

STORMWATER DRAINAGE PIT SCHEDULE

PIT #	Pit Type	Internal Dimensions	Inlet Pipe/s	Outlet Pipe/s	Approx. Level Top of Cover	Cover Type	Step Iron
P1 ^s	Grated Pit	600 x 600	N/A	40.70	41.50	Webforge MSG 66D	N
P2 ^s	Grated Pit	900 x 900	From Pit P1 = 40.60	40.30	41.45	Webforge MSG 99D	Y
P3 ^s	Grated Pit	900 x 900	N/A	40.90	41.70	Webforge MSG 99D	N
P4 ^s	Grated Pit	900 x 900	From Pit P3 = 40.70	40.65	-41.60	Webforge MSG 99D	N
P5	22,150L Holding Pit	3.175 Ø	From DP = 40.80 From DP = 40.60	40.60	-41.52	Aquarius PC 301S66D	N/A
P6	11,075L Holding Pit	3.175 Ø	From Pit P4 = 40.40 From Pit P5 = 40.50	39.60	41.40	Aquarius PC 301S99D	N/A
P7 ^s	11,075L Treatment Pit	3.175 Ø	From Pit P6 = 40.80 From Pit P2 = 40.00	39.55	-41.42	Aquarius PC 331S99D	N/A
Ex.P8	Existing Grated Pit	-900 x 900		Ex. Pipe 38.85	40.01	N/A Ex. Cover	N/A

s Pit to be fitted with SPEL Stormsack as per Grated Pit Installation Guide detail Dwg No: SP15-ST10970-S. To be fitted to underside of pit grate.
 SPEL Filter to be as per design by SPEL Stormwater Management Plan with concrete riser to u/side of pavement level. To be installed as per Manuf't spec.

WARNING:
 The existing services shown on this plan have been derived either from field survey or plotted from records of the relevant authorities and no guarantee is given as to their accuracy. It is the responsibility of the contractor to verify on site the location of all services prior to the commencement of works.

LEGEND

- New Stormwater Drainage Pipe
- Existing Stormwater Drainage Pipe
- Down Pipe
- One Way Valve
- Existing surface levels
- Finished surface levels
- Grated Drainage Pit

- ### CIVIL NOTES:
- Contractor / builder are to acquaint themselves with location of all services prior to commencement of work - no responsibility will be taken for any damage to services whether shown or not.
 - All work (including Pits & Crossovers) is to comply with the Tamworth Regional Council specifications & Standard Stormwater Drawings.
 - All Stormwater pipes with their size not noted on plan to be 150mm Ø uPVC quality with MIN grade of 1:100 and are to be fully sealed. All pipes under driveway areas are to be 150mm Ø uPVC quality. I.O. (inspection opening) fittings are to be installed at all pipe junctions and changes of direction except at pits. New stormwater pipes installed under hard stand (ie: Concrete) driveway & paved areas are to have a MIN cover of 450mm from finished surface level to top of the stormwater pipe UNO. Pipes installed in garden areas (not exposed to vehicle access) to have a MIN cover of 300mm from finished surface level to top of the stormwater pipe UNO by manufacturer of alternative pipe type. Pipes installed under non-hard stand (ie: Gravel/Crushed Rock) driveway areas exposed to vehicle access are to have a MIN cover of 600mm from finished surface level to top of the stormwater pipe.
 - All drainage works & installation of same shall comply with AS 3500.2 Part 3 Stormwater Drainage. Stormwater pipes shall be located in sufficient proximity to other services as per AS 3500.3 Cl 6.2.6.
 - Agricultural drains shall be 90/100mm diameter 'Draincoil' laid in continuous lengths to a minimum grade of 1 in 400 -alternatively- they are to be specified by the Structural Engineer.
 - All excess spoil to be disposed of off site as directed.
 - All concrete to be fc 32 MPa MIN.
 - The contractor shall arrange all inspections and obtain certificates of approval plus as any additional instructions from the relevant authorities prior to backfilling/enclosing new services.
 - Backfilling of trenches is to be in accordance with the relevant Council Standard Specifications, Manufacturers specifications and/or in accordance with the Soil report.
 - Forty-eight hours notice shall be given to the relevant Council before starting works outside property boundary.
 - Pavement make up to be as noted on the Civil Engineering drawings.
 - Connect to legal point of discharge to the satisfaction of the Tamworth Regional Council's Engineer.
 - All pit wall & base thicknesses shall be 150mm MIN.
 - All pit grates shall be as noted on the Pit Schedule. They shall be installed & maintained in accordance with the Manufacturer's recommendations.
 - All drains are to be laid in accordance with manufacturers specifications.
 - Concrete encasement around pipes, where noted on the drawings, shall be of square cross section with 100mm MIN cover to pipe.
 - Any footpaths, driveways or existing features disturbed, broken or affected by the works are to be reinstated to the complete satisfaction of Tamworth Regional Council's Supervisor/Engineer.
 - Dial 1100 Before You Dig for existing underground services which may be affected by the proposed services.
 - All excess spoil to be disposed of off site as directed.

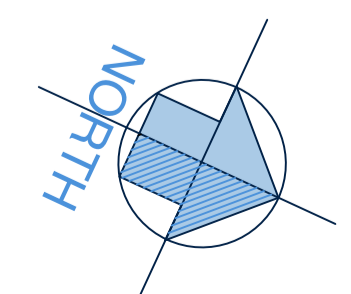
PROPOSED CAR WASH SITE STORMWATER LAYOUT PLAN

SCALE 1 : 100

ISSUE	DESCRIPTION	DATE
B	Stormwater Plan & Pit Schedule updated to reflect new site levels	30-05-2021
A	Issued For DA Planning Approval	29-11-2020

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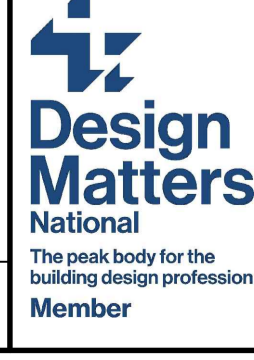
ISSUED FOR PLANNING APPROVAL
 NOT TO BE USED FOR CONSTRUCTION PURPOSES



PROPOSED CAR WASH ADDITION

AT: LOT 3, 1-21 CRANBROOK ROAD,
 CRANBROOK, NSW, 2749.
 FOR: CARWASH WORLD PTY LTD

Drawn: T. MICHAELS
 Designed: T. MICHAELS



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