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Project:

PROPOSED RESIDENTIAL APARTMENTS

11-13 Aird Street
PARRAMATTA

Title:
LANDSCAPE PLAN (Sheet 1)

Client:
Dayaf Investments P/L

Design by: **JB** Checked by: **JB**

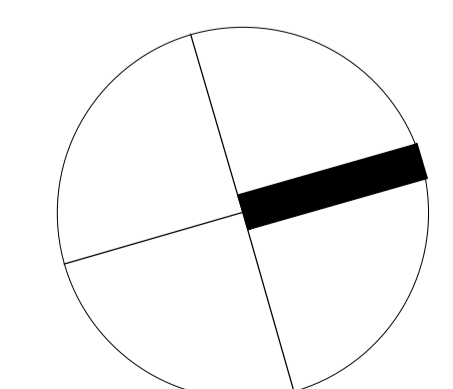
Amendments
14/03/2019 - DA Issue (for review)
24/04/2019 - DA Issue

Date:
24th April, 2019


Drawing number:
2019.0305DA1-1

Scale: **1 : 100@A1** Issue: **B**
1 : 200@A3

North:



LEGEND

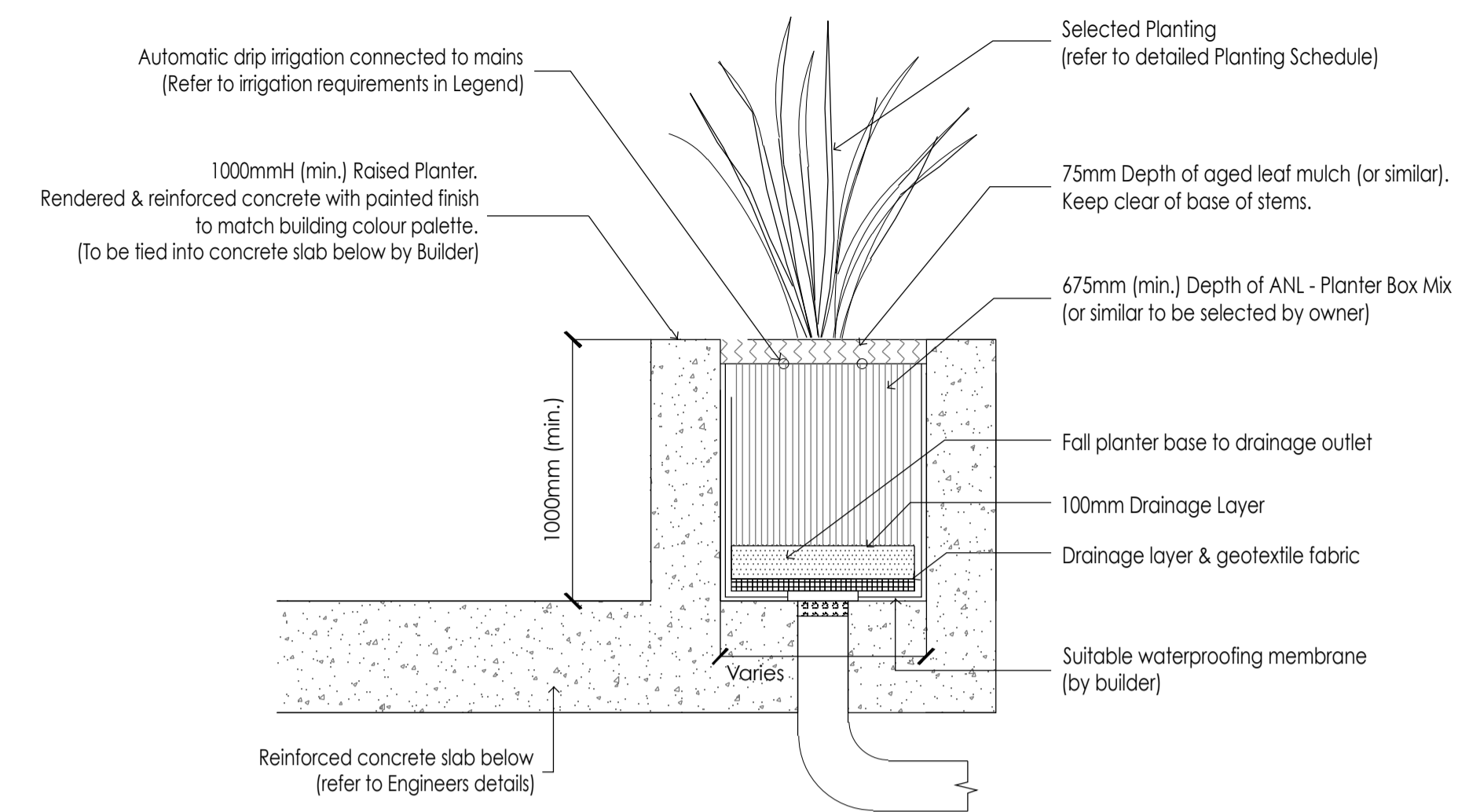
-  Internal Building Layout (refer to Architectural details)
-  Tiled Communal Open Space Areas (refer to Architectural details)
-  Proposed feature planter boxes to Ground Floor level of development (Supplier: Quatro Design ph. 02 6672 1190 Type: 1500mm Trough Planter - 500 Series)
-  Proposed feature planter boxes to Level 7 Communal Space area (Supplier: Quatro Design ph. 02 6672 1190 Type: 1000 Cube Civic Planter)
-  Proposed Landscaped Areas (refer to Detail 1)
Construct on-structure planting areas with a minimum planter depth of 1000mm. Supply & Install 675mm (min.) of ANL Planter Box mix to all areas indicated on the landscape plan (or equivalent). Install 75mm depth of selected mulch.

Note:
Maintenance:
All landscape works are to be maintained for a period of twelve (12) months from the date of practical completion. This includes all watering, weeding, spraying and re-mulching necessary to achieve vigorous growth. Any defects which arise during this period are to be rectified immediately. Any plants or areas of turf which fail during this period are to be replaced at no additional cost.

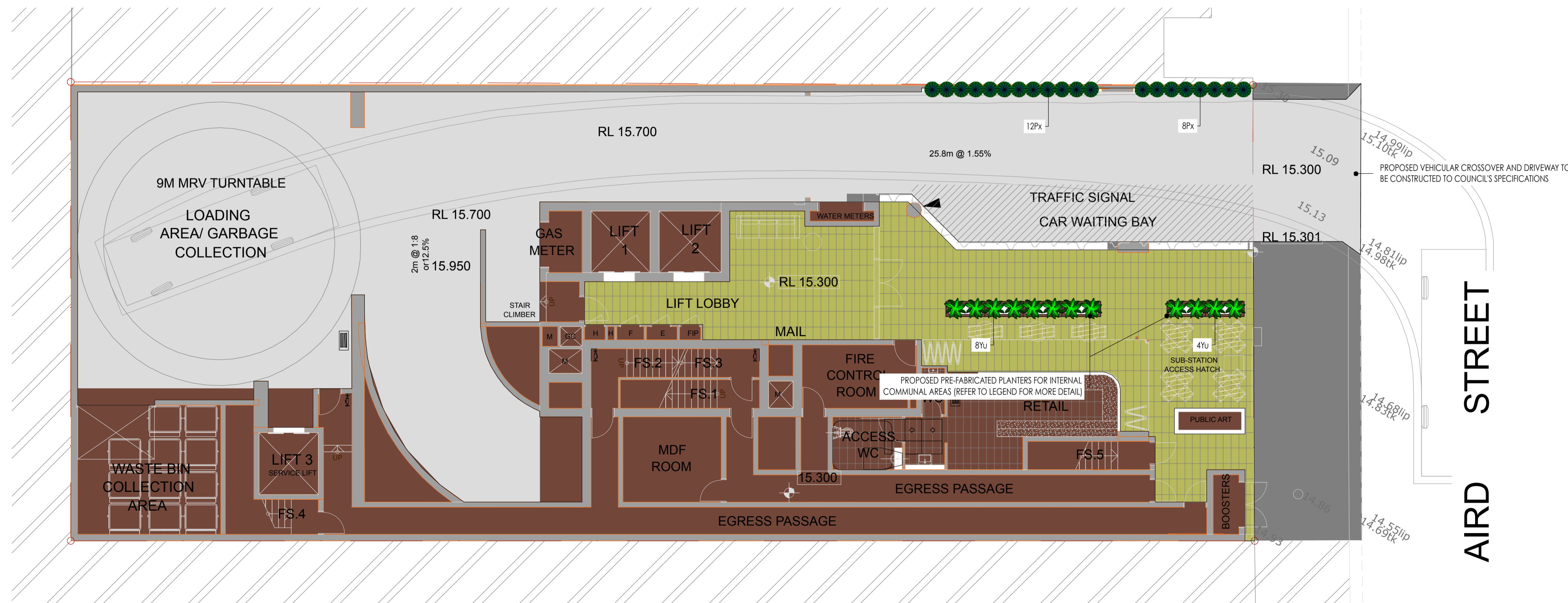
Irrigation:
All garden areas on the landscape plan are to be covered by a fully automatic drip irrigation system. The controller is to be equal to a Richard 446 PR and is to be housed in a control box adjacent to the electricity meter. All pipework is to be PVC to satisfy AS 1477. All installation is to satisfy the Sydney Water Code and AS 3500. The system is to be installed by a suitable licensed contractor. All equipment and workmanship is to be guaranteed for a minimum period of 12 months.

PLANT SCHEDULE

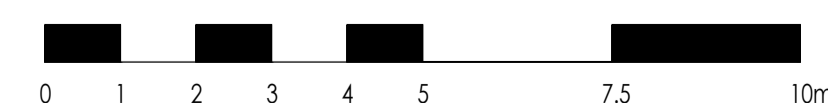
Code	Latin Name (Common Name - Mature Height)	Qty	Size	Stake
Trees				
F	Ficus benjamina 'Exotica' - (Exotica Weeping Fig - 15m)	2	200 litre	yes
H	Howea forsteriana (Kentia Palm - 7m)	3	200 litre	yes
M	Magnolia grandiflora 'Little Gem' (Dwarf White Myrtle - 3m)	7	200 litre	yes
N	Streitzia nicolai (Giant Bird of Paradise - 4m)	2	200 litre	yes
Shrubs				
Ac1	Acacia cognata 'Limeknight' (Wattle - 0.5m)	18	200mm	-
An	Asplenium nidus (Birds Nest Fern - 1m)	9	300mm	-
As	Asplenium australasicum (Birds Nest Fern - 1m)	22	300mm	-
Ad	Austromyrtus inophloia 'Blushing Beauty' (Midgen Berry - 1.5m)	21	200mm	-
Bam	Bambusa multiplex 'Stripstem Fernleaf' (Clumping Bamboo - 4m)	56	300mm	-
De	Dorothy's excelsa (Gymea Lily - 1m)	9	300mm	-
Da	Dicksonia antarctica (Soft Tree Fern - 2m)	8	400mm	-
Px	Philodendron 'Xanadu' (Dwarf Philodendron - 0.5m)	110	200mm	-
Pmm	Phormium tenax 'Maori Maiden' (NZ Flax - 0.9m)	19	300mm	-
Re	Raphis excelsa (Parlour Palm - 1.5m)	39	300mm	-
Wf	Westringia fruticosa 'Zena' (Zena Coastal Rosemary - 1.0m)	17	200mm	-
Yu	Yucca elephantipes (Yucca - Min Trunk - 0.9m)	12	300mm	-
Groundcovers				
All	Alternanthera dentata (Ruby Leaf Alternanthera - 0.3m)	85	150mm pot	
Bc	Blechnum cartilagineum (Cristle Fern - 0.6m)	37	150mm pot	
Crf	Cordyline 'Red Fountain' (Groundcover Cordyline - 1m)	45	150mm pot	
Dic	Dichondra argentea 'Silver Falls' (Kidney Weed - 0.2m)	187	150mm pot	
Fg	Festuca glauca (Blue Fescue Grass - 0.3m)	55	150mm pot	
Lg	Liriope muscari 'Evergreen Giant' (Giant Liriope - 0.6m)	23	150mm pot	



1 Typical Raised Planter Detail Section
NTS @ A1 (Not to Scale)



**Ground Floor Level
LANDSCAPE PLAN 1 : 100**



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Project:
PROPOSED RESIDENTIAL APARTMENTS
11-13 Aird Street
PARRAMATTA

Title:
LANDSCAPE PLAN (Sheet 2)

Client:
Dayaf Investments P/L

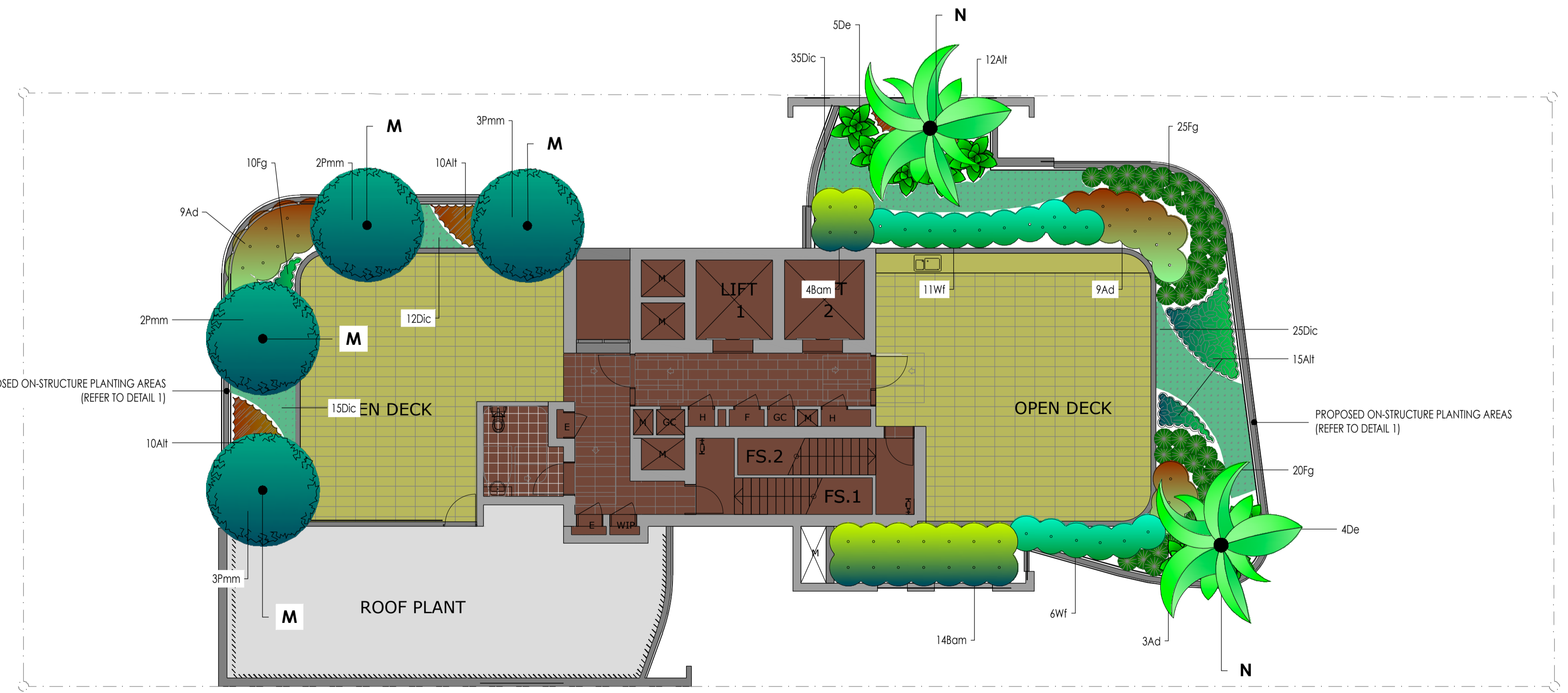
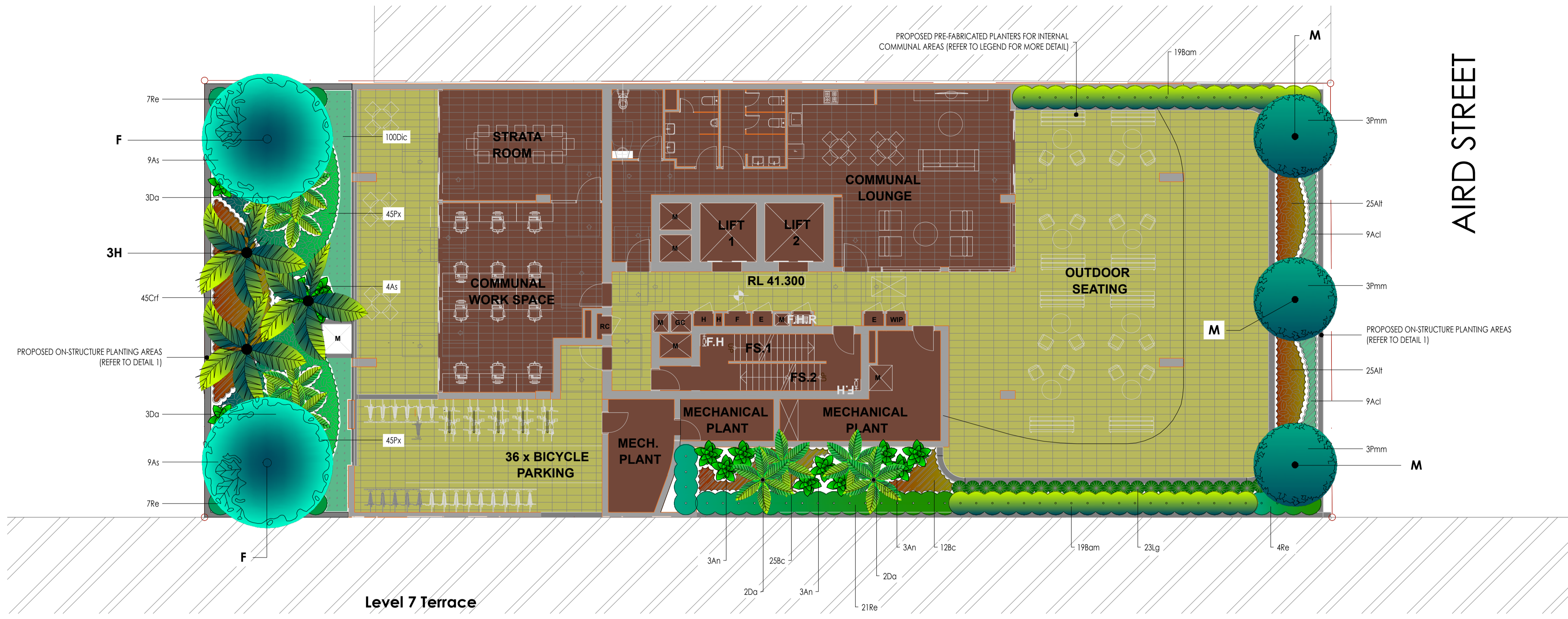
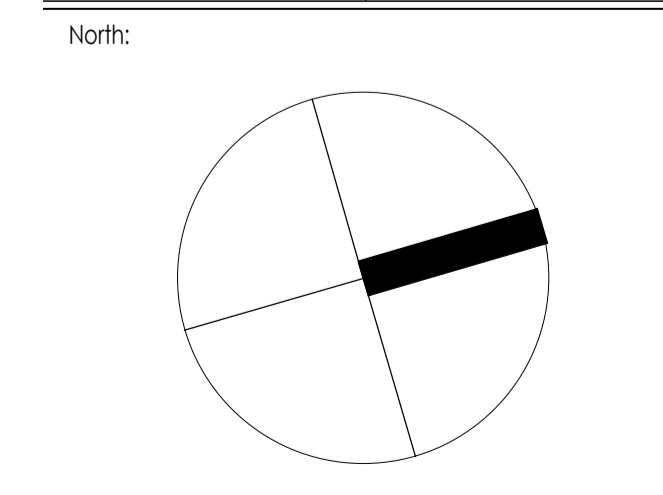
Design by: JB Checked by: JB

Amendments
14/03/2019 - DA Issue (for review)
24/04/2019 - DA Issue

Date:
24th April, 2019

Drawing number:
2019.0305DA1-2

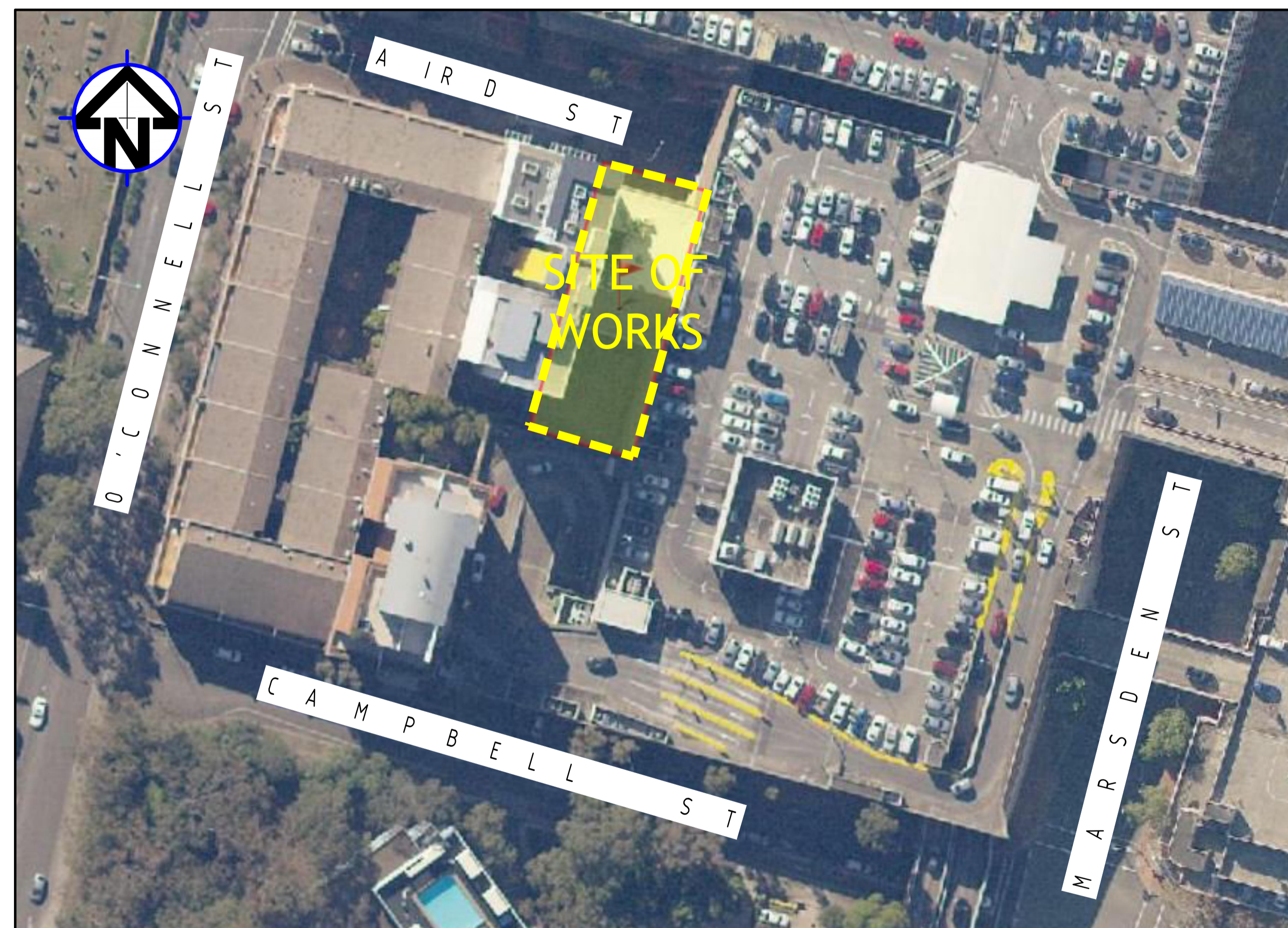
Scale: 1 : 100@A1 Issue: B
1 : 200@A3



AIRD STREET



PROPOSED MIXED USED DEVELOPMENT 11-13 AIRD STREET, PARRAMATTA STORMWATER CONCEPT DESIGN



LOCALITY PLAN
NOT TO SCALE
COPYRIGHT OF GOOGLE MAP, VERSION 3

DRAWING REGISTER			
SHEET No.	No.	TITLE	REV
1	SW100	COVER SHEET	A
2	SW200	STORMWATER CONCEPT DESIGN - BASEMENT FLOOR PLAN	A
3	SW201	STORMWATER CONCEPT DESIGN - GROUND FLOOR PLAN	A
4	SW202	STORMWATER CONCEPT DESIGN - L7 PODIUM PLAN	A
5	SW203	STORMWATER CONCEPT DESIGN - ROOF PLAN	A
6	SW300	STORMWATER CONCEPT DESIGN - DETAILS SHEET - SHEET 1 OF 2	A
7	SW301	STORMWATER CONCEPT DESIGN - DETAILS SHEET - SHEET 2 OF 2	A
8	SW400	EROSION AND SEDIMENT CONTROL - PLAN AND DETAILS	A
9	SW500	STORMWATER CONCEPT DESIGN - MUSIC CATCHMENT PLAN	A

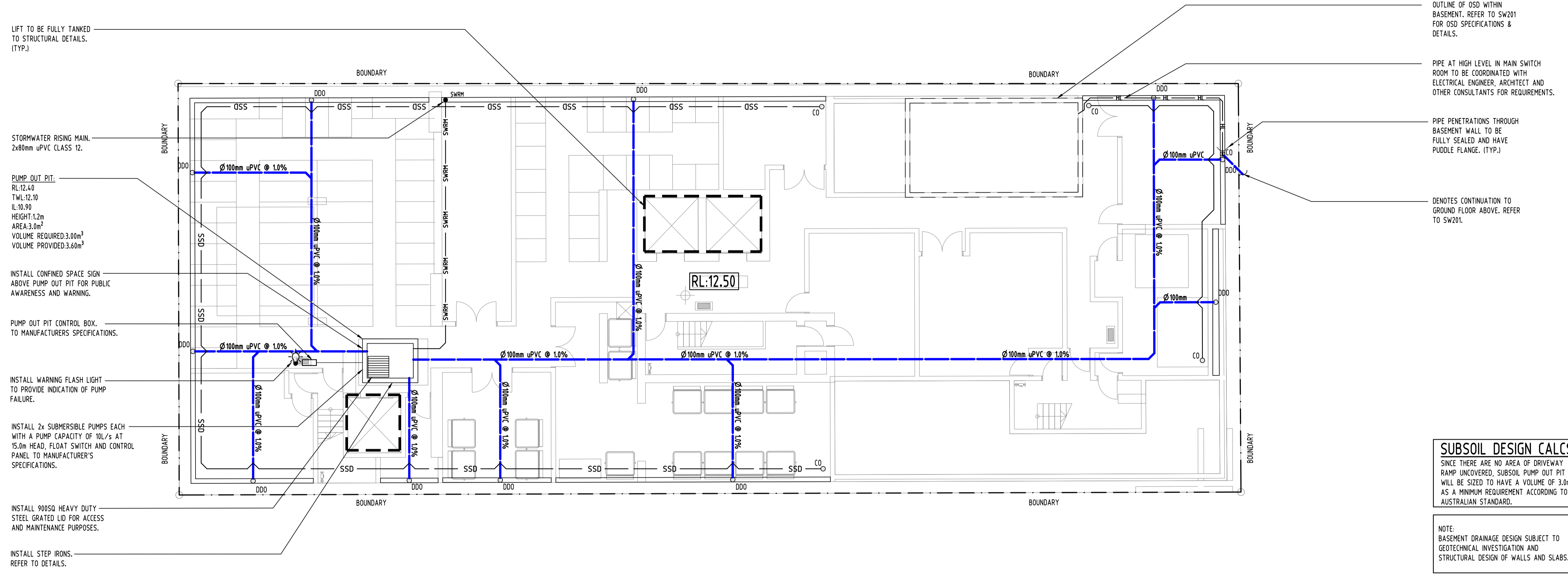
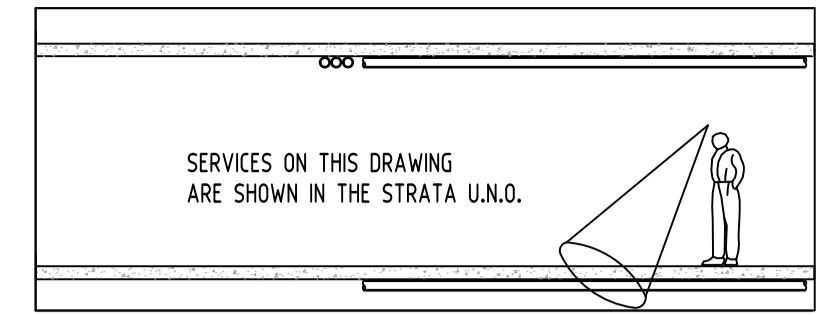


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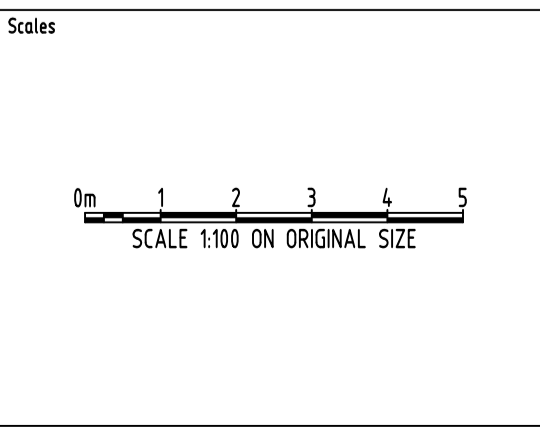
SUBSOIL DESIGN CALCS:
 SINCE THERE ARE NO AREA OF DRIVEWAY RAMP UNCOVERED, SUBSOIL PUMP OUT PIT WILL BE SIZED TO HAVE A VOLUME OF 3.0m³ AS A MINIMUM REQUIREMENT ACCORDING TO AUSTRALIAN STANDARD.

NOTE:
 BASEMENT DRAINAGE DESIGN SUBJECT TO GEOTECHNICAL INVESTIGATION AND STRUCTURAL DESIGN OF WALLS AND SLABS.

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

QUALITY CONTROL			
Discipline	Checked By	Date	Status
DRAWN	AA	27.02.19	
CHECKED	SH	27.02.19	
DESIGNED	AA	27.02.19	
VERIFIED	SH	27.02.19	
APPROVED	SH	27.02.19	

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A.B.N. 21 118 222 530

PROJECT
PROPOSED MIXED USE DEVELOPMENT
 11-13 AIRD STREET,
 PARRAMATTA

Drawing Status	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION PURPOSES
Drawing Title	STORMWATER CONCEPT DESIGN BASEMENT PLAN
Project No	20180328
Drawing No	SW200
Revision No	A

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	2 OF 9	1:100 @ A1

BYPASS CALCULATIONS:
 1 IN 3 Mth FLOW =
 I = 43.4mm/hr
 C1 = 1.0
 Q1 = 1.0x43.4x815/3600 = 9.83L/s
 HEIGHT OF BYPASS WEIR = 1.0m
 HEAD OVER ORIFICE = 1.0m
 ORIFICE SIZE = 65mm

HIGH FLOW BYPASS CHAMBER WITH 1.0m HIGH WEIR AND 65mm ORIFICE TO OUTLET PIPE INTO HED CHAMBER.

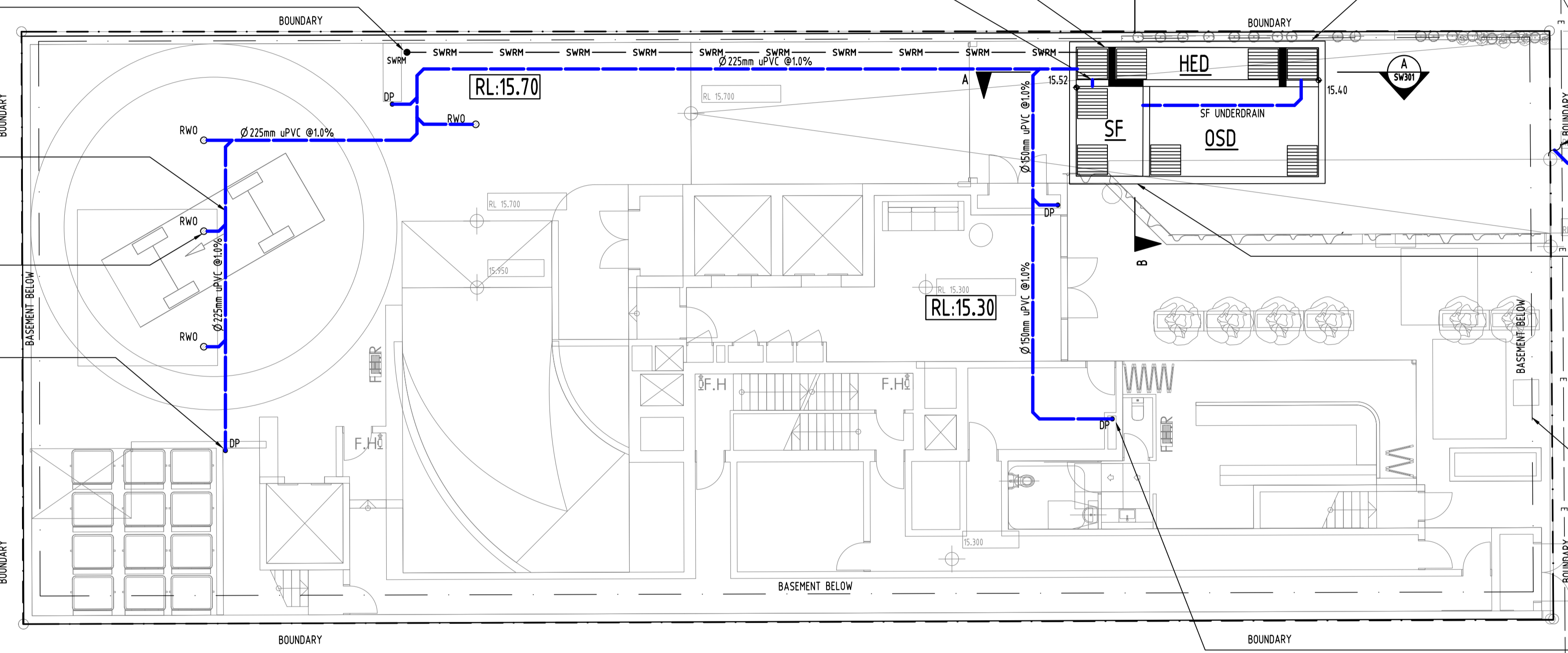
150mm PIPE TO CARRY THE 1 IN 3 MONTH FLOW ONLY INTO THE STORMFILTER CHAMBER. PROVIDE A RESTRICTING ORIFICE INSIDE PIT TO LIMIT THE FLOWS.

STORMWATER RISING MAIN FROM PUMP OUT PIT ON BASEMENT LEVEL.

DOWNPIPES RUN AT HIGH LEVEL IN BASEMENT LEVEL BELOW.

RAINWATER OUTLETS BENEATH TURNING TABLE TO MANUFACTURERS SPECIFICATIONS (TYP).

LOCATIONS OF DOWNPIPE ARE NOMINAL AND TO BE DETERMINED AT CC STAGE.



BELOW GROUND OSD TANK
 RL:15.40
 TWL:15.10
 BASE IL:12.97
 AVG HEIGHT:2.10m
 MAX HEIGHT:2.13m
 AREA:28.25m²
 VOLUME REQUIRED:54.88m³
 VOLUME PROVIDED:58.29m³
 PIPE IL:12.90
 PSD:6.58
 ORIFICE Ø:53mm
 ORIFICE CL:12.97

CONTRACTOR TO CARRY OUT DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO ANY WORK COMMENCING ONSITE.

DENOTES CONTINUATION FROM BASEMENT BELOW. REFER TO SW200.

STORMFILTER CHAMBER
 6 x 460 PSORB
 RL:13.13
 TOW:13.67

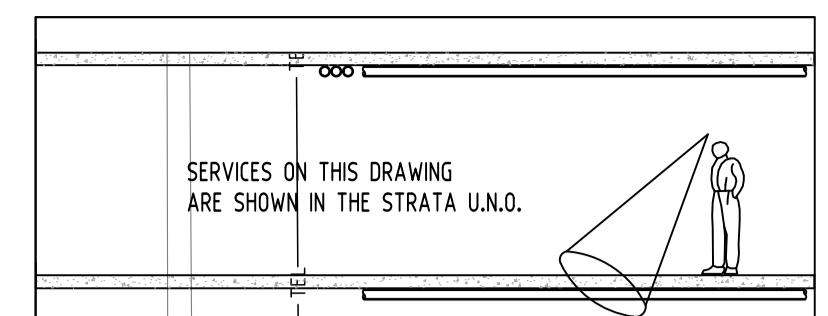
CONSTRUCT NEW KERB INLET PIT AT DOWNSTREAM 30m AWAY. INVERT LEVEL HAS BEEN DETERMINED BY INTERPOLATION AND TO BE CONFIRMED AT CC STAGE.

DASHED LINED DENOTES BASEMENT BELOW.

CONNECT NEW STORMWATER SYSTEM TO EXISTING LINE UNDER K&G TO COUNCIL STANDARDS.

DOWNPIPE COLLECTING STORMWATER FROM LEVELS ABOVE.
 eSMRY.P.J

AIRD STREET

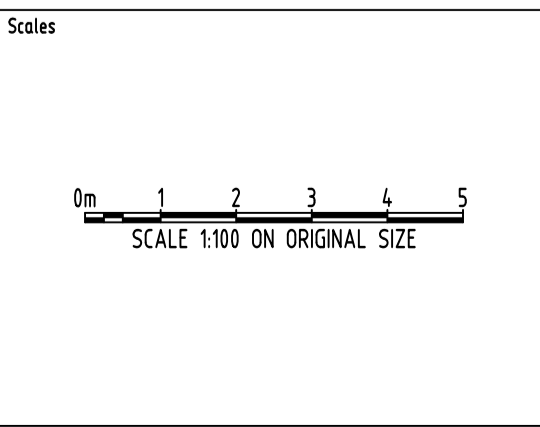


SERVICES ON THIS DRAWING ARE SHOWN IN THE STRATA U.N.O.

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

QUALITY CONTROL			
Discipline	Checked By	Date	Status
DRAWN	AA	27.02.19	
CHECKED	SH	27.02.19	
DESIGNED	AA	27.02.19	
VERIFIED	SH	27.02.19	
APPROVED	SH	27.02.19	

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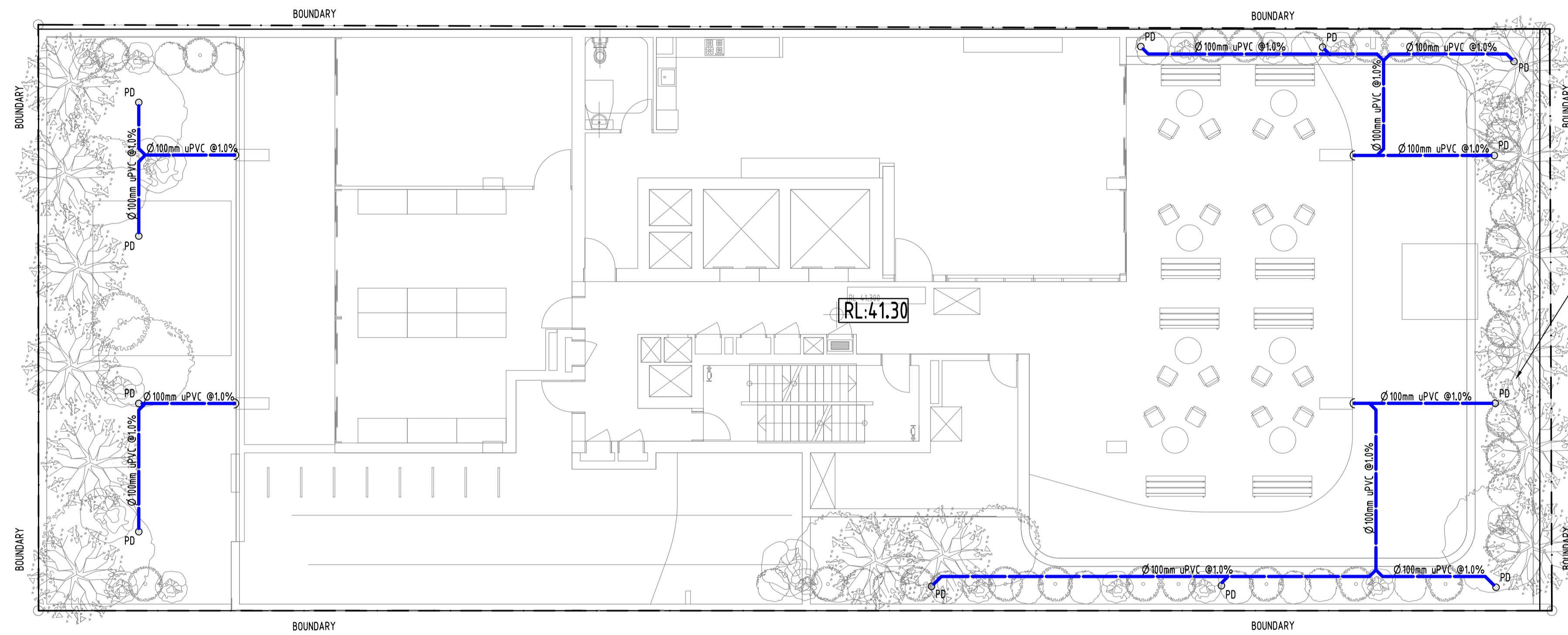
PROJECT
PROPOSED MIXED USE DEVELOPMENT
 11-13 AIRD STREET,
 PARRAMATTA

Drawing Status		
PRELIMINARY		
NOT TO BE USED FOR CONSTRUCTION PURPOSES		
Drawing Title		
STORMWATER CONCEPT DESIGN GROUND FLOOR PLAN		
Project No	Drawing No	Revision No
20180328	SW201	A

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	3 OF 9	1:100 @ A1

A.B.N. 21 118 222 530

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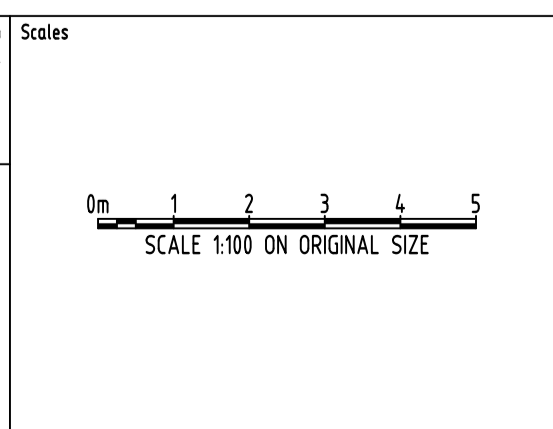
LOCATIONS OF DOWNPIPE ARE NOMINAL AND TO BE DETERMINED BY ARCHITECTS.

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUKT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

ENGINEERS AUSTRALIA
 Chartered Professional Engineer
 MEMBER

QUALITY CONTROL			
DRAWN	AA	DATE	27.02.19
CHECKED	SH	DATE	27.02.19
DESIGNED	AA	DATE	27.02.19
VERIFIED	SH	DATE	27.02.19
APPROVED	SH	DATE	27.02.19

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PROJECT
PROPOSED MIXED USE DEVELOPMENT
 11-13 AIRD STREET,
 PARRAMATTA

Drawing Status	PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	STORMWATER CONCEPT DESIGN L7 PODIUM PLAN
Project No	20180328
Drawing No	SW202
Revision No	A

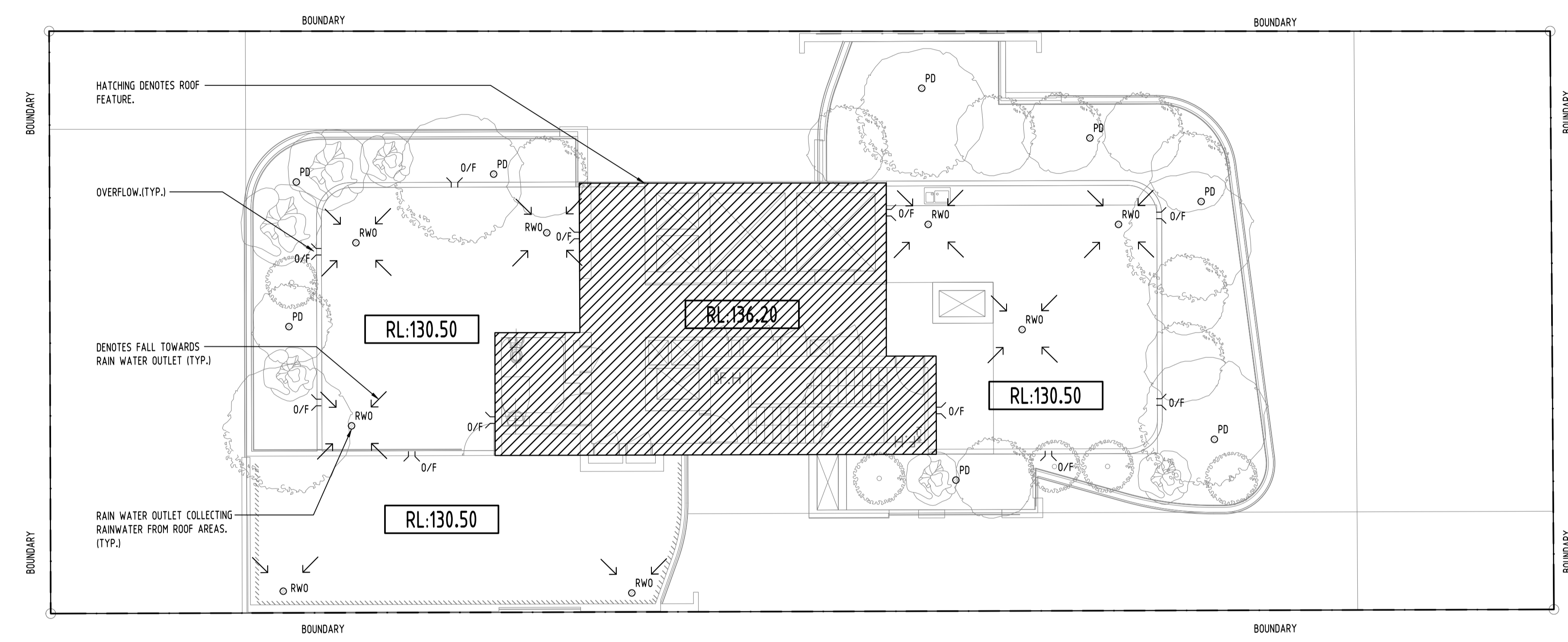
Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	4 OF 9	1:100 @ A1

SERVICES ON THIS DRAWING
ARE SHOWN IN THE STRATA U.N.O.

NOTE 1:
CONTRACTOR TO PROVIDE OVERFLOWS TO
AS 3500 REQUIREMENTS TO ARCHITECT'S
SPECIFICATIONS & LOCATION.

ALL DOWNPIPES ARE Ø100mm U.N.O.

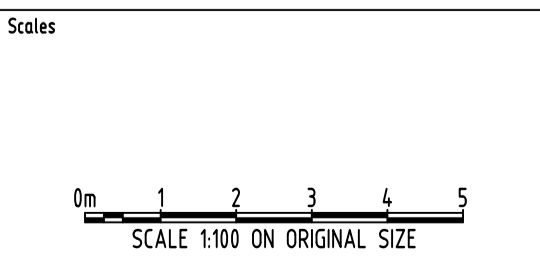
NOTE 2
Q=CIA/3600 (L/s)
ROOF AREA=287.4m²
C=1.0 (ROOF)
5min 100ARI=209mm/hr
Q100= 16.7L/s



Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

QUALITY CONTROL			
DRAWN	AA	DATE	27.02.19
CHECKED	SH <td>DATE</td> <td>27.02.19</td>	DATE	27.02.19
DESIGNED	AA <td>DATE</td> <td>27.02.19</td>	DATE	27.02.19
VERIFIED	SH <td>DATE</td> <td>27.02.19</td>	DATE	27.02.19
APPROVED	SH <td>DATE</td> <td>27.02.19</td>	DATE	27.02.19

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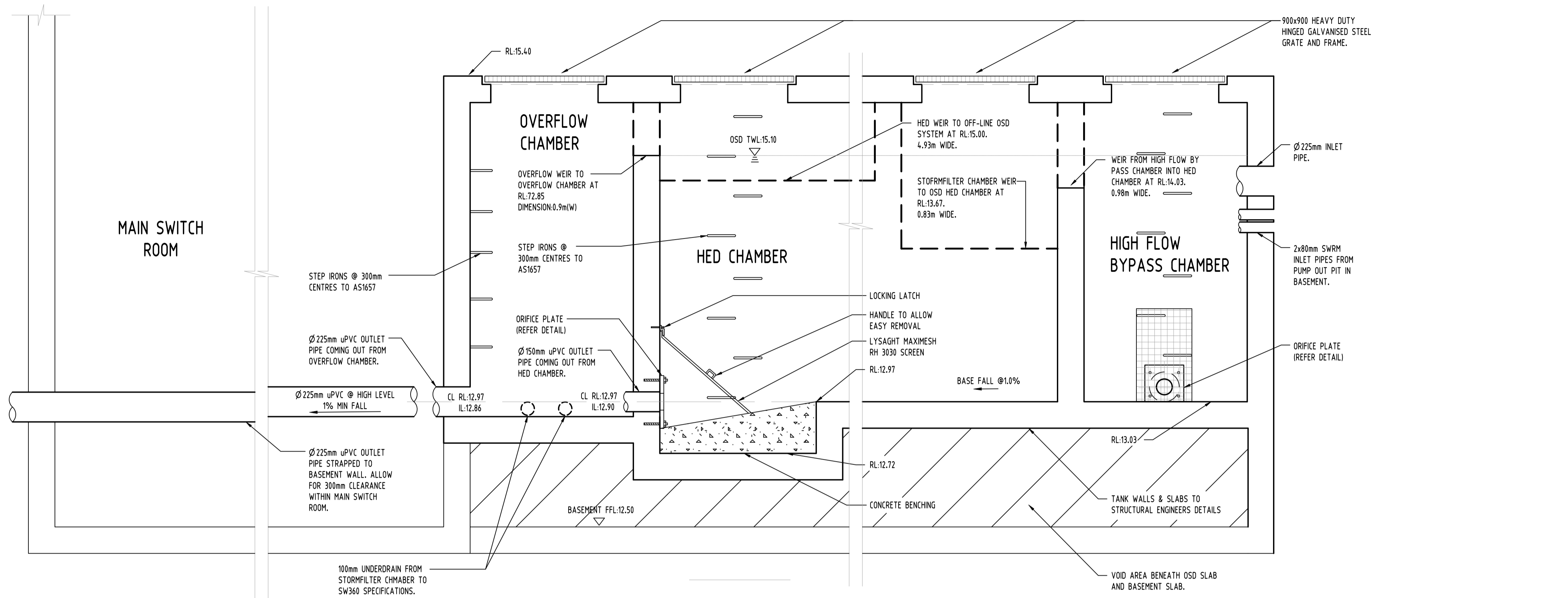
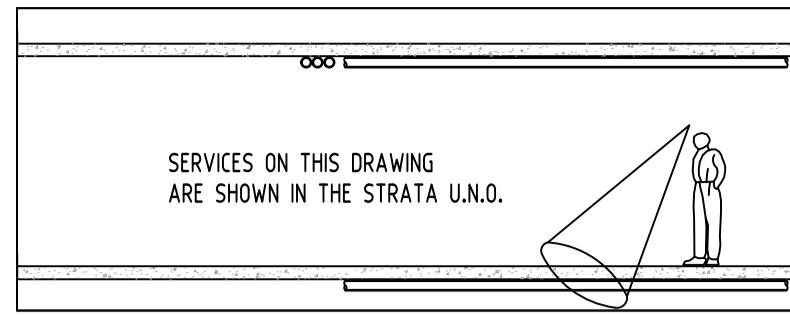
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PROJECT
**PROPOSED MIXED USE
DEVELOPMENT**
11-13 AIRD STREET,
PARRAMATTA

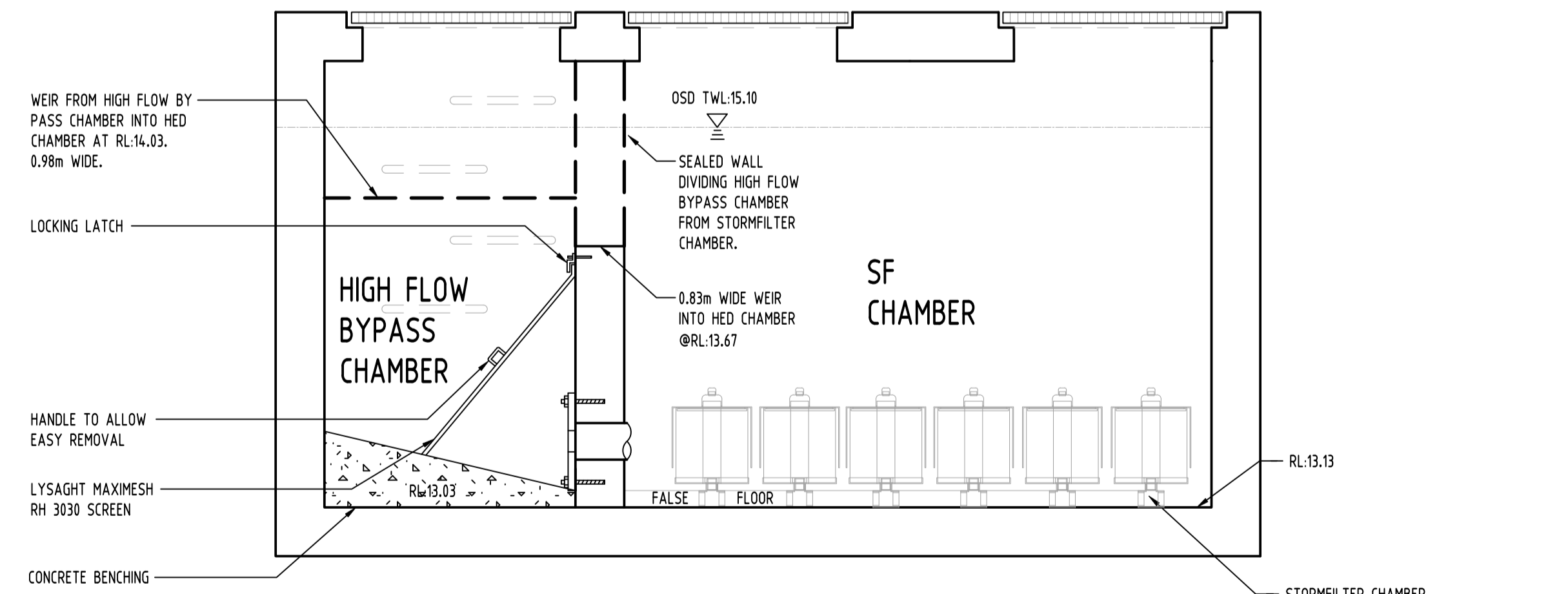
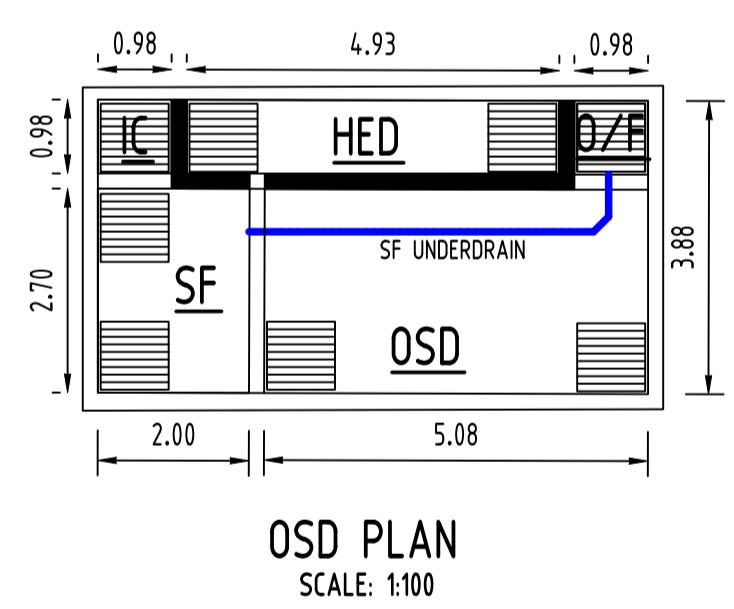
Drawing Status	PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	STORMWATER CONCEPT DESIGN ROOF PLAN
Project No	20180328
Drawing No	SW203
Revision No	A

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	5 OF 9	1:100 @ A1

Drainage Design Summary				S&G Pty Ltd	
Project		Location			
11-13 AIRD STREET		PARRAMATTA			
Catchment Name:		PARRAMATTA RIVER - SOUTH SIDE			
SSR (m ³ /Ha) =	470				
PSD (l/s/Ha) =	80				
Total Site Area	0.0815	Ha	(A)		
Basic Storage Volume	SSR x (A)	38.31	m ³	(B)	
Basic Discharge	PSD x (A)	0.0065	m ³ /s	(C)	
Area of Site Drained to OSD	ie Area -Bypass	0.0815	Ha	(D)	
Percentage of Area diverted to Storage (should be greater than 75%)		100.00	%	(E)	
Storage / Ha of contributing Area		470.00	m ³ /Ha	(F)	
PSD Adjustment for Parramatta	SSR=74.66xPSD ^{-0.731}	80.72	l/s/Ha	(G)	
Determine PSD		6.58	l/s	(H)	
Maximum Head to Orifice Centre		1.13	m	(K)	
Height of Water over weir to Storage		0.075	m	(I)	
Required Orifice Diameter		53	mm	(J)	
Maximum Discharge		6.58	l/s	(L)	
Head for High Early Discharge		1.05	m	(M)	
HED		6.15	l/s	(N)	
Approximate Mean Discharge		6.37	l/s	(P)	
Average PSD / Ha of contributing Area		78.11	l/s/Ha	(Q)	
PSD Adjustment (fig 5.1)		481	m ³ /Ha	(R)	
Final SSR		39.23	m ³	(S)	
Primary Storage		39.23	m ³	(T)	
Secondary Storage		0	m ³	(U)	
Tertiary Storage		0	m ³	(V)	
Total		39.23	m ³	(W)	
Signature		Date: 28/02/2019			



A SECTION
SW201 OSD HIGH FLOW BYPASS CHAMBER/ HED CHAMBER/ OVERFLOW CHAMBER N.T.S



B SECTION
SW201 OSD HIGH FLOW BYPASS CHAMBER/ STORMFILTER CHAMBER N.T.S

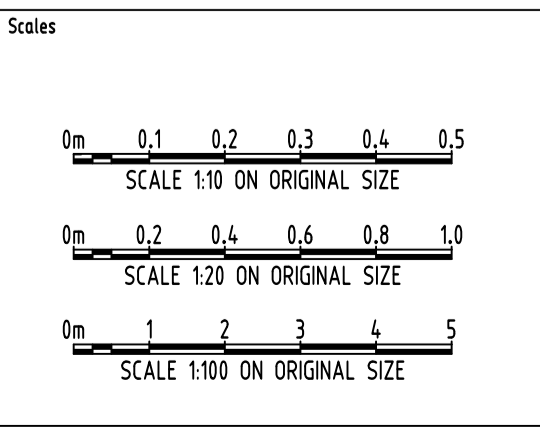
Drowned Orifice Calculation			
Head to Orifice under drowned conditions (H1) =	0.50 m		
PSD from OSD system based on new head (Q1) =	4.25 L/s	$Q1 = d^2 \times \text{SQRT}(H1) \times 0.464$	
Head for High Early Discharge under drowned conditions (H2) =	0.40 m		
High Early Discharge (Q2) =	3.80 L/s	$Q2 = Q1 \times \text{SQRT}(H2/H1)$	
Mean Discharge (Q3) =	4.02 L/s	$Q3 = (Q1+Q2)/2$	
Average Discharge per Hectare (AA) =	49.35 L/s/ha	$AA = Q3/[D]$	
Final Site Storage Ratio (AB) =	673.41 m ³ /ha	$AB = 74.66 \times ([AA]/1000)^{-0.731}$	
Final Storage Volume (AC) =	54.88 m ³	$AC = AB \times [D]$	

OSD Area	28	m ²
Max Depth	2.13	m
Level Rise in base of OSD	0.10	m
Volume Achieved	58.29	m ³

Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUKT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

QUALITY CONTROL			
DRAWN	AA	DATE	27.02.19
CHECKED	SH	DATE	27.02.19
DESIGNED	AA	DATE	27.02.19
VERIFIED	SH	DATE	27.02.19
APPROVED	SH	DATE	27.02.19

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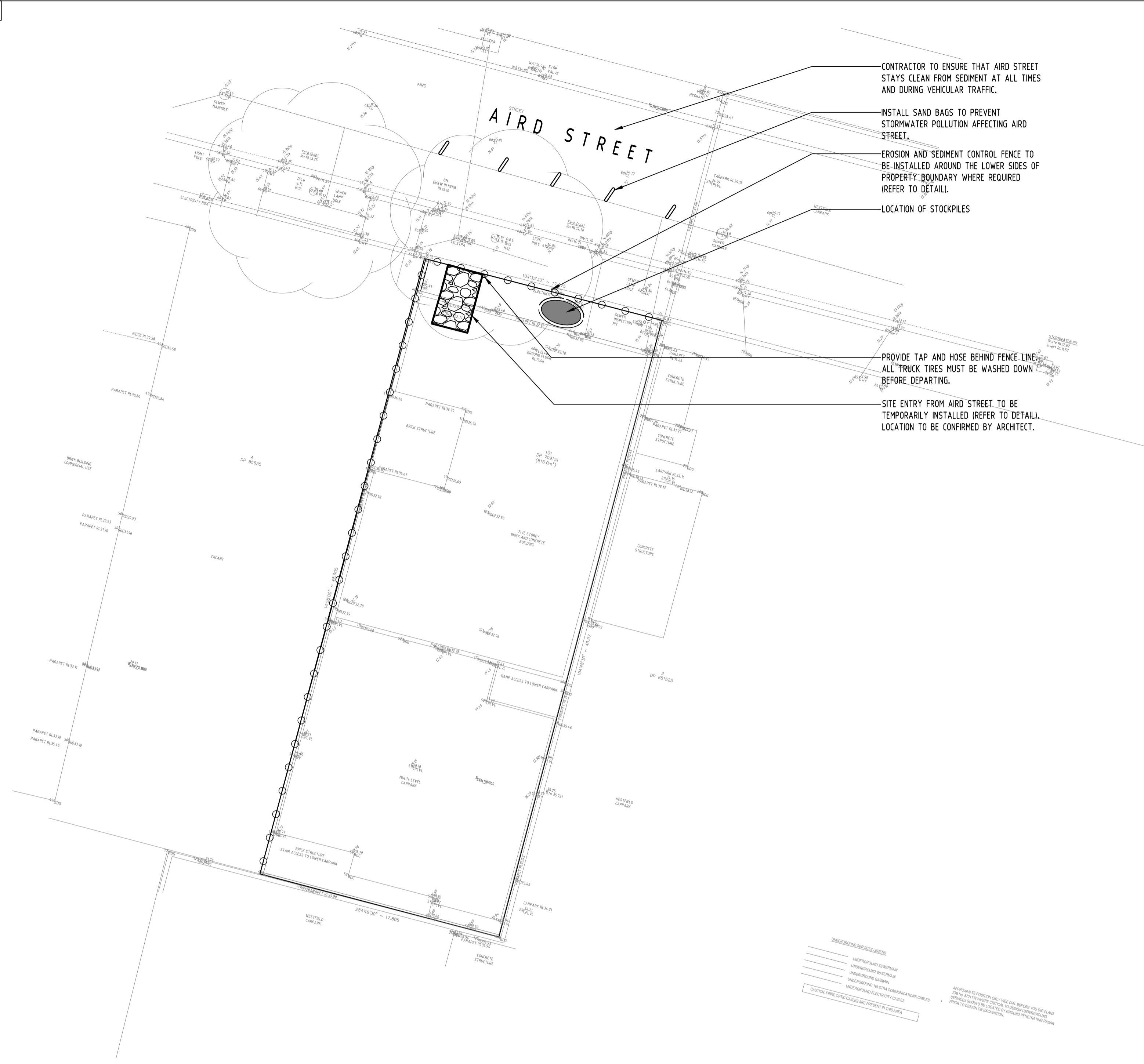
Suite 5.03, Level 5,
156 PACIFIC HIGHWAY
ST. LEONARDS, NSW 2065
T: +61 2 8883 4239
Email: office@sgce.com.au
Web: www.sgce.com.au

PROJECT
PROPOSED MIXED USE
DEVELOPMENT
11-13 AIRD STREET,
PARRAMATTA

Drawing Status	PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	STORMWATER CONCEPT DESIGN
DETAILS SHEET	
SHEET 2 OF 2	
Project No	20180328
Drawing No	SW301
Revision No	A

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	7 OF 9	AS SHOWN

A.B.N. 21 118 222 530



CONTRACTOR TO ENSURE THAT AIRD STREET STAYS CLEAN FROM SEDIMENT AT ALL TIMES AND DURING VEHICULAR TRAFFIC.

INSTALL SAND BAGS TO PREVENT STORMWATER POLLUTION AFFECTING AIRD STREET.

EROSION AND SEDIMENT CONTROL FENCE TO BE INSTALLED AROUND THE LOWER SIDES OF PROPERTY BOUNDARY WHERE REQUIRED (REFER TO DETAIL).

LOCATION OF STOCKPILES

PROVIDE TAP AND HOSE BEHIND FENCE LINE. ALL TRUCK TIRES MUST BE WASHED DOWN BEFORE DEPARTING.

SITE ENTRY FROM AIRD STREET TO BE TEMPORARILY INSTALLED (REFER TO DETAIL). LOCATION TO BE CONFIRMED BY ARCHITECT.

EROSION & SEDIMENT CONTROL NOTES

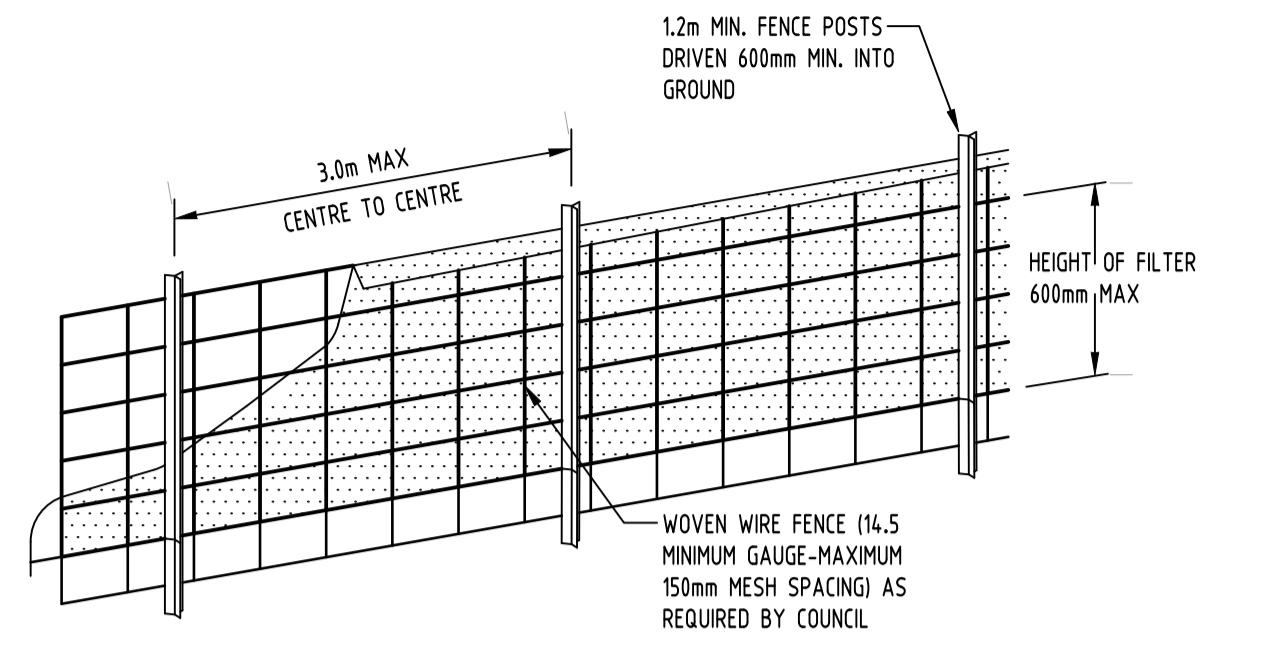
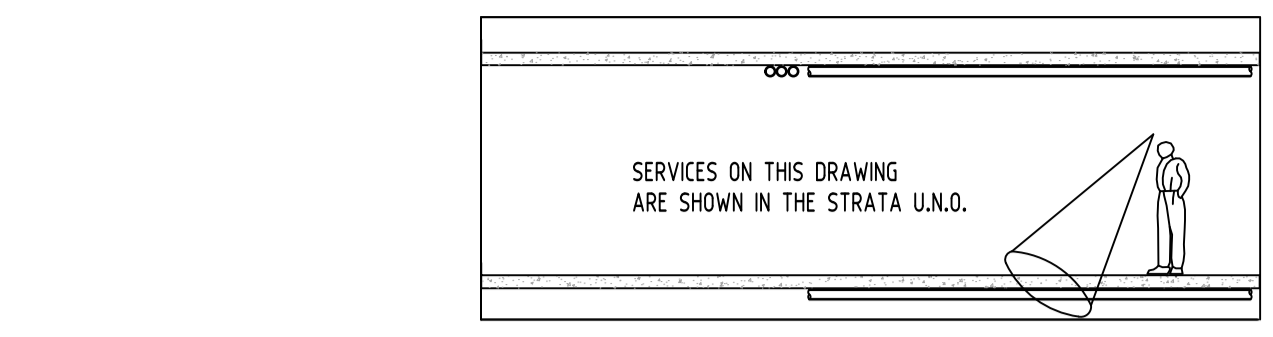
- CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. THE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- NO PARKING OR STOCKPILING OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

GENERAL NOTES

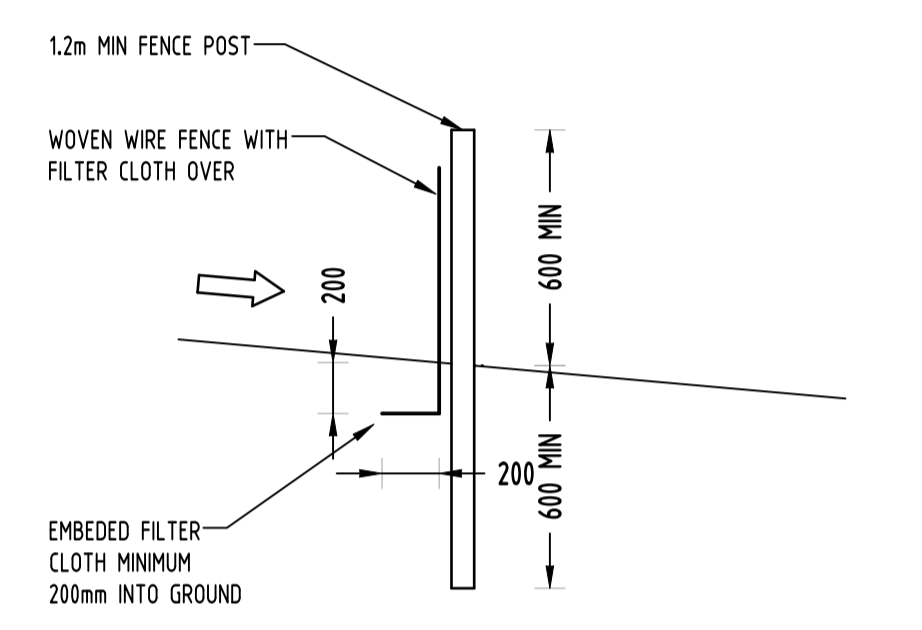
- THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADAPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
- ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

CLAY SOILS

- A SYSTEM SHALL BE INSTALLED TO EITHER:
- TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
 - TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATION ACT (POEO 1997) AND SHALL BE APPROVED BY LOCAL COUNCIL.

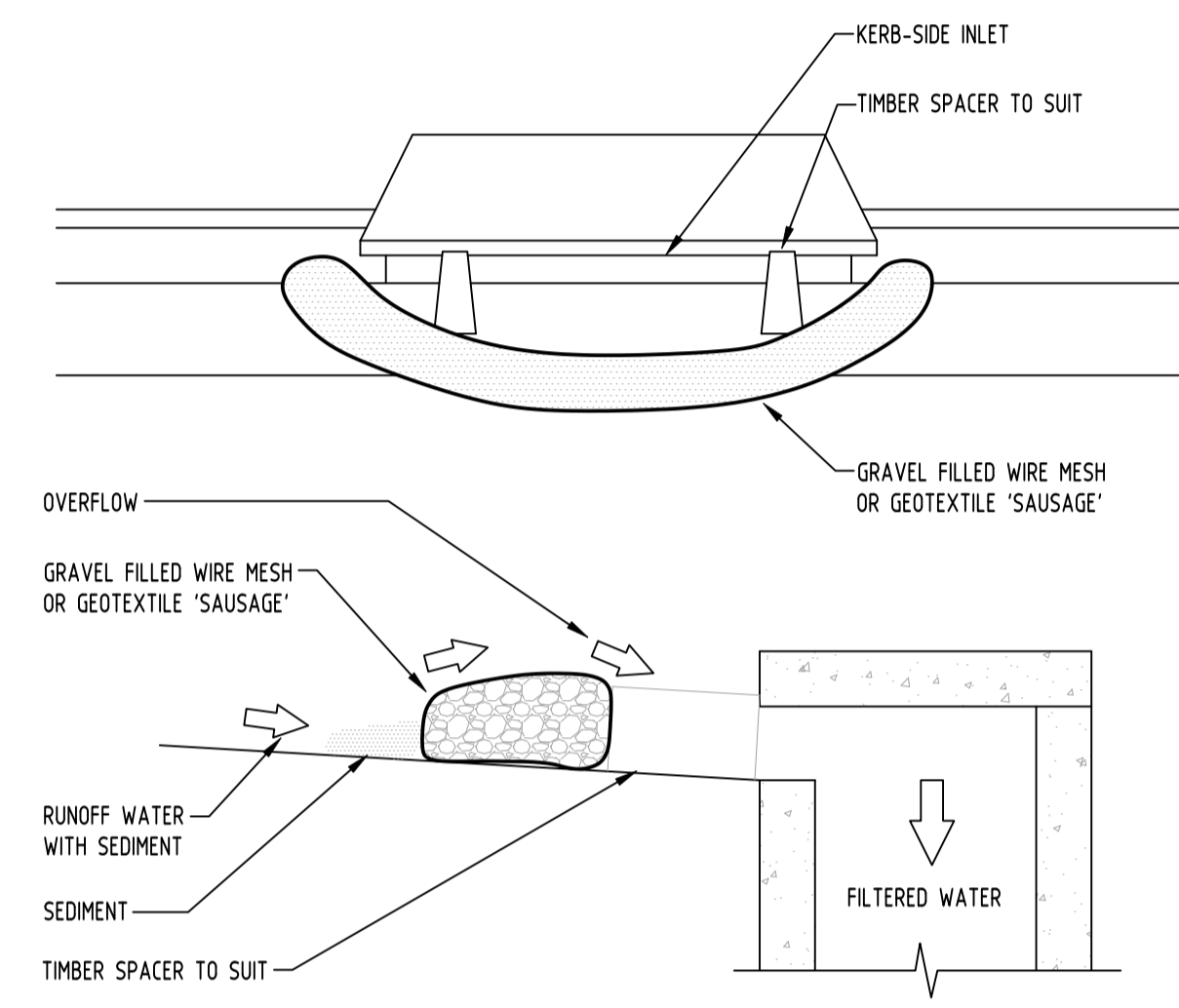


DIAGRAMMATIC VIEW



TYPICAL SECTION

SEDIMENT FENCE NOT TO SCALE



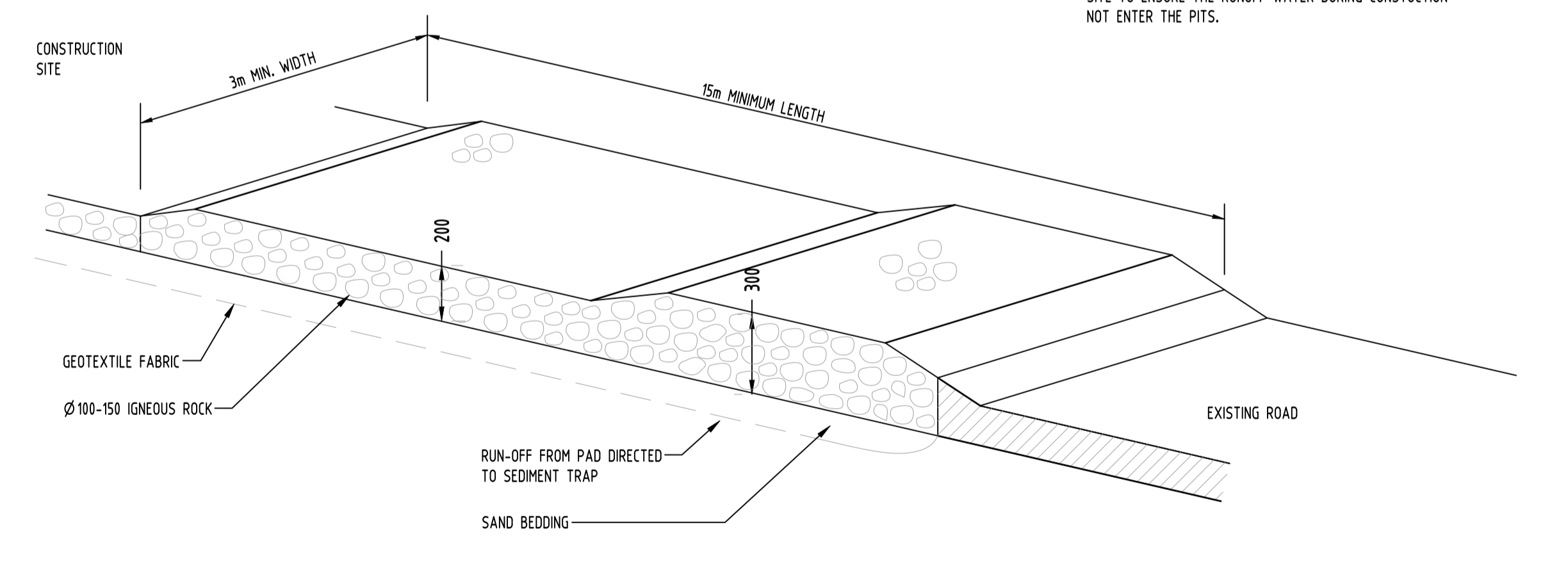
CONSTRUCTION NOTES:

- FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT
- FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL
- FORM AN ELLIPTICAL CROSS-SECTION OF THE KERB INLET LEAVING A 100mm GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY
- MAINTAIN THE OPENING WITH SPACER BLOCKS
- FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER
- FIT TO ALL KERB INLETS AT SAG POINTS

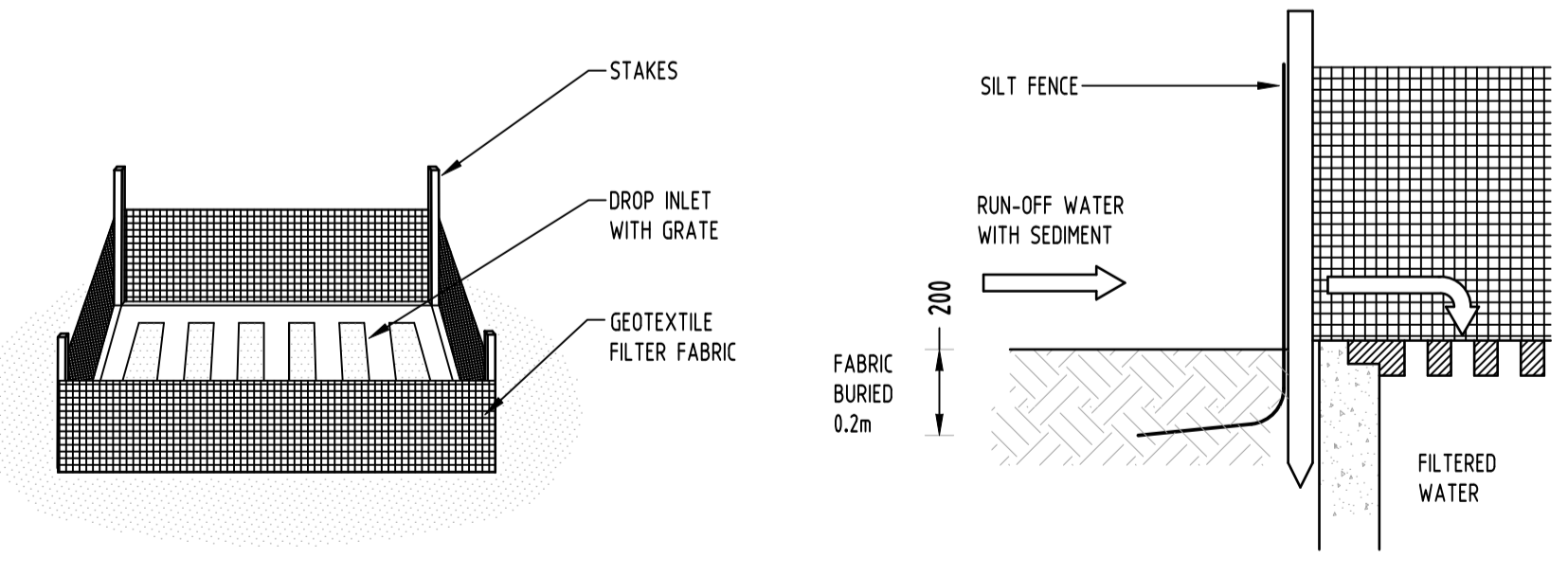
GRAVEL INLET FILTER (SAUSAGE) NOT TO SCALE

GEOTEXTILE INLET FILTER

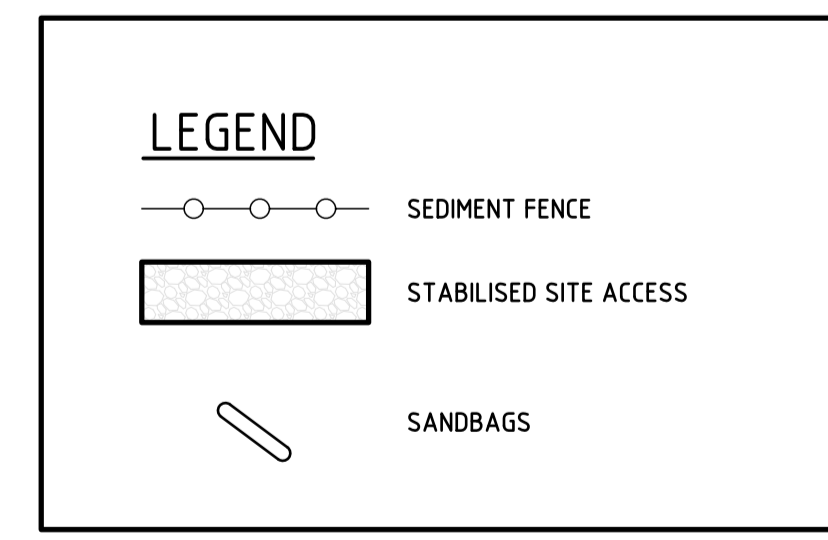
GEOTEXTILE INLET FILTER IS PLACED IN EVERY PIT WITHIN THE SITE TO ENSURE THE RUNOFF WATER DURING CONSTRUCTION NOT ENTER THE PITS.



TEMPORARY CONSTRUCTION EXIT RUBBLE ALTERNATIVE NOT TO SCALE



GEOTEXTILE INLET FILTER NOT TO SCALE

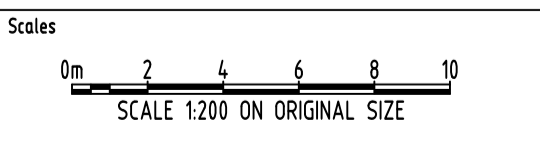


Reference Coordination Drawing			
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
ARCH			
STRUCT			
MECH			
ELEC			
HYD			
FIRE			
LANDS			
CIVIL			
SURVEY			

Issue internal sequence and revision history			
Issue	Last revision title	Date	Status
A	ISSUE FOR DA	27.02.19	2

QUALITY CONTROL			
DRAWN	AA	DATE	27.02.19
CHECKED	SH	DATE	27.02.19
DESIGNED	AA	DATE	27.02.19
VERIFIED	SH	DATE	27.02.19
APPROVED	SH	DATE	27.02.19

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CLIENT DAYAF INVESTMENTS PTY LTD



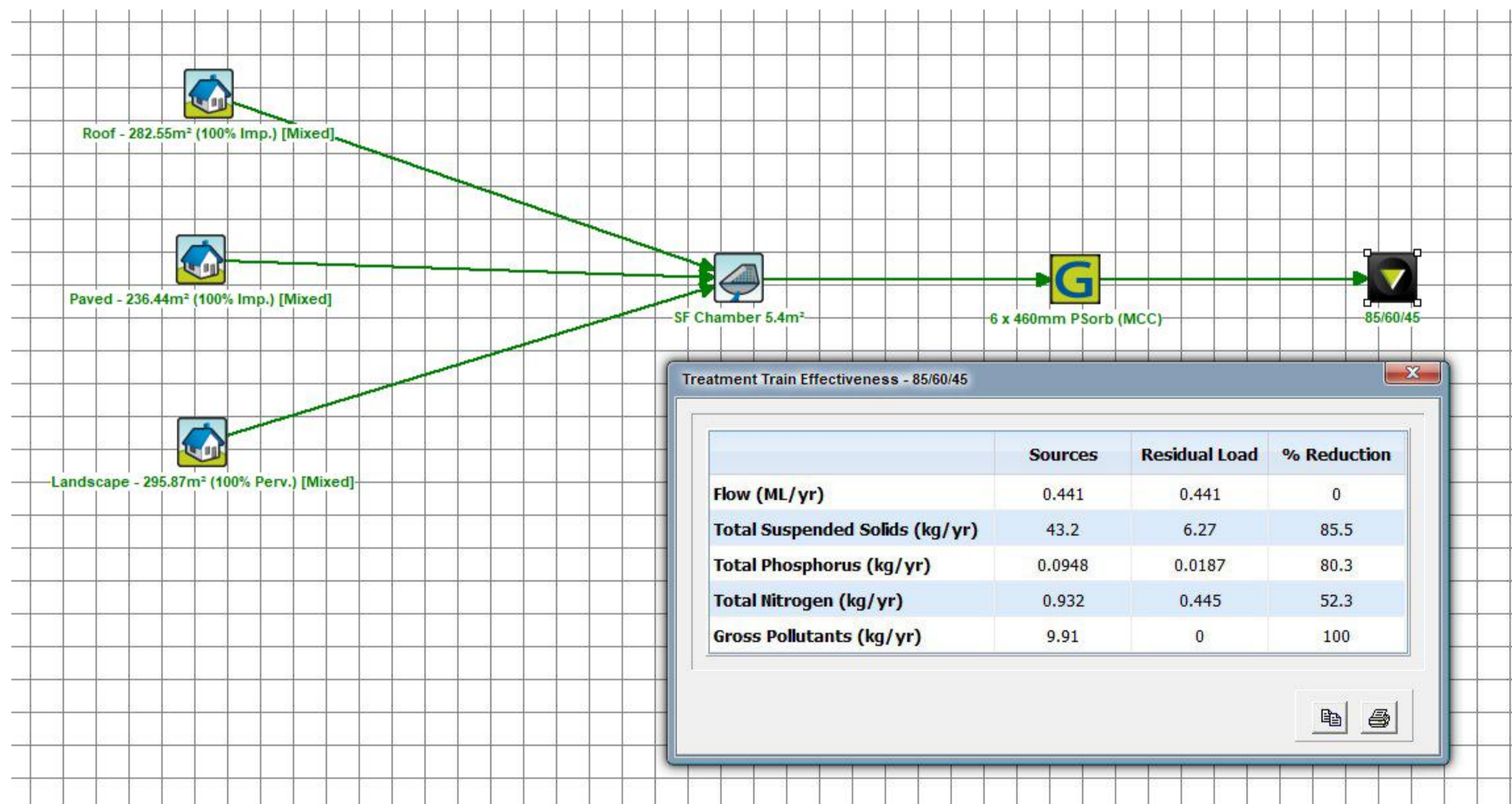
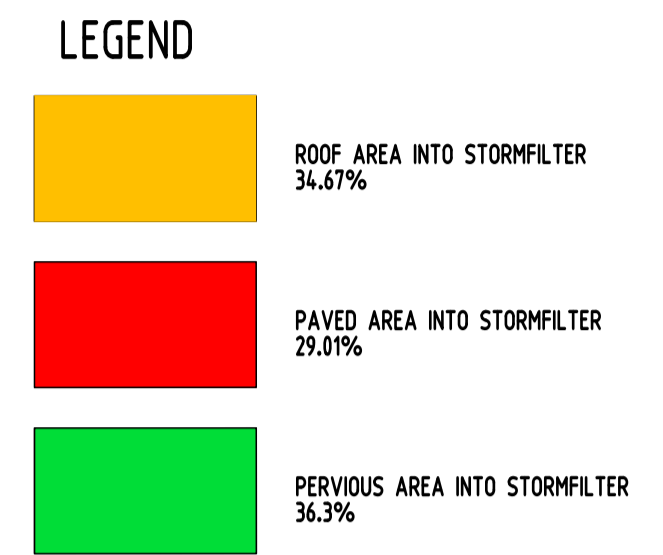
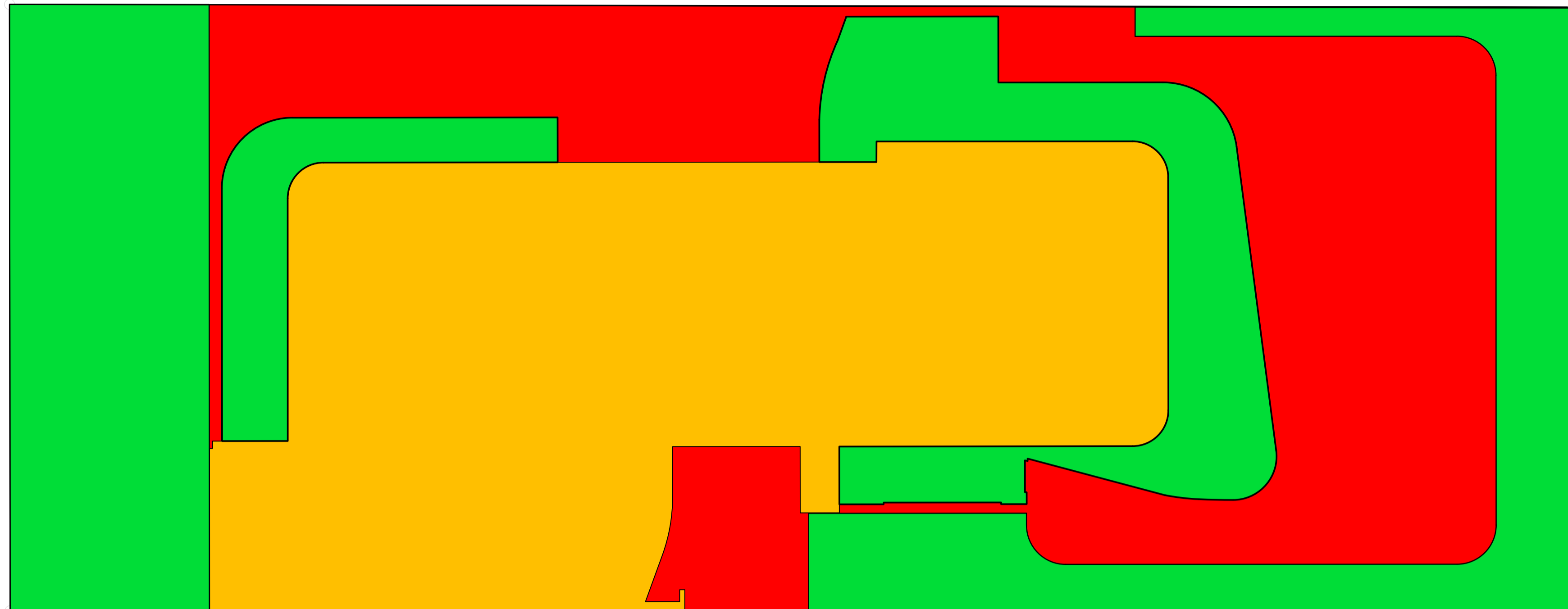
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PROJECT PROPOSED MIXED USE DEVELOPMENT
11-13 AIRD STREET, PARRAMATTA

Drawing Status	PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION PURPOSES	
Drawing Title	EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
Project No	20180328
Drawing No	SW400
Revision No	A

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	8 OF 9	AS SHOWN

A.B.N. 21 118 222 530



Treatment Train Effectiveness - 85/60/45

	Sources	Residual Load	% Reduction
Flow (ML/yr)	0.441	0.441	0
Total Suspended Solids (kg/yr)	43.2	6.27	85.5
Total Phosphorus (kg/yr)	0.0948	0.0187	80.3
Total Nitrogen (kg/yr)	0.932	0.445	52.3
Gross Pollutants (kg/yr)	9.91	0	100

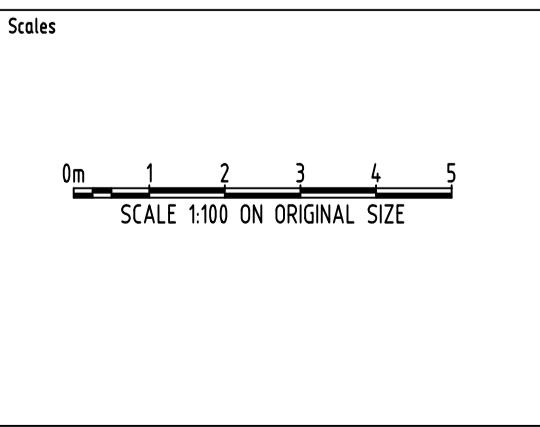
Discipline	Drawing Title and Number	Date	Rev.
ARCH			
STRUKT			
MECH			
ELEC			
HYD			
FRE			
LANDS			
CIVIL			
SURVEY			

Reference Coordination Drawing

Issue	Last revision title	by	Date	Status
A	ISSUE FOR DA	AA	27.02.19	2

QUALITY CONTROL

Discipline	Checked by	Date
DRAWN	AA	27.02.19
CHECKED	SH	27.02.19
DESIGNED	AA	27.02.19
VERIFIED	SH	27.02.19
APPROVED	SH	27.02.19



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PROJECT
PROPOSED MIXED USE DEVELOPMENT
11-13 AIR STREET,
PARRAMATTA

Drawing Status	PRELIMINARY
Drawing Title	NOT TO BE USED FOR CONSTRUCTION PURPOSES STORMWATER CONCEPT DESIGN MUSIC CATCHMENT PLAN
Project No	20180328
Drawing No	SW500
Revision No	A

Grid	Datum	Sheet	Scale (at original size)
-	A.H.D.	9 OF 9	1:100 @ A1