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# 10 BEVERLEY PLACE, CURL CURL STORMWATER CONCEPT DESIGN



LOCALITY PLAN NOT TO SCALE

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ARCHITECT

ARCANARY

SHEET No.

DWG. No.

S01-SW100

S01-SW201

S01-SW301 S01-SW302

S01-SW401

CLIENT LGA

**DRAWING INDEX** 

**DRAWING TITLE** 

COVER SHEET & DRAWING INDEX

**EROSION & SEDIMENT CONTROL PLAN & DETAILS** 

STORMWATER CONCEPT DESIGN DETAILS SHEET (1/2)

STORMWATER CONCEPT DESIGN DETAILS SHEET (2/2)

REFINE LIVING



REV.

PREPARED BY

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Project No. 20250031

Drawing No.

S01-SW100

Revision No. A

ISSUED FOR APPROVAL NOT FOR CONSTRUCTION



# -CONTRACTOR TO ENSURE THAT BEVERLEY PLACE STAYS CLEAN FROM SEDIMENT AT ALL TIMES AND DURING VEHICULAR TRAFFIC. D.P.215573 PROVIDE TAP AND HOSE BEHIND FENCE-LINE. ALL TRUCK TIRES MUST BE WASHED DOWN BEFORE DEPARTING. -SITE ENTRY FROM BEVERLEY PLACE. RUBBLE ENTRY TO BE TEMPORARILY INSTALLED (REFER TO DETAIL). LOCATION TO BE CONFIRMED BY ARCHITECT. D.P.14366 D.P.1081890 NATURAL GRADIENT -INDICATIVE LOCATION OF STOCKPILES EROSION AND SEDIMENT CONTROL FENCE TO BE INSTALLED AROUND THE D.P.14366 LOWER SIDES OF PROPERTY BOUNDARY WHERE REQUIRED (REFER TO DETAIL). **EROSION AND SEDIMENT CONTROL**

PUMP -SPRAY SLURRY SURFACE PICK-UP **PERFORATED** BARREL CONTAINING **GYPSUM** 

FLOCCULATION DETAIL NOT TO SCALE

FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAT THE LENGTH OF THE INLET PIT

**CONSTRUCTION NOTES** 

FILL THE SLEEVE WITH 25mm TO 50mm GRAVEL

1. FLOCCULATION TO BE USED IF

WATER IS NOT CLEAR (ie. SEDIMENT GREATER THAN 50 mg/L) PRIOR TO DISCHARGING FROM TEMPORARY PUMP OUT

FOR RATES & AGENTS SEE

HOUSING "MANAGING URBAN

OF NEW SOUTH WALES

SOILS & CONSTRUCTION".

APPENDIX E

DEPARTMENT OF

STORMWATER

FORM AN ELLIPTICAL CROSS-SECTION OF THE KERB INLET LEAVING A 100mm GAP AT THE TOP TO ACT AS AN EMERGENCY SPILLWAY

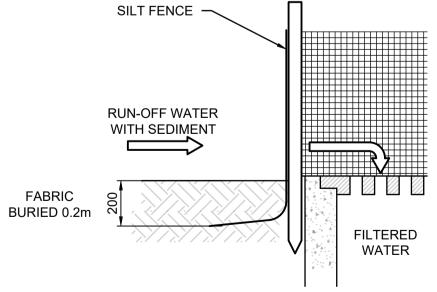
MAINTAIN THE OPENING WITH SPACER BLOCKS

FORM A SEAL WITH THE KERBING AND PREVENT SEDIMENT BYPASSING THE FILTER

FIT TO ALL K

# **EROSION & SEDIMENTATION CONTROL NOTES**

- 1. CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. TIE 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.
- 2. EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- 3. NO PARKING OR STOCKPILING OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- 4. GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- 5. 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



GEOTEXTILE INLET FILTER NOT TO SCALE

SEDIMENT

**RUNOFF WATER** 

WITH SEDIMENT

#### GENERAL NOTES

- 1. 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.
- 2. ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

### GEOTEXTILE INLET FILTER

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

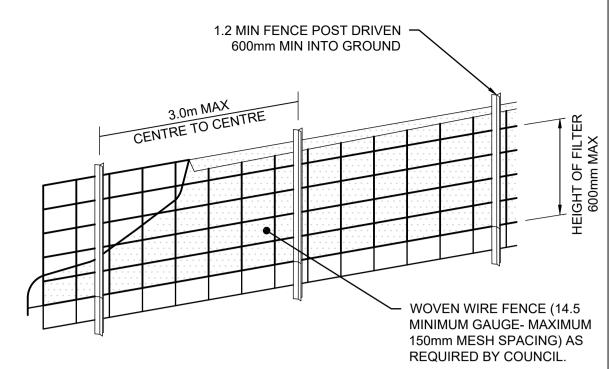
### **CLAY SOILS**

A SYSTEM SHALL BE INSTALLED TO EITHER:

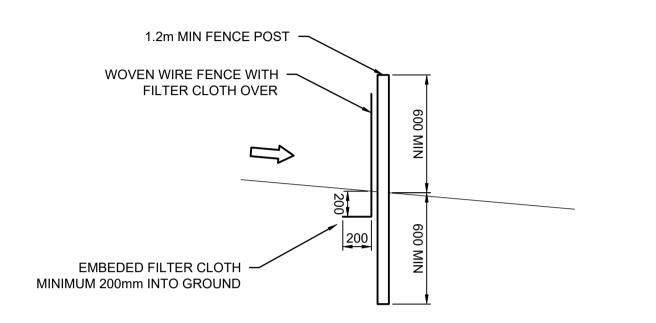
- 1. TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
- 2. TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN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

GRAVEL FILLED WIRE MESH OR GEOTEXTILE 'SAUSAGE'

TIMBER SPACER TO SUIT

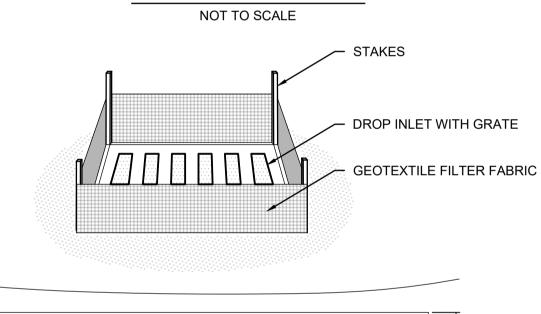


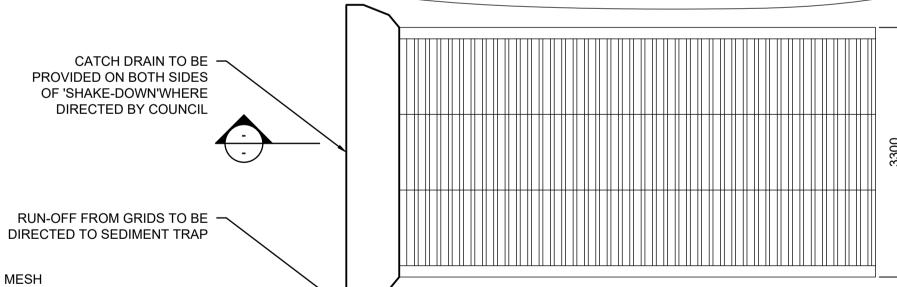
DIAGRAMMATIC VIEW

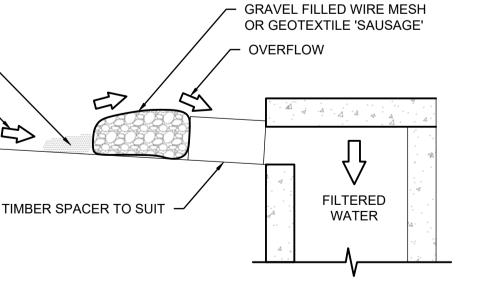


TYPICAL SECTION









NOT TO SCALE

KERB-SIDE INLET

**GRANULAR BEDDING GRAVEL INLET FILTER (SAUSAGE)** 

3 OFF HUMES PRECAST · CATTLE GRID OR APPROVED EQUIVALENT RAMP 2100 2100 2100 50mm THICK

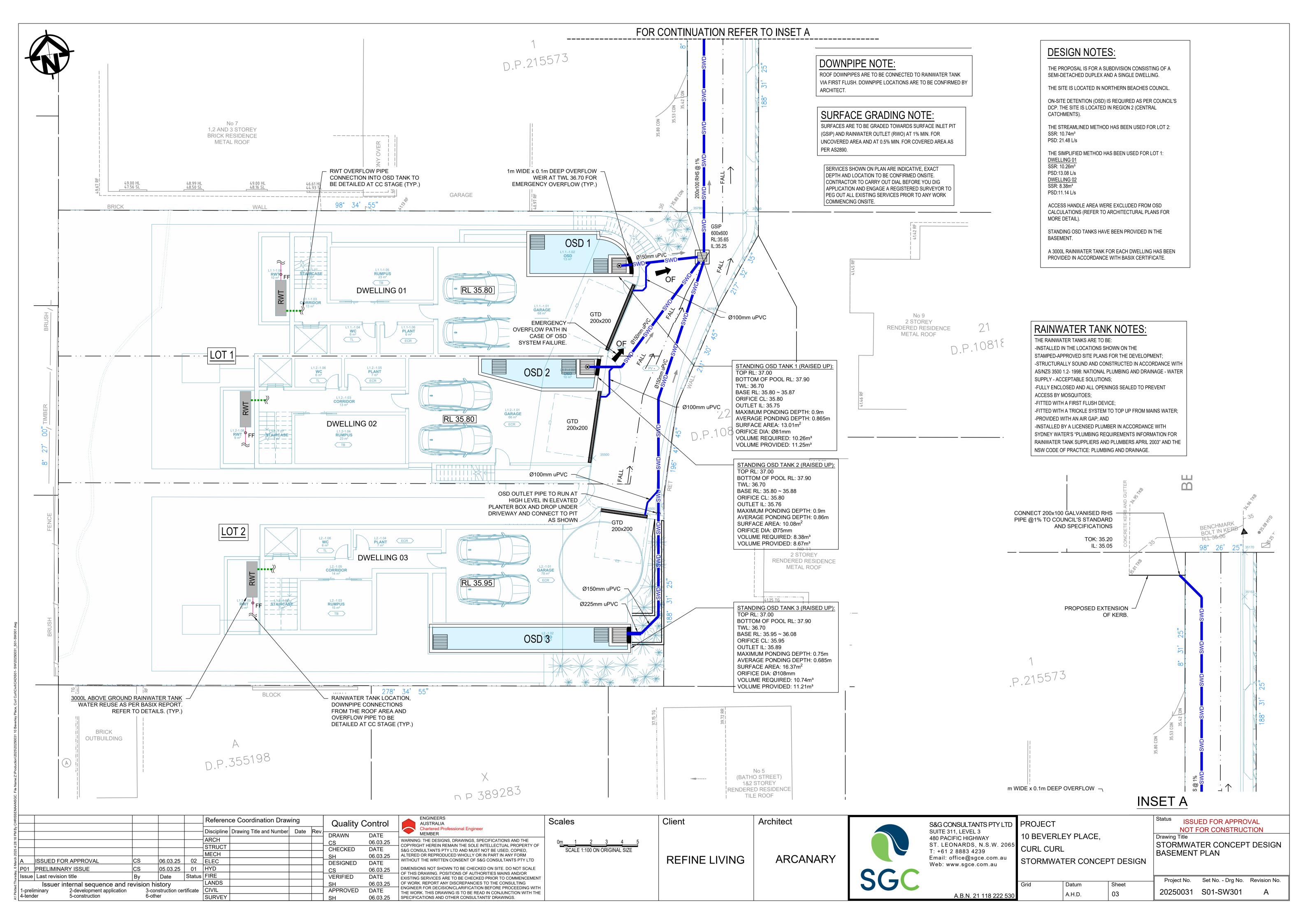
TYPICAL SECTION

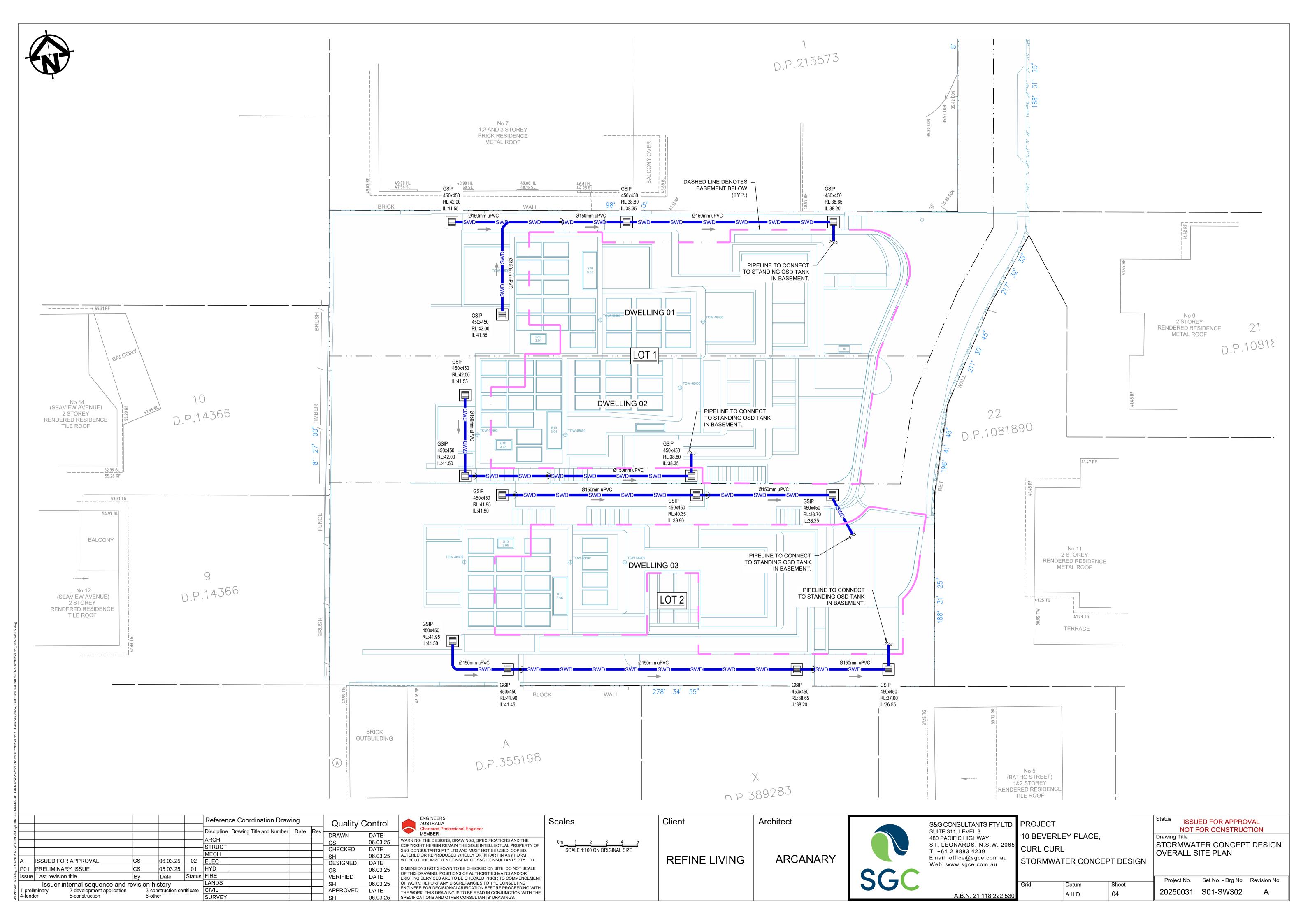
PLAN VIEW

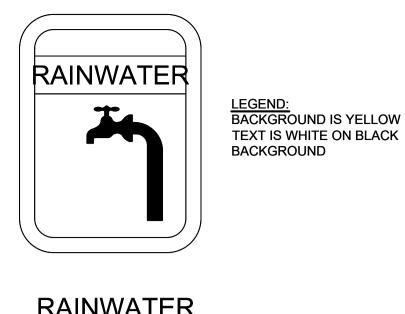
#### 'CATTLE GRID' ALTERNATIVE TEMPORARY CONSTRUCTION EXIT - NOT TO SCALE

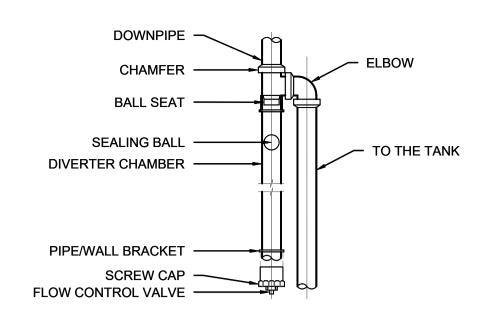
LL KERB INLETS AT SAG POINTS	ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.				
	Reference Coordination Drawing Quality Control ENGINEERS	Scales	Client	Architect	

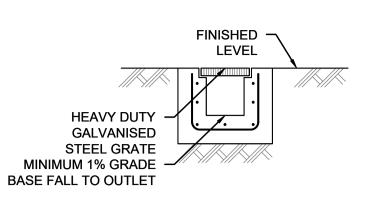
3 PM By CHRISSE		Reference Coordination Drawing  Discipline Drawing Title and Number Date F		Control	ENGINEERS AUSTRALIA Chartered Professional Engineer MEMBER	Scales	Client	Architect		S&G CONSULTANTS PTY LTD SUITE 311, LEVEL 3 480 PACIFIC HIGHWAY	PROJECT 10 BEVERLEY PLACE,	Status ISSUED FOR APPROVAL NOT FOR CONSTRUCTION Drawing Title
A ISSUED FOR APPROVAL CS	06.03.25 02	ARCH STRUCT MECH 2 ELEC	CS CHECKED SH DESIGNED	06.03.25	WARNING: THE DESIGNS, DRAWINGS, SPECIFICATIONS AND THE COPYRIGHT HEREIN REMAIN THE SOLE INTELLECTUAL PROPERTY OF S&G CONSULTANTS PTY LTD AND MUST NOT BE USED, COPIED, ALTERED OR REPRODUCED WHOLLY OR IN PART IN ANY FORM WITHOUT THE WRITTEN CONSENT OF S&G CONSULTANTS PTY LTD	0 <u>m 2,5 5 7,5 10 12,5</u> SCALE 1:250 ON ORIGINAL SIZE	REFINE LIVING	ARCANARY		ST. LEONARDS, N.S.W. 2065 T: +61 2 8883 4239	•	EROSION & SEDIMENT CONTROL PLAN & DETAILS
P01 PRELIMINARY ISSUE  Issue Last revision title  Issuer internal sequence and revision 1-preliminary 4-tender  1-preliminary 2-development application 5-construction  3-construction  3-construction	05.03.25 01 Date State  Distory  Construction certificate  ther	1 HYD tus FIRE LANDS CIVIL SURVEY	CS VERIFIED SH APPROVED SH	06.03.25 DATE 06.03.25	DIMENSIONS NOT SHOWN TO BE CHECKED ON SITE. DO NOT SCALE OF THIS DRAWING. POSITIONS OF AUTHORITIES MAINS AND/OR EXISTING SERVICES ARE TO BE CHECKED PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE CONSULTING ENGINEER FOR DECISION/CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER CONSULTANTS' DRAWINGS.				SGC	A.B.N. 21 118 222 530	Grid Datum Sheet A.H.D. 02	Project No. Set No Drg No. Revision No. 20250031 S01-SW201 A







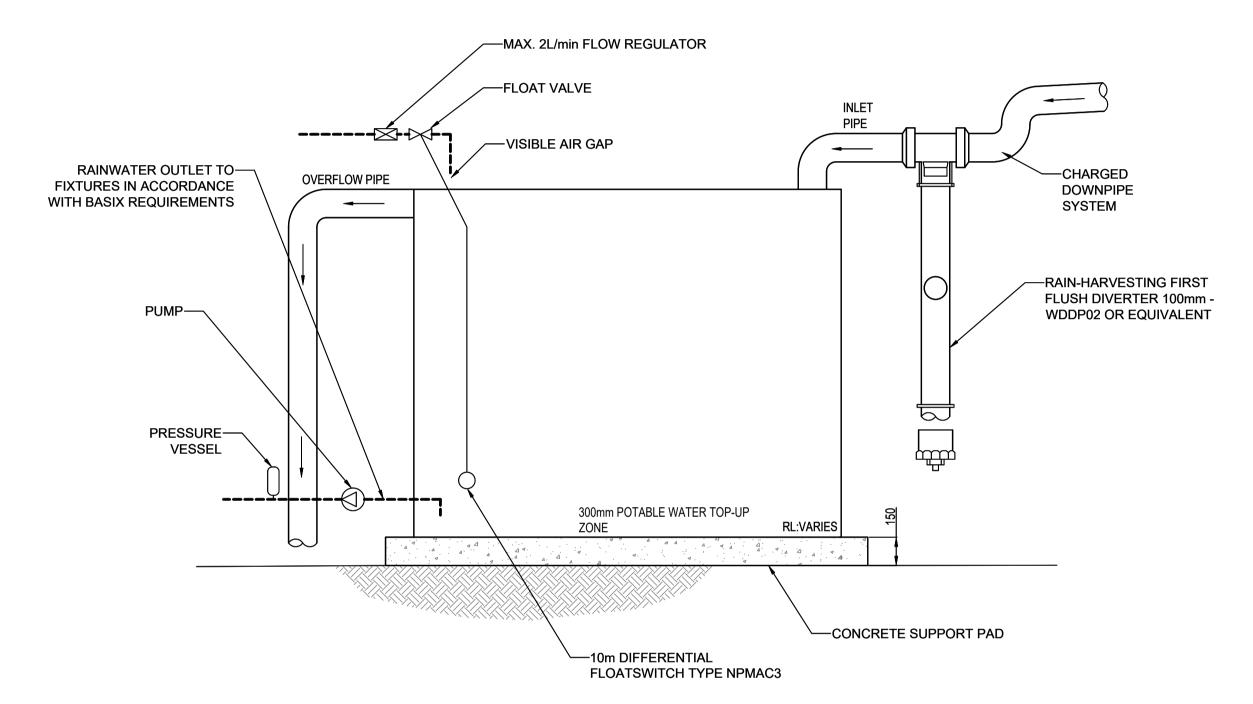


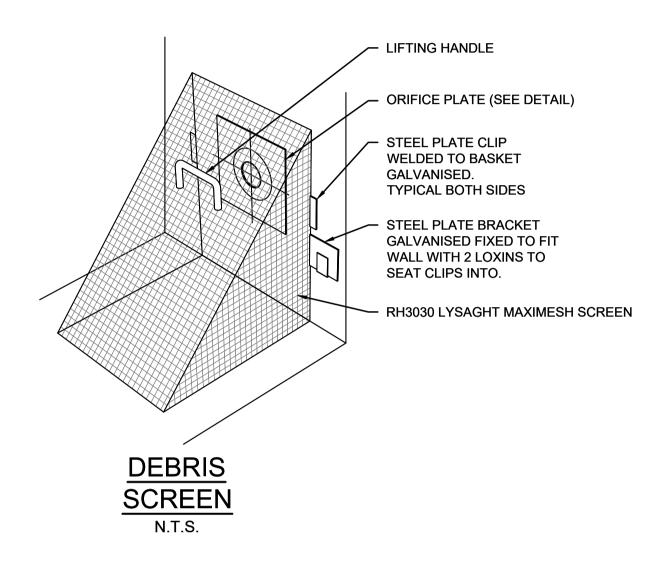


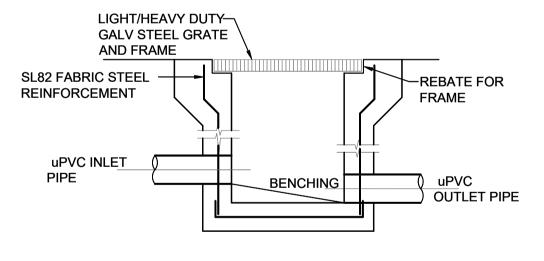
**GRATED TRENCH** DRAIN N.T.S.

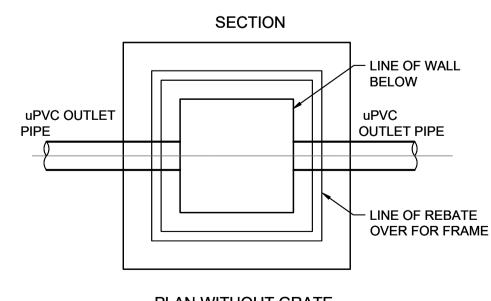








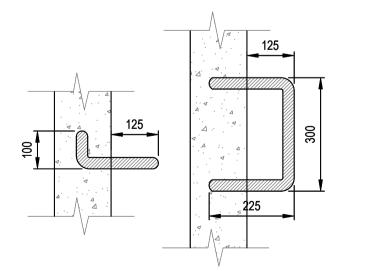




## PLAN WITHOUT GRATE STORMWATER PIT

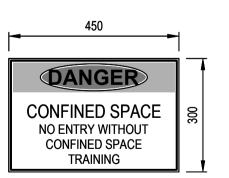
Architect

# STANDARD RAINWATER TANK DETAIL (TYP.)





6-other



CONFINED N.T.S.

**Quality Control** 

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06.03.25

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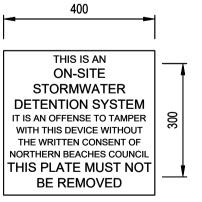
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VERIFIED

APPROVED



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Scales

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2-development application

5-construction

Issue Last revision title

1-preliminary

4-tender

Reference Coordination Drawing Discipline Drawing Title and Number Date Rev ARCH STRUCT MECH 06.03.25 02 ELEC 05.03.25 01 HYD Status FIRE Date LANDS Issuer internal sequence and revision history CIVIL 3-construction certificate SURVEY

AUSTRALIA Chartered Professional Engineer
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JECT	Status ISSUED FOR APPROVAL NOT FOR CONSTRUCTION
EVERLEY PLACE, RL CURL RMWATER CONCEPT DESIGN	Drawing Title STORMWATER CONCEPT DESIGN DETAILS SHEET (1/2)

Set No. - Drg No. Revision No.

20250031 S01-SW401

GRATED SURFACE INLET PIT GRATED SURFACE INLET PIT WITH ENVIROPOD INSERT JUNCTION PIT GRATED TRENCH DRAIN RWO RAINWATER OUTLET O CO CLEAR OUT POINT DDO DISH DRAIN OUTLET PD PLANTER DRAIN DOWNPIPE DROP ulletDP DOWNPIPE WARNING LIGHT ◆ 00.00 FINISH SURFACE LEVEL ABBREVIATIONS: Ø or DIA DIAMETER CO **CLEAR OUT** DDO DP DISH DRAIN OUTLET DOWNPIPE **EXISTING** FINISHED FLOOR LEVEL FFL GRATED TRENCH DRAIN GTD GSIP GRATED SURFACE INLET PIT INVERT LEVEL KIP KERB INLET PIT NGL NATURAL GROUND LEVEL OFP OSD RCP OVERLAND FLOWPATH ON-SITE DETENTION REINFORCED CONCRETE PIPE RL REDUCED LEVEL

> RAINWATER TANK STORMWATER

> STORMWATER PIT

TOP OF KERB

TOP OF WALL

A.H.D.

STORMWATER SUMP

STORMWATER RISING MAIN

SITEWORKS LEGEND

STORMWATER LINE

SUBSOIL LINE

STORMWATER LINE TO RAINWATER TANK

AUTHORITY OVER HEAD ELECTRICITY LINE

AUTHORITY UNDERGROUND ELECTRICITY LINE

RAINWATER TANK OVERFLOW PIPE

STORMWATER RISING MAIN

**AUTHORITY SEWER LINE** 

**AUTHORITY WATER LINE** 

**AUTHORITY COMMS LINE** 

**AUTHORITY GAS LINE** 

