

PROPOSED RESIDENTIAL DEVELOPMENT

69 TRAFALGAR STREET & 2-6 GOVER STREET, PEAKHURST



LOCALITY PLAN
IMAGE FROM NEARMAPS
26.02.2024

Sheet List Table	
Sheet Number	Sheet Title
C001	COVER SHEET
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C402	SOIL AND WATER MANAGEMENT DETAILS
C910	DRIVEWAY LONG SECTIONS



PRINTING NOTE:

THIS DRAWING TO BE PRINTED IN COLOUR.

FOR APPROVAL

Architect					Client		Project		Scale at A1		Drawn		Approved	
KENNEDY ASSOCIATES ARCHITECTS 3/1 BOOTH ST, ANNANDALE NSW 2038					LAND & HOUSING CORPORATION		APARTMENT BUILDING 69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST		-		WC		EL	
E ISSUE FOR DA					EL		T : 02 8810 5800 E : info@xavierknight.com.au		North		Job No		Revision	
D ISSUE FOR DA					WC		A : Level 7, 210 Clarence Street, Sydney NSW 2000				221001		E	
C ISSUE FOR INFORMATION					WC		xavierknight.com.au				Drawing No		Revision	
B ISSUE FOR INFORMATION					WC		This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.				C001		E	
A ISSUE FOR INFORMATION					NV									
Rev Description					Eng Draft Date									

LEGEND

- SITE BOUNDARY
- PROPOSED STORMWATER LINE
- DISH DRAIN
- GTD
- PROPOSED GRATED DRAIN
- RM
- RISING MAIN
- GRATED SURFACE INLET PIT
- SWRM
- STORMWATER RISING MAIN
- FG
- 100mm SQUARE FLOOR WASTE
- A02
- PIT NUMBER
- RL 27.00
- FINISHED RL

PUMP-OUT PIT CALCULATIONS

(IN ACCORDANCE WITH GEORGES RIVER COUNCIL - STORMWATER MANAGEMENT POLICY 2021, SECTION 3.6 AND AS/NZS3500.3:2021)

AREA DISCHARGING TO PUMP-OUT TANK
DRIVEWAY AREA TO PUMP-OUT TANK = 76 m²

ASSUME SEEPAGE RAGE < 3.0 ML/YR
SEEPAGE INFLOW RATE = 3 ML/YR
SEEPAGE RATE = 3000 / 365 = 8.22 m³/Ha (24 HR STORAGE)
V_{SEEPAGE} = 8.22 x 0.2564 = 2.1 m³

PUMP-OUT TANK VOLUME CALCULATIONS
UNDERGROUND PUMP TANK VOLUME CALCULATED FOR 100yr ARI 3hr DURATION
(IN ACCORDANCE WITH GEORGES RIVER COUNCIL - STORMWATER MANAGEMENT POLICY 2021, SECTION 3.6)

100yr ARI 3hr STORM = 33.50 mm/hr
V = 1.2 x 76 x (3 x 33.50) / 1000 = 9.17 m³

TOTAL V = 9.17 + 2.1 = 11.27 m³

PUMP-OUT CAPACITY CALCULATIONS
100yr ARI 5min STORM = 223 mm/hr

PUMP-OUT RATE 100yr ARI 5min STORM = 1.2 x 76 x 223 / 3600 = 5.65 L/s

9.17m³ VOLUME PROVIDED AND 2 MECHANICAL PUMPS WITH CAPACITY OF 10.0 L/s EACH, HEAD = 5.1 m ARE PROVIDED FOR PUMP-OUT TANK.

NOTES:

- SURVEY INFORMATION HAS BEEN OBTAINED FROM PREMISE SURVEY TITLED 'CONTOUR AND DETAIL SURVEY' - JOB NO. 323003, ISSUED 28/07/2023.
- ALL DIMENSIONS ARE IN m UNLESS NOTED OTHERWISE
- EXISTING UTILITY LOCATIONS AND LEVELS ARE TO BE VERIFIED BY CONTRACTOR ON SITE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.
- ALL PIPES ARE TO BE MINIMUM Ø100mm uPVC @ 1% MINIMUM GRADE UNLESS NOTED OTHERWISE.
- ALL GRATED DRAINS IN TRAFFICABLE AREAS TO BE CLASS D. ALL OTHER GRATED DRAINS TO BE CLASS B UNO. GRATED DRAINS TO BE HAVE MIN. 1% FALL TOWARD OUTLET
- BALCONY, PLANTER BOX, AND ROOF DRAINAGE TO BE DESIGNED AT CC STAGE
- DISH DRAIN TO HAVE MIN. 1% FALL TOWARD DISH DRAIN OUTLET (DDO)
- ALL SLAB TO HAVE MIN. 1% FALL TOWARD PIT

PIT SCHEDULE

PIT ID	PIT TYPE	COVER LEVEL (mAHD)	PIT IL (mAHD)	DEPTH TO IL (m)
B01	PUMP OUT PIT 900X900 CLASS D GRATE	26.40	-	-
B02	600x600 GSP CLASS D GRATE	26.50	25.90	0.60
B03	600x600 GSP CLASS D GRATE	26.62	26.07	0.55
B04	600x600 GSP CLASS D GRATE	26.91	26.36	0.55
B05*	600x600 GSP CLASS D GRATE	26.50	25.90	0.60

* DENOTES PIT WITH OCEAN GUARD

FOR APPROVAL

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A1 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100 1:200

Architect				Client			
KENNEDY ASSOCIATES ARCHITECTS				LAND & HOUSING CORPORATION			
3/1 BOOTH ST, ANNANDALE NSW 2038							
E	ISSUE FOR DA	EL	06.09.2024				
D	ISSUE FOR DA	WC	02.09.2024				
C	ISSUE FOR INFORMATION	WC	21.08.2024				
B	ISSUE FOR INFORMATION	WC	24.07.2024				
A	ISSUE FOR INFORMATION	NV	26.02.2024				
Rev	Description	Eng	Draft	Date			

STORMWATER MANAGEMENT PLAN - BASEMENT

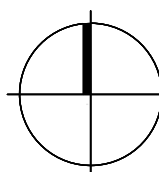
SCALE 1:200



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North



Project
APARTMENT BUILDING
69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST

Sheet Subject
STORMWATER MANAGEMENT PLAN - BASEMENT

Scale at A1	Drawn	Approved
1:200	WC	EL
Job No	Drawing No	Revision
221001	C101	E

LEGEND

	SITE BOUNDARY
	EXISTING CONTOUR (0.5m)
	PROPOSED STORMWATER LINE
	PROPOSED GRATED DRAIN
	EXISTING ELECTRICAL LINE
	EXISTING GAS LINE
	EXISTING TELSTRA LINE
	EXISTING SEWER LINE
	EXISTING WATER MAIN LINE
	EXISTING STORMWATER PIPELINE
	FINISHED RL
	GRATED SURFACE INLET PIT
	STORMWATER RISING MAIN
	FLOOR WASTE
	PLANTER DRAIN OUTLET
	PIT NUMBER
	TREE PROTECTION ZONE
	FLOW DIRECTION
	UNDERGROUND OSD
	WSUD CHAMBER
	RAINWATER TANK

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- ALL PIPES ARE TO BE MINIMUM Ø150mm uPVC @ 1% MINIMUM GRADE UNLESS NOTED OTHERWISE.
- ALL GRATED DRAINS IN TRAFFICABLE AREAS TO BE CLASS D. ALL OTHER GRATED DRAINS TO BE CLASS B UNO.
- BALCONY, PLANTER BOX, AND ROOF DRAINAGE AT CC STAGE

PIT SCHEDULE

PIT ID	PIT TYPE	COVER LEVEL (mAHD)	PIT IL (mAHD)	DEPTH TO IL (m)
A01	900x900 GSIP CLASS B GRATE	28.74	27.52	1.22
A02*	600x600 GSIP CLASS B GRATE	28.50	27.90	0.60
A03*	900x900 GSIP CLASS B GRATE	29.75	28.39	1.36
A04*	900x900 GSIP CLASS B GRATE	30.70	29.34	1.36
A05	600x600 GSIP CLASS B GRATE	31.50	30.80	0.70
A06	600x600 GSIP CLASS B GRATE	32.10	31.50	0.60
A07	600x600 GSIP CLASS B GRATE	30.60	29.92	0.68
A08	600x600 GSIP CLASS B GRATE	30.25	29.57	0.68
A09	450x450 GSIP CLASS B GRATE	30.05	29.60	0.45

* DENOTES PIT WITH OCEAN GUARD

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Architect
KENNEDY ASSOCIATES ARCHITECTS
3/1 BOOTH ST, ANNANDALE NSW 2038

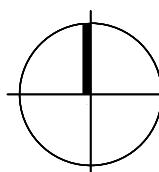
Client
LAND & HOUSING CORPORATION



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Project
APARTMENT BUILDING
69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST

Sheet Subject
STORMWATER MANAGEMENT PLAN - GROUND

Scale at A1	Drawn	Approved
1:200	WC	EL
Job No	Drawing No	Revision
221001	C102	F

STORMWATER MANAGEMENT PLAN - GROUND
SCALE 1:200



STORMWATER CATCHMENT PLAN
SCALE 1:200

PRINTING NOTE:
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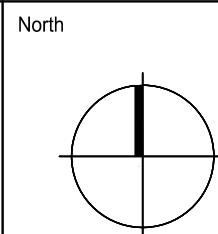
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Architect
KENNEDY ASSOCIATES ARCHITECTS
3/1 BOOTH ST, ANNANDALE NSW 2038

Client
LAND & HOUSING CORPORATION

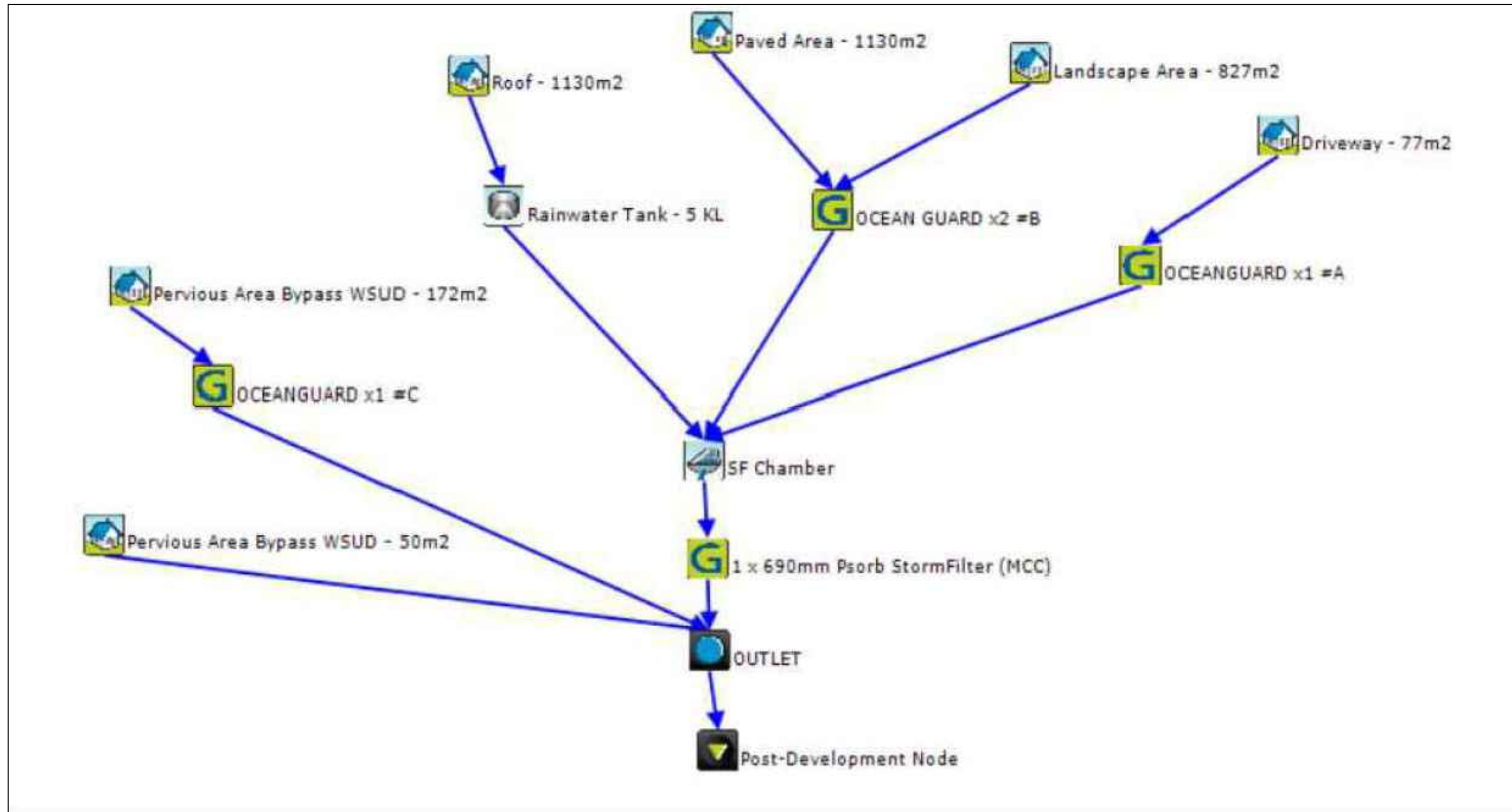


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Project
APARTMENT BUILDING
69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST
Sheet Subject
CATCHMENT PLAN & MUSIC MODELLING OUTPUTS

Scale at A1 1:200	Drawn WC	Approved EL
Job No 221001	Drawing No C201	Revision F



MUSIC MODEL LAYOUT
SCALE NTS

	Sources	Residual Load	% Reduction
Flow (ML/yr)	0.9885	0.7618	22.93
Total Suspended Solids (kg/yr)	69.48	13.81	80.13
Total Phosphorus (kg/yr)	0.217	0.06481	70.13
Total Nitrogen (kg/yr)	2.341	1.058	54.8
Gross Pollutants (kg/yr)	29.27	0	100

MUSIC MODEL RESULT
SCALE NTS

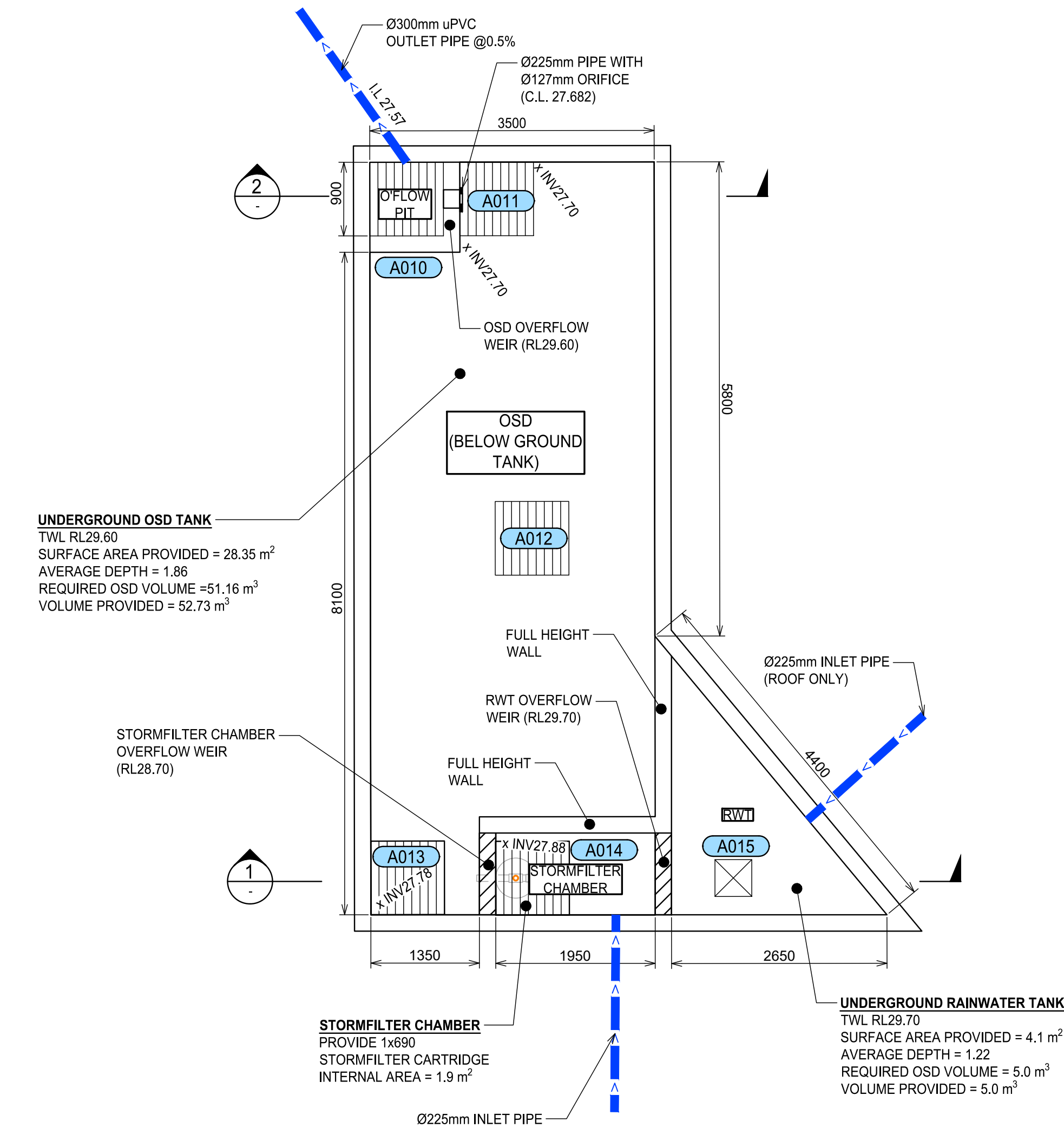
LEGEND

- SITE BOUNDARY
- SITE AREA = 2564 m²
- NEW ROOF AREA DRAINING TO OCEAN GUARD, WSUD AND OSD = 1130 m²
- IMPERVIOUS AREA DRAINING TO OCEAN GUARD, WSUD AND OSD = 296 m²
- PERVIOUS AREA DRAINING TO OCEAN GUARD, WSUD AND OSD = 827 m²
- DRIVEWAY TO WSUD AND OSD = 77 m²
- PERVIOUS AREA TO OCEAN GUARD BUT BYPASSING WSUD AND OSD = 172 m²
- PERVIOUS AREA BYPASSING OCEAN GUARD, WSUD AND OSD = 50 m²
- IMPERVIOUS AREA DRAINING TO OCEAN GUARD, BUT BYPASSING WSUD AND OSD = 12 m²

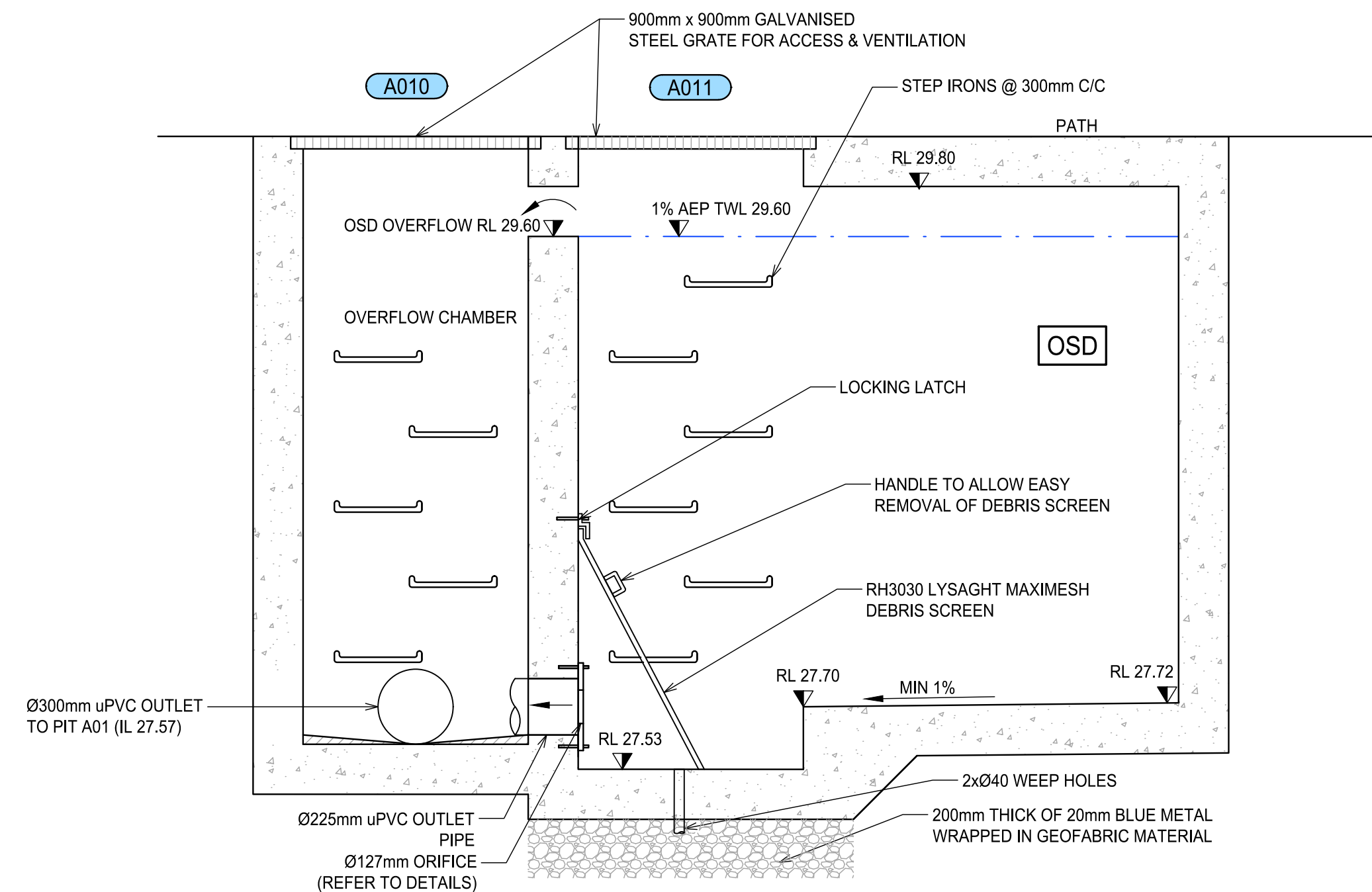
NOTES:

- POST-DEVELOPMENT WATER QUALITY TARGET ARE TO ACHIEVE 80% TSS 40% TP 40% TN.

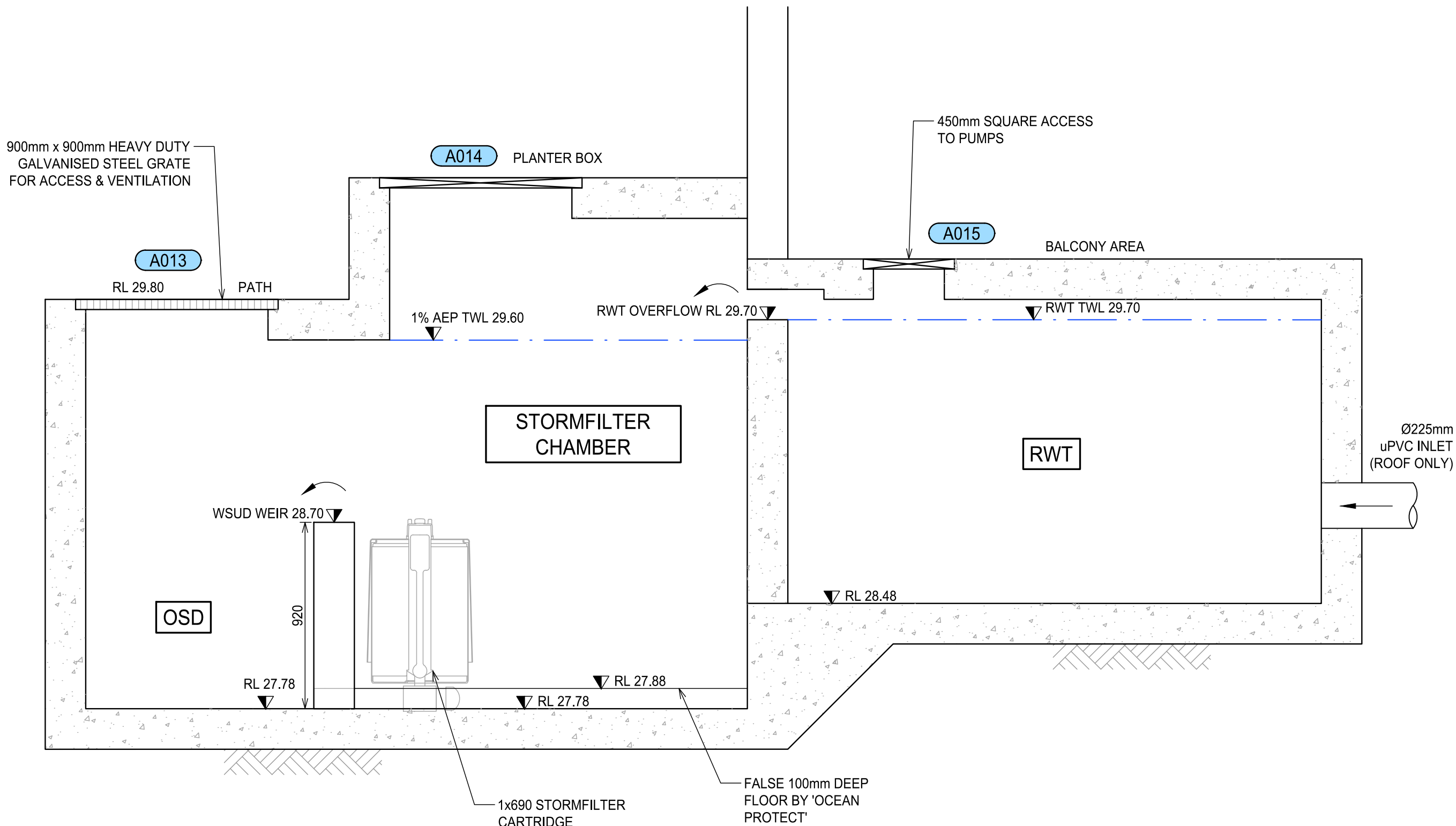
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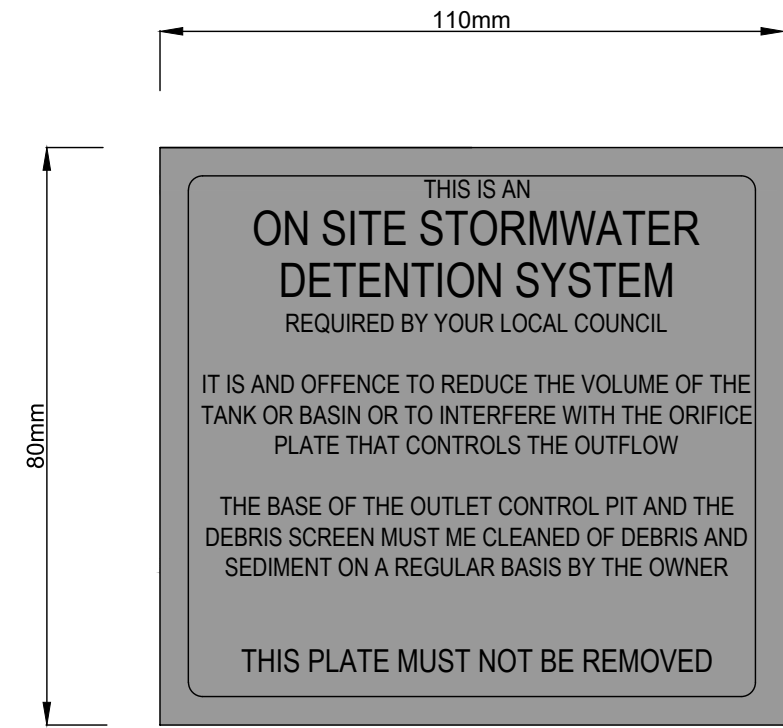
COMBINED BELOWGROUND
OSD/STORMFILTER/RWT TANK BASE PLAN
SCALE 1:50



SECTION 2
SCALE 1:20



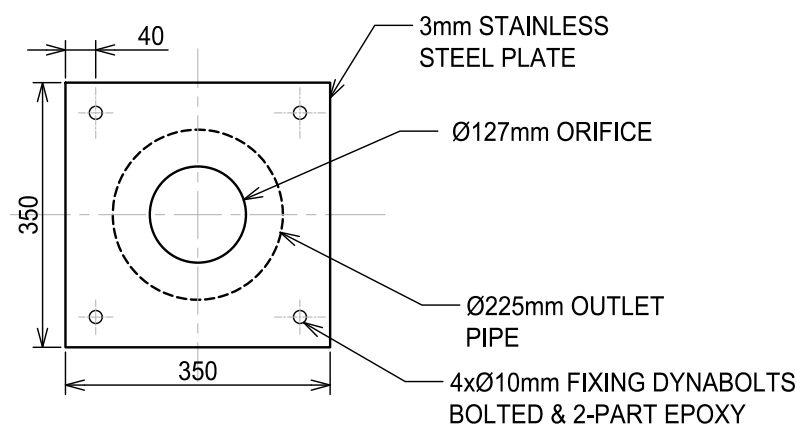
SECTION 1
SCALE 1:20



CORNERS: SQUARE
COLOUR: ETCHED AND FILLED BLACK LEGEND ON NATURAL SILVER BACKGROUND
MATERIAL: ALUMINIUM 0.9mm MILL

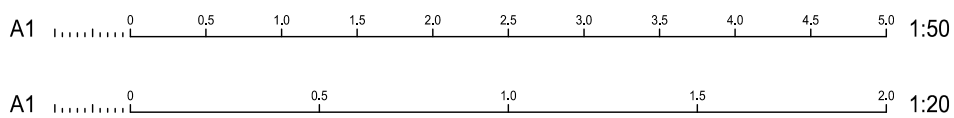
OSD PLAQUE
NTS

OSD DESIGN SUMMARY			
LGA:	GEORGES RIVER COUNCIL		
RELEVANT CODE:	GEORGES RIVER COUNCIL STORMWATER POLICY SECTION 4		
SITE AREA	2564 m ²		
1. SITE IMPERMEABLE CALCULATION			
	AREA(m ²)	IMPERMEABLE FACTOR	IMPERVIOUS AREA (m ²)
ROOF	1130	1	1130
IMPERVIOUS AREA	308	1	308
DRIVEWAY	76	1	76
TOTAL IMPERMEABLE AREA = 1514 m ² (59%)			
OSD IS REQUIRED WHERE TOTAL IMPERMEABLE AREA IS GRATER THAN 55% IF SITE AREA.			
2. AREA DRAINING TO OSD			
PERVIOUS AREA	827 m ²		
IMPERVIOUS AREA	296 m ²		
ROOF AREA	1130 m ²		
DRIVEWAY AREA	77 m ²		
TOTAL AREA DRAINING TO OSD =	2330 m ² (90.9%)		
3. BYPASS AREA FROM OSD			
PERVIOUS AREA	222 m ²		
IMPERVIOUS AREA	12 m ²		
TOTAL BYPASSING AREA (MUST LESS THAN 20%) =	234 m ² (9.1%)		
VOLUME AND DISCHARGE FLOW IS IN ACCORDANCE WITH STORMWATER MANAGEMENT POLICY 2021, SECTION 4.6			
SITE IMPERVIOUS AREA PERCENTAGE = 59% (55% TO LESS THAN 65%, THE PAS AND SSR			
PSD =	182L/s/ha		
SSR =	206m ³ /ha		
VOLUME REQUIRED = 206 x (2564 / 10000)	= 52.82m ³		
PSD REQUIRED = 182 x (2564 / 10000)	= 46.66 L/S		
SECTION 4.7. 'RAINWATER TANK OFFSET'			
"ONE THIRD OF THE PROVIDED RAINWATER TANK STORAGE CAN BE USED TO OFFSET THE OSD UP TO THIS MAXIMUM 20% LIMIT."			
RWT VOLUME PROVIDED = 5.0m ³			
OSD VOLUME AFTER OFFSET= 52.82 - (5 x 1 / 3) = 52.82 - 1.66 = 51.16m ³			
SECTION 4.13 'DROWNED ORIFICES'			
FOR BELOW-GROUND OSD TANS, IT IS PROPOSED TO HAVE A DROWNED ORIFICE, IT WILL BE REQUIRED THAT NO MORE THAN 30% OF THE OSD STORAGE VOLUME IS BELOW THE HGL AT THE DISCHARGE POINT.			
H.G.L WILL BE DETERMINED AS 300mm ABOVE THE OBVERT LEVEL OF COUNCIL PIPE IF DISCHARGE TO COUNCIL PIT / PIPE SYSTEM.			
THEREFORE, H.G.L AT DISCHARGE POINT = EXISTING COUNCIL PIT OBVERT RL27.78 + 0.3m = RL28.08			
HENCE, NO MORE THAN 30% OF THE OSD STORAGE VOLUME IS BELOW RL28.08			
THEREFORE,			
FINAL OSD VOLUME REQUIRED = 51.16m ³ , FINAL PSD = 46.66 L/s, AND			
NO MORE THAN 30% OF THE OSD STORAGE VOLUME IS BELOW RL28.08.			



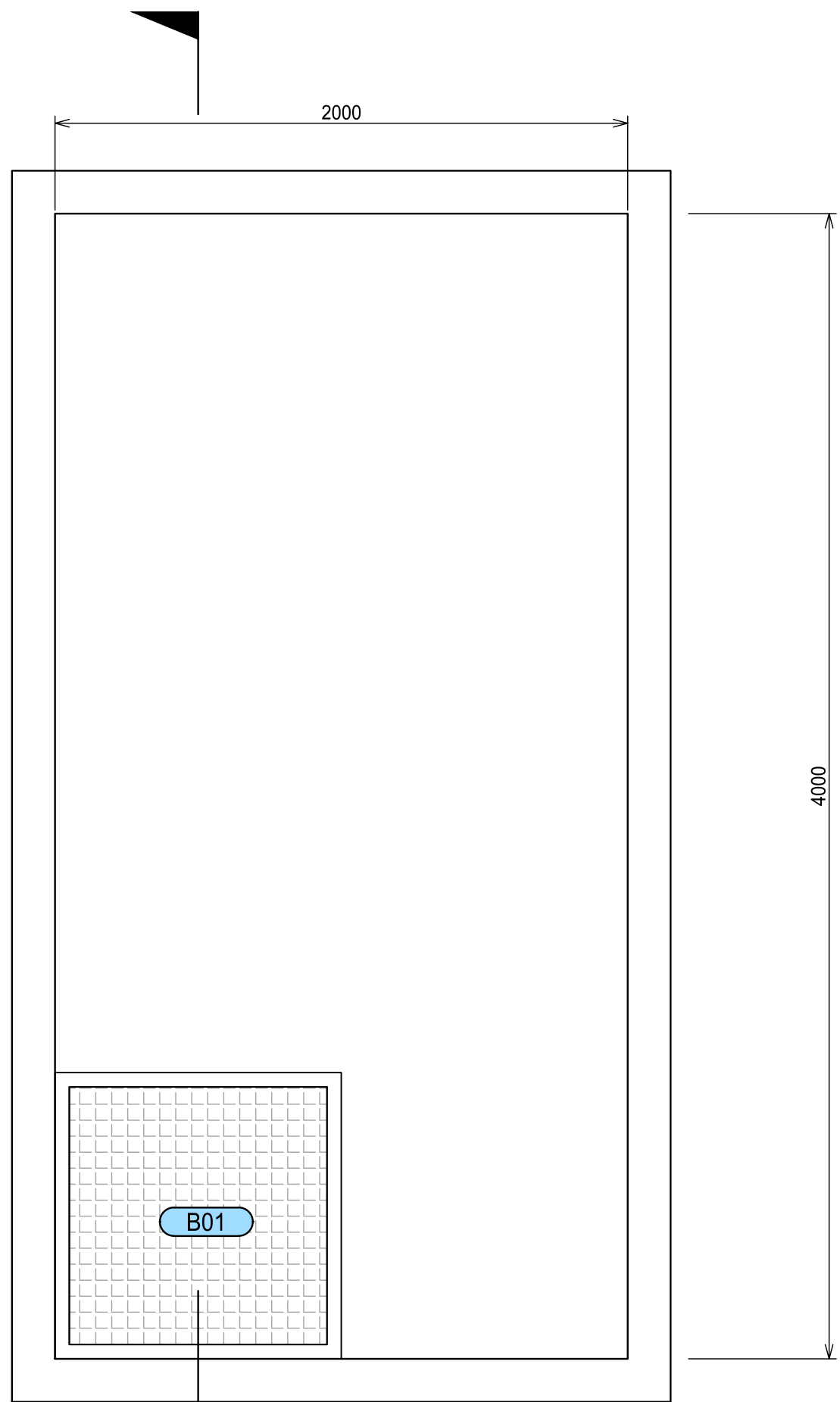
ORIFICE PLATE DETAIL
SCALE 1:10

Discharge Orifice Design $Q(m^3/s) = C_d A_o (2gh)^{1/2}$			$C_d = 0.6$ (Assumed)
			A_o = area of orifice
			h = head to centre of orifice
Head to orifice centre = 1.9175 m			
PSD = 46.66 L/s			
Area of orifice = 0.013 m ²			
Diameter of orifice = 127.1 mm diameter			
Area of plate = 0.063 m ²			5 times area of orifice
Each side (minimum) = 0.252 m			
Dimension of Orifice Plate = 252 mm (min. Adopt 200mm x 200mm square plate)			



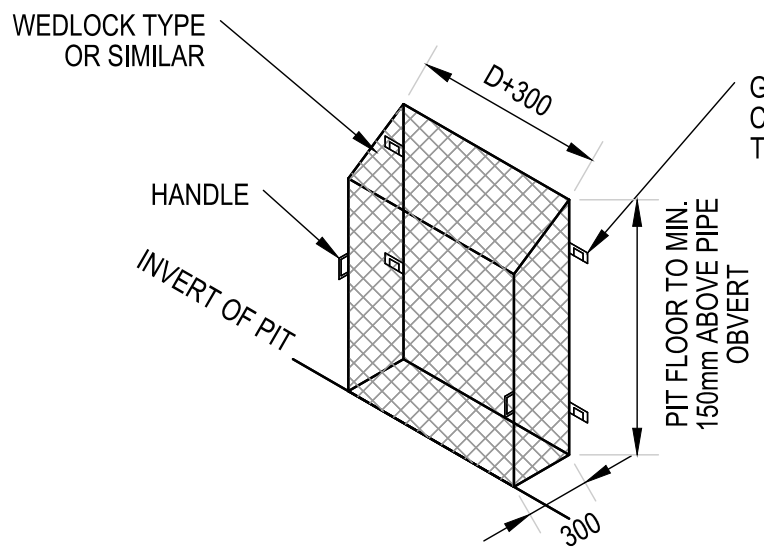
					Architect		Client		XAVIER KNIGHT		North		Project		Scale at A1		Drawn		Approved	
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D ISSUE FOR DA							3/1 BOOTH ST, ANNANDALE NSW 2038						Sheet Subject STORMWATER DETAILS - SHEET 1		Job No		Drawing No		Revision	
C ISSUE FOR INFORMATION					WC	WC									221001		C301		E	
B ISSUE FOR INFORMATION					WC	WC														
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Rev Description					Eng	Draft	Date													

FOR APPROVAL

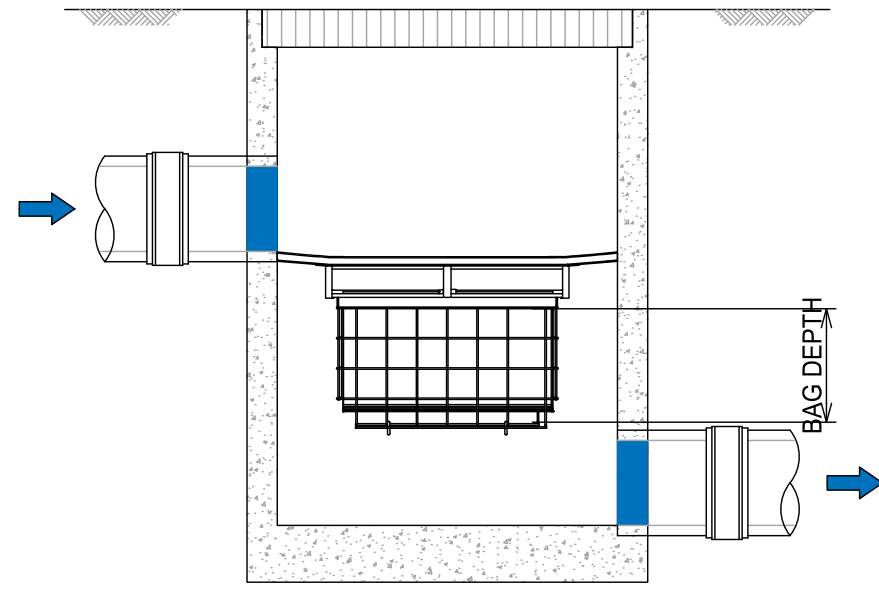


PUMP-OUT PIT "PLAN"
SCALE 1:20

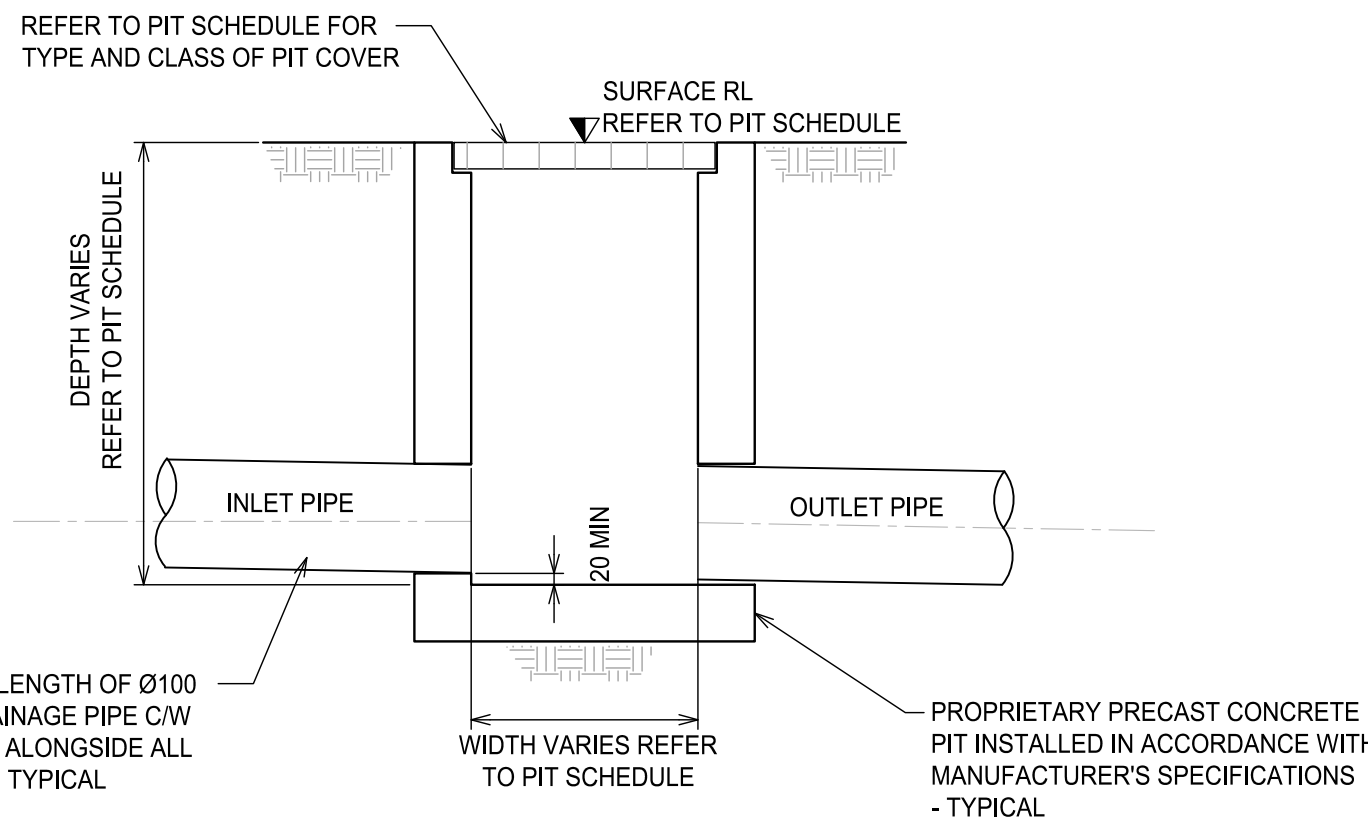
PUMP-OUT PIT
TWL 25.75
INTERNAL AREA = 8.0 m²
AVERAGE DEPTH = 1.2m
VOLUME PROVIDED = 9.6 m³
VOLUME REQUIRED = 9.17 m³
PUMP DUTY: 10L/s EACH @ 5.1m HEAD



SCREEN MESH DETAILS
NTS



PIT WITH OCEAN GUARD
CONFIGURATION
SCALE 1:20

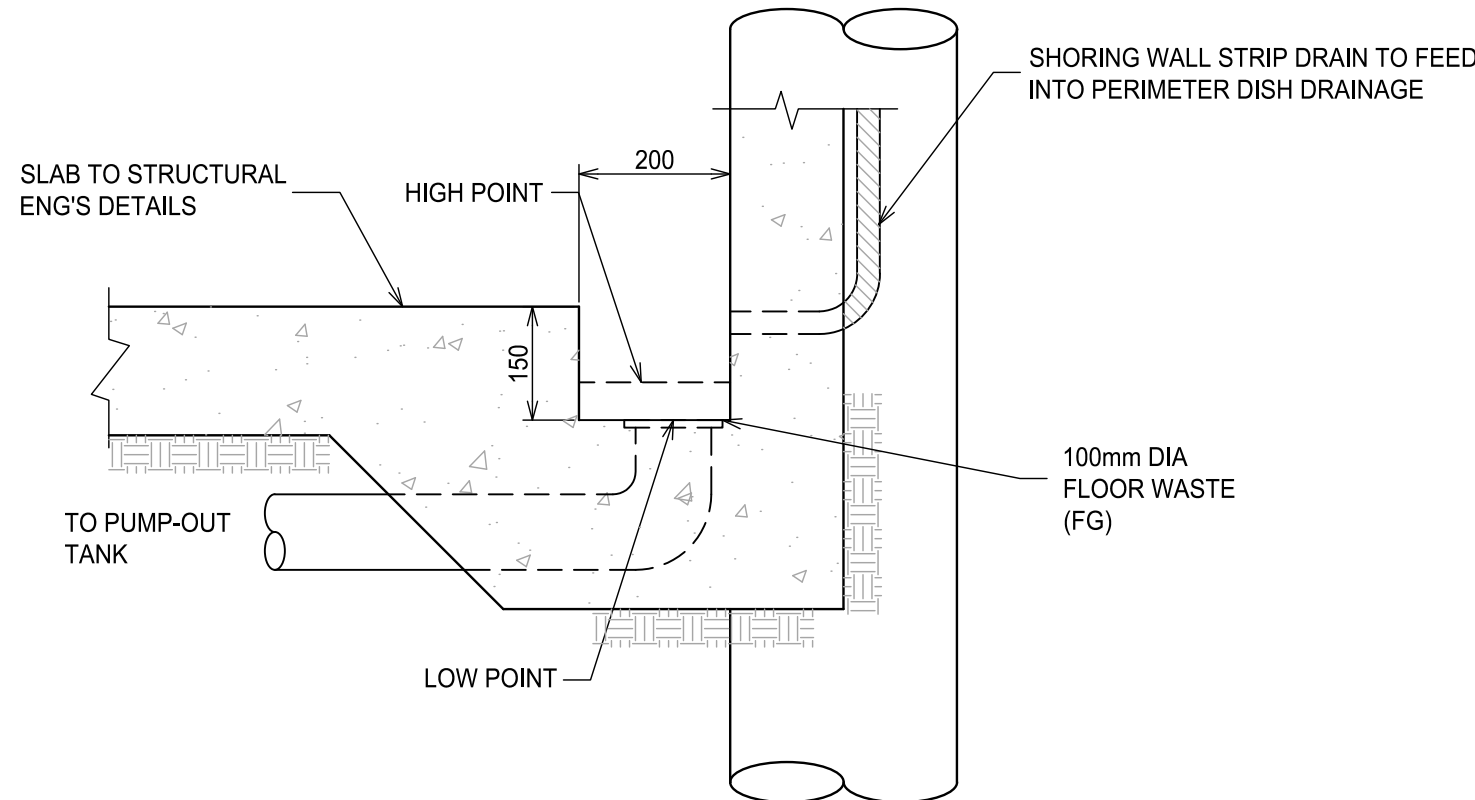


STORMWATER DRAINAGE PIT
- PRECAST PIT
SCALE 1:20

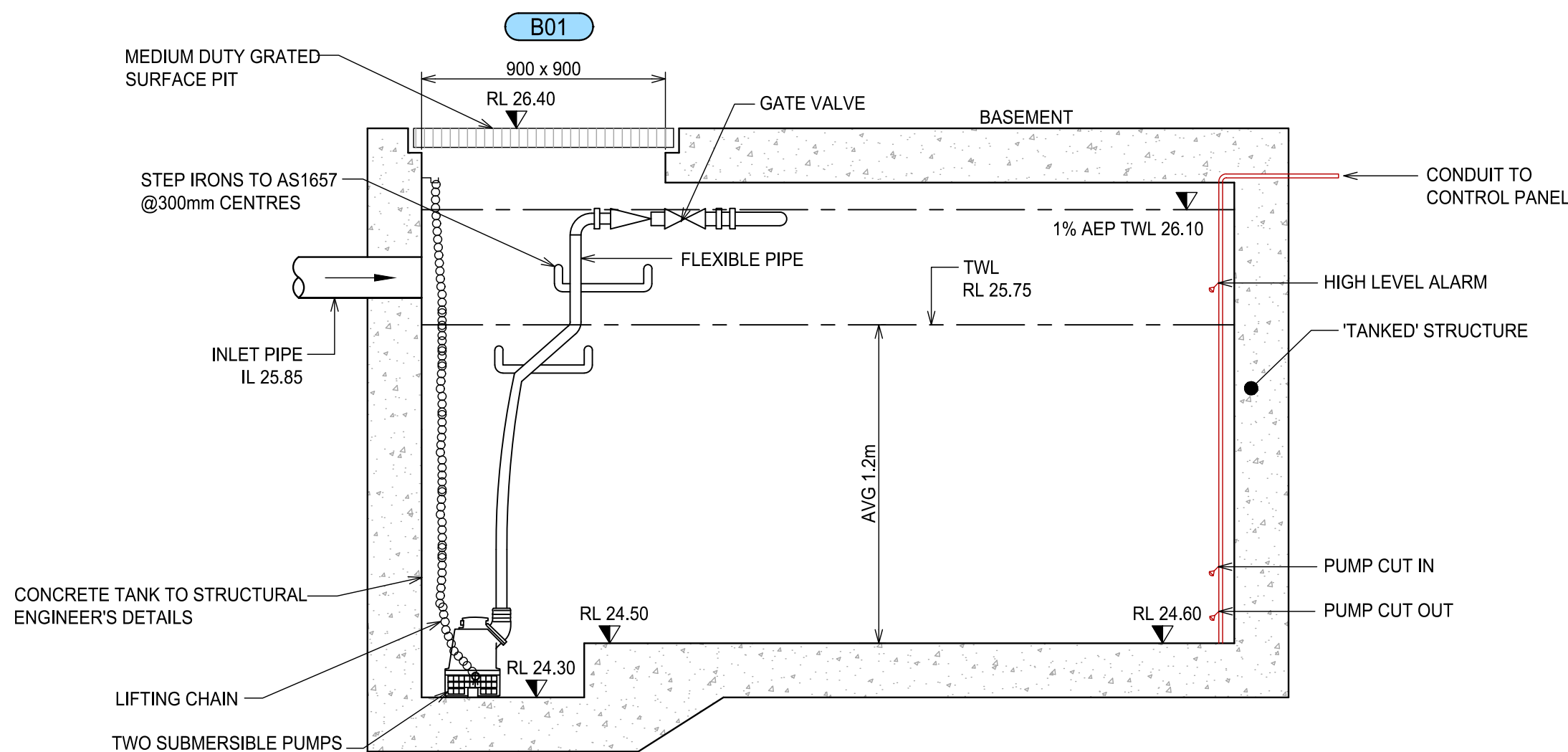


CONFINED SPACE DANGER SIGN

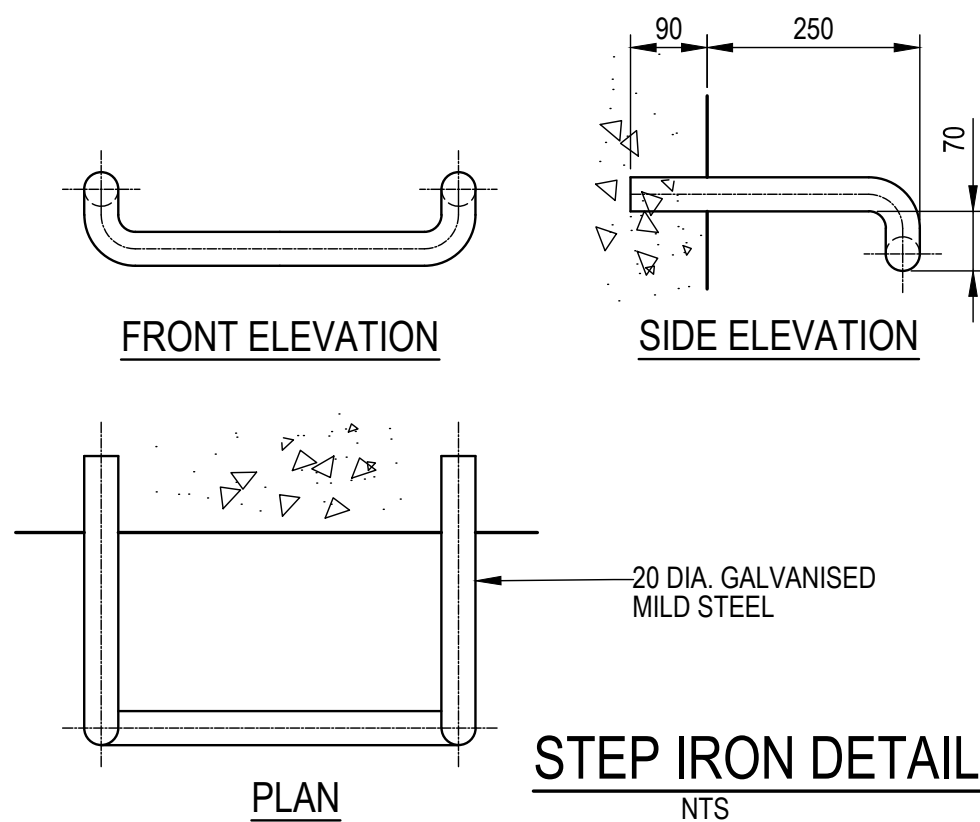
- COLOURS:- "DANGER" AND BACKGROUND - WHITE
ELLIPTICAL AREA - WHITE
RECTANGLE CONTAINING ELLIPSE - RED
OTHER LETTERING AND BORDER - BLACK
- A) A CONFINED SPACE DANGER SIGN SHALL BE POSITIONED AT ALL ACCESS POINTS, SUCH THAT IT IS CLEARLY VISIBLE TO PERSONS PROPOSING TO ENTER THE BELOW GROUND TANKS CONFINED SPACE.
- B) MINIMUM DIMENSIONS OF THE SIGN
- 300mm x 450mm (LARGE ENTRIES, SUCH AS DOORS)
- 250mm x 180mm (SMALL ENTRIES SUCH AS GRATES AND MANHOLES)
- C) THE SIGN SHALL BE MANUFACTURED FROM COLOUR BONDED ALUMINIUM OR POLYPROPYLENE.
- D) SIGN SHALL BE AFFIXED USING SCREWS AT EACH CORNER OF THE SIGN.



BASEMENT PERIMETER DRAIN DETAIL
SCALE 1:10

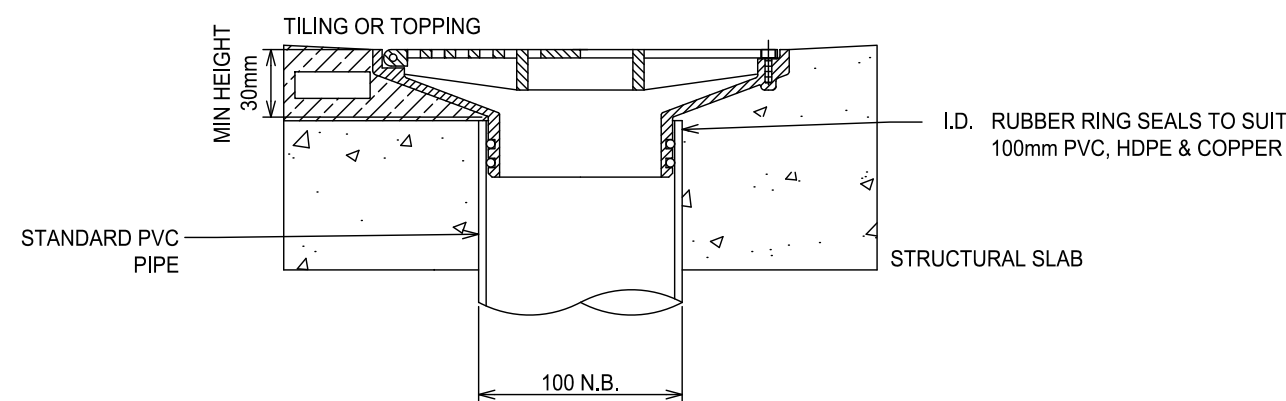
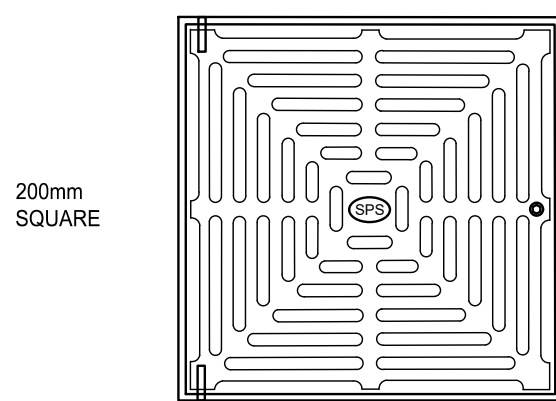


PUMP-OUT PIT 'SECTION 3'
NTS



STEP IRON DETAIL
NTS

SPS 200mm SQUARE PUSH-IN FLOOR DRAIN
100mm OUTLET
SPECIFICATION CODE:
Q200SR (SATIN 316 STAINLESS STEEL)
Q200SR4 (POLISHED 304 STAINLESS STEEL)



FLOOR WASTE (SPS) - FW
NTS

A1 0.5 1.0 1.5 2.0 1:20

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E	ISSUE FOR DA	EL	EL	06.09.2024
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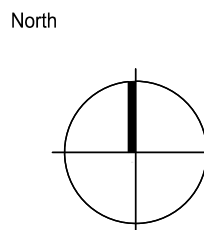
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Project
APARTMENT BUILDING
69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST

Sheet Subject
STORMWATER DETAILS - SHEET 2

FOR APPROVAL

Scale at A1	Drawn	Approved
AS SHOWN	WC	EL
Job No	Drawing No	Revision
221001	C302	E



LEGEND	
	SITE BOUNDARY
	EXISTING STRUCTURES TO BE DEMOLISHED
	SEDIMENT FENCE
	TEMPORARY CATCH DRAIN
	TEMPORARY DRAINAGE PIPE
	SAND BAG
	FLOW DIRECTION
	EXISTING SEWER LINE
	EXISTING OVERHEAD POWER LINE
	EXISTING WATER MAIN
	EXISTING TELECOMMUNICATION LINE
	EXISTING GAS MAIN
	EXISTING ELECTRICAL MAIN
	ROCK CHECK DAM
	PROPOSED STOCKPILE LOCATION WITH SEDIMENT FENCE
	SEDIMENT BASIN
	STABILISED SITE ACCESS
	EXISTING TREE TO BE REMOVED
	TREE PROTECTION ZONE

SEDIMENT BASIN CALCULATION

SOIL TYPE: TYPE D OR F (ASSUMED)

RAINFALL DEPTH = 62.4 mm (2-YR ARI, 6 HR EVENT)
CV = 0.79 (TABLE F2)

A = 0.2564 Ha
 $R_{75\%,5DAY} = 23.4$ mm [TABLE 6.3A]

SETTLING ZONE = $10 \times CV \times A \times R = 47.4$ m³

SEDIMENT STORAGE ZONE = 23.7 m³ (50 PERCENT OF SETTLING ZONE CAPACITY)

TOTAL SEDIMENT BASIN VOLUME = 71.1 m³

RUSLE CALCULATION NOTE:

REVISED UNIVERSAL SOIL LOSS EQUATION:

$A = R * K * LS * P * C$ (t/Ha/yr)

$R = 164.74 (1.1177)^S * S^{0.6444}$

WHERE S = 10.4 mm/h

R = 2370

K = 0.08 (ASSUMED)

LS = 1.68 (BASED ON 6% SLOPE FOR 100m)

P = 1.3

C = 1.0

A = 414 t/Ha/yr

SITE AREA = 0.2564 Ha

SOIL LOSS = 414 t/Ha/yr < 500 t/Ha/yr

HENCE, PER TABLE 4.2 OF LANDCOM BLUE BOOK,
EROSION HAZARD = MODERATE HAZARD

PRINTING NOTE:
THIS DRAWING TO BE PRINTED IN COLOUR.

A1 0 2 4 6 8 10 12 14 16 18 20 1:200

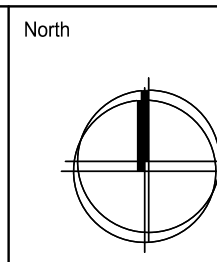
Architect			
KENNEDY ASSOCIATES ARCHITECTS			
3/1 BOOTH ST, ANNANDALE NSW 2038			
Client			
LAND & HOUSING CORPORATION			
Rev			
Description	Eng	Draft	Date
E	ISSUE FOR DA	EL	06.09.2024
D	ISSUE FOR DA	WC	02.09.2024
C	ISSUE FOR INFORMATION	WC	21.08.2024
B	ISSUE FOR INFORMATION	WC	24.07.2024
A	ISSUE FOR INFORMATION	NV	26.02.2024

Client
LAND & HOUSING CORPORATION



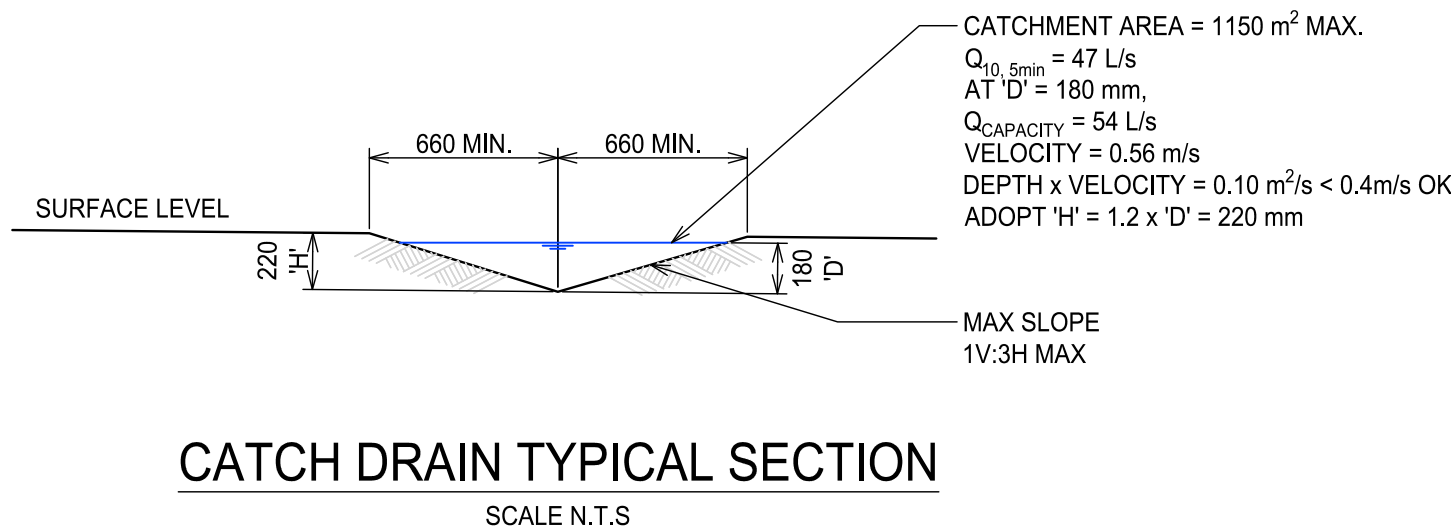
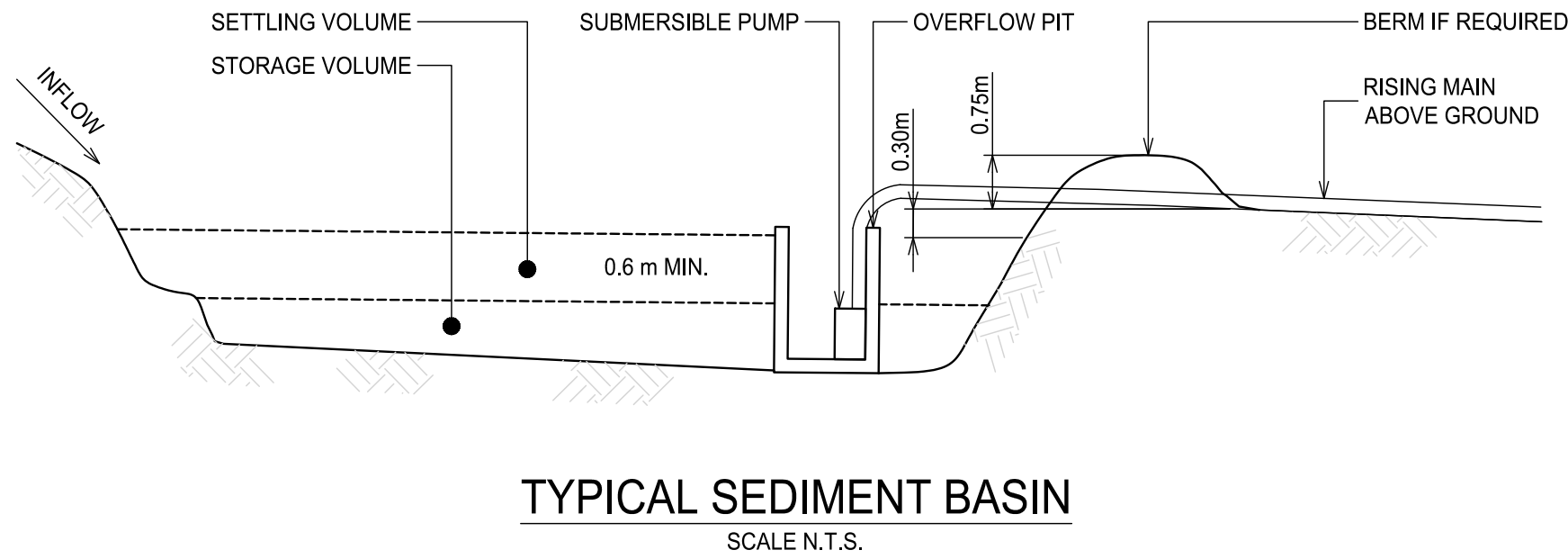
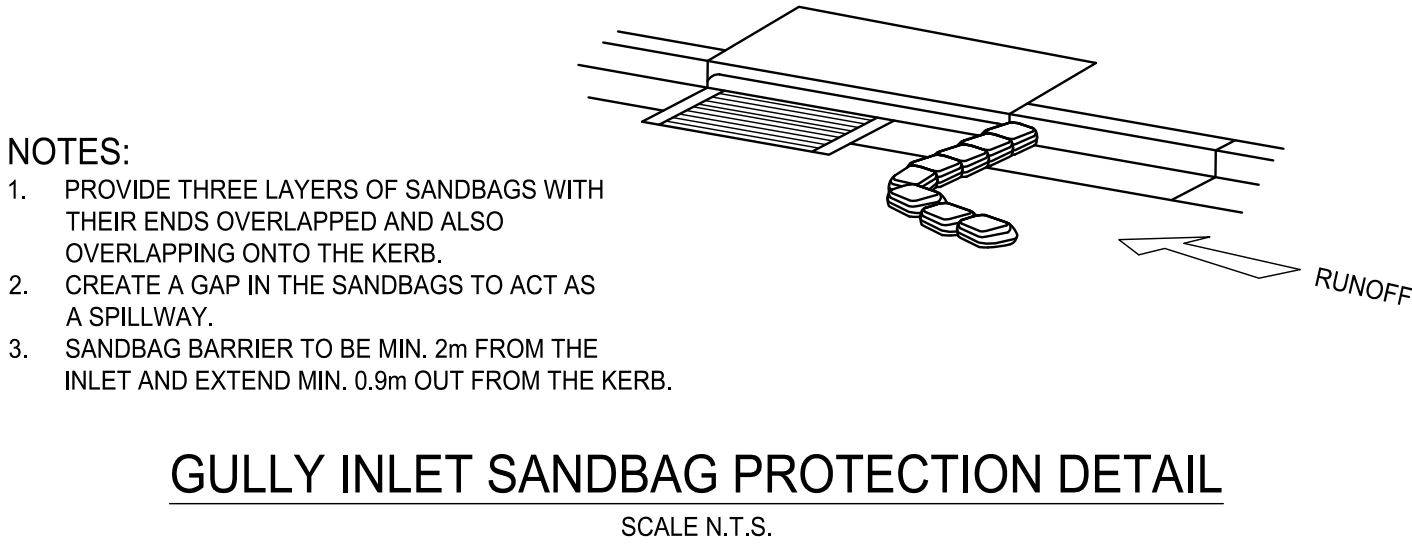
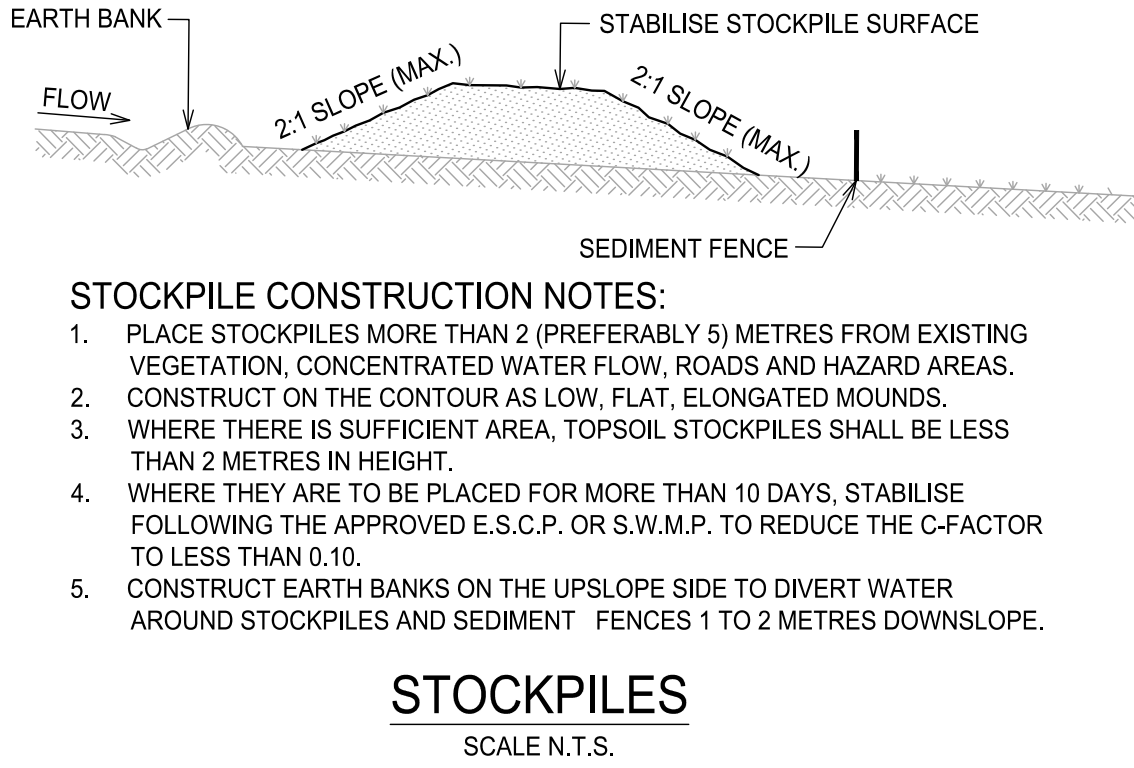
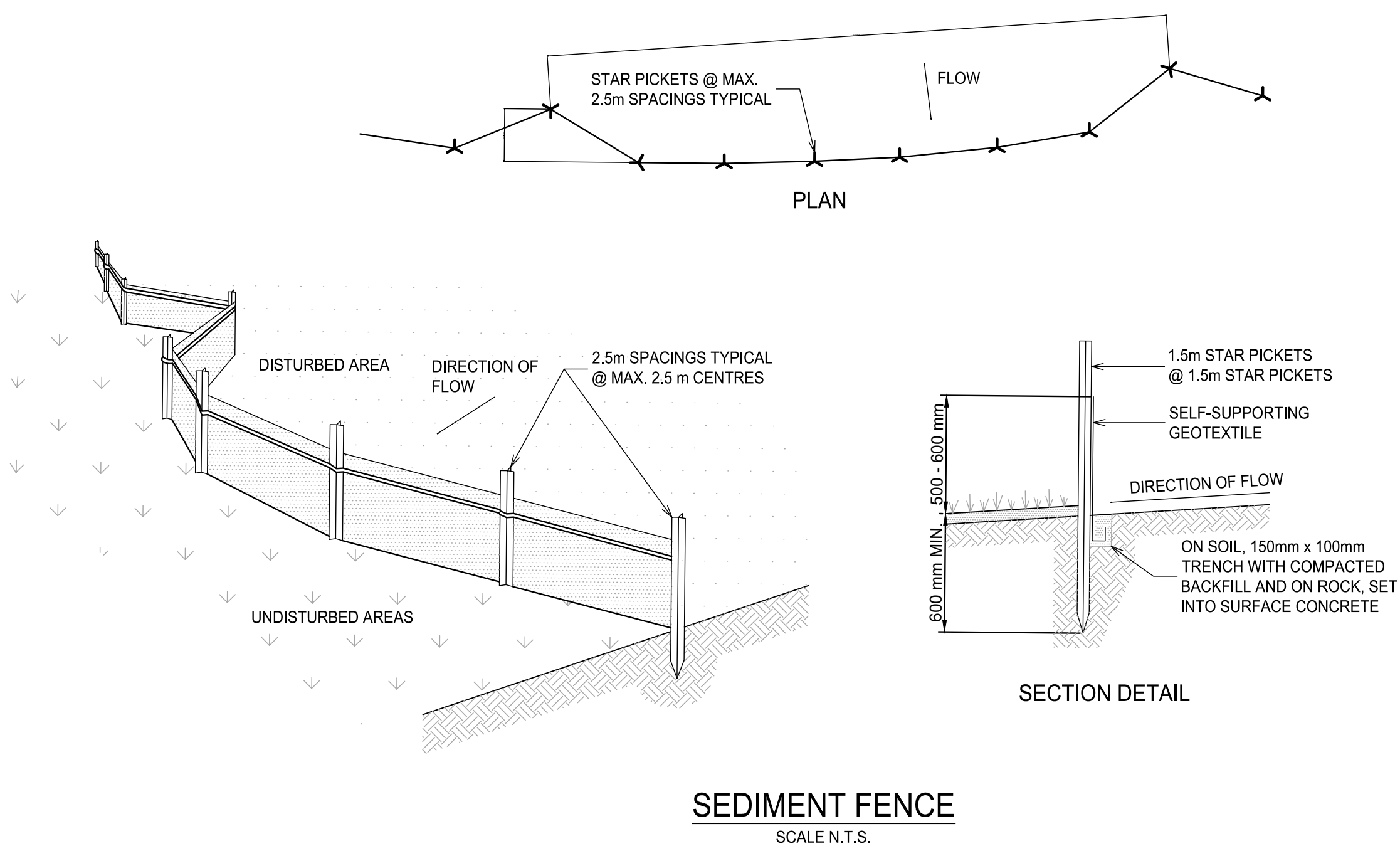
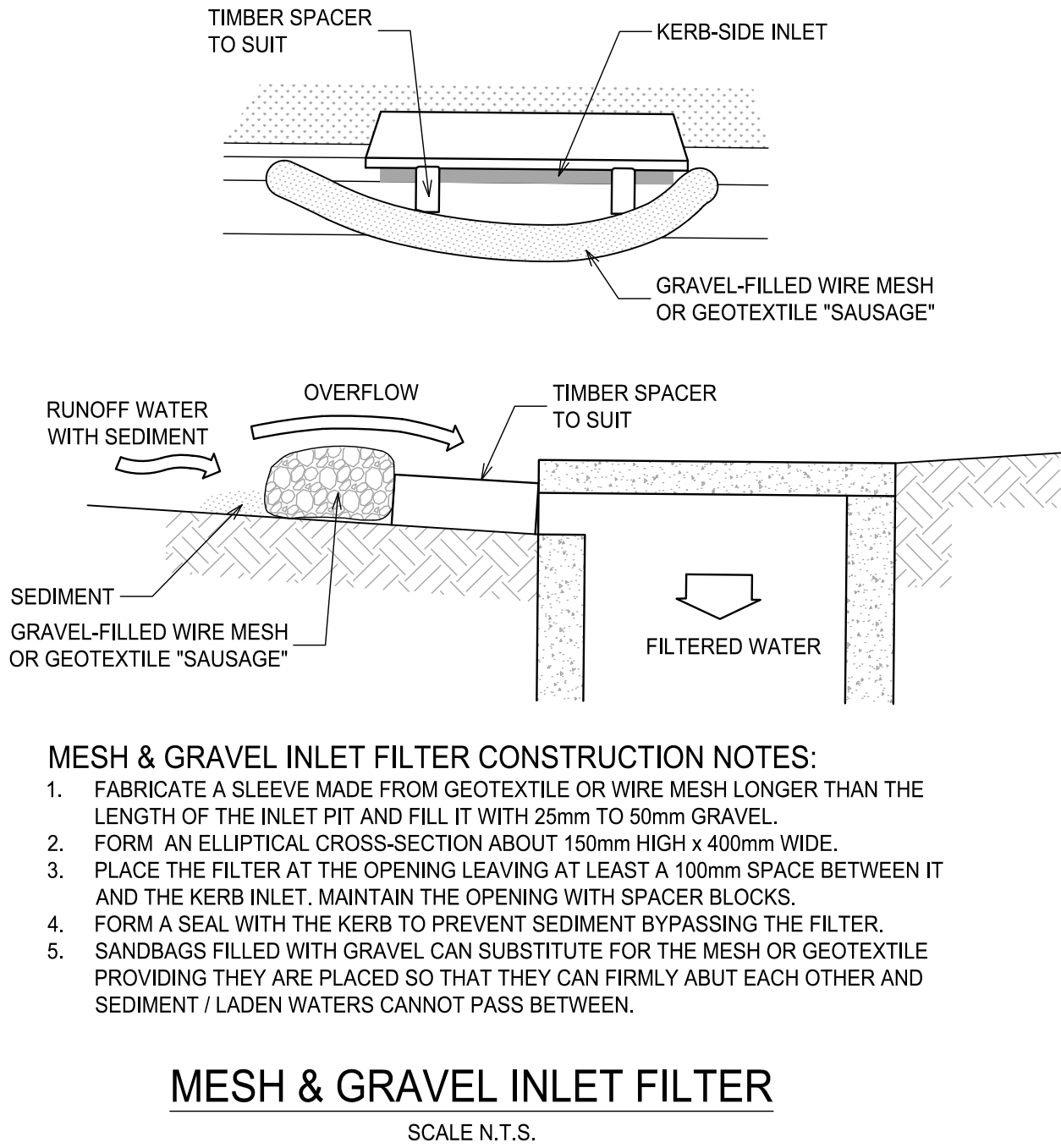
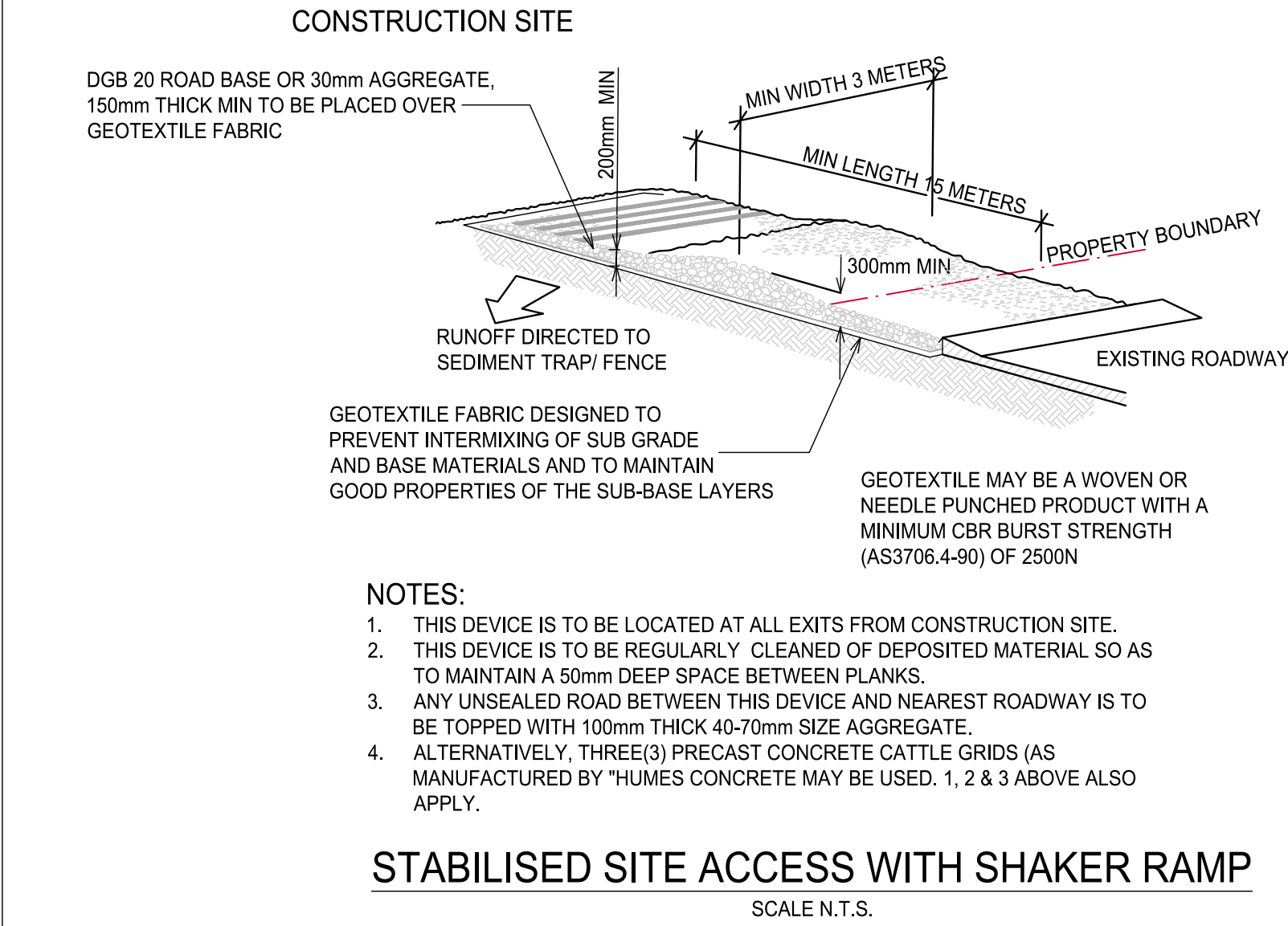
T : 02 8810 5800 E : info@xavierknight.com.au
A : Level 7, 210 Clarence Street, Sydney NSW 2000
xavierknight.com.au

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Project
APARTMENT BUILDING
69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST
Sheet Subject
SOIL AND WATER MANAGEMENT PLAN

Scale at A1	Drawn	Approved
1:200	WC	EL
Job No	Drawing No	Revision
221001	C401	E



SEDIMENT FENCE CONSTRUCTION NOTES:

- CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
- CUT A 150 mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
- DRIVE 1.5 m LONG STAR PICKETS INTO GROUND @ 2.5 m INTERVALS (MAX.) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
- FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
- JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150 mm OVERLAP.
- BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.

GENERAL INSTRUCTIONS:

- THIS SEDIMENT AND EROSION CONTROL WORKS FOR THE SITE SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION, 4TH EDITION (2004)" BY LANDCOM.
- AS REQUIRED BY COUNCIL, SEDIMENT CONTROL MEASURES WILL BE REQUIRED DURING THE CONSTRUCTION OF ALL DEVELOPMENTS/BUILDING WORKS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY THAT THE WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE SEDIMENT AND EROSION CONTROL PLAN AND COUNCIL'S REQUIREMENTS.
- THE CONTRACTOR SHALL ENSURE THAT ALL SUBCONTRACTORS ARE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE AREAS.
- THE NON-DISTURBED PORTION OF THE CATCHMENT OUTSIDE OF OPERATING AREA IS TO BYPASS THE BASINS BY MEANS OF LINED CATCH DRAINS.
- WHERE PRACTICABLE, THE SOIL EROSION HAZARD SHALL BE KEPT AS LOW AS POSSIBLE. LIMITATIONS TO ACCESS ARE TO BE VIA STANLEY LANE UNLESS OTHERWISE APPROVED BY COUNCIL.
- ENSURE THAT ALL DRAINS ARE OPERATING EFFECTIVELY AND SHALL MAKE ANY NECESSARY REPAIRS. REMOVE TRAPPED SEDIMENT WHERE THE CAPACITY OF THE TRAPPING DEVICE FALLS BELOW 60%.
- CONSTRUCT ADDITIONAL EROSION OR SEDIMENT CONTROL WORKS AS MAY BE APPROPRIATE TO ENSURE THE PROTECTION OF DOWNSLOPE LANDS AND WATERWAYS.
- MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES IN A FULLY FUNCTIONING CONDITION AT ALL TIMES UNTIL THE SITE IS REHABILITATED.
- REMOVE TEMPORARY SOIL CONSERVATION STRUCTURES AS THE LAST ACTIVITY IN THE REHABILITATION PROGRAM.

CONSTRUCTION SEQUENCE:

WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:

- INSTALL SEDIMENT FENCING AND CUT DRAINS TO MEET THE REQUIREMENTS OF THE SEDIMENT AND EROSION CONTROL PLAN. WASTE COLLECTION BINS SHALL BE INSTALLED ADJACENT TO SITE OFFICE.
- CONSTRUCT STABILISED SITE ACCESS IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS.
- REDIRECT CLEAN WATER AROUND THE CONSTRUCTION SITE.
- INSTALL SEDIMENT CONTROL PROTECTION MEASURES AT ALL NATURAL AND MAN-MADE DRAINAGE STRUCTURES. MAINTAIN UNTIL ALL THE DISTURBED AREAS ARE STABILISED.
- CLEAR AND STRIP THE WORK AREAS. MINIMISE THE DAMAGE TO THE GRASS AND LOW GROUND COVER OF NON-DISTURBED AREAS.
- ANY DISTURBED AREAS, OTHER THAN BUILDING PAD AREAS, SHALL IMMEDIATELY BE COVERED WITH SITE TOPSOIL WITHIN 7 DAYS OF CLEARING. BUILDING PAD AREAS SHALL BE COVERED WITH BITUMEN EMULSION AS SPECIFIED.
- APPLY PERMANENT STABILISATION TO SITE (LANDSCAPING).

FOR APPROVAL

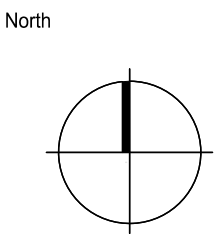
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D	ISSUE FOR DA	WC	WC	02.09.2024
C	ISSUE FOR INFORMATION	WC	WC	21.08.2024
B	ISSUE FOR INFORMATION	WC	WC	24.07.2024
A	ISSUE FOR INFORMATION	NV	NV	26.02.2024

Architect
KENNEDY ASSOCIATES ARCHITECTS
3/1 BOOTH ST, ANNANDALE NSW 2038

Client
LAND & HOUSING CORPORATION

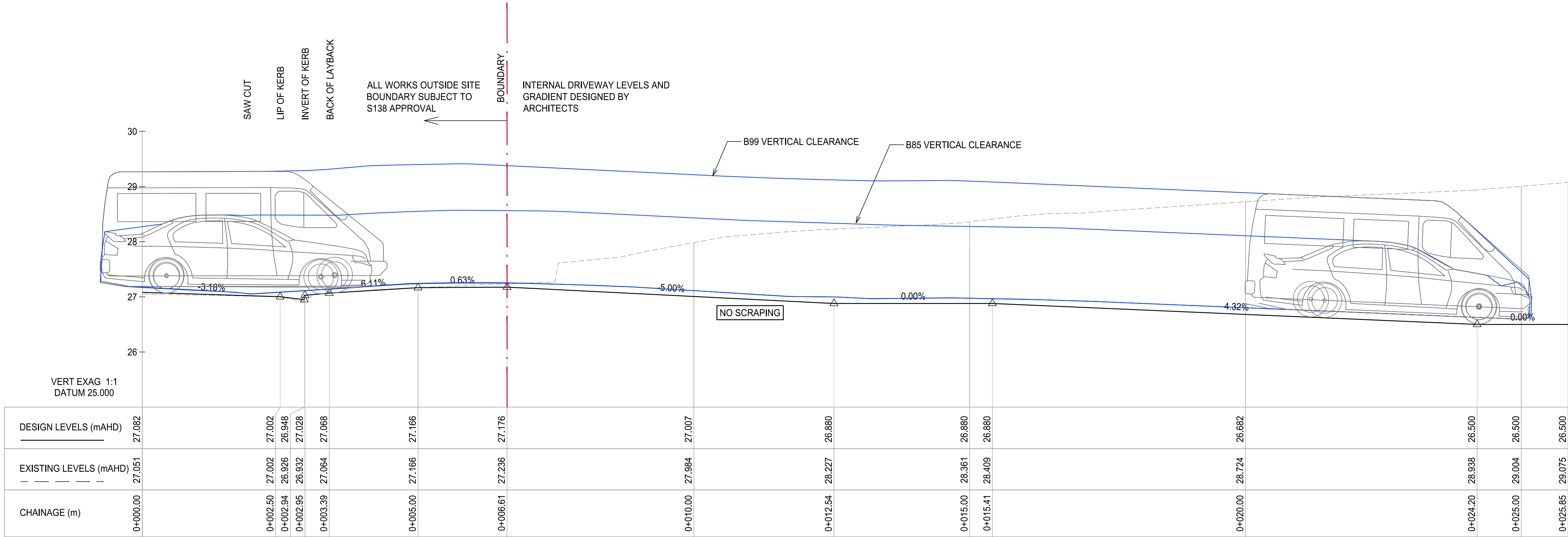


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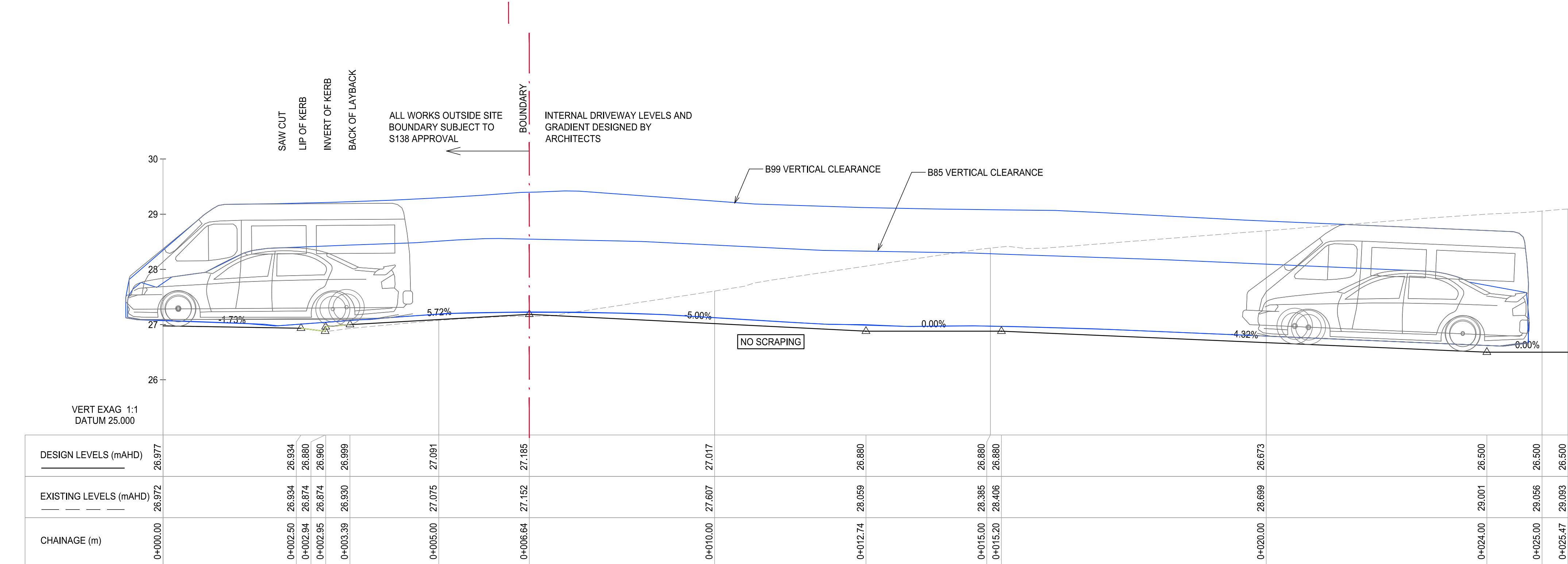


Project
APARTMENT BUILDING
69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST
Sheet Subject
SOIL AND WATER MANAGEMENT DETAILS

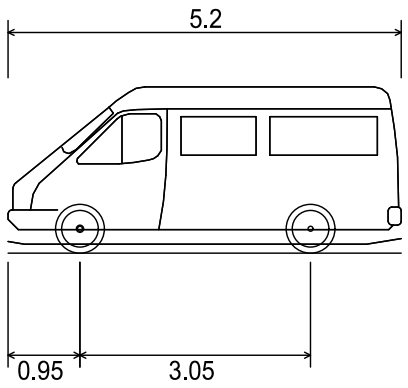
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AS SHOWN	WC	EL
Job No	Drawing No	Revision
221001	C402	E



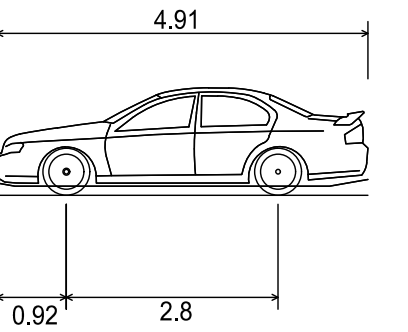
DRIVEWAY LONGITUDINAL SECTION -
ALIGNMENT 1
SCALE 1:50



DRIVEWAY LONGITUDINAL SECTION -
ALIGNMENT 2
SCALE 1:50



B99 Vert Clearance (2004)	
Overall Length	5.200m
Overall Width	1.940m
Overall Body Height	2.200m
Min Body Ground Clearance	0.120m
Track Width	1.840m
Lock-to-lock time	4.00s
Curb to Curb Turning Radius	8.000m



B85 GROUND CLEARANCE (2004)	
OVERALL LENGTH	4.910m
OVERALL WIDTH	1.870m
OVERALL BODY HEIGHT	1.421m
MIN BODY GROUND CLEARANCE	0.120m
TRACK WIDTH	1.770m
LOCK-TO-LOCK TIME	4.00s
CURB TO CURB TURNING RADIUS	8.000m

PRINTING NOTE:
THIS DRAWING TO BE PRINTED IN COLOUR.

A1 0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 1:50

Architect	KENNEDY ASSOCIATES ARCHITECTS 3/1 BOOTH ST, ANNANDALE NSW 2038		
Client	LAND & HOUSING CORPORATION		
Rev	Description	Eng	Date
B	ISSUE FOR DA	EL	09.09.2024
A	ISSUE FOR INFORMATION	NV	07.02.2024

Architect
KENNEDY ASSOCIATES ARCHITECTS
3/1 BOOTH ST, ANNANDALE NSW 2038

Client
LAND & HOUSING CORPORATION



T : 02 8810 5800 E : info@xavierknight.com.au
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North

Project
PROJECT NAME
69 TRAFALGAR ST & 2-6 GOVER ST, PEAKHURST

Sheet Subject
DRIVEWAY LONG SECTIONS

Scale at A1	Drawn	Approved
1:50	EL	EL
Job No	Drawing No	Revision
221001	C910	B

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