

LOCATION	PAVEMENT COMPOSITION
RESIDENTIAL AREAS	125mm DEPTH OF CONCRETE.
INDUSTRIAL & COMMERCIAL AREAS	150mm DEPTH OF CONCRETE WITH F82 MESH.
WITHIN SHOPPING CENTRES	REFER TO COUNCIL'S ENGINEERS FOR PAVING PATTERN DETAILS.

NOTES:

- THIS DRAWING SHOWS DETAILS FOR A TYPICAL FOOTPATH LAYOUT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SPECIFIC SITE CONDITIONS HAVE BEEN ALLOWED FOR. REFER TO COUNCIL ENGINEERS FOR A DECISION AT LOCATIONS WHERE THE PROPOSED PATH IS ABOVE EITHER THE BUILDING LINE OR TOP OF KERB LEVELS.
- ALL NEW CONCRETE FOR FOOTPATHS IN RESIDENTIAL AREAS TO BE FULL DEPTH BLACK COLOUR TO ACHIEVE A CONSISTENT COLOUR. THE COLOUR IS TO BE 'ABILOX' PREMIUM SPECIAL BLACK AT A DOSE RATE OF **2.0%** BY WEIGHT IN GREY CEMENT.
- ALL NEW CONCRETE FOR FOOTPATHS IN INDUSTRIAL AND COMMERCIAL AREAS TO BE FULL DEPTH BLACK COLOUR TO ACHIEVE A CONSISTENT COLOUR. THE COLOUR IS TO BE 'ABILOX' PREMIUM SPECIAL BLACK AT A DOSE RATE OF **8.3%** BY WEIGHT IN GREY CEMENT.
- WHERE PUBLIC UTILITIES' ASSETS (POWER POLES, STORMWATER PITS, TREE ROOT SYSTEMS, ETC) ARE LOCATED WITHIN THE ALIGNMENT OF THE PROPOSED SHARED PATH, THESE ASSETS MUST BE AVOIDED, RELOCATED OR MODIFIED AT THE DEVELOPER'S COST. ALL SUCH WORKS TO COMPLY WITH THE RELEVANT AUTHORITIES' REQUIREMENTS.
- CONCRETE STRENGTH SHALL BE 32 MPA MINIMUM AT 28 DAYS. ALL CONCRETE TO BE PRE-MIXED AND HAVE A LIGHT BROOM FINISH.
- BOTH EDGES OF THE PATH MUST BE POURED AGAINST SMOOTH FORMWORK.
- ALL EDGES TO BE ROUNDED BY THE PROPER USE OF A SUITABLE EDGE TOOL.
- NO HIGHLIGHTING OF EDGES AND JOINTS.
- SPACING OF EXPANSION JOINTS FILLED WITH CORK OR BITUMINOUS PARTICLE BOARD (10mm WIDE x FULL DEPTH) MUST NOT EXCEED 15m. TOOLED JOINTS (5mm WIDE x 20mm DEEP) TO BE FORMED AT 15m MAXIMUM SPACING.
- THE SITE SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH A.S 1742.3
- ALL EXISTING PATHS OR KERBS TO BE DEMOLISHED SHALL BE SAWCUT AT THE JOINTS PRIOR TO REMOVAL.
- THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT THE WORKS COMPLY WITH ALL REQUIREMENTS OF THE KINGSTON PLANNING SCHEME AND APPLICABLE PERMITS.

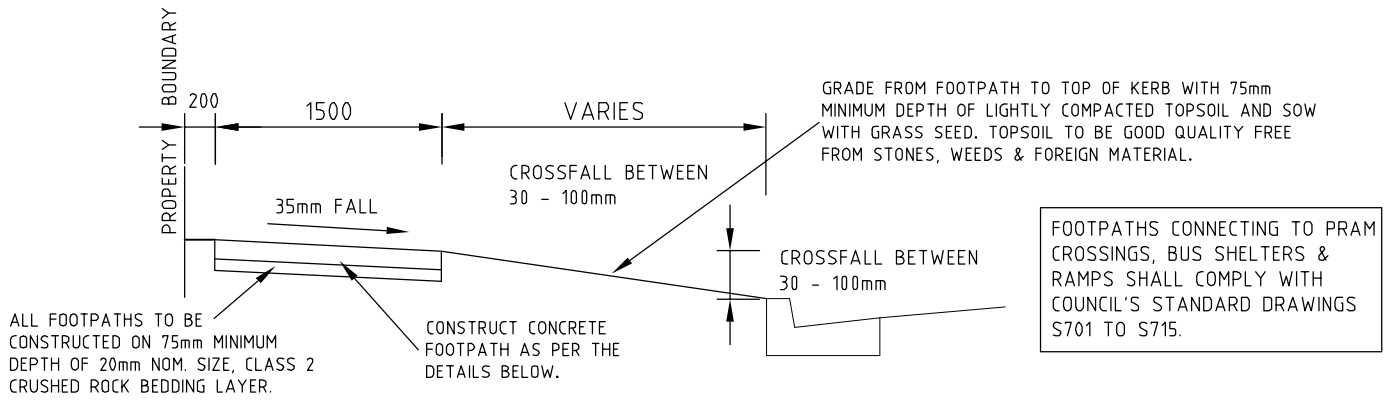
**KINGSTON CITY COUNCIL
STANDARD DRAWING**

**CONCRETE FOOTPATHS
WITHIN NEW SUBDIVISIONS**

DRG. NO. **S301**

ISSUE DATE: 22/03/12

STANDARD DRAWING ISSUE
CURRENT AT TIME OF
CONSTRUCTION MUST BE USED



LOCATION	PAVEMENT COMPOSITION
RESIDENTIAL AREAS	75mm DEPTH OF CONCRETE.
COMMERCIAL AREAS	125mm DEPTH OF CONCRETE.
INDUSTRIAL AREAS	150mm DEPTH OF CONCRETE WITH ALL PATHS SUBJECT TO VEHICLE LOADING TO BE REINFORCED WITH F82 MESH.
WITHIN SHOPPING CENTRES	REFER TO COUNCIL'S ENGINEERS FOR PAVING PATTERN DETAILS.

NOTES:

- THIS DRAWING SHOWS DETAILS FOR A TYPICAL FOOTPATH LAYOUT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SPECIFIC SITE CONDITIONS HAVE BEEN ALLOWED FOR. REFER TO COUNCIL ENGINEERS FOR A DECISION AT LOCATIONS WHERE THE CONSTRUCTION DOES NOT HAVE CROSSFALL FALLING TOWARDS THE KERB IN THE RANGE OF 30-100mm.
- IN AREAS OF LOW CBR'S AND EXPANSIVE CLAYS THE DEPTH OF THE CONCRETE FOOTPATH AND CRUSHED ROCK BEDDING TO BE REFERRED TO COUNCILS ENGINEERS FOR A DECISION ON REQUIRED DEPTHS.
- FOR PROPOSED PATHS WHICH EXTEND FROM THE BUILDING LINE TO THE BACK OF KERB REFER TO COUNCIL ENGINEERS FOR GUIDANCE.
- ALL NEW CONCRETE FOR FOOTPATHS IN RESIDENTIAL AREAS TO BE FULL DEPTH BLACK COLOUR TO ACHIEVE A CONSISTENT COLOUR. THE COLOUR IS TO BE 'ABILOX' PREMIUM SPECIAL BLACK AT A DOSE RATE OF **2.0%** BY WEIGHT IN GREY CEMENT.
- ALL NEW CONCRETE FOR FOOTPATHS IN INDUSTRIAL AND COMMERCIAL AREAS TO BE FULL DEPTH BLACK COLOUR TO ACHIEVE A CONSISTENT COLOUR. THE COLOUR IS TO BE 'ABILOX' PREMIUM SPECIAL BLACK AT A DOSE RATE OF **8.3%** BY WEIGHT IN GREY CEMENT.
- WHERE PUBLIC UTILITIES' ASSETS (POWER POLES, STORMWATER PITS, TREE ROOT SYSTEMS, ETC) ARE LOCATED WITHIN THE ALIGNMENT OF THE PROPOSED SHARED PATH, THESE ASSETS MUST BE AVOIDED, RELOCATED OR MODIFIED AT THE DEVELOPER'S COST. ALL SUCH WORKS TO COMPLY WITH THE RELEVANT AUTHORITIES' REQUIREMENTS.
- CONCRETE STRENGTH SHALL BE 32 MPA MINIMUM AT 28 DAYS. ALL CONCRETE TO BE PRE-MIXED AND HAVE A LIGHT BROOM FINISH.
- BOTH EDGES OF THE PATH MUST BE POURED AGAINST SMOOTH FORMWORK.
- ALL EDGES TO BE ROUNDED BY THE PROPER USE OF A SUITABLE EDGE TOOL.
- NO HIGHLIGHTING OF EDGES AND JOINTS.
- SPACING OF EXPANSION JOINTS FILLED WITH CORK OR BITUMINOUS PARTICLE BOARD (10mm WIDE x FULL DEPTH) MUST NOT EXCEED 15m. TOOLED JOINTS (5mm WIDE x 20mm DEEP) TO BE FORMED AT 15m MAXIMUM SPACING.
- THE SITE SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH A.S 1742.3
- ALL EXISTING PATHS OR KERBS TO BE DEMOLISHED SHALL BE SAWCUT AT THE JOINTS PRIOR TO REMOVAL.
- AT THE COMPLETION OF THE CONSTRUCTION WORKS, ALL AREAS DISTURBED DURING THE CONSTRUCTION e.g. KERBS, FOOTPATHS, VEHICLE CROSSINGS, ROAD PAVEMENT, SIGNS etc. ARE TO BE REINSTATED BY THE CONTRACTOR. ALL CONCRETE REINSTATEMENT IS TO BE CARRIED OUT BETWEEN EXISTING JOINTS. EXCAVATED MATERIAL, INCLUDING PIPES, PITS AND BROKEN CONCRETE IS TO BE REMOVED FROM THE SITE AND CARTED TO A SITE DESIGNATED BY THE CONTRACTOR, OR IF DIRECTED BY THE SUPERINTENDENT'S REPRESENTATIVE, TO A SITE WITHIN THE CITY OF KINGSTON. ALL TIPPING CHARGES TO BE BORNE BY THE CONTRACTOR.
- UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, ALL RUBBISH REMOVED AND THE SITE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT'S REPRESENTATIVE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN THE CONSTRUCTION AREA IN A SAFE MANNER AND TO BE SURE THAT ADEQUATE BARRIERS, LIGHTS AND SIGNS ARE INSTALLED AND MAINTAINED WHERE NECESSARY IN ACCORDANCE WITH A.S.1742.3 AND AS DIRECTED BY COUNCIL OFFICERS.

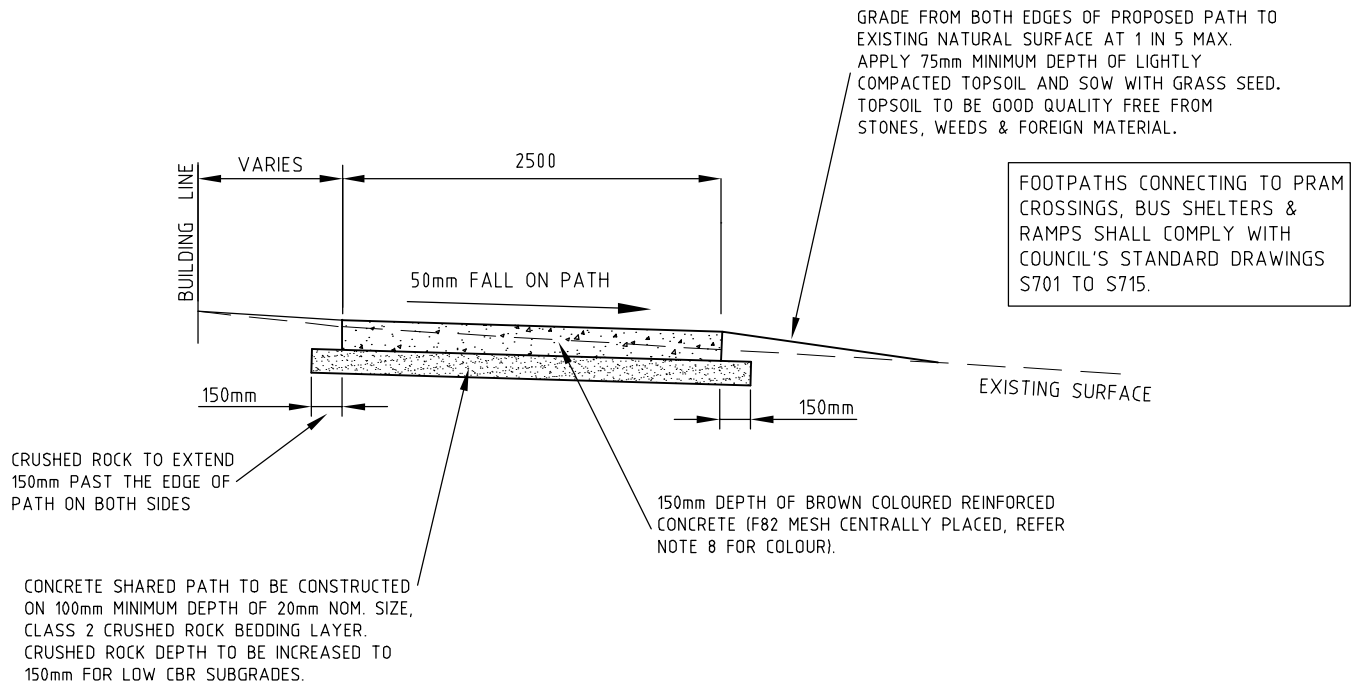
KINGSTON CITY COUNCIL STANDARD DRAWING

DRG. NO. **S302**

ISSUE DATE: 22/03/12

CONCRETE FOOTPATHS
NOT CARRIED OUT AS PART OF NEW SUBDIVISIONS

STANDARD DRAWING ISSUE
CURRENT AT TIME OF
CONSTRUCTION MUST BE USED



NOTES:

1. THIS DRAWING SHOWS DETAILS FOR A TYPICAL SHARED PATH LAYOUT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SPECIFIC SITE CONDITIONS HAVE BEEN ALLOWED FOR. REFER TO COUNCIL ENGINEER'S FOR A DECISION AT LOCATIONS WHERE THE PROPOSED PATH IS ABOVE EITHER THE BUILDING LINE OR TOP OF KERB LEVELS.
2. WHERE PUBLIC UTILITIES' ASSETS (POWER POLES, STORMWATER PITS, TREE ROOT SYSTEMS, ETC) ARE LOCATED WITHIN THE ALIGNMENT OF THE PROPOSED SHARED PATH, THESE ASSETS MUST BE AVOIDED, RELOCATED OR MODIFIED AT THE DEVELOPER'S COST. ALL SUCH WORKS TO COMPLY WITH THE RELEVANT AUTHORITIES' REQUIREMENTS.
3. CONCRETE STRENGTH SHALL BE 32 MPA MINIMUM AT 28 DAYS. ALL CONCRETE TO BE PRE-MIXED AND HAVE A STIPPLE TROWEL FINISH.
4. BOTH EDGES OF THE PATH MUST BE POURED AGAINST SMOOTH FORMWORK.
5. ALL EDGES TO BE ROUNDED BY THE PROPER USE OF A SUITABLE EDGE TOOL.
6. NO HIGHLIGHTING OF EDGES AND JOINTS.
7. SPACING OF EXPANSION JOINTS FILLED WITH CORK OR BITUMINOUS PARTICLE BOARD (10mm WIDE x FULL DEPTH) MUST NOT EXCEED 15m. TOOLED JOINTS (5mm WIDE x 20mm DEEP) TO BE FORMED AT 2.5m MAXIMUM SPACING.
8. ALL SHARED PATHS MUST BE BROWN COLOURED CONCRETE. THE SURFACE SHALL BE FINISHED WITH BE FINISHED WITH BESCON TUFF-TOP DARK BROWN TOPPINGS SPREAD ONTO THE SURFACE AT THE RATE OF ONE BAG PER 10m², STIPPLE TOWEL FINISHED THEN SEALED WITH TWO COATS OF BESCON CLEAR STASEAL.
9. THE SITE SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH A.S 1742.3
10. ALL EXISTING PATHS OR KERBS TO BE DEMOLISHED SHALL BE SAWCUT AT THE JOINTS PRIOR TO REMOVAL.
11. THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT THE WORKS COMPLY WITH ALL REQUIREMENTS OF THE KINGSTON PLANNING SCHEME AND APPLICABLE PERMITS. BICYCLE PATH DESIGN & ASSOCIATED 'SHARED FOOTWAY' SIGNS SHALL COMFORM WITH 'GUIDE TO TRAFFIC ENGINEERING PRACTICE, PART 14 - BICYCLES'.

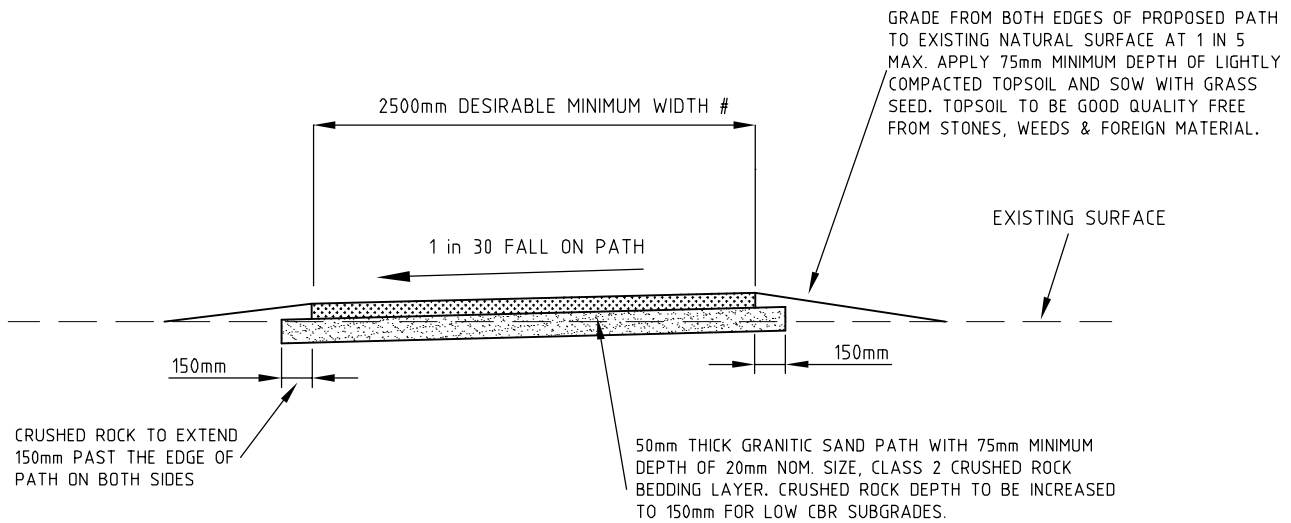
KINGSTON CITY COUNCIL
STANDARD DRAWING

DRG. NO. S303

ISSUE DATE: 22/03/12

CONCRETE SHARED PATHS
FOR BICYCLES AND PEDESTRIANS

STANDARD DRAWING ISSUE
CURRENT AT TIME OF
CONSTRUCTION MUST BE USED



APPLY TO COUNCIL FOR CONSIDERATION OF ALTERNATIVE WIDTHS UNDER SPECIAL CIRCUMSTANCES.

NOTES:

1. THIS DRAWING SHOWS DETAILS FOR A TYPICAL SHARED PATH LAYOUT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SPECIFIC SITE CONDITIONS HAVE BEEN ALLOWED FOR. REFER TO COUNCIL ENGINEER'S FOR A DECISION AT LOCATIONS WHERE LEVELS INDICATE THAT THE PROPOSED PATH WOULD CAUSE STORM WATER RUNOFF TO POND.
2. WHERE PUBLIC UTILITIES' ASSETS (POWER POLES, STORMWATER PITS, TREE ROOT SYSTEMS, ETC) ARE LOCATED WITHIN THE ALIGNMENT OF THE PROPOSED SHARED PATH, THESE ASSETS MUST BE AVOIDED, RELOCATED OR MODIFIED AT THE DEVELOPER'S COST. ALL SUCH WORKS TO COMPLY WITH THE RELEVANT AUTHORITIES' REQUIREMENTS.
3. THE SITE SHALL BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH A.S 1742.3
4. ALL EXISTING ASPHALT OR CONCRETE PATHS OR KERBS TO BE DEMOLISHED SHALL BE SAWCUT AT THE JOINTS PRIOR TO REMOVAL.
5. THE APPLICANT IS RESPONSIBLE FOR ENSURING THAT THE WORKS COMPLY WITH ALL REQUIREMENTS OF THE KINGSTON PLANNING SCHEME AND APPLICABLE PERMITS.

KINGSTON CITY COUNCIL
STANDARD DRAWING

DRG. NO. S304

ISSUE DATE: 22/03/12

GRANITIC SAND SHARED PATH
FOR BICYCLES AND PEDESTRIANS WITHIN RESERVES

STANDARD DRAWING ISSUE
CURRENT AT TIME OF
CONSTRUCTION MUST BE USED