



PRIOR TO ANY EXCAVATION ON SITE, INVESTIGATION TO IDENTIFY SERVICES MUST BE UNDERTAKEN. AT A MINIMUM CONTACT DIAL BEFORE YOU DIG.

STORMWATER DRAINAGE PLAN

14 REDMAN STREET CANTERBURY NSW 2193

LOT 25 SEC. C DP 4645

CUMBERLAND CITY COUNCIL

DA PROPOSED SEC DWELLING & ATTACHED GARAGE

DRAWING REGISTER

Number	Sheet Name
SW01	COVER SHEET
SW02	STORMWATER MANAGEMENT PLAN
SW03	DETAILS SHEET
SW04	EROSION SEDIMENT CONTROL PLAN

GENERAL NOTES

1. ALL LINES ARE TO BE MIN. 90mm $\phi$  UPVC @ 1% GRADE UNLESS NOTED OTHERWISE.
2. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE & LEVEL ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY EARTHWORKS. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORKS.
3. ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN THE PROPERTY, UNLESS CONCRETE PROTECTED.
4. ALL PITS AND GRATES IN DRIVEWAYS SHALL BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
5. ALL WORKS TO BE DONE IN ACCORDANCE WITH COUNCIL'S DCP AND TO COUNCILS SATISFACTION. WORKS WITHIN THE COUNCIL ASSET AREA ARE TO BE CONSTRUCTED TO THE COUNCIL REQUIREMENTS.
6. LOCATION OF DOWNPIPES & FLOOR WASTES ARE INDICATIVE ONLY. DOWNPIPES & FLOOR WASTE SIZE, LOCATION QUANTITY TO BE DETERMINED BY BUILDER & IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS.
7. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE & STRUCTURAL PLANS.
8. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER AND COUNCIL ENGINEER FOR RESOLUTION.
9. ALL GUTTERS WILL BE FILLED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE DOWNPIPES.
10. ALL PIT GRATES ON SITE MUST BE HINGED WITH J-BOLT LOCKDOWN SYSTEMS.
11. ALL WORKS TO COMPLY WITH AUSTRALIAN STANDARD 3500.3.
12. PITS DEEPER THAN 1m REQUIRE STEP IRONS IN A STAGGERED MANNER. THE DEPTH OF ANY PIT IN EXCESS OF 2m SHALL BE STRUCTURALLY DESIGNED AND CERTIFIED BY A STRUCTURAL ENGINEER AND SUBMITTED TO COUNCIL FOR APPROVAL.



ABBREVIATIONS

DP	DOWNPIPE
exDP	EXISTING DOWNPIPE
RL	RELATIVE LEVEL
IL	INVERT LEVEL
RWT	RAINWATER TANK
KIP	KERB INLET PIT
FFL	FINISH FLOOR LEVEL
TOP	TOP OF KERB
SWRM	STORMWATER RISING MAIN
NGL	NATURAL GROUND LEVEL
SL	SURFACE LEVEL
OSD	ON-SITE DETENTION
RW	RETAINING WALL
SW	STORMWATER
TOW	TOP OF WALL
UPVC	UNPLASTICISED POLYVINYL CHLORIDE
RWO	RAINWATER OUTLET
RH	RAINHEAD
FW	FLOOR WASTE
TWL	TOP WATER LEVEL
SS	SUB SOIL
HD	HEAVY DUTY

LEGEND

---	EXISTING STORMWATER DRAINAGE
---	CHARGED STORWATER DRAINAGE
---	GRAVITY STORMWATER DRAINAGE
---	SUBSOIL DRAIN
• DP	DOWNPIPE
□	GREATER SURFACE INLET PIT
→	OVERLAND FLOW PATH
91.2	EXISTING NATURAL GROUND LEVEL
□	CLEAN EYE
└	DOWNPIPE SPREADER
RWT	RAINWATER TANK
⊙	WARNING LIGHT

DP : 100mm DIA DOWN PIPE

P1: 100mm UPVC PIPE AT 1.0% MIN. GRADE

P2: 150mm UPVC PIPE AT 1% MIN. GRADE

P3: 100mm UPVC PIPE - FULLY SEALED - CHARGED SEWER GRADE PIPE

P4: 150mm UPVC PIPE - FULLY SEALED - CHARGED SEWER GRADE PIPE

**BASIX CERTIFICATE #: 1771954S**

**REQUIREMENTS: 2000L RAINWATER TANK TO COLLECT 50m<sup>2</sup> OF ROOF WATER BE CONNECTED TO OUTDOOR TAP, TOILETS AND LAUNDRY.**

**FOR DA APPROVAL**



31B BUCKWALL AVENUE  
GREENACRE, NSW 2190

CONTACT: 0434 575 819

INFO@NLCONSULTANTS.COM.AU

SIGNED:

NOUHAD FARAH  
B.E. MIE AUST. NER. CPENG  
MEMBERSHIP NUMBER: 3312640

NOTES

1. Do not scale off this drawing. Use dimensions & architectural drawings only.
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DATE	AMENDMENT	INIT	REV.
07/11/2024	ISSUE FOR DA APPROVAL	NF	A

CLIENT: MRS LEY LIM

Date 07/11/2024

14 REDMAN STREET CANTERBURY -  
STORMWATER CONCEPT DESIGN

Project number SYD24/637

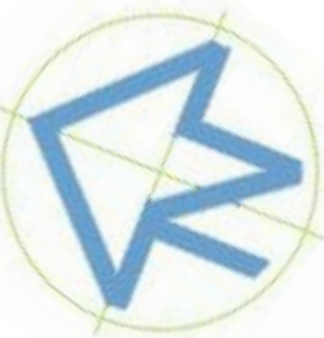
COVER SHEET

Sheet number SW01

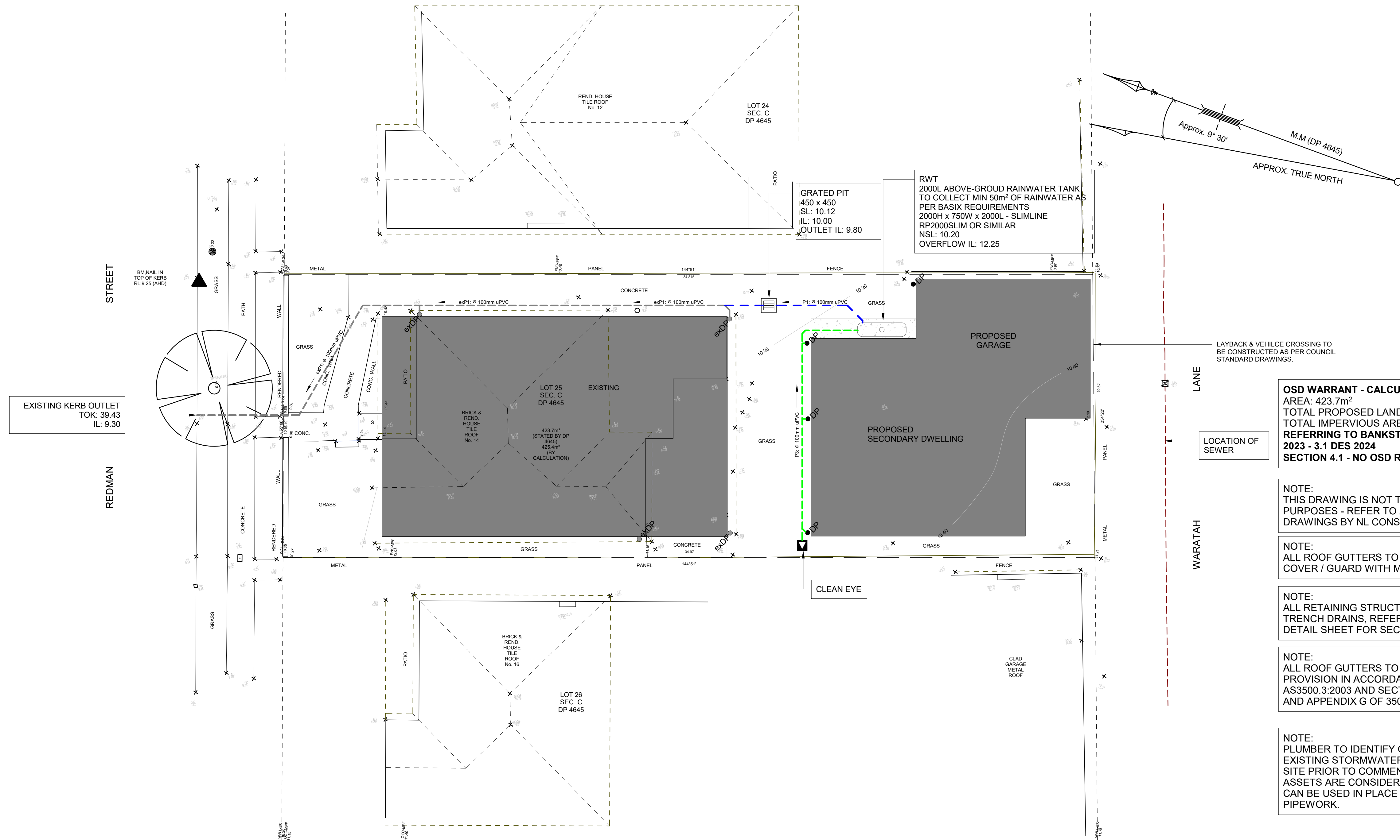
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Checked by N.FARAH

Scale 1 : 100







**OSD WARRANT - CALCULATIONS**  
AREA: 423.7m²  
TOTAL PROPOSED LANDSCAPE AREA: 127m²  
TOTAL IMPERVIOUS AREA: 296.7m² OR 70% (<75%)  
**REFERRING TO BANKSTOWN CITY COUNCIL DCP 2023 - 3.1 DES 2024**  
**SECTION 4.1 - NO OSD REQUIRED**

**NOTE:**  
THIS DRAWING IS NOT TO BE USED FOR SETOUT PURPOSES - REFER TO ARCHITECTURAL DRAWINGS BY NL CONSULTANTS.

**NOTE:**  
ALL ROOF GUTTERS TO HAVE PROTECTIVE COVER / GUARD WITH MICRO MESH

**NOTE:**  
ALL RETAINING STRUCTURES TO HAVE AG TRENCH DRAINS, REFER TO LAYOUT SHEET AND DETAIL SHEET FOR SECTION.

**NOTE:**  
ALL ROOF GUTTERS TO HAVE OVERFLOW PROVISION IN ACCORDANCE WITH AS3500.3:2003 AND SECTIONS 3.5.3, 3.7.5 AND APPENDIX G OF 3500.3:2003.

**NOTE:**  
PLUMBER TO IDENTIFY CONDITION OF ANY EXISTING STORMWATER DRAINAGE ASSETS ON SITE PRIOR TO COMMENCEMENT WORK. IF THE ASSETS ARE CONSIDERED ACCEPTABLE, THEY CAN BE USED IN PLACE OF THE PROPOSED PIPEWORK.

**FOR DA APPROVAL**

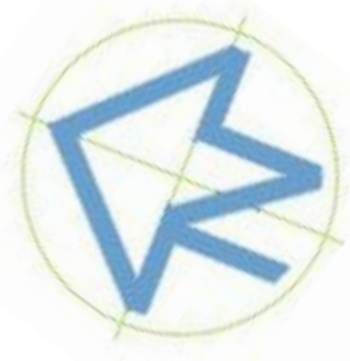


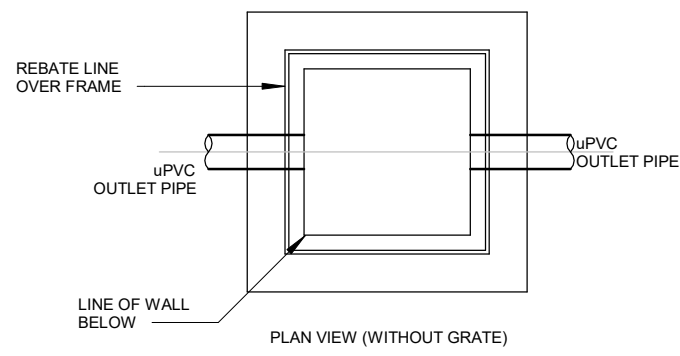
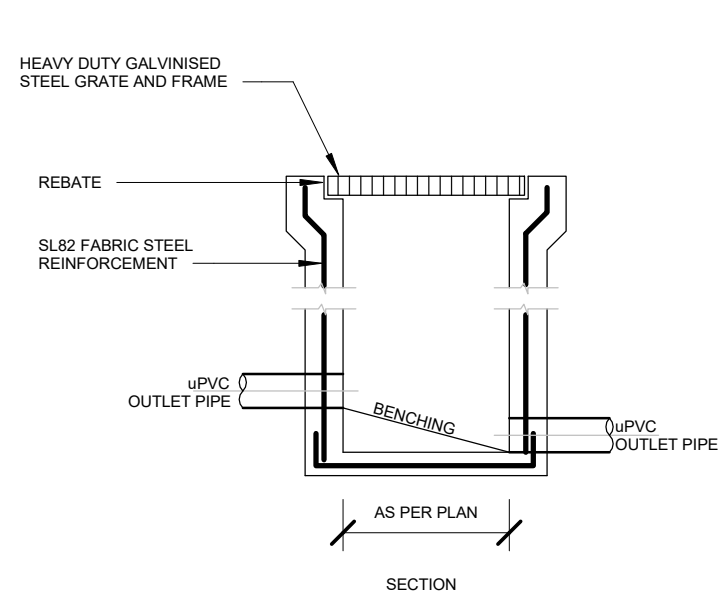
31B BUCKWALL AVENUE  
GREENACRE, NSW 2190  
CONTACT: 0434 575 819  
INFO@NLCONSULTANTS.COM.AU  
SIGNED: *Nouhad Farah*  
NOUHAD FARAH  
B.E. MIE AUST. NER. CPENG  
MEMBERSHIP NUMBER: 3312640

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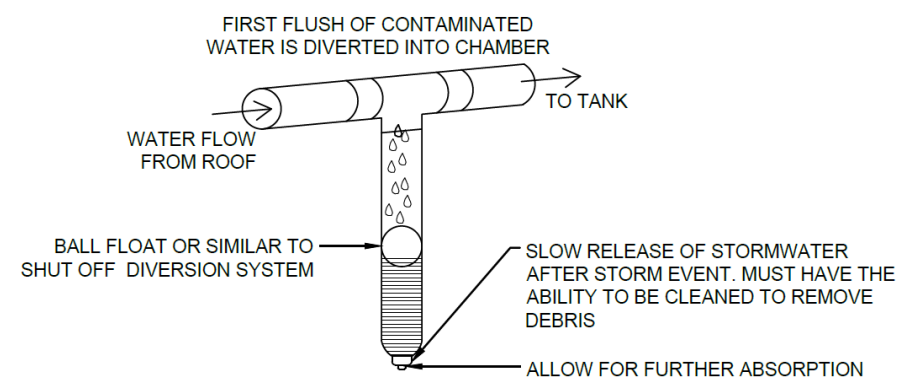
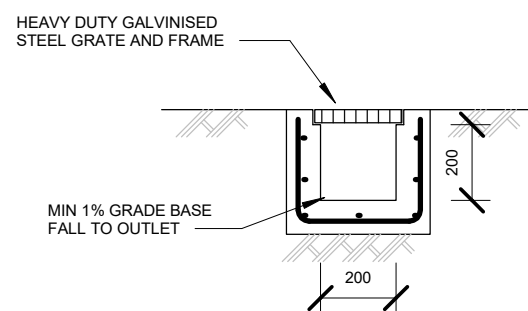
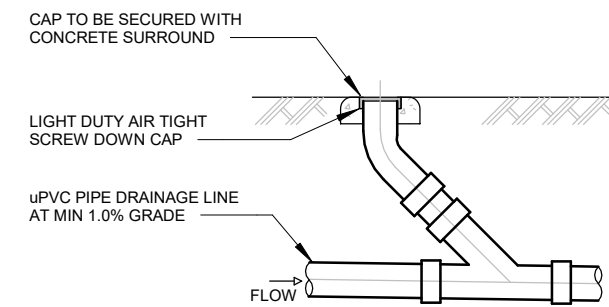
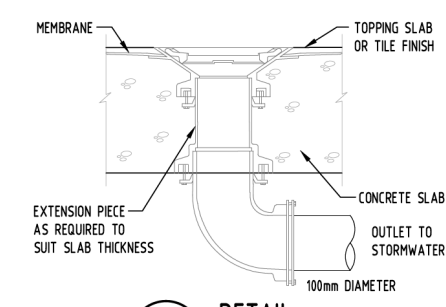
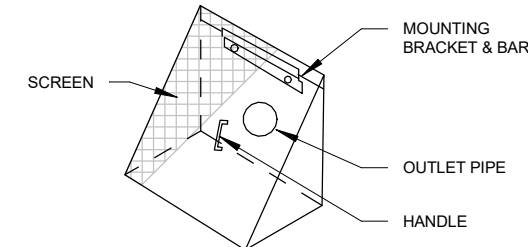
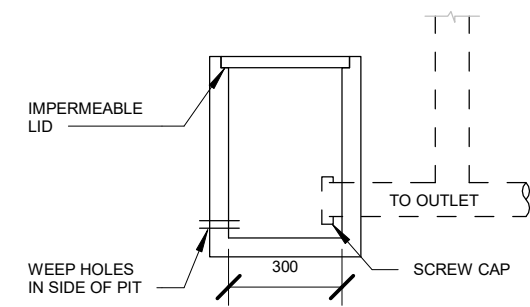
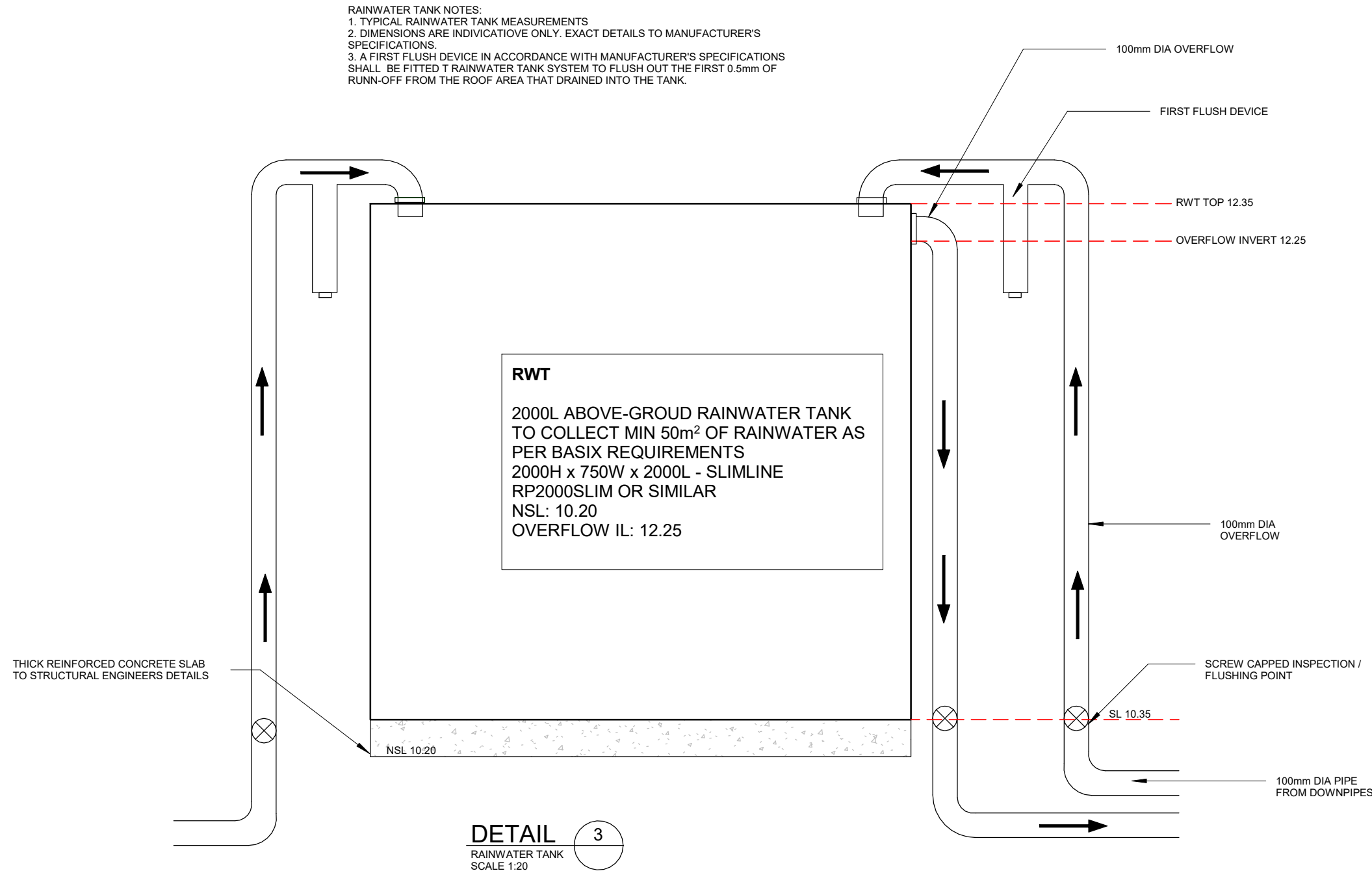
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CLIENT: MRS LEY LIM		Date	07/11/2024
14 REDMAN STREET CANTERBURY - STORMWATER CONCEPT DESIGN		Project number	SYD24/637
STORMWATER MANAGEMENT PLAN		Sheet number	SW02
Drawn by	NLCONS	Checked by	N.FARAH
		Scale	1 : 100

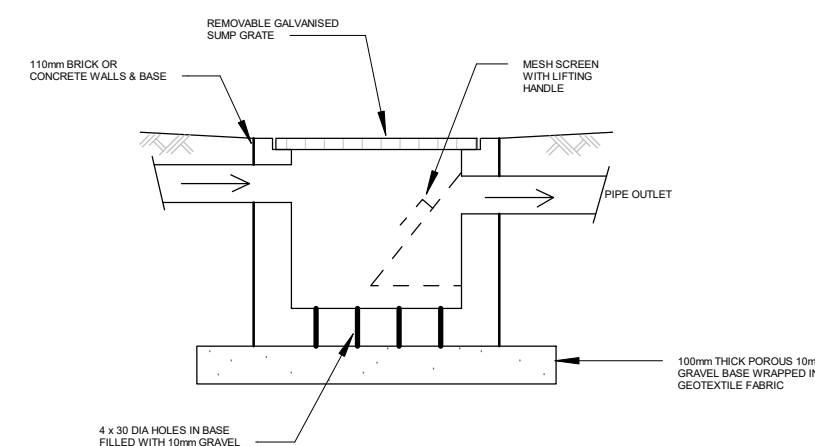




DETAIL 1  
STORMWATER PIT  
SCALE 1:20



POLLUTION CONTROL PIT NOTES:  
1. MESH SCREEN IS TO BE GALVANISED LYSAGHT RH3030 MAXI MESH COVERED WITH GEOTEXTILE IN GALVANISED STEEL FRAME WITH LIFTING HANDLES ACROSS BASE  
2. GEOTEXTILE IS TO BE 500M A14, PROPEX 4550 OR SIMILAR WITH COEFFICIENT OF PERMEABILITY GREATER THAN 50E-4m/s



FOR DA APPROVAL



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GREENACRE, NSW 2190

CONTACT: 0434 575 819

INFO@NLCONSULTANTS.COM.AU

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NOUHAD FARAH  
B.E. MIE AUST. NER. CPENG  
MEMBERSHIP NUMBER: 3312640

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## DATE

07/11/2024

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## INIT

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CLIENT: MRS LEY LIM

14 REDMAN STREET CANTERBURY -  
STORMWATER CONCEPT DESIGN

DETAILS SHEET

Drawn by

NLCONS

Checked by

N.FARAH

Date

07/11/2024

Project number

SYD24/637

Sheet number

SW03

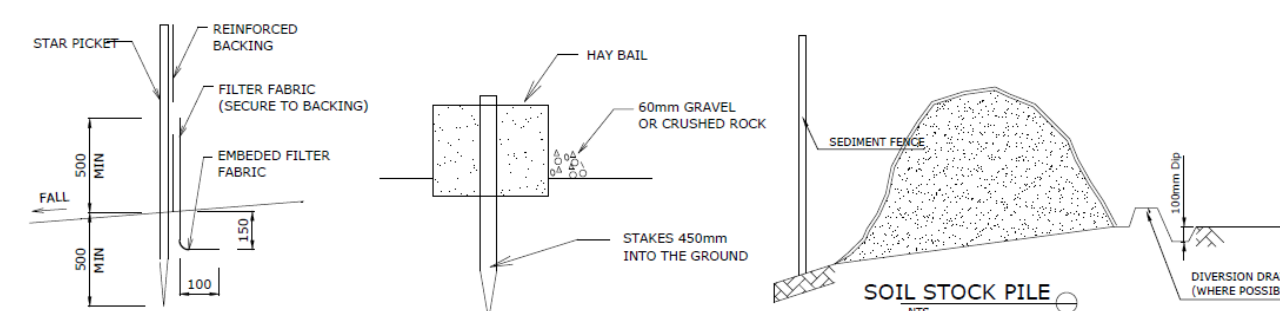
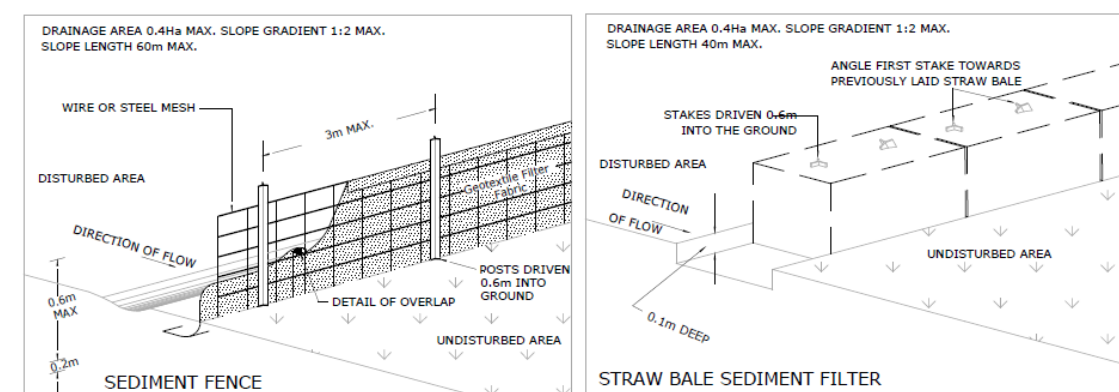
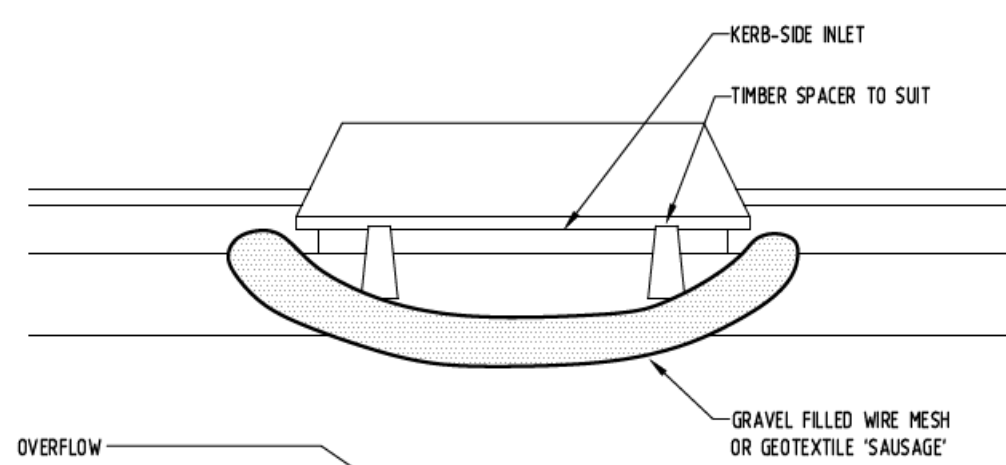
Scale

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1. ALL EROSION & SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH 'MANAGING URBAN STORMWATER, 3RD EDITION PRODUCED BY THE NSW DEPARTMENT OF HOUSING.
2. ALL EROSION AND SILTATION CONTROL DEVICES ARE TO BE PLACED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES AND ALL SILT TRAPS ARE TO HAVE DEPOSITED SILT REMOVED REGULARLY DURING CONSTRUCTION.
3. ALL TREES ARE TO BE PRESERVED UNLESS INDICATED OTHERWISE ON THE ARCHITECTURAL OR LANDSCAPE DRAWINGS.
4. EXISTING GRASS COVER SHALL BE MAINTAINED EXCEPT IN AREAS CLEARED FOR BUILDINGS, PAVEMENTS ETC.
5. INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL INLET PITS LIKELY TO COLLECT SILT LADDED WATER.
6. NOT WITHSTANDING DETAILS SHOWN IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO ENSURE THAT ALL SITE ACTIVITIES COMPLY WITH THE REQUIREMENTS OF THE CLEAN WATERS ACT.
7. ALL STORAGE AREAS AND STOCKPILES SHALL BE BUNDED.
8. STOCKPILE LOCATION CLEAR OF VEGETATION, HAZARDS AND SENSITIVE AREAS
9. EARTHBACKS TO SOIL STOCKPILES TO BE INSTALLED UPSLOPE TO DIVERT WATER.



SILT FENCE DETAIL      HAY BAIL DETAIL

TO BE USED AS REQUIRED

[illegible]


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14 REDMAN STREET CANTERBURY - STORMWATER CONCEPT DESIGN	
EROSION SEDIMENT CONTROL PLAN	
Drawn by	NLCONS
Checked by	N.FAR

Date	07/11/2024
Project number	SYD24/637
Sheet number	SW04
Scale	1 : 100

