

100yr 2hr ARI STORM = 60.3mm/hr
ARI x 2 = 120.6mm
AREA OF DRIVEWAY
RAMP UNCOVERED = 75m²

$$\begin{aligned} V &= A \times d \\ &= 75 \times (120.6/1000) \\ &= 9.05\text{m}^3 \end{aligned}$$

THEREFORE A VOLUME OF 9.05m³
PUMP-OUT PIT WILL BE APPLIED AS PER
AUSTRALIAN STANDARD (AS 3500).

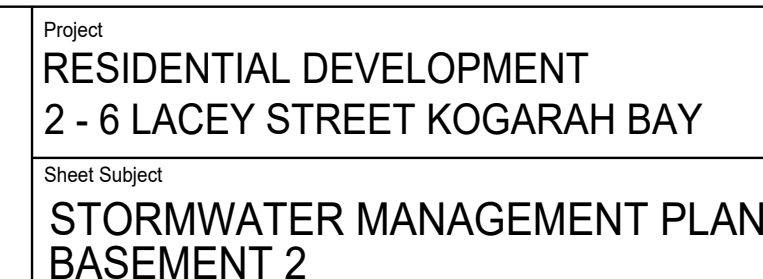
1. ALL PIPES ARE Ø100mm uPVC @ 1% U.N.O.
2. SLAB TO BE GRADED 1% TOWARDS ROWS, PITS TO MEET REQUIREMENTS OF AS2890.
3. THE GEOTECHNICAL REPORT CONDUCTED BY MORROW GEOTECHNICS DATED 09.10.2018 INDICATES THAT SEEPAGE WATER INFLOW WAS NOT OBSERVED DURING THE DRILLING OF ANY OF THE BOREHOLES AT SITE.
4. PUMP-OUT PIT TO BE INSTALLED WITH FOLLOWING ITEMS:
 - 2 x SUBMERSIBLE PUMPS WITH DUTY OF 10 ls @ 14m HEAD.
 - 900SQ HEAVY DUTY GALVANIZED STEEL GRATE AND FRAME
 - WARNING FLASH LIGHT TO PROVIDE INDICATION OF PUMP FAILURE.
 - CONFINED SPACE SIGN FOR PUBLIC AWARENESS AND WEARING.
 - STEP IRONS.
5. ALL REDUCED LEVELS ARE IN mAHD.
6. VERTICAL STRIP DRAINS SIZE ARE INDICATIVE ONLY.

	SITE BOUNDARY
	PROPOSED STORMWATER LINE
	SUBSOIL LINE
	RIISING MAIN
	VALLEY LINE
	ELECTRIC LINE
	GRATED SURFACE INLET PIT
	PIT WITH SOLID COVER
	PIT TAG/NUMBER
	DISH DRAIN OUTLET
	STORMWATER RISING MAIN
	DOWNPIPE
	ACCESS MANHOLE WITH GRATED COVER
	VERTICAL STRIP DRAINS IN BETWEEN SHORING PILES



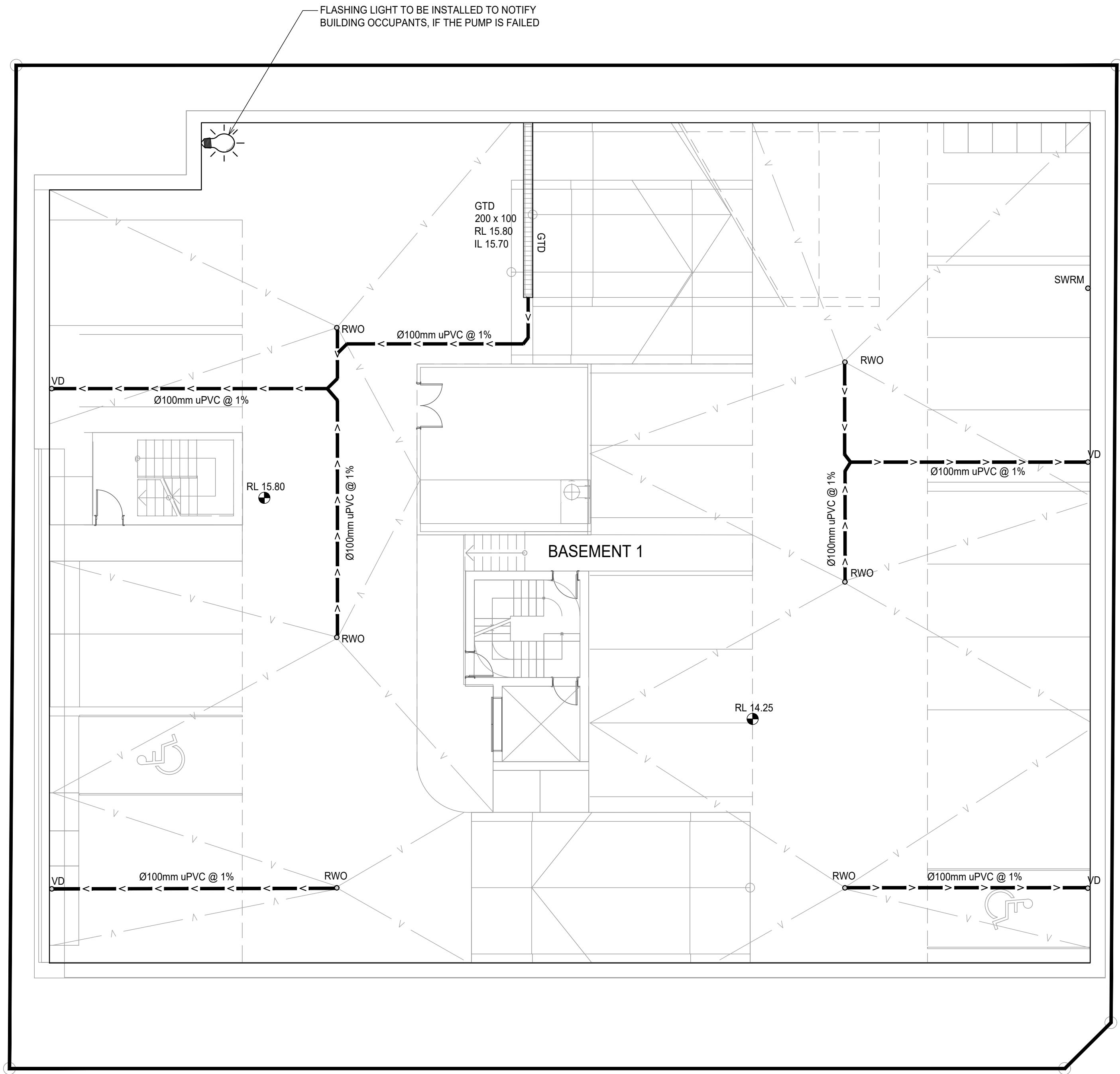
Architect
SMITH & TZANNES
M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015

Client
TRULAND DEVELOPMENT
701/70 CASTLEREAGH ST, SYDNEY NSW 2000



Scale at A1	Drawn	Approved
1:100	LN	MR
Job No	Drawing No	Revision
210219	C100	1

DEVELOPMENT APPLICATION



- NOTES:**
1. SLAB TO BE GRADED 1% TOWARDS RWO TO MEET REQUIREMENTS OF AS 2890.
 2. ALL PIPES ARE Ø100mm uPVC @ 1% U.N.O. AND STRAPPED UNDERNEATH THE BASEMENT SLAB.
 3. ALL RWO ARE Ø150mm CAST-IN RAINWATER OUTLET.
 4. SERVICES ON THIS DRAWING ARE SHOWN BELOW SLAB U.N.O.
 5. ALL REDUCED LEVELS ARE IN mAHD.
 6. GRATE AND FRAME OF STORMWATER COMPONENTS INCLUDING PITS, GTD, GPT, RWO AND PD ARE TO BE HEAVY DUTY OR CLASS D IN DRIVEWAY U.N.O.

LEGEND

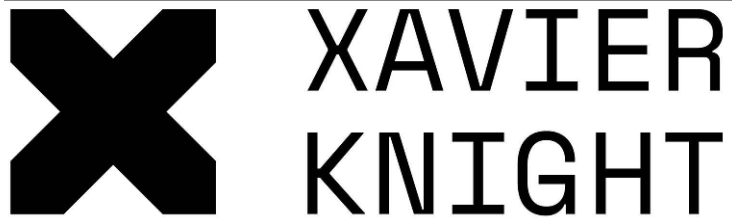
- SITE BOUNDARY
- > — > — > — PROPOSED STORMWATER LINE
- V — V — V — VALLEY LINE
- GTD
[Grated Drain Symbol] GRATED DRAIN
- SWRM
[Stormwater Rising Main Symbol] STORMWATER RISING MAIN
- RWO
[Rainwater Outlet Symbol] RAINWATER OUTLET
- VD
[Vertical Dropper Symbol] VERTICAL DROPPER
- RL XX.XX
[Surface Level Symbol] SURFACE RL

DEVELOPMENT APPLICATION

A1 0 1 2 3 4 5 6 7 8 9 10			
1 ISSUE FOR DA LN LN 12.04.2021			
Rev	Description	Eng	Draft Date

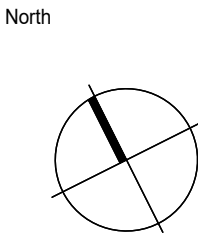
Architect
SMITH & TZANNES
M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015

Client
TRULAND DEVELOPMENT
701/70 CASTLEREAGH ST, SYDNEY NSW 2000



T : 02 8810 5800 E : info@xavierknight.com.au
A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150
xavierknight.com.au

This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.

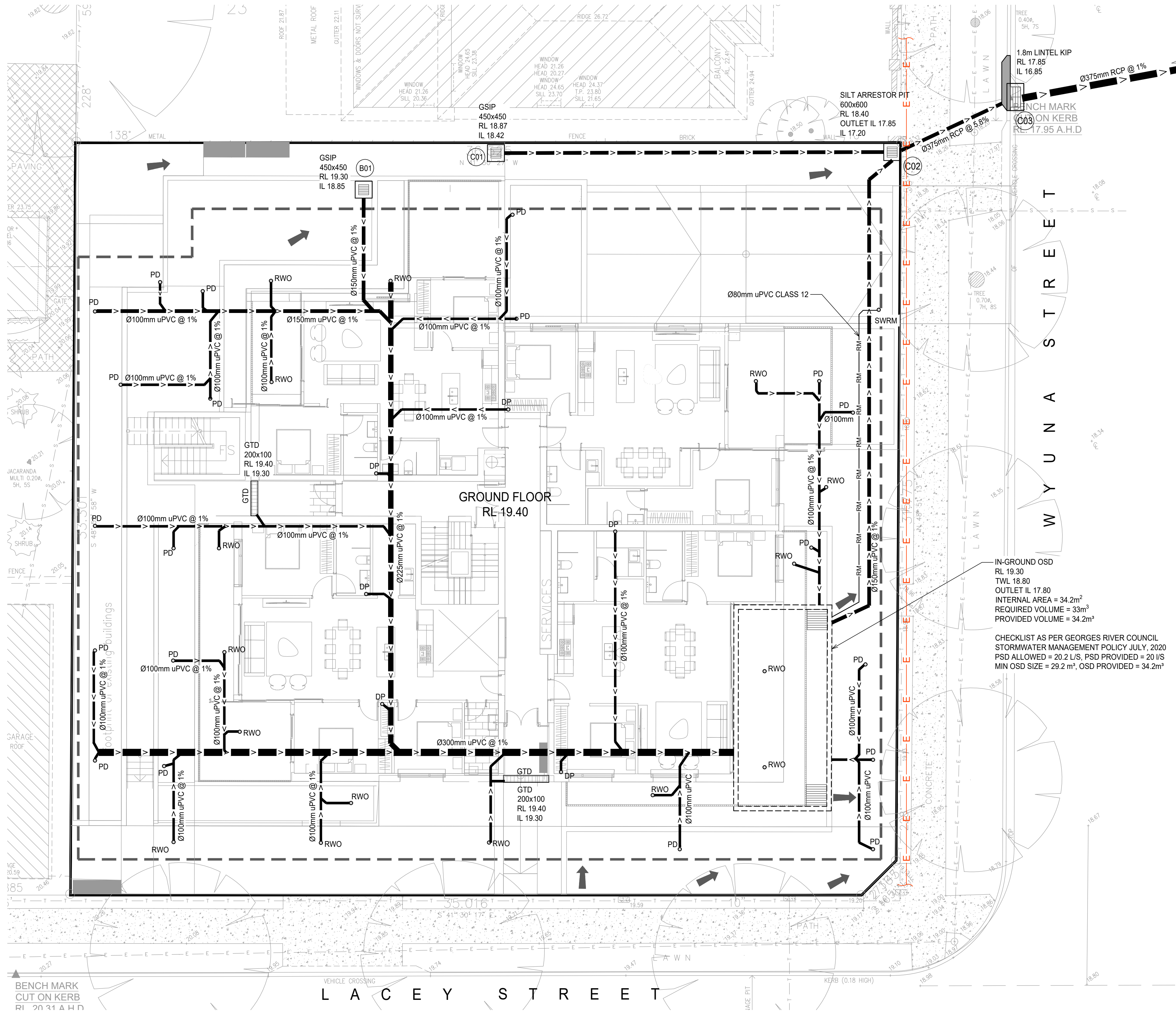


Project
**RESIDENTIAL DEVELOPMENT
2 - 6 LACEY STREET KOGARAH BAY**

Sheet Subject
**STORMWATER MANAGEMENT PLAN
BASEMENT 1**

Scale at A1	Drawn	Approved
1:100	LN	MR

Job No	Drawing No	Revision
210219	C101	1



FOR CONTINUITY REFER DWG. C103

NOTES:

- ALL SERVICES LINES ARE INDICATIVE AND TO BE CONFIRMED BY THE OTHERS PRIOR TO CONSTRUCTION.
- SURVEY INFORMATION IS OBTAINED FROM BEE & LETHBRIDGE SURVEYOR'S DRAWING REF NO. 20870, ISSUED ON 14.04.2020.
- SLAB TO BE GRADED 1% TOWARDS RWO TO MEET REQUIREMENTS OF AS 2890.
- ALL PIPES ARE Ø100mm uPVC @ 1% U.N.O.
- ALL RWO ARE Ø150mm CAST-IN RAINWATER OUTLET.
- SERVICES ON THIS DRAWING ARE SHOWN BELOW SLAB U.N.O.
- ALL REDUCED LEVELS ARE IN mAH.
- GRATE AND FRAME OF STORMWATER COMPONENTS INCLUDING PITS, GTD, GPT, RWO AND PD ARE TO BE LIGHT DUTY OR CLASS B IN LANDSCAPE AREA U.N.O.
- GRATE AND FRAME OF STORMWATER COMPONENTS INCLUDING PITS, GTD, GPT, RWO AND PD ARE TO BE HEAVY DUTY OR CLASS D IN DRIVEWAY U.N.O.
- LOCATION OF DOWNPIPES ARE INDICATIVE ONLY.
- SURFACE RLs AND INVERT LEVELS OF PROPOSED KIP WILL BE CONFIRMED ON CC STAGE.

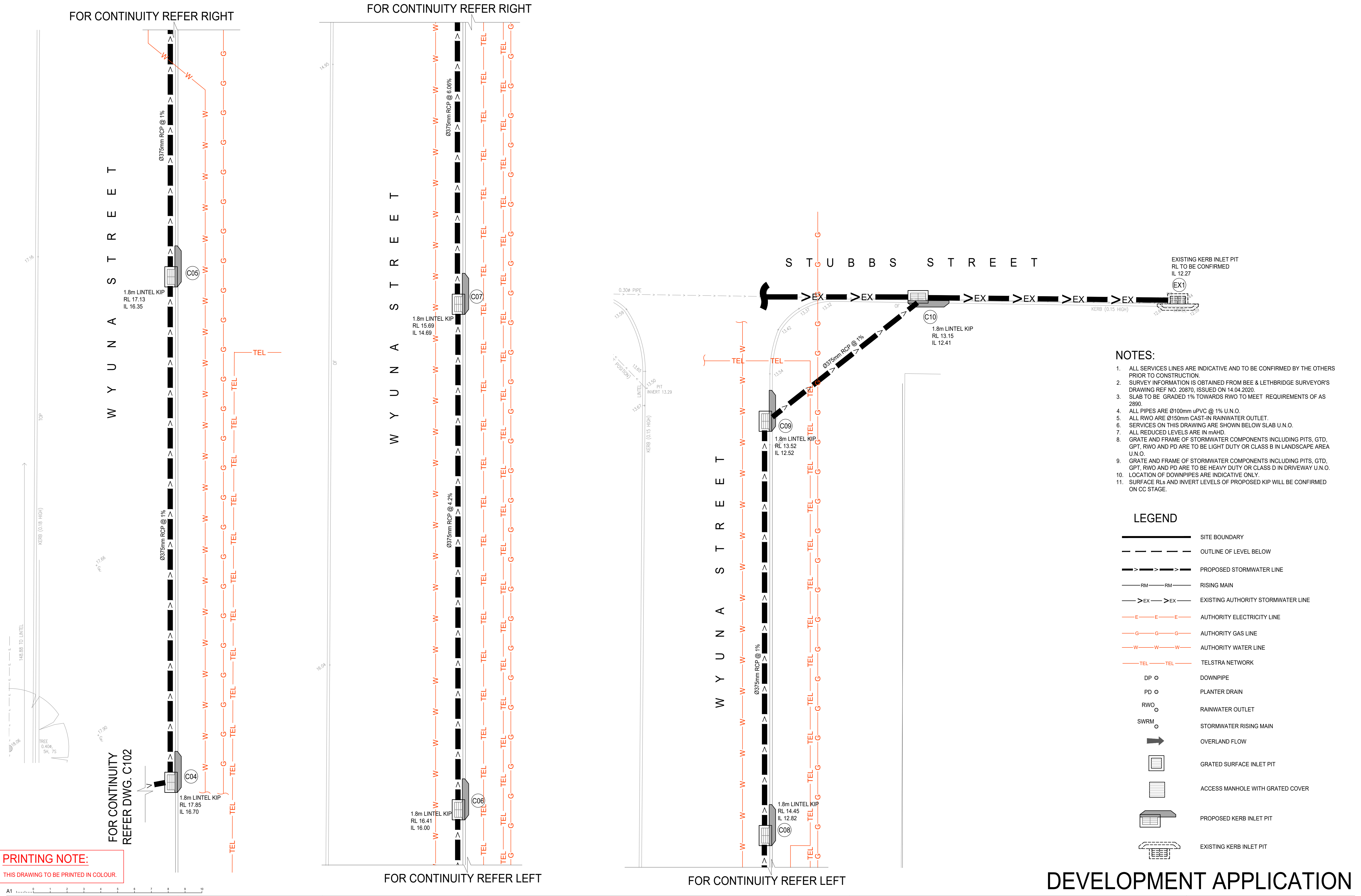
LEGEND

- SITE BOUNDARY
- OUTLINE OF LEVEL BELOW
- PROPOSED STORMWATER LINE
- RISING MAIN
- EXISTING AUTHORITY STORMWATER LINE
- AUTHORITY ELECTRICITY LINE
- AUTHORITY GAS LINE
- AUTHORITY WATER LINE
- TELSTRA NETWORK
- DOWNPIPE
- PLANTER DRAIN
- RAINWATER OUTLET
- STORMWATER RISING MAIN
- OVERLAND FLOW
- GRATED SURFACE INLET PIT
- ACCESS MANHOLE WITH GRATED COVER
- PROPOSED KERB INLET PIT
- EXISTING KERB INLET PIT

PRINTING NOTE:
THIS DRAWING TO BE PRINTED IN COLOUR.

DEVELOPMENT APPLICATION

A1 0 1 2 3 4 5 6 7 8 9 10				Architect SMITH & TZANNES M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015		Client TRULAND DEVELOPMENT 701/70 CASTLEREAGH ST, SYDNEY NSW 2000				T : 02 8810 5800 E : info@xavierknight.com.au A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150 xavierknight.com.au This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.		North 		Project RESIDENTIAL DEVELOPMENT 2 - 6 LACEY STREET KOGARAH BAY		Scale at A1 1:100		Drawn LN		Approved MR	
3 ISSUE FOR DA MR LN 20.05.2021				2 ISSUE FOR DA LN LN 23.04.2021		1 ISSUE FOR DA LN LN 12.04.2021		Rev Description Eng Draft Date		Sheet Subject STORMWATER MANAGEMENT PLAN GROUND FLOOR - SHEET 1		Job No 210219		Drawing No C102		Revision 3					



PRINTING NOTE:
THIS DRAWING TO BE PRINTED IN COLOUR.

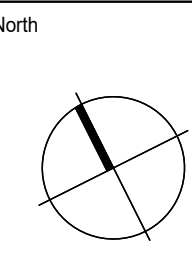
A1			
1	ISSUE FOR DA	LN	LN 23.04.2021
Rev	Description	Eng	Draft Date

Architect
SMITH & TZANNES
M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015

Client
TRULAND DEVELOPMENT
701/70 CASTLEREAGH ST, SYDNEY NSW 2000



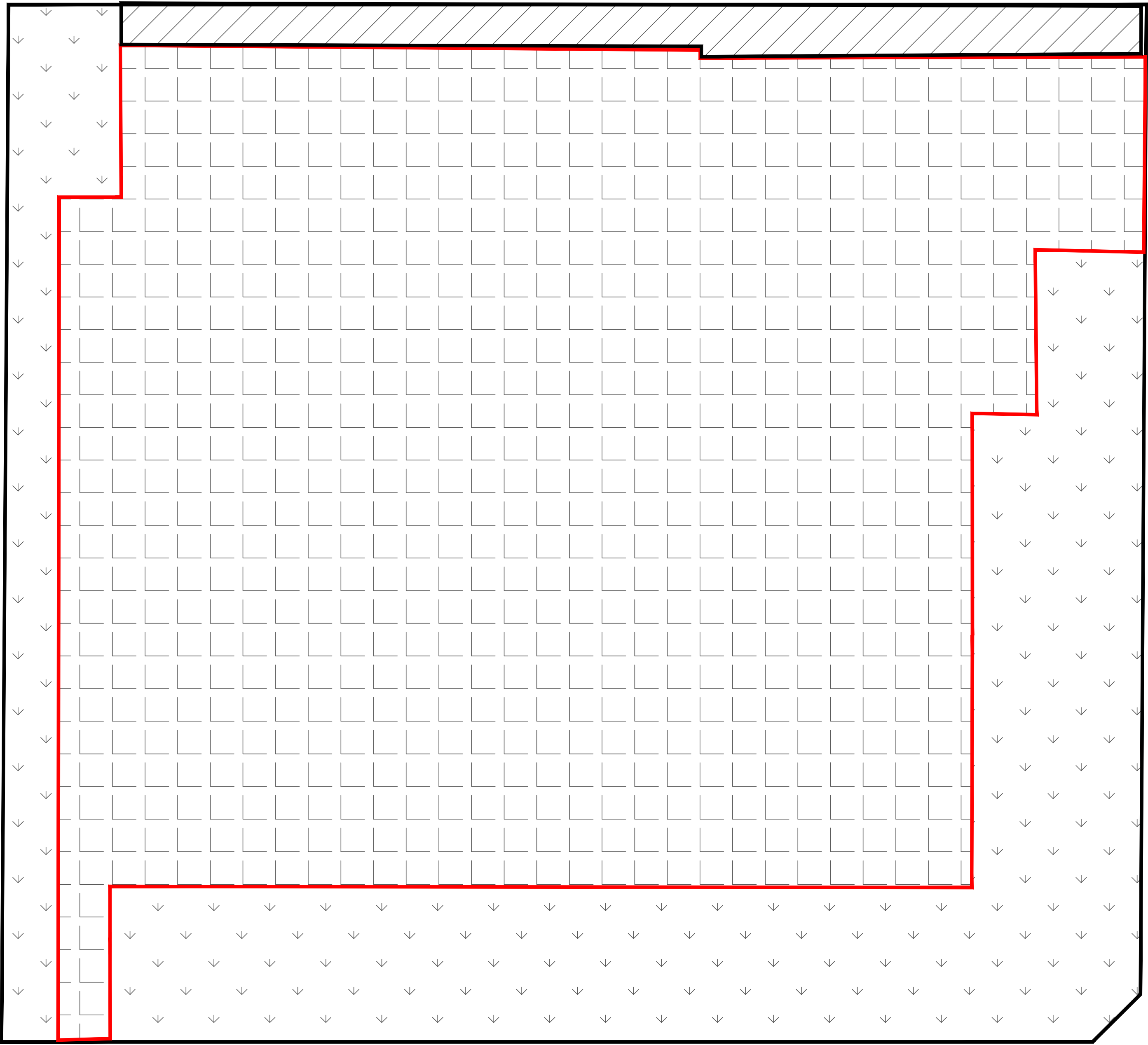
T : 02 8810 5800 E : info@xavierknight.com.au
A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150
xavierknight.com.au
This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.



Project
**RESIDENTIAL DEVELOPMENT
2 - 6 LACEY STREET KOGARAH BAY**

Sheet Subject
**STORMWATER MANAGEMENT PLAN
GROUND FLOOR - SHEET 2**

Scale at A1 1:100	Drawn LN	Approved MR
Job No 210219	Drawing No C103	Revision 1



IMPERVIOUS AREA CALCULATION SUMMARY

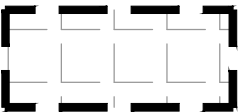
AS PER APPENDIX A7 OF
GEORGES RIVER COUNCIL'S STORMWATER MANAGEMENT POLICY JULY 2020

BUILDING FOOTPRINT AND ACCESSWAY 831m²

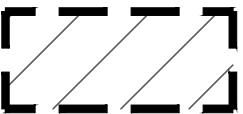
GRASSED AREA BETWEEN EXTERNAL
BUILDING WALL AND NEIGHBOURS PROPERTY
WITH LESS THAN 1.5m WIDTH 47m²

TOTAL IMPERVIOUS AREA = 831 + $\frac{47}{2}$ = 854.5m²

LEGEND



SITE BOUNDARY



BUILDING FOOTPRINT



AREA BETWEEN THE BUILDING OUTLINE AND NEIGHBOUR SITE
WITH LESS THAN 1.5M WIDTH



AREA BETWEEN THE BUILDING OUTLINE AND NEIGHBOUR SITE
WITH LESS THAN 1.5M WIDTH

DEVELOPMENT APPLICATION

A1 0 1 2 3 4 5 6 7 8 9 10			
2	ISSUE FOR DA	MR	LN 20.05.2021
1	ISSUE FOR DA	LN	LN 12.04.2021
Rev	Description	Eng	Draft Date

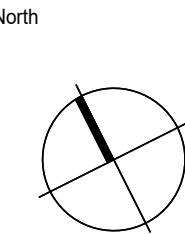
Architect
SMITH & TZANNES
M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015

Client
TRULAND DEVELOPMENT
701/70 CASTLEREAGH ST, SYDNEY NSW 2000



T : 02 8810 5800 E : info@xavierknight.com.au
A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150
xavierknight.com.au

This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.

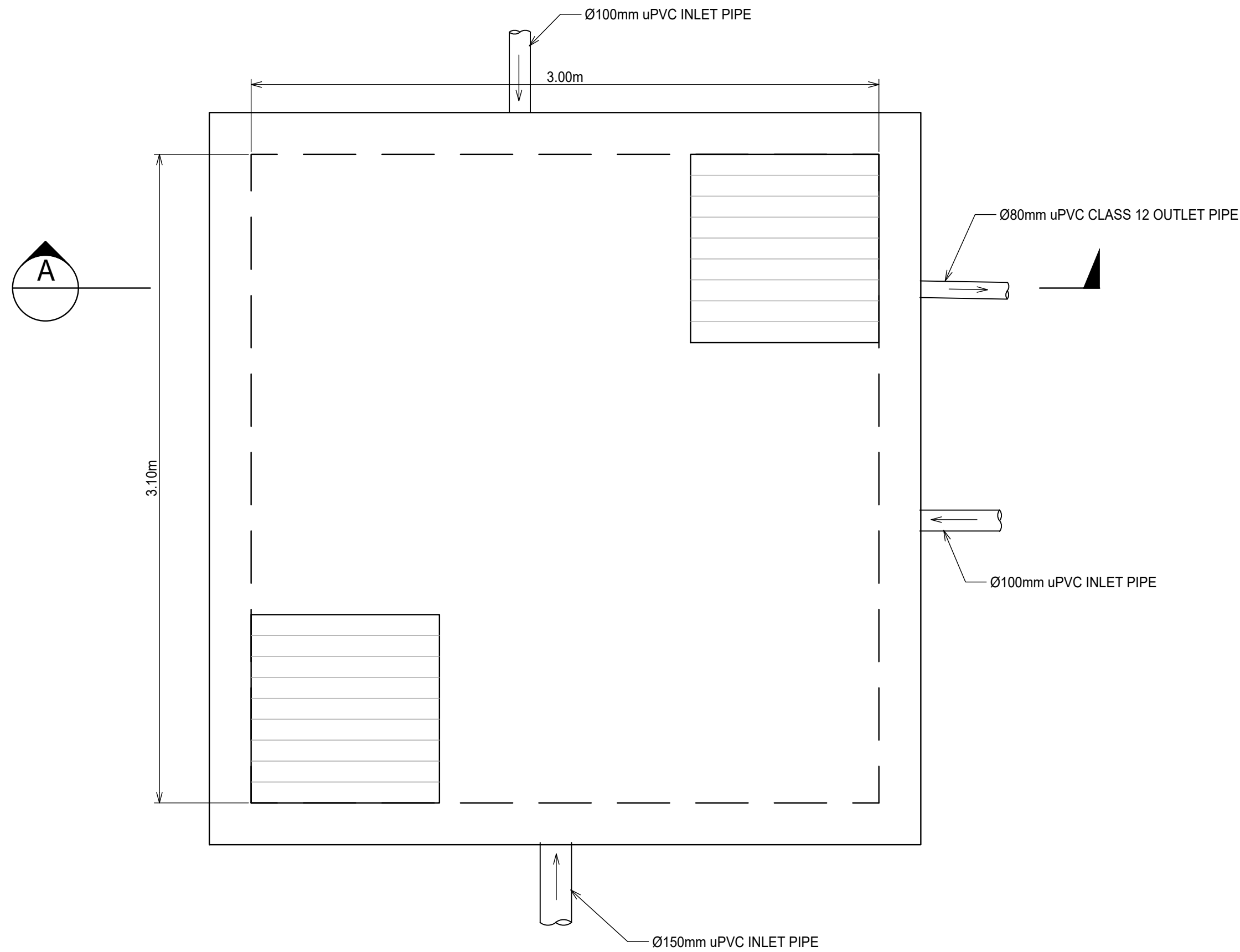


Project
**RESIDENTIAL DEVELOPMENT
2 - 6 LACEY STREET KOGARAH BAY**

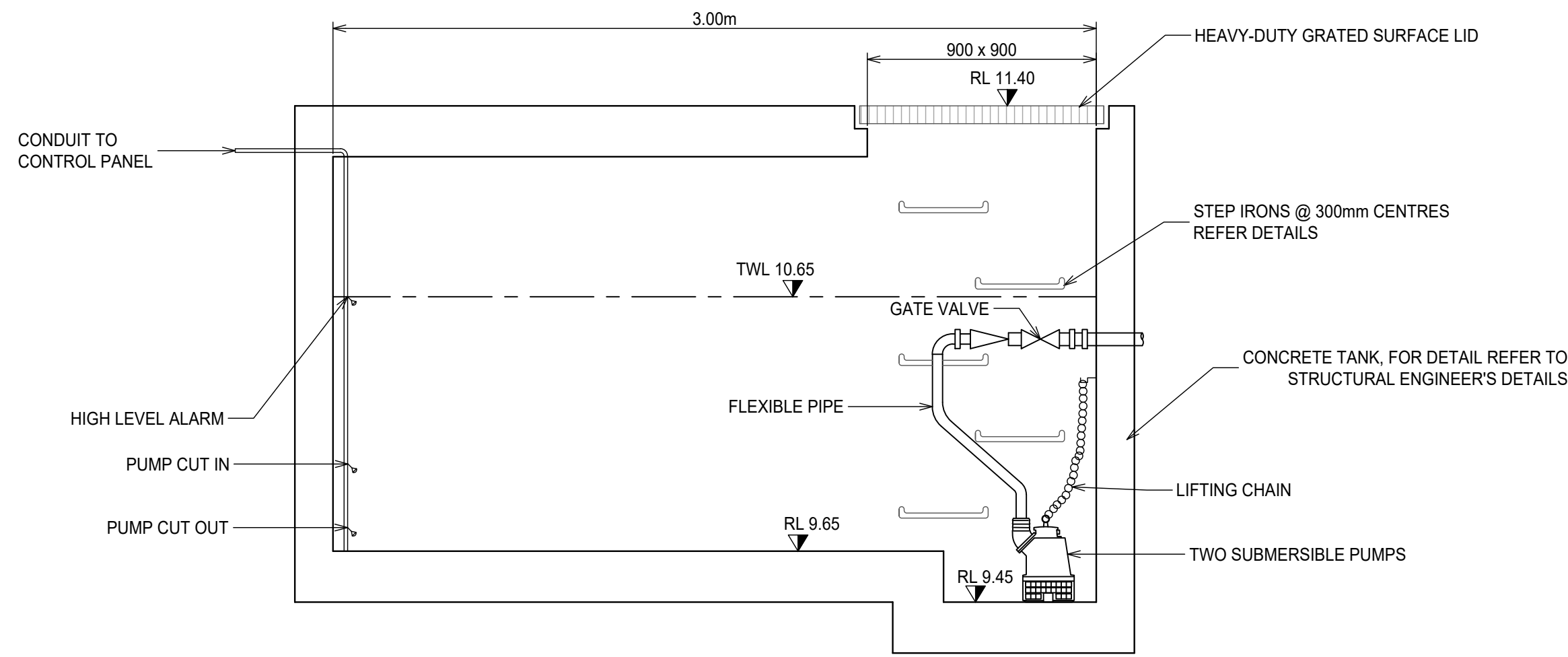
Sheet Subject
CATCHMENT PLAN

Scale at A1	Drawn	Approved
1:100	LN	MR

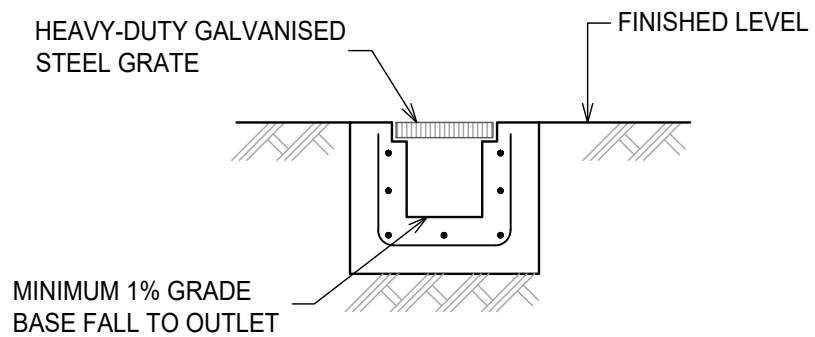
Job No	Drawing No	Revision
210219	C120	2



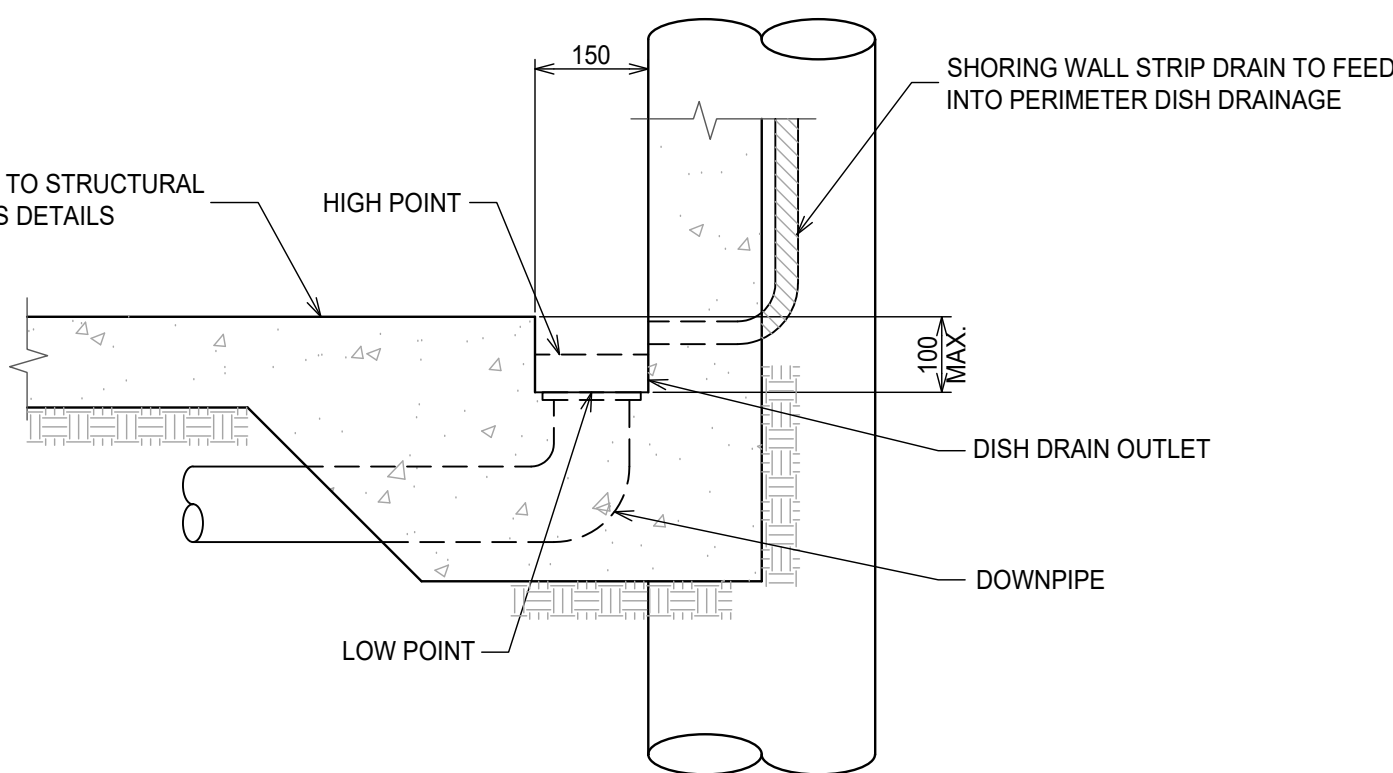
PUMP-OUT PIT PLAN
SCALE 1:20



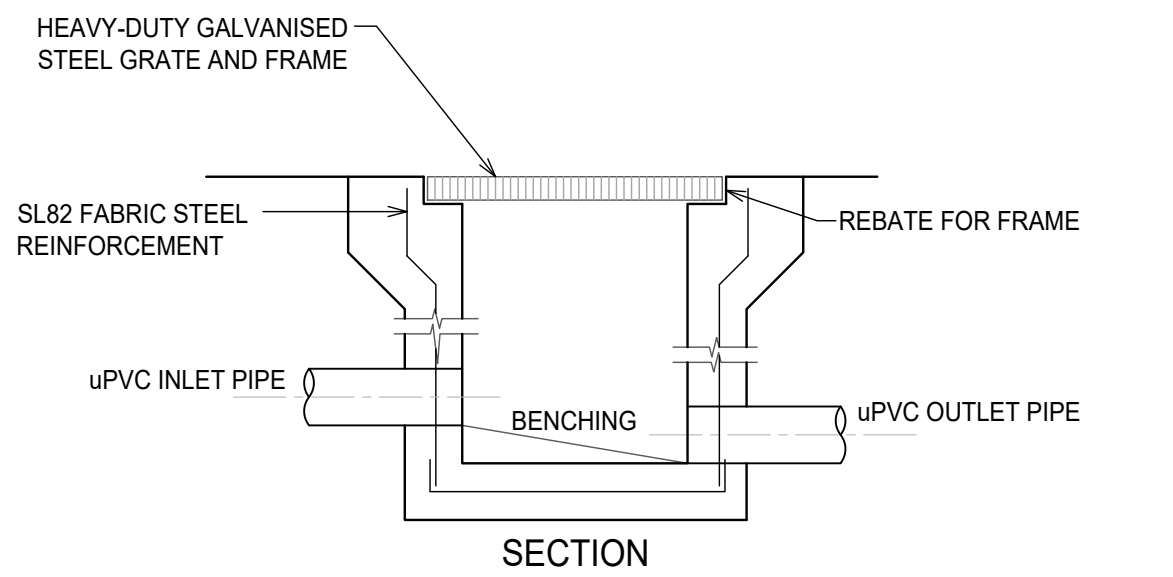
SECTION A
SCALE 1:20



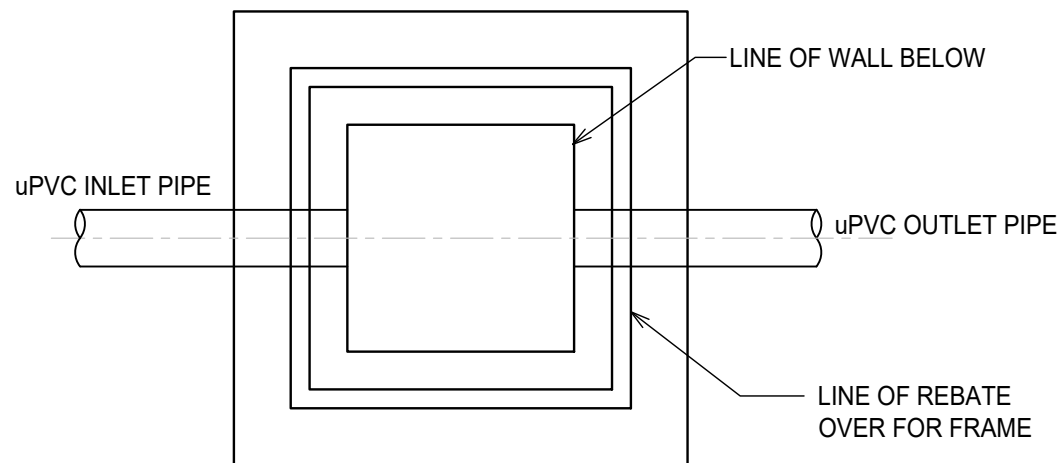
GRATED TRENCH DRAIN DETAIL
SCALE 1:20



PERIMETER DRAIN DETAIL
SCALE 1:10

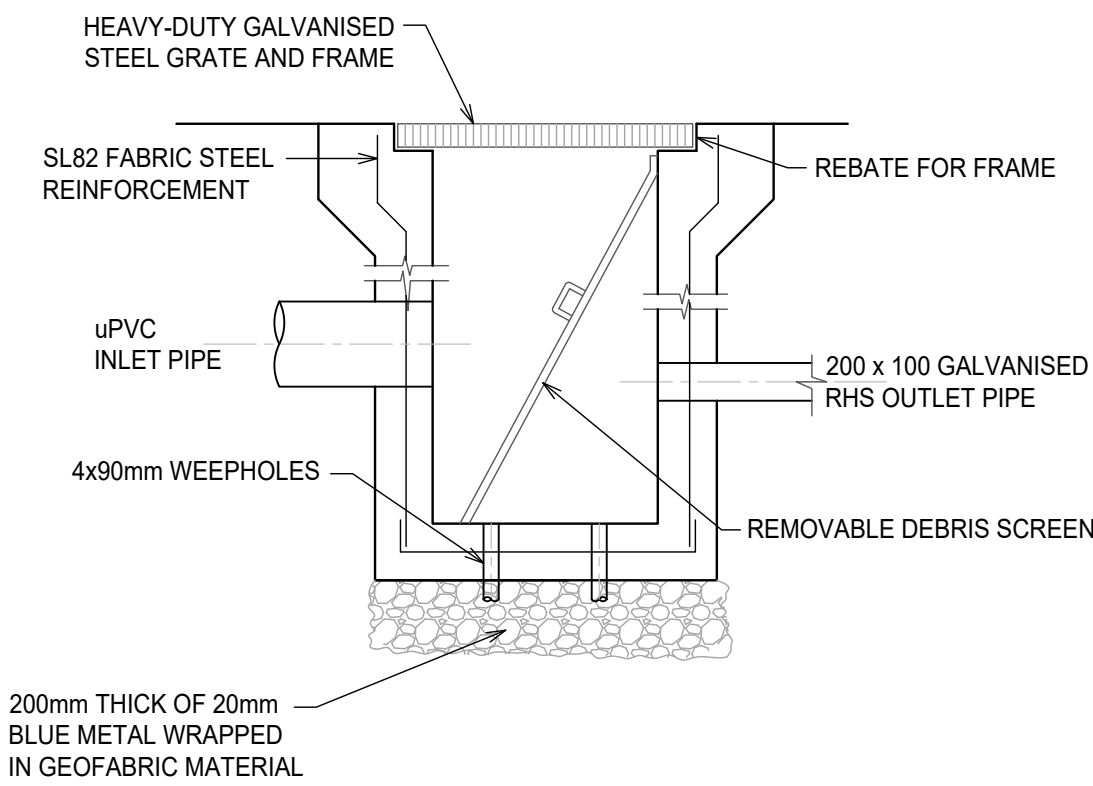


SECTION

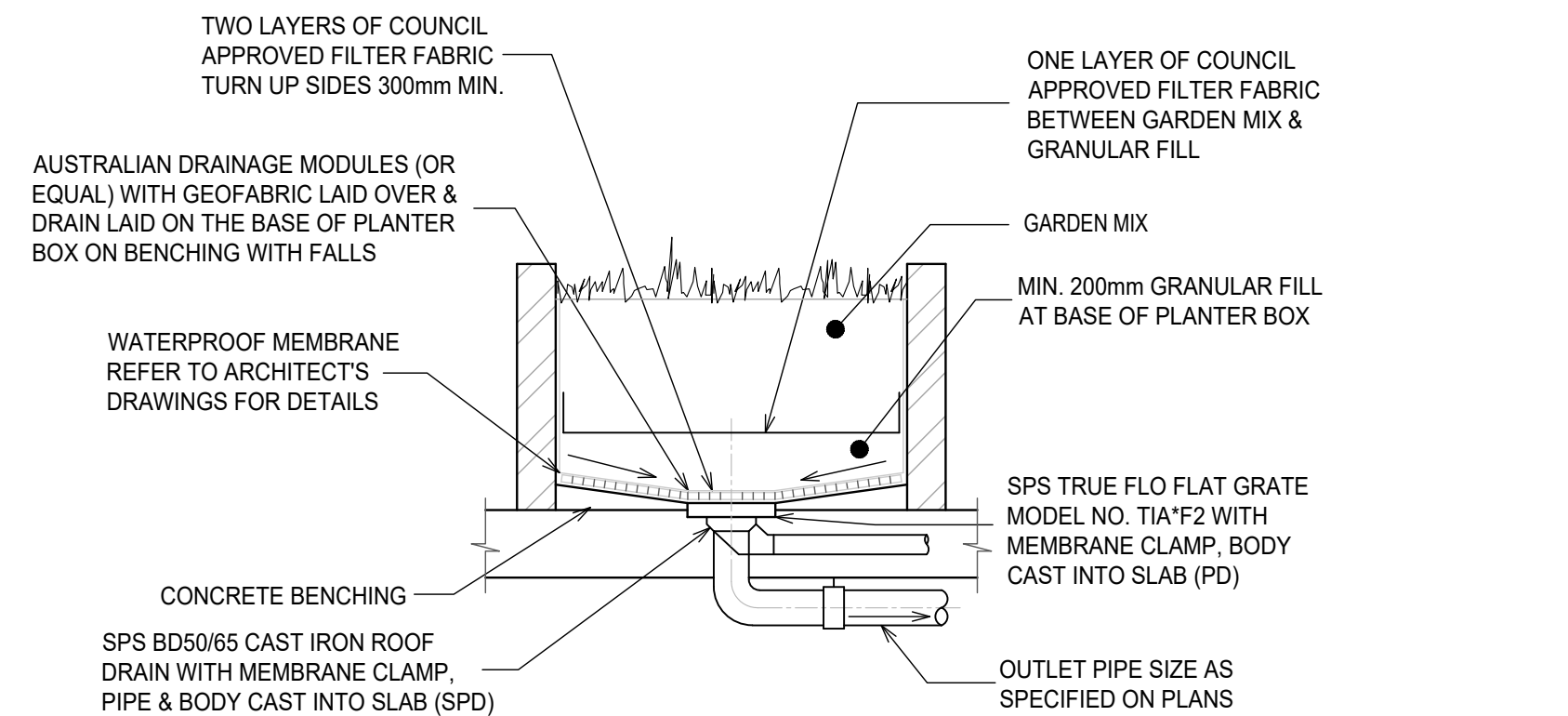


PLAN WITHOUT GRATE

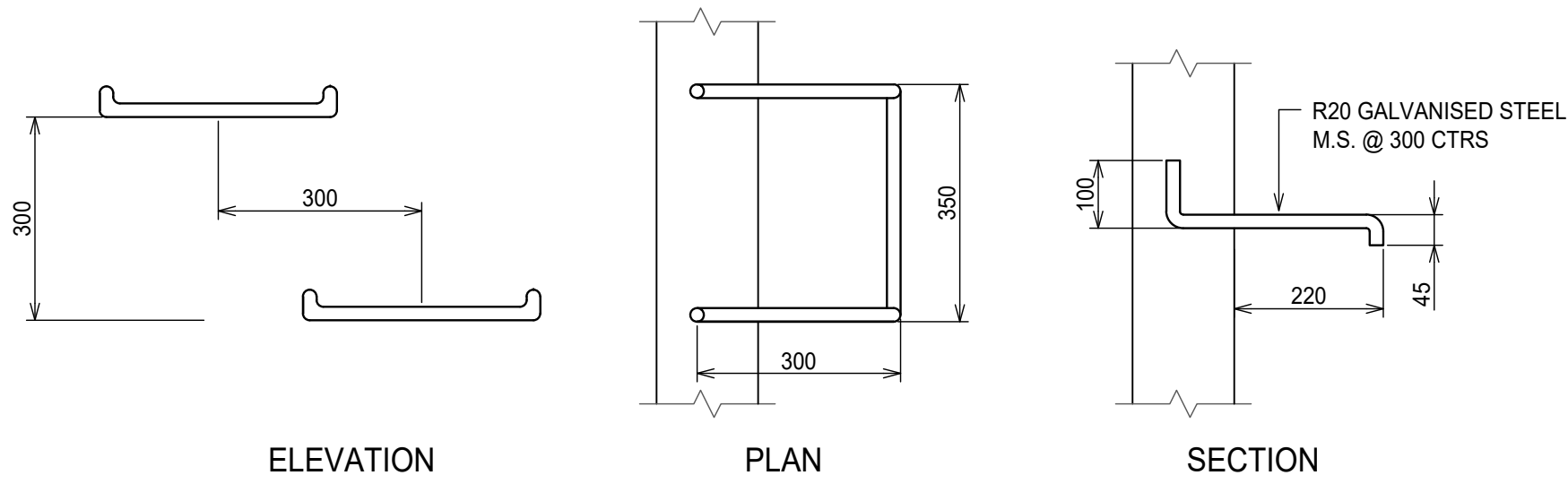
STORMWATER PIT
SCALE 1:20



SILT ARRESTOR PIT DETAIL
SCALE 1:20



PLANTER DRAIN DETAIL
SCALE 1:20

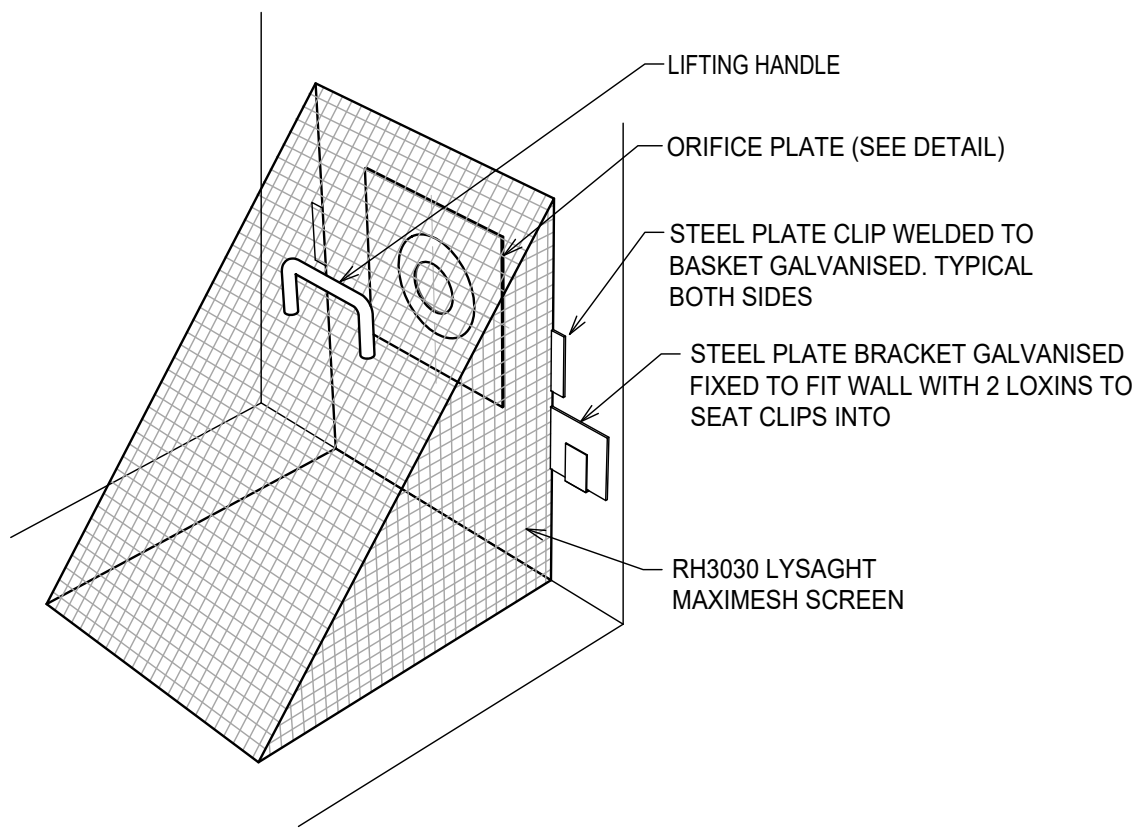


ELEVATION

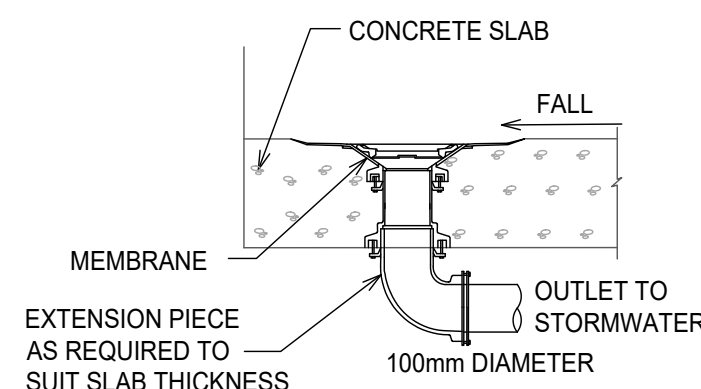
PLAN

SECTION

TYPICAL STEP IRON DETAIL
SCALE 1:10



DEBRIS SCREEN
NOT TO SCALE



RAINWATER OUTLET DETAIL
NOT TO SCALE

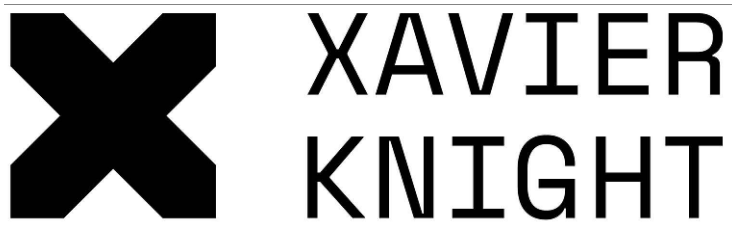
- NOTES:
1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
 2. ALL REDUCED LEVELS ARE IN mAHD.

DEVELOPMENT APPLICATION

A1	0	1	2	3	4	5	6	7	8	9	10
1	ISSUE FOR DA	LN	LN	12.04.2021							
Rev	Description	Eng	Draft	Date							

Architect
SMITH & TZANNES
M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015

Client
TRULAND DEVELOPMENT
701/70 CASTLEREAGH ST, SYDNEY NSW 2000

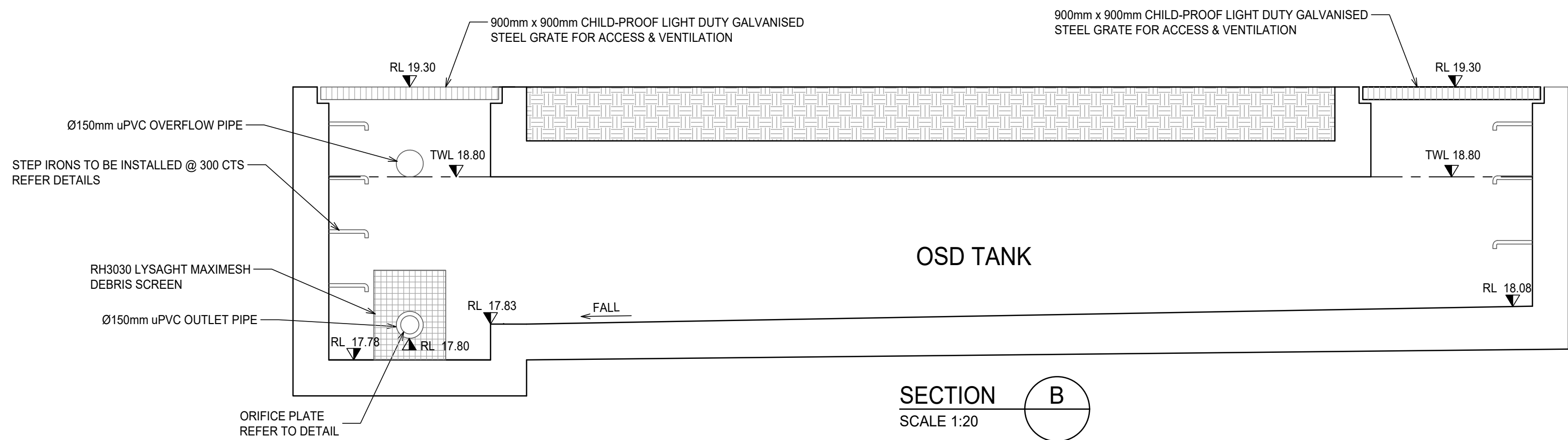
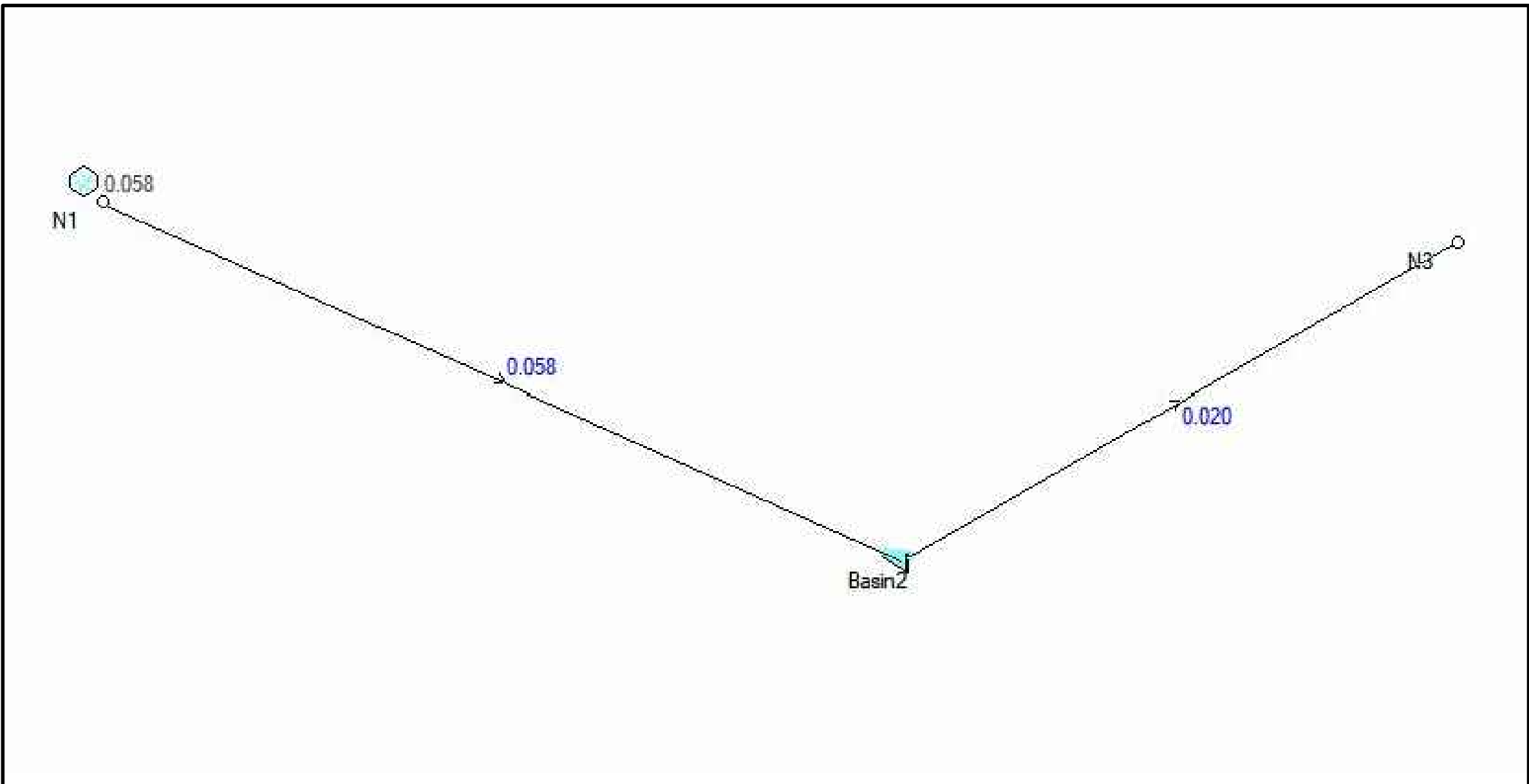
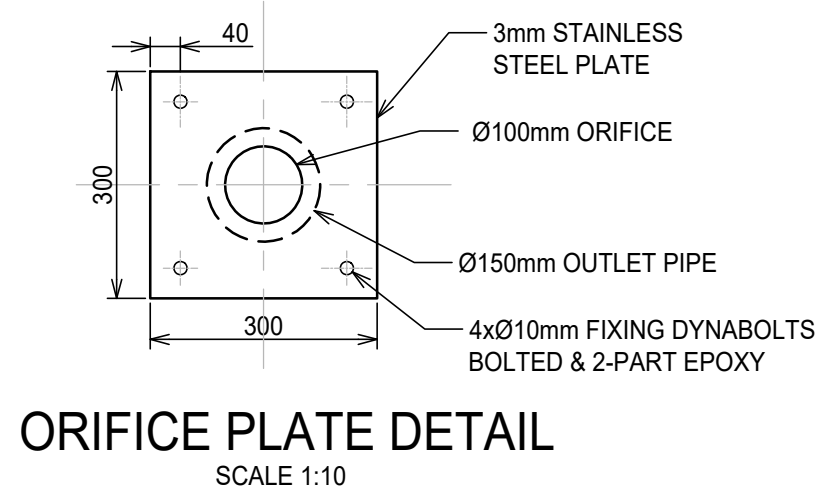
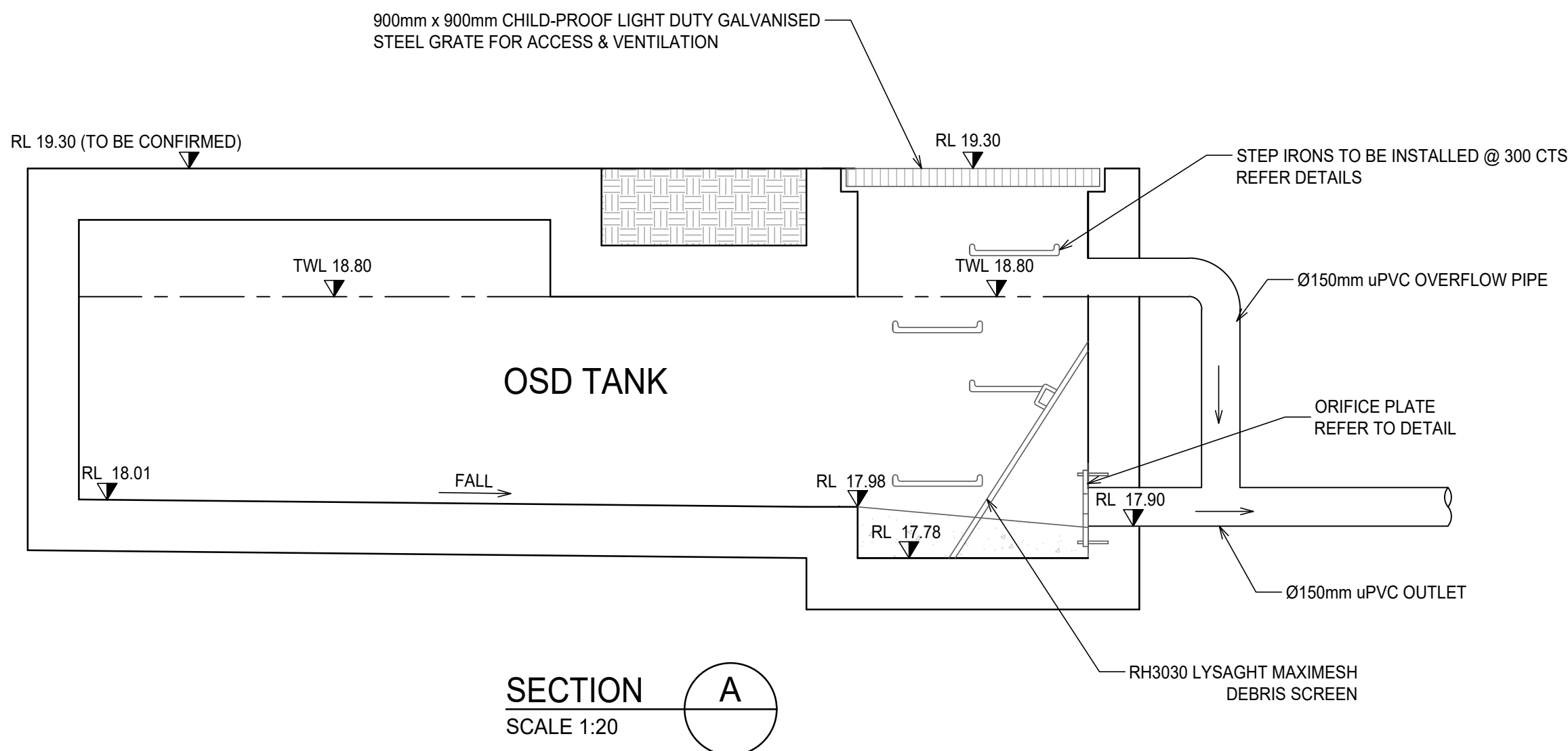
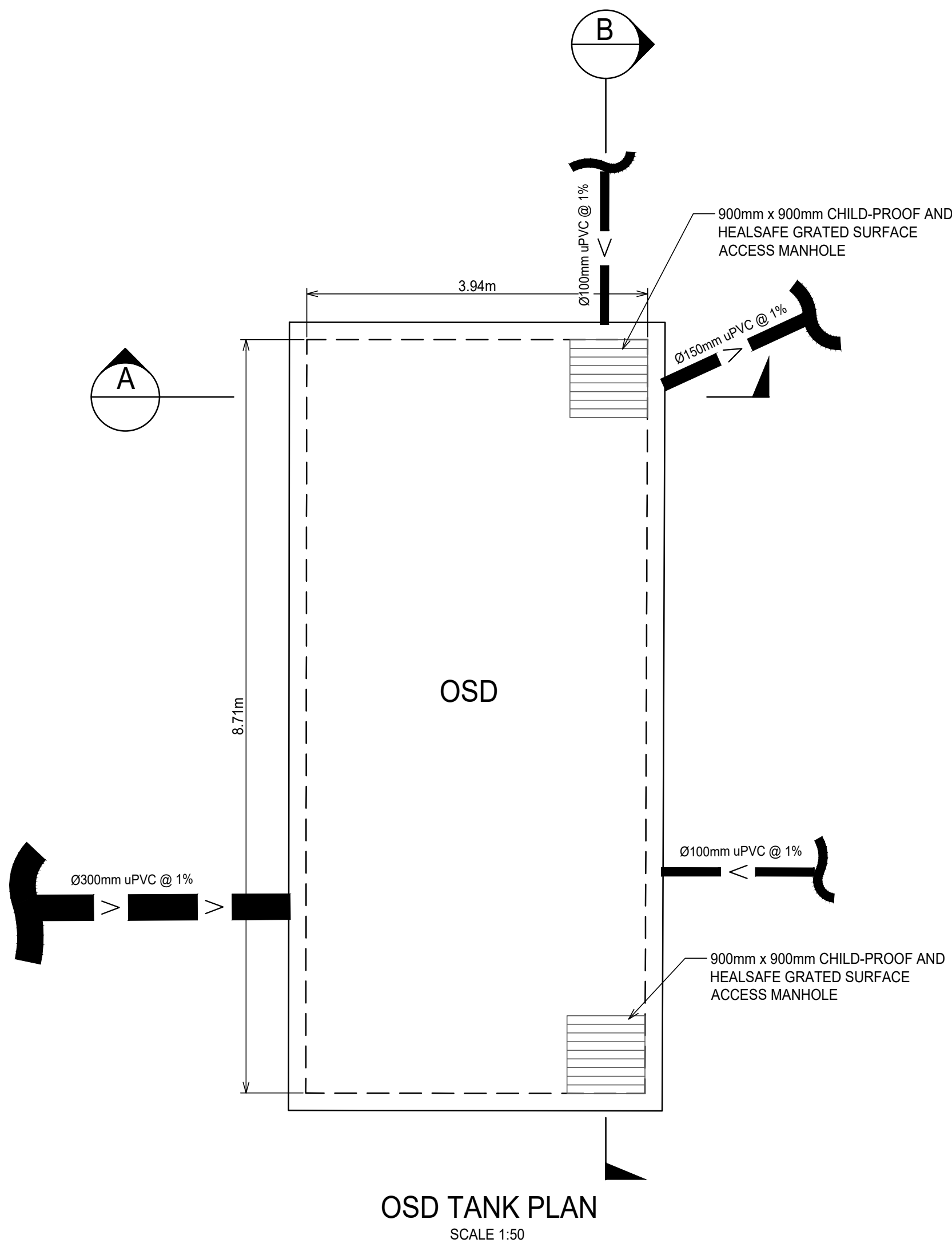


T : 02 8810 5800 E : info@xavierknight.com.au
A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150
xavierknight.com.au
This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.

Project
**RESIDENTIAL DEVELOPMENT
2 - 6 LACEY STREET KOGARAH BAY**

Sheet Subject
**DRAINAGE DETAILS
SHEET 1**

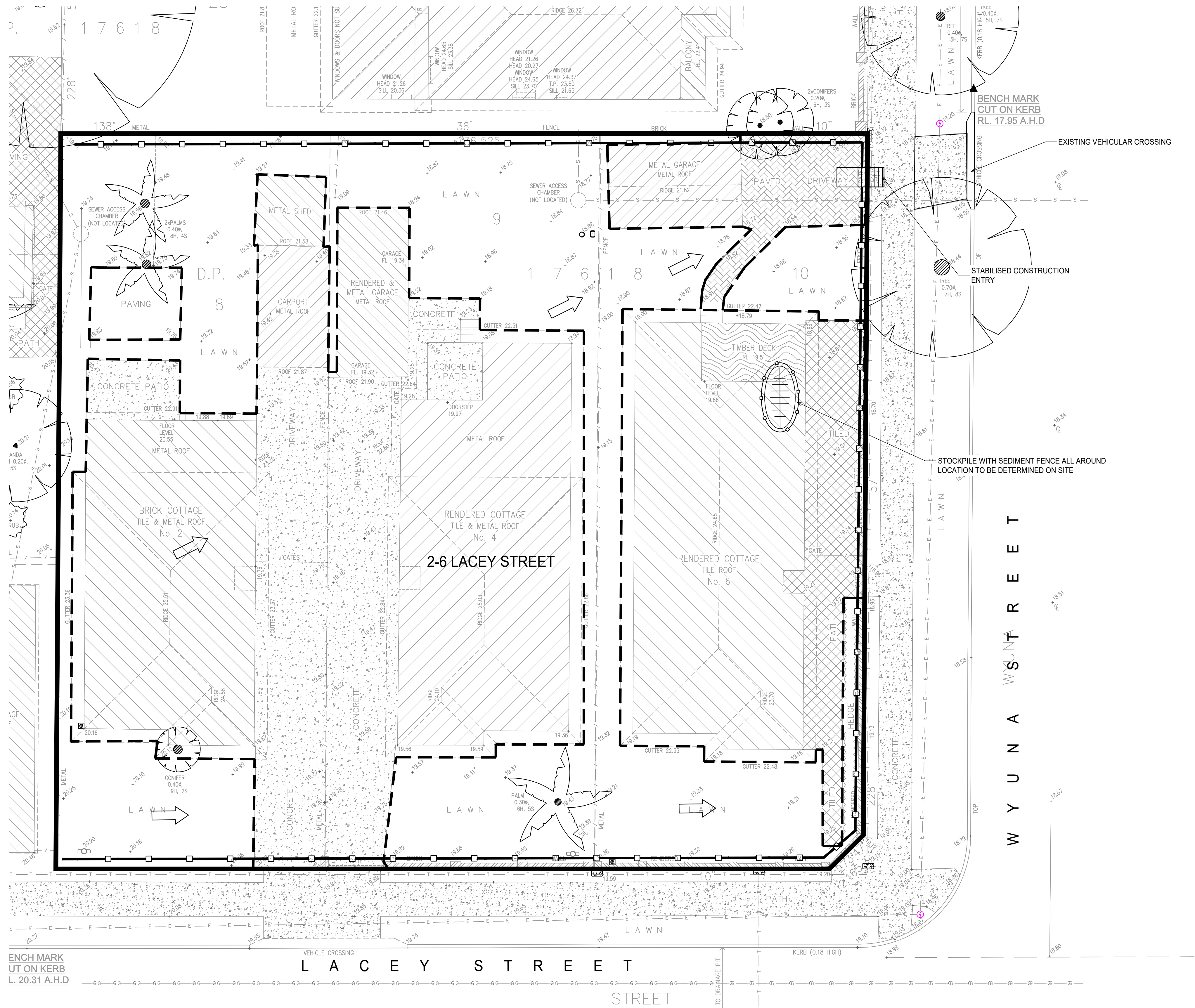
Scale at A1	Drawn	Approved
AS SHOWN	LN	MR
Job No	Drawing No	Revision
210219	C200	1



- NOTES:
- ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
 - ALL REDUCED LEVELS ARE IN mAHD.

DEVELOPMENT APPLICATION

A1 2 1 2 3 4 5 6 7 8 9 10				Architect SMITH & TZANNES M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015	Client TRULAND DEVELOPMENT 701/70 CASTLEREAGH ST, SYDNEY NSW 2000		T : 02 8810 5800 E : info@xavierknight.com.au A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150 xavierknight.com.au This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.	Project RESIDENTIAL DEVELOPMENT 2 - 6 LACEY STREET KOGARAH BAY	Scale at A1 AS SHOWN	Drawn LN, AD	Approved MR
2 ISSUE FOR DA	MR	LN	20.05.2021					Sheet Subject DRAINAGE DETAILS SHEET 2	Job No 210219	Drawing No C201	Revision 2
1 ISSUE FOR DA	LN	LN	12.04.2021								
Rev	Description	Eng	Draft	Date							



DEVELOPMENT APPLICATION

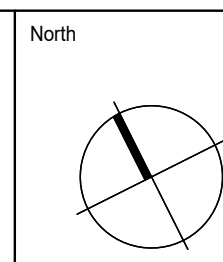
A1			
1	ISSUE FOR DA	LN	12.04.2021
Rev	Description	Eng	Draft Date

Architect
SMITH & TZANNES
M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015

Client
TRULAND DEVELOPMENT
70/170 CASTLEREAGH ST, SYDNEY NSW 2000

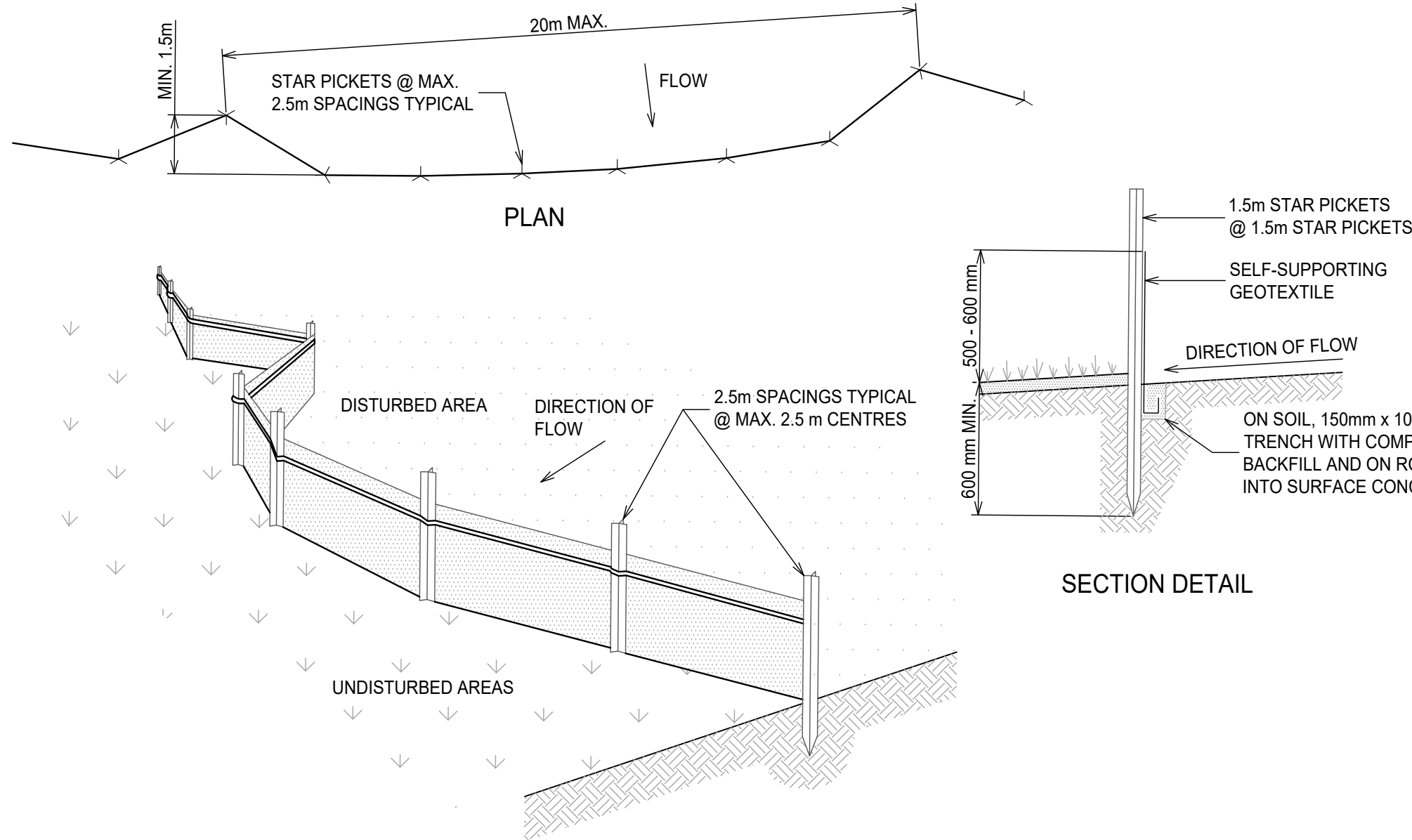


T : 02 8810 5800 E : info@xavierknight.com.au
A : Level 2, 2/90 Philip Street, Parramatta NSW 2150
xavierknight.com.au
This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.



Project
RESIDENTIAL DEVELOPMENT
2 - 6 LACEY STREET KOGARAH BAY
Sheet Subject
SEDIMENT & EROSION CONTROL PLAN

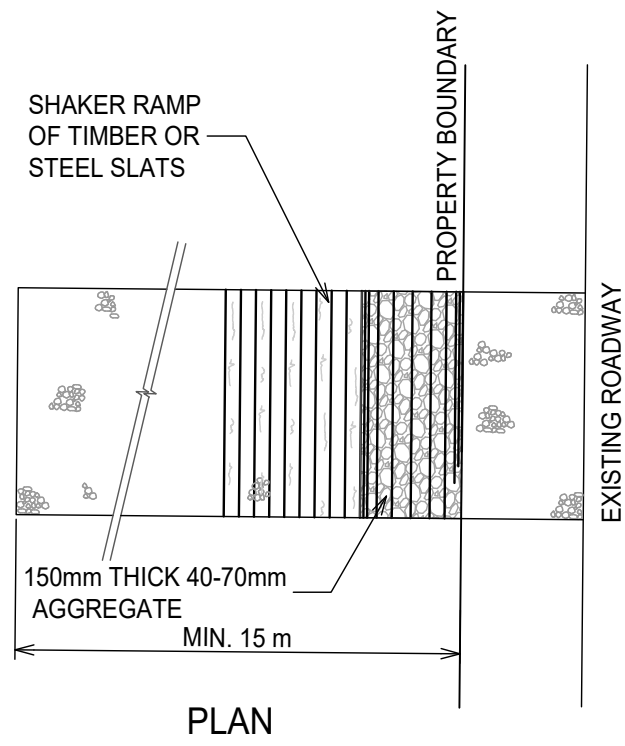
Scale at A1 1:100	Drawn LN, AD	Approved MR
Job No 210219	Drawing No C300	Revision 1



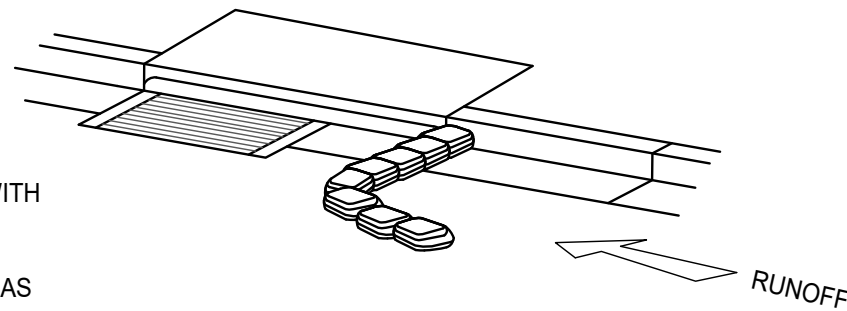
SEDIMENT FENCE
SCALE N.T.S.

SEDIMENT FENCE CONSTRUCTION NOTES:

1. 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.
2. CUT A 150 mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. 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.
4. 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.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150 mm OVERLAP.
6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



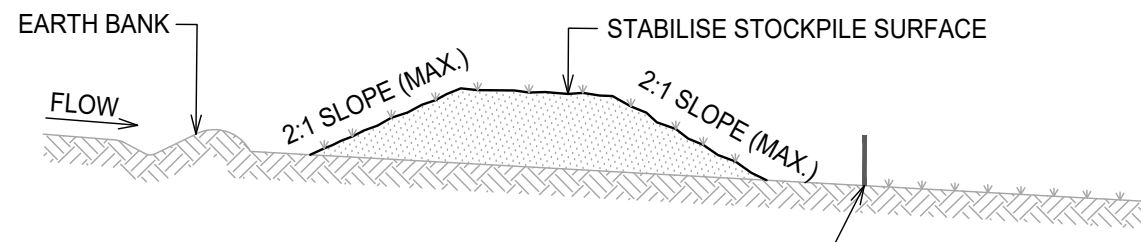
STABILISED SITE ACCESS WITH SHAKER RAMP
SCALE N.T.S.



NOTES:

1. PROVIDE THREE LAYERS OF SANDBAGS WITH THEIR ENDS OVERLAPPED AND ALSO OVERLAPPING ONTO THE KERB.
2. CREATE A GAP IN THE SANDBAGS TO ACT AS A SPILLWAY.
3. SANDBAG BARRIER TO BE MIN. 2m FROM THE INLET AND EXTEND MIN. 0.9m OUT FROM THE KERB.

GULLY INLET SANDBAG PROTECTION DETAIL
SCALE N.T.S.



STOCKPILE CONSTRUCTION NOTES:

1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
4. WHERE THEY ARE TO BE PLACED FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED E.S.C.P. OR S.W.M.P. TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METRES DOWNSLOPE.

STOCKPILES
SCALE N.T.S.

GENERAL INSTRUCTIONS:

1. 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.
2. 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.
3. THE CONTRACTOR SHALL ENSURE THAT ALL SUBCONTRACTORS ARE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE AREAS.
4. THE NON-DISTURBED PORTION OF THE CATCHMENT OUTSIDE OF OPERATING AREA IS TO BYPASS THE BASINS BY MEANS OF LINED CATCH DRAINS.
5. 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.
6. 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%.
7. CONSTRUCT ADDITIONAL EROSION OR SEDIMENT CONTROL WORKS AS MAY BE APPROPRIATE TO ENSURE THE PROTECTION OF DOWNSLOPE LANDS AND WATERWAYS.
8. MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES IN A FULLY FUNCTIONING CONDITION AT ALL TIMES UNTIL THE SITE IS REHABILITATED.
9. REMOVE TEMPORARY SOIL CONSERVATION STRUCTURES AS THE LAST ACTIVITY IN THE REHABILITATION PROGRAM.

CONSTRUCTION SEQUENCE:

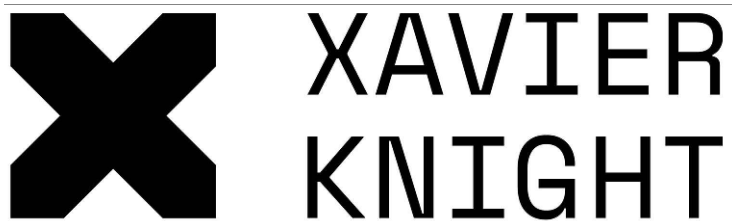
WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:

1. 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.
2. CONSTRUCT STABILISED SITE ACCESS IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS.
3. REDIRECT CLEAN WATER AROUND THE CONSTRUCTION SITE.
4. INSTALL SEDIMENT CONTROL PROTECTION MEASURES AT ALL NATURAL AND MAN-MADE DRAINAGE STRUCTURES. MAINTAIN UNTIL ALL THE DISTURBED AREAS ARE STABILISED.
5. CLEAR AND STRIP THE WORK AREAS. MINIMISE THE DAMAGE TO THE GRASS AND LOW GROUND COVER OF NON-DISTURBED AREAS.
6. 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.
7. APPLY PERMANENT STABILISATION TO SITE (LANDSCAPING).

A1	0	1	2	3	4	5	6	7	8	9	10
1	ISSUE FOR DA	LN	LN	12.04.2021							
Rev	Description	Eng	Draft	Date							

Architect
SMITH & TZANNES
M1/147-161 MCEVOY ST, ALEXANDRIA NSW 2015

Client
TRULAND DEVELOPMENT
701/70 CASTLEREAGH ST, SYDNEY NSW 2000



T : 02 8810 5800 E : info@xavierknight.com.au
A : Level 2, 2/90 Phillip Street, Parramatta NSW 2150
xavierknight.com.au

This drawing is copyright and is the property of XAVIER KNIGHT CONSULTING ENGINEERS Pty. Ltd. and must not be used without authorisation.

Project
RESIDENTIAL DEVELOPMENT
2 - 6 LACEY STREET KOGARAH BAY

Sheet Subject
SEDIMENT & EROSION CONTROL DETAILS

Scale at A1
AS SHOWN

Drawn
LN, AD

Approved
MR

Job No
210219

Drawing No
C301

Revision
1

DEVELOPMENT APPLICATION