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STORMWATER MANAGEMENT PLAN

PROPOSED DUAL OCCUPANCY

No.2 STEPHENSON STREET, ROSELANDS

GENERAL NOTES:

1.

THESE PLANS REMAIN THE PROPERTY OF NY CIVIL ENGINEERING PTY LTD AND ARE SUBJECT TO COPYRIGHT

2.

ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED. ALL REDUCED LEVELS (SURFACE LEVELS, INVERT LEVELS) AND CHAINAGES ARE IN METERS UNLESS OTHERWISE STATED. DO NOT SCALE OFF THE DRAWINGS, SCALES ARE AS SHOWN, USE FIGURED DIMENSIONS.

3.

THIS PLAN IS TO BE READ IN JUNCTION WITH LATEST ARCHITECTURAL, STRUCTURAL, UTILITY AND LANDSCAPE PLANS IN ADDITION TO ANY RELEVANT GEOTECHNICAL, SOIL CLASSIFICATION OR REF/ENVIRONMENTAL REPORTS. ENGINEER IS TO BE NOTIFIED OF ANY DISCREPANCIES QUOTED ON THIS PLAN.

4.

ALL WORKS SHALL BE CARRIED OUT TO LOCAL COUNCIL'S DEVELOPMENT CONTROL PLAN AND SPECIFICATIONS, ASINZS 3500.3 AND B.C.A.

5.

ALL LEVELS SHALL RELATE TO THE ESTABLISHED BM, PM AND/OR LM. ALL EXISTING SERVICES ARE TO BE VERIFIED FOR LOCATION AND DEPTH PRIOR TO COMMENCEMENT OF ANY WORK. CONTRACTOR TO NOTIFY DESIGNER OF ANY DISCREPANCIES OF SERVICE LEVELS QUOTED ON THIS PLAN. ALL SURVEY INFORMATION, BUILDING AND FINISHED SURFACE LEVELS SHOWN IN THESE DRAWINGS ARE BASED ON LEVELS OBTAINED FROM DRAWINGS BY OTHERS.

6.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY PRIOR APPROVAL REQUIRED FROM COUNCIL WITH RESPECT TO POTENTIAL IMPACT ON TREES FOR ANY WORKS SHOWN ON THIS DRAWING PRIOR TO THE COMMENCEMENT OF WORKS. NO TREES SHALL BE REMOVED WITHOUT THE WRITTEN PERMISSION OF COUNCIL.

7.

THE CONTRACTOR SHALL TAKE ALL DUE CARE TO USE THE ABSOLUTE MINIMUM AREA FOR CONSTRUCTION AND THAT NO UNDUE DAMAGE IS DONE TO THE EXISTING VEGETATION.

8.

THE CONTRACTOR SHALL COMPLY WITH CONDITIONS, AND SPECIFICATION OF COUNCIL AND ALL ACTS OF THE NSW EPA.

9.

THE CONTRACTOR SHALL TAKE ALL REASONABLE CARE TO PROTECT EXISTING SERVICES. DAMAGED SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

10.

ALL NEW WORK IS TO MAKE A SMOOTH JUNCTION WITH EXISTING WORK.

11.

SUITABLE WARNING SIGNS AND BARRICADES ARE TO BE PROVIDED IN ACCORDANCE WITH THE AUSTRALIAN STANDARDS AND AS DIRECTED BY THE RELEVANT AUTHORITY.

12.

SERVICES SHOWN ARE INDICATIVE ONLY FROM AVAILABLE INFORMATION AND THE TIME OF SITE INVESTIGATION (IF ANY). THE BUILDER IS TO NOTIFY ENGINEER OF ANY DISCREPANCIES QUOTED ON THIS PLAN.

13.

RESTORE ALL TRAFFIC AREAS TO PRE EXISTING CONDITION. FOR ALL SURFACES OTHER THAN IN TRAFFIC AREAS RESTORE DISTURBED SURFACES TO PRE-EXISTING CONDITION AND COMPACT AS SPECIFIED.

14.

RESTORE ALL AUTHORITY OWNED AREAS TO COUNCIL AND/OR AUTHORITY STANDARD AND SPECIFICATION.

15.

THE WORK AS CONSTRUCTED WORKS SHALL BE INSPECTED BY THE ENGINEER, MINIMUM 48 HOURS NOTICE SHALL BE PROVIDED FOR ALL INSPECTION REQUESTS.

16.

THE DESIGN PLANS HEREIN ARE SUBJECT TO COUNCIL APPROVAL PRIOR TO CONSTRUCTION.

17.

WORK AS CONSTRUCTED DRAWINGS TO BE REQUESTED AND RECEIVED IN CAD/DWG FILE TYPE AND HARD COPY 'RED LINE' MARKUP FROM CONSTRUCTOR FOR VERIFICATION AND CERTIFICATION.

STORMWATER DRAINAGE NOTES:

PIPE SIZE:

1.

THE MINIMUM PIPE SIZE SHALL BE:

1.1.

DN90 FOR ALL DOWNPIPES;

1.2.

DN100 WHERE THE LINE ONLY RECEIVES ROOF STORMWATER RUNOFF, OR;

1.3.

DN100 WHERE THE LINE RECEIVES RUNOFF FROM PAVED OR UNPAVED AREAS.

PIPE GRADE:

1.

THE MINIMUM PIPE GRADE SHALL BE:

1.1.

FOR DN100 - DN150 - 1.00%

1.2.

FOR DN225 - 0.50%

1.3.

FOR DN300 - 0.45%

1.4.

FOR DN375 - 0.35%

STANDARD COVER:

1.

MINIMUM PIPE COVER FOR PVC PIPES SHALL BE AS PER AS 3500.3 TABLE 6.2.5:

1.1.

NOT SUBJECT TO VEHICULAR LOADING:

1.1.1.

WITHOUT PAVEMENT SINGLE DWELLINGS - 100mm

1.1.2.

WITHOUT PAVEMENT OTHER THAN SINGLE DWELLINGS - 300mm

1.1.3.

WITH PAVEMENT (BRICK/PAVERS) AND/OR UNREINFORCED CONCRETE - 100mm

1.2.

SUBJECT TO VEHICULAR LOADING:

1.2.1.

ROADS (SEALED) - 600mm

1.2.2.

ROADS (UNSEALED) - 750mm

1.2.3.

OTHER THAN ROADS (WITH PAVEMENT) - 100mm

1.2.4.

OTHER THAN ROADS (WITHOUT PAVEMENT) - 450mm

PIPE INSTALLATION

1.

PIPES AND FITTINGS FOR STORMWATER DRAINAGE SHALL BE AS FOLLOWS:

1.1.

FOR PIPE SIZES UP TO DN225 - PVC WITH SOLVENT WELDED JOINTS (IN GROUND).

1.2.

FOR PIPE SIZES GREATER THAN DN225 - RCP WITH RUBBER RING JOINTS.

1.3.

FOR LARGER PIPE DEPTHS AS SPECIFIED IN AS 3500.3 - RCP WITH RUBBER RING JOINTS.

1.4.

FOR PIPES AND FITTINGS FOR SUBSOIL DRAINAGE SHALL BE SLOTTED PVS WITH SOLVENT WELDED JOINTS MINIMUM DN150.

2.

FOR GRATED DRAINS SHALL BE MINIMUM DN150 IN NON-TRAFFICABLE ZONES AND DN225 IN TRAFFICABLE ZONES.

3.

LAY AND JOINT ALL PIPES IN ACCORDANCE WITH THE MANUFACTURING RECOMMENDATIONS AND:

3.1.

AS 3725-1989 - LOADS ON BURIED CONCRETE PIPES

3.2.

AS 2566 - 1988 - BURIED FLEXIBLE PIPELINES

3.3.

AS 1597.2 - 1996 - PRECAST REINFORCED CONCRETE BOX CULVERTS

3.4.

AS 3500 - 1990 NATIONAL PLUMBING AND DRAINAGE CODE - PART 2 SANITARY PLUMBING AND SANITARY DRAINAGE - SYDNEY WATER REQUIREMENTS.

4.

ALLOW TO TEST ALL PIPES AND PITS TO MANUFACTURERS REQUIREMENTS.

CONNECTIONS TO STORMWATER SYSTEMS UNDER BUILDINGS:

IN ACCORDANCE WITH AS 3500.3 SECTION 9.2

CONNECTIONS TO COUNCIL STORMWATER SYSTEMS:

CONNECTION TO COUNCIL STORMWATER SYSTEM TO BE IN ACCORDANCE TO LOCAL COUNCIL DCP AND STANDARDS. NO CONNECTIONS TO BE MADE UNTIL PROPER PERMIT/APPROVALS ARE OBTAINED FROM LOCAL COUNCIL IN WRITING.

WARNING:

EXISTING SERVICES SHOWN ON THESE PLANS ARE NOT GUARANTEED COMPLETE OR CORRECT AND FURTHER INFORMATION IS REQUIRED FROM THE RELEVANT AUTHORITY AND FIELD INVESTIGATION AND ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

LEGEND

SURFACE INLET PIT

SURFACE INLET PIT
(WITH ENVIROPOD 200 MICRON)

ACCESS GRATE
(WITH GROSS POLLUTANT TRAP)

450 SQUARE INTERVAL

450 X 450

GRATE LEVEL = 75.50

SL 75.50

INVERT LEVEL = RL 75.20

IL 75.20

PROPOSED DOWNPIPE
90mm DIA. OR 100mm x 50mm MIN.

NATURAL GROUND FINISHED
DESIGN LEVEL

×

GRADED TRENCH DRAIN

ABSORPTION TRENCH

PROPOSED ROOF GUTTER FALL

PROPOSED DOWNPIPE SPREADER

STORMWATER PIPE 100mm DIA. MIN. UNO

SUBSOIL PIPE

EXISTING STORMWATER PIPE

INSPECTION RISER

 IR

RAINWATER HEAD

 RWH

STORMWATER PIT/STRUCTURES NOTES:

PIT SIZES AND DEPTHS:

1.

PIT SIZES WILL BE AS FOLLOWS:

DEPTH (mm)	MIN. PIT SIZE (mm)
UP TO 450	350x350
450 – 600	450x450
600 – 900	600x600
900 – 1200	600x900
1200+	900x900 (WITH STEP IRONS)

PIT DESIGNS:

1.

TRENCH DRAINS: CONTINUOUS TRENCH DRAINS ARE TO BE MIN. DN150 AND MIN. 100mm DEPTH. THE BARS OF THE GRATE ARE TO BE PARALLEL TO THE DIRECTION OF SURFACE FLOW.

2.

STEP IRONS: PITS BETWEEN 1.2m AND 6m ARE TO HAVE STEP IRONS IN ACCORDANCE WITH AS 1657. FOR PITS GREATER THAN 6m OTHER MEANS OF ACCESS MUST BE PROVIDED.

3.

PLASTIC/PVC PITS: PVC PITS WILL ONLY BE PERMITTED IF THEY ARE MAX. 450x450 AND MAX. 450mm DEPTH AS WELL AS BEING HEAVY DUTY.

4.

IN-SITU PITS: IN-SITU PITS ARE TO BE CONSTRUCTED ON A CONCRETE BED OF AT LEAST 150mm THICK. THE WALLS ARE TO BE DESIGNED TO MEET THE MINIMUM REQUIREMENTS OF CLAUSE 4.6.3 OF AS 3500.4. PITS DEEPER THAN 1.8m SHALL BE CONSTRUCTED WITH REINFORCED CONCRETE.

5.

GRATES: GRATES ARE TO BE GALVANIZED STEEL GRID TYPE. GRATES ARE TO BE OF HEAVY-DUTY TYPE IN AREAS WHERE THEY MAY BE SUBJECT TO VEHICLE LOADING.

INSTALLATION NOTES:

1.

ALL PIPES INTO PITS TO BE CUT FLUSH WITH PIT WALL.

2.

ALL PITS THAT ARE INSTALLED AT GREATER THAN 600mm DEEP TO BE MIN. 600x600 PIT.

3.

GRADED COVERS ON PITS GREATER THAN 600mm TO BE HINGED.

4.

BASE OF PIT TO BE SAME LEVEL OF INVERT OF OUTLET.

5.

OUTLET PIPE FROM ANY PIT TO BE 20mm LOWER THAN INLET PIPE/S

	APPROVED BY		REVISION	DRAWN	DESCRIPTION	DATE	DRAWING TITLE		SHEET SIZE	JOB REFERENCE
	NADER ZAKI MIEAust CPEng NER		A	SR	ISSUED FOR DA	31.05.2023	DETAILS, NOTES & LEGEND		A3	
									DESIGNED	DRAWING No.
	0413 942 613								SR	
	admin@nycivilengineering.com.au						PROJECT TITLE		CHECKED	No. IN SET
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									A	
							PROPOSED DUAL OCCUPANCY No.2 STEPHENSON STREET ROSELANDS		ISSUE	7
									-	
									SCALE	

AREA CALCULATIONS		
TOTAL SITE AREA	748.9	m²
EXISTING DEVELOPMENT		
ROOF AREA	238.0	m²
PAVED AREA	20.0	m²
DRIVEWAY AREA	70.0	m²
IMPERVIOUS AREA	328.0	m²
TOTAL IMPERVIOUS AREA PERCENTAGE	43.8	%
PROPOSED DEVELOPMENT		
PROPOSED ROOF AREA	320.0	m²
PROPOSED PAVED AREA	100.0	m²
PROPOSED DRIVEWAY AREA	33.0	m²
TOTAL IMPERVIOUS AREA	453.0	m²
TOTAL IMPERVIOUS AREA PERCENTAGE	60.5	%

DRAINAGE PIPE LEGEND

- EXISTING STORMWATER PIPE
- DRAINAGE PIPES TO RAINWATER TANK
- DRAINAGE PIPES VIA GRAVITY
- CHARGED DRAINAGE PIPES
- 65mm DIA CLASS 12 PUMP LINE

NOTE: ALL IN GROUND PIPES TO BE 100mm DIA PVC UNO

INSPECTION RISER (IR)

PROVIDE 'SCREW CAP' INSPECTION RISER AT LOWEST POINT OF 'CHARGED LINES'

NOTE: ENSURE ANY PROPOSED PAVING IS GRADED SO THAT IT IS NOT IMPACTING ADJOINING PROPERTIES.

OSD WARRANT

LGA: CANTERBURY BANKSTOWN CITY COUNCIL
RELEVANT CODE: CANTERBURY DCP PART 6.4: DEVELOPMENT ENGINEERING FLOOD AND STORMWATER

PROPOSAL: DUAL OCCUPANCY
• SITE AREA - 748.9m²
• PRE-DEV. IMPERVIOUS AREA - 328m²
• POST. DEV. IMPERVIOUS AREA - 453m²

(60.5% OF SITE AREA)

HENCE, POST-DEV. IMPERVIOUS AREA <70%

THEREFORE OSD NOT REQUIRED

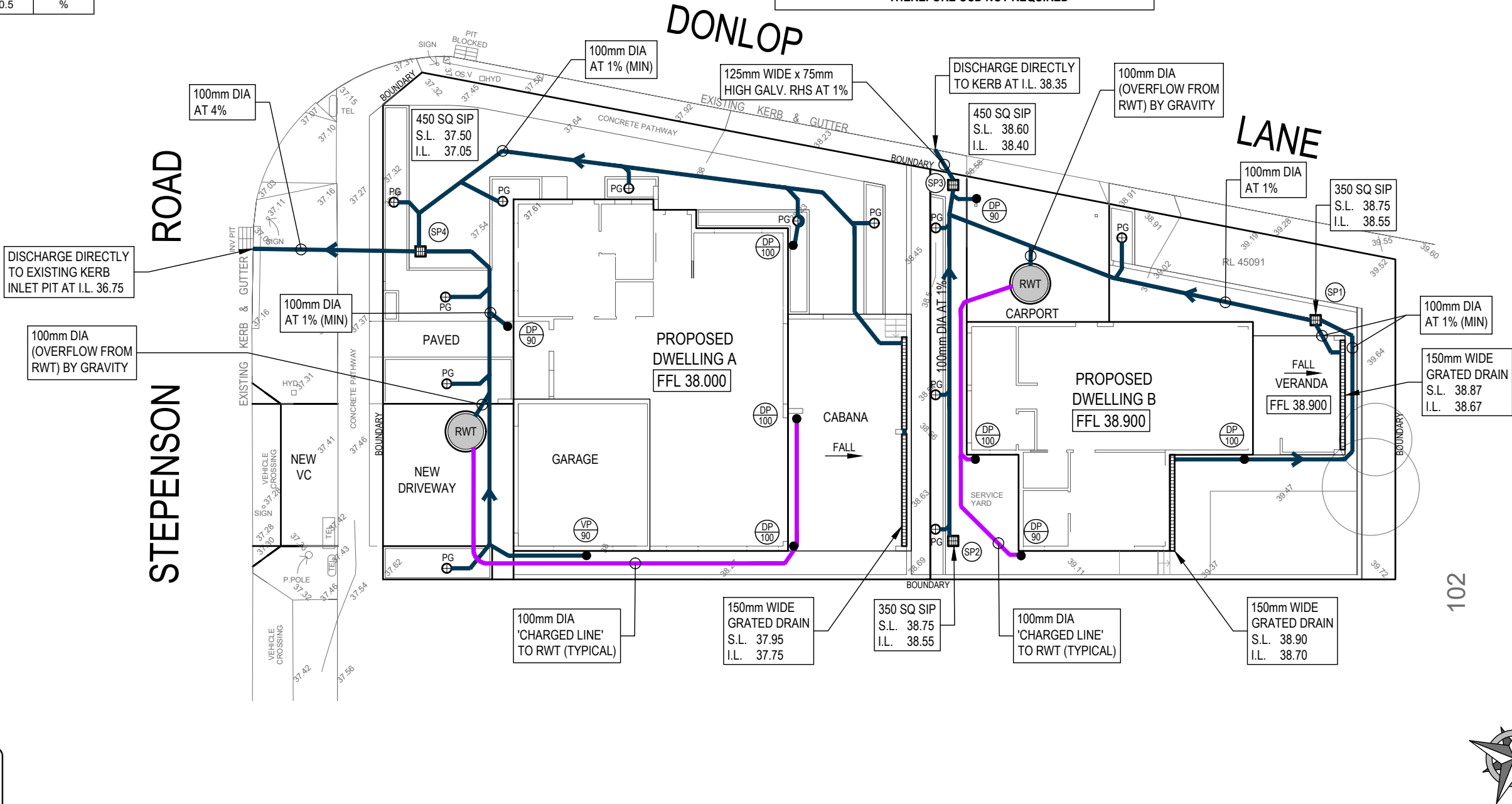
RAINWATER RE-USE TANK - RWT

(AS PER BASIX REQUIREMENTS)

SIZE: 2,000 LITRES (MIN)
BELOW GROUND TANK

INSTALL TO MANUFACTURES SPECIFICATIONS, AS3500 AND COUNCIL REQUIREMENTS

- FOR RE-USE AS SPECIFIED BY BASIX CERTIFICATE
- ENSURE TOP OF TANK IS MIN 1.0m BELOW ROOF GUTTERS TO ENSURE SUFFICIENT HEAD FOR THE SYSTEM
- TANK TO BE INSTALLED BY LICENSED PLUMBER IN ACCORDANCE WITH AS/NZS 3500:2003 AND NSW CODE OF PRACTICE PLUMBING AND DRAINAGE 2006



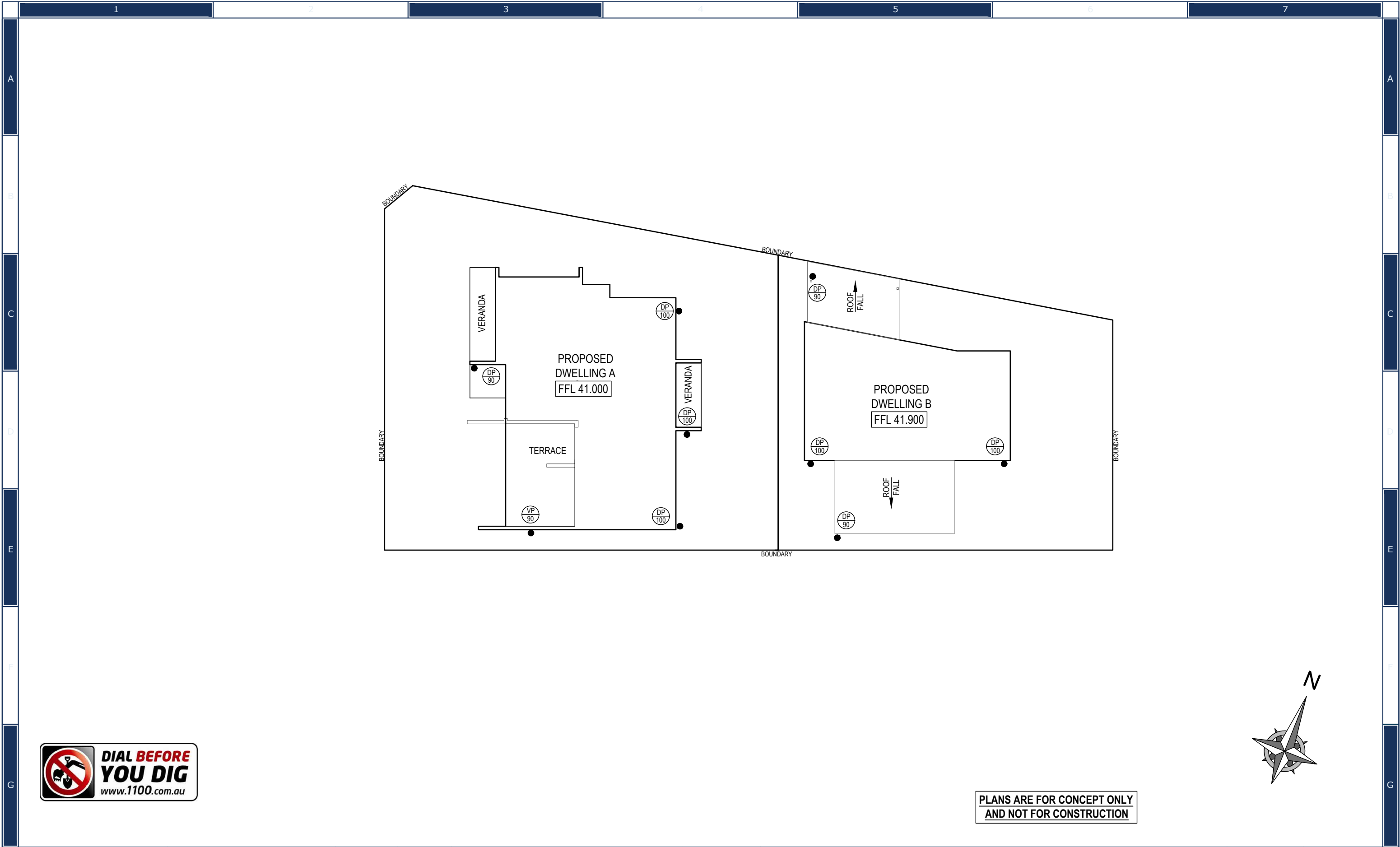
PLANS ARE FOR CONCEPT ONLY
AND NOT FOR CONSTRUCTION



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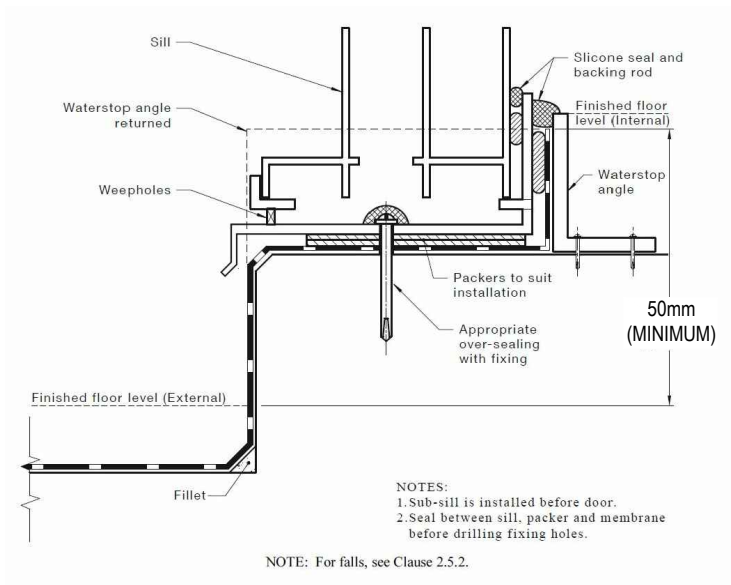
DRAWING TITLE	
STORMWATER MANAGEMENT PLAN	
PROJECT TITLE	
PROPOSED DUAL OCCUPANCY No.2 STEPHENSON STREET ROSELANDS	

SHEET SIZEA3	JOB REFERENCE E230212
DESIGNED SR	DRAWING No. D2
CHECKED YR	No. IN SET 7
ISSUE A	
SCALE 1:200	

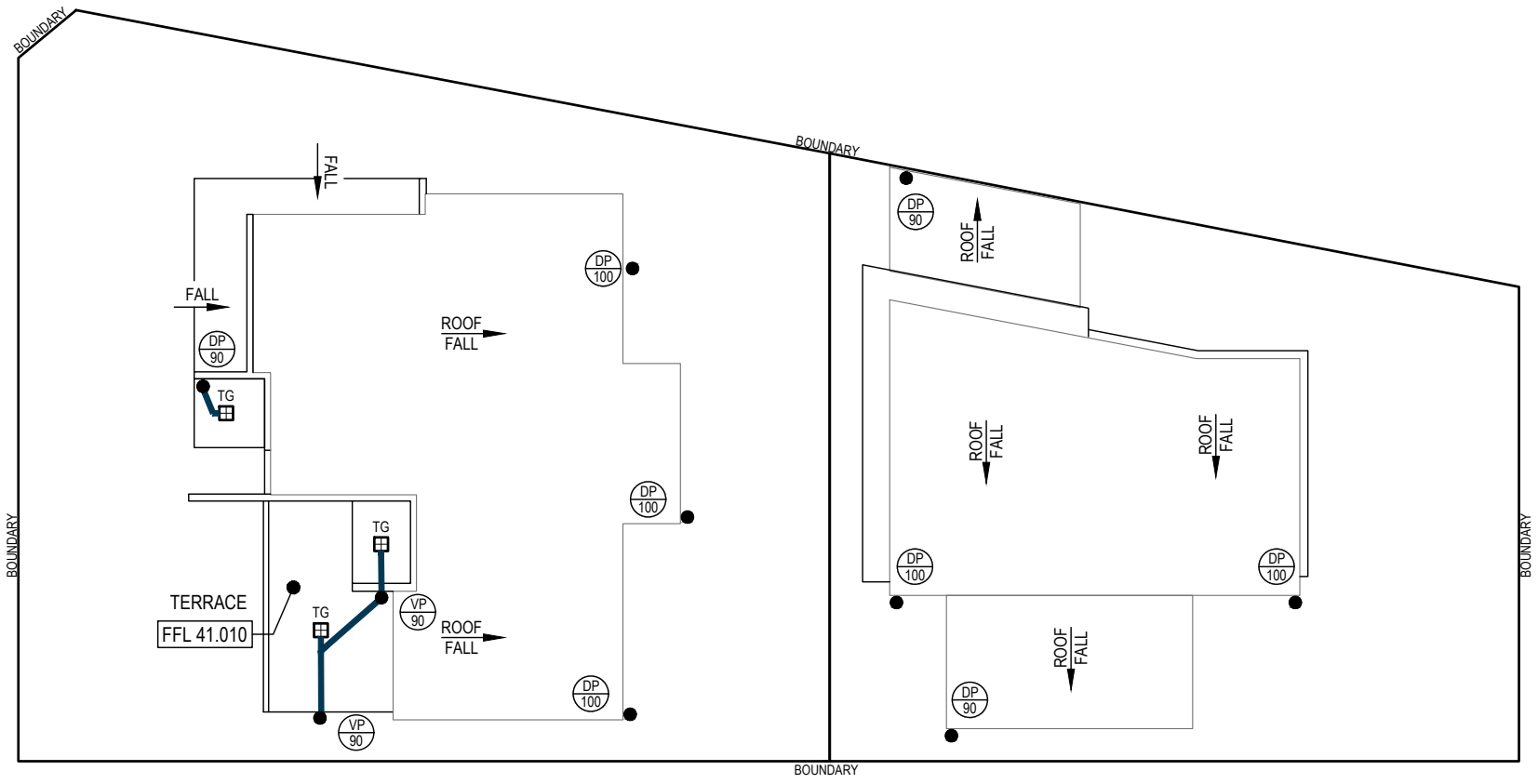


PLANS ARE FOR CONCEPT ONLY
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	0413 942 613						PROPOSED DUAL OCCUPANCY No.2 STEPHENSON STREET ROSELANDS		ISSUE A	D3	
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BALCONY MEMBRANE TERMINATION - AS4654.2
NTS




- ROOF DRAINAGE**
- GUTTERING - CROSS SECTIONAL AREA OF GUTTER TO BE GREATER THAN 7800mm²
 - DOWN PIPES - 100mm DIA PVC OR COLORBOND
- NOTE: ROOF DESIGNED TO 5% AEP INTENSITY 165 mm/hr**



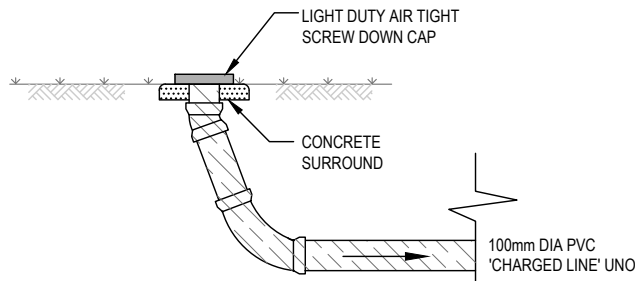
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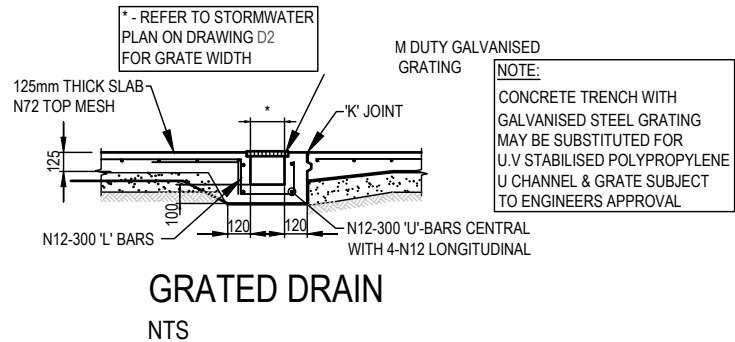
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STORMWATER MANAGEMENT ROOF PLAN
PROJECT TITLE
PROPOSED DUAL OCCUPANCY No.2 STEPHENSON STREET ROSELANDS

SHEET SIZEA3	JOB REFERENCE E230212
DESIGNED SR	DRAWING No. D4
CHECKED YR	No. IN SET 7
ISSUE A	
SCALE 1:200	



INSPECTION RISER - IR
NTS

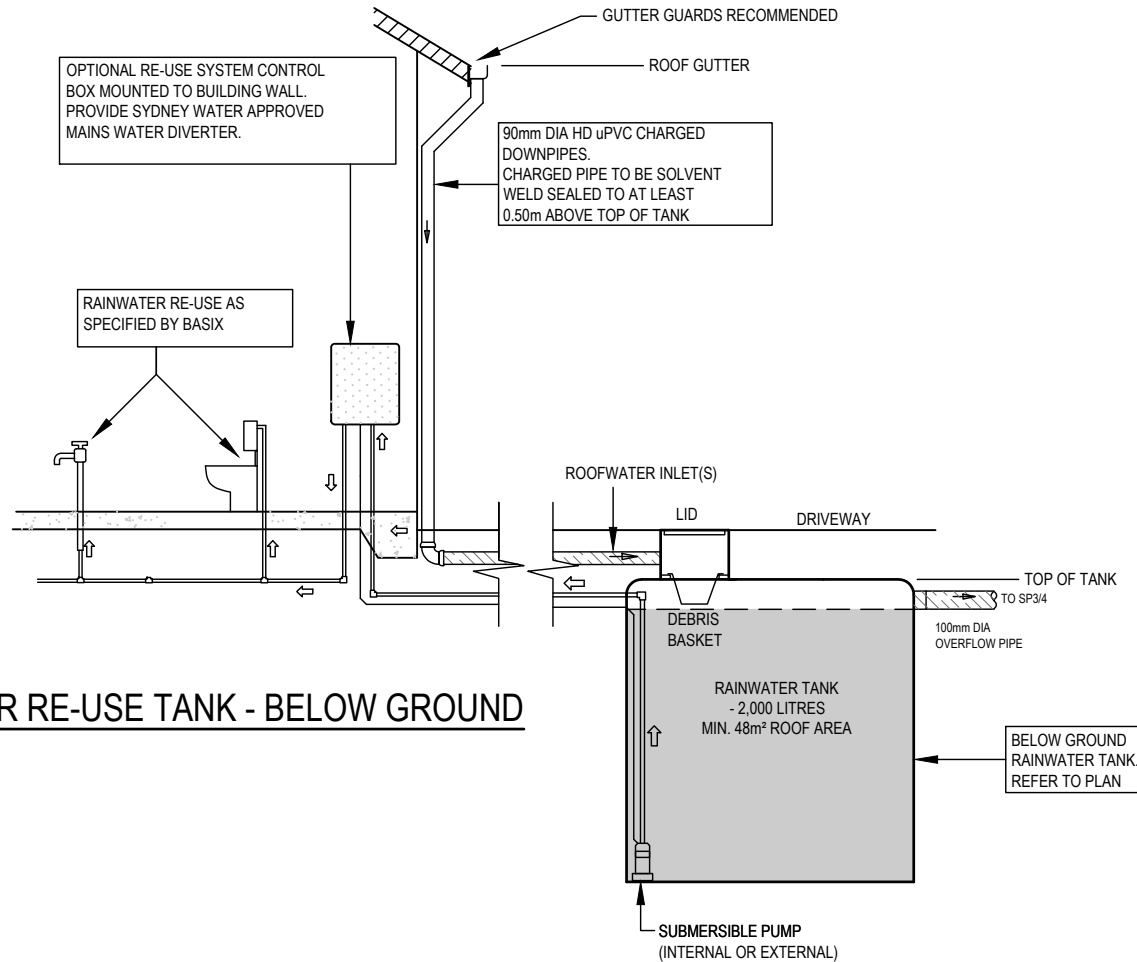


GRATED DRAIN
NTS



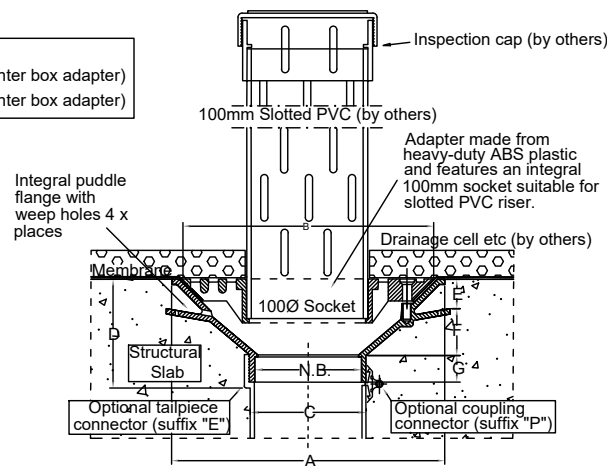
TYPICAL WARNING SIGN
NTS

EVERY EXTERNAL SUPPLY OUTLET FROM
RAINWATER RE-USE TANK TO BE LABELED
WITH METALLIC WARNING SIGN



RAINWATER RE-USE TANK - BELOW GROUND
NTS

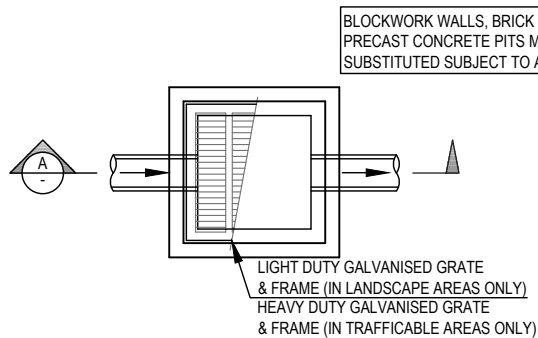
Specification code:
TIA100PB (100mm CI body with planter box adapter)
TIA150PB (150mm CI body with planter box adapter)



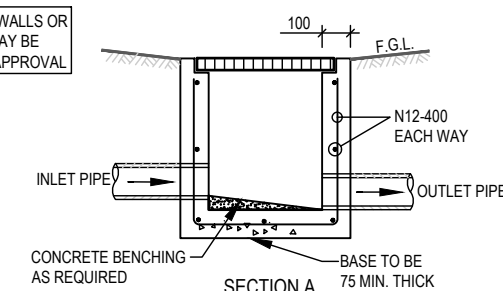
Dimensions (mm)

N.B	A	B	C	D	E	F	G
100	260	240	103	106	28	45	25
150	260	240	151	86	28	37	25

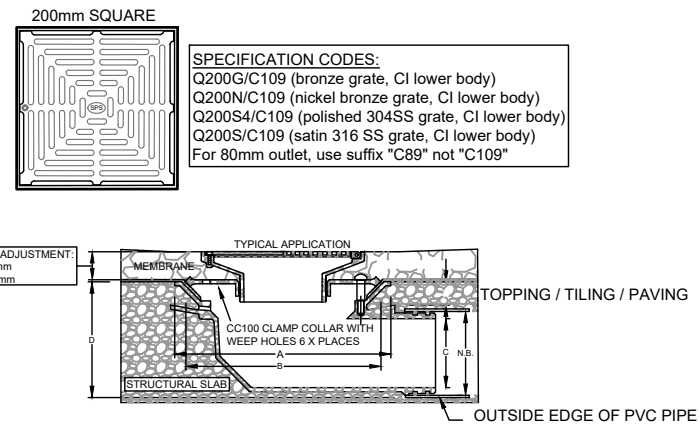
PLANTER GRATE - PG
NTS



TYPICAL PIT (SIP)
NTS



NOTE:
ALL PROPOSED SITE PITS ARE TO BE
CONSTRUCTED IN CONCRETE CAST IN SITU.
PLASTIC OR BRICK PITS ARE NOT ACCEPTABLE.
HOWEVER, 'COUNCIL MAY CONSIDER PRE-CAST
UNITS IF THE UNITS ARE PLACED ON A SOLID
BASE OF GRAVEL OR CONCRETE OF 75mm
THICK AND BACKFILL UP TO HALF THE DEPTH
OF THE PIT SURROUND WITH CONCRETE.



N.B	A	B	C	D	E
80	260	240	62	115	28
100	260	240	83	140	28

TERRACE GRATE (SPS) - TG
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DRAWING TITLE
STORMWATER DETAILS
PROJECT TITLE
PROPOSED DUAL OCCUPANCY No.2 STEPHENSON STREET ROSELANDS

SHEET SIZEA3	JOB REFERENCE E230212
DESIGNED SR	DRAWING No. D5
CHECKED YR	No. IN SET 7
ISSUE A	
SCALE AS NOTED	

DUST CONTROL:

- NOTE: DURING EXCAVATION, DEMOLITION AND CONSTRUCTION, ADEQUATE MEASURES SHALL BE TAKEN TO PREVENT DUST FROM AFFECTING THE AMENITY OF THE NEIGHBORHOOD.

THE FOLLOWING MEASURES MUST BE ADOPTED:

1. PHYSICAL BARRIERS SHALL BE ERECTED AT RIGHT ANGLES TO PREVENT WIND DIRECTION OR SHALL BE PLACED AROUND OR OVER DUST SOURCES TO PREVENT WIND OR ACTIVITY FROM GENERATING DUST.
2. EARTHWORKS AND SCHEDULING ACTIVITIES SHALL BE MANAGED TO COINCIDE WITH THE NEXT STAGE OF DEVELOPMENT TO MINIMISE THE AMOUNT OF TIME THE SITE IS LEFT TO CUT OR EXPOSED.
3. ALL MATERIALS SHALL BE STORED OR STOCKPILED AT THE BEST LOCATIONS.
4. THE GROUND SURFACE SHOULD BE DAMPENED SLIGHTLY TO PREVENT DUST FROM BECOMING AIRBORNE BUT SHOULD NOT BE WET TO THE EXTENT THAT RUN-OFF OCCURS.
5. ALL VEHICLES CARRYING SOIL OR RUBBLE TO OR FROM THE SITE SHALL AT ALL TIMES BE COVERED TO PREVENT THE ESCAPE OF DUST.
6. ALL EQUIPMENT WHEELS SHALL BE WASHED BEFORE EXISTING THE SITE USING MANUAL OR AUTOMATED SPRAYERS AND DRIVE - THROUGH WASHING BAYS.
7. GATES SHALL BE CLOSED BETWEEN VEHICLE MOVEMENTS SHALL BE FITTED WITH SHADE CLOTH.
8. CLEANING OF FOOTPATHS AND ROADWAYS SHALL CARRIED OUT DAILY.
9. ALL BUILDERS REFUSE, SPOIL AND/OR MATERIAL UNSUITABLE FOR USE IN LANDSCAPE AREAS SHALL BE REMOVED FROM SITE ON COMPLETION OF THE BUILDING WORKS.

NOTES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY SITE MANAGER IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
2. ALL STOCKPILES TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS.
3. DRAINAGE IS TO BE CONNECTED TO STORMWATER SYSTEM AS SOON AS POSSIBLE.
4. ROADS AND FOOTPATH TO BE SWEEPED DAILY AS REQUIRED BY COUNCIL.
5. IF YOU DO NOT COMPLY WITH COUNCIL REQUIREMENTS & DOCUMENTATION, YOU MAY BE LIABLE TO PROSECUTION FROM GOVERNMENT AUTHORITIES .

LEGEND:

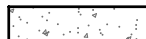
UNDISTURBED VEGETATION



SEDIMENT FENCE



STOCK PILES



STABILIZED SITE ACCESS

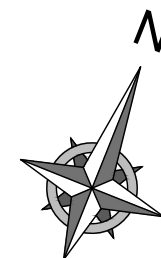
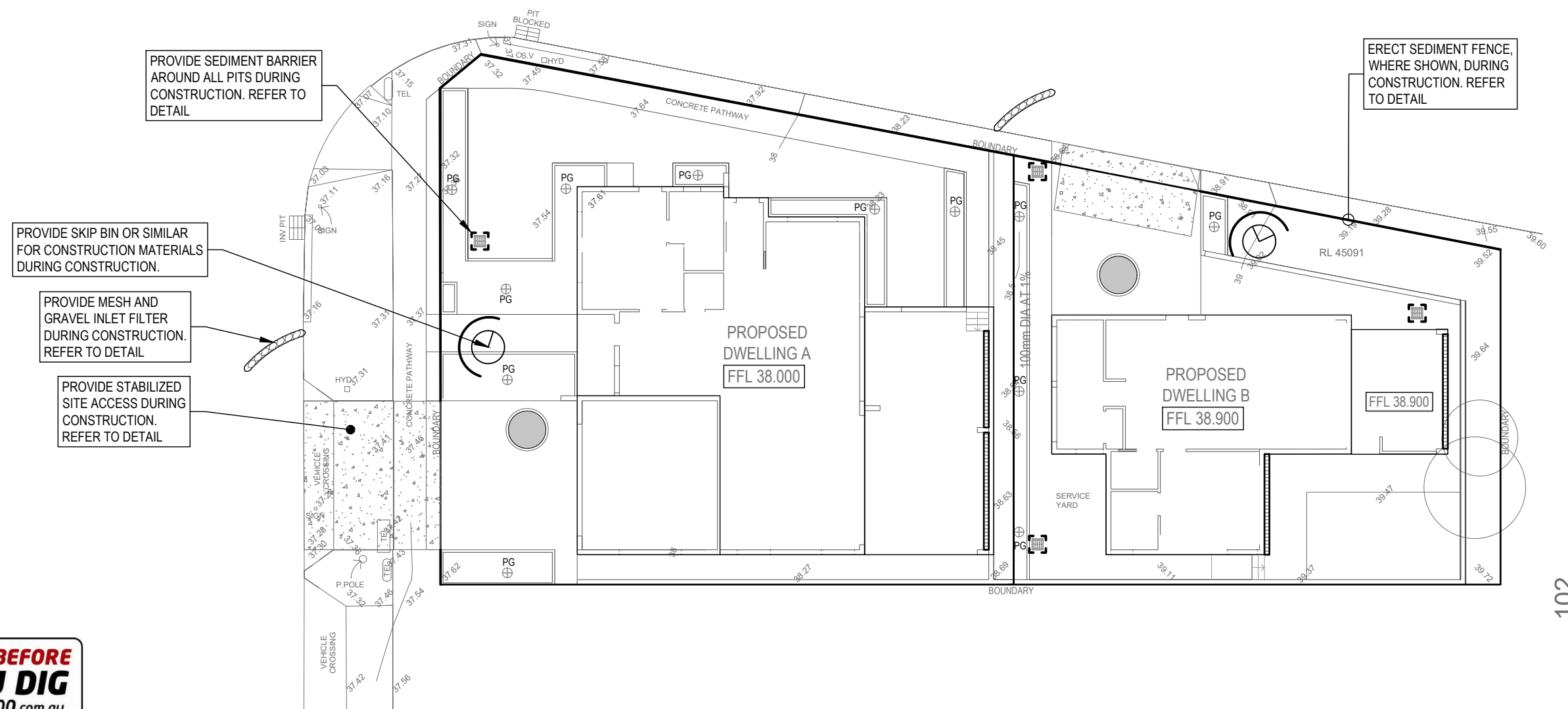
MESH & GRAVEL INLET FILTER



WATER DIVERSION



STORMWATER PIT WITH
SEDIMENT BARRIER



APPROVED BY

NADER ZAKI
MIEAust CPEng NER



📞 0413 942 613

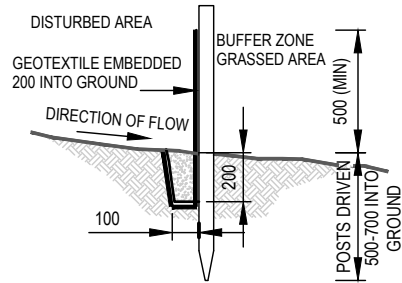
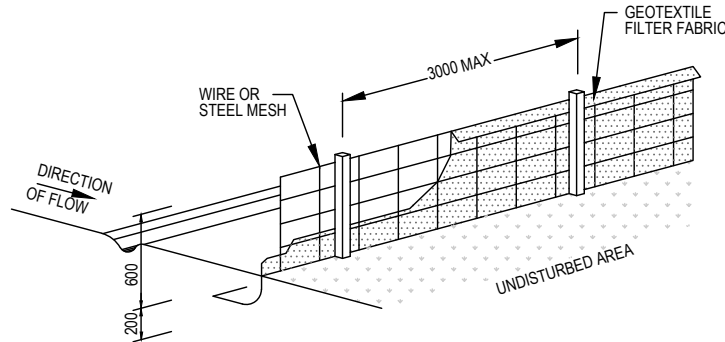
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	SEDIMENT CONTROL PLAN
	PROJECT TITLE
	PROPOSED DUAL OCCUPANCY No.2 STEPHENSON STREET ROSELANDS

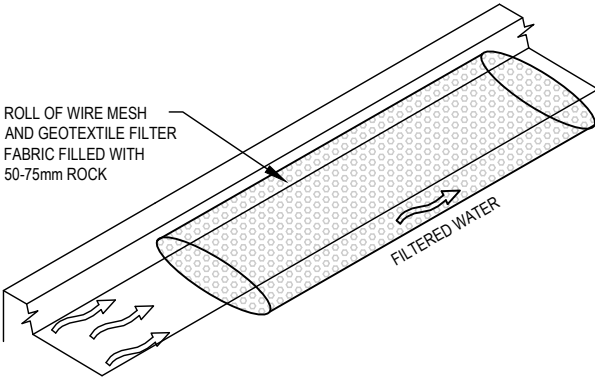
SHEET SIZE	A3	JOB REFERENCE E230212
DESIGNED	SR	
CHECKED	YR	DRAWING No. D6
ISSUE	A	
SCALE	1:200	No. IN SET 7



SEDIMENT FENCE DETAIL

NTS

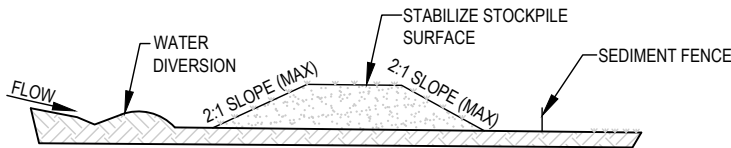
- CONSTRUCTION NOTES:**
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENTS AREA OF ANY ONE SECTION. THE CATCHMENTS AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10 YEAR EVENT.
 2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
 3. DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT 2.5m INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
 4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
 5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH 150mm OVERLAP.
 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



MESH AND GRAVEL FILTER

NTS

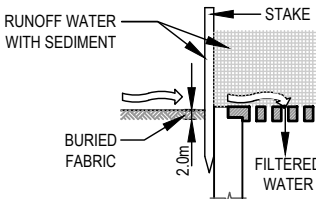
- CONSTRUCTION NOTES:**
1. INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS
 2. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
 3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150mm(h) x 400mm(w).
 4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
 5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
 6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.



STOCKPILE

NTS

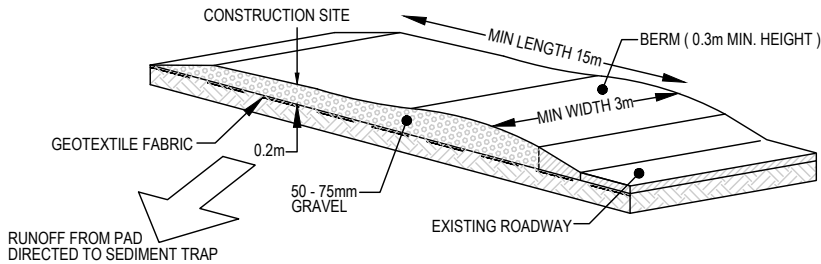
- NOTE:**
1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METERS FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
 2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
 3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METERS IN HEIGHT.
 4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILIZE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
 5. CONSTRUCT EARTH BANKS (LOW FLOW) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES 1 TO 2 METERS ON THE DOWNSLOPE.



SEDIMENT BARRIER AROUND PIT

NTS

- CONSTRUCTION NOTES:**
1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
 2. FOLLOW STRAW FILTER AND SEDIMENT FENCE FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
 3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
 4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.



STABILIZED SITE ACCESS

NTS

- CONSTRUCTION NOTES:**
1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE
 2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE
 3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASED OR 30mm AGGREGATE
 4. ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILD ALIGNMENT AND AT LEAST 3 METERS WIDE.
 5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILIZED ACCESS, CONSTRUCT A HUMP IN THE STABILIZED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.



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REVISION	DRAWN	DESCRIPTION	DATE
A	SR	ISSUED FOR DA	31.05.2023

DRAWING TITLE
SEDIMENT CONTROL DETAILS
PROJECT TITLE
PROPOSED DUAL OCCUPANCY No.2 STEPHENSON STREET ROSELANDS

SHEET SIZEA3	JOB REFERENCE E230212
DESIGNED SR	DRAWING No. D7
CHECKED YR	No. IN SET 7
ISSUE A	
SCALE AS NOTED	