/155				REVISION

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