

ELEVATIONS

1:100

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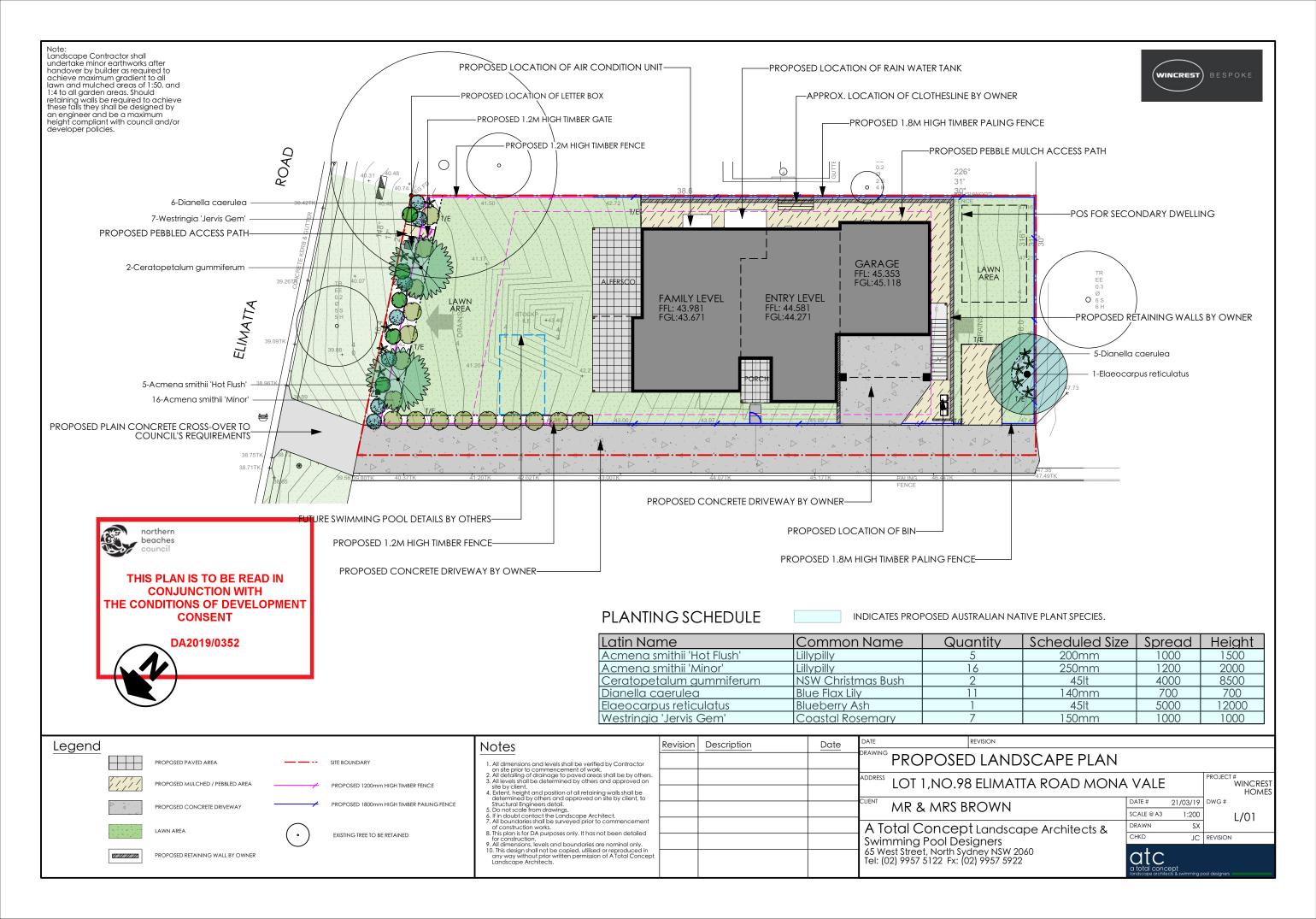
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Wincrest Group Pty Ltd. ACN 135 562 873 Builders License No. 213 442C 18 Pitt St, Paramatta NSW 2150 Ph:(02) 9635 1644 Fax:(02) 9633 4806

		AFF	FINITY INCLUSIONS	
	PROPOSED RESIDENCE FOR:	DESIGN NAME: CUST	ГОМ	
CLIENT:	MR & MRS BROWN	DESIGN NO:		
CLIENT. WIT & WITTS DITOWN		FACADE: CUSTOM		
ADDRESS:		JOB NO: 17271	DATE: 04.03.19	
1 '	No 98 ELIMATTA ROAD	DRAWN: EC	CHECKED:.	
MONA	VALE	SCALE: 1:100	SHEET NO:05 /	

NORTHERN BEACHES COUNCIL

ISSUE: H Please discard all other plans

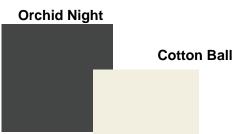


External Colour Selection Schedule

our ref 17271

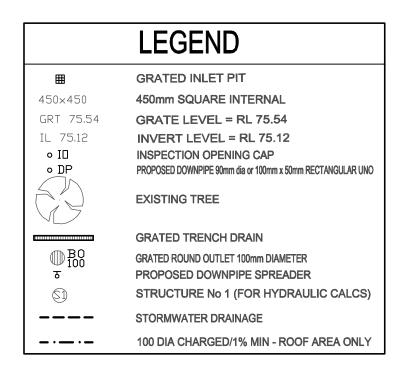


EXTERNAL COLOUR SELECTIONS				
Detail	selection			
Roof colorbond	Dune			
Fascia / Garage	surfmist			
Gutters	Surfmist			
Windows	Cotton Ball			
Cladding	Orchid night			
Downpipes	Orchid Night			
Eaves	Cotton Ball			
Rainwater tank	Monument			





CONCEPT STORMWATER MANAGEMENT PLANS PROPOSED NEW RESIDENTIAL DEVELOPMENT No.98 ELIMATTA ROAD, MONA VALE NSW 2103



NORTHERN BEACHES DRAINAGE CALCULATIONS

RELEVANT DESIGN CODE: NORTHERN BEACHES COUNCIL'S STORMWATER MANAGEMENT CODE.

DRAINAGE CODE REQUIREMENT:

PART OF A RECENT SUBDIVISION WITH THE CONSTRUCTION OF AN ONSITE STORMWATER DETENTION TANK LOCATED WITHIN THE FRONT SETBACK OF THE PROPERTY. THE OSD TANK IS CAPABLE OF DETAINING 48m3.

REFER TO RECENT SUBDIVISION REGISTRATION WHICH INDICATES THE EXISTING OSD TANK SYSTEM

STORMWATER MANAGEMENT METHODOLOGY

COLLECT ALL OF THE ROOF AREA OF THE PROPOSED DWELLING AND DISCHARGE INTO ABOVE GROUND 3000 LITRE RAINWATER TANK LOCATED ON THE SOUTHERN SIDE OF THE DWELLING WITH THE OVERFLOW AND PART OF THE IMPERVIOUS & PERVIOUS SURFACES DRAINING INTO THE EXISTING OSD TANK LOCATED WITHIN THE FRONT YARD OF

REFER TO SHEET D2 FOR DESIGN

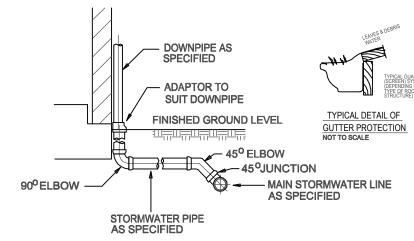
DESIGN BASED ON AR & R , AS 3500 AND RELEVANT COUNCIL STORMWATER MANAGEMENT GUIDELINES

GENERAL NOTES

- DETERMINED BY BUILDER/ARCHITECT AT TIME OF CONSTRUCTION.
- 2. THESE DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND OTHER CONSULTANTS DRAWINGS. ANY DISCREPANCIES TO BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH WORK
- 3. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH AS/NZS 3500.3:2003 STORMWATER DRAINAGE, BCA AND LOCAL COUNCIL POLICY/CONSENT/REQUIREMENTS.
- 4. ALL DIMENSIONS AND LEVELS TO BE VERIFIED BY BUILDER ON-SITE PRIOR TO COMMENCEMENT OF WORKS. THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS NOR TO BE USED FOR SETOUT PURPOSES
- 5. ALL SURVEY INFORMATION AND PROPOSED BUILDING AND FINISHED SURFACE LEVELS SHOWN IN THESE DRAWINGS ARE BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS.
- 6. THESE DRAWINGS DEPICT THE DESIGN OF SURFACE STORMWATER RUNOFF DRAINAGE SYSTEMS ONLY AND DO NOT DEPICT ROOF DRAINAGE OR SUBSOIL DRAINAGE SYSTEMS UNLESS NOTED OTHERWISE. THE DESIGN OF ROOF AND SUBSOIL DRAINAGE SYSTEMS IS THE RESPONSIBILITY OF OTHERS.
 - STORMWATER DRAINAGE PIPES ARE TO BE 100mm DIAMETER C AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.
- S THE CONTRACTORS RESPONSIBILITY TO LOCATE AND LEVEL EXISTING SERVICES OR OTHER STRUCTURES WHICH MAY FECT/BE AFFECTED BY THIS DESIGN PRIOR TO COMMENCEMENT

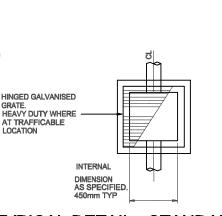
PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EQUAL. IIS PLAN IS THE PROPERTY OF EZE HYDRAULIC ENGINEERS ND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN

AS SPECIFIED



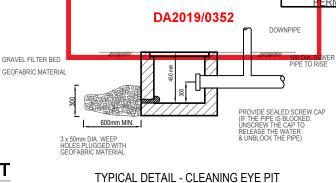
TYPICAL DETAIL - DOWNPIPE CONNECTION

NOT TO SCALE



TYPICAL DETAIL - STANDARD PIT

NOT TO SCALE



THIS PLAN IS TO BE READ **CONJUNCTION WITH**

CONSENT

THE CONDITIONS OF DEVELOP

NOT TO SCALE

beaches

OUTLET (PRECAST CONCRETE OR BRICK INSITU PIT PIPE CONNECTION SURFACES TO BE COATED WITH RELEVANT PRIME AND ADHESIVE. EXPOXY MORTAR JOINTS AND ENSURE WATERTIGHT PIPE TO BE CUT FLUSH WITH INTERNAL PIT WALL. INLET

20MM BENCHING

A 06.03.19 DA ISSUE	DATE AMENDMENT	DATE	199
	06.03.19 DA ISSUE	06.03.19	Α

ARCHITECT/BUILDER WINCREST HOMES CLIENT MR. & MRS. BROWN

EZE DRAINAGE SOLUTIONS

Pty Ltd ACN 619 135 198

CONSULTING ENGINEERS CIVIL & STORMWATER MANAGEMENT

Ph: (02) 97067767 Fax: (02) 94754315 Email: info@ezeeng.com.au

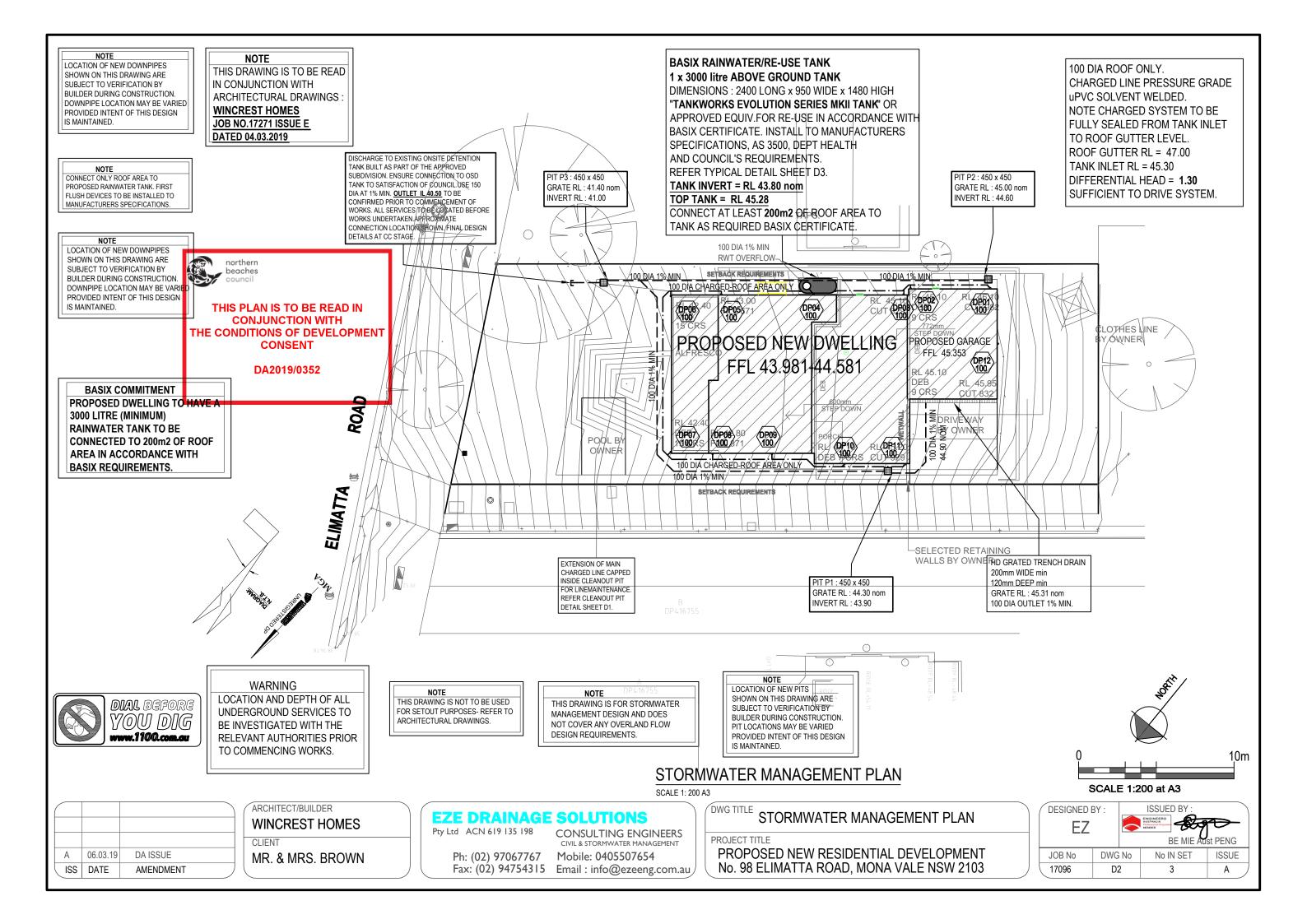
Mobile: 0405507654

COVER SHEET & CALCULATION TABLE

PROJECT TITLE

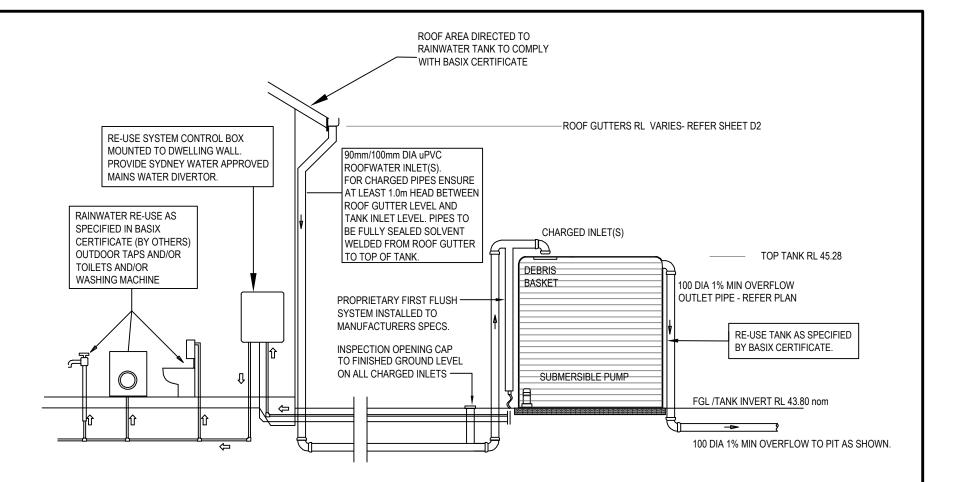
PROPOSED NEW RESIDENTIAL DEVELOPMENT No. 98 ELIMATTA ROAD, MONA VALE NSW 2103

DESIGNED BY:		ISSUED BY :	7	
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RAINWATER RE-USE SYSTEM NOTES

- 1. TOWNWATER CONNECTION TO RAINWATER TANK TO BE TO THE SATISFACTION OF SYDNEY WATER. THIS MAY REQUIRE PROVISION OF:
 - a. PERMANENT AIR GAP.
 - b. A BACKFLOW PREVENTION DEVICE.
 - c. NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE RAIN WATER SUPPLY.
 - d. AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANK.
- 2. PROVIDE AT LEAST ONE (1) EXTERNAL HOSE COCK ON THE TOWN WATER SUPPLY FOR FIRE FIGHTING.
- 3. PROVIDE APPROPRIATE FLOAT VALVES AND/OR SOLENOID VALVES
- 4. ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY LICENSED PLUMBERS IN ACCORDANCE WITH AS3500.1 NATIONAL PLUMBING AND DRAINAGE CODE.
- 5. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY LICENSED ELECTRICIAN.
- 6. ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANK. SURFACE WATER INLETS ARE NOT TO BE CONNECTED.
- PIPE MATERIALS FOR RAINWATER SUPPLY PLUMBING ARE TO BE APPROVED MATERIALS TO AS 3500 PART 1 SECTION 2 AND TO BE CLEARLY AND PERMANENTLY IDENTIFIED "RAINWATER". THIS MAY BE ACHIEVED FOR BELOW GROUND PIPES USING IDENTIFICATION TAPE (MADE IN ACCORDANCE WITH AS 2648) OR FOR ABOVE GROUND PIPES BY USING ADHESIVE PIPE MARKERS (MADE IN ACCORDANCE WITH AS1345).
- 8. EVERY RAINWATER SUPPLY OUTLET POINT AND THE RAINWATER TANK ARE TO BE LABELLED "RAINWATER" ON A METALLIC SIGN IN ACCORDANCE WITH AS 1319.
- ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND VERMIN ENTRY.
- 10. SYSTEM TO COMPLY WITH SYDNEY WATER REQUIREMENTS AND ANY CONDITIONS OF LOCAL COUNCIL DEVELOPMENT CONSENT.



FLEXIBLE PIPES RIGID PIPES - EXISTING SURFACE DEPTH OF REFER TO TABLE BEDDING WIDTH OF TRENCH TO AS 3500 REQUIREMENTS

STORMWATER DRAINS CONSTRUCTED OF OTHER THAN CAST IRON DUCTILE IRON OR GALVANISED STEEL HAVING COVER LESS THAN THAT SPECIFIED IN TABLE SHALL BE COVERED WITH AT LEAST 50mm OVERLAY AND SHALL BE PAVED WITH AT LEAST-

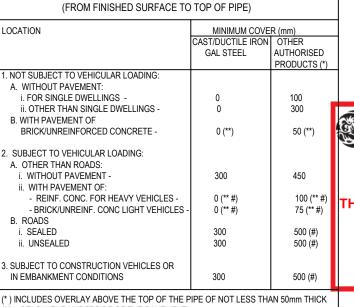
(a) 100mm THICKNESS OF REINFORCED CONCRETE WHERE SUBJECT TO HEAVY VEHICULAR LOADING

LEGEND - TRENCH BACKFILL

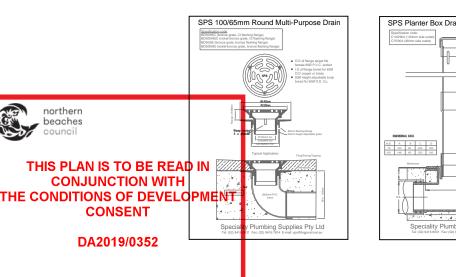
SYMBOL	FLEXIBLE PIPES	RIGID PIPES
	BACH	KFILL
	PIPE (OVERLAY
	PIPE SIDE SUPPORT	SIDE ZONE
	_	HAUNCH ZONE
	PIPE UNDERLAY	BED ZONE

TYPICAL DETAIL - RAINWATER RE-USE TANK

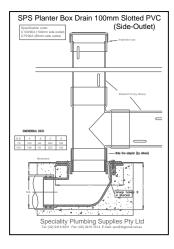
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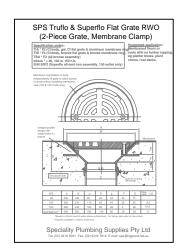


MINIMUM PIPE COVER



NOT TO SCALE





TYPICAL DETAILS- PLANTER BOX, BALCONY & TERRACE GRATE

06.03.19 DA ISSUE ISS DATE **AMENDMENT**

ARCHITECT/BUILDER

LOCATION

1. NOT SUBJECT TO VEHICULAR LOADING:

ii. OTHER THAN SINGLE DWELLINGS -

BRICK/UNREINFORCED CONCRETE -

- REINF. CONC. FOR HEAVY VEHICLES

3. SUBJECT TO CONSTRUCTION VEHICLES OR IN EMBANKMENT CONDITIONS

(**) BELOW THE UNDERSIDE OF THE PAVEMENT

(#) SUBJECT TO COMPLIANCE WITH AS1762, AS2033, AS/NZS 2566.1, AS3725 OR AS 4060

- BRICK/UNREINF. CONC LIGHT VEHICLES

2. SUBJECT TO VEHICULAR LOADING:

A. WITHOUT PAVEMENT: i. FOR SINGLE DWELLINGS

B. WITH PAVEMENT OF

A. OTHER THAN ROADS:

B. ROADS

i. SEALED

ii. UNSEALED

i WITHOUT PAVEMENT

ii. WITH PAVEMENT OF:

WINCREST HOMES

CLIENT

MR. & MRS. BROWN

EZE DRAINAGE SOLUTIONS

Pty Ltd ACN 619 135 198

CONSULTING ENGINEERS CIVIL & STORMWATER MANAGEMENT

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DWG TITLE TYPICAL DETAILS	
PROJECT TITLE	
PROPOSED NEW RESIDENTIAL DEVELOPMENT	
No. 98 ELIMATTA ROAD, MONA VALE NSW 2103	

DESIGNED BY :		ISSUED BY:			
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