STORMATER MANAGEMENT PLAN: PROPOSED GRANNY FLAT, STUDIO & SWIMMING POOL 163 BEXLEY RD, KINGSGROVE 2208

GENERAL

- G1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL & OTHER WORKING DRAWINGS, SPECIFICATIONS & WITH SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
- G2. ALL WORKMANSHIP & MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE RELEVANT AUSTRALIAN STANDARDS, THE BUILDING CODE OF AUSTRALIA AND ANY OTHER APPLICABLE AUTHORITY REQUIREMENTS.
- G3. ANY CONFLICT BETWEEN THESE NOTES, THE SPECIFICATION, THE DRAWINGS OR ANY OTHER RELEVANT DOCUMENTS SHALL BE REFERRED TO HAMEC DESIGN STUDIO FOR DECISION PRIOR TO PROCEEDING WITH THE WORK.
- G4. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS. FOR SETTING OUT DIMENSIONS & LEVELS REFER TO ARCHITECTURAL DRAWINGS.
- G5. THE BUILDER SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL SHORING TO MAINTAIN THE STABILITY & INTEGRITY OF EXCAVATIONS & ADJACENT STRUCTURES.
- G6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF NAY EARTHWORKS.
- G7. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

STORMWATER

- SW1. ALL LEVELS ARE TO A.H.D. UNO.
- SW2. THE STORMWATER SYSTEM IS DESIGNED TO COMPLY WITH COUNCIL'S DESIGN CRITERIA AND TO APPROXIMATELY MAINTAIN EXISTING FLOW PATTERNS.
- SW3. OVERLAND FLOW PATHS ARE PRESERVED.
- SW4. EXISTING DRAINAGE AND LEVELS ARE BASED ON SURVEY PROVIDED & SHOULD BE ASSUMED TO BE APPROXIMATE. ALLOW TO CONFIRM ALL RELEVANT DETAILS BEFORE PROCEEDING WITH AFFECTED AREAS.
- SW5. STORMWATER DESIGN AND WORKS TO COMPLY WITH COUNCIL'S DCP, DESIGN CRITERIA AND AS3500.
- SW6. ALL PITS TO BE PRECAST CONCRETE OR F.R..C. UNO.
- SW7. DOWNPIPE LOCATIONS SHOULD BE CONFIRMED WITH ARCHITECTURAL PLANS UNO.
- SW8. GRADE LOCAL SURFACES INTO PITS TO ENSURE COLLECTION OF WATER & THAT THERE ARE NO AREAS OF PONDING, TYPICAL.
- SW9. GRATED TRENCHES AND SILT ARRESTOR PITS TO BE INSPECTED AND CLEANED AFTER PERIODS OF HEAVY
- SW10. TREE ROOTS TO BE AVOIDED DURING PLACEMENT OF DRAINAGE SYSTEM.
- SW11. ALL PIPES TO BE Ø100 UPVC UNO.
- SW12. ALL PIPES TO HAVE 100MIN. COVER IN LANDSCAPED AREAS AND 600 MIN. COVER IN TRAFFICABLE AREAS.
- SW13. ALL INLET AND OUTLET PIPES FROM PITS TO BE CONNECTED AT THE HIGHEST POSSIBLE INVERT LEVEL WHILST KEEPING 1% MIN. GRADE UNO.
- SW14. FINISHED SURFACES TO BE GRADED AWAY FROM THE DWELLING AND TOWARD THE PITS.
- SW15. GRATED TRENCHES TO BE 1% MIN. GRADE THROUGHOUT TO OUTLET PIPE.
- SW16. FINISHED CROSSING AND DRIVEWAY LEVELS ARE BASED ON SURFACE LEVELS OF THE EXISTING LAYBACK AND STREET BOUNDARY LEVELS.
- SW17. BEFORE COMMENCING CONSTRUCTION OF THE CROSSING AND DRIVEWAY, COUNCIL'S DESIGNED STREET BOUNDARY LEVELS MUST BE OBTAINED AND USED FOR CONSTRUCTION.

EROSION AND SEDIMENT CONTROL NOTES

- GENERAL INSTRUCTIONS 1. THIS SOIL AND WATER MANAGEMENT PLAN IS TO BE READ IN CONJUNCTION WITH OTHER ENGINEERING PLANS RELATING TO THIS DEVELOPMENT.
- CONTRACTORS WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE UNDERTAKEN AS INSTRUCTED IN THIS SPECIFICATION AND CONSTRUCTED FOLLOWING THE GUIDELINES OF "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION". DEPT OF HOUSING, 2004 (BLUE BOOK).
- ALL SUBCONTRACTORS WILL BE INFORMED OF THEIRRESPONSIBILITIES IN REDUCING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE AREAS.

LAND DISTURBANCE INSTRUCTIONS

- 4. DISTURBANCE TO BE NO FURTHER THAN 5 (PREFERABLY METRES FROM THE EDGE OF ANY ESSENTIAL ENGINEERING ACTIVITY AS SHOWN ON APPROVED PLANS. ALL SITE WORKERS WILL CLEARLY RECOGNISE THESE ZONES THAT, WHERE APPROPRIATE, ARE IDENTIFIED WITH BARRIER FENCING (UPSLOPE) AND SEDIMENT FENCING (DOWNSLOPE) OR SIMILAR MATERIALS.
- ACCESS AREAS ARE TO BE LIMITED TO A MAXIMUM WIDTH OF 10 METRES THE SITE MANAGER WILL DETERMINE AND MARK THE LOCATION OF THESE ZONES ON-SITE. ALL SITE WORKERS WILL CLEARLY RECOGNISE THESE BOUNDARIES THAT, WHERE APPROPRIATE, ARE IDENTIFIED WITH BARRIER FENCING (UPSLOPE) AND SEDIMENT FENCING (DOWNSLOPE) OR SIMILAR MATERIALS.
- ENTRY TO LANDS NOT REQUIRED FOR CONSTRUCTION OR ACCESS IS PROHIBITED EXCEPT FOR ESSENTIAL
- THINNING OF PLANT GROWTH. WORKS ARE TO PROCEED IN THE FOLLOWING
 - SEQUENCE: A.INSTALL ALL BARRIER AND SEDIMENT FENCING
 - WHERE SHOWN ON THE PLAN. B. CONSTRUCT THE STABILISED SITE ACCESS. C. CONSTRUCT DIVERSION DRAINS AS REQUIRED. D.INSTALL MESH AND GRAVEL INLETS FOR ANY
 - ADJACENT KERB INLETS. E. INSTALL GEOTEXTILE INLET FILTERS AROUND ANY
 - ON-SITE DROP INLET PITS. F. CLEAR SITE AND STRIP AND STOCKPILE TOPSOIL
 - IN LOCATIONS SHOWN ON THE PLAN. G. UNDERTAKE ALL ESSENTIAL CONSTRUCTION WORKS ENSURING THAT ROOF AND/OR PAVED AREA STORMWATER SYSTEMS ARE CONNECTED TO PERMANENT DRAINAGE AS SOON AS
 - PRACTICABLE. H. GRADE LOT AREAS TO FINAL GRADES AND APPLY PERMANENT STABILISATION (LANDSCAPING) WITHIN 20 DAYS OF COMPLETION OF CONSTRUCTION
 - I. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER THE PERMANENT LANDSCAPING
- HAS BEEN COMPLETED. ENSURE THAT SLOPE LENGTHS DO NOT EXCEED 80 METRES WHERE PRACTICABLE. SLOPE LENGTHS ARE DETERMINED BY SILTATION FENCING AND CATCH DRAIN SPACING.
- ON COMPLETION OF MAJOR WORKS LEAVE DISTURBED LANDS WITH A SCARIFIED SURFACE TO ENCOURAGE WATER INFILTRATION AND ASSIST WITH KEYING TOPSOIL LATER.
- SITE MAINTENANCE INSTRUCTIONS THE SITE SUPERINTENDENT WILL INSPECT THE SITE AT LEAST WEEKLY AND AT THE CONCLUSION OF EVERY

STORM EVENT TO:

- A.ENSURE THAT DRAINS OPERATE PROPERLY AND TO EFFECT ANY NECESSARY REPAIRS.
- B. REMOVE SPILLED SAND OR OTHER MATERIALS FROM HAZARD AREAS, INCLUDING LANDS CLOSER THAN 5 METRES FROM AREAS OF LIKELY CONCENTRATED OR HIGH VELOCITY FLOWS ESPECIALLY WATERWAYS AND PAVED AREAS.
- C. REMOVE TRAPPED SEDIMENT WHENEVER THE DESIGN CAPACITY OF THAT STRUCTURE HAS BEEN EXCEEDED.
- D. ENSURE REHABILITATED LANDS HAVE EFFECTIVELY REDUCED THE EROSION HAZARD AND TO INITIATE UPGRADING OR REPAIR AS NECESSARY.
- E. CONSTRUCT ADDITIONAL EROSION AND/OR SEDIMENT CONTROL WORKS AS MIGHT BECOME NECESSARY TO ENSURE THE DESIRED PROTECTION IS GIVEN TO DOWNSLOPE LANDS AND WATERWAYS. MAKE ONGOING CHANGES TO THE PLAN WHERE IT PROVES INADEQUATE IN PRACTICE OR IS SUBJECTED TO CHANGES IN CONDITIONS ON THE WORK-SITE OR ELSEWHERE
- F. MAINTAIN EROSION AND SEDIMENT CONTROL STRUCTURES IN A FULLY FUNCTIONING CONDITION UNTIL ALL EARTHWORK ACTIVITIES ARE
- COMPLETED AND THE SITE IS REHABILITATED. THE SITE SUPERINTENDENT WILL KEEP A LOGBOOK MAKING ENTRIES AT LEAST WEEKLY, IMMEDIATELY

IN THE CATCHMENT.

- BEFORE FORECAST RAIN AND AFTER RAINFALL. ENTRIES WILL INCLUDE: A. THE VOLUME AND INTENSITY OF ANY RAINFALL
- EVENTS. B. THE CONDITION OF ANY SOIL AND WATER MANAGEMENT WORKS.
- C. THE CONDITION OF VEGETATION AND ANY NEED TO IRRIGATE.
- D. THE NEED FOR DUST PREVENTION STRATEGIES. E. ANY REMEDIAL WORKS TO BE UNDERTAKEN. THE LOGBOOK WILL BE KEPT ON-SITE AND MADE AVAILABLE TO ANY AUTHORISED PERSON UPON REQUEST. IT WILL BE GIVEN TO THE PROJECT MANAGER AT THE CONCLUSION OF THE WORKS.
- SEDIMENT CONTROL INSTRUCTIONS SEDIMENT FENCES WILL BE INSTALLED AS SHOWN ON THE PLAN AND ELSEWHERE AT THE DISCRETION OF THE SITE SUPERINTENDENT TO CONTAIN SOIL AS
- NEAR AS POSSIBLE TO THEIR SOURCE. SEDIMENT FENCES WILL NOT HAVE CATCHMENT AREAS EXCEEDING 900 SQUARE METRES AND HAVE A
- STORAGE DEPTH OF AT LEAST 0.6 METRES. 11. SEDIMENT REMOVED FROM ANY TRAPPING DEVICES WILL BE RELOCATED WHERE FURTHER POLLUTION TO
- DOWNSLOPE LANDS AND WATERWAYS CANNOT OCCUR. STOCKPILES ARE NOT TO BE LOCATED WITHIN 5 METRES OF HAZARD AREAS INCLUDING AREAS OF HIGH VELOCITY FLOWS SUCH AS WATERWAYS, PAVED AREAS AND DRIVEWAYS.
- WATER WILL BE PREVENTED FROM DIRECTLY ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR WATER HAS BEEN TREATED BY AN APPROVED DEVICE.
- TEMPORARY SEDIMENT TRAPS WILL REMAIN IN PLACE UNTIL AFTER THE LANDS THEY ARE PROTECTING ARE COMPLETELY REHABILITATED.
- 15. ACCESS TO SITES SHOULD BE STABILISED TO REDUCE THE LIKELIHOOD OF VEHICLES TRACKING SOIL MATERIALS ONTO PUBLIC ROADS AND ENSURE ALL-WEATHER ENTRY/EXIT.

SOIL EROSION CONTROL INSTRUCTIONS

- 16. EARTH BATTERS WILL BE CONSTRUCTED WITH AS LOW

- GRADIENT AS PRACTICABLE BUT NO STEEPER, UNLESS OTHERWISE NOTED, THAN:
- 2(H):1(V) WHERE SLOPE LENGTH LESS THAN 12 METRES
- 2.5(H):1(V) WHERE SLOPE LENGTH BETWEEN 12 AND 16 METRES.
- 3(H):1(V) WHERE SLOPE LENGTH BETWEEN 16 AND 20 METRES. • 4(H):1(V) WHERE SLOPE LENGTH GREATER THAN 20
- METRES. 17. ALL WATERWAYS, DRAINS, SPILLWAYS AND THEIR OUTLETS WILL BE CONSTRUCTED TO BE STABLE IN AT

LEAST THE 1:20 YEAR ARI, TIME OF CONCENTRATION

- STORM EVENT 18. WATERWAYS AND OTHER AREAS SUBJECT TO CONCENTRATED FLOWS AFTER CONSTRUCTION ARE TO HAVE A MAXIMUM GROUNDCOVER C-FACTOR OF 0.05 (70% GROUND COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OF FORMATION. FLOW VELOCITIES ARE TO BE LIMITED TO THOSE SHOWN IN TABLE 5-1 OF "MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION", DEPT OF HOUSING 2004 (BLUE BOOK). FOOT AND VEHICULAR TRAFFIC WILL BE
- PROHIBITED IN THESE AREAS. 19. STOCKPILES AFTER CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND-COVER C-FACTOR OF 0.1 (60% GROUND-COVER) WITHIN 10 WORKING DAYS FROM COMPLETION OF FORMATION.
- 20. ALL LANDS, INCLUDING WATERWAYS AND STOCKPILES. DURING CONSTRUCTION ARE TO HAVE A MAXIMUM GROUND-COVER C-FACTOR OF 0.15 (50% GROUND COVER) WITHIN 20 WORKING DAYS FROM INACTIVITY EVEN THOUGH WORKS MAY CONTINUE LATER.
- 21. FOR AREAS OF SHEET FLOW USE THE FOLLOWING GROUND COVER PLANT SPECIES FOR TEMPORARY JAPANESE MILLET 20 KG/HA AND OATS 20 KG/HA.
- PERMANENT REHABILITATION OF LANDS AFTER CONSTRUCTION WILL ACHIEVE A GROUND-COVER C-FACTOR OF LESS THAN 0.1 AND LESS THAN 0.05 WITHIN 60 DAYS. NEWLY PLANTED LANDS WILL BE WATERED REGULARLY UNTIL AN EFFECTIVE COVER IS ESTABLISHED AND PLANTS ARE GROWING VIGOROUSLY. FOLLOW-UP SEED AND FERTILISER WILL BE APPLIED AS NECESSARY.
- 23. REVEGETATION SHOULD BE AIMED AT RE-ESTABLISHING NATURAL SPECIES. NATURAL SURFACE SOILS SHOULD BE REPLACED AND NON-PERSISTANT ANNUAL COVER CROPS SHOULD BE

WASTE CONTROL INSTRUCTIONS

- 24. ACCEPTABLE BINS WILL BE PROVIDED FOR ANY CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHING, LIGHTWEIGHT WASTE MATERIALS AND LITTER. CLEARANCE SERVICES WILL BE PROVIDED AT LEAST DISPOSAL OF WASTE WILL BE IN A MANNER APPROVED BY THE SITE SUPERINTENDENT.
- 25. ALL POSSIBLE POLLUTANT MATERIALS ARE TO BE STORED WELL CLEAR OF ANY POORLY DRAINED AREAS, FLOOD PRONE AREAS, STREAMBANKS, CHANNELS AND STORMWATER DRAINAGE AREAS. STORE SUCH MATERIALS IN A DESIGNATED AREA UNDER COVER WHERE POSSIBLE AND WITHIN CONTAINMENT BUNDS.
- 26. ALL SITE STAFF AND SUB-CONTACTORS ARE TO BE INFORMED OF THEIR OBLIGATION TO USE WASTE CONTROL FACILITIES PROVIDED.
- 27. ANY DE-WATERING ACTIVITIES ARE TO BE CLOSELY MONITORED TO ENSURE THAT WATER IS NOT POLLUTED BY SEDIMENT, TOXIC MATERIALS OR PETROLEUM PRODUCTS.
- PROVIDE DESIGNATED VEHICULAR WASHDOWN AND MAINTENANCE AREAS WHICH ARE TO HAVE CONTAINMENT BUNDS.

STANDARD LINE TYPES, SYMBOLS & ABBREVIATIONS

STORMWATER PIPE CONNECTED TO RAINWATER TANK

STORMWATER DRAINAGE PIPE SUBSOIL DRAINAGE PIPE BEHIND RETAINING WALL

STORMWATER RISING MAIN STORMWATER PIPE DRAINING

IMPERVIOUS PAVED AREA

TO BASEMENT PUMP-OUT PIT RAINWATER OVERFLOW PIPE

FIRST FLOOR ROOF AREA SECOND FLOOR ROOF AREA

PERVIOUS AREA OVERLAND FLOW PATH FLOOR WASTE 150X150 FLOOR WASTE 150ø

PAVED DRIVEWAY

■ HP HIGH POINT IN GUTTER ●DPS DOWNPIPE SPREADER Ø 90 mm UPVC

EXTERIOR DOWNPIPE Ø 90 mm UPVC BOX GUTTER DOWNPIPE Ø 150 mm UPVC

- CLEAN OUT
- INSPECTION OPENING
- VERTICAL DROP
- VERTICAL RISER CONCRETE COVER JUNCTION PIT
- GRATED PIT
- LID LEVEL OF PIT
- INVERT LEVEL OF INLET PIPE INLET LEVEL OF OUTLET PIPE TOP WATER LEVEL

100mm BELOW CONCRETE

INLET LEVEL TOP OF KERB

DEPTH OF COVER FOR PVC PIPES

	MINIMUM PIPE COVER SHALL BE AS FOLLOWS			
	LOCATION	MINIMUM COVER		
	NOT SUBJECT TO VEHICLE LOADING	100mm SINGLE RESIDENTIAL 300mm ALL OTHER DEVELOPMENTS		
	SUBJECT TO VEHICLE LOADING	450mm WHERE NOT ON ROAD		
	UNDER A SEALED ROAD	600mm		
	UNSEALED ROAD	750mm		
i				

PIT SIZES AND DESIGN		
DEPTH	MINIMUM PIT SIZE (mm)	
UP TO 450mm	450 X 450	
450mm TO 600mm	600 X 600	
600mm TO 900mm	600 X 900	
900mm TO 1500mm	900 X 900 (WITH STEP IRONS)	
1500mm TO 2000mm	1200 X 1200 (WITH STEP IRONS)	

DRAWING REGISTER			
NUMBER	NAME	REVISION	
SW00	STORMWATER NOTES	Α	
SW01	GF - STORMWATER DRAINAGE PLAN	А	
SW02	STORMWATER DETAILS	Α	
SW03	EROSION AND SEDIMENT CONTROL PLAN	А	

A ISSUED FOR DA OH 31/01/2022 ENG DATE REV DESCIPTION REVISIONS



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GEORGES RIVER COUNCIL

GRANNYFLAT, STUDIO, & SWIMMING POOL 163 BEXLEY RD, KINGSGROVE 2208

DRAWING TITLE

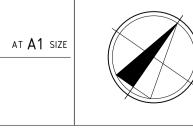
STORMWATER NOTES

PROJECT No. **APPROVED**

DESIGNED

DO NOT SCALE DRAWING, USE FIGURED DIMENSIONS ONLY. El22-001

DRAWING No. SW00







NOTES

GROUND FLOOR STORMWATER DRAINAGE PLAN

SCALE 1:100 @ A1

LEGEND :

1. ALL PIPES ARE TO BE MIN. 1000 uPVC @ MIN 1.0% 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 WORK.
- 3. ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN PROPERTY.
- 4. ALL PITS IN DRIVEWAYS BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- 5. ALL WORK DO BE DONE IN ACCORDANCE WITH AS/NZ 3500.3.2:1998 AND COUNCIL SPECIFICATIONS.
- 6. LOCATION OF DOWNPIPES & FLOOR WASTES ARE INDICATIVE ONLY. DOWNPIPE & 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 AND STRUCTURAL PLANS.
- 8. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.
- 9. ALL PITS OR GRATES IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
- 10. ALL GUTTERS WILL BE FITTED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE
- 11. EXISTING STORMWATER DRAINAGE TO BE UTILISED WHERE CONTRACTOR SEE FIT.

RL 34.650

RL 34.700

ENG DATE

ø100 uPVC SEWER GRADE PIPE CHARGED— TO DISCHARGE PIT

REVISIONS

ISSUED FOR DA

REV DESCIPTION

COUNCIL: BLACKTOWN CITY COUNCIL

SITE AREA: 998.7 m² TOTAL IMPERVIOUS AREA: 656.1 m² (66%) -ROOFED AREA (GRANNY FLAT&STUDIO): 175 m² -ROOFED AREA (MAIN DWELLING): 316 m² -PAVED AREA: 165.1 m² -SUPPLEMENTARY AREA: 0 m² TOTAL PERVIOUS AREA: 342.6 m² (34%)

STORMWATER DESIGN SUMMARY

OSD IS NOT REQUIRED ACCORDING TO THE DEVELOPMENT CONTROL PLAN

GUTTER SLOPE =FLATTER THAN 1:500

EAVE GUTTERS

 20 l₅ = 174 mm/hr MIN SIZE OF VERTICAL DOWNPIPE = Ø100 mm

MIN. EAVES GUTTER CROSS-SECTIONAL AREA =

STORMWATER PIPE CONNECTED TO RAINWATER TANK STORMWATER DRAINAGE PIPE -AG-AG-AG-AG-AGE PIPE TO ABSORPTION TANK STORMWATER PIPE DRAINING

TO BASEMENT PUMP-OUT PIT - DFF - RAINWATER OVERFLOW PIPE

IMPERVIOUS PAVED AREA PROPOSED DWELLING ROOF AREA

FLOOR WASTE 150X150

MAINED DWELLING ROOF AREA

PERVIOUS AREA OVERLAND FLOW PATH FLOOR WASTE 150¢

HIGH POINT IN GUTTER

DOWNPIPE SPREADER Ø 90 mm UPVC EXTERIOR DOWNPIPE Ø 90 mm UPVC BOX GUTTER DOWNPIPE Ø 150 mm UPVC

CLEAN OUT

INSPECTION OPENING

VERTICAL DROP

VERTICAL RISER

CONCRETE COVER JUNCTION PIT

GRATED PIT

LID LEVEL OF PIT

INVERT LEVEL OF INLET PIPE

INLET LEVEL OF OUTLET PIPE

TOP WATER LEVEL

INLET LEVEL TOP OF KERB

> CONNECT OUTLET TO KERB & GUTTER WITH 150X50 GALV.RHS ADAPTER TO LOCAL COUNCIL GUILDELINES AND SPECIFICATION TK 39.10 IL 38.95

ø100 uPVC SEWER GRADE PIPE @ 1%-\ MIN FALL

PIT 2: 450X450X300

LL 32.35 ILin 32.07 ILout 32.05

ø100 uPVC SEWER

TO DISCHARGE PIT

Ø100 uPVC

RL 34.700

Sydney Office 14 Coolaroo Crescent, Lurnea, NSW

<u>PIT 1:</u> 450X450X300

LL 33.58 ILin 39.40 ILout 33.38

ø100 uPVC SEWER GRADE PIPE CHARGED-



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GEORGES RIVER COUNCIL

GF-STORMWATER DRAINAGE PLAN

APPROVED EI22-001 OH

DO NOT SCALE DRAWING, USE FIGURED DIMENSIONS ONLY.

DRAWING No.

SW01

AT A1 SIZE

