PROPOSED CHILDCARE 31 TELOPEA STREET, PUNCHBOWL STORMWATER DRAINAGE DESIGN



	DRAWINGS LIST									
SHEET No.	DWG No.	DWG No. TITLE								
1	SW100	COVER SHEET	D							
2	SW200	STORMWATER CONCEPT DESIGN - BASEMENT PLAN	D							
3	SW201	STORMWATER CONCEPT DESIGN - GROUND FLOOR PLAN	D							
4	SW202	STORMWATER CONCEPT DESIGN - ROOF PLAN	D							
5	SW300	STORMWATER CONCEPT DESIGN - DETAILS SHEET	D							
6	SW400	EROSION AND SEDIMENT CONTROL - PLAN AND DETAILS	D							
7	SW500	STORMWATER CONCEPT DESIGN - OSD CATCHMENT PLAN & DRAINS MODEL RESULT	D							

LOCALITY PLAN

NOT TO SCALE

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S&G CONSULTANTS PTY LTD
SUITE 311, LEVEL 3
480 PACIFIC HIGHWAY
ST. LEONARDS, N.S.W. 2065
T: +61 2 8883 4239
Email: office@sgce.com.au
Web: www.sgce.com.au

CLIENT:

TONY GEAGEA

PUMP-OUT PIT NOTE:

INSTALL WITH THE FOLLOWING ITEMS:

ACCESS AND MAINTENANCE PURPOSES.

FOR PUBLIC AWARENESS AND WARNING. -STEP IRONS. REFER TO DETAILS.

-PUMPOUT PIT CONTROL BOX (CTRL) TO

BE CONFIRMED WITH ARCHITECT.

WITH 10L/s OUTFLOW FOR 5m HEAD

MINIMUM PUMPOUT PIT SIZE IS 3m3.

BASEMENT DRAINAGE DESIGN SUBJECT TO

NOTES

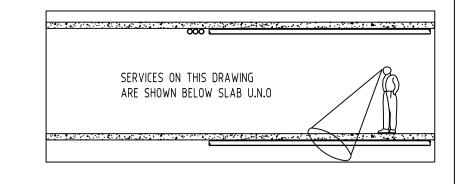
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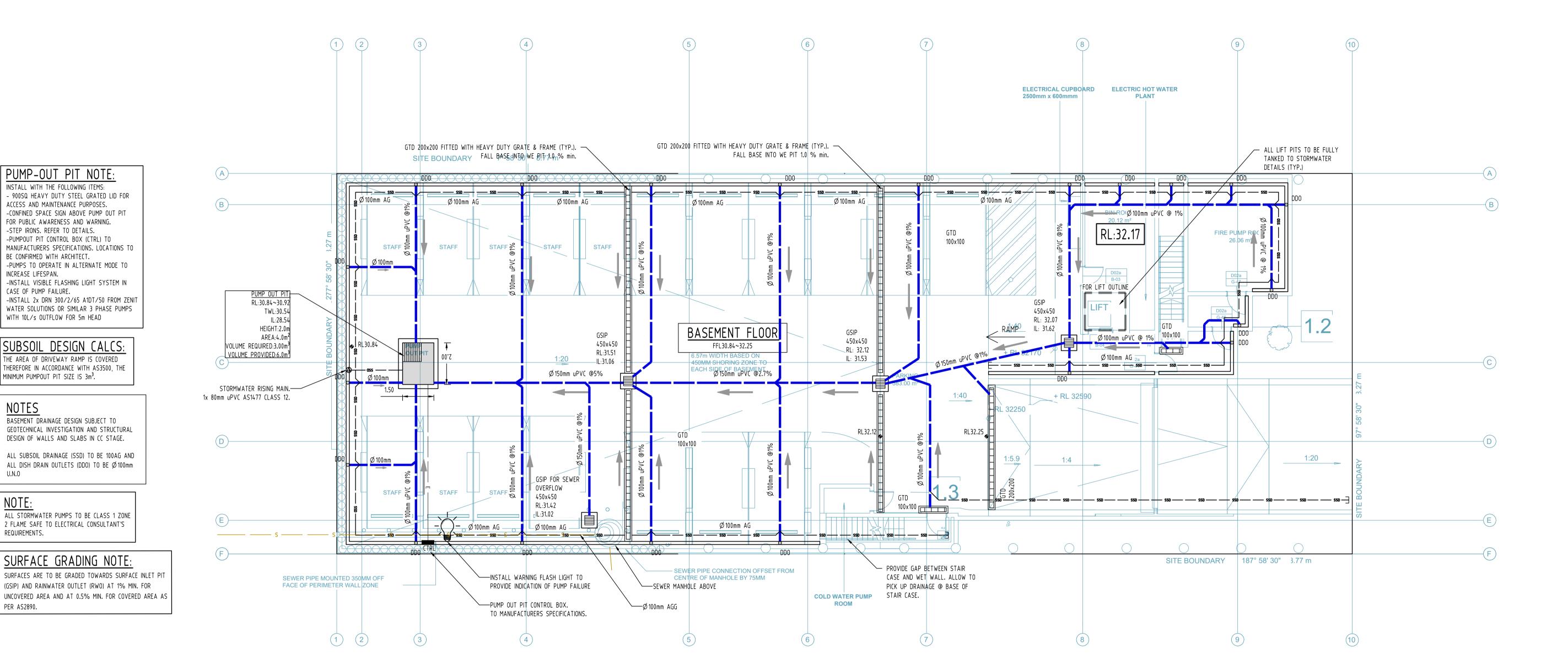
REQUIREMENTS.

PER AS2890.

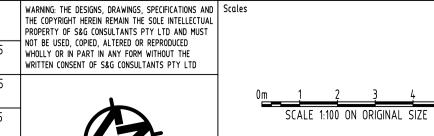
INCREASE LIFESPAN.

CASE OF PUMP FAILURE.





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P5	PRELIMINARY ISSUE	ES	22.10.24	1	Discipline	Drawing Title and Number	Date	Rev.	Chartered Professional Engineer	DDA) (N		DATE	20.44.25	NOT BE USED, CO
P4	PRELIMINARY ISSUE	ES	05.08.24	1	ARCH				MEMBER	DRAWN	ES	DATE	20.11.25	WHOLLY OR IN PA
P3	PRELIMINARY ISSUE	ES	13.06.24	1	ARCH									WRITTEN CONSEN
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ARCHITECT TONY GEAGEA S T U D I O



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PROJECT							
PROPOSED CHILDCARE DEVELOPMENT							
31 TELOPEA STREET, PUNCHBOWL							
Grid	Datum	Sheet	Scale (at original size)				

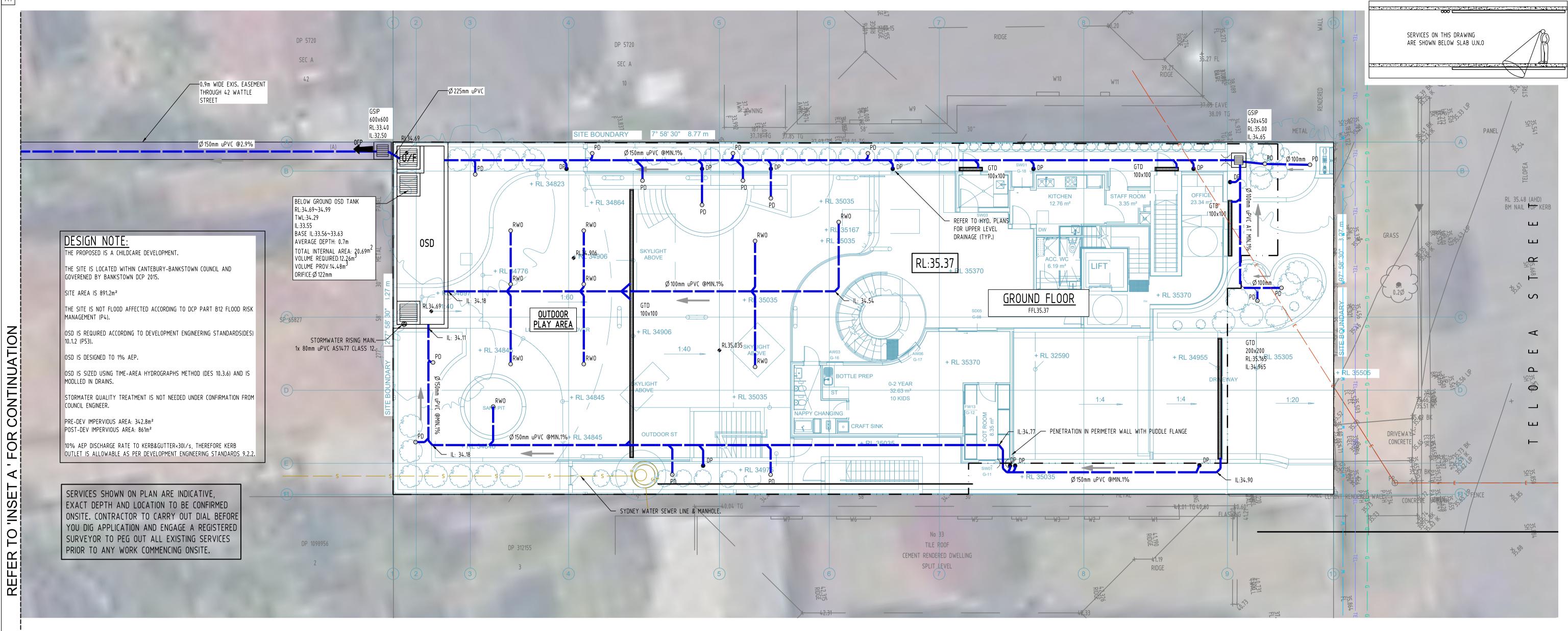
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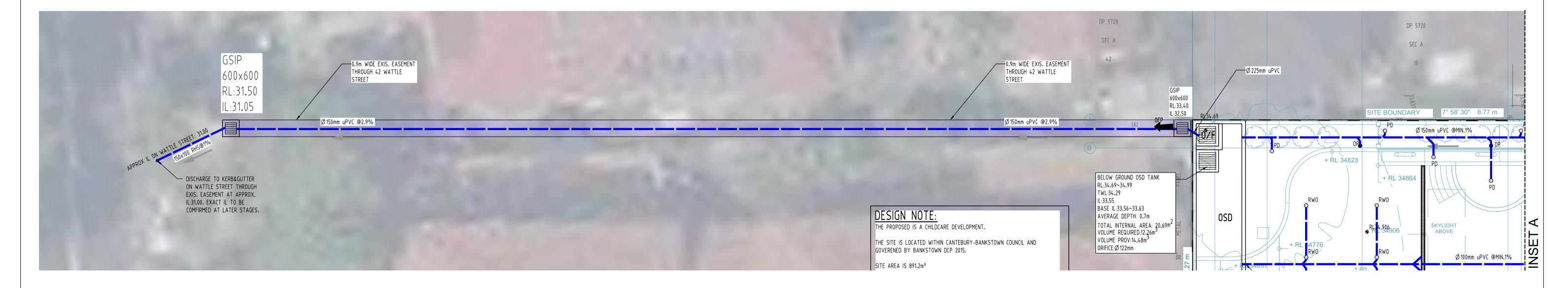
A.H.D. 2 OF 7

Drawing Status	ISSUE FOR S4.55
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STORMWA	TER DRAINAGE DESIGN
	BASEMENT PLAN

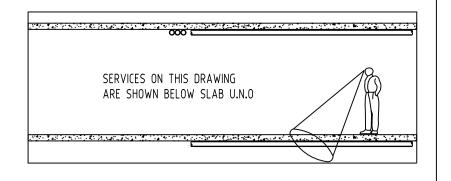
SW200

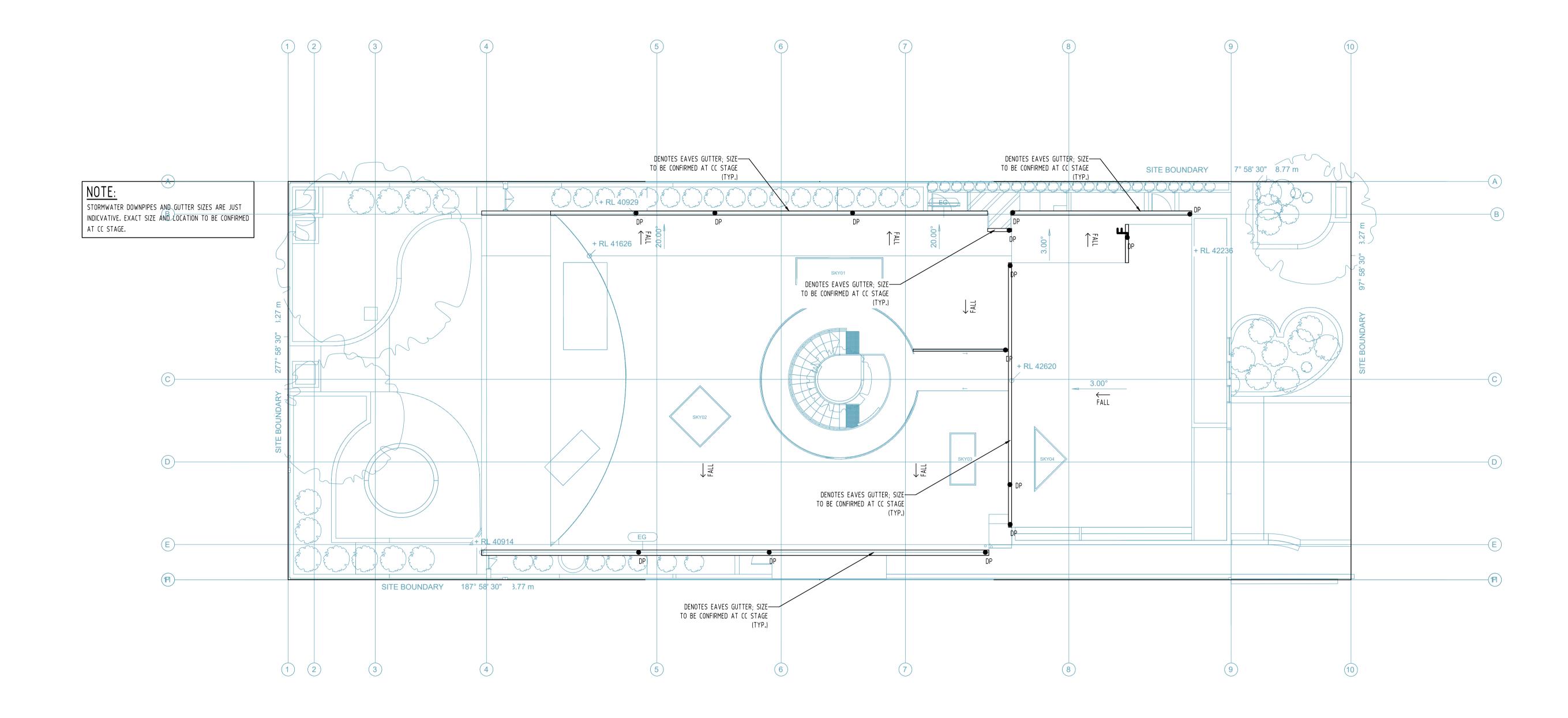






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	sue Last revision title by Date Status Issuer internal sequence and revision history 1-preliminary 2-development application 3-construction certificate 4-tender 5-construction 6-other	FIRE LANDS CIVIL SURVEY	ENGINEER FOR DECISION/CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND OTHER CONSULTANTS' DRAWINGS. VERIFIED SI APPROVED SI	H DATE 20.11.25 H DATE 20.11.25				T 61 431 088 534 J ALEXANDER-HATZIPLIS NSW ARB #10535 W www.PlaceStudio.com.au E Studio@PlaceStudio.com.au	5 GC	A.B.N. 21 118 222 530	Grid Datum Sheet Scale (at original size) - A.H.D. 3 OF 7 1:100 @ A1	Project No Drawing No Revision No 20210183 SW201 D





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Om 1 2 3 4 5
SCALE 1:100 ON ORIGINAL SIZE

ARCHITECT

PLC

STUDIO

PLACE STUDIO AU PTY LTD |

SUITE 7, LEVEL 03, 53 GREAT BUCKINGHAM ST, REDFERN. NSW 2016.

T | 61 431 088 534 | J ALEXANDER-HATZIPLIS NSW ARB #10535
W | www.PlaceStudio.com.au E | Studio@PlaceStudio.com.au

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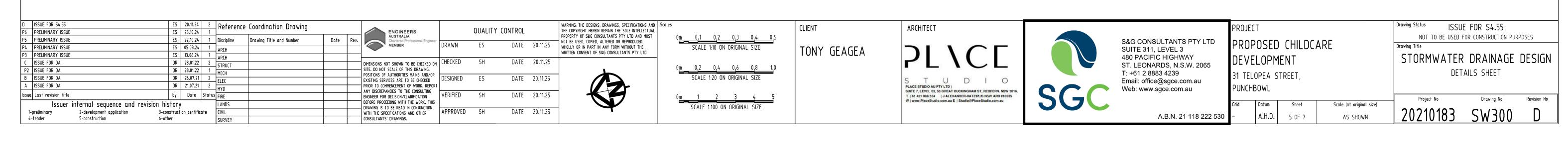
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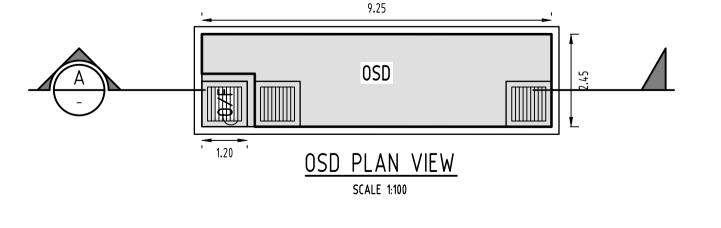
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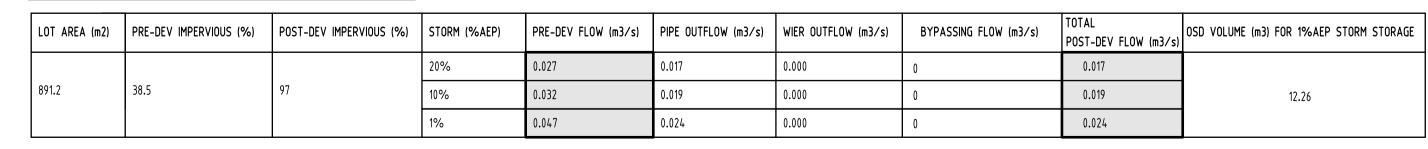
4 OF 7

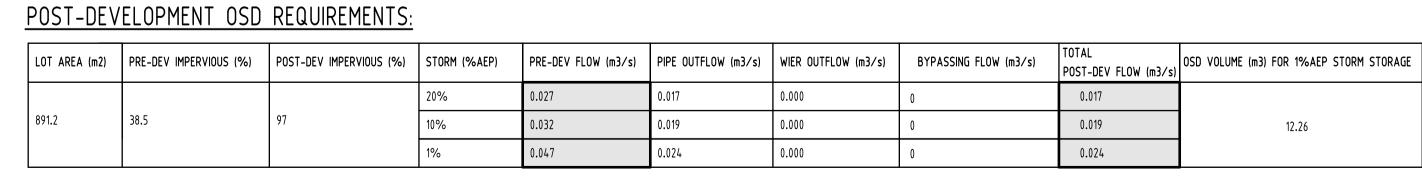
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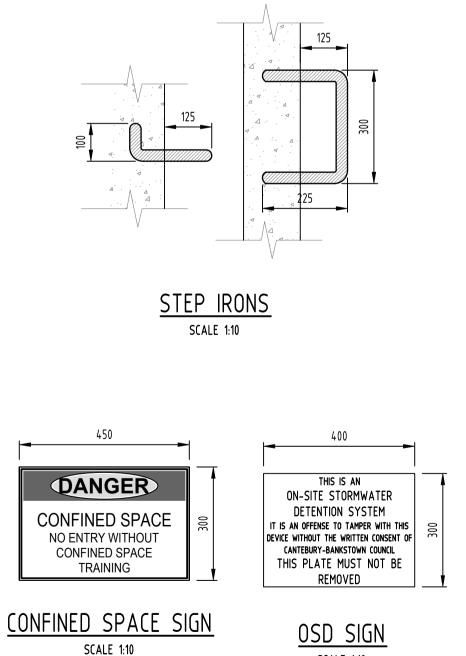
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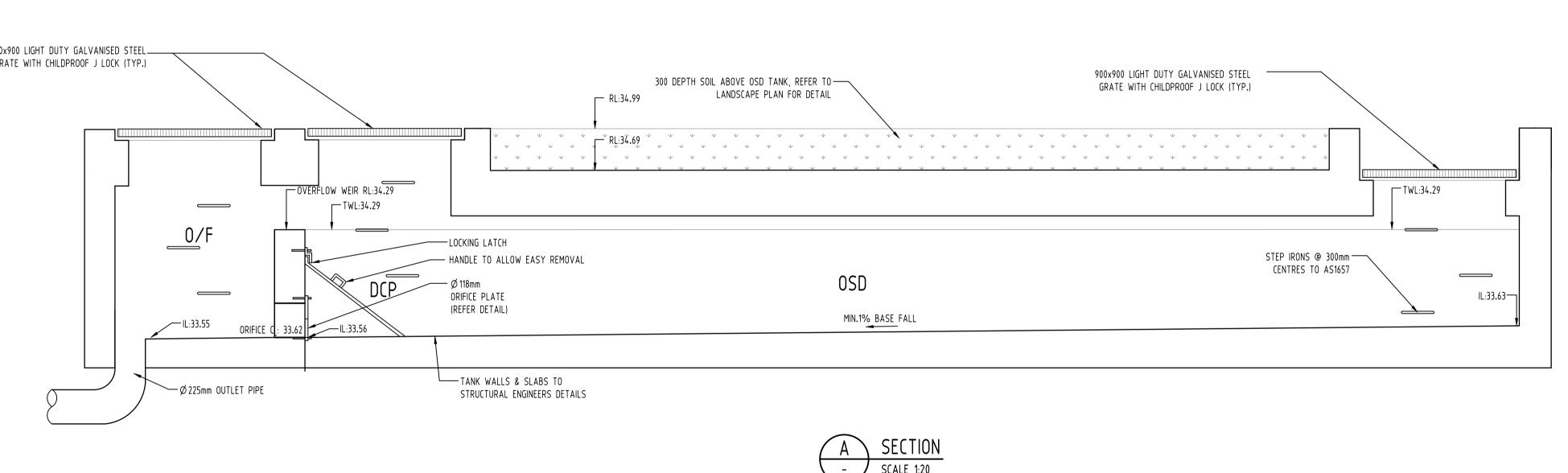


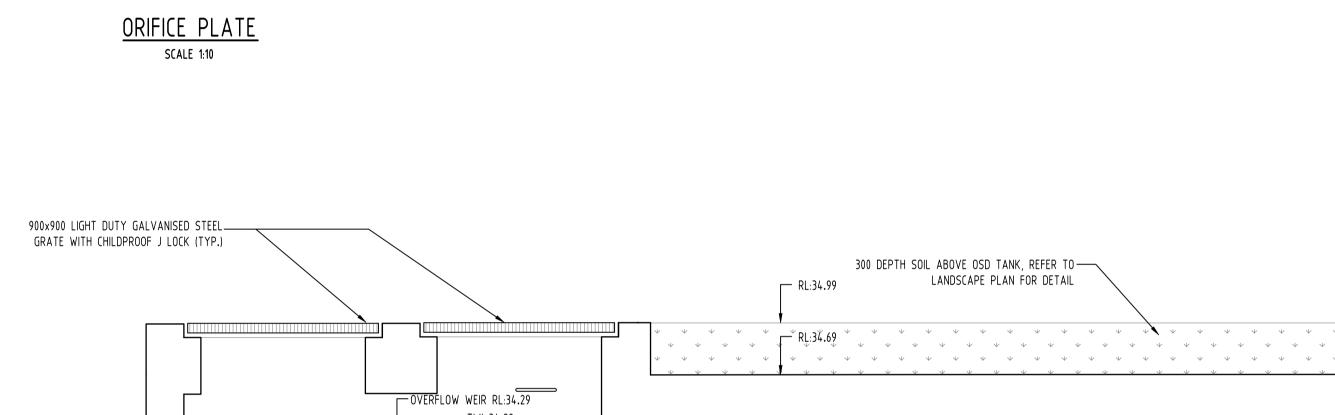




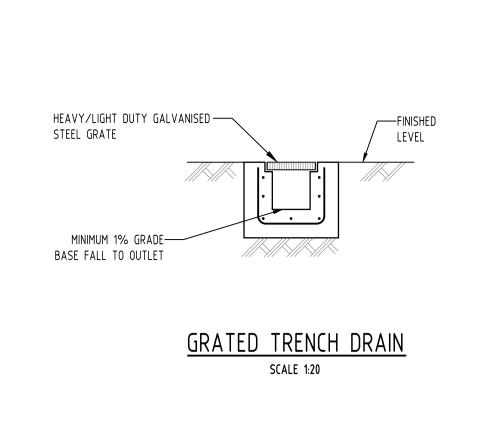


SCALE 1:10





____RL:30.92



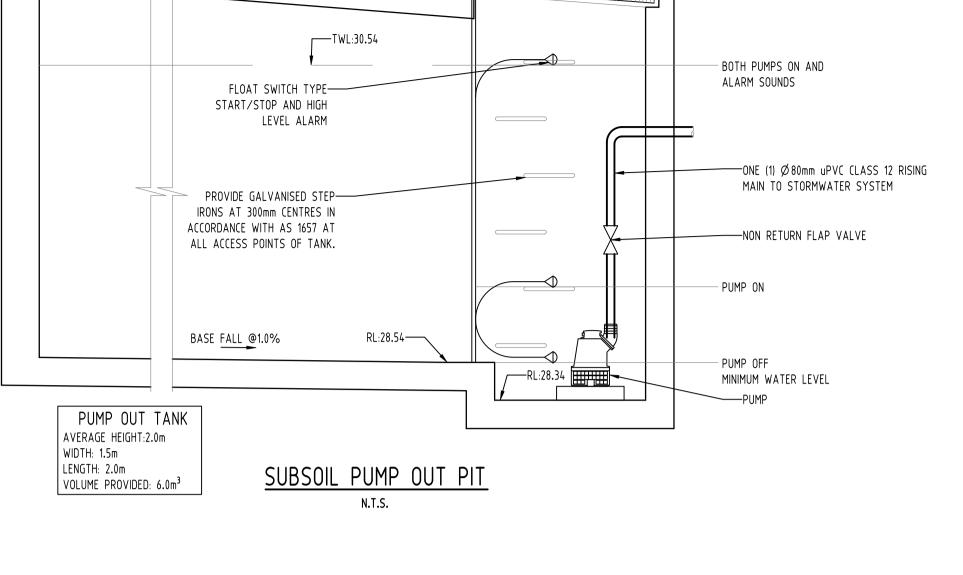
→ 3mm STAINLESS STEEL PLATE

-Ø122mm DIA. ORIFICE CL:33.62

-Ø225mm DIA. OUTLET PIPE

-4xØ10mm FIXING DYNABOLTS

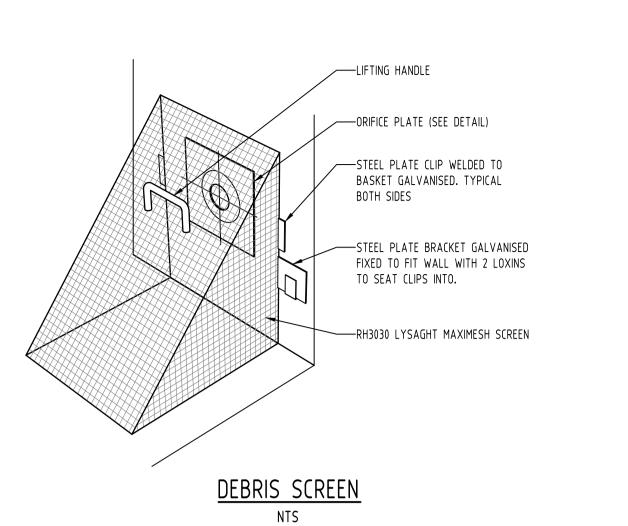
BOLTED & 2-PART EPOXY

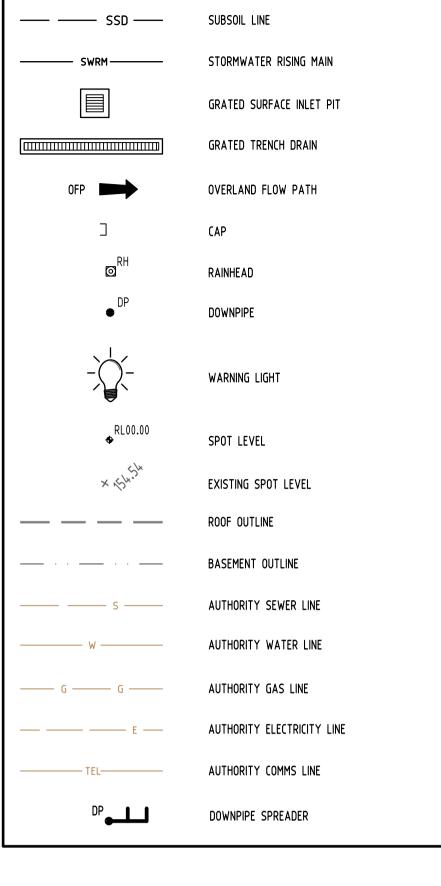


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900x900 HEAVY DUTY HINGED

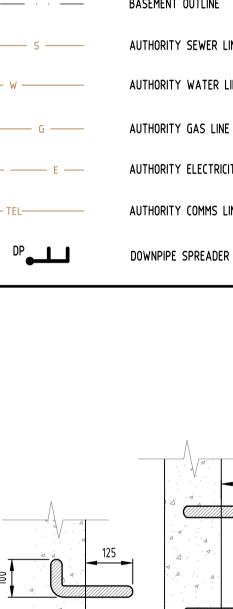
GALVANISED STEEL GRATE AND FRAME.





<u>LEGEND</u>

STORMWATER LINE



EROSION & SEDIMENTATION CONTROL <u>NOTES</u>

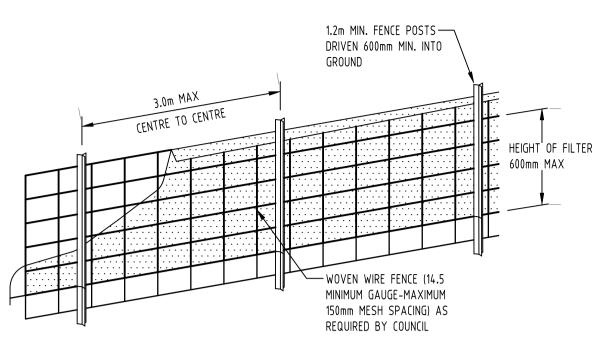
- 1. CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. TIE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- NO PARKING OR STOCKPILING OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- 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 ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

GENERAL NOTES

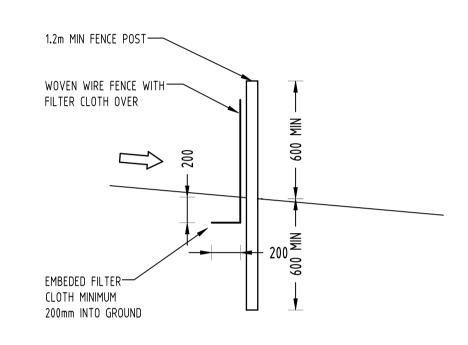
- 1. THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADAPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
- ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

CLAY SOILS

- A SYSTEM SHALL BE INSTALLED TO EITHER:
- TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
- 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

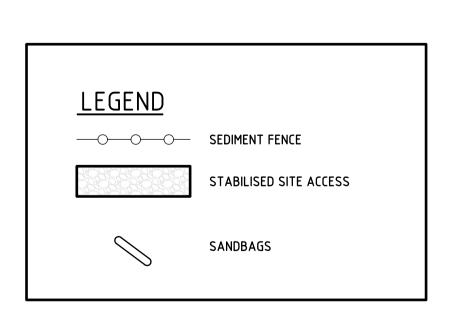


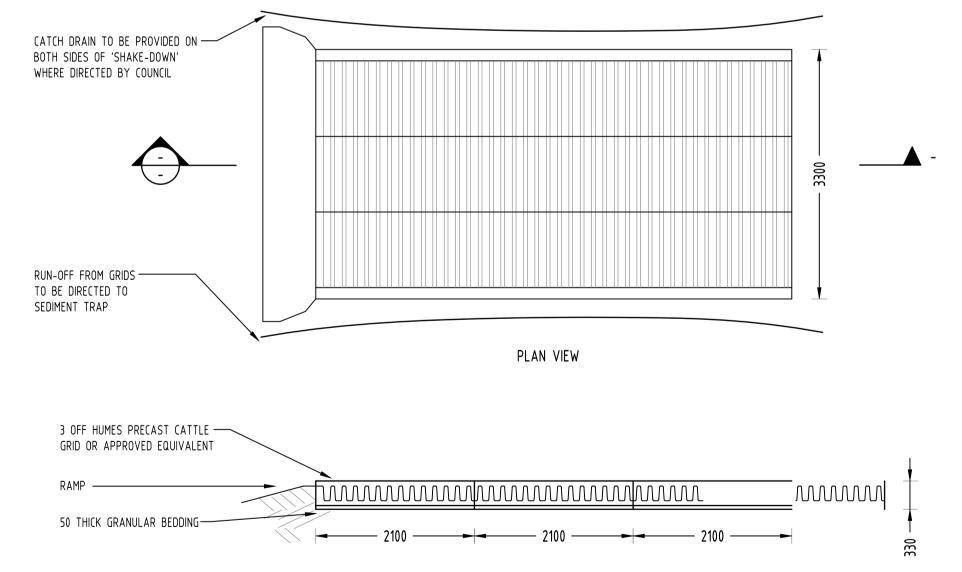
DIAGRAMMATIC VIEW



TYPICAL SECTION

SEDIMENT FENCE NOT TO SCALE



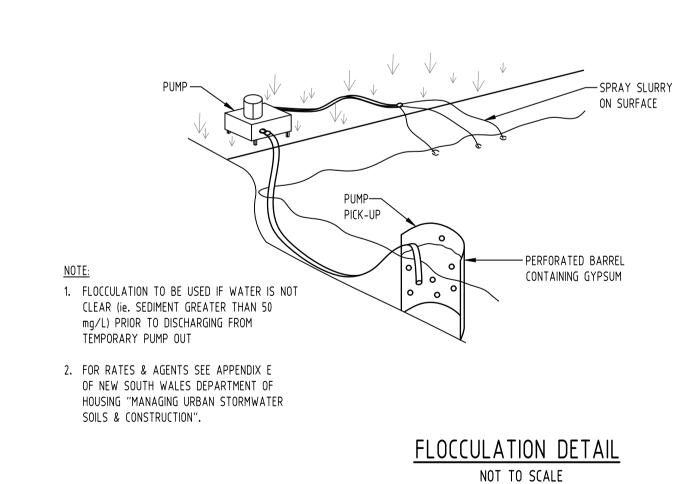


TYPICAL SECTION

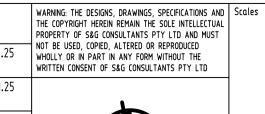
'CATTLE GRID' ALTERNATIVE

TEMPORARY CONSTRUCTION EXIT

NOT TO SCALE



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CLIENT

ARCHITECT TONY GEAGEA S T U
PLACE STUDIO AU PTY LTD | DIO SUITE 7, LEVEL 03, 53 GREAT BUCKINGHAM ST, REDFERN. NSW 2016.

T | 61 431 086 534 | J ALEXANDER-HATZIPLIS NSW ARB #10535

W | www.PlaceStudio.com.au E | Studio@PlaceStudio.com.au



	PROJECT
SULTANTS PTY LTD I, LEVEL 3 FIC HIGHWAY ARDS, N.S.W. 2065 883 4239 ce@sgce.com.au v.sgce.com.au	PROPOSED CHILD DEVELOPMENT 31 TELOPEA STREET, PUNCHBOWL

A.H.D.

6 OF 7

СТ	Drawing Status	ISS	UE FOR S4.55	
POSED CHILDCARE	NOT	TO BE USED	FOR CONSTRUCTION	PURPOSES
	Drawing Title			
ELOPMENT	EROSION	N AND	SEDIMENT	CONTROL

Scale (at original size)

AS SHOWN

Project No	Drawing No	Revision No
20210183	SW400	D

PLAN AND DETAILS

