

ABBREVIATIONS

EB - ELECTRICAL BOX
EM - ELECTRICAL METER
GM - GAS METER
H - HYDRANT
R - HYDRANT RECYCLED
KO - KERB OUTLET
LP - LIGHT POLE
LH - LAMP HOLE
MH - MAN HOLE
PP - POWER POLE
SH - SHRUB
SMH - SEWER MAN HOLE
SIO - SEWER INSPECTION OPENING
SV - STOP VALVE
SR - STOP VALVE RECYCLED
SVP - SEWER VENT PIPE
SWP - STORM WATER PIT
T - TREE
TP - TELECOMMUNICATIONS PIT
VER - VERANDAH
WT - WATER TAG
WM - WATER METER
WMR - WATER METER RECYCLED
WC, GC, EC, TC - SERVICE CONDUIT
W/C - WATER CLOSET

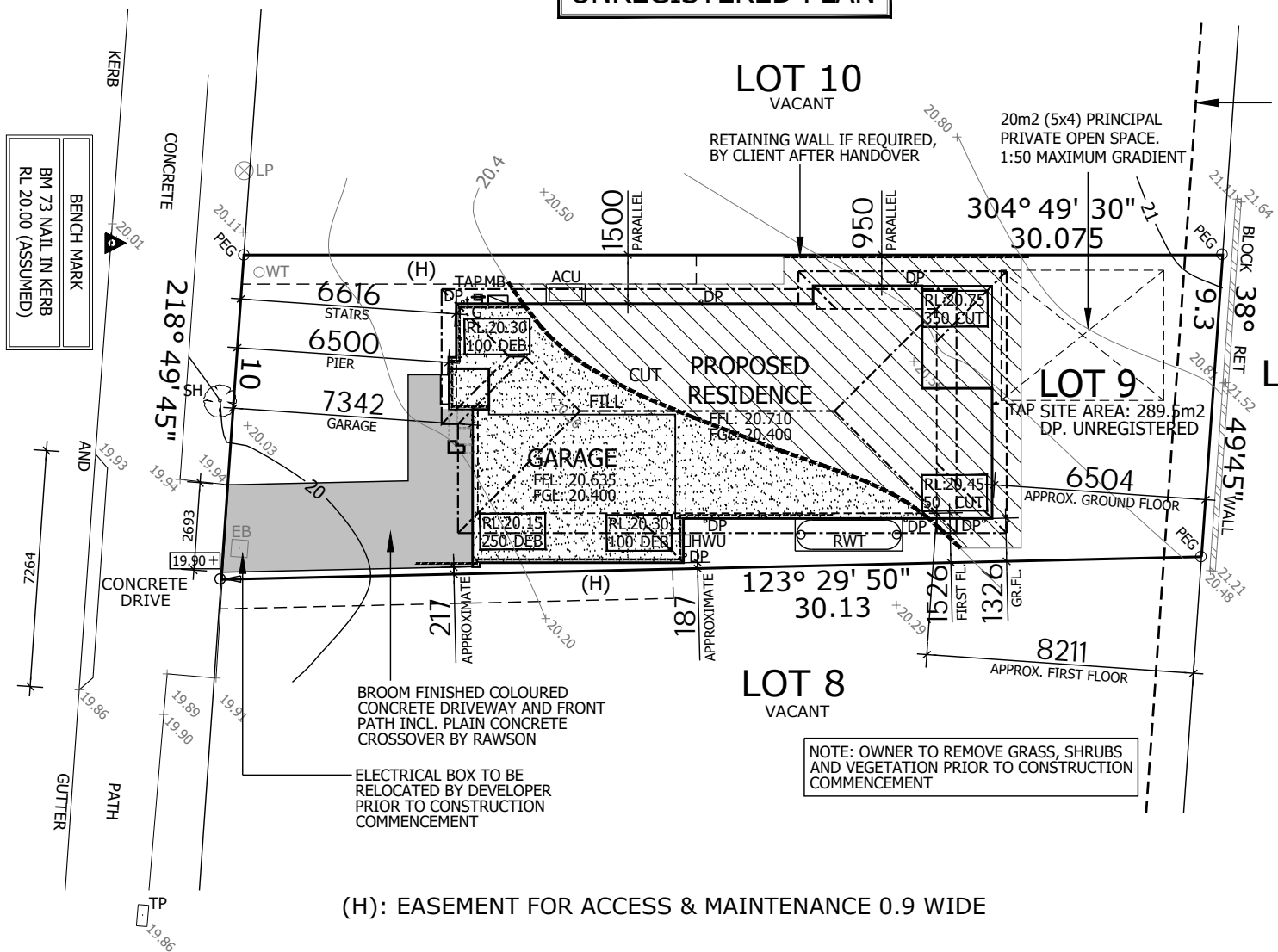


'N2' WIND CATEGORY

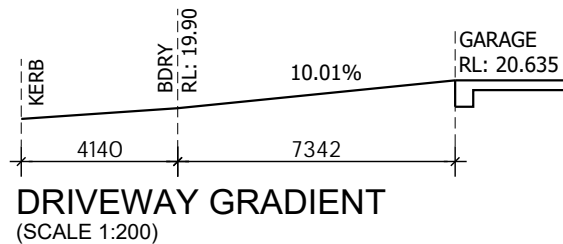
0.60M FALL ACROSS BUILDING ENVELOPE

DRIVEWAY & FRONT PATH TO COMPLY  
WITH AS2890

BUBALO STREET



(H): EASEMENT FOR ACCESS & MAINTENANCE 0.9 WIDE



LOT 31 SEC C  
DP 5464



THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT

DA2020/0199

SITE CALCULATIONS DA	
GROUND FLOOR	82.06 m <sup>2</sup>
FIRST FLOOR	92.35 m <sup>2</sup>
TOTAL LIVING AREA	174.41 m <sup>2</sup>
SITE AREA	289.50 m <sup>2</sup>
BUILDING FOOTPRINT	119.18 m <sup>2</sup>
DRIVEWAY & PATH	25.85 m <sup>2</sup>
TOTAL LANDSCAPE AREA	105.63 m <sup>2</sup>
LANDSCAPE AREA (%) 4 x 4m	36.49 %
FRONT LANDSCAPE (%)	63.10 %
FLOOR SPACE RATIO	0.60 :1
SITE COVERAGE	41.17 %

NOTES:

PLEASE NOTE: DETAILS SHOWN ON THESE PLANS ARE INTENDED  
TO BE ACCURATE - HOWEVER INFORMATION WRITTEN INTO  
INDIVIDUAL CONTRACTS WILL TAKE PRECEDENCE OVER PLANS

- \* ALL DIMENSIONS ARE IN MILLIMETRES
- \* DO NOT SCALE - USE WRITTEN DIMENSIONS
- \* ALL DIMENSIONS ARE TO STRUCTURAL FRAMES ONLY  
EXCLUDING FINISHED SURFACES

RAWSON HOMES

1 HOMEBUSH BAY DRIVE  
BUILDING F, LEVEL 2, SUITE 1  
RHODES NSW 2138  
TELEPHONE: 02 8765 5500  
FAX : 02 8765 8099  
BUILDER'S LICENCE No. 33493C



CLIENT:  
Mr A. JING-WEI & Miss G. SHU-FEN LIAN

SITE ADDRESS:  
LOT 9, (DP UNREGISTERED)  
BUBALO STREET  
WARRIEWOOD, NSW 2102

HOUSETYPE:  
MODEL: DAVENPORT 24  
FACADE: CLASSIC  
TYPE: GARAGE  
SPECIFICATION: LUX

DRAWING TITLE:  
SITE PLAN

DRAWN BY: DP	DATE DRAWN: 29.08.19	CHECKED BY: QC	APPROVED FOR CONSTRUCTION:
COUNCIL AREA: NORTHERN BEACHES		SCALE: 1:200	
JOB No: A009206	DRWG No.: 02	ISSUE: B	

SPECIAL NOTES:

2340 HIGH DOORS TO GROUND FLOOR  
HEIGHT OF SQ SET OPENINGS 2400  
HIGH OR AS SHOWN (EXC. BEDROOM  
ROBES AND DOOR UNDER STAIRS)

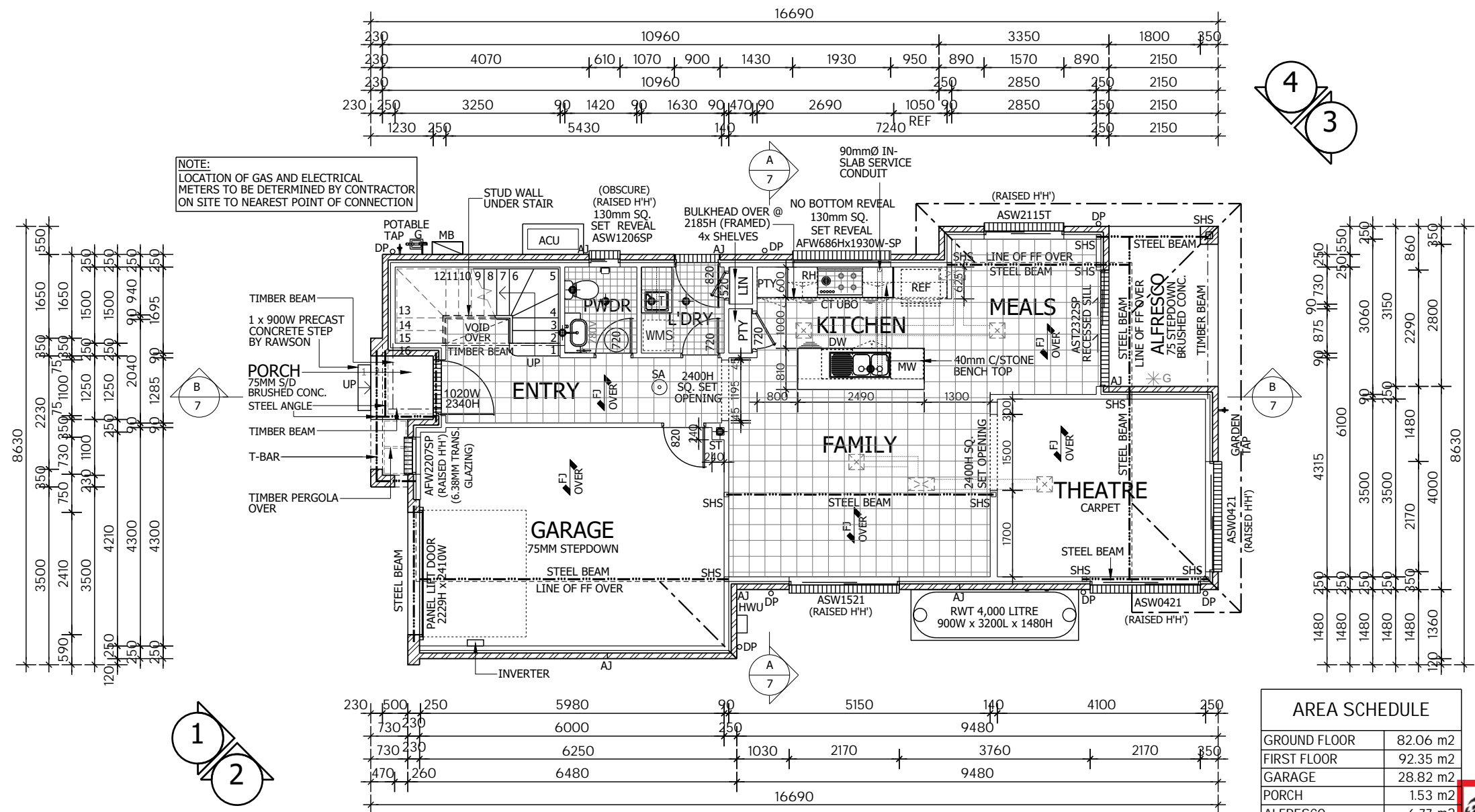
(720) LIFT OFF HINGE TO WC

[X] AC DUCTING ABOVE

NOTE:

ROOF SPACE TO BE  
VENTILATED BY EAVE VENTS

AC NOTE: POSITIONS OF OUTLETS, RETURN AIR  
AND NUMBER OF DROPPERS IS DETERMINED  
BY AIR CONDITIONING CONTRACTOR



AREA SCHEDULE

GROUND FLOOR	82.06 m2
FIRST FLOOR	92.35 m2
GARAGE	28.82 m2
PORCH	1.53 m2
ALFRESCO	6.77 m2
TOTAL	211.53 m2



THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT

DA2020/0199

NOTES:

PLEASE NOTE: DETAILS SHOWN ON THESE PLANS ARE INTENDED  
TO BE ACCURATE - HOWEVER INFORMATION WRITTEN INTO  
INDIVIDUAL CONTRACTS WILL TAKE PRECEDENCE OVER PLANS

- \* ALL DIMENSIONS ARE IN MILLIMETRES
- \* DO NOT SCALE - USE WRITTEN DIMENSIONS
- \* ALL DIMENSIONS ARE TO STRUCTURAL FRAMES ONLY  
EXCLUDING FINISHED SURFACES

RAWSON HOMES

1 HOMEBUSH BAY DRIVE  
BUILDING F, LEVEL 2, SUITE 1  
RHODES NSW 2138  
TELEPHONE: 02 8765 5500  
FAX : 02 8765 8099  
BUILDER'S LICENCE No. 33493C



CLIENT:  
Mr A. JING-WEI & Miss G. SHU-FEN LIAN

SITE ADDRESS:  
LOT 9, DP.UNREGISTERED  
BUBALO STREET  
WARRIEWOOD, NSW 2102

HOUSETYPE:  
MODEL: DAVENPORT 24  
FACADE: CLASSIC  
TYPE: GARAGE  
SPECIFICATION: LUX

DRAWING TITLE:  
GROUND FLOOR PLAN

DRAWN BY: DP  
DATE DRAWN: 29.08.19  
CHECKED BY: QC  
APPROVED FOR CONSTRUCTION:

COUNCIL AREA: NORTHERN BEACHES  
SCALE: 1:100

JOB No: A009206  
DRWG No.: 03  
ISSUE: B

SPECIAL NOTES:

2040 HIGH DOORS TO FIRST FLOOR  
HEIGHT OF SQ SET OPENINGS 2150  
HIGH OR AS SHOWN

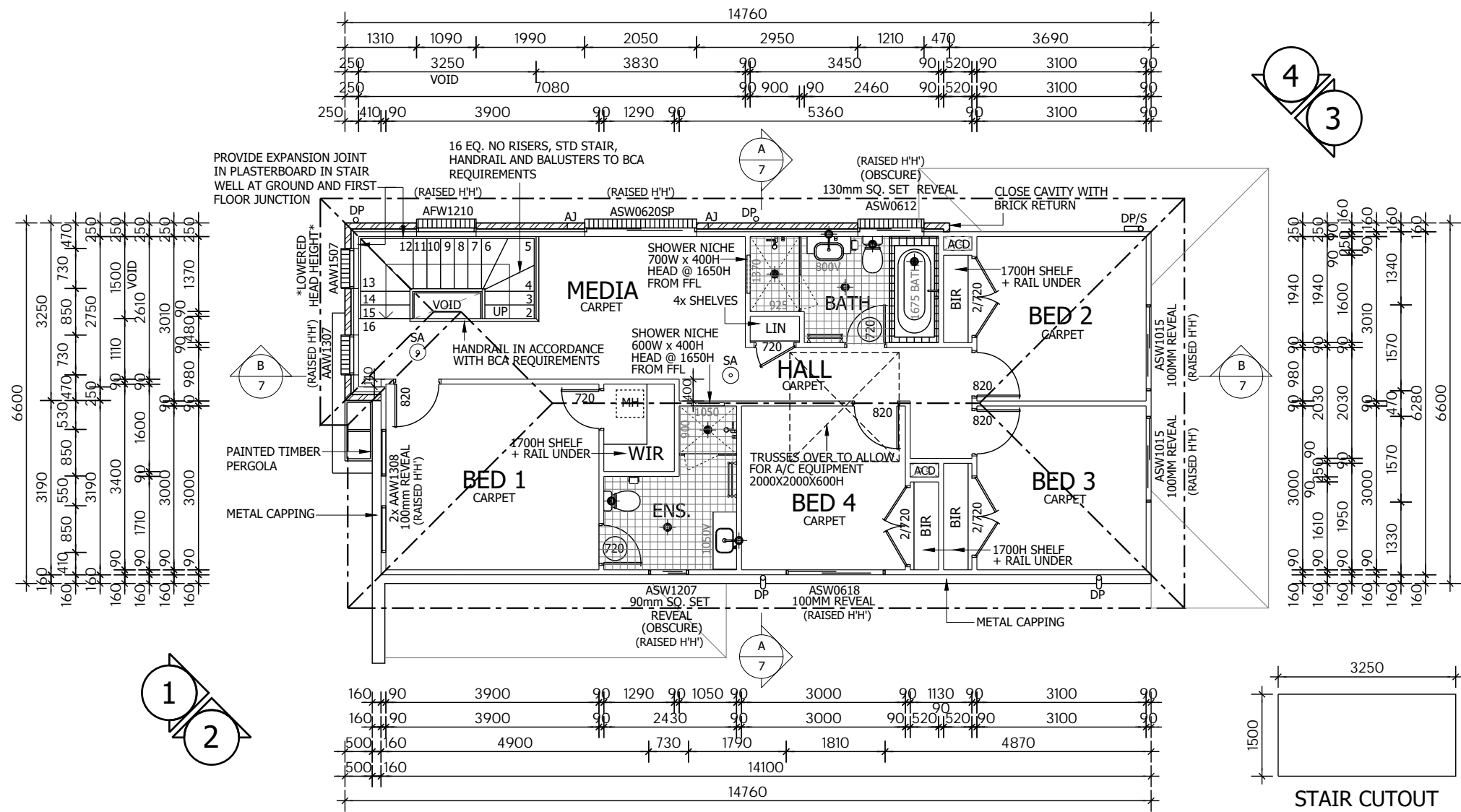
720 LIFT OFF HINGE TO WC

AC DUCTING ABOVE

NOTE:

ROOF SPACE TO BE  
VENTILATED BY EAVE VENTS

NOTE: RESTRICTORS TO BE FITTED TO  
ALL 1st FLOOR OPENABLE WINDOWS  
WITH A SILL HEIGHT LESS THAN 1.7m  
ABOVE FFL. IN ACCORDANCE WITH BCA  
CLAUSE 3.9.2.5



STAIR CUTOUT



THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT

DA2020/0199

NOTES:

PLEASE NOTE: DETAILS SHOWN ON THESE PLANS ARE INTENDED  
TO BE ACCURATE - HOWEVER INFORMATION WRITTEN INTO  
INDIVIDUAL CONTRACTS WILL TAKE PRECEDENCE OVER PLANS

- \* ALL DIMENSIONS ARE IN MILLIMETRES
- \* DO NOT SCALE - USE WRITTEN DIMENSIONS
- \* ALL DIMENSIONS ARE TO STRUCTURAL FRAMES ONLY  
EXCLUDING FINISHED SURFACES

RAWSON HOMES

1 HOMEBUSH BAY DRIVE  
BUILDING F, LEVEL 2, SUITE 1  
RHODES NSW 2138  
TELEPHONE: 02 8765 5500  
FAX : 02 8765 8099  
BUILDER'S LICENCE No. 33493C



CLIENT:  
Mr A. JING-WEI & Miss G. SHU-FEN LIAN

SITE ADDRESS:  
LOT 9, DP.UNREGISTERED  
BUBALO STREET  
WARRIEWOOD, NSW 2102

HOUSETYPE:  
MODEL: DAVENPORT 24  
FACADE: CLASSIC  
TYPE: GARAGE  
SPECIFICATION: LUX

DRAWING TITLE:  
FIRST FLOOR PLAN

DRAWN BY: DP	DATE DRAWN: 29.08.19	CHECKED BY: QC	APPROVED FOR CONSTRUCTION:
COUNCIL AREA: NORTHERN BEACHES		SCALE: 1:100	
JOB No: A009206	DRWG No.: 04	ISSUE: B	

[illegible]

Architectural elevation drawing of a house with detailed annotations and dimensions. The drawing includes the following elements:

- Roof:** Concrete roof tile @ 22.5° pitch with sarking under. Annotations include "APPROXIMATE LOCATION OF 18 SOLAR PANELS", "610 EAVES", and "450 EAVES".
- Exterior Walls:**
  - Left side: Hardies painted primeline Newport weatherboard, metal capping, concrete roof tile @ 16° pitch with sarking under, and line of painted timber pergola.
  - Right side: Colorbond fascia and gutter with painted PVC downpipes, metal capping, and concrete roof tile @ 22.5° pitch with sarking under.
- Windows and Doors:**
  - Left side: A door labeled "F." with dimensions 2314 (height) and 2314 (width).
  - Center: A window labeled "F." with dimensions 2314 (height) and 2314 (width).
  - Right side: A window labeled "F." with dimensions 2314 (height) and 2314 (width).
- Dimensions and Measurements:**
  - Overall height: 3600.
  - Height from ground to top of wall: 3255.
  - Height from ground to top of roof: 2400.
  - Height from ground to top of roof (right side): 2314.
  - Height from ground to top of roof (left side): 2314.
  - Height from ground to top of roof (right side, lower section): 2314.
- Other Features:**
  - Left side: 1 x 900W precast concrete step by Rawson, integrated drop edge beam to form driveway by Rawson, and selected facebrick.
  - Center: Metal capping, selected facebrick, and a door labeled "F." with dimensions 2314 (height) and 2314 (width).
  - Right side: Metal capping, selected facebrick, and a door labeled "F." with dimensions 2314 (height) and 2314 (width).
  - Bottom right: RWT 4,000 litre 900W x 3200L x 1480H, N.G.L., and a tap.



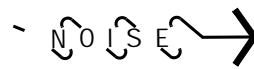
northern  
beaches  
council

DA2020/0199

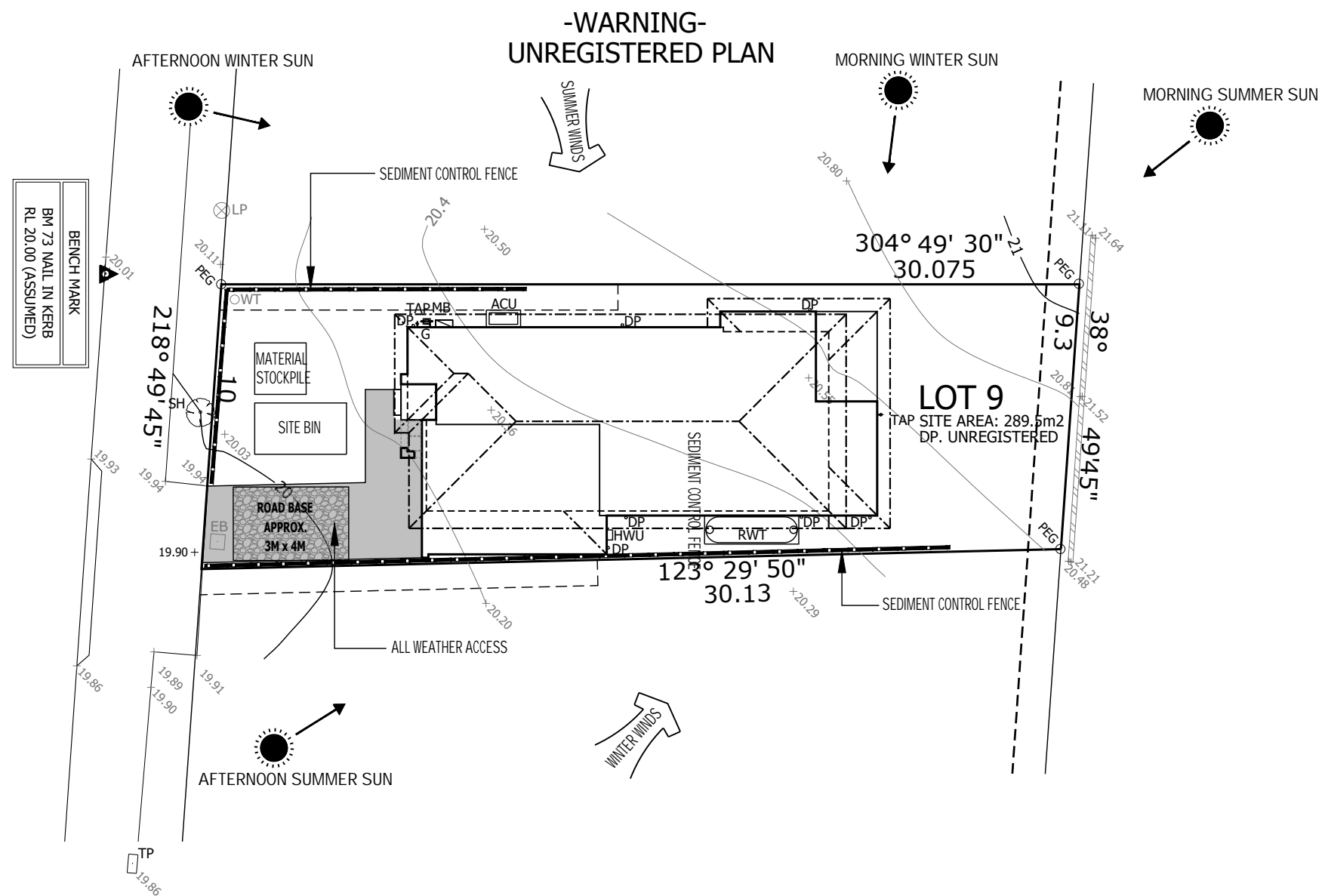
DRAWN BY: DP	DATE DRAWN: 29.08.19	CHECKED BY: QC	APPROVED FOR CONSTRUCTION:
COUNCIL AREA: NORTHERN BEACHES		SCALE: 1:100	
JOB No: A009206		DRWG No.: 05	ISSUE: B







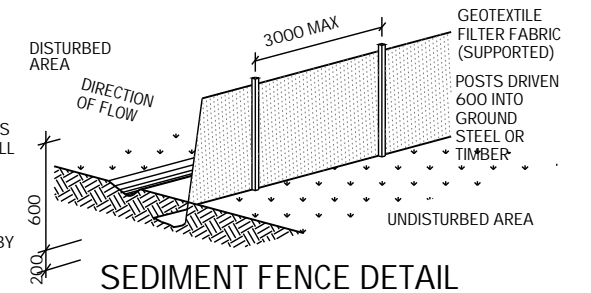
BUBALO STREET



**DA2020/0199**

INSTALL SEDIMENT CONTROL STRUCTURES IN LOCATIONS INDICATED ON THIS DRAWING AND AS OTHERWISE REQUIRED TO CONTROL SEDIMENT DURING ALL EXCAVATIONS AND WHILST AREAS OF THE SITE ARE EXPOSED TO EROSION. REVIEW CONTROL MEASURES AND MAINTAIN STRUCTURES DURING CONSTRUCTION.

IF ADDITIONAL MEASURES ARE REQUIRED FOR EROSION AND CONTROL OR BY COUNCIL REQUIREMENTS, REFER TO "URBAN EROSION AND SEDIMENT CONTROL" GUIDELINES PREPARED BY THE DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT.



SUITABLE FOR DRAINAGE AREA OF 0.6HA MAX AND  
SLOPE GRADIENT OF 1:2 MAX WITH LENGTH OF 60M MAX



PLEASE NOTE: DETAILS SHOWN ON THESE PLANS ARE INTENDED TO BE ACCURATE - HOWEVER INFORMATION WRITTEN INTO INDIVIDUAL CONTRACTS WILL TAKE PRECEDENCE OVER PLANS

- \* ALL DIMENSIONS ARE IN MILLIMETRES  
\* DO NOT SCALE - USE WRITTEN DIMENSIONS  
\* ALL DIMENSIONS ARE TO STRUCTURAL FRAMES ONLY  
EXCLUDING FINISHED SURFACES

1 HOMEBUSH BAY DRIVE  
BUILDING F, LEVEL 2, SUITE 1  
RHODES NSW 2138  
TELEPHONE: 02 8765 5500  
FAX : 02 8765 8099  
BUILDER'S LICENCE No. 33493C



CLIENT:  
Mr A. JING-WEI & Miss G. SHU-FEN LIAN

SITE ADDRESS:  
LOT 9, DP.UNREGISTERED  
BUBALO STREET  
WARRIEWOOD, NSW 2102

HOUSETYPE:	
MODEL:	DAVENPORT 24
FACADE:	CLASSIC
TYPE:	GARAGE
SPECIFICATION:	LUX




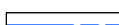

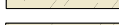



DRAWING TITLE:  
**SEDIMENT & ANALYSIS**

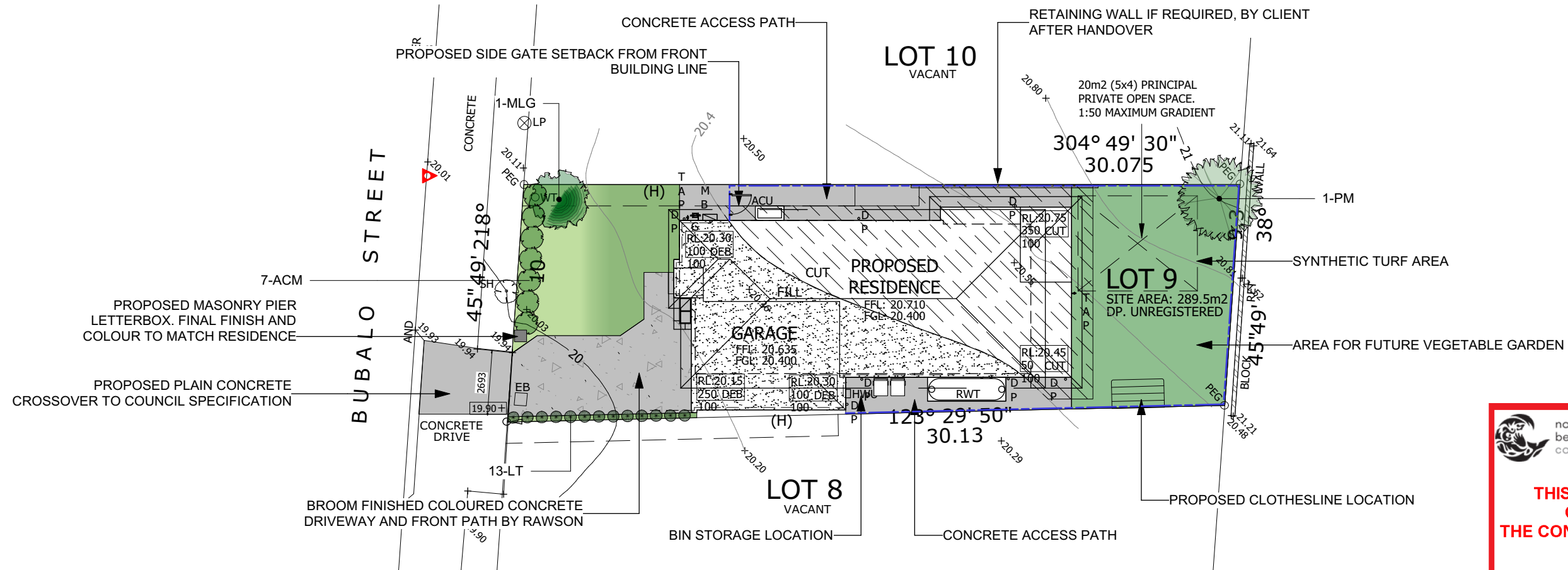
DRAWN BY:	DATE DRAWN:	CHECKED BY:	APPROVED FOR CONSTRUCTION:
DP	29.08.19	QC	

COUNCIL AREA:	SCALE:
NORTHERN BEACHES	1:200

JOB No:	DRWG No.:	ISSUE:
A009206	10	B

# LEGEND

	COLOUR CONCRETE
	PLAIN CONCRETE
	LAWN
	FENCING
	DECORATIVE GRAVEL/PEBBLE
	STEPPING STONES IN GRAVEL/PEBBLE
	RETAINING WALL
	EXISTING TREE - RETAIN
	EXISTING TREE - REMOVE

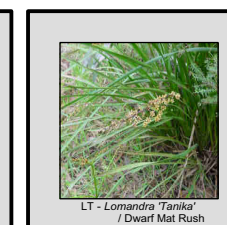
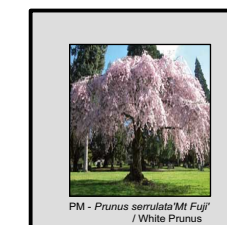


**THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT**

DA2020/0199

## PLANT IMAGES

ID	Latin Name	Common Name	Quantity	Scheduled Size	Spread	Height
ACM	Acmena smithii 'Minor'	Lillypilly	7	15lt	1000	2000
LT	Lomandra 'Tanika'	Dwarf Lomandra	13	5lt	500	500
MLG	Magnolia 'Little Gem'	Magnolia	1	45lt	2500	3000
PM	Prunus serrulata 'Mt Fuji'	White Prunus	1	75lt	3500	5000



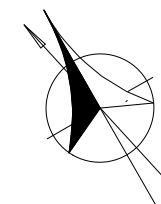
General Notes:

1. See Architects drawings for site levels, setbacks and extent of cut and fill.
2. This plan shall be read in conjunction with the Hydraulic Engineers drawings.
3. Landscape plan has been drawn to meet the minimum council and developer requirements. Additional landscape works further to minimum requirements have also been proposed on this plan. Any completion of works beyond the minimum requirements will remain at the discretion of the owner.
4. Levels and dimensions are indicative only and are subject to site conditions.
5. Requirements for retaining walls including height, position and extent, shall be determined and approved by others.



**BLUEGUM DESIGN**  
Landscape Plans for DA

**BLUEGUM DESIGN SERVICES**  
T: 0435 127 244  
E: [info@bluegumdesign.com.au](mailto:info@bluegumdesign.com.au)  
W: [bluegumdesign.com.au](http://bluegumdesign.com.au)



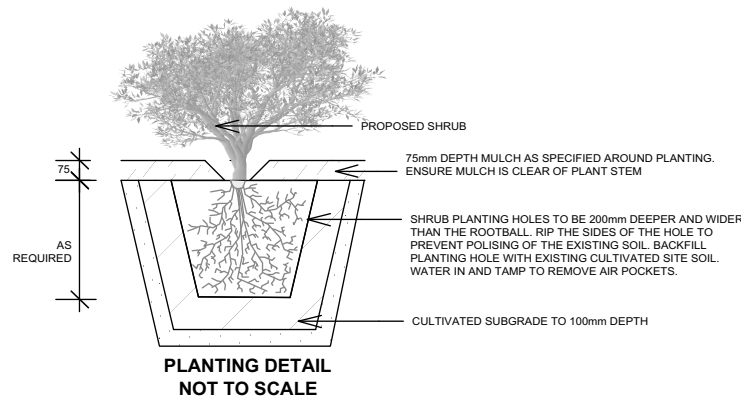
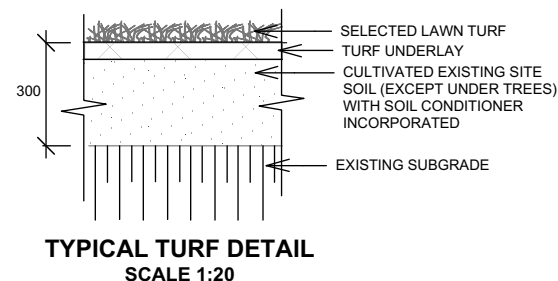
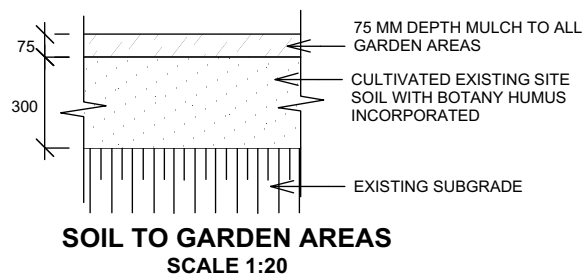
DATE	REVISION		
DRAWING	<b>LANDSCAPE PLAN</b>		
ADDRESS	<b>LOT 9, BUBALO STREET, WARRIEWOOD</b>	DATE	<b>30/09/19</b>
CLIENT	<b>MR A JING-WEI &amp; MISS G.SHU-FEN LIAN</b>	DRAWN	<b>SL</b>
LODGE/MENT/COUNCIL	<b>NORTHERN BEACHES COUNCIL</b>	SCALE @ A3	<b>1:200</b>
		PROJECT #	<b>RAWSON HOMES</b>
		DWG #	<b>L/01</b>
		REVISION	<b>A</b>



THIS PLAN IS TO BE READ IN  
CONJUNCTION WITH  
THE CONDITIONS OF DEVELOPMENT  
CONSENT

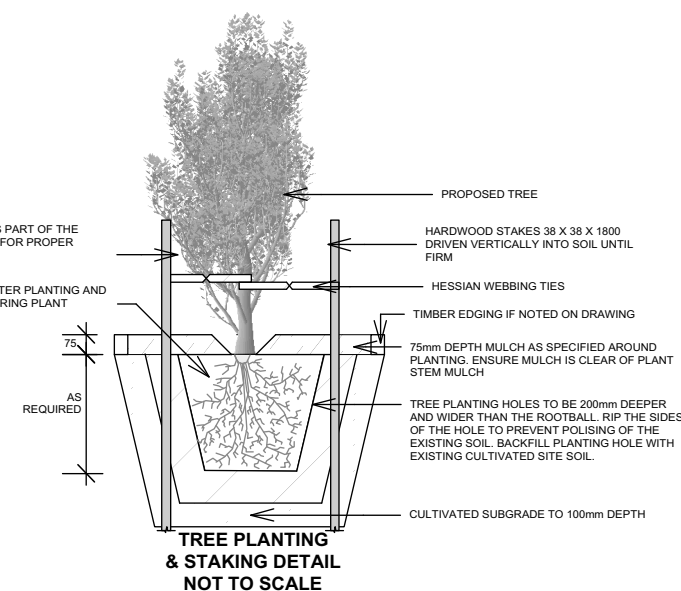
DA2020/0199

## LANDSCAPE DETAILS



REMOVE STAKES AFTER 26 WEEKS AS PART OF THE MAINTENANCE CONTRACT TO ALLOW FOR PROPER DEVELOPMENT OF STEM TAPOR

WATER WITH APPROXIMATELY 30L AFTER PLANTING AND WATER REGULARLY AS REQUIRED DURING PLANT ESTABLISHMENT PERIOD



## OUTLINE LANDSCAPE SPECIFICATION

**Tree Protection:** Trees to be retained shall be protected during site works and construction by the erection of solid barricades to the specification of Council. Storage of machinery or materials beneath canopy of trees to be retained shall not be permitted. Changes to soil level and cultivation of soil beneath canopy of trees to be retained shall not be permitted unless under direct supervision of Landscape Architect. Existing trees shall be pruned to Landscape Architects onsite instructions.

**Soil Preparation:** Cultivate to depth of 300mm all proposed lawn & garden areas incorporating minimum 100mm depth of organic clay breaker into existing site soil. Do not cultivate beneath existing trees to be retained. In areas where fill is required gain required shapes & levels using a premium grade soil mix. In areas where excavation is required (if in clay) over excavate as required to allow for installation of 500mm depth of premium grade topsoil mix to garden areas and 300mm depth of premium grade topsoil mix to lawn areas. Undertake all required action to ensure that no rootballs of proposed plants sit in clay wells and that all garden areas and lawn areas drain satisfactorily. Note it is intended that wherever possible existing levels shall not be altered through garden and lawn areas. It is the Contractors responsibility to ensure that the end result of the project is that all lawn and garden areas drain sufficiently (both surface & subsurface), are at required finished levels and have sufficient soil depths to enable lawn and plants to thrive and grow. Should alternative works to those specified be required to achieve the above result, Contractor shall inform Builder at time of Tender and request instructions.

**Lawn Edging and Stepping Stones:**(i) 125 x 25mm approved tanalith impregnated pine edging shall be installed, to lines as indicated on plan and staked with approved stakes at maximum 1500mm centres at ends and changes of direction; stakes shall be nailed to edging with approved galvanised steel nails. Top of edging shall finish flush with surrounding surfaces. Top of stakes shall finish 25mm below top of edging.(ii)Contractor shall install approved bricks on edge on a minimum 100mm deep x 90mm wide concrete footing with brick tor set in, to lines nominated on plan as brick edging. Bricks shall be laid with a nominal 10mm wide approved coloured mortar joint. Bricks needing to be cut shall be done so with clean sharp cuts. Top of edging shall finish flush with surrounding finished surfaces. Approved sandstone stepping stones shall be positioned as indicated on plan on a 25mm river sand bed. Approved sandstone stepping stones shall be positioned as indicated on plan on a 25mm river sand bed.

**Planting:** Purchase plants from an approved nursery. Plants to be healthy & true to type & species. Set out plants to positions indicated on plan. Following approval, plant holes shall be dug approximately twice width and to 100mm deeper than plant rootballs that they are to receive. Base and sides of hole shall be further loosened. Fertiliser, followed by 100mm depth of topsoil mix shall then be placed into base of hole and lightly consolidated. Base of hole shall then be watered. Remove plant container and install plant into hole. Rootball shall be backfilled with surrounding topsoil and topsoil firmed into place. An approved shallow dish shall be formed to contain water around base of stem. Base of stem of plant shall finish flush with finished soil level. Once installed plant shall be thoroughly watered and maintained for the duration of the Contract.

**Staking:** All trees shall be staked using 2 x 38mm x 38mm x 2000mm long hardwood stakes per plant and with hessian webbing ties installed to Landscape Architect's on site instructions.

**Mulching:** Install 75mm depth of 25mm diameter hardwood mulch to all garden areas, coving mulch down around all plant stems & to finish flush with adjacent surfaces.

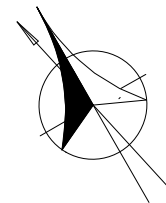
**Turfing:** Prepare for, level & lay cultivated Palmetto Buffalo turves to all areas nominated on plan as being lawn. Roll, water, fertilise, mow & maintain lawns as necessary until completion of maintenance period. At same time make good all existing lawn areas using same lawn type. Lawns in shade shall be over sown with an approved seed mix. Allow to retrim and returf councils nature strip as required.

General Notes:  
1. See Architects drawings for site levels, setbacks and extent of cut and fill.  
2. This plan shall be read in conjunction with the Hydraulic Engineers drawings.  
3. Landscape plan has been drawn to meet the minimum council and developer requirements. Additional landscape works further to minimum requirements have also been proposed on this plan. Any completion of works beyond the minimum requirements will remain at the discretion of the owner.  
4. Levels and dimensions are indicative only and are subject to site conditions.  
5. Requirements for retaining walls including height, position and extent, shall be determined and approved by others.



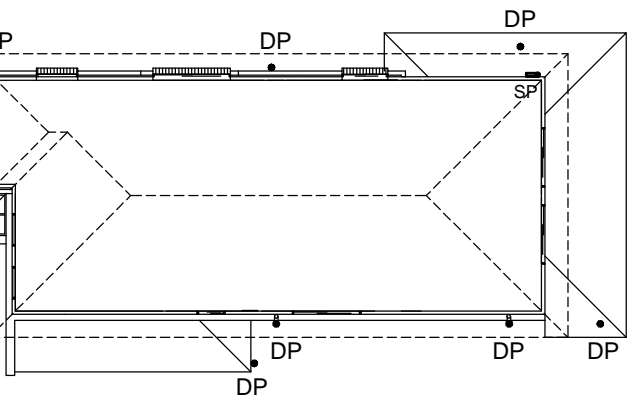
**BLUEGUM DESIGN**  
Landscape Plans for DA

**BLUEGUM DESIGN SERVICES**  
T: 0435 127 244  
E: info@bluegumdesign.com.au  
W: bluegumdesign.com.au



DATE	REVISION		
DRAWING	<b>LANDSCAPE DETAILS</b>		
ADDRESS	<b>LOT 9, BUBALO STREET, WARRIWOOD</b>	DATE	<b>30/09/19</b>
CLIENT	<b>MR A JING-WEI &amp; MISS G.SHU-FEN LIAN</b>	DRAWN	<b>SL</b>
LODGE/MENT/COUNCIL	<b>NORTHERN BEACHES COUNCIL</b>	SCALE @ A3	<b>NTS</b>
		PROJECT #	<b>RAWSON HOMES</b>
		DWG #	<b>L/02</b>
		REVISION	

BUBALO STREET



The diagram illustrates two methods for constructing a manhole structure. The left side, labeled 'IN TRAFFICABLE AREAS', shows a manhole with brickwork/blockwork walls and a precast concrete base. The right side, labeled 'IN NON-TRAFFICABLE AREAS', shows a manhole with fibre-glass or hard-plastic walls and a precast concrete base. Both structures have a base to be 100 min. thick and walls to be 100 min. thick. The manhole is shown with an inlet pipe and an outlet pipe, with a mass concrete benching to the outlet. The manhole is also shown with a Y12-400 each way reinforcement. The manhole is shown with a base to be 100 min. thick. The manhole is shown with a base to be 100 min. thick.

**IN TRAFFICABLE AREAS**  
 BRICKWORK/BLOCKWORK WALLS OR  
 PRECAST CONCRETE PITS MAY BE USED  
 SUBJECT TO APPROVAL

**IN NON-TRAFFICABLE AREAS**  
 FIBRE-GLASS OR  
 HARD-PLASTIC PITS MAY BE USED  
 SUBJECT TO APPROVAL

F.G.L.

WALLS TO BE  
 100 MIN. THICK

MASS CONC.  
 BENCHING  
 TO OUTLET

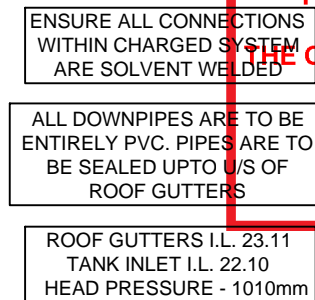
INLET PIPE

Y12-400  
 EACH WAY

OUTLET PIPE

BASE TO BE  
 100 MIN. THICK

PIPE SCHEDULE				
TAG	SIZE	MATERIAL	GRADE	DESCRIPTION
'A'	100 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'B'	150 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'X'	100 Ø	P.V.C	CHARGED	TO FEED RAINWATER TANK



**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT**

**CONSENT**

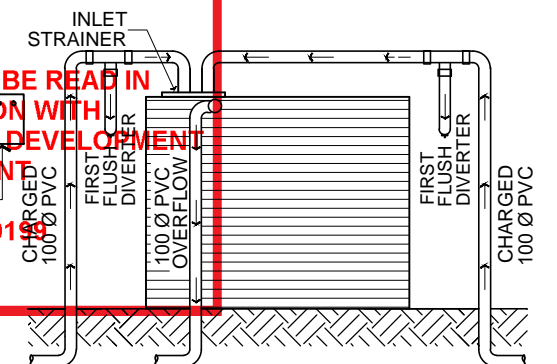
SERVICE CABINET

DA2000/0199

0.00 PVC OVERFLOW












0.00 PVC OVERFLOW

FIRST FLUSH DIVER



THE NON-POTABLE PURPOSES ARE PRESCRIBED IN THE NSW CODE OF PRACTICE FOR PLUMBING & DRAINAGE TO INCLUDE TOILET FLUSHING, GARDEN IRRIGATION, CAR WASHING & COLD WATER LAUNDRY CONNECTIONS.

- 1) PITS DEEPER THAN 600mm TO BE 600 X 900 W, ELSE 375 SQ U.N.O.
- 2) ALL PIPES TO HAVE 1% MIN. GRADE U.N.O.
- 3) ALL DOWNPIPES TO BE 100 X 50 BOX or 90 Ø.
- 4) PIPES TO BE U.P.V.C. OR STORMWATER PIPE TO A.S.1254.
- 5) PITS TO BE STANDARD PRECAST CONCRETE PITS OR BRICK RENDERED WITH CONCRETE HEAVY DUTY GRATES SIZED AS PITS PER PLAN.
- 6) NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED BELOW THE MAXIMUM WATER SURFACE LEVEL IN DETENTION BASINS.
- 7) PERSONS UTILISING THIS PLAN FOR ANY PURPOSES SHALL VERIFY THE DATUM & RESPECTIVE LEVELS PRIOR TO

P1	PIT LABEL	G.F.L.	GARAGE FLOOR LEVEL
	SUMP PIT	• 0.00	EXISTING REDUCED LEVEL
	300x300 FLOOR GULLY	• R.L 157.00	PROPOSED REDUCED LEVEL
	100/150 Ø GARDEN GULLY	 DP	DOWNPIPE
	DRAINAGE PIPE	 SP	SPITTER/SPREADER
	AERIAL PIPE	 CE	CLEANING EYE
S.L.	SURFACE LEVEL		SEDIMENT FENCE
I.L.	INVERT LEVEL		AG LINE
F.F.L.	FINISHED FLOOR LEVEL		OVERLAND FLOW

P: 02 9802 5509 E: [admin@alwdesign.com.au](mailto:admin@alwdesign.com.au)  
M: 0413 763 432 69 DELANGE ROAD, PUTNEY NSW 2112

PROJECT:	PROPOSED RESIDENTIAL DWELLING AT LOT #, # 19 BUBALO STREET, WARRIEWOOD NSW		
DRAWING:	SITE STORMWATER MANAGEMENT LAYOUT		
DESIGNED A.W	DRAWN O.W	CHECKED: DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIGNING ENGINEER	ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG
ISS	ISSUED FOR DA APPROVAL		20/01/20
A	REVISION DESCRIPTION		APPR DATE