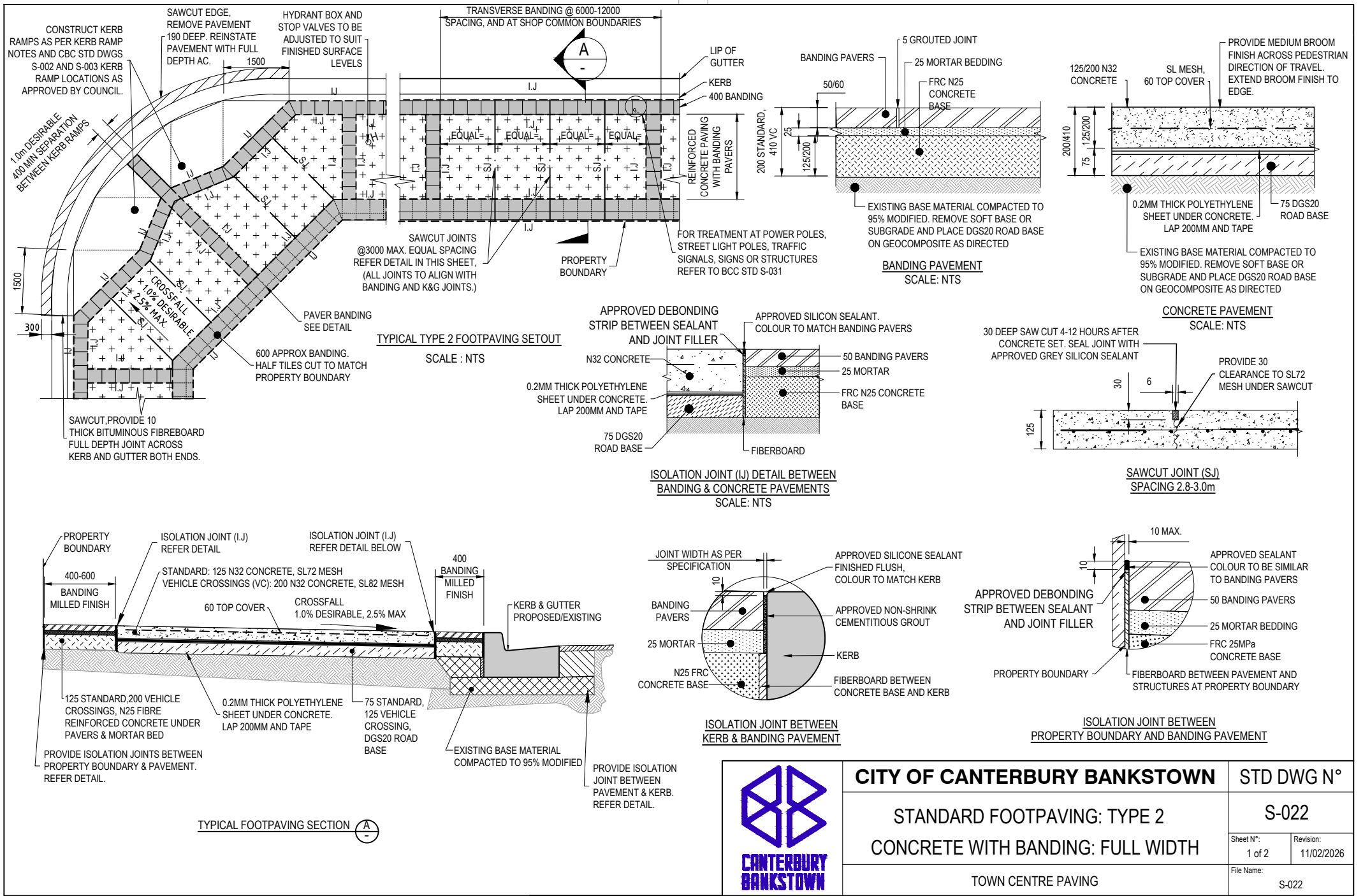


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<b>CITY OF CANTERBURY BANKSTOWN</b>		<b>STD DWG N°</b>
<b>STANDARD FOOTPAVING: TYPE 2</b>		<b>S-022</b>
<b>CONCRETE WITH BANDING: FULL WIDTH</b>		Sheet N°: 1 of 2 Revision: 11/02/2026
TOWN CENTRE PAVING		File Name: S-022

**GENERAL**

- G1. A SITE SPECIFIC DESIGN IS TO BE PREPARED AND APPROVED BY COUNCIL PRIOR TO CONSTRUCTION. THE PLAN IS TO DETAIL KERB RAMP SETOUT, BANDING PATTERN, JOINT DETAILS AND TREATMENT TO EXISTING STRUCTURES.
- G2. TRANSVERSE PAVER BEDS TO BE PROVIDED AT EVEN SPACING OF ABOUT 11370 MAX. TO ALLOW SAWCUTS TO ALIGN WITH PAVING JOINTS ON EVEN SPACING, OR AS SPECIFIED BY COUNCIL.
- G3. TREE PLANTING BEDS ARE TO BE PROVIDED FOR ALL EXISTING TREES TO BE RETAINED. NEW TREE PLANTING BEDS ARE TO BE PROVIDED AT 8.0m TO 10.0m SPACING OR AT LOCATIONS APPROVED BY COUNCIL. ALL TREE BEDS ARE TO BE CONSTRUCTED TO DETAILS ON COUNCIL STANDARD. THE BANDING PATTERN IS TO INCORPORATE TREE BED BANDING AS COUNCIL STANDARD.

**SERVICES**

- S1. A FIELD CHECK FOR ALL EXISTING CABLES/ CONDUITS SHALL BE CARRIED OUT PRIOR TO COMMENCEMENT OF ANY WORK WITH A QUALIFIED CABLE LOCATOR
- S3. ALL UTILITY FEATURES, e.g. STOP VALVE COVERS, HYDRANTS, TELECOMMUNICATION PITS, SHALL BE ADJUSTED TO SUIT FINISHED SURFACE
- S4. TELECOMMUNICATION PIT COVERS SHALL BE TELSTRA APPROVED INFILL TYPE COVERS UNLESS NOTED OTHERWISE. INFILL PAVERS TO BE USED ACROSS BANDING, UTILITY & SERVICES PITS COVERS.
- S5. APPROVED UTILITY ACCREDITED SUBCONTRACTORS SHALL BE USED FOR ADJUSTING ANY SERVICE.
- S6. FOR SHALLOW LOCAL TELECOMMUNICATION CABLES WHERE APPROVED BY THE SUPERINTENDENT THE CONCRETE BASE THICKNESS MAY BE REDUCED BUT NOT LESS THAN 75mm THICK OVER A MAXIMUM WIDTH OF 300mm.

**TGSI AND KERB RAMP NOTES:**

- KR1. WHERE SPECIFIED TACTILE GROUND SURFACE INDICATORS (TGSI) SHALL BE INSTALLED IN ACCORDANCE WITH APPROVED PLAN COMPLYING WITH AS/NZS1428.4 AND CBC STANDARD DRAWING S-002.
- KR2. QUALITY CONTROL SAMPLES (MIN. 3 OF EACH UNIT) OF BOTH WARNING AND INDICATOR TGSI TO BE USED SHALL BE SUBMITTED TO COUNCIL FOR APPROVAL.
- KR3. TGSI SHALL BE TILES OF SIZE, TYPE, COLOUR, AND LUMINOUS RELECTANCE VALUE AS SPECIFIED BY COUNCIL. TGSI ARE TO HAVE LUMINANCE CONTRAST OF MORE THAN 30% TO THE SURROUNDING SURFACE.
- KR4. KERB RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH CBC STD DWG S-003. EXISTING GUTTER TO BE REMOVED AND GUTTER, KERB, RAMP, AND WINGS OF THE KERB RAMP SHALL BE CAST MONOTHICALLY IN PLAIN GREY CONCRETE TO MATCH ADJOINING KERB & GUTTER.
- KR5. KERB RAMP TO BE ALIGNED WITH THE DESIRED DIRECTION OF PEDESTRIAN TRAVEL, USUALLY PARALLEL WITH THE PROPERTY LINE, SUBJECT TO SITE SPECIFIC CONSTRAINTS.
- KR6. KERB RAMPS TO BE AT GRADE 1:8 ALONG THE CENTRELINE. THE SUPERINTENDENT MUST BE NOTIFIED 48 HOURS PRIOR TO CONCRETE POUR IF GRADE 1:8 CANNOT BE ACHIEVED.
- KR7. CONCRETE SHALL HAVE A STRENGTH GRADE N25 IN ACCORDANCE WITH AS1379.
- KR8. ROAD BASE WHERE REQUIRED UNDER THE KERB RAMP AND GUTTER TO BE CRUSHED ROCK OR CRUSHED RECYCLED CONCRETE GRADED TO DGS20, COMPACTION TO BE 98% MODIFIED.
- KR9. ROAD PAVEMENT 300mm WIDE ADJOINING NEW GUTTER TO BE REMOVED TO 190mm DEPTH. PAVEMENT IS TO BE REINSTATED USING FULL DEPTH AC ASPHALT. WEARING SURFACE TO BE AC10 40mm THICK. BASE AC TO BE AC20 IN 2 LAYERS, OR APPROVED EQUIVALENT.
- KR10. PLAIN CONCRETE SURFACES ARE TO BE BROOM FINISHED ACROSS THE DIRECTION OF PEDESTRIAN TRAVEL

**UNIT PAVING FOR ALL AREAS:**

- P1. BANDING PAVING SHALL BE CONCRETE AS SPECIFIED: DIMENSIONS: 400x400x50 STANDARD 400x400x60 VEHICLE CROSSINGS COLOUR: GOLDEN GUNMETAL OR AS SPECIFIED FINISH: MILLED.
- P2. THE PAVER UNITS FINISH SHALL BE "MILLED" (HONED AND LIGHTLY SHOT BLASTED) WITH CLASS W SLIP RESISTANCE CLASSIFICATION ACCORDING TO THE WET PENDULUM TEST TO AS/NZS 4586, BOTH UNSEALED AND SEALED OR AS DIRECTED BY COUNCIL.
- P3. THE PAVER UNITS SHALL HAVE GROUTED JOINTS OF 5mm WIDTH. THE GROUT UNLESS NOTED OTHERWISE SHALL BE AN APPROVED NON-SHRINK CEMENTITIOUS GROUT TO SUIT GAPS OF 5mm WIDTH OR LESS.
- P4. (i) THE INTERFACE BETWEEN THE FLAGS AND THE MORTAR BEDDING SHALL HAVE A CONCRETE BONDING SLURRY OF (BY VOLUME) 1 PART WASHED SAND: 6 PARTS PORTLAND TYPE GP CEMENT AND SUFFICIENT WATER TO ACHIEVE A UNIFORM WORKABLE CONSISTENCY. (ii) 25mm THICK MORTAR BED SHALL CONSIST OF (BY VOLUME) 1 PART WASHED SAND: 3 PARTS PORTLAND TYPE GP CEMENT MIXED WITH AN APPROVED ELASTICISER.
- P5. FRC CONCRETE BASE TO BE STRENGTH GRADE N32 CONCRETE WITH MACRO POLYPROPYLENE FIBRES ADDED TO THE CONCRETE AT THE RATE OF 4.0 kg/m<sup>3</sup> OF CONCRETE OR USE DOSAGE RATE OF 5KG/M3 FOR VEHICULAR CROSSINGS WITH <25 HEAVY VEHICLES PER DAY, 6KG/M3 FOR >25 HEAVY VEHICLES PER DAY. MACRO FIBRES TO HAVE LENGTH 40-50MM, MIN TENSILE STRENGTH > 500 MPa, AND ASPECT RATIO 50-100 CONFIRMING TO EN 14889-2.
- P6. ALONG PROPERTY BOUNDARY LAY 1 COURSE FULL PAVERS PARALLEL TO KERB & FILL TO BOUNDARY LINE WITH CUT PAVERS. MINIMUM WIDTH OF CUT PAVER 1/2 OVERALL WIDTH OF FULL PAVER.
- P7. FULL DEPTH ISOLATION JOINTS SHALL BE INSTALLED WHERE PAVEMENT ABUTS SOLID STRUCTURES SUCH AS AT PROPERTY LINE, PUBLIC UTILITY STRUCTURES, KERB AND GUTTER. SEE EXPANSION JOINT DETAIL AND ISOLATION JOINT DETAIL.
- P8. PROVIDE ISOLATION JOINTS AT 15m MAXIMUM SPACING ACROSS FOOTPAVING. THE JOINT IS TO BE LOCATED ALONG THE EDGE OF A TRANSVERSE PAVER BAND.
- P9. PROVIDE SAW-CUT JOINTS IN CONCRETE BASE AT 3800 APPROX SPACING ACROSS FOOTPAVING WITH EVEN SPACING AND TO ALIGN WITH KERB & GUTTER AND PAVING JOINTS. SEE SAW CUT JOINT DETAIL.
- P10. ALL PAVERS SHALL BE SEALED IN-SITU TO PROTECT AGAINST STAINING DURING CONSTRUCTION.

**FOOTPAVING TREATMENT FOR STRUCTURES:**

- FIXT1. FOOTPAVING TREATMENT FOR STRUCTURES AS SPECIFIED BY COUNCIL AND AS DETAILED ON CBC STANDARD DRAWING S-031.

**CONCRETE PAVEMENT:**

- C1. STANDARD: 100mm THICK, SL72 MESH, 60 TOP COVER VEHICLE CROSSINGS: 200mm THICK, SL82 MESH, 70 TOP COVER COLOUR: NATURAL FINISH: MEDIUM BROOM TO EDGE. BROOM ACROSS DIRECTION OF PEDESTRIAN TRAVEL
- C2. CONCRETE / PAVER INFILL COVERS TO BE CAST IRON MASCOT CLASS B OR APPROVED EQUIVALENT. USE 30MM THICK PAVERS CUT TO SHAPE AS INFILL.

**SUB SOIL DRAINAGE**

- SSD1. SUBSOIL DRAINAGE SHALL BE PROVIDED IN ACCORDANCE WITH B.C.C STANDARD DRAWING S-116. SUBSOIL DRAINAGE IS TO BE CONNECTED TO EXISTING STORMWATER DRAINAGE SYSTEM. CLEANOUTS ARE TO BE PROVIDED AT THE COMMENCEMENT OF THE SUBSOIL DRAINAGE AND EVERY 60m OR AS DIRECTED BY THE SUPERINTENDENT.
- SSD2. SUBSOIL DRAINAGE PIPE SHALL BE Ø100mm TYPE 1, CLASS 1000 SLOTTED PLASTIC CIRCULAR PIPE AND SHALL BE FITTED WITH A FILTER SOCK. BOTH THE SUBSOIL DRAINAGE PIPE AND THE FILTER SOCK SHALL COMPLY WITH AUS-SPEC 2
- SSD3. SUBSOIL DRAINAGE TO BE PLACED IN ACCORDANCE WITH AUS-SPEC 2 WITH FILTER MATERIAL TO BE TYPE 'A' USING 5mm CRUSHED RECYCLED CONCRETE. GEOTEXTILE TRENCH LINER (BIDUM A14 OR APPROVED EQUAL) TO BE PROVIDED AROUND TYPE A FILTER MATERIAL. PROVIDE LAPS OF 500mm AT FABRIC JOINTS

**KERB AND GUTTER**

- K1. NEW KERB AND GUTTER SHALL BE IN ACCORDANCE WITH CBC STD DWG S-001.

**BUS STOPS**

- BS1 FOR BUS STOP SETOUTS REFER CBC STANDARD DWGS S-017(A), S-018(A) OR S-019(A).

**TRAFFIC SIGNAGE**

- TS1. ALL Ø60 OD TRAFFIC SIGN POSTS REQUIRING INSTALLATION OR RELOCATION WITHIN AREAS OF CONCRETE OR PAVERS SHALL BE FIXED VERTICALLY USING AN AUTOMATIC POST SECURING DEVICE EQUAL TO "KDC SYSTEMS" "POST LOCK SYSTEM". UNLESS NOTED OTHERWISE, THESE DEVICES SHALL BE INSTALLED USING A STANDARD 350mm UNIT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. THESE DEVICES CAN BE OBTAINED FROM EITHER; GRIBBLE & BRENNAN PTY. LTD, 8 ROWOOD RD, PROSPECT, 2148 PH: 9688 3255 OR HVS SERVICES, 31 WARREN AV, BANKSTOWN, PH: 9792 4799, FAX 9790 6799
- TS2. ALL TRAFFIC SIGN POSTS TO BE LOCATED CLEAR OF BANDING PAVERS.
- TS3. INSTALL SIGN POSTS AS PER CBC STD DWG S-351
- TS4. EXISTING SIGNS OF A CONFLICTING NATURE SHALL BE COVERED TO COUNCILS SATISFACTION DURING THE CONSTRUCTION PERIOD

**STREET TREE PLANTING**

- STP1. NEW TREE PLANTING AS SPECIFIED BY COUNCIL. CBC STANDARD DRAWING S-207 AND S-207A APPLY. EXISTING TREES TO BE RETAINED AND PROTECTED UNLESS OTHERWISE SPECIFIED BY COUNCIL. CBC STANDARD DRAWING S-209 AND S-210 APPLY.

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