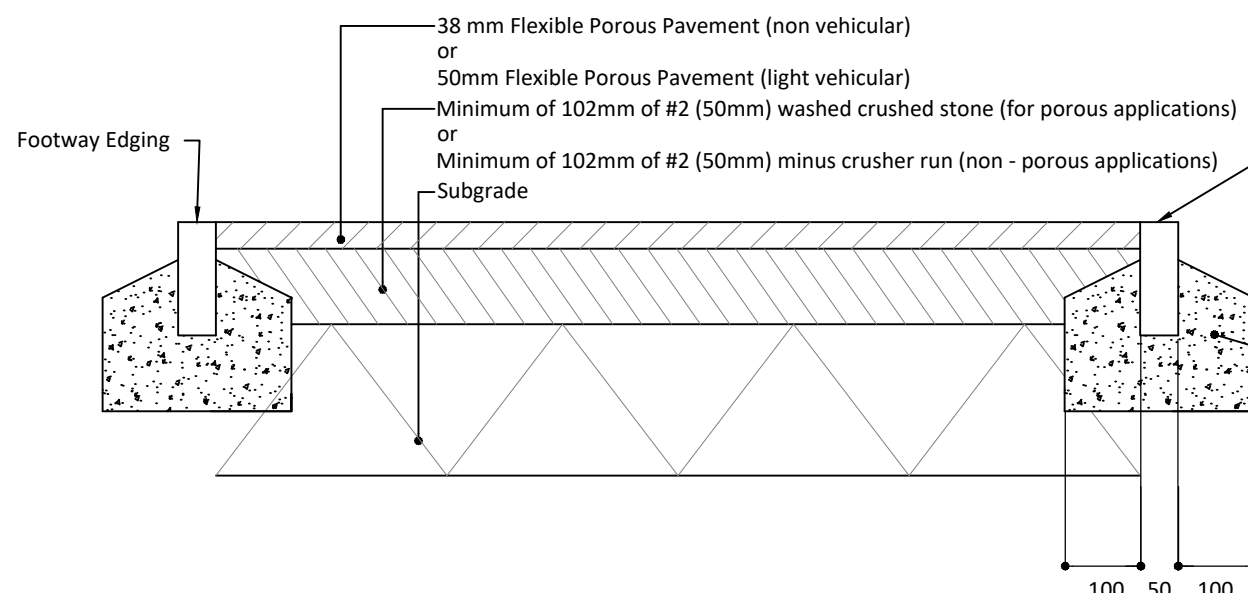
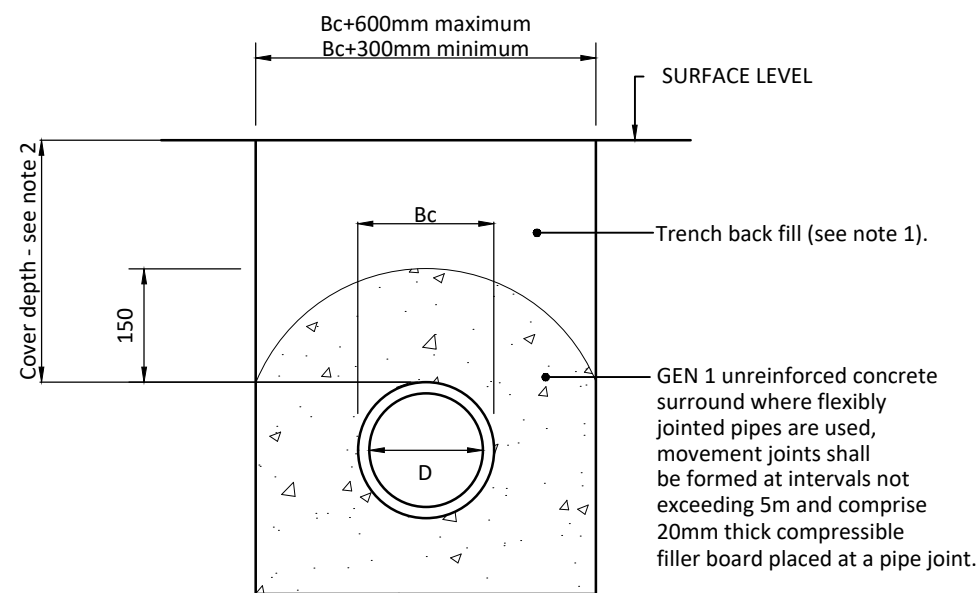
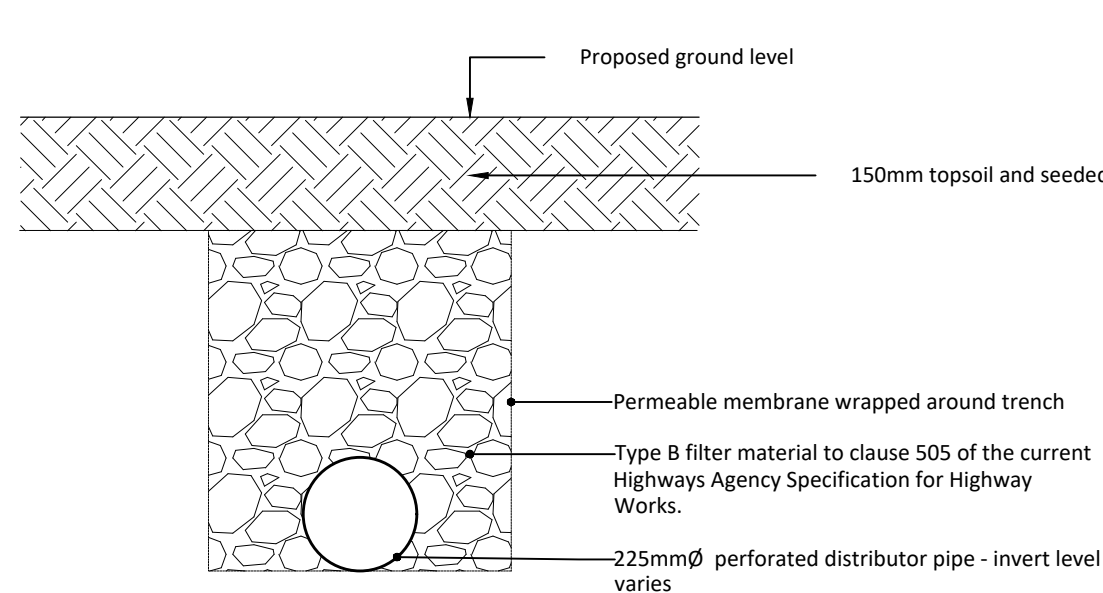
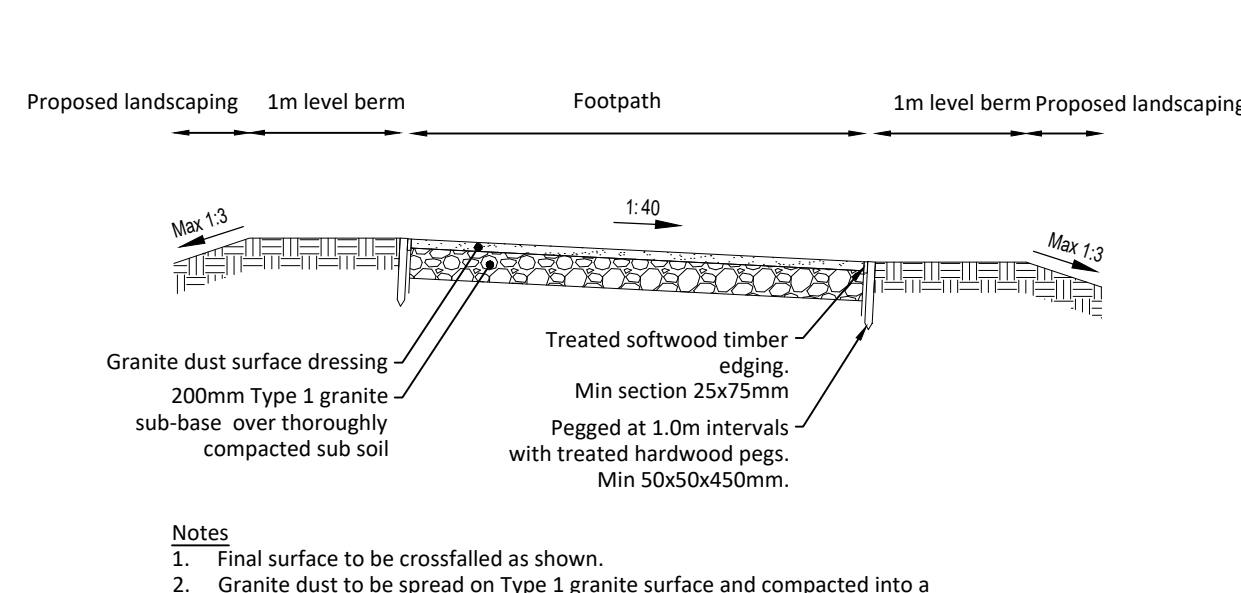




Flexible Porous Pavement- Base Detail - Flexipave or similar



Typical Section Through Land Drain



Typical Section Through Hoggin Footpath

General Notes

- This drawing is to be used in conjunction with all relevant drawings, specifications and details.
- All levels are in metres
- All dimensions are in metres unless noted otherwise.
- Do not scale from this drawing

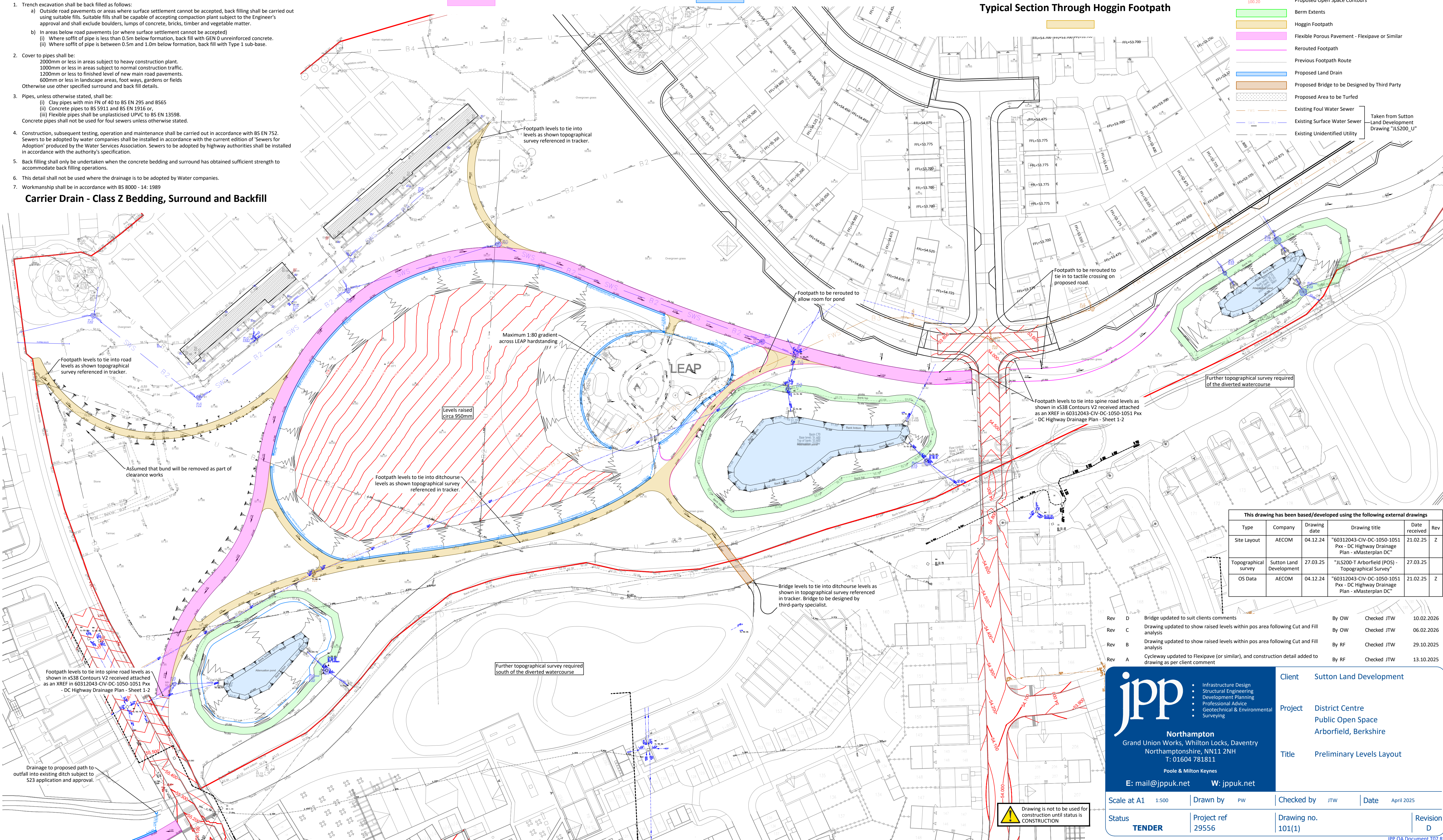
Drawing Key

- Site Boundary (Taken from layout referenced below)
- Banking Works (Max 1:3)
- Gradient
- Proposed level
- Existing Ground Levels
- Proposed Road/Cycleway Contours Designed by Others
- Proposed Open Space Contours
- Berm Extents
- Hoggin Footpath
- Flexible Porous Pavement - Flexipave or Similar
- Rerouted Footpath
- Previous Footpath Route
- Proposed Land Drain
- Proposed Bridge to be Designed by Third Party
- Proposed Area to be Turfed
- Existing Foul Water Sewer
- Existing Surface Water Sewer
- Existing Unidentified Utility

Notes and Specification

- Trench excavation shall be back filled as follows:
 - Outside road pavements or areas where surface settlement cannot be accepted, back filling shall be carried out using suitable fills. Suitable fills shall be capable of accepting compaction plant subject to the Engineer's approval and shall exclude boulders, lumps of concrete, bricks, timber and vegetable matter.
 - In areas below road pavements (or where surface settlement cannot be accepted)
 - Where soffit of pipe is less than 0.5m below formation, back fill with GEN 0 unreinforced concrete.
 - Where soffit of pipe is between 0.5m and 1.0m below formation, back fill with Type 1 sub-base.
- Cover to pipes shall be:
 - 2000mm or less in areas subject to heavy construction plant.
 - 1000mm or less in areas subject to normal construction traffic.
 - 1200mm or less to finished level of new main road pavements.
 - 600mm or less in landscape areas, foot ways, gardens or fieldsOtherwise use other specified surround and back fill details.
- Pipes, unless otherwise stated, shall be:
 - Clay pipes with min FN of 40 to BS EN 295 and BS65
 - Concrete pipes to BS 5911 and BS EN 1916 or,
 - Flexible pipes shall be unplasticised UPVC to BS EN 13598.Concrete pipes shall not be used for foul sewers unless otherwise stated.
- Construction, subsequent testing, operation and maintenance shall be carried out in accordance with BS EN 752. Sewers to be adopted by water companies shall be installed in accordance with the current edition of 'Sewers for Adoption' produced by the Water Services Association. Sewers to be adopted by highway authorities shall be installed in accordance with the authority's specification.
- Back filling shall only be undertaken when the concrete bedding and surround has obtained sufficient strength to accommodate back filling operations.
- This detail shall not be used where the drainage is to be adopted by Water companies.
- Workmanship shall be in accordance with BS 8000 - 14: 1989

Carrier Drain - Class Z Bedding, Surround and Backfill



This drawing has been based/developed using the following external drawings					
Type	Company	Drawing date	Drawing title	Date received	Rev
Site Layout	AECOM	04.12.24	"60312043-CIV-DC-1050-1051 Pxx - DC Highway Drainage Plan - xMasterplan DC"	21.02.25	Z
Topographical survey	Sutton Land Development	27.03.25	"JLS200-T Arborfield (POS) - Topographical Survey"	27.03.25	
OS Data	AECOM	04.12.24	"60312043-CIV-DC-1050-1051 Pxx - DC Highway Drainage Plan - xMasterplan DC"	21.02.25	Z

Rev D	Bridge updated to suit clients comments	By OW	Checked JTW	10.02.2026
Rev C	Drawing updated to show raised levels within pos area following Cut and Fill analysis	By OW	Checked JTW	06.02.2026
Rev B	Drawing updated to show raised levels within pos area following Cut and Fill analysis	By RF	Checked JTW	29.10.2025
Rev A	Cycleway updated to Flexipave (or similar), and construction detail added to drawing as per client comment	By RF	Checked JTW	13.10.2025

jpp

- Infrastructure Design
- Structural Engineering
- Development Planning
- Professional Advice
- Geotechnical & Environmental
- Surveying

Northampton
Grand Union Works, Whilton Locks, Daventry
Northamptonshire, NN11 2NH
T: 01604 781811
Poole & Milton Keynes

E: mail@jppuk.net W: jppuk.net

Client Sutton Land Development

Project District Centre
Public Open Space
Arborfield, Berkshire

Title Preliminary Levels Layout

Scale at A1 1:500	Drawn by PW	Checked by JTW	Date April 2025
Status TENDER	Project ref 29556	Drawing no. 101(1)	Revision D