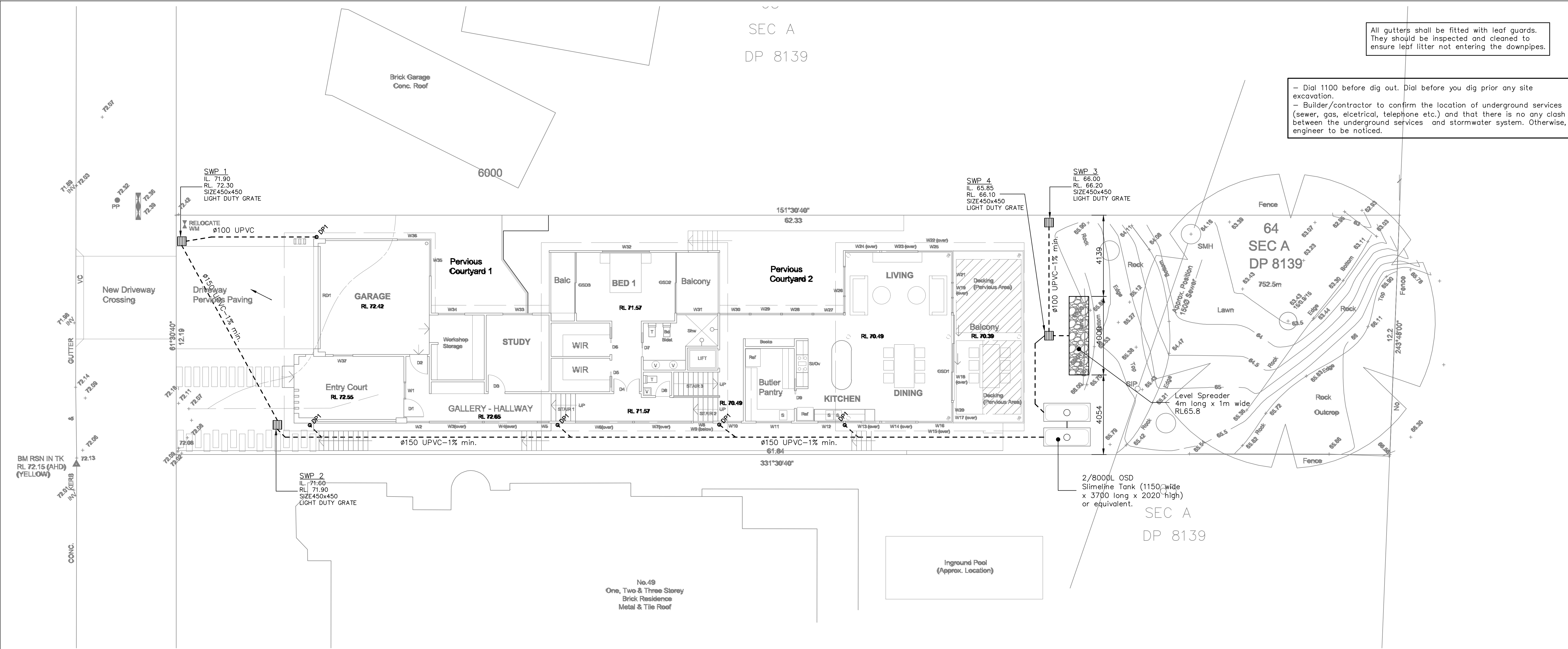




STORMWATER CONCEPT PLAN
SCALE 1 : 100

LEGEND:

- New Stormwater Pipe
DPI New Downpipe
DPI New Downpipe with spreader
SWP1 Stormwater Pit
+ 71.40 Surface Level
IL Invert Level
RL Reduced Level

STORMWATER NOTES:

- The stormwater drainage materials, installation and testing should comply with AS3500 current edition and associated Australian Standard.
- The drainage drawings should be read in conjunction with relevant architectural and structural drawings.
- The contractor shall verify the location and level of existing services prior to the construction works.
- The stormwater drainage pipe layout is indicative only. The contractor should determine the actual layout based on the finished surface level during the construction work.
- All stormwater pipes have a minimum 1% grade unless noted otherwise. All drainage pipes shall be backfilled with sand when laid under paving.
- A licensed surveyor shall confirm the constructed levels.

- THE SITE BELONG TO NORTHERN BEACH COUNCIL
- LOCATED IN REGION 2.
- SITE AREA = 760 sqm
- OSD Volume = 0.0760 x 200 = 15.2 cum
- PSD = 0.0760 x 400 = 30.4 l/s

B	Issue for DA	18-09-2025			
Issue	Revision Description	Date	Issue	Revision Description	Date

ARCHITECT:

BIANCHINO

VTAA P/L
Civil and Structural Engineering Services
ABN 70 660 661 638
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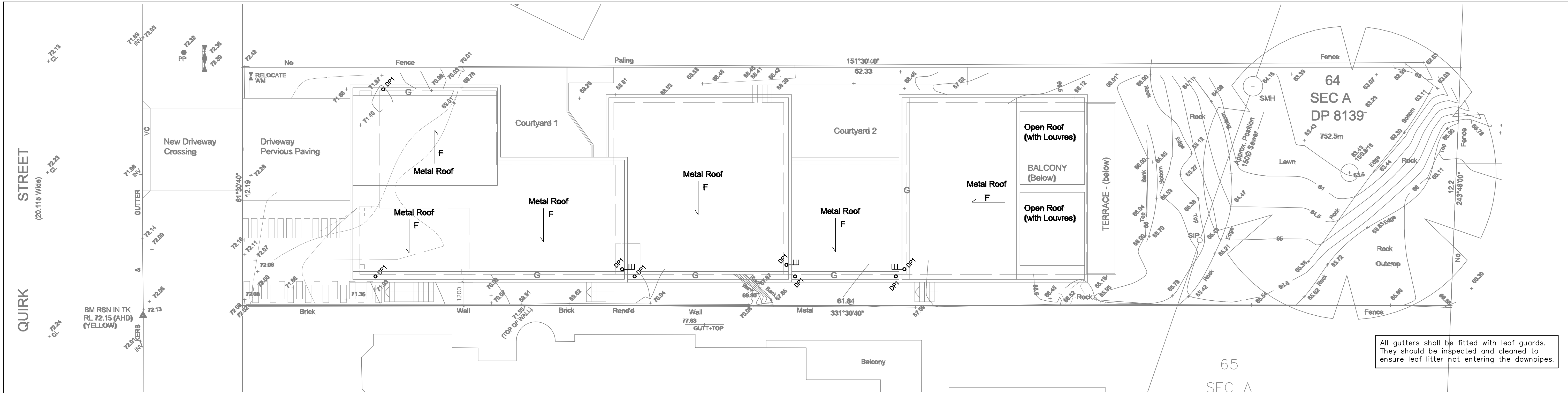
PROJECT:

PROPOSED NEW HOUSE
51 Quirk St, Dee Why NSW 2099

DRAWING TITLE:

STORMWATER CONCEPT PLAN

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Designed	Vinh Tran				
Drawn	E.S				
Checked	Vinh Tran-BE,PhD,MIEAust,CPEng,RPEQ,NER				
Scale: @ A1		Date: 18-09-2025			
Job No:	V678	Dwg. No:	C11	Rev:	B



ROOF PLAN
SCALE 1 : 100

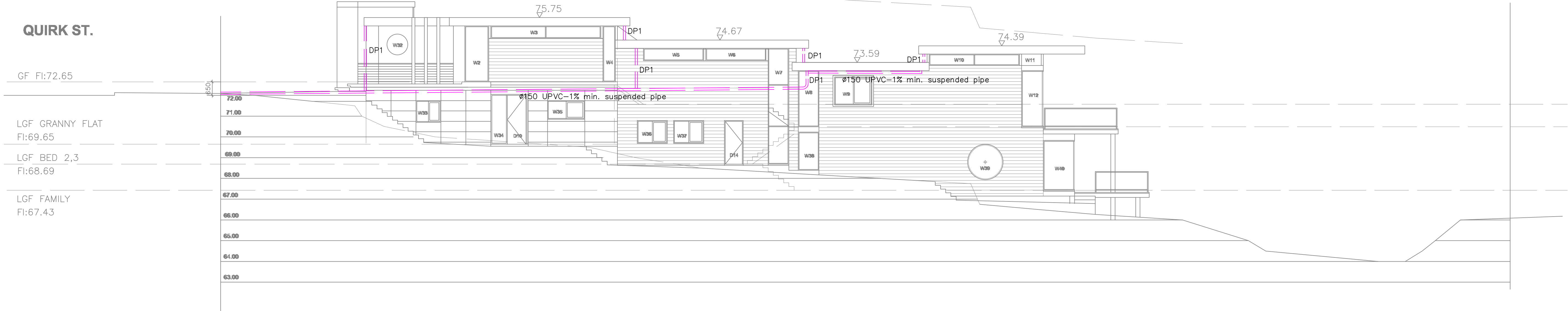
LEGEND:

- New Stormwater Pipe
DP1 New Downpipe
DP1 New Downpipe with spreader
- SWP1 Stormwater Pit
Surface Level
+ 71.40
- IL Invert Level
RL Reduced Level

ROOF DRAINAGE: (AS3500.3)

- Five minutes duration rainfall intensity : 270mm/hour (ARI of 100 years)
- Downpipes : DP1 = 100mm dia.
- Design catchemnt area per downpipe : DP1= 55m²
- Roof gutters: DP1: 12000mm² effective cross sectional area.

QUIRK ST.

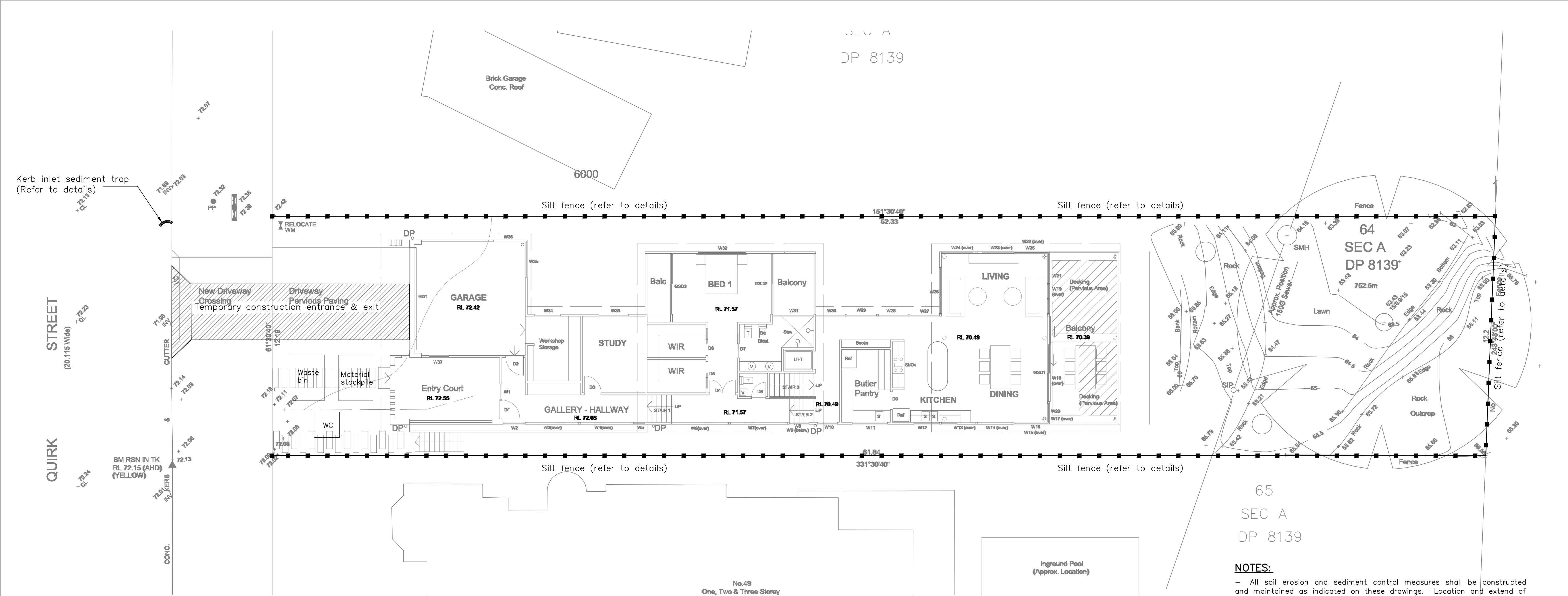


WEST ELEVATION
SCALE 1 : 100

LEGEND:

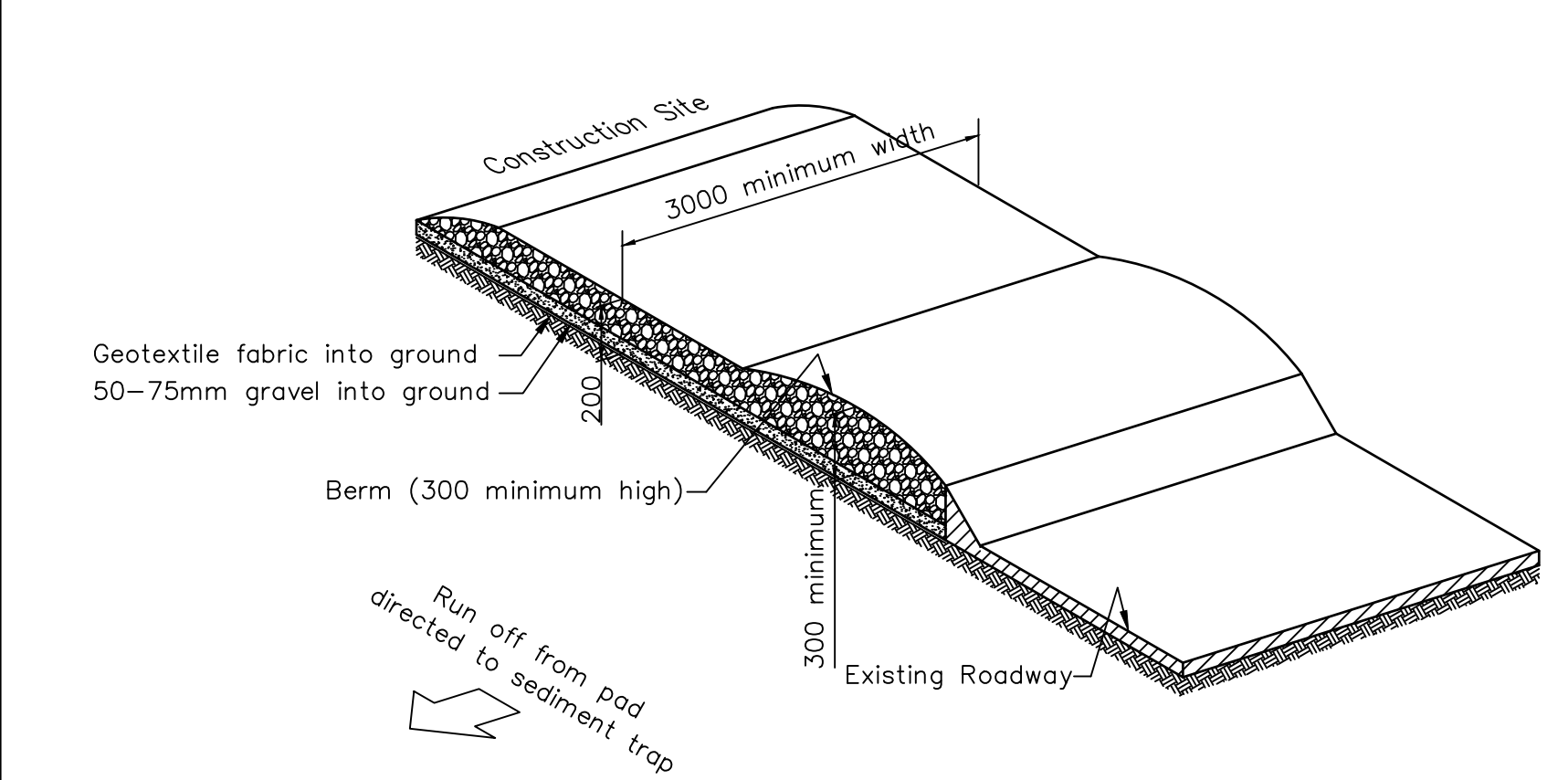
- New Stormwater Pipe
DP1 New Downpipe
DP1 New Downpipe with spreader
- SWP1 Stormwater Pit
Surface Level
+ 71.40
- IL Invert Level
RL Reduced Level

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A	Issue for DA & CC					26-04-2025						ARCHITECT:	VTAA P/L Civil and Structural Engineering Services ABN 70 660 661 638 E: Tngv75@yahoo.com.au M: 0417 441 510			PROJECT:	PROPOSED NEW HOUSE 51 Quirk St, Dee Why NSW 2099		DRAWING TITLE:	ROOF PLAN & WEST ELEVATION			Designed	Vinh Tran	
																				Drawn		E.S			
																				Checked		Vinh Tran-BE,PhD,MIEAust,CPEng,RPEQ,NER			
																				Scale: @ A1		Date: 26-04-2025			
Issue	Revision Description					Date	Issue	Revision Description					Date								Job No: V678		Dwg. No: C12	Rev: A	

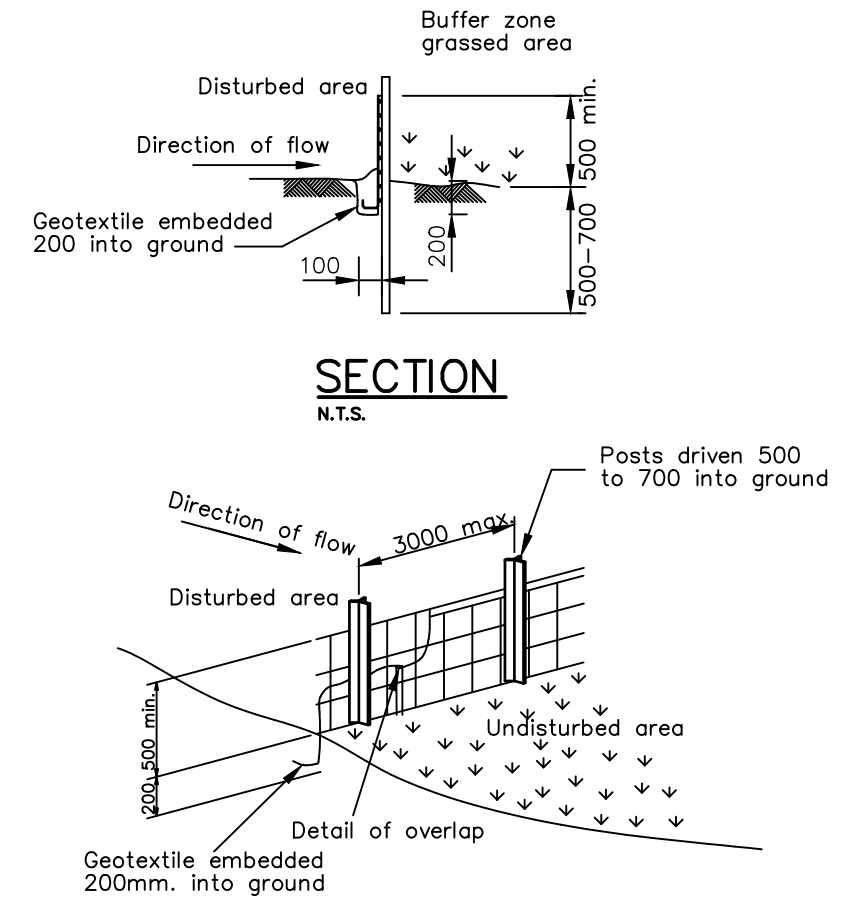


SEDIMENT CONTROL PLAN
SCALE 1 : 100

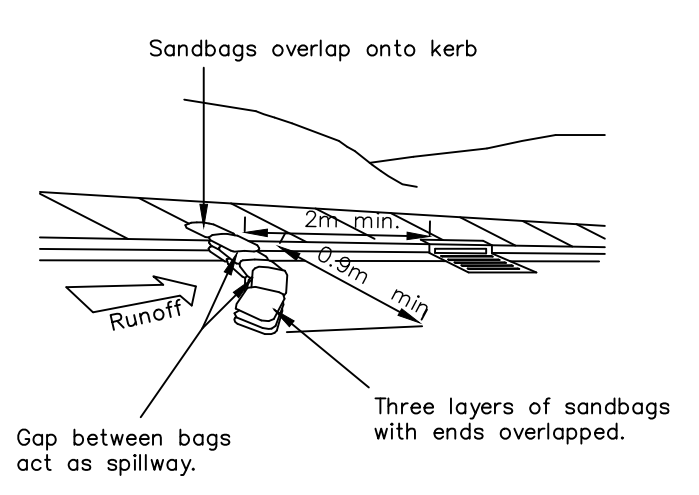
- NOTES:**
- All soil erosion and sediment control measures shall be constructed and maintained as indicated on these drawings. Location and extend of soil and water management is indicative only and the actual requirements shall be confirmed on site prior to commencement.
 - Conformity with this plan shall in no way reduce the responsibility of the contractor to protect against water damage during the course of the contract. The contractors have responsibility to ensure that any necessary control is in place even if such control may not be shown on plan.
 - The contractor shall inform all subcontractors and all employees of their responsibility on minimising the potential for soil erosion and pollution to downstream areas.
 - The contractor shall regularly maintain sediment and erosion control structures and desilt such structures prior to the reduction in capacity of 30% due to accumulative silt. The sediment shall be disposed of on site in a manner approved by the engineer.
 - Contractor to provide construction exit path to prevent soil from truck types to the public roads and drainage.
 - New constructed pits shall be protected from any sediment entry.
 - Other method of sediment control as may be required by the council shall be complied with.



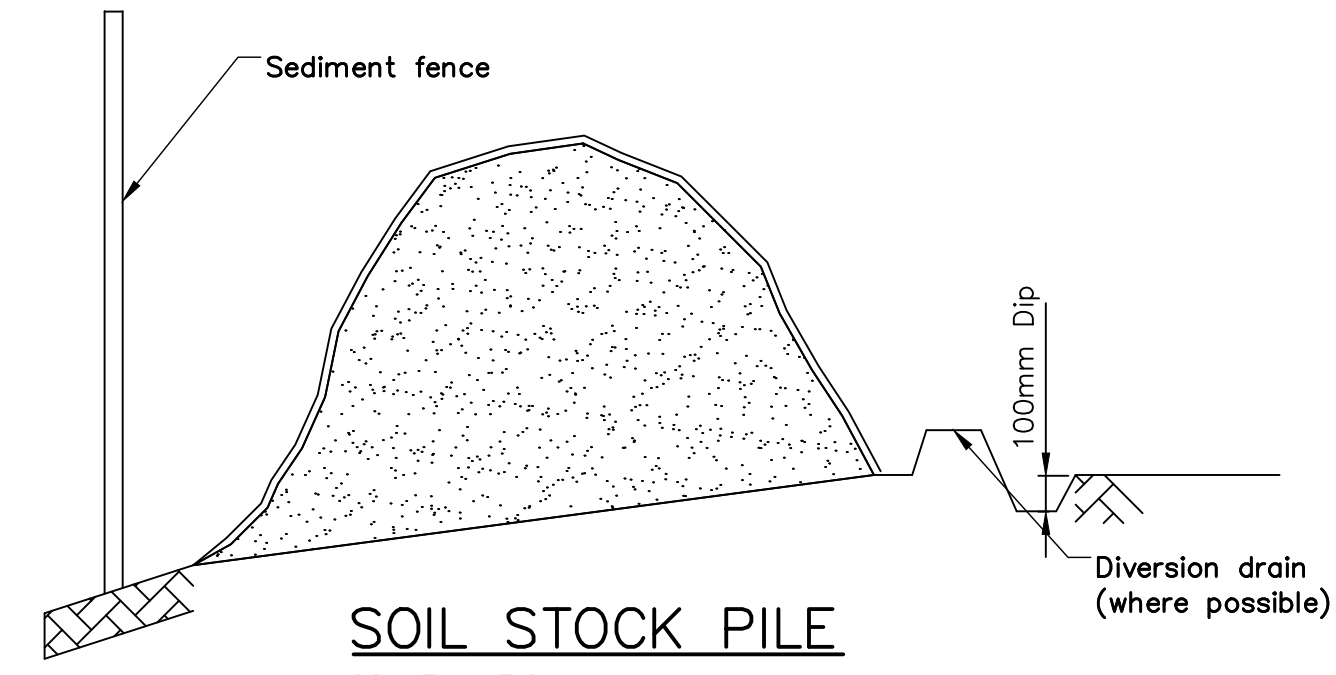
TYPICAL TEMPORARY CONSTRUCTION ENTRANCE/EXIT
N.T.S.



GEOFABRIC LINED "SILT FENCE"
N.T.S.



KERB INLET SEDIMENT TRAP
N.T.S.



SOIL STOCK PILE
SCALE: N.T.S.

A	Issue for DA & CC	26-04-2025			
Issue	Revision Description	Date	Issue	Revision Description	Date

ARCHITECT:	
BIANCHINO	

VTAA P/L Civil and Structural Engineering Services ABN 70 660 661 638 E: Tngv75@yahoo.com.au M: 0417 441 510

PROJECT:	PROPOSED NEW HOUSE 51 Quirk St, Dee Why NSW 2099
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DRAWING TITLE:	SEDIMENT CONTROL PLAN
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Designed	Vinh Tran
Drawn	E.S
Checked	Vinh Tran-BE,PhD,MIEAust,CPEng,RPEQ,NER
Scale: @ A1	Date: 26-04-2025
Job No: V678	Dwg. No: C13 Rev: A

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