

Beane Street

NOT FOR CONSTRUCTION

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The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

> A Issue for CC1 Issue Revision Description

PH RS 06.08.2021 Drawn Check Date

Existing tree to be removed (Refer Arborist report)

LEGEND



Key Plan:



T6

T4

Planning, Industry & Environment

Issued under the Environmental Planning and Assessment Act 1979

Approved Section 4.55 (1A) Modification Application

No: DA 10132 MOD 1 Granted on 23 September 2021

Sheet No: 1 of 13

Street Gertrude

MONO Constructions

Stanton Dahl Architects

Residential Apartment Building 56 Beane Street Gosford NSW 2250

Drawing Name: Tree management plan

CONSTRUCTION CERTIFICATE

Scale: 1:100 @ A1 Job Number: SS19-4189

Drawing Number:

Issue: 001 A



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	Issue for CC1
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е	Revision Description

Drawn Check Date

			LEGEND			
				Existing Tree to be Removed (Refer Arborist Report)		Proposed Shruk & Accent Plantin (Refer Plant Schedul
РН	RS	06 08 2021		($ \begin{bmatrix} + & + & + & + & + & + & + & + & + & +$	Proposed Groun (Refer Plant Schedul
PH	RS	19.07.2021	Ar S. Jan	Dranacad	<u>.</u>	Dropood Turf
PH	RS	24.09.2020	· + · •	Trop Blanting		(Refer Detail)
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PH	RS	10.09.2020	A-2000			
PH	RS	19.08.2020				
PH	RS	05.12.2019				
PH	RS	12.08.2019				





Residential Apartment Building 56 Beane Street Gosford NSW 2250



MONO Constructions

Architect

Stanton Dahl Architects

Drawing Name: Landscape Plan

CONSTRUCTION CERTIFICATE

Scale: 1:100 @ A1 Job Number: SS19-4189

Drawing Number:

Issue: 101 H



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D	Issue for CC1
С	For Approval
В	For Approval
А	For Approval
Issue	Revision Description

Drawn Check

Date

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PH	RS	10.09.2020	A A A A A A A A A A A A A A A A A A A	(Refer Plant Schedule)		
PH	RS	19.08.2020	.,			
PH	RS	05.12.2019				
PH	RS	12.08.2019				





MONO Constructions

Architect **Stanton Dahl Architects**

Residential Apartment Building 56 Beane Street Gosford NSW 2250

Drawing Name: Landscape Planting Plan

CONSTRUCTION CERTIFICATE

Scale: 1:100 @ A1 Job Number: SS19-4189

Drawing Number:

Issue: 102 H









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501 1:10

Н	Issue for CC1
G	Issue for CC1
F	Issue for CC1
Е	Issue for CC1
D	Issue for CC1
С	For Approval
В	For Approval
А	For Approval
Issue	Revision Description

PH	RS	06.08.2021
PH	RS	19.07.2021
PH	RS	24.09.2020
PH	RS	18.09.2020
PH	RS	10.09.2020
PH	RS	19.08.2020
PH	RS	05.12.2019
PH	RS	12.08.2019
Drawn	Check	Date









party.

Detail 75-200L Tree Planting on Structure

Detail Shrub Accent & Groundcover Planting on Structure



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Approved Section 4.55 (1A) Modification Application

No: DA 10132 MOD 1 Granted on 23 September 2021

Sheet No: 4 of 13 Signed: AW





























Precast unit paving as specified

Paver support pads as specified Waterproofing & drainage by others Suspended concrete slab by others

07 Precast Unit Pavers on Suspended Slab

MONO Constructions

Architect **Stanton Dahl Architects**

Residential Apartment Building 56 Beane Street Gosford NSW 2250

Drawing Name:

Landscape Details

CONSTRUCTION CERTIFICATE

Scale: Job Number: SS19-4189

Drawing Number:

501 H

SPECIFICATION

GENERAL NOTES

References

All plans and details included in the project documents shall be read in conjunction with this specification. All structural and civil works components of the landscape design shall be referenced to engineers' details and specifications. Read this specification in conjunction with the plant and materials schedules on the drawings. If in doubt about any detail or if conflicts are found in the documents, seek advice.

Workmanship and Materials

The whole of the landscape works shall be carried out by a competent, trained and gualified landscape contractor who is experienced in horticultural practices, landscape construction and planting techniques. The landscape contractor shall hold a current Building Contractors License and/or be a financial member of LNA Landscape Association NSW & ACT or equivalent organisations in other states.

EXISTING TREES AND SHRUBS

Trees and Shrubs to be Retained and Protected Identify and mark trees and shrubs to be retained using a suitable non-injurious, easily visible and removable means of identification. Protect from damage the trees and shrubs to be retained, including those beyond the site area, both above and below the ground. If a tree becomes damaged during the works or it is proposed to perform work on a tree, give written notice immediately and obtain instructions.

Work Near Trees and Shrubs

Keep the area of the drip-line free from construction material and debris. Do not place bulk materials and harmful materials under foliage canopies or near trees. Do not place spoil from excavations against tree trunks. Prevent wind-blown building materials, such as cement, from covering trees and other plants. Do not remove topsoil from, or add topsoil to, the area within the drip-line of trees.

EARTHWORKS

Excavation, Trimming and Filling

Except as otherwise noted in the contract, bulk excavation is excluded from the landscape works. After the completion of bulk excavation by others, trim and fill the excavated ground surfaces to achieve design levels to accommodate finish materials as detailed. Prepare the sub-grade surface as required for the various finished ground treatments.

Sub-soil Drainage

Keep the excavated works drained and free of standing water. Allow to supply and install sub-soil drainage pipes as required for the new works to ensure that all gardens are well drained. Connect the sub-soil drainage pipes to the nearest downstream stormwater pits. Include pipe filter socks and course sharp aggregate backfilling of trenches.

HARDWORKS

Furniture, Handrails, Balustrades

Supply and install the scheduled items in accordance with the manufacturer's recommendations, as detailed and in the locations shown on plan. Provide all footings and fixings required for the items to be stable and in accordance with applicable codes and standards.

Garden Walls, Fences, Steps, TGSI and Edging

Construct garden walls, fences, steps, TGSI and edging as shown on plan, as detailed and of the material scheduled. Provide footings, step nosings, tactile surfaces to comply with Australian Standards and applicable legislation. Refer to engineer's details for structural retaining walls, concrete stairs, concrete strength, reinforcing and joint placement.

Continuous, Unit and Loose Pavement

Install the scheduled material pavement to the locations shown on plan. Ensure that all subgrade/subsurface works are complete prior to commencing paving. Confer with the engineer to ensure the structural integrity of the subgrade. Ensure that the base course under paved surfaces is a continuous plane offering a constant depth of bedding material not exceeding 50mm. If laying unit pavers in a cement mortar bed on a concrete sub-base ensure that joints in paving match the location of joints in the concrete. Refer to engineer's details for heavy duty slabs, concrete stairs, concrete strength, reinforcing, and joint type and placement.

SOFTWORKS Site Soil Testing

Where site soil is to be retrieved from site and stored on site for reuse, undertake at least two (2) soil tests in locations as advised by the Project Manager or as shown on the plans. Provide results and recommendations regarding soil additives for the benefit of healthy plant growth and to adjust the soil components to achieve an appropriate planting medium for successful plant development.

Subsoil

Excavate and/or fill all garden beds to bring the top of subsoil to at least 300mm below finished design soil levels. Excavate all turf areas to bring the subsoil to at least 100mm below finished design levels. In all areas shape the subsoil to fall to subsoil drains where applicable. Do not excavate within the drip line of trees and shrubs to be retained. Cultivate or rip the subsoil to a further depth of 100mm before placing top soil. Remove stones of size exceeding 25mm, clods of earth exceeding 50mm, and weeds, rubbish or other deleterious material brought to the surface during cultivation. Do not disturb services or existing tree roots. If necessary cultivate these areas by hand. During cultivation, thoroughly mix in materials required to be incorporated into the subsoil, as recommended in the soil testing results and to manufacturer's recommendations. Trim the surface to design levels again after cultivation.

Topsoil

Import topsoil for the garden and turf areas, unless the topsoil can be provided from material recovered from the site, as recommended in the soil testing results. Spread the topsoil on the prepared subsoil and grade evenly, compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following

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characteristics

- Finished to design levels, allowing for mulch or turf, which is to finish flush with adjoining hard surfaces such as paths and edges;
- Smooth and free from inorganic matter, stones or clods of soil; • Graded to drain freely, without ponding, to catchment and/or sub-soil drains;
- Graded evenly to adjoining surfaces; and Ready for planting.

Compost

Provide, in accordance with AS 4454, well rotted vegetative material or animal manure, free from harmful chemicals, inorganic matter, grass, weeds and the reproductive parts of unwanted plants.

Fertiliser

Provide proprietary fertilisers, delivered to the site in sealed containers marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses, application rates and safety procedures. Apply appropriate fertiliser suited to the provenance of plants (indigenous or exotic) included in the design.

Supply plants in accordance with the landscape design drawings and schedules, which have the following characteristics: • Large healthy root systems, with no evidence of root curl, restriction or

- damage; • Vigorous, well established, free from disease and pests, of good form consistent with the species/variety;
- Hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site in full sun, partial shade or full shade conditions:
- Grown in final containers for not less than twelve weeks; • Trees, unless required to be multi-stemmed, shall have a single leading
- shoot; and • Containers shall be free from weeds and of appropriate size in relation to the specified plant size.

Plant Installation

Following excavation of the planting hole, place and spread 15gms of wetting agent pre-mixed with one (1) litre of water. Place the plant correctly orientated to north or for best presentation. Backfill the planting holes with specified topsoil mixture. Lightly tamp and water to eliminate air pockets. Ensure that the backfill soil is not placed over the top of the root ball and that the root ball is not higher than the soil in which it is planted. Apply fertiliser, as specified around the plants in the soil at the time of planting.

Embankment Stabilisation

Where necessary and shown on the drawings prevent soil erosion or soil movement by stabilising embankments as follows. As a minimum this should be on slopes steeper than or equal to 1:3 gradient. Stabilise embankments using biodegradable fibre reinforced heavy weight jute fabric. Lay fabric from top to bottom of slope. Install in accordance with manufacturer's specification, including 300 x 300mm anchor trench at top and bottom of slope, backfilled with soil over the fabric and compacted into the trenches. Using U-shaped galvanised steel pegs at 1000 mm centres generally and 250mm centres at edge overlaps, secure the fabric to the prepared soil surface. Plant through the fabric after it is installed.

Root Barrier

Supply and install root control barriers to all new tree plantings adjacent to walls, paths, kerbs and all service trenches, where their proximity poses a threat to the stability of the built infrastructure. Install in accordance with manufacturer's recommendations.

Mulch

Unless noted otherwise, mulch shall be approved proprietary recycled wood fibre or pine bark material. Place mulch in all garden beds to a depth of 75mm after all specified plants are installed. Keep mulch clear of all plant stems and rake to an even plane, flush with the surrounding surfaces evenly graded between design surface levels. Over fill to allow mulch to settle to the specified depth.

Stakes and Ties

Stakes shall be durable hardwood, straight, free of knots and twists, pointed at one end, in the following quantities and sizes for each of the various plant pot sizes:

- Plants >25 lt: 1 off 38 x 38 x 1200mm;
- Semi-advanced plants >75 lt: 2 off 50x50x 1800mm; • Advanced plants >100 lt: 3 off 50 x 50 x 2400mm.

Turf

Turf shall be delivered to site as 25mm minimum thick cut rolls. Obtain turf from a specialist grower of cultivated turf. Turf shall have an even thickness, free from weeds and other foreign matter. Deliver turf to the site within 24 hours of being cut and lay it within 24 hours of delivery. Prevent it form drying out between cutting and laying. Lay the turf in the following manner:

- In stretcher pattern, joints staggered and close butted;
- Parallel long sides of level areas, with contours on slopes; and • To finish flush, after lightly tamping, with adjacent finished surfaces and design levels.
- Species: Stenotaphrum secundatum Sir Walter Soft-leaf Buffalo.

IRRIGATION

Scope: Unless otherwise noted or instructed irrigate all planted areas shown on plans including planters, tubs, gardens, turf and the like.

The irrigation system shall be an automatic permanent system, with an irrigation controller self operated via a soil moisture sensor. The system shall be calibrated to deliver the optimum rate and volume of water appropriate to the type of plants in the design. The system shall be adjustable and fully serviceable. The layout of the entire irrigation system shall focus on delivering the required amount of water to maintain healthy and vigorous growth. The irrigation system shall be such that, component theft, vandalism, over-spray and wetting of paths shall be reduced to a minimum or completely eliminated by the use of drip, pop-up sprinklers and judiciously placed fixed spray emitters. Generally do not use fine mist emitters that provide a drifting mist that may wet paths and the buildings unless specifically required by the design.



LEGEND

PH	RS	06.08.2021
PH	RS	19.07.2021
PH	RS	24.09.2020
PH	RS	18.09.2020
PH	RS	10.09.2020
PH	RS	19.08.2020
PH	RS	05.12.2019
PH	RS	12.08.2019

Drawn Check Date

 Fertilising; • Maintaining mulch; Mowing and top dressing; • Irrigation and watering; Erosion control; and

 Weeding and rubbish removal. Maintenance Log Book

Implement and keep a maintenance log book recording when and what maintenance work has been undertaken and what materials, actions and decisions have been used, implemented and concluded to keep the landscape always looking its best. Enter data daily and review information every 2 weeks. Observe trends and develop a maintenance regime around seasonal and observed event occurrences.

Maintenance Activities During the defects maintenance period schedule the following activities to occur on a timely basis.

- basis.
- \circ if ever possible;
- 0 0
- if non-target species are too close.
- Product brand / manufacturer's name,
- Chemical / product name,
- Date of application and location. Results of application, and

- Fertiliser / product name,
- every 2 weeks.

- necessary.



Approved Section 4.55 (1A) Modification Application

No: DA 10132 MOD 1 Granted on 23 September 2021

Issue for CC1

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LANDSCAPE MAINTENANCE

The Landscape Contractor shall rectify defects during installation and that become apparent in the works under normal use for the duration of the contract Defects Liability Period. Unless contracted otherwise, the Landscape Contractor shall maintain the contract areas by the implementation of industry accepted horticultural practices for 52 weeks from Practical Completion of the works. The landscape maintenance works shall include, but not be limited to:

Insect and pest control;

• Maintaining and removing stakes and ties;

• Plant replacement - Replace plants that have failed to mature, die or are damaged. Replacement plants shall be in a similar size and quality and identical species or variety to the plant that has failed. Replacement of plants shall be at the cost of the landscape contractor unless advised otherwise. If the cause of the failure is due to a controllable situation then correct the situation prior to replacing plants. Observe and replace failed plants within 2 weeks of observation

• **Pruning** - Prune dead wood, broken limbs, dead or infected foliage and as needed to develop strong, healthy plants to achieve the shape and form expected of the plant type. Observe daily and prune plants on a needs

Insect, disease and pest control - Avoid spraying:

in wet weather or if wet weather is imminent; if target plants are still wet after rain;

in windy weather; and

Immediately report to the Project Manager any evidence of intensive weed infestation, insect attack or disease amongst plant material. Submit all proposals to apply chemicals and obtain approval before starting this work. When approved, spray with herbicide, insecticide, fungicide as appropriate in accordance with the manufacturers' recommendations. Observe daily and act as necessary to control any infestation or disease. Record in the

logbook all relevant details of spraying activities including:

Chemical contents,

Application quantity and rate,

Use approval authority.

• Fertilising - Fertilise gardens with a proprietary slow release fertiliser applied in accordance with the manufacturer's directions and recommendations. Apply 6-12 monthly. Record in the logbook all relevant details of fertilising including:

Product brand / manufacturer's name,

Application quantity and rate, and

Date of application and location

• Stakes and ties - Adjust and replace as required to ensure plants remain correctly staked. Remove those not required at the end of the planting establishment period (Defects Liability Period). Inspect and act at least

• Maintaining mulch - Maintain the surface in a clean, tidy and weed free condition and reinstate the mulch as necessary to ensure correct depth as specified. Observe weekly and replenish mulch as required.

• Mowing and top dressing - Mow the turf to maintain a grass height of between 30-50mm. Do not remove more than one third of the grass height at any one time. Remove grass clippings from the site after each mowing. Top dress to a maximum of 10mm to fill depressions and hollows in the surface. Mow weekly/fortnightly in warmer months. Mow monthly or as required in cooler months. Top dress at approximately 6 monthly intervals. • Irrigation and watering - Maintain the irrigation system to sure that each individual plant receives the required amount of water to maintain healthy and vigorous growth. Adjust and calibrate as required. Provide additional watering, if necessary but inspect irrigation weekly and make repairs as

• **Erosion control** - Where necessary, maintain the erosion control fabric in a tidy and weed free condition and reinstate as necessary to ensure control measures are effective where deemed necessary. Inspect every 2 weeks and act to repair any damage as soon as possible

• Weeding and rubbish removal - During the plant establishment period remove by hand, rubbish and weed growth that may occur or re-occur throughout all planted, mulched and paved areas. The contractor shall target weeds that are capable of producing a major infestation of unwanted plants by seed distribution. Whenever possible, time weed removal to precede flowering and seed set. Constant observation and removal of weeds is essential.

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Symbol	Botanical Name	Common Name	Mature	Mature	Pot Size	Quantity
Symbol			Height (m.)	Spread (m.)	FUL SIZE	Quantity
Trees	1	4				1
Bi	Bank sia integrifolia	Coastal Banksia	12	5	75L	1
Bc	Buckinghamia celsissima	Ivory Curl Tree	10	4	75L	2
Cv	Callistemon viminalis	Weeping Bottlebrush	6	5	75L	2
Са	Cupaniopsis anacardioides	Tuckeroo	12	7	75L	5
Нр	Harpullia pendula	Tulipwood	7	3	75L	3
Li	Lagerstroemia indica	Crepe Myrtle	6	3	75L	1
Lc	Lophostemon conferta	Brush Box	7	5	75L	1
MLG	Magnolia grandiflora 'Little Gem'	Dwarf Magnolia	5	3	75L	5
Ма	Melia azedarach	White Cedar	6	4	75L	2
Pr	Plumeria ruba	Frangipani	6	3	75L	3
П	Tristaniopsis laurina	Water Gum	12	4	75L	3
Shrub &	Accent Planting	4				
Asm	Acmena smithii 'Minor'		2	1.5	300mm	32
Bm	Buxus microphylla Japonica	Japanese Box	1.5	1.5	300mm	25
CW	Callistemon citrinus 'White Anzac'	Lemon Scented Bottlebrush	3	2	300mm	21
	Callistemon viminalis Little John	Little John Bottlebrush	0.8	0.8	300mm	16
	Cordyline 'Red Sensation'	Red Cordyline	2	1	300mm	10
De	Doryanthes excelsa	Gymea Lily	3	2	300mm	3
Ga⊢	Gardenia augusta 'Flonda'	Gardenia	0.5	1.5	300mm	6
Mp	Murraya paniculata	Orange Jessamine	3	2	300mm	47
NGS	Nandina 'Gulf Stream'	Nandina	0.7	0.5	300mm	30
	Philodendron xanadu	Xanadu	0.7	0.7	300mm	2
	Phormium 'Yellow Wave'	Yellow Wave NZ Flax	1	1	300mm	3
ROP	Rhaphiolepis 'Oriental Pearl'	Oriental Pearl	1	0.8	300mm	14
Sr	Strelitzia reginae	Bird Of Paradise	1.2	1.5	300mm	2
<u>SII</u>	Syzygium australe 'Tiny Trev'	Dwarf Lilly Pilly	0.7	0.5	300mm	27
SC	Syzygium 'Cascade'	Weeping 'Cascade' Lilly Pilly	0.7	0.5	300mm	42
Vo	Vibumum odoratissimum		4	2	300mm	11
WWG	Westringia Wynyabbie Gem'	VVynyabbie Rosemary	1	1	300mm	/0
Grasses	L & Groundcovers					
Ca	Carpobrotus glaucescens	Pig Face	0.2	0.9	150mm	22
Cm	Clivea miniata	Kaffir Lilv	0.45	0.3	150mm	11
DB	Dianella 'Breeze'	Breeze Flax Lilv	0.7	0.6	150mm	5
DSS	Dianella 'Silver Streak'	Silver Streak Flax Lilv	0.5	0.4	150mm	10
LJR	Liriope muscari 'Just Right'	Turf Lilv	0.5	0.5	150mm	31
	Lomandra Iongifolia 'Tanika'	Tanika Mat Rush	0.5	0.6	150mm	129
Mpa	Myoporum parvifolium	Creeping Boobialla	0.0	0.8	150mm	98
PN	Pennisetum 'Nafrav'	Swamp Foxtail	0.8	0.8	150mm	20
Ti	Trachelospermum iasminoides	Star Jasmine	0.3	0.5	150mm	46
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Issued under the Environmental Planning and Assessment Act 1979

Key Plan:

Signed: AW Sheet No: 5 of 13



SITE IMAGE





www.siteimage.com.au

Client: **MONO** Constructions

Architect

Stanton Dahl Architects

Residential Apartment Building 56 Beane Street Gosford **NSW 2250**

Drawing Name: Landscape Specifications & Plant Schedule

CONSTRUCTION CERTIFICATE

Scale Job Number: SS19-4189

Drawing Number:





Suite 1A, Level 2,

astwood NSW 212

2 Rowe Street,

IMENSIONS SHOWN IN DRAWINGS ARE TO BE CONFIRMED ON SITE BEFORE COMMENCEMENT OF WORK WING TO BE READ IN CONJUNCTION WITH ARCHITECTS PLANS AMING TO BE NEAD IN COMONOCING WITH AGAINING TO FLAND. E EXISTING GROUND LINES & TREES ARE APPROXIMATE CONY, TO BE VERIFIED ON-SITE BY BUILDER U WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH: ALL RELEVANT & CURRENT BUILDING CODES, ACTS & REGULATIONS ALL CURRENT AUSTRALIAN STANDARDS ALL LOCAL COUNCIL REGULATIONS AS WELL AS ALL DCP & LEP ASSOCIATED. (RIGHT INFORMATION: THE DRAWING IS THE COPYRIGHT OF 'QUANTUM ENGINEERS'. COPYING OR USING THIS DRA HOLE OR PART WITHOUT WRITTEN CONSENT INFRINGES COPYRIGHT.

GENERAL NOTES



MONO CONSTRUCTIONS ARCHITECT

STANTON DAHL ARCHITECTS REF No.2421.19

CLIENT

Environment STORNWATER MANAGEMENT PLANS - EARLY WORKS (CC1) **PROPOSED RESIDENTIAL FLAT BUILDING No.56 BEANE STREET, GOSFORD** LOT 30 DP:1250970

GENERAL NOTES

- FINAL LOCATION OF NEW DOWNPIPES TO BE DETERMINED BY BUILDER/ARCHITECT AT TIME OF CONSTRUCTION.
- 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.
- 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. 7. ALL STORMWATER DRAINAGE PIPES ARE TO BE uPVC AT MINIMUM 1% GRADE UNLESS NOTED OTHERWISE.
- 8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE AND LEVEL ALL EXISTING SERVICES OR OTHER STRUCTURES WHICH MAY AFFECT/BE AFFECTED BY THIS DESIGN PRIOR TO COMMENCEMENT OF WORKS.
- ALL PITS WITHIN DRIVEWAYS TO BE 150mm THICK CONCRETE OR EQUAL
- 10. THIS PLAN IS THE PROPERTY OF QUANTUM ENGINEERS AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM QUANTUM ENGINEERS

PLAN NOTES

- 1. ROOF DRAINAGE NOTE: AS 3500 ROOF DRAINAGE REQUIRES EAVES GUTTERS TO BE SIZED FOR 20 YEAR 5 MIN. STORM = 205mm/hr. FOR EAVES GUTTERS, AS 3500.3:2003 THEN HAS THE FOLLOWING REQUIREMENTS:
- 1.1. FOR TYPICAL STANDARD QUAD GUTTER WITH Ae = 6000mm² AND GUTTER SLOPE 1:500 AND STEEPER, THIS REQUIRES ONE DOWNPIPE PER 30m² ROOF AREA.
- 1.2 DOWNPIPES TO BE MINIMUM 90mm DIA. OR 100 x 50mm FOR GUTTERS SLOPE 1:500 AND STEPPER 1.3. OVERFLOW METHOD TO FIGURE G1 OF AS 3500.3:2003
- IT IS THE RESPONSIBILITY OF THE PLUMBER AND / OR BUILDER TO COMPLY WITH THIS. THIS DRAWING SHOWS PRELIMINARY LOCATIONS / NUMBERS OF DOWNPIPES ONLY WHICH ARE TO BE VERIFIED BY **BUILDER / PLUMBER**
- 2. TREE PRESERVATION: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF THOSE WORKS
- ALL ROOF GUTTERS TO HAVE OVERFLOW PROVISION IN ACCORDANCE WITH AS 3500.3:2003 AND SECTIONS 3.5.3. 3.7.5 AND APPENDIX G OF AS 3500.3:2003
- 4. THIS DRAWING IS NOT TO BE USED FOR SET-OUT PURPOSES - REFER TO ARCHITECTURAL DRAWINGS
- 5. LOCATION OF SURFACE STORMWATER GRATED INLET PITS MAY BE VARIED OR NEW PITS INSTALLED AT THE CONSTRUCTION STAGE PROVIDED DESIGN INTENT OF THIS DRAWING IS MAINTAINED

SURFAC

SURFAC (WITH OC

ACC

450 SQUAR

GRATE LE

INVERT LEVE

PROPOSED 90mm DIA. OR 100mm x 50mm MIN

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		_	
		E -	
	 	W-	
	 		 _

- OF COUNCIL'S REPRESENTATIVE.

- ON COUNCIL'S WEB SITE.
- HEALTH AND SAFETY ACT 2011. SUBMITTED TO COUNCIL PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- **REQUIREMENTS OR PAVEMENT DETAILS SHOWN ON THE APPROVED PLANS.**
- COMMENCEMENT OF ANY WORKS.

TO PEDESTRIANS, PEDAL	
TRAFFIC	
R PATHS ACCESSIBLE TO	
ES) OR LIVESTOCK	
OMMERCIAL TRAFFIC	
COMMERCIAL VEHICLES	
VEMENTS	
) HIGH WHEEL LOADS	
ERY HIGH WHEEL LOADS	

	STORMWATER DRAWINGS LIST	28/06/2021
DRAWING No.	DRAWING TITLE	REVISION
D1	DETAILS, NOTES & LEGEND	
D2	LOWER GROUND FLOOR PLAN & DETAILS	
D3	SITE / LEVEL 1 FLOOR PLAN	
D4	ROOF PLAN	
D5	COMBINED STORMFILTER / OSD & RAINWATER TANK DETAILS + CALCULATIONS	
D6	WATER QUALITY CATCHMENT DETAILS & CALCULATIONS	
D7	SEDIMENT CONTROL PLAN	
D8	STORMWATER & SEDIMENT CONTROL DETAILS + CALCULATIONS	Н

APPROX TRUE NORTH REVISION DATE DRAWING TITLE DESCRIPTION DETAILS, NOTES & LEGEND 03.09.2020 **RE-ISSUED FOR CC1** 07.09.2020 DISCHARGE LOCATION REVISED PROPOSED RESIDENTIAL FLAT BUILDING 12.10.2020 LOWER GROUND FLOOR AND DRIVEWAY LEVELS REVISED Lot 30, 56 BEANE STREET, GOSFORD 18.05.2021 OSD DISCHARGE LOCATION REVISED; ABSORPTION TRENCH ADDED FOR DRIVEWAY; PITS SP12 & Lot 30, DP125097 DA No. 19/2020/36/1 28.06.2021 ROOF PLAN ADDED

STORMWATER LEGEND

	GRATED TRENCH DRAIN		SURFACE INLET PIT
	ABSORPTION TRENCH		SURFACE INLET PIT (WITH OCEANGUARD 200)
	PROPOSED ROOF GUTTER FALL		ACCESS GRATE
⊢● SP	PROPOSED DOWNPIPE SPREADER		(WITH OCEANGUARD 200)
	STORMWATER PIPE 100mm DIA. MIN. UNO		ACCESS GRATE (TO HED PIT)
aaa	SUBSOIL PIPE	450 X 450	SQUARE INTERVAL
sw sw sw	EXISTING STORMWATER PIPE	SL 75.50	RATE LEVEL = 75.50
O IR	INSPECTION RISER	IL 75.20	RT LEVEL = RL 75.20
RWH	RAINWATER HEAD	DP 90	POSED DOWNPIPE

UNDERGROUND SERVICES LEGEND

UNDERGROUND ELECTRICITY CABLES UNDERGROUND SYDNEY WATER LINE

POSITION OF UNDERGROUND SERVICES AQIURED FROM 'PLAN SHOWING THE LOCATION OF EXPOSED SERVICES AT 56-58 BEANE STREEET, GOSFORD' BY ON POINT LOCATING PTY LTD, PLAN No. 56/58 BEANE

CENTRAL COAST COUNCIL GENERAL NOTES

1. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH CENTRAL COAST COUNCIL CIVIL WORKS SPECIFICATION AND TO THE SATISFACTION

THE SERVICE PROVIDER IS RESPONSIBLE FOR ONGOING MAINTENANCE OF EROSION AND SILTATION CONTROL MEASURES. ALL PUBLIC UTILITIES SHALL BE CLEARLY IDENTIFIED IN THE FIELD PRIOR TO ANY CIVIL WORKS. COUNCIL DOES NOT ACCEPT ANY RESPONSIBILITY FOR DAMAGE OR RELOCATION COSTS TO PUBLIC UTILITIES DURING CONSTRUCTION OF THE DEVELOPMENT. 4. PRIOR TO THE COMMENCEMENT OF ANY WORK A "NOTICE OF INTENTION TO COMMENCE -SUBDIVISION WORKS, ROADS ACT APPROVAL

WORKS AND/OR APPROVED STORMWATER DRAINAGE WORKS" MUST BE COMPLETED AND SUBMITTED TO COUNCIL. THIS FORM IS AVAILABLE

IT IS THE SERVICE PROVIDER'S RESPONSIBILITY TO ENSURE THAT ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE WORK PERMISSION TO ENTER, CONSTRUCT WORKS AND DISCHARGE STORMWATER ONTO ADJOINING PROPERTIES SHALL BE OBTAINED AND

PAVEMENT TO BE DESIGNED AND CERTIFIED BY A PRACTISING CONSULTANT GEOTECHNICAL ENGINEER AND SUBMITTED TO COUNCIL FOR APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORKS. APPROVED PAVEMENT DESIGN REPORTS SHALL PREVAIL OVER ANY DESIGN

THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE CONDITIONS STATED IN CENTRAL COAST COUNCIL'S ENGINEERING PLAN APPROVAL CORRESPONDENCE AND THE CONDITIONS OF THE DEVELOPMENT CONSENT.

IF THE STANDARD OR REQUIREMENTS FOR WORKS SHOWN ON THE APPROVED DRAWINGS DIFFER FROM THAT REQUIRED BY COUNCIL'S CIVIL WORKS SPECIFICATION THEN THE REQUIREMENTS OF THE CIVIL WORKS SPECIFICATION SHALL PREVAIL. CLARIFICATION SHALL BE OBTAINED FROM COUNCIL'S REPRESENTATIVE IF THERE IS CONCERN THAT THE REQUIREMENTS OF COUNCIL'S CIVIL WORKS SPECIFICATION MAY NOT BE APPROPRIATE FOR A SPECIFIC CIRCUMSTANCE.

10. THE SERVICE PROVIDER SHALL ADDRESS ALL PRECONSTRUCTION REQUIREMENTS OF COUNCIL'S CIVIL WORKS SPECIFICATION PRIOR TO

DESIGNED BY		CHECKED BY	No. IN SET	JOB NUMBER
D.CHENG				400040
D.CHENG		R.ELTOBBAGI	8	190210
J.FISHER	CC1	SCALE - SIZE	REVISION	DRAWING No.
D.CHENG		_		D1
D.CHENG			Н	וט
	DESIGNED BY D.CHENG D.CHENG J.FISHER D.CHENG D.CHENG	DESIGNED BY D.CHENG D.CHENG D.CHENG D.CHENG D.CHENG	DESIGNED BYCHECKED BYD.CHENGRE-ISSUEDFOR CC1R.ELTOBBAGIJ.FISHERCC1SCALE - SIZED.CHENGD.CHENG	DESIGNED BYCHECKED BYNo. IN SETD.CHENGRE-ISSUEDFOR CC1R.ELTOBBAGI8J.FISHERCCC1SCALE - SIZEREVISIOND.CHENGD.CHENG-H





DRAWING TITLE	APPROX TRUE NORTH	REVISION DATE		DESCRIPTION	DESIGNED BY		CHECKED BY	No. IN SET	JOB NUMBER	
SITE / LEVEL 1 FLOOR PLAN	N D		03.09.2020	RE-ISSUED FOR CC1	D.CHENG				100010	
PROPOSED RESIDENTIAL FLAT BUILDING		E	07.09.2020	DISCHARGE LOCATION REVISED	D.CHENG	RE-ISSUED FOR	R.ELTOBBAGI	8	190210	
		F	12.10.2020	LOWER GROUND FLOOR AND DRIVEWAY LEVELS REVISED	J.FISHER	CC1	SCALE - SIZE	REVISION	DRAWING No.	
Lot 30, 56 BEANE STREET, GOSFORD			G	18.05.2021	OSD DISCHARGE LOCATION REVISED; ABSORPTION TRENCH ADDED FOR DRIVEWAY; PITS SP12 & SP13 ADDED	D.CHENG		AS NOTED - A1		52
Lot 30, DP125097 DA No. 19/2020/36/1		н	28.06.2021	ROOF PLAN ADDED	D.CHENG			Н	D3	







DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
ROOF PLAN	N	D	03.09.2020	RE-ISSUED FOR CC1
PROPOSED RESIDENTIAL FLAT BUILDING		E	07.09.2020	DISCHARGE LOCATION REVISED
		F	12.10.2020	LOWER GROUND FLOOR AND DRIVEWAY LEVELS REVISED
Lot 30, 56 BEANE STREET, GOSFORD		G	18.05.2021	OSD DISCHARGE LOCATION REVISED; ABSORPTION TRENCH ADDED FOR DRIVEWAY; PITS SP12 &
Lot 30, DP125097 DA No. 19/2020/36/1		н	28.06.2021	ROOF PLAN ADDED

BEANE STREET

PROVIDE 50mm DIA OVERFLOW PIPE TO ALL TERRACI



DRAINAGE PIPES VIA GRAVITY

CHARGED DRAINAGE PIPES

DRAINAGE PIPE LEGEND

<u>Gend</u>		
CH CH CH CH CH CH		
m DIA UNO		
2		
ER LY TO OSD SYSTEM ER DR SLAB DW FLOOR SLAB		
TERRACES		
	L H H H H H H H H H H H H H H H H H H H	
	S TF	
JARY		
BOUNE		
<u>()</u>	DL	
27.395 (SUR	XTRU VITRU	
	Planning.	
	NSW Industry & Environment	
	Issued under the Environmental Planning and Assessment Act 1	979
	Approved Section 4.55 (1A) Modification Application	
	No: DA 10132 MOD 1 Granted on 23 September 202	21
ROOF PLAN 1:100	Signed: AW Sheet No: 9 of 13	
l		

	DESIGNED BY		CHECKED BY	No. IN SET	JOB NUMBER
	D.CHENG				100010
	D.CHENG		R.ELTOBBAGI	8	190210
	J.FISHER	CC1	SCALE - SIZE	REVISION	DRAWING No.
P13 ADDED	D.CHENG		AS NOTED - A1		D4
	D.CHENG			Н	D4



			_			ODE DETAILS	_					
	Max HGL		Max Pond	Max Surface	N	Max Pond	Min	Overflow	Constraint			
		-	HGL	Flow Arriving	N	/olume	Freeboard	(cu.m/s)	_			
		24.53	24.71	(cu.iii/s)	0.029	cu.m) 0	0.13	0.005	Inlet Capacity			
		20.56			0		-	1				
		24.52	24.71		0.028	0	0.18	3 0.006	Inlet Capacity			
			-	SUB	-CATC	HMENT DETAILS						
	Max		Paved	Grassed	P	Paved	Grassed	Supp.	Due to Storm			
	Flow Q		Max Q	Max Q	T	fc	Tc	Tc				
	(cu.m/s)	0.047	(cu.m/s)	(cu.m/s)	0.047	10	20) (AR&R 100 year,	1.5 hours storm, average 66	5.8 mm/h, Zone 1	
		0.029	0.02		0.009	5	10) (AR&R 100 year,	25 minutes storm, average	131 mm/h, Zone 1	
		0.015	0.007		0.009	10	20) (AR&R 100 year,	2 hours storm, average 56.7	7 mm/h, Zone 1	
		0.028	0.028		0	5	10) (AR&R 100 year,	5 minutes storm, average 2	49 mm/h, Zone 1	
							-	1				
			Outflow Volume	s for Total Catchn	nent (O	0.09 impervious +	0.17 pervious =	0.26 total ha)				
	Total Rain	fall	Total Runoff	Impervious Runo	off P	Pervious Runoff						
/h, Zone 1	cu.m	53.18	33.12 (62.3%)	16.87 (95.2%)	1	16.25 (45.8%)						
m/h, Zone 1		83.08	59.93 (72.1%)	26.84 (96.9%)	3	33.09 (59.8%)						
m/h, Zone 1	1	105.58	79.97 (75.7%)	34.34 (97.6%)	4	45.63 (64.8%)						
n/h, Zone 1		123.97	96.24 (77.6%)	40.47 (97.9%)	5	55.77 (67.5%)						
n/h, Zone 1	1	153.47	121.02 (78.9%)	50.30 (98.3%)	7	70.71 (69.1%)						
m/h, Zone 1	1	187.41	149.84 (80.0%)	61.62 (98.6%)	8	38.22 (70.6%)						
Zone 1	3	214.41	172.73 (80.6%)	70.62 (98.8%)	1	102.11 (71.4%)						
/h, Zone 1	-	257.08	208.58(81.1%)	84.84 (99.0%)	1	123.73 (72.2%)						
1, 2011E 1		C34.44	230.77 (01.570)	30.20 (33.1%)	Í	140.30 (72.470)						
			To T		PIP	E DETAILS						
	Max Q		MaxV	Max U/S	N	Max D/S	Due to Storm					
	(cu.m/s)	0.022	(m/s) 2.06	HGL(m)	4.469	-GL (m) 21.269	AR&R 100 year	25 minutes st	orm, average 13	1 mm/h. Zone 1		
		0.02	0.95	20	0.639	20.564	AR&R 100 year	2 hours storm	, average 56.7 m	m/h, Zone 1		
		0.021	2.46	2	4.459	21.257	AR&R 100 year,	15 minutes st	orm, average 16	5 mm/h, Zone 1		
		_			CHAN	NEL DETAILS						
	Max Q		Max V		CIDAIN	NEE DETAILS	Due to Storm	(
	(cu.m/s)		(m/s)									
				OVE	RELOW	ROUTE DETAILS						
	Max Q U/:	s	Max Q D/S	Safe Q	٨	Max D	Max DxV	Max Width	Max V	Due to Storm		
		0.005	0.004		1.485	0.013	0.02	1.3	2.76	AR&R 100 year, 25 minutes	s storm, average 131 mm/ł	h, Zone 1
		0 006	0 006	-	1.35	0.005	0.00	0 05	4.09	ARRP100vear 15 minutes	storm average 165 mm/	7 Zone 1
		0.000	0.000	-	1.403	0.005	0.04	0.5/	4.00	Anan Iooyear, IStimutes	storm, average 105 mm/r	1, 2011e 1
	May Mil		Marillo	DET!	ENTION	N BASIN DETAILS	Max O					
	IVIAX VVL		IVID X V UI	Total		low Level	High Level					
		21,19	30.5		0.02	0.02	()				
_				1000		4.51						_
	Inflow		CONTINUITY CH Outflow	Storage Change	0 year,	1.5 hours storm,	average 66.8 mr	n/h, Zone 1				
	(cu.m)		(cu.m)	(cu.m)	9	%						
		92.75	92.75		0	0						
		44.55	43.76		0	1.8						
		85.44	85.34		1.09	0						
		29.32	29.32		0	0						
		41.96	41.95		0	0	0					
	-		Run Los fe	r 190710 56 mm	+ 15-54	8-07 on 24/9/2020	using varion 2	020.04				
			No wate	r upwelling from	at 15:58 any pi	it. Freeboard was	adequate at all	pits.				
				Flowswer	re safe	in all overflow ro	utes.					
				DECIC		v						
				DESIGNE	ED B	Y				CHECKED BY	NO. IN SET	JO
				D.CHI	ENG		1001					
				ם כעו	ENIC		-ISSL	JED	FUR	R.ELTOBBAGI	8	
				D.CHI	LING							
				J.FISI	HER		C	C1		SCALE - SIZE	REVISION	DR
P13 ADDED				D CHI	ENG		V	• I				
				0.011						AS NOTED - A1		







- ROOF AREA DRAINING TO
STORMFILTER TANK
= 670.9m²

LEGEND

- PAVED AREA DRAINING TO STORMFILTER TANK = 104.2m²

SITE AREA: 1283.2m²

- PERVIOUS AREA DRAINING TO STORMFILTER TANK = 140.6m²

-PERVIOUS AREA TO BY-PASS STORMFILTER TANK = 260.5m²

- DRIVEWAY AREA TO BY-PASS STORMFILTER TANK = 107.0m²



OUANTUM NGINEERS Suite 1A, Level 2, 2 Rowe Street, Eastwood NSW 2122 02 9807 7800 admin@quantumengineers.com.au quantumengineers.com.au

L DIMENSIONS SHOWN IN DRAWINGS ARE TO BE CONFIRMED ON SITE BEFORE COMMENCEMENT OF WORK ALL DIMENSIONS SHOWN IN DRAWINGS ARE TO BE CONFIRMED ON SITE BEFORE COMMENCEMENT OF W DO NOT SCALE OFF DRAWINGS. DRAWING TO BE READ IN CONJUNCTION WITH ARCHITECTS PLANS. ALL EXISTING GROUND LINES & TREES ARE APPROXIMATE ONLY, TO BE VERIFIED ON-SITE BY BUILDER. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH: a) ALL RELEVANT & CURRENT BUILDING CODES, ACTS & REGULATIONS b) ALL CRELEVAT & SURRENT BUILDING CODES, ACTS & REGULATIONS b) ALL COUNCIL REGULATIONS AS WELL AS ALL DCP & LEP ASSOCIATED. OPYRIGHT INFORMATION: THE DRAWING IS THE COPYRIGHT OF 'QUANTUM ENGINEERS'. COPYING OR USING THIS DRA N WHOLE OR PART WITHOUT WRITTEN CONSENT INFRINGES COPYRIGHT.

GENERAL NOTES



CLIENT MONO CONSTRUCTIONS ARCHITECT STANTON DAHL ARCHITECTS REF No.2421.19

GENERAL NOTES

- 1. INLET AND OUTLET PIPES TO BE IN ACCORDANCE WITH APPROVED PLANS.
- 2. A HIGH FLOW BYPASS ARRANGEMENT OR DISSIPATION STRUCTURE MAY BE REQUIRED TO MINIMISE RE-SUSPENSION OF SOLIDS OR ANY SIGNIFICANT INERTIAL FORCES ON THE CARTRIDGES.
- ALL WATER QUALITY TREATMENT DEVICES REQUIRE PERIODIC MAINTENANCE. REFER TO OPERATION AND MAINTENANCE MANUAL FOR GUIDELINES AND ACCESS REQUIREMENTS.
- 4. SITE SPECIFIC PRODUCTION DRAWING WILL BE PROVIDED ON PLACEMENT OF ORDER.
- 5. THE INVERT LEVEL OF THE INLET PIPE MUST BE GREATER THAN THE RL OF THE FALSE FLOOR WITHIN THE CARTRIDGE CHAMBER.
- 6. CONCRETE STRUCTURE AND ACCESS COVERS DESIGNED AND PROVIDED BY OTHERS. ACCESS COVERS TO BE A MINIMUM 900 X 900 ABOVE CARTRIDGES. OH&S REGARDING ACCESS COVERS AND TANK ACCESS TO BE ASSESSED BY OTHERS ON SITE.
- THE STRUCTURE THICKNESSES SHOWN ARE FOR REPRESENTATIONAL PURPOSES.
- DRAWINGS NOT TO SCALE.

ndscape - 288m² (100

Paved Ground - 70m² (100%

71m2 (100% Imp.)

eway

- INSTALLATION NOTES
- UNDERDRAIN AND FALSE FLOOR INSTALLED BY OCEAN PROTECT.



'OCEANGUARD' DETAIL

WATER QUALITY CATCHMENT AREA

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
WATER QUALITY CATCHMENT DETAILS & CALCULATIONS	N	D	03.09.2020	RE-ISSUED FOR CC1
PROPOSED RESIDENTIAL FLAT BUILDING		E	07.09.2020	DISCHARGE LOCATION REVISED
		F	12.10.2020	LOWER GROUND FLOOR AND DRIVEWAY LEVELS REVISED
Lot 30, 56 BEANE STREET, GOSFORD		G	18.05.2021	OSD DISCHARGE LOCATION REVISED; ABSORPTION TRENCH ADDED FOR DRIVEWAY; PITS SP12 & SP13 ADDED
Lot 30, DP125097 DA No. 19/2020/36/1		н	28.06.2021	ROOF PLAN ADDED

			SP2 600SQ				
	CLEARANCE (SEE NOTE 2) OVERALL DEPTH				BAG DEPTH		
		CONFI	GURAT	ON			
	SIP WITI	H OCEAN	NGUAF	RD DET	AIL - SF	22	
	NTS						
GENER 1. T 2. C 8 3. C 1. T 1.	RAL NOTES THE MINIMUM CLEARA OCAL COUNCIL REQU CLEARANCE FOR ANY BE AS LOW AS 50mm. I GREATER OR EQUAL T OCEAN PROTECT PRO VATER QUALITY FILTE	ANCE DEPENDS ON T JIREMENTS. 7 PIT WITHOUT AN INL FOR OTHER PITS, TH TO THE PIPE OBVERT DVIDES TWO FILTRAT ERING AND A COARS	HE CONFIGURA ET PIPE (ONLY I E RECOMMENDI SO AS NOT TO ION BAG TYPES E BAG FOR TAR	TION (SEE NOTE 2 USED FOR SURFA ED CLEARANCE SI INHIBIT HYDRAUL :- 200 MICRON BAG GETING GROSS PG) AND THE CE FLOW) CAN HOULD BE IC CAPACITY. GS FOR HIGHER DLLUTANTS.		
NSW	Pl	lannir Idustr	ıg, у &				
GOVERNMENT Issued un Approve No: DA Signed:	der the Er ed Sectio 10132 N	nvironmen on 4.55 (1 10D 1 Sheet	nme tal Plani A) Moo Grante No: 1	nt ning and dificationed on 23 1 of	<i>Assessn</i> on Appli 3 Septer 13	<i>nent Act 1979</i> ication mber 2021	
GOVERNMENT Issued un Approve No: DA Signed:	der the Er der the Er d Sectio	nvironmen on 4.55 (1 10D 1 Sheet	nme tal Plani A) Moo Grante No: 1	nt ning and dification ed on 23 1 of	<i>Assessn</i> on Appli 3 Septer 13	<i>nent Act 1979</i> ication mber 2021	
GOVERNMENT Issued un Approve No: DA Signed:	E E E E E E E E E E E E E E E E E E E	nvironmen on 4.55 (1 AOD 1 Sheet	A) Moo Grante No: 1	nt ning and dification ed on 23 1 of	<i>Assessn</i> on Appli 3 Septer 13	<i>nent Act 1979</i> ication mber 2021	
GOVERNMENT Issued un Approve No: DA Signed: Signed:	ed Section 10132 N 10132 N AW	nvironmen on 4.55 (1 AOD 1 Sheet	A) Moo Grante No: 1	nt ning and dificatio ed on 23 1 of	Assessn on Appli 3 Septer 13	nent Act 1979 ication mber 2021	
GOVERNMENT Issued un Approve No: DA Signed: Signed:	AW STORMFILTE ITY VARIES BY NUMBER OF S SHOWN. ACTUAL CONFIC ITY VARIES BY NUMBER OF S SHOWN. ACTUAL CONFIC ITY VARIES BY NUMBER OF S SHOWN. ACTUAL CONFIC UAFILLED, PASSIVE, SIPH HEIGHT (mm) HT (mm)	nvironmen on 4.55 (1 AOD 1 Sheet	A) Moo Grante No: 1	nt ning and dificatio ed on 23 1 of	Assessn on Appli 3 Septer 13	nent Act 1979 ication mber 2021	
GOVERNMENT Issued un Approve No: DA Signed: Signed: Signed: Signed: Signed: Artridge NAME / SIPHON H CARTRIDGE PHYSICAL HEIGH I'PPICAL WEIR HEIGHT [H] (mm CARTRIDGE FLOW RATE FOR CARTRIDGE FLOW RATE FOR	AW STORMFILTE TY VARIES BY NUMBER OF SUBMITAL DRAWING(S). DIA-FILLED, PASSIVE, SIPH HEIGHT (mm) HIGHT (mm) M 2PG MEDIA (L/s) PSORB MEDIA (L/s)	nvironmen on 4.55 (1 AOD 1 AOD 1 Sheet RDESIGN TAB FILTER CARTRIDGES INS GURATION OF THE SPECIFI ION ACTUATED, RADIAL FL 690 840 920 1.6 0.9	A) Mod Grante No: 1	nt ning and dificatio ed on 23 1 of 1 of	Assessn on Appli 3 Septer 13	nent Act 1979 ication mber 2021	
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STANTON DAHL ARCHITECTS REF No.2421.19

DRAWING TITLE	APPROX TRUE NORTH	REVISION	DATE	DESCRIPTION
SEDIMENT CONTROL PLAN	N	D	03.09.2020	RE-ISSUED FOR CC1
PROPOSED RESIDENTIAL FLAT BUILDING		E	07.09.2020	DISCHARGE LOCATION REVISED
		F	12.10.2020	LOWER GROUND FLOOR AND DRIVEWAY LEVELS REVISED
Lot 30, 56 BEANE STREET, GOSFORD		G	18.05.2021	OSD DISCHARGE LOCATION REVISED; ABSORPTION TRENCH ADDED FOR DRIVEWAY; PITS SP12 & SP13 ADDED
Lot 30, DP125097 DA No. 19/2020/36/1		н	28.06.2021	ROOF PLAN ADDED

AS NOTED - A1

D.CHENG

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DE MESH AND L INLET FILTER G CONSTRUCTION. TO DETAIL	<u>+</u> 23.91LIP	24 BENCHMARK NAIL IN KERB RL 24.24 AHD	BEA	NE			<u>+</u> 24.	75LIP	25	STRE	ET

