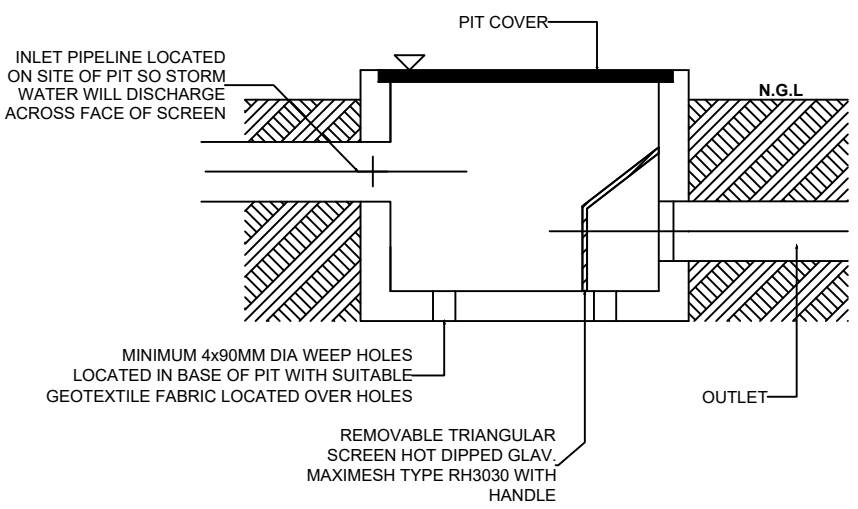
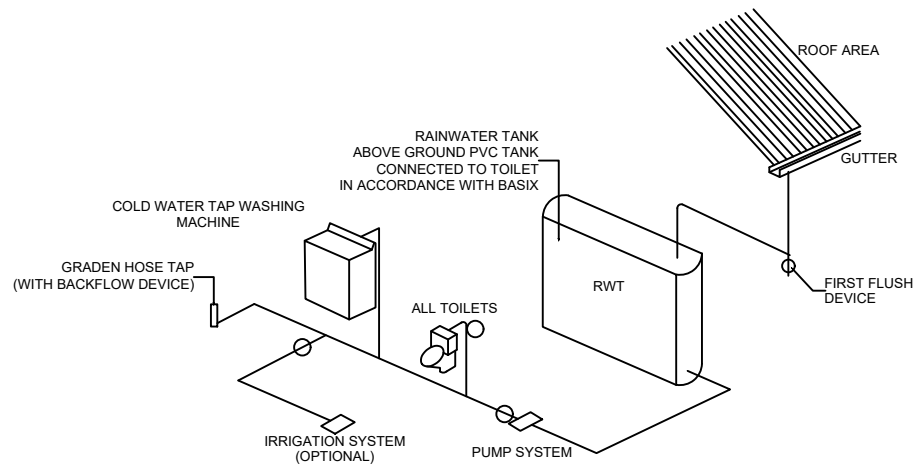

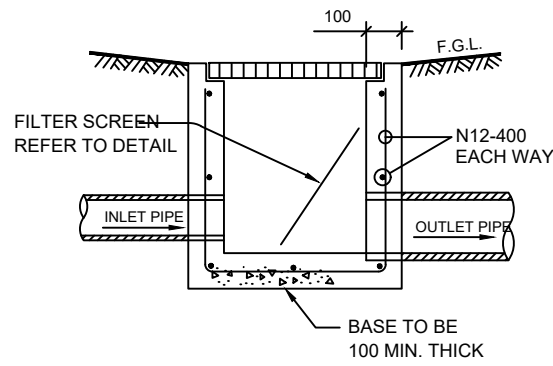


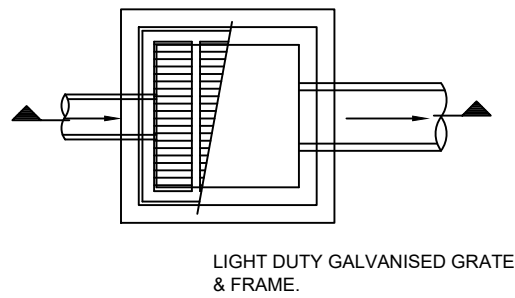
<div><p>PIT SECTION (Dimension & Level refer to plan) N.T.S</p></div>	<div><p>DRAINAGE NOTES:</p><ol style="list-style-type: none">1. ALL STORM WATER DRAINAGE TO BE IN ACCORDANCE WITH AS3500.3 AND COUNCIL REQUIREMENTS2. DOWN PIPE LOCATIONS ARE INDICATIVE ONLY. FINAL LOCATION TO BE DETERMINED BY PLUMBER.3. ANY DISCREPANCY OR CONFUSION ON THESE DRAWINGS MUST BE NOTIFIED TO THE ENGINEER BEFORE PROCEEDING FURTHER ON THE WORKS.4. CONTRACTOR SHALL VERIFY THE VALUE OF THE BM PRIOR TO COMMENCEMENT OF WOK5. MAKE SMOOTH JUNCTION WITH EXISTING WORKS6. ALL EXISTING SERVICES IN THE ROAD RESERVE SHALL BE IDENTIFIED PRIOR TO CONSTRUCTION AND RELOCATED AS REQUIRED AT OWNERS EXPENSE.7. ALL CONTROL MEASURES USED SHALL BE IN ACCORDANCE WITH HE DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT PUBLICATION DATED 1992 TITLED 'URBAN EROSION AND SEDIMENT CONTROL'8. ALL GRATED DRAINAGE PITS ARE TO BE BENCHED OR STREAMLINED, UNLESS NOTES OTHERWISE.9. ALL DRAINAGE PIPES ARE TO BE UPVC GRADE, UNLESS NOTED OTHERWISE10. THE MINIMUM COVER OVER ALL DRAINAGE PIPES TO BE 150MM OR 300MM UNDER A DRIVEWAY11. ALL DRAINAGE PIPES ARE TO HAVE MINIMUM PIPE GRADIENT OF 1%12. ALL DRAINAGE PITS ARE TO BE INSTALLED WITH A CHILD PROOF SAFETY LATCH ON THE ACCESS GRATE.13. ALL EDGE BEAM PENETRATIONS SHALL BE SLEEVED TO ALLOW FOR RELATIVE MOVEMENT CLOSED-CELL POLYETHYLENE LAGGING SHALL BE USED AROUND ALL PIPE PENETRATIONS THROUGH FOOTINGS OR WALLS14. CONNECTION OF STORM WATER DRAINS SHALL INCLUDE FLEXIBLE CONNECTIONS15. ALL GUTTERS ARE TO BE INSTALLED WITH LEAF SCREENERS16. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE SET IN PLACE PRIOR TO ANY WORKS COMMENCING17. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AND REMOVE ACCUMULATED SILT FROM SUCH DEVICES BEFORE NO MORE THAN 60% OF THEIR CAPACITY IS LOST. NO SILT SHALL BE PLACED OUTSIDE THE LIMIT OF WORKS18. ALL DISTURBED AREAS SHALL BE STABILIZED BY MEANS OF LANDSCAPING, TURF OR RE-VEGETATED AS SOON AS POSSIBLE19. HYDRAULIC DRAWINGS SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, CIVIL WORKS DRAWINGS AND SPECIFICATIONS20. THE FOLLOWING POINTS SHALL BE HOLD POINTS DURING CONSTRUCTION:<ul style="list-style-type: none">- TRENCH AND BEDDING PRIOR TO LAYING OF PIPES- PIPES, PRIOR TO BACKFILLING- PITS, PRIOR TO BACKFILLING- FINAL INSPECTION</div>	<div><p>RAINWATER RE-USE SYSTEM NOTES</p><ol style="list-style-type: none">1. RAINWATER SUPPLY PLUMBING TO BE CONNECTED AS REQUIRED BY THE BASIX CERTIFICATE.2. TOWN WATER CONNECTION TO RAINWATER TANKS TO BE THE SATISFACTION OF SYDNEY WATER. THIS MAY REQUIRE PERMISSION OF:<ul style="list-style-type: none">a. PERMANENT AIR GAP.b. A BACK FLOW PREVENTION DEVICEc. NO DIRECT CONNECTION BETWEEN TOWN WATER SUPPLY AND THE RAINWATER SUPPLY.d. AN APPROVED STOP VALVE AND/OR PRESSURE LIMITING VALVE AT THE RAINWATER TANKS.3. PROVIDE AT LEAST ONE EXTERNAL HOSE COCK ON THE TOWN WATER SUPPLY FOR FIRE FIGHTING PURPOSES.4. PROVIDE APPROPRIATE FLOAT VALVES AND/OR SOLENOID VALVES TO CONTROL TOWN WATER SUPPLY INLET TO TANK IN ORDER TO ACHIEVE THE TOP-UP ZONE.5. ALL PLUMBING WORKS ARE TO BE CARRIED OUT BY LICENSED PLUMBERS IN ACCORDANCE WITH AS3500.1 NATIONAL PLUMBING AND DRAINAGE CODE.6. PRESSURE PUMP ELECTRICAL CONNECTION TO BE CARRIED OUT BY A LICENSED ELECTRICIAN.7. ONLY ROOF RUN-OFF IS TO BE DIRECTED TO THE RAINWATER TANKS. SURFACE WATER INLETS ARE NOT TO BE CONNECTED.8. PIPE MATERIALS FOR RAINWATER SUPPLY PLUMBING ARE TO BE APPROVED MATERIALS TO AS 3500 PART1, SECTION 2 AND TO BE CLEARLY AND PERMANENTLY IDENTIFIED "RAINWATER. THIS MAY BE ACHIEVED FOR BELOW GROUND PIPES USING IDENTIFICATION TAPE (MADE IN ACCORDANCE WITH AS 2648) OR FOR ABOVE GROUND PIPES BY USING ADHESIVE PIPE MARKERS (MADE IN ACCORDANCE WITH AS1345).9. EVERY RAINWATER SUPPLY OUTLET POINT AND RAINWATER TANK ARE TO BE LABELED "RAINWATER "ON A METALLIC SIGN IN ACCORDANCE WITH AS1319.10. ALL INLETS AND OUTLETS TO THE RAINWATER TANK ARE TO HAVE SUITABLE MEASURES PROVIDED TO PREVENT MOSQUITO AND VERMIN ENTRY.</div>
<div><p>RAINWATER TANK DETAIL SCHEMATIC (If Applicable) N.T.S</p></div>	<div><p>OSD & RAINWATER TANK NOTES:</p><ol style="list-style-type: none">1. RAIN TANK TO BE TO MANUFACTURES SPECIFICATIONS AND TO COMPLY WITH ALL SYDNEY WATER GUIDELINES.2. RAINWATER TANKS WITH PUMPS TO SUPPLY GARDEN TAPS AND INTERNAL RE-USE AS PER BASIX ASSESSMENT.3. PROVIDE DOWNPIPE GUARDS TO ALL DOWN PIPES.4. PROVIDE ONE CLEANING EYE TO ALL CHARGED PIPELINES FROM MAINTAINS AS PER DETAIL.<p>STOREWATER LAY OUT:</p><p>PITS UP TO 600 DEEP TO BE 450 X 450 U.N.O PITS UP TO 900 DEEP TO BE 600 X 600 U.N.O PITS UP TO 1200 DEEP TO BE 900 COVER AND SUMP GRATES SHALL COMPLY WITH AS 2733 &AS 4198 DOWNPIPES TO BE 100 DIA IF CHARGED AND 100 X 50 BOX IF AS 3500.3.2.4.11 & AS 4198.</p><p>GUTTER OUTLETS SHALL BE FITTED VERTICALLY TO THE SOLE OF THE EAVE GUTTER.</p><p>RAINHEADS TO HAVE AN OVERFLOW DUCK OR WEIR 50MM BELOW THEIR CREST.</p><p>SUBSOIL DRAINS TO BE IN ACCORDANCE WITH AS2439.1 CLASS 100 TO BE USED ONLY IN SINGLE DWELLINGS.</p><p>ALL PIPE JOINTS TO BE IN ACCORDANCE WITH AS 3500. 3.2.2.7</p><p>ALL VALVES TO BE IN ACCORDANCE WITH AS3500.3.2</p><p>EXPANSION JOINTS SHALL COMPLY WITH AS3500.3.2: TABLE 4.1</p><p>PVC JOINTS AND ACCESSORIES TO COMPLY WITH AS2179.2 & AS4198.</p><p>ALL TRENCHES TO BE IN ACCORDANCE WITH AS3500.3.2:7.2.8-14.</p><p>EMBEDMENT MATERIAL AND TRENCH FILL TO ALL PIPS & SUBSOIL, DRAINS TO BE IN ACCORDANCE WITH AS3500.3.2:7.</p><p>IT IS THE BUILDER'S RESPONSIBILITY TO CONFIRM THAT LEVELS AND SURVEYS ARE IN ACCORDANCE WITH LEVELS ON SITE & ARE APPROVED BY COUNCIL & ARCHITECT BEFORE COMMENCING WORK.</p><p>NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED BELOW THE MAXIMUM WATER SURFACE LEVEL IN DETENTION BASIN.</p><p>ALL FENCES WHICH MAY DIVERT FLOW FROM PROPOSED DIRECTION TO BE RAISED 100MM. ALL DRAINAGE AREAS TO HAVE OVERFLOW MECHANISM IN PLACE IN THE EVENT OF BLOCKAGE WITH MIN 200 X 100 OVERFLOW SECTION THROUGH PLANTERS, PARAPETS ETC.</p><p>ALL EXTERIOR FINISHED GROUND LEVELS ARE TO BE SLOPING AWAY FROM PERIMETER WALLS IN ALL CASES.</p><p>ALL FINISHED FLOOR LEVELS ARE NOMINATED BY THE ARCHITECT.</p></div>	<div><p>RAINWATER TANK NOTES</p><ul style="list-style-type: none">• RAINWATER TANKS ARE TO BE SIZED AND CONNECTED TO SERVICES AS SPECIFIED IN THE BASIX REPORT AND TO COUNCILS REQUIREMENT.• ALL RAINWATER TANK SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH MANUFACTURES AND COUNCILS SPECIFICATIONS• ALL PIPE WORK IS TO BE UNDERTAKEN BY LICENSED PLUMBER AND A FIRST FLUSH DEVICE MUST BE FITTED WHERE APPROPRIATE• THE TANK SHOULD BE PRE-FABRICATED AND MUST BE STRUCTURALLY SOUND AND DESIGNED FOR HYDROSTATIC AND BUOYANCIES FORCES WHERE APPROPRIATE.• ANY INLET MUST BE SCREENED TO PREVENT ENTRY OF FOREIGN MATTER AND MOSQUITO BREEDING, AND TANKS AND ASSOCIATED STRUCTURES ARE TO BE CHILDPROOFED.• TANKS MUST NOT BE INSTALLED OVER OR IMMEDIATELY ADJACENT TO A WATER OR SEWER MAIN OR OVER ANY EASEMENTS, STRUCTURES, OR FITTINGS USED IN THEIR MAINTENANCE WITHOUT MEETING THE REQUIREMENTS AND APPROVAL OF RELEVANT PUBLIC AUTHORITY.• MAINTENANCE OF THE TANK, ASSOCIATED DEVICES (E.G. FIRST FLUSH DEVICES AND INLET SCREEN), AND THE WATER SUPPLY AREA (SUCH AS ROOF GUTTERS) SHOULD BE IN ACCORDANCE WITH THE MANUFACTURES INSTRUCTIONS.• THE RAINWATER TANK AND SERVICES, PIPELINES, TANK OUTLET. VALVES ETC. SHALL BE CLEARLY, PERMANENTLY AND APPROPRIATELY MARKED AND LABELED.• ANY APPROPRIATE BACK FLOW PREVENTION MEASURE ARE TO BE INSTALLED AND MAINTAINED TO PREVENT CONTAMINATIONS OF WATER SUPPLY TO SYDNEY WATER REQUIREMENTS.• ANY PUMP AND ELECTRICAL CONNECTIONS ARE INSTALLED BY LICENSED ELECTRICIAN IN ACCORDANCE WITH MANUFACTURES SPECIFICATIONS. AND SATISFY STATUTORY NOISE LEVELS.• ADEQUATE SEPARATION TO PARALLEL POTABLE WATER SUPPLY LINES IS TO BE ADHERED TO.• RAINWATER IS ONLY TO BE COLLECTED FROM ROOFS AND ASSOCIATED SURFACES CONSTRUCTED FROM APPROPRIATE MATERIALS FROM 'NON' ASBESTOS ROOFS.• WHERE STORM WATER LINES ARE CHARGED INTO THE RAINWATER TANK PROVIDE CLEANING EYE TO BASE OF DOWN PIPES AND ENSURE DOWN PIPES ARE WATERTIGHT SEALED TO GUTTER LEVEL.</div>

<div><p>Designed/Drawn A.ASHOSH</p><p>Approved K.NAJJAR</p></div> <div><p>MOBILE 0450814011</p><p>MOBILE 0414062484</p></div>	<p>Council CANTERBURY BANKSTOWN</p> <p>Zoning R2</p> <p>Lot/DP 2/10850</p>	<p>PROJECT PROPOSED NEW GRANNY</p> <p>Client -</p> <p>Publish Date 21/05/2024</p>	<p>DRAWING TITLE</p> <p>GENERAL NOTES 1</p>	<p>NTS</p> <p>91 FIFTH AVE CAMPSIE NSW 2194</p> <p>DRAWING NO. H01</p>
---	--	---	---	--

The contractor and / or subcontractors shall be responsible for all levels and dimensions prior to commencing on site or off site constructions and/or fabrications. These drawings must not be scaled. These drawings are dimensioned in (mms).These drawings must be read in conjunction with all other drawings and/or instructions as may be issued during the course of the project.These drawings are copyright and must not be retained, copied, developed or amended without a written consent from RK INFRA. All works resulting of these drawings are to be in accordance with 1- The Building Code of Australia. 2- All codes and regulations of LOCAL AUTHORITY REQUIREMENTS. 3- All related Trades Australian Standards. These drawings are site specific and can only be used for the address as listed in these drawings. These drawings are site specific and can only be used for the address listed in these drawings. 1. All works to be in accordance with the Building Code of Australia, Australian Standards, statutory regulations and local authority requirements. 2. Consistency between similar materials to be maintained. RK INFRA to be notified discrepancies, dimensional inconsistencies or the need for clarification prior to manufacture. 3. RK INFRA to approve all detailed drawings/setting out prior to construction.5. Contractors to confirm stability and feasibility of all units/components manufacture. 6. All drawing measurements to be verified on site - do not scale from documents. 7. Refer to this document in conjunction with Specification or any other plans such as structural, hydraulic and electrical (if applicable) for further information.

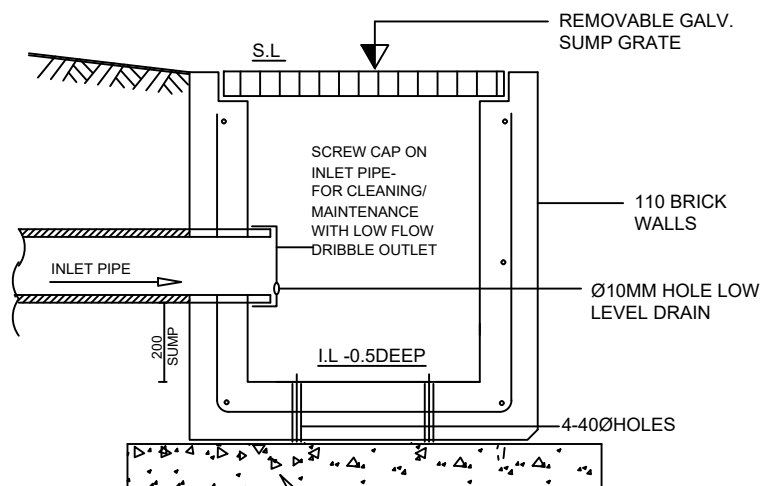


TYPICAL PIT
NTS



TYPICAL PIT DETAIL
NTS

BRICKWORK/BLOCKWORK WALLS OR
PRECAST CONCRETE PITS MAY BE
SUBSTITUTED SUBJECT TO APPROVAL



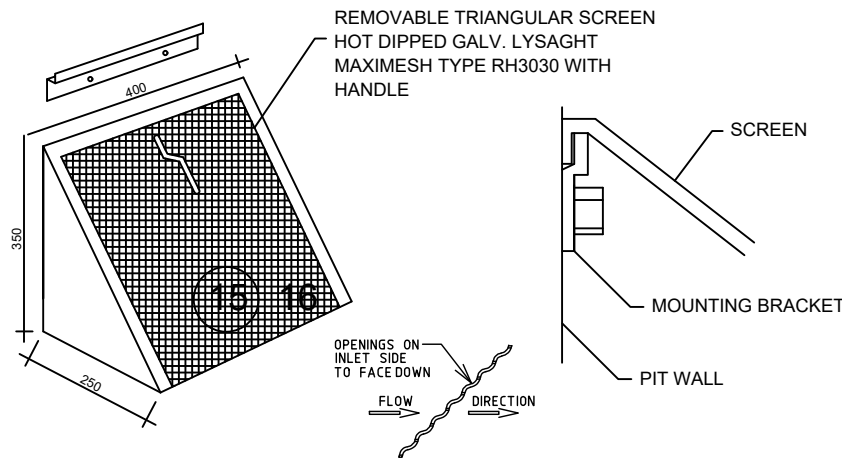
200mm DEEP BED OF 10mm Ø AGGREGATE
WRAPPED IN GEOTEXTILE FABRIC

MAINTENANCE PIT

100 DIA. UPVC PIPE
CONNECTED FROM GUTTERS
TO RAINWATER TANKS
AND TO BE FULLY SEALED
AND PAINTED TO PREVENT
DAMAGE FROM SUN

100 DIA. SEWER
GRADE INLET PIPE
JOINTS FULLY SEALED

**TYPICAL CHARGED
DOWNPIPE**



MULTI PURPOSE FILTER SCREEN
NTS

PRODUCT CODE: MMPS (MASCOT ENGINEERING)
FITTED TO CONTROL PIT PRIOR TO OUTLET

100 DIA. SEWER GRADE
CHARGED LINE FROM
DOWNPIPES

PROVIDE SEALED
SCREW CAP
INSPECTION &
FLUSHING POINT.
INSPECTION EYE FOR
CLEANING

PUMP OUT
TO BE
CONNECTED
AS
REQUIRED
BY BASIX
CERTIFICATE

NGL

FIRST FLUSH DEVICE

RWT AS PER BASIX

TANK BASE

CONCRETE BLOCK PIPE
SUPPORT
(TYPICAL).

OVERFLOW PIPE
CONNECTED TO OUTLET

SCREEN BASKET

FIRST FLUSH DEVICE

GUTTER INVERT
EAVE LINE

100 DIA. SEWER GRADE
OVERFLOW PIPE

INSPECTION EYE FOR
CLEANING

NGL

OUTLET

TYPICAL TANK DETAIL
NTS

- TANK WATER TAPS SHALL BE MARKED "RAINWATER NOT TO BE USED FOR HUMAN CONSUMPTION".
- RAINWATER TANK SHALL BE CONNECTED TO MAIN WATER SUPPLY AS BACKUP.
- THE PUMPS ARE TO BE INSTALLED IN ACCORDANCE WITH COUNCIL POLICY.
- TANK TO BE CONNECTED TO ALL TOILETS FOR TOILET FLUSHING, TO THE COLD WATER TAPS THAT SUPPLIES EACH WASHING MACHINE FOR CLOTHES WASHING & OUT DOOR TAPS FOR IRRIGATION USE.
- RAINWATER TANKS TO BE CLEANED OUT EVERY 6 MONTHS.
- WATER TANK AND ASSOCIATED STRUCTURE TO BE THE SAME COLOUR, OR A COLOUR COMPLEMENTARY TO THE DWELLING.
- TOP OF TANK TO BE BELOW TOP OF NEAREST FENCE, OR 2.1 METRES, WHICH EVER IS LESSER.
- THE WATER TANK SHOULD BE LOCATED AT LEAST 900mm FROM ANY PROPERTY BOUNDARY.
- PLUMBING FROM THE WATER TANK IS TO BE KEPT SEPARATE FROM THE RETICULATED WATER SUPPLY SYSTEM.
- TANK TO BE BUILT ON SELF SUPPORTING BASE.
- PROVIDE BACK-FLOW PREVENTION DEVICE AT MAINS WATER METER.
- ROOF DRAINING TO TANK MUST NOT CONTAIN LEAD, TAR BASED PAINTS AND ASBESTOS.
- WATER TO BE DRAWN FROM ANAEROBIC ZONE OF TANK.



Designed/Drawn
A.ASHOSH

Approved
K.NAJJAR

MOBILE
0450814011

MOBILE
0414062484

Council
CANTERBURY BANKSTOWN

Zoning
R2

Lot/DP
2/10850

PROJECT
PROPOSED NEW GRANNY

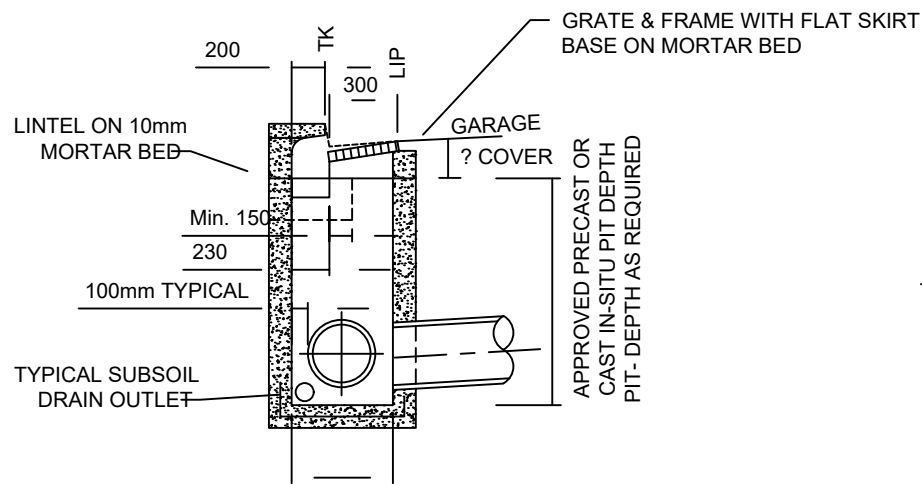
Client
-

Publish Date
21/05/2024

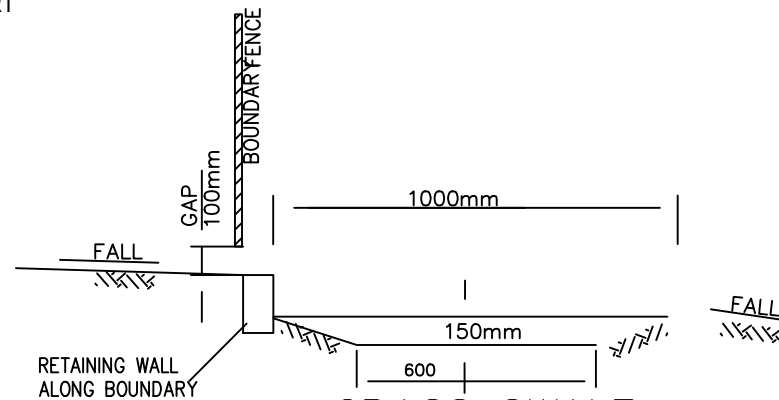
DRAWING TITLE
GENERAL NOTES 2

91 FIFTH AVE
CAMPSIE NSW 2194

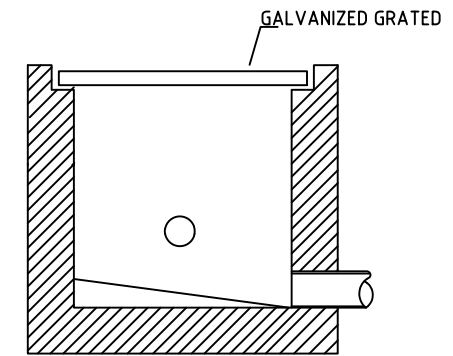
NTS
DRAWING NO.
H02



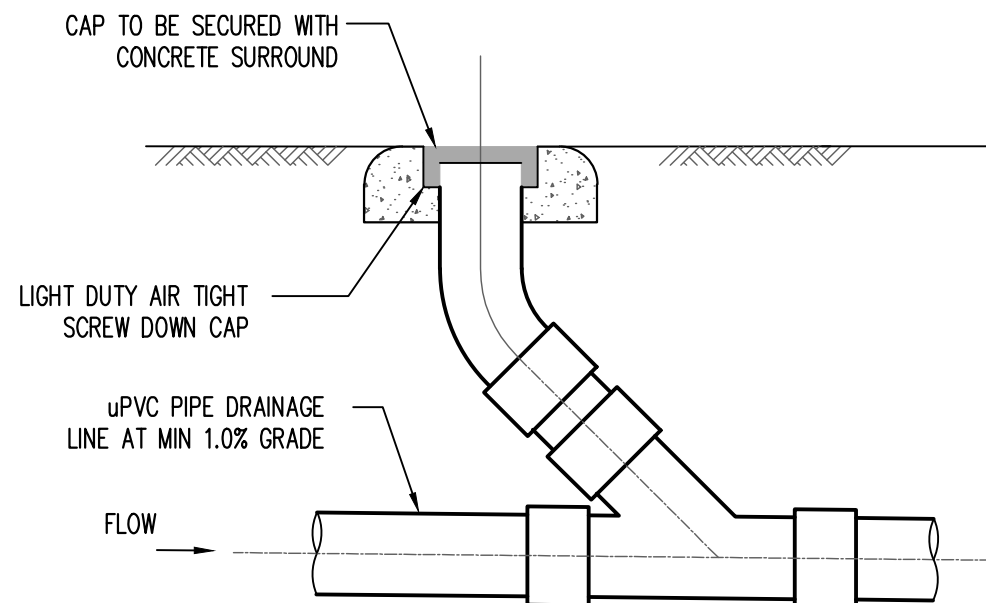
(Min 650mm WIDTH)
GRATE DETAIL



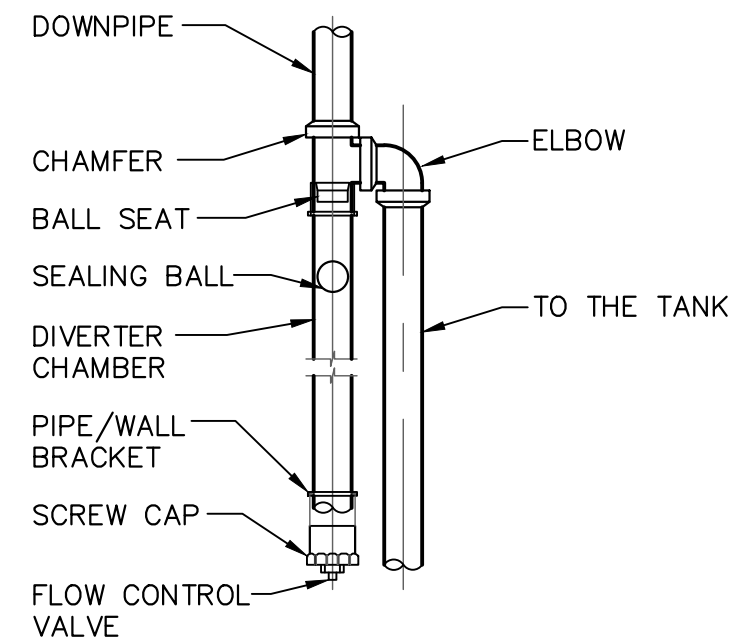
GRASS SWALE
OVERLAND FLOW CHANNEL
NOT TO SCALE



TYPICAL INTERNAL PIT DETAIL



TYPICAL CLEANING EYE DETAIL
SCALE NTS



FIRST FLUSH DETAIL
SCALE NTS



Designed/Drawn
A.ASHOSH

Approved
K.NAJJAR

MOBILE
0450814011

MOBILE
0414062484

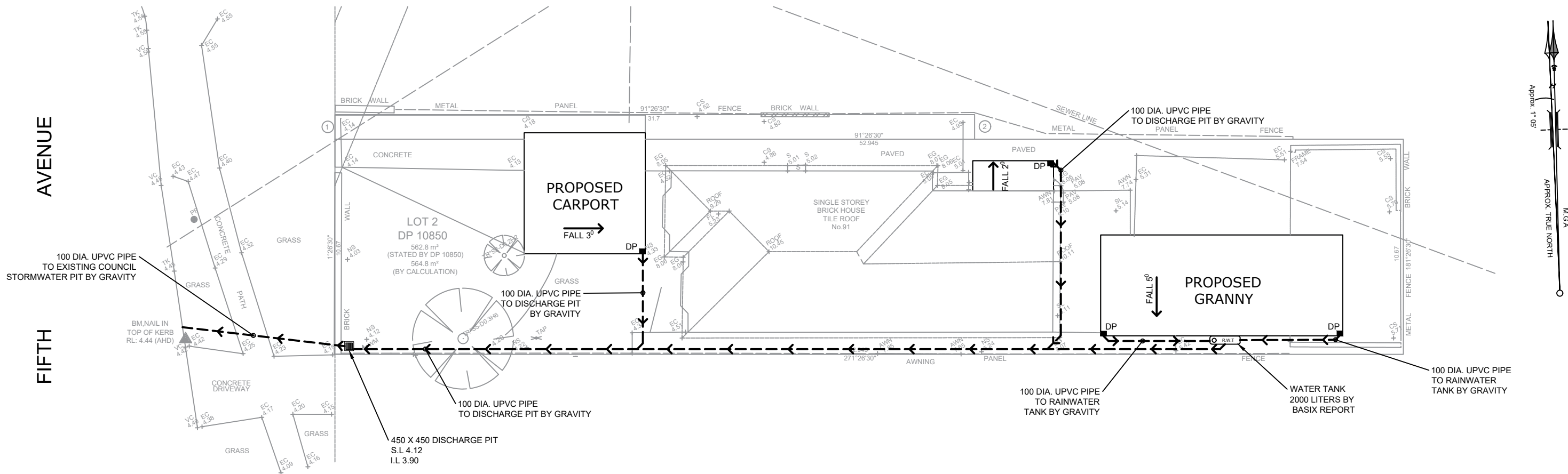
Council
CANTERBURY BANKSTOWN
Zoning
R2
Lot/DP
2/10850

PROJECT
PROPOSED NEW GRANNY
Client
Publish Date
21/05/2024

DRAWING TITLE
GENERAL NOTES 3

91 FIFTH AVE
CAMPSIE NSW 2194

NTS
DRAWING NO.
H03



NOTE:
All work to AS & BCA.,
Eaves to be 450 mm wide all around unless otherwise noted.
All Down Pipes to join council's storm water system. Charged system to have PVC Down Pipes, paint finished to selection
Flashings to be installed.
For pitch less than 8 Degrees minimum length of flashing to be 400mm long
Location of Down Pipes is indicative. To be confirmed on site by the Plumber.
ALL GUTTERS & DOWN PIPE TO BE INSTALLED TO MANUFACTURERS SPECIFICATIONS AND REQUIREMENTS.

NOTES: DOWNPIPES

ALL DOWNPIPES CONNECTED TO THE RAINWATER TANK ARE TO BE SEALED TO GUTTER LEVEL AND PAINTED.

NOTE: LEAF EATER RAINWATER HEADS

PROVIDE LEAF EATER RAINHEAD TO EACH DOWNPIPE TO ENSURE EACH DOWNPIPE AND RAINWATER TANK ARE KEPT CLEAN

NOTES:

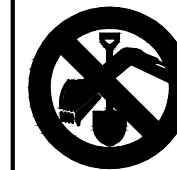
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE BUILDING CODE OF AUSTRALIA A.S.3500.3, COUNCILS STANDARD SPECIFICATION CODES AND THE THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
2. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, LANDSCAPE AND STRUCTURAL PLANS.
3. MINIMUM GRADES FOR ALL PIPE - 1.0%.
4. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
5. ALL DESIGN LEVELS SHOWN ON PLAN SHALL BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY WORK.
6. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.

STORMWATER LAYOUT

SCALE 1:200

- ALL DOWN PIPES TO BE 100 DIA.
- QUAD GUTTER TO BE 100 DIA.
- DITCH DRAIN TO COLLECT.
- EXACT LOCATION OF THE DOWN PIPES TO BE PINNED ON SITE BY BUILDER.
- EXACT LOCATION OF THE DISCHARGE PIT TO BE PINNED ON SITE BY BUILDER.
- EXACT LOCATION OF THE RAIN WATER TANK TO BE PINNED ON SITE BY BUILDER.

www.dialbeforeyoudig.com.au



**DIAL 1100
BEFORE YOU DIG**



Designed/Drawn

A.ASHOSH

Approved

K.NAJJAR

MOBILE

0450814011

MOBILE

0414062484

Council

CANTERBURY BANKSTOWN

Zoning

R2

Lot/DP

2/10850

PROJECT

PROPOSED NEW GRANNY

Client

-

Publish Date

21/05/2024

DRAWING TITLE

STORMWATER LAYOUT

1:200 A3

DRAWING NO.

H04