SYMBOLS

PIT SURFACE LEVEL INVERT LEVEL TOP OF KERB **BOTTOM OF WALL** TOP OF WALL STORMWATER DRAINAGE PIPE DOWNPIPE TO RAINWATER TANK OVERFLOW PIPE FROM RAINWATER TANK Ø100 SUBSOIL PIPE Ø100 SUBSOIL PIPE FLOOR WASTE 150X150 ⊗ FW FLOOR WASTE 150Ø RWO RAINWATER OUTLET 300Ø PLANTER GRATE DOWN PIPE **CLEAN OUT** INSPECTION OPENING

VERTICAL DROP

VERTICAL RISER

GRATED INLET PIT

CAST IN SLAB PIPE

WIDE GRATED DRAIN

OVERLAND FLOW PATH

CONCRETE COVER JUNCTION PIT

VD

NOTES

- 1. ALL LINES ARE TO BE MIN. 100Ø UPVC @ MIN 1.0% GRADE UNLESS
- 2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
- ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN
- 4. ALL PITS IN DRIVEWAYS BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- 5. ALL WORK DO BE DONE IN ACCORDANCE WITH AS/NZ 3500.3 (CURRENT EDITION) AND COUNCIL SPECIFICATIONS.
- LOCATION OF DOWNPIPES & FLOOR WASTES ARE INDICATIVE ONLY. DOWNPIPE & FLOOR WASTE SIZE, LOCATION & QUANTITY TO BE DETERMINED BY BUILDER & IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
- 7. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL AND ALL OTHER RELEVANT CONSULTANT'S PLANS.
- 8. ALL RAINWATER TANKS TO BE FITTED WITH A FIRST FLUSH DEVICE TO PREVENT POTENTIAL CONTAMINANTS FROM ENTERING THE
- 9. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.
- 10. ALL PITS OR GRATES IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
- 11. ALL GUTTERS WILL BE FITTED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE DOWNPIPES
- 12. PROVIDE EMERGENCY OVERFLOW TO ALL PLANTER BOX AND BALCONIES.
- 13. ALL PITS WITH DEPTH MORE THAN 1M MUST HAVE IRON STEPS AND TO BE BENCHED AND STREAMLINED
- 14. PROVIDE STORMWATER GRATE 200Wx200D AT THE BASE OF ALL MECHANICAL SHAFTS AND UNCOVERED STAIRS OR OPENINGS.
- 15. ENSURE ALL DRAINAGE WORKS ARE AWAY FROM TREE ROOTS
- 16. SERVICES SHOWN ON THESE PLANS HAVE BEEN LOCATED FROM
- INFORMATION SUPPLIED BY THE RELEVANT AUTHORITIES AND FIELD INVESTIGATION AND ARE NOT GUARANTEED COMPLETE NOR CORRECT. IT IS THE CLIENT AND CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL PRIOR TO CONSTRUCTION.
- 17. ALL VARIATIONS TO THE WORKS AS SHOWN ON THE APPROVED DRAWINGS ARE TO BE CONFIRMED BY SMART STRUCTURES AUSTRALIA PRIOR TO COMMENCEMENT OF WORKS.
- 18. THE MINIMUM SIZES OF THE STORMWATER DRAINS SHALL NOT BE LESS THAN DN90 FOR CLASS 1 BUILDINGS AND DN100 FOR OTHER CLASSES OF BUILDING OR AS REQUIRED BY THE REGULATORY

SIZE OF MINIMUM INTERNAL DIMENSIONS FOR STORMWATER AND INLET PITS

	DEPTH OF INVERT OF OUTLET	MINIMUM INTERNAL DIMENSIONS (mm)		
		RECTANGULAR		CIRCULAR
		WIDTH	LENGTH	DIAMETER
	≤600	450	450	600
	>600 ≤900	600	600	900
	>900 ≤1200	600	900	1000
	>1200	900	900	1000

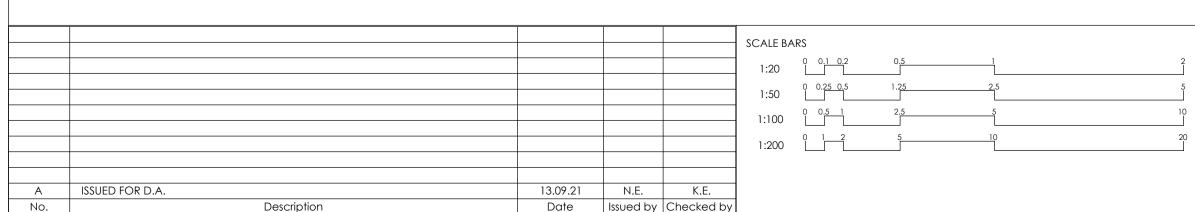
	DRAWING LIST		
DRAWING NUMBER	DRAWING NAME		

D00	COVER SHEET, LEGEND & DRAWING SCHEDULE
D01	BASEMENT 2 STORMWATER DRAINAGE PLAN
D02	BASEMENT 1 STORMWATER DRAINAGE PLAN
D03	GROUND FLOOR STORMWATER DRAINAGE PLAN
D07	ROOF STORMWATER DRAINAGE PLAN
D09	POST DEVELOPMENT CATCHMENT PLAN AND MUSIC MODEL RESULTS
D10	STORMWATER DRAINAGE SECTIONS AND DETAILS SHEET 1
D11	STORMWATER DRAINAGE SECTIONS AND DETAILS SHEET 2
D15	EROSION AND SEDIMENT CONTROL PLAN AND DETAILS SHEET 1
D16	EROSION AND SEDIMENT CONTROL PLAN AND DETAILS SHEET 2



IMPORTANT:

CONTRACTOR TO OBTAIN CURRENT SET OF "DIAL BEFORE YOU DIG" PLANS ON SITE ALL TIMES AND PRIOR TO CONSTRUCTION WORKS



CLIENT: LEVEL ARCHITECTS



SUIT 2.04, L2, BLDG 3, 35 WATERLOO RD., MACQUARIE PARK, NSW, 2113 info@smartstructs.com.au | www.smartstructs.com.au DRAWING TITLE COVER SHEET, LEGEND & DRAWING SCHEDULE

SHEET NO.

DESIGNED:

D00

10-11 RAILWAY ST, **WERRINGTON NSW 2747**

SCALE @ A1 PROJECT NO. 200442 PROJECT START DATE: AUTHORISED: DRAWN: SEPTEMBER 2021 N.E.

Version: 1, Version Date: 23/09/2021

