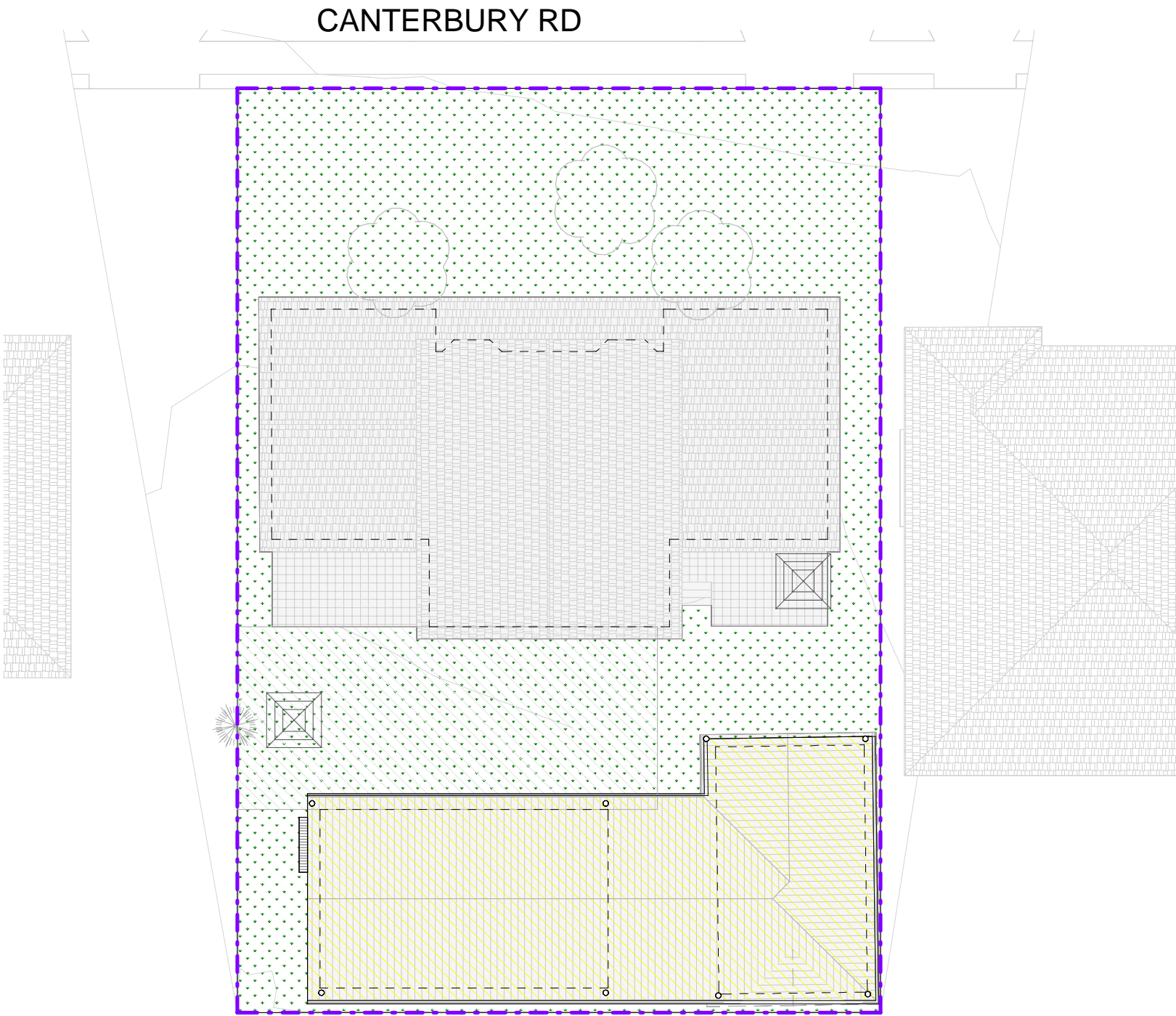


246 CANTERBURY RD, REVESBY NSW 2212

DRAWING INDEX

Drawing No.	Sheet Name	Current Revision	Sheet Issue Date
SW-01	STORMWATER DRAINAGE PLAN	A	02/12/2025
SW-02	STORMWATER DRAINAGE DETAILS	A	02/12/2025
SW-03	STORMWATER DRAINAGE DETAILS	A	02/12/2025
SW-04	STORMWATER DRAINAGE DETAILS	A	02/12/2025



LOCATION PLAN

Rev	Description	By	Date
A	ISSUED FOR DEVELOPMENT APPLICATION	A.L.	12.02.2025

Legend & Notes

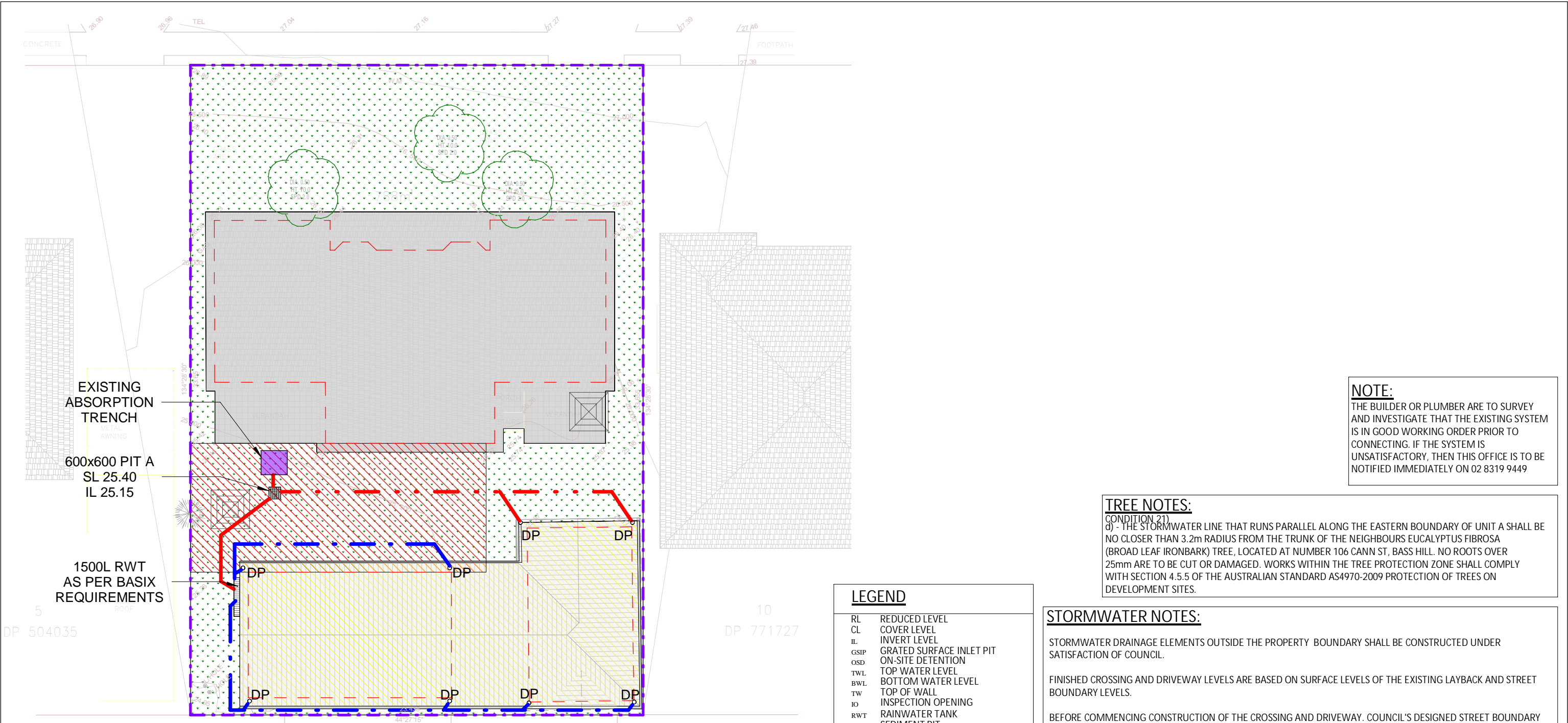
MEASUREMENTS TO BE CONFIRMED
ON SITE. NO MEASUREMENTS TO BE
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Ph: 02 8319 9449 | info@statiker.com.au | www.statiker.com.au

Client
Anwar El-Ache & Said El-Ache
Project Address
246 CANTERBURY RD, REVESBY NSW 2212

Drawing Title COVER PAGE			
Designed	S.D.	Scale	1 : 200
Drawn	A.L.	Date	12.02.2025
Checked	S.D.	Rev	B
Drawing Number	SW-00	Job Number	S-25008



NOTE:
THE BUILDER OR PLUMBER ARE TO SURVEY AND INVESTIGATE THAT THE EXISTING SYSTEM IS IN GOOD WORKING ORDER PRIOR TO CONNECTING. IF THE SYSTEM IS UNSATISFACTORY, THEN THIS OFFICE IS TO BE NOTIFIED IMMEDIATELY ON 02 8319 9449

TREE NOTES:
CONDITION 21)
d) - THE STORMWATER LINE THAT RUNS PARALLEL ALONG THE EASTERN BOUNDARY OF UNIT A SHALL BE NO CLOSER THAN 3.2m RADIUS FROM THE TRUNK OF THE NEIGHBOURS EUCALYPTUS FIBROSA (BROAD LEAF IRONBARK) TREE, LOCATED AT NUMBER 106 CANN ST, BASS HILL. NO ROOTS OVER 25mm ARE TO BE CUT OR DAMAGED. WORKS WITHIN THE TREE PROTECTION ZONE SHALL COMPLY WITH SECTION 4.5.5 OF THE AUSTRALIAN STANDARD AS4970-2009 PROTECTION OF TREES ON DEVELOPMENT SITES.

STORMWATER NOTES:

STORMWATER DRAINAGE ELEMENTS OUTSIDE THE PROPERTY BOUNDARY SHALL BE CONSTRUCTED UNDER SATISFACTION OF COUNCIL.

FINISHED CROSSING AND DRIVEWAY LEVELS ARE BASED ON SURFACE LEVELS OF THE EXISTING LAYBACK AND STREET BOUNDARY LEVELS.

BEFORE COMMENCING CONSTRUCTION OF THE CROSSING AND DRIVEWAY. COUNCIL'S DESIGNED STREET BOUNDARY LEVELS MUST BE OBTAINED AND USED FOR CONSTRUCTION.

THE DESIGN FINISHED SURFACE LEVELS OF THE STREET BOUNDARY MUST BE OBTAINED BY APPLICATION TO COUNCIL AND PAYMENT OF THE APPROPRIATE FEE TO COUNCIL.

STORMWATER DESIGN IS IN ACCORDANCE WITH COUNCIL'S DCP AND WITH AS3500

LEGEND	
RL	REDUCED LEVEL
CL	COVER LEVEL
IL	INVERT LEVEL
GSIP	GRATED SURFACE INLET PIT
OSD	ON-SITE DETENTION
TWL	TOP WATER LEVEL
BWL	BOTTOM WATER LEVEL
TW	TOP OF WALL
IO	INSPECTION OPENING
RWT	RAIN WATER TANK
SP	SEDIMENT PIT
ARI	AVERAGE RECURRENCE INTERVAL
FW	FLOOR WASTE
AHD	AUSTRALIAN HEIGHT DATUM
PSD	PERMISSIBLE SITE DISCHARGE
HED	HIGH EARLY DISCHARGE
RHS	RECTANGULAR HOLLOW SECTION
SS	STAINLESS STEEL
FRC	FIBER REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RRJ	RUBBER RING JOINT
U/S	UNDERSIDE OF SLAB
O/F	OVERFLOW
DR	DROPPER
RWO	RAIN WATER OUTLET
RWH	RAIN WATER HEAD
DP*	PROPOSED DOWNPIPE (100x50/ 90 DIA. U.N.O.)
DPS*	PROPOSED DOWNPIPE SPREADER (100x50/ 90 DIA. U.N.O.)
---	PROPOSED PIPE
---	PROPOSED PIPE
---	PROPERTY BOUNDARY
---	SEDIMENT FENCE

PIPE SCHEDULE			
TAG	PIPE SIZE	COMMENT	LINETYPE
P1	Ø100mm UPVC SEWER GRADE	MIN 1% OR CHARGED TO RAIN WATER TANK	---
P2	Ø100mm UPVC SEWER GRADE	MIN 1% FALL	---
P3	125mm x 50mm RHS	MIN 1% FALL TO BE KERB	---

Impervious Area Calculation	
Site area	: 451.6 m²
Impervious Area	: 260.9 m²
Increase in Impervious Area	: 24.4 m²
No OSD Required < 30 m²	



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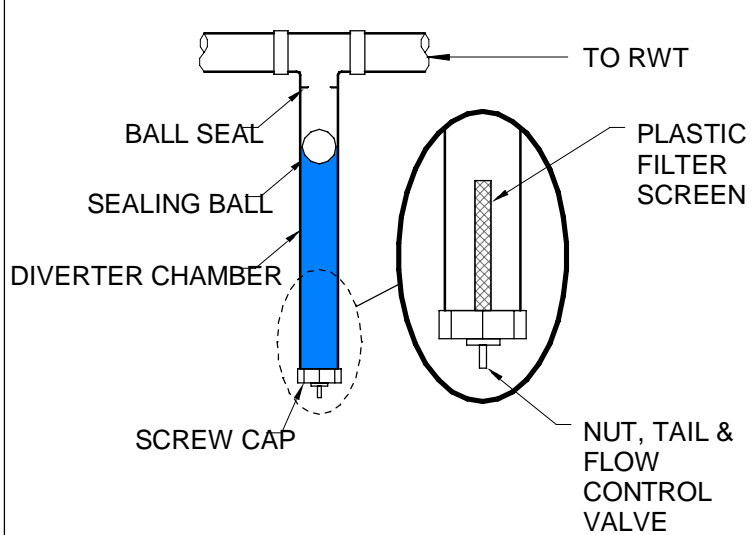
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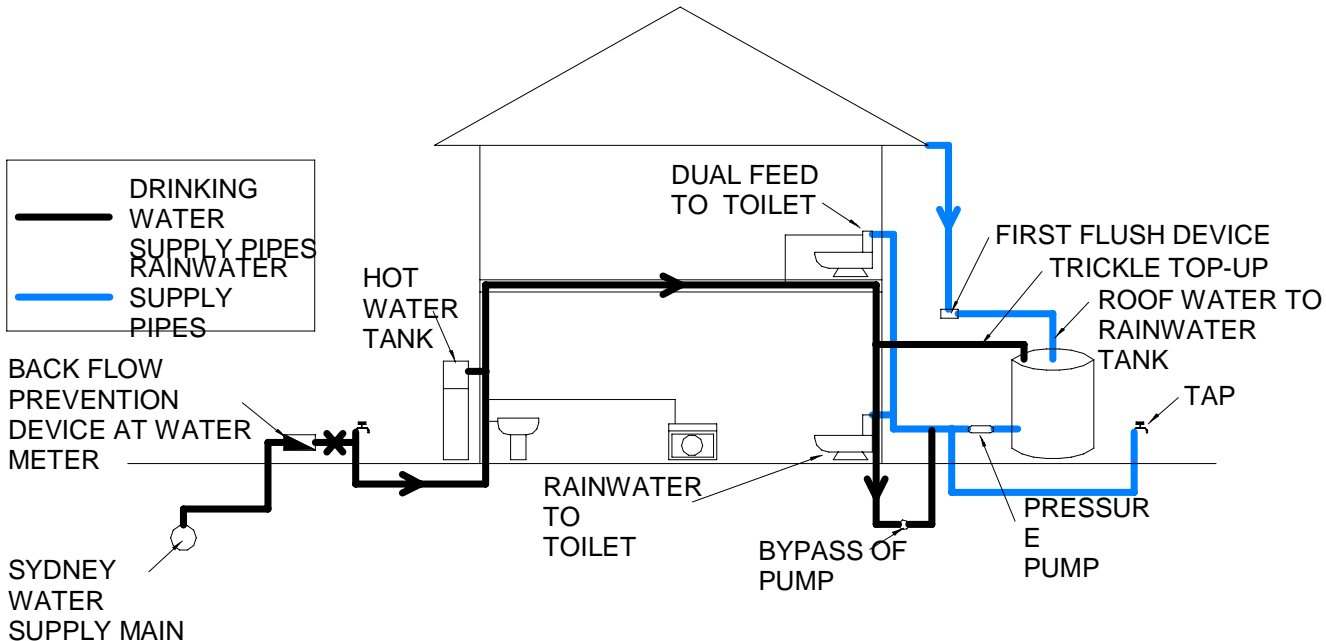
Client
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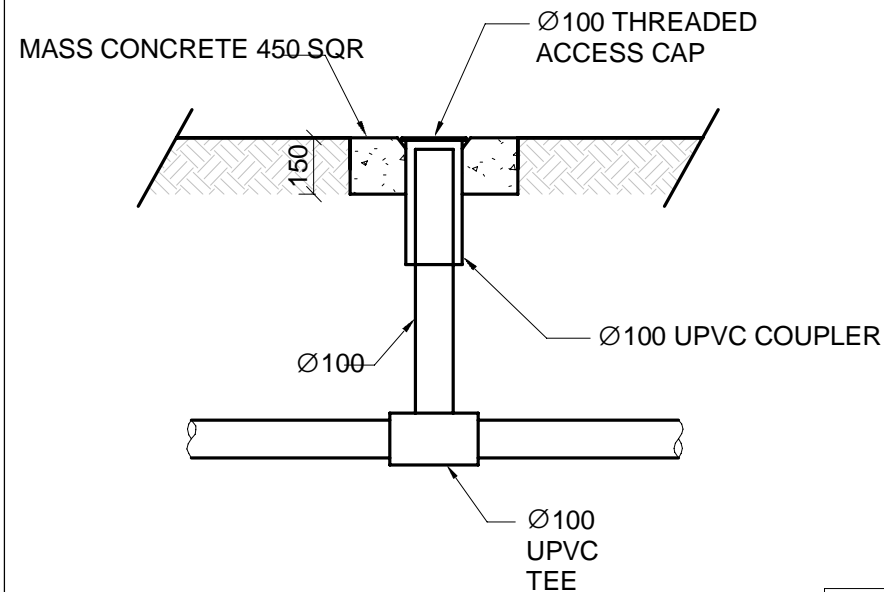
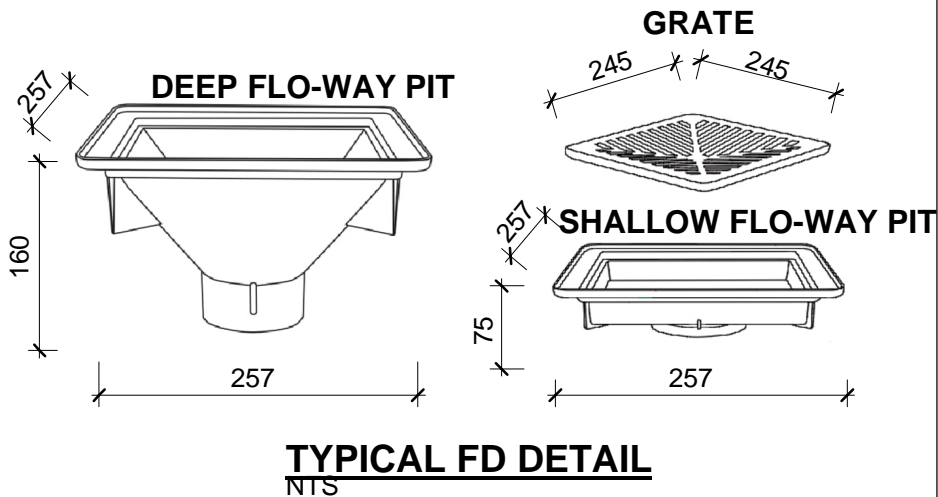
Drawing Title		STORMWATER DRAINAGE PLAN	
Designed	S.D.	Scale	1 : 200
Drawn	A.L.	Date	12.02.2025
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FIRST FLUSH DEVICE
NTS

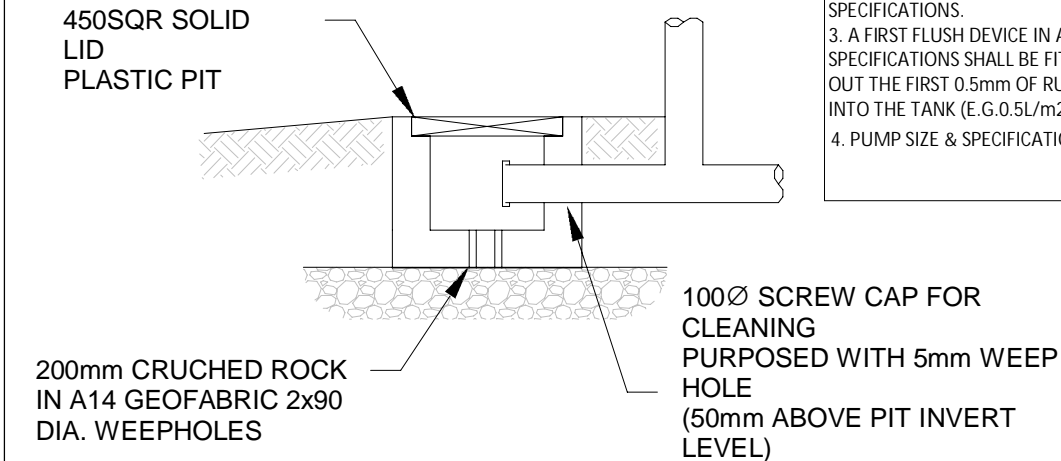


RAINWATER TANK RE-USE DIAGRAM
NTS

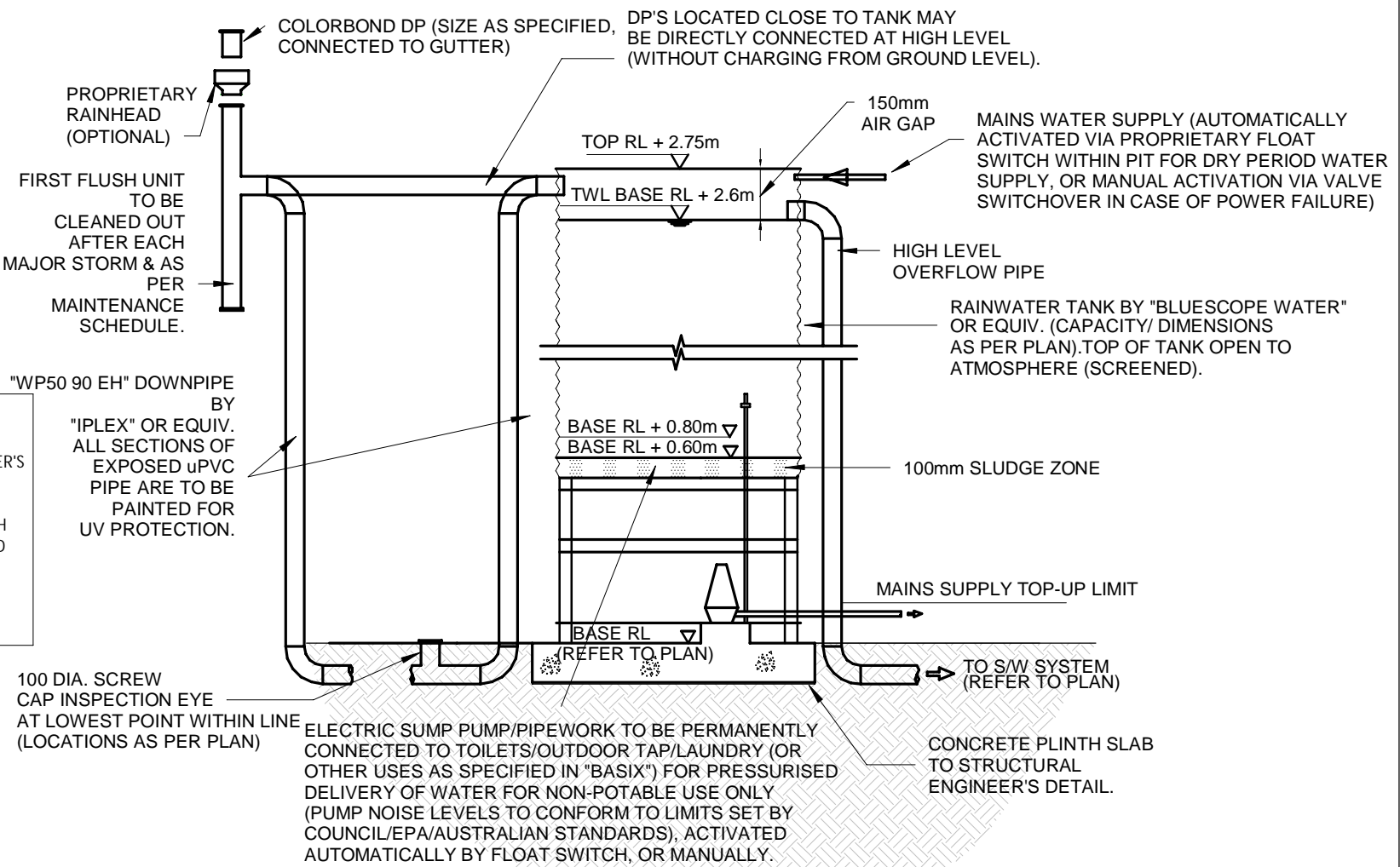


CLEANNING EYE DETAILS
NTS

- RAINWATER TANK NOTES:**
1. RAINWATER TANKS BY KINGSPAN (TEL: 1300 736 562) OR SIMILAR.
 2. DIMENSIONS ARE INDICATIVE ONLY. EXACT DETAILS TO MANUFACTURER'S SPECIFICATIONS.
 3. A FIRST FLUSH DEVICE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS SHALL BE FITTED TO RAINWATER TANK SYSTEM TO FLUSH OUT THE FIRST 0.5mm OF RUN-OFF FROM THE ROOF AREA THAT DRAINED INTO THE TANK (E.G. 0.5L/m²).
 4. PUMP SIZE & SPECIFICATION TO BE NOMINATED BY MANUFACTURER



TYPICAL CHARGE LINE MAINENANCE PIT
NTS



RAINWATER STORAGE TANK DETAIL
NTS

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A	ISSUED FOR DEVELOPMENT APPLICATION	A.L.	12.02.2025

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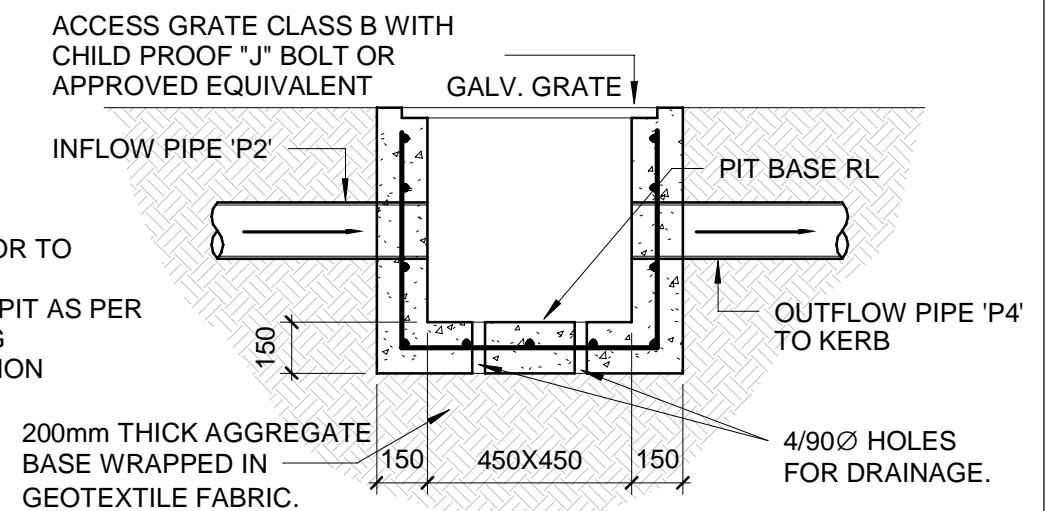
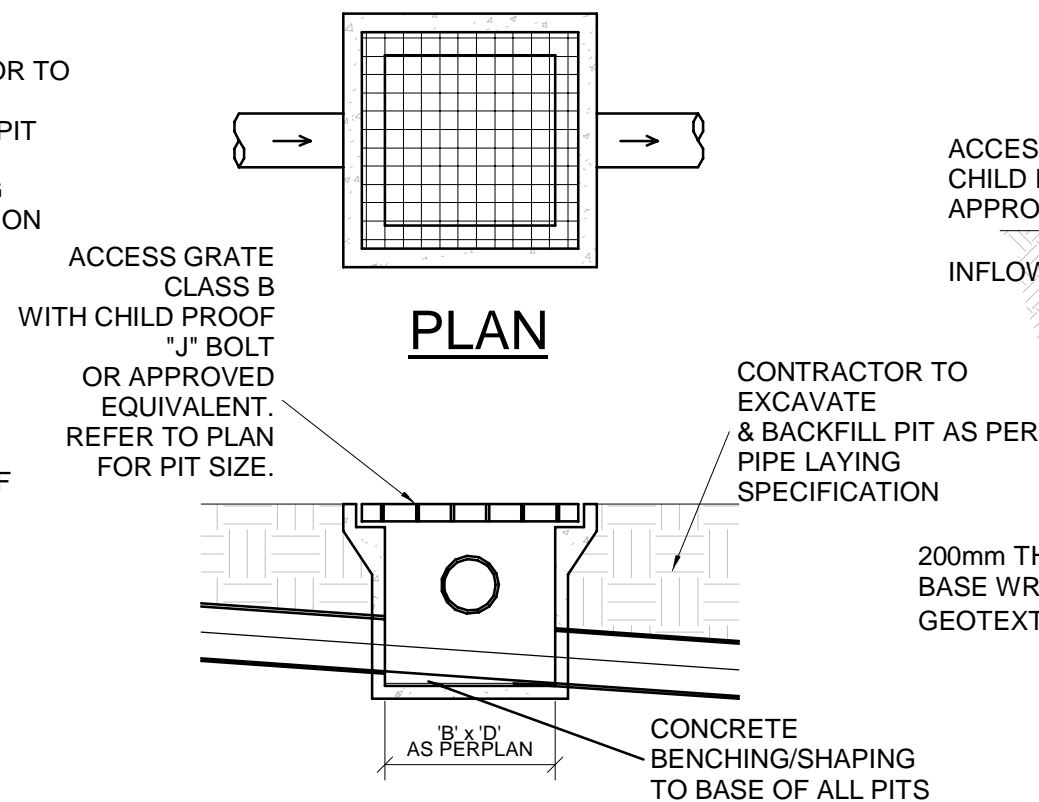
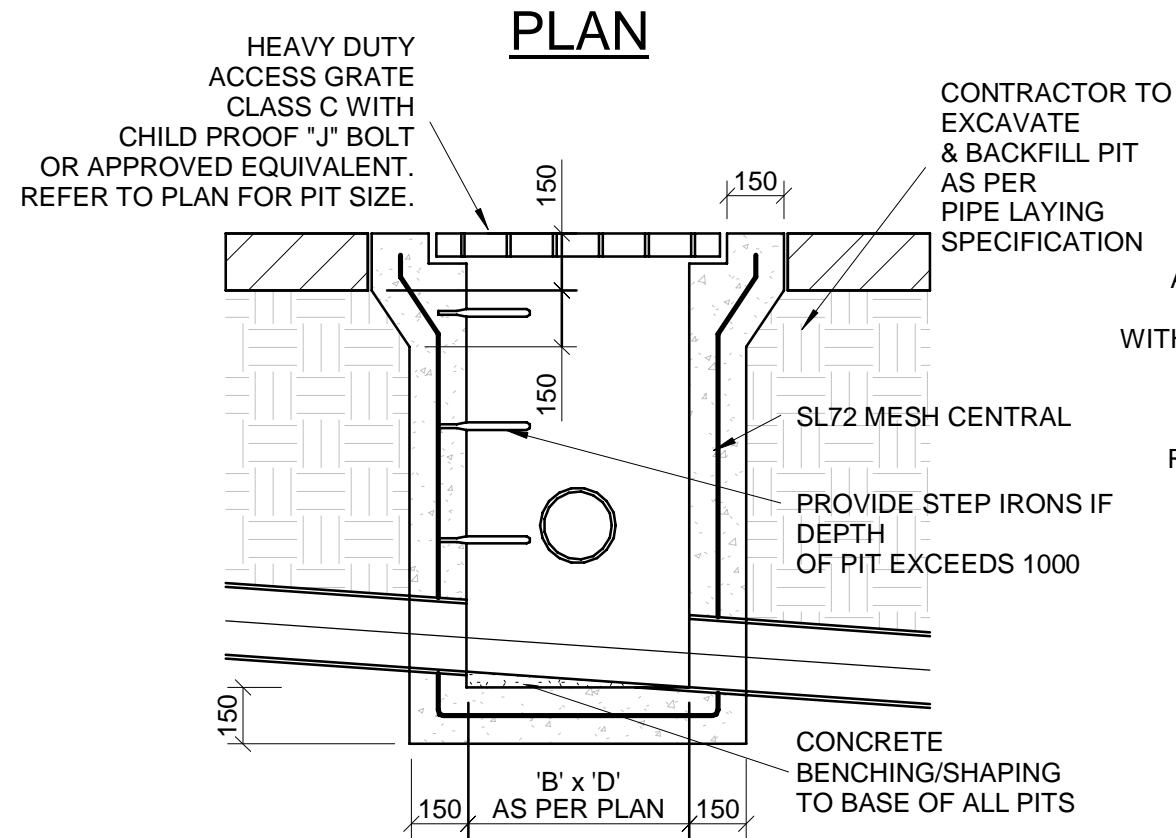
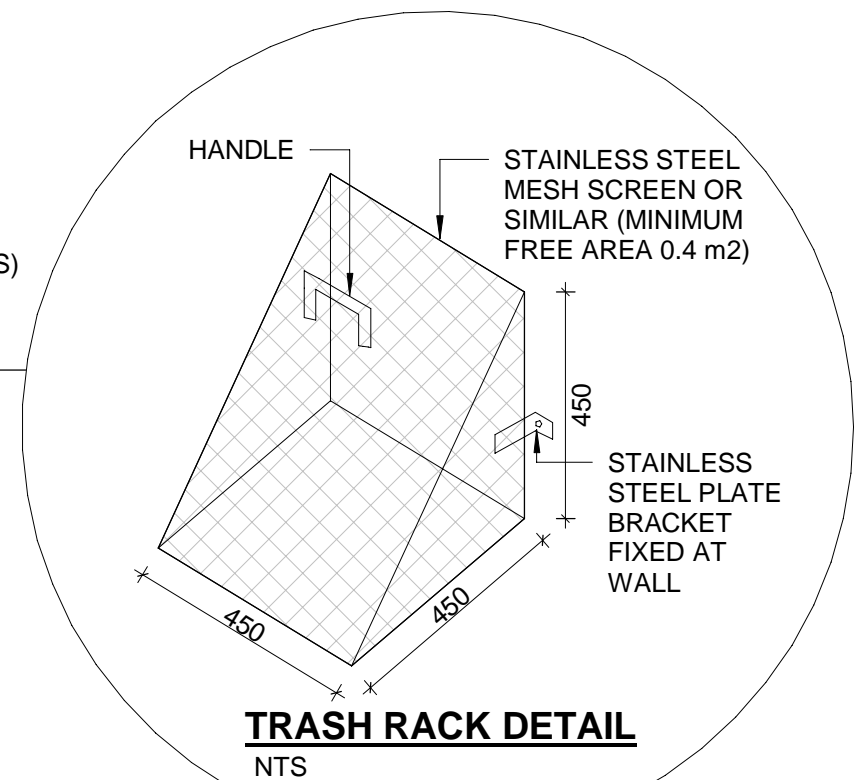
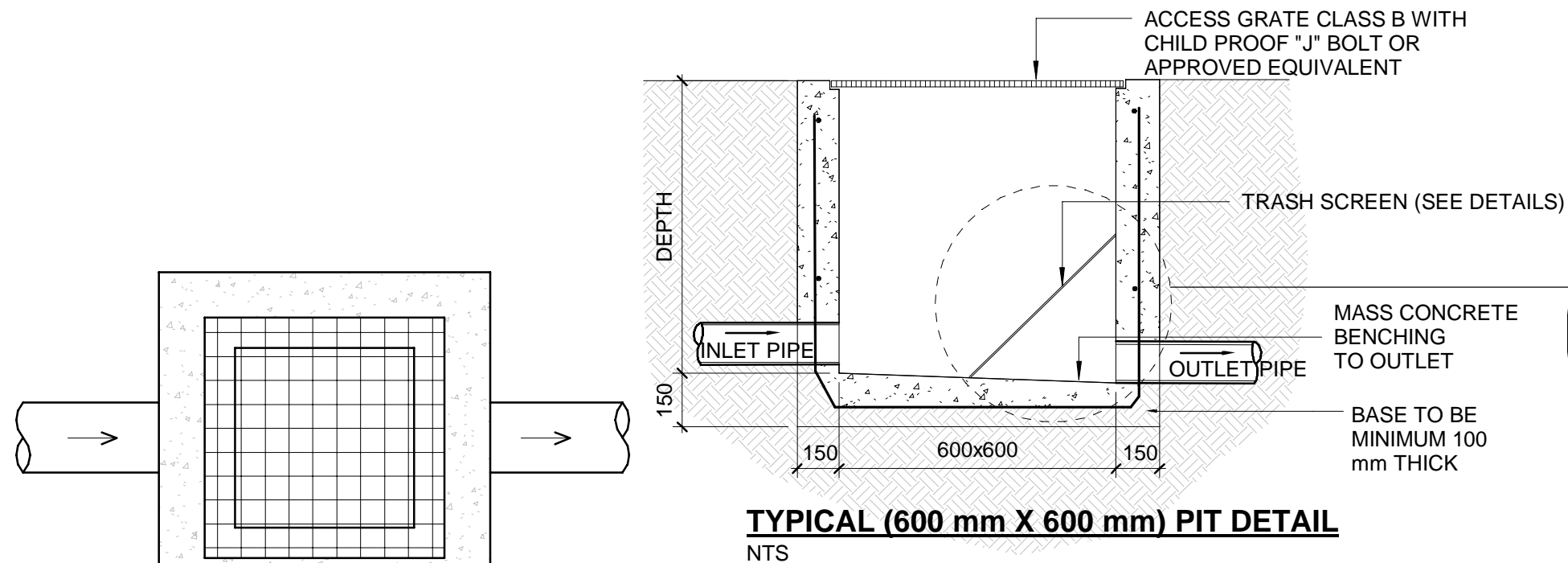
statiker

Suite 4, 259 Northumberland Street, Liverpool NSW 2170, Australia
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Drawing Title STORMWATER DRAINAGE DETAILS			
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Checked	S.D.	Rev	B
Drawing Number	SW-02	Job Number	S-25008



TYPICAL '450x450' DETAIL

NTS

NB: PIT TO BE REINFORCED USING N12 BARS @ 200mm c/c BOTH WAYS, CENTRALLY PLACED. PROPRIETARY PRECAST CONCRETE OR FRC PITS MAY BE USED AS AN ALTERNATIVE, SUBJECT TO COUNCIL/ PCA APPROVAL.

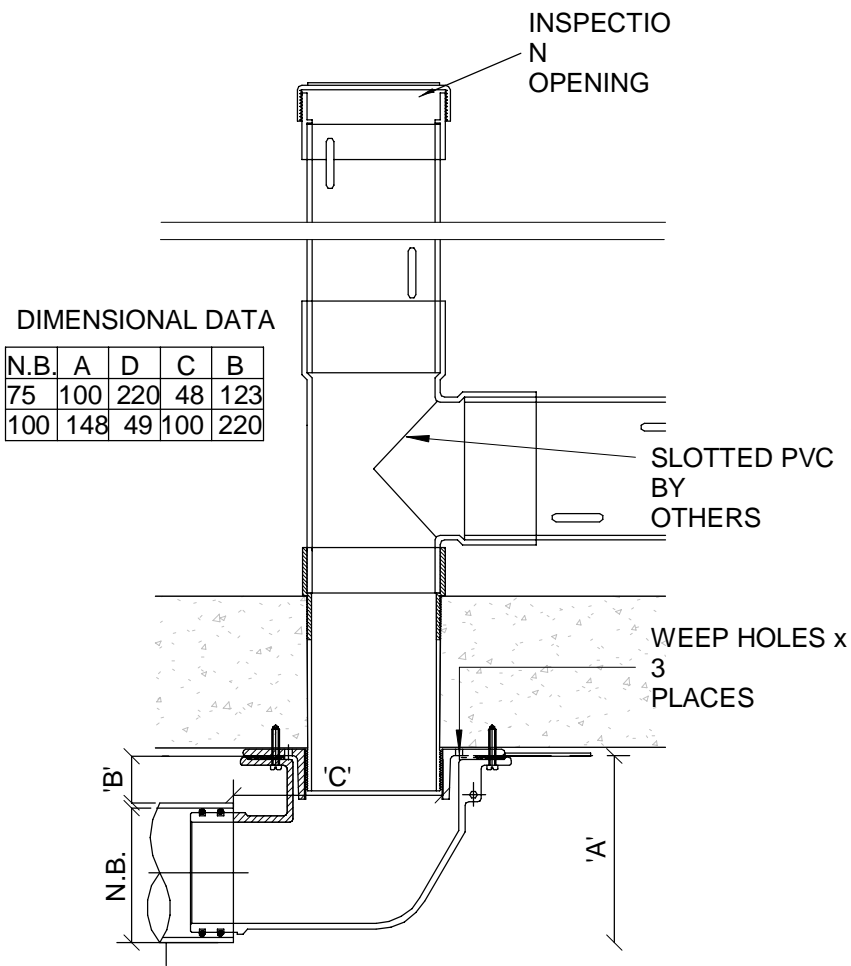
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A	ISSUED FOR DEVELOPMENT APPLICATION	A.L.	12.02.2025

Legend & Notes
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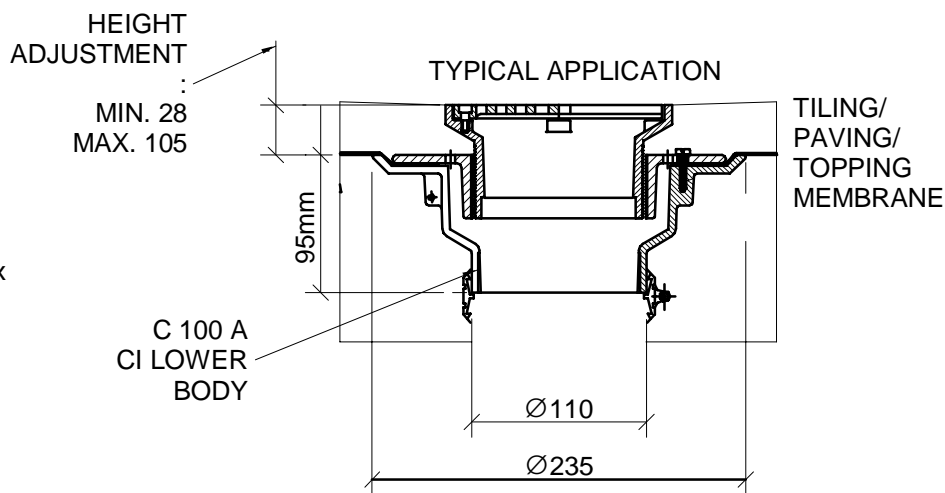
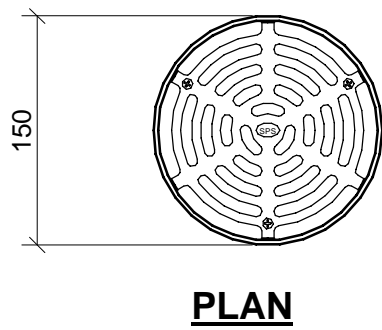
statiker
Suite 4, 259 Northumberland Street, Liverpool NSW 2170, Australia
Ph: 02 8319 9449 | info@statiker.com.au | www.statiker.com.au

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Anwar El-Ache & Said El-Ache
Project Address
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Drawing Title STORMWATER DRAINAGE DETAILS			
Designed	S.D.	Scale	As indicated
Drawn	A.L.	Date	12.02.2025
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Drawing Number	SW-03	Job Number	S-25008

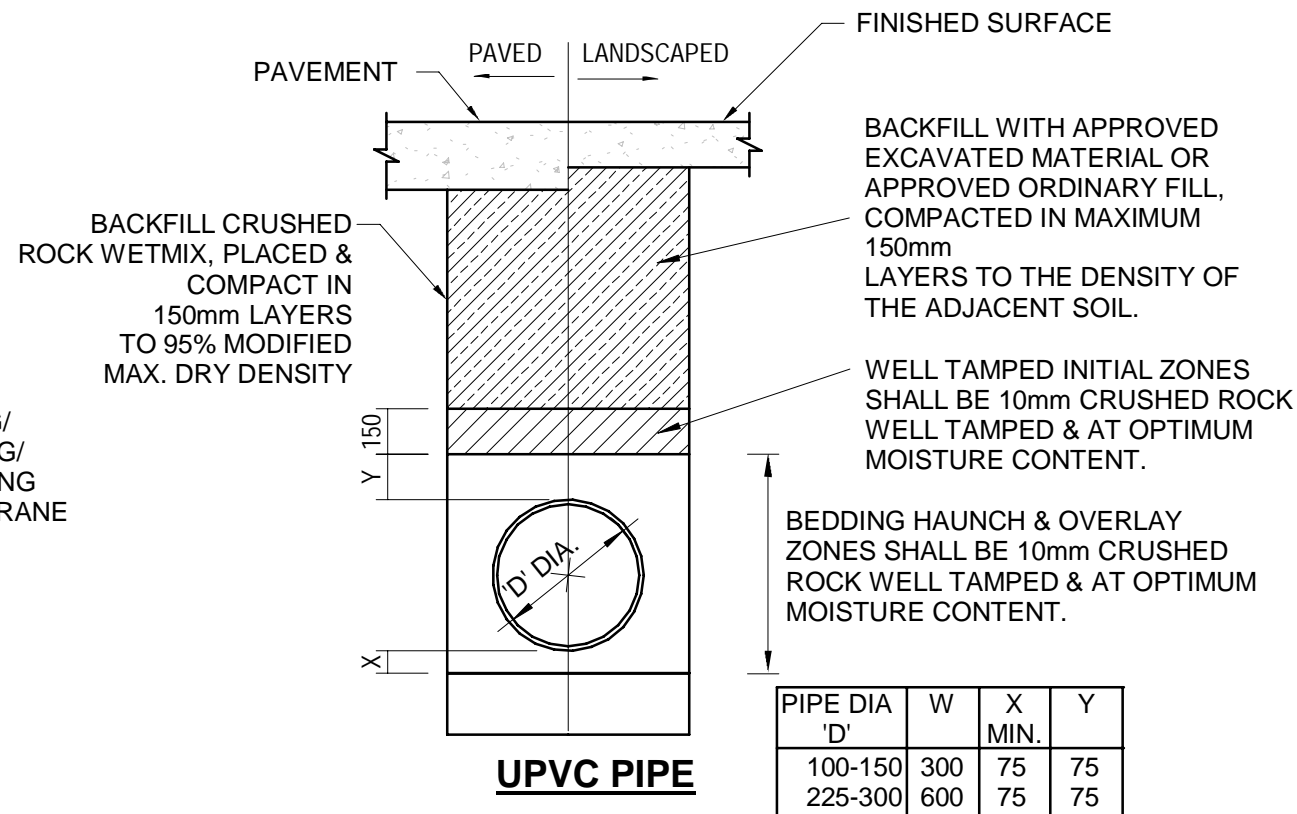


SPS TRUFLO 100SQ OR EQUIVALENT PLANTER BOX DRAIN
NTS



SPS TRUFLO Ø150 OR EQUIVALENT FLOOR DRAINS (FW) INLET IN SUSPENDED SLAB
NTS

SPECIFICATION CODE: R150 G/C (BRONZE GRATE, CI LOWER BODY)
SPECIFICATION CODE: R150N/C (NICKEL - BRONZE GRATE, CI LOWER BODY)



TYPICAL PIPE LAYING DETAIL
NTS

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A	ISSUED FOR DEVELOPMENT APPLICATION	A.L.	12.02.2025

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Suite 4, 259 Northumberland Street, Liverpool NSW 2170, Australia
Ph: 02 8319 9449 | info@statiker.com.au | www.statiker.com.au

Client
Anwar El-Ache & Said El-Ache

Project Address
246 CANTERBURY RD, REVESBY NSW 2212

Drawing Title STORMWATER DRAINAGE DETAILS			
Designed	S.D.	Scale	1 : 100
Drawn	A.L.	Date	12.02.2025
Checked	S.D.	Rev	B
Drawing Number	SW-04	Job Number	S-25008