

GENERAL STORMWATER NOTES

1. IT IS THE MAIN CONTRACTOR'S RESPONSIBILITY TO CTHE HECK SETTING OUT AND SITE LEVELS PRIOR TO COMMENCEMENT OF WORKS. REPORT AND DISCREPANCIES FOUND TO THE STORMWATER ENGINEER.
2. THE LOCATION OF THE STORMWATER SYSTEM, INCLUDING DOWNPIPES, PIPES, PITS, ON SITE DETENTION AND RAINWATER TANK (IF REQUIRED) ARE INDICATIVE ONLY. EXACT LOCATION SHALL BE DETERMINED ON SITE BY THE MAIN CONTRACTOR TO SUIT THE SITE CONDITIONS.
3. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL PROJECT ARCHITECTURAL, STRUCTURAL AND OTHER CONSULTANT'S DRAWINGS. IF ANY DISCREPANCIES ARE FOUND CONTACT THE ENGINEER.
4. ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED AND CONFIRMED ON SITE BY THE BUILDER OR PLUMBER PRIOR TO COMMENCEMENT OF THE WORKS.
5. THESE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS OR USED FOR SETTING OUT PURPOSES.
6. ALL SUBSOIL DRAINAGE INSTALLATION, MATERIALS AND WORKMANSHIP IS TO BE CARRIED OUT IN ACCORDANCE WITH AS3500.3:2018 STORMWATER DRAINAGE, BCA AND LOCAL COUNCIL POLICY.
7. IT IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR TO OBTAIN ANY APPROVALS AND LICENSES REQUIRED BY THE AUTHORITIES PRIOR TO PROCEEDING WITH THE STORMWATER WORKS.
8. FREQUENT INSPECTIONS AND MAINTENANCE IS TO BE PERFORMED ON ALL STORMWATER GUTTERS, PIPES AND PITS TO REMOVE AND BUILD UP OF DEBRIS AND SEDIMENT.
9. ALL MATERIALS USED IN THE WORKS SHALL BE NEW AND CONFORM WITH RELEVANT AUSTRALIAN STANDARDS AND BEAR THE REQUIRED STANDARDS MARK.
10. STORMWATER DRAINAGE CONNECTIONS TO THE STREET KERB AND LOCAL COUNCIL STORMWATER NETWORK SHALL BE TO THE REQUIREMENTS AND SATISFACTION OF THE LOCAL COUNCIL.

ROOF DRAINAGE

1. ALL PIPES ARE TO BE SEWER GRADE AND FULLY SEALED U.N.O.
2. ALL GUTTERS MUST BE INSTALLED WITH FALLS OF NOT LESS THAN 1:200 FOR EAVES GUTTERS (UNLESS FIXED TO METAL FASCIAS), AND 1:100 FOR BOX GUTTERS AS IN ACCORDANCE WITH THE NATIONAL CONSTRUCTION CODE.
3. ALL GUTTERS ARE TO BE FITTED WITH OVERFLOW PROVISIONS WITH DETAILS TO MANUFACTURER'S SPECIFICATION AND AS3500.3 REQUIREMENTS.
4. ALL EAVES GUTTERS AND VALLEY GUTTERS MUST BE INSTALLED IN ACCORDANCE WITH AS3500.3.
5. ALL GUTTER SYSTEMS, INCLUDING EAVES GUTTERS, VALLEY GUTTERS, BOX GUTTERS AND DOWNPIPES, SHALL BE DESIGNED AND INSTALLED SO THAT WATER WILL NOT FLOW BACK INTO THE BUILDING.
6. ALL BOX GUTTERS MUST BE INSTALLED STRICTLY IN ACCORDANCE WITH THE DESIGN SHOWN ON THE APPROVED STORMWATER DRAWINGS. IF NO DETAILS ARE SHOWN, THE BOX GUTTER MUST BE INSTALLED TO THE REQUIREMENTS OF AS3500.3. IF ANY CHANGE TO THE BOX GUTTER SYSTEM IS PROPOSED, THE ENGINEER MUST BE NOTIFIED AND MODIFICATIONS TO BE DESIGN MAY BE REQUIRED.
7. BOX GUTTERS ARE TO BE TO ARCHITECTS DETAILS WITH DIMENSIONS OF AT LEAST 200mm WIDE AND AT LEAST 80mm DEEP MIN. IN ACCORDANCE WITH AS 3500.3.
8. ALL BOX GUTTERS SHALL:
 - A) BE STRAIGHT WITHOUT CHANGE IN DIRECTION.
 - B) DISCHARGE AT THE DOWNSTREAM END WITHOUT CHANGE IN DIRECTION (I.E. NOT TO THE SIDE).
 - C) BE SEALED TO THE RAINHEADS.
9. VALLEY GUTTERS ON A ROOF WITH A PITCH MORE THAN 12.5 DEGREES MUST HAVE A WIDTH OF NOT LESS THAN 400mm AND BE WIDE ENOUGH TO ALLOW THE ROOF COVERINGS TO OVERHANG NOT LESS THAN 150mm EACH SIDE OF THE GUTTER.
10. GUTTER GUARDS ARE TO BE INSTALLED FOR ALL GUTTERS U.N.O.
11. DOWNPIPES MUST NOT SERVE MORE THAN 12m OF GUTER LENGTH FOR EACH DOWNPIPE. 12. DOWNPIPES TO BE PLACED AS CLOSE AS POSSIBLE TO VALLEY GUTTERS.
12. ALL SUSPENDED PIPE FIXINGS ARE TO BE INSTALLED IN ACCORDANCE WITH AS2032.
13. WHERE A RAINWATER SPREADER IS USED: A) FOR A TILED ROOF, THE LOWER SECTION OF ROOF SHALL BE SARKED A MINIMUM OF 1800mm EITHER SIDE FROM THE POINT OF DISCHARGE AND EXTEND DOWN TO THE EAVE GUTTER IN ACCORDANCE WITH AS2050. B) FOR A CORRUGATED METAL ROOF, A MINIMUM WIDTH OF 1800mm ON EITHER SIDE FROM THE POINT OF DISCHARGE SHALL BE SEALED FOR THE FULL LENGTH OF SIDE LAPS.

TREES

1. ENSURE THAT ALL STORMWATER PITS AND PIPES ARE LOCATED CLEAR FROM TREE ROOT SYSTEMS
2. CARE SHOULD BE TAKEN WHEN UNDERTAKING EXCAVATION WORKS IN THE VICINITY OF SELECTED TREES TO ENSURE THAT THE TREE ROOT SYSTEM IS NOT DISTURBED. HAND DIGGING OF TRENCHES ETC. MAY BE NECESSARY. REFER TO ARBORIST REPORT IF AVAILABLE.
3. IT IS THE RESPONSIBILITY OF THE MAIN CONTRACTOR TO OBTAIN ANY APPROVALS NECESSARY FROM THE LOCAL COUNCIL PRIOR TO ANY WORKS COMMENCING WITH RESPECT TO POTENTIAL IMPACT ON TREES.

OVERLAND FLOW

1. WHERE AN OVERLAND FLOW PATH IS REQUIRED IT MUST BE PROVIDED WITHIN THE SETBACK TO THE SIDE BOUNDARY. HIGHER LEVEL AREAS MUST BE GRADED SO THAT BYPASS FLOWS FROM THE SITE DRAINAGE SYSTEM ARE DIRECTED TO THE OVERLAND FLOW PATH.
2. THE SITE MUST BE GRADED TO MAKE PROVISION FOR THE NATURAL FLOW OF STORMWATER RUNOFF FROM UPHILL/UPSTREAM PROPERTIES & LAND.
3. ALLOWANCE SHALL BE MADE FOR FLOWS ONTO THE SITE FROM ADJACENT PROPERTIES. SITE STORMWATER FLOW SHALL BE CONTROLLED WITHOUT CAUSING DAMAGE OR NUISANCE, SUCH AS WATER ENTERING INTO OPENINGS OF BUILDINGS. IF THIS DOES OCCUR, REMEDIAL ACTION SHALL BE TAKEN, SUCH AS ONE OR MORE OF THE FOLLOWING:
 - (A) ENLARGEMENT OR EXTENSION OF THE SURFACE WATER DRAINAGE SYSTEM.
 - (B) ALTERATION OF SURFACES AND FLOW PATHS BY REGRADING AND REDIRECTION, OR PROVISION OF LANDSCAPING, BUNDS AND OTHER BARRIERS.
 - (C) RAISING THE LEVEL OF THE LOWEST FLOOR.

SURFACE DRAINAGE

1. ALL STORMWATER, SEDIMENT CONTROL, AND INLET PITS ARE TO HAVE THE FOLLOWING INTERNAL DIMENSIONS IN MILLIMETRES U.N.O. IN ACCORDANCE WITH AS3500.3 TABLE 8.2 :
 - 450 x 450 IF DEPTH TO PIPE INVERT LEVEL IS 600mm.
 - 600 x 600 IF DEPTH TO PIPE INVERT LEVEL IS > 600mm BUT 900mm.
2. ALL CONCRETE PITS ARE TO BE CAST INSITU, OR APPROVED BY ENGINEER IF PRECAST. INSITU PITS TO HAVE 150mm THICK WALLS & BASE WITH N12-200 BARS CENTRAL ALL FACES. U.N.O.
3. PIT CONCRETE COMPRESSIVE STRENGTH f_c TO BE 25MPa AT 28 DAYS.
4. ALL PITS ARE TO HAVE LOCKABLE GRATES U.N.O.
5. ALL PIT COVERS, GRATES AND DRAINS ARE TO BE CLASS B MEDIUM DUTY WHERE SUBJECT TO VEHICLE TRAFFIC LOADING.
6. ALL PIT COVERS, GRATES AND DRAINS ARE TO BE CLASS A LIGHT DUTY WHERE SUBJECT TO PEDESTRIAN TRAFFIC OR IN LANDSCAPE AREAS.
7. 10mm ISOLATION JOINTS ARE TO BE PROVIDED TO ISOLATE CONCRETE PAVEMENTS FROM ALL STORMWATER PITS.
8. PROVIDE CLEANING EYES AT JUNCTIONS OF STORMWATER PIPES NOT DIRECTLY CONNECTED TO PITS.
9. THE HEIGHT OF ALL SLABS ON GROUND ABOVE EXTERNAL FINISHED SURFACES MUST BE NOT LESS THAN —
 - (i) 100mm ABOVE THE FINISHED GROUND LEVEL FOR SANDY, WELL-DRAINED AREAS; OR
 - (ii) 50mm ABOVE IMPERMEABLE (PAVED OR CONCRETED AREAS) THAT SLOPE AWAY FROM THE BUILDING; OR
 - (iii) 150mm IN ANY OTHER CASE.
10. ALL SURFACE WATER MUST BE DIVERTED AWAY FROM CLASS 1 BUILDINGS IN ACCORDANCE WITH THE REQUIREMENTS OF NCC VOLUME 2 AND ABCB HOUSING PROVISIONS STANDARD 2022 - PART 3.3: DRAINAGE.
11. THE SURFACES OF SITES SHALL BE GRADED, AND THE DIRECTION OF STORMWATER FLOW SHALL BE CONTROLLED, SO THAT EROSION IS MINIMISED AND STORMWATER FLOW DOES NOT CAUSE DAMAGE OR NUISANCE TO BUILDINGS OR NEIGHBOURING PROPERTIES.
12. FOR A SLAB ON GROUND, THE EXTERNAL FINISHED SURFACE LEVEL SURROUNDING THE SLAB MUST BE DRAINED TO MOVE SURFACE WATER AWAY FROM THE BUILDING AND GRADED TO GIVE A SLOPE OF NOT LESS THAN 50mm OVER THE FIRST 1 METRE FROM THE BUILDING.
13. THE GROUND BENEATH SUSPENDED FLOORS MUST BE GRADED SO THAT THE AREA BENEATH THE BUILDING IS ABOVE THE ADJACENT EXTERNAL FINISHED GROUND LEVEL AND SURFACE WATER IS PREVENTED FROM PONDING UNDER THE BUILDING.
14. STORMWATER SHALL BE PREVENTED FROM ENTERING DOORWAYS AND OTHER OPENINGS IN BUILDINGS. WHERE THESE DOORWAYS AND OPENINGS ARE LOWER THAN ADJACENT GROUND SURFACES, GRATED DRAINS SHALL BE DESIGNED AND PLACED ACROSS RAMPS OR ENTRANCES TO INTERCEPT ANY FLOW, WHICH WOULD OTHERWISE DRAIN INTO THE BUILDING.

SUBSOIL DRAINAGE

1. ALL BELOW GROUND PIPES ARE TO BE SEWER GRADE AND FULLY SEALED U.N.O.
2. ALL BELOW GROUND PIPES ARE TO BE 100 Ø SEWER GRADE uPVC WITH A 1% FALL MIN. U.N.O.
3. ALL BELOW GROUND PIPES SHALL BE LAID WITH EVEN GRADIENTS AND STRAIGHT RUNS AND WITH A MINIMUM NUMBER OF CHANGES OF DIRECTION OR CHANGE OF CROSS-SECTION.
4. STORMWATER PIPE BEDDING DETAIL TO BE IN ACCORDANCE WITH LOCAL COUNCIL REQUIREMENTS. BEDDING DETAILS TO BE CONFIRMED UPON EXCAVATION & PRIOR TO INSTALLATION OF PIPEWORK
5. ALL PIPES TO BE LAID ON 75mm SAND BED WITH THE BARRELS FULLY SUPPORTED.
6. WHERE TRENCH BASE IS ROCK, A MINIMUM OF 75mm BEDDING TO BE PROVIDED UNDER PIPES.
7. BACKFILL TRENCHES WITH COMPACTED SAND OR APPROVED AGGREGATE MATERIAL.
8. AGRICULTURAL PIPES (AG PIPE OR AG LINES) ARE TO BE INSTALLED IN ACCORDANCE WITH AS 3500.3 ALONGSIDE WALLS THAT IMPEDE THE NATURAL FLOW OF GROUNDWATER AWAY FROM STRUCTURES.
9. WHERE AN AG PIPE IS INSTALLED TO DIVERT SUBSURFACE WATER AWAY FROM THE AREA BENEATH A BUILDING, THE AG PIPE MUST BE GRADED WITH A UNIFORM FALL OF NOT LESS THAN 1:200 AND DISCHARGE INTO A SEDIMENT CONTROL PIT.
10. ALL BELOW GROUND AGRICULTURAL PIPES TO BE WRAPPED IN GEOTEXTILE MEMBRANE.
11. THE COVER TO A uPVC STORMWATER PIPE, AS MEASURED FROM THE TOP OF THE PIPE TO THE FINISHED SURFACE, SHALL BE AS PER THE TABLE BELOW U.N.O.:

STORMWATER PIPE LOCATION	PIPE COVER (MIN.)
NOT SUBJECT TO VEHICLE LOADING - SINGLE DWELLING	100mm
NOT SUBJECT TO VEHICLE LOADING - ALL OTHER DEVELOPMENTS	300mm
SUBJECT TO VEHICLE LOADING - UNDER BRICK PAVERS	100mm
SUBJECT TO VEHICLE LOADING - UNDER REINFORCED CONCRETE	100mm
SUBJECT TO VEHICLE LOADING - WITHOUT CONCRETE OR PAVERS	450mm
SUBJECT TO VEHICLE LOADING - UNDER A SEALED ROAD	600mm
SUBJECT TO VEHICLE LOADING - UNDER A UNSEALED ROAD	750mm

BEFORE YOU DIG AUSTRALIA



1. BEFORE YOU DIG SHOULD BE CONTACTED PRIOR TO ANY EXCAVATION ON SITE.
2. SERVICES SHOWN ON PLAN ARE INDICATIVE. EXACT DEPTH AND LOCATION TO BE CONFIRMED ON SITE. CONTRACTOR TO CARRY OUT DIAL BEFORE YOU DIG APPLICATION AND ENGAGE A REGISTERED SURVEYOR TO PEG OUT ALL EXISTING SERVICES PRIOR TO COMMENCING ANY WORKS ONSITE.

SURVEY NOTES

1. THE EXISTING SITE CONDITIONS AND LEVELS SHOWN ON THE STORMWATER DRAWINGS HAS BEEN INVESTIGATED BY OTHERS, BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. BLUEPRINT STRUCTURAL ENGINEERS DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR IT'S SUITABILITY AS A BASIS FOR CONSTRUCTION.
2. SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND THE ACTUAL FIELD DATA, CONTACT BLUEPRINT STRUCTURAL ENGINEERS
3. IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THAT SURVEY MARKS ARE TO BE PRESERVED AT ALL COST.

STORMWATER DESIGN CALCULATIONS

RAINFALL INTENSITY ANNUAL EXCEEDANCE OF PROBABILITY (AEP) HAS BEEN TAKEN FROM THE AUSTRALIAN GOVERNMENT BUREAU OF METEOROLOGY DESIGN RAINFALL DATA SYSTEM FOR RAINFALL INTENSITY IN mm/hr FOR VARIOUS DURATIONS AND RETURN PERIODS.

IFD DESIGN RAINFALL INTENSITY FOR 5min STORM DURATION

50% AEP = 113 mm/hr
20% AEP = 151 mm/hr
10% AEP = 178 mm/hr
5% AEP = 205 mm/hr
2% AEP = 244 mm/hr
1% AEP = 275 mm/hr

CALCULATIONS

RUN-OFF COEFFICIENT FOR ROOFED AREAS, Cr = 1.0

RUN-OFF COEFFICIENT FOR UNROOFED IMPERVIOUS (PAVED) AREAS, Ci = 0.9

DRAWING REVISIONS		
REV.	DATE	ISSUE
1	21.06.24	FOR CONSTRUCTION

NOTES:
1. FOR GENERAL NOTES REFER TO STRUCTURAL NOTES DRAWINGS.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
3. SETTING OUT DIMENSIONS ARE TO BE TAKEN FROM ARCHITECTURAL DRAWINGS U.N.O.
4. THE BUILDER SHALL REQUEST FORMAL CLARIFICATION FOR ANY DISCREPANCIES BETWEEN DRAWINGS.
5. CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.
6. DO NOT SCALE FROM DRAWINGS.

THIS WORK IS COPYRIGHT AND CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY OTHER MEANS (GRAPHIC, ELECTRONIC OR PHOTOCOPIED) WITHOUT THE WRITTEN PERMISSION OF BLUEPRINT STRUCTURAL ENGINEERS. ANY LICENSE TO USE THIS DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT BETWEEN BLUEPRINT STRUCTURAL ENGINEERS AND THE INSTRUCTING PARTY.

© COPYRIGHT BLUEPRINT STRUCTURAL ENGINEERS.
ALL RIGHTS RESERVED

BUILDER

ARCHITECT

DRAWING BY



WEB: MYBLUEPRINT.COM.AU PHONE: (02) 8590 2959

PROJECT NAME

1081 OXFORD FALLS ROAD
OXFORD FALLS N.S.W. 2100

DRAWING TITLE STORMWATER NOTES

ISSUE FOR CONSTRUCTION

PROJECT NO. | SCALE
779

DESIGN BY | DRAWN BY
SM | SM

DRAWING NO. | REVISION
SW01 | 1

STORMWATER DRAINAGE PLAN

SCALE 1:200 @ A3

NOTE: FREQUENT INSPECTIONS AND MAINTENANCE IS TO BE PERFORMED ON ALL STORMWATER GUTTERS, DRAINS, PIPES AND PITS TO REMOVE AND BUILD UP OF DEBRIS AND SEDIMENT.

THE SITE SURFACES SHALL BE GRADED TO ENSURE THAT EROSION IS MINIMISED AND STORMWATER FLOW DOES NOT CAUSE DAMAGE OR NUISANCE TO BUILDINGS OR NEIGHBOURING PROPERTIES. SURFACE LEVELS ARE TO COMPLY WITH THE REQUIREMENTS OF NCC VOLUME 2 AND ABCB HOUSING PROVISIONS STANDARD 2022 - PART 3.3: DRAINAGE

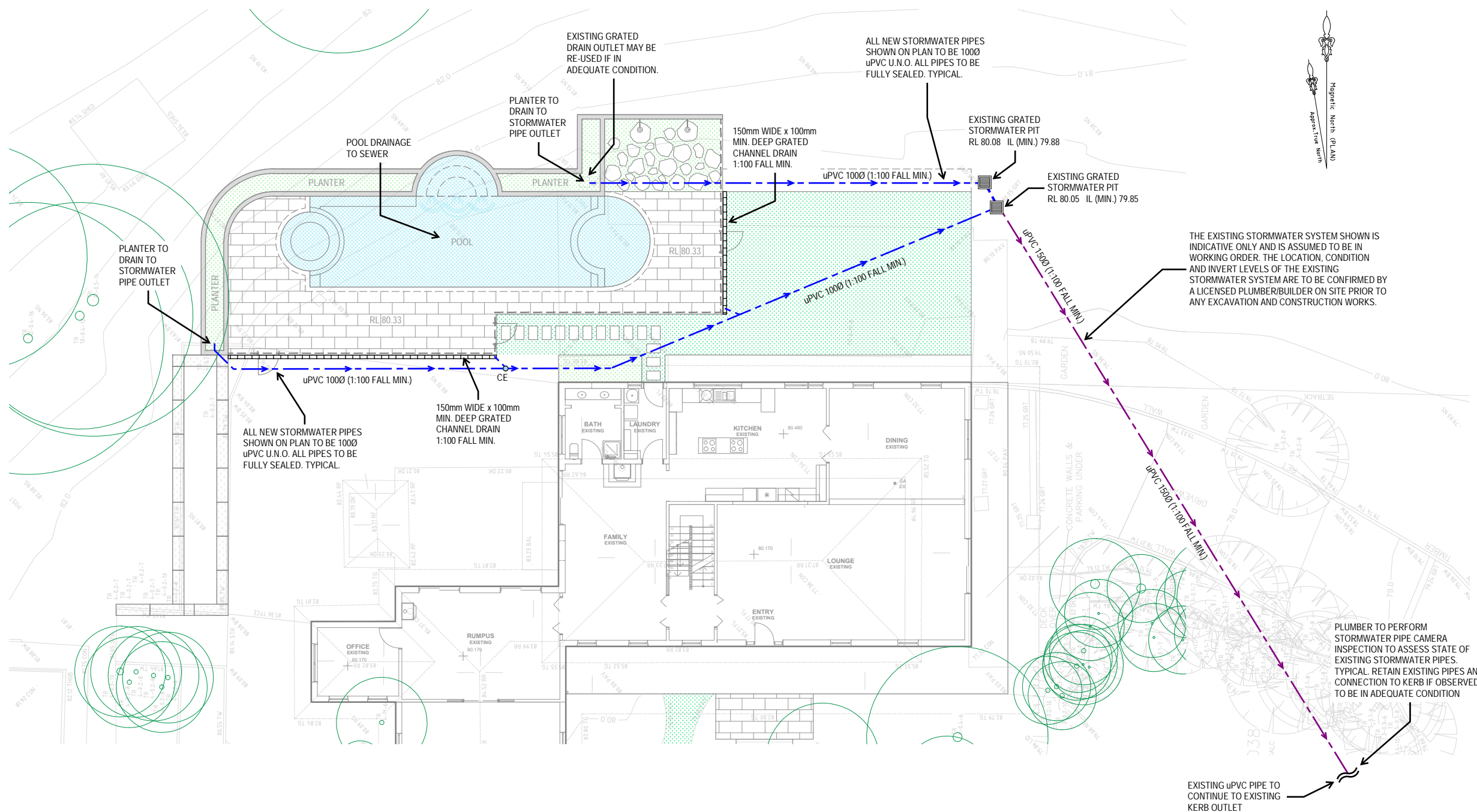
KEY	
○ NEW DP	100 Ø DOWNPIPE
○ EX. DP	EXISTING DOWNPIPE
— — — — —	NEW 100/150 Ø STORMWATER PIPE
— — — — —	EXISTING STORMWATER PIPE
— — — — —	NEW 100 Ø BELOW GROUND AG PIPE
○ CE	CLEANING EYE
IL	PIPE INVERT LEVEL
▬▬▬▬▬▬	GRADED CHANNEL DRAIN

STORMWATER DESIGN NOTES

1. THE SITE IS LOCATED IN NORTHERN BEACHES COUNCIL L.G.A.
2. TOTAL SITE AREA = 23,410m²
3. ALL STORMWATER PIPES ARE TO BE CONNECTED TO EXISTING STORMWATER DRAINAGE SYSTEM AND TO DISCHARGE AT STREET KERB VIA GRAVITY.
4. THE EXISTING STORMWATER SYSTEM SHOWN IS INDICATIVE ONLY AND IS ASSUMED TO BE IN WORKING ORDER.
5. THE LOCATION, CONDITION AND INVERT LEVELS OF THE EXISTING STORMWATER SYSTEM ARE TO BE CONFIRMED BY A LICENSED PLUMBER/BUILDER ON SITE PRIOR TO ANY EXCAVATION AND CONSTRUCTION WORKS.
6. INSTALL CLEANING EYES FOR INSPECTION AND MAINTENANCE PURPOSES WHERE REQUIRED.
7. ALL EXISTING STORMWATER PIPES AND DOWNPIPES ARE TO BE RETAINED U.N.O. (TYP). PLUMBER TO ASSESS CONDITION AND STATE OF REPAIR. ALLOW FOR REPLACEMENT IF REQUIRED.
8. BUILDER TO ENSURE THAT THE LOCATION OF ANY NEW STRUCTURE DOES NOT ADVERSELY IMPACT THE EXISTING STORMWATER SYSTEM. IF IT DOES, THE BUILDER IS TO CONTACT STORMWATER ENGINEER PRIOR TO COMMENCING ANY WORKS.
9. ALL GUTTERS ARE TO BE FITTED WITH OVERFLOW PROVISIONS WITH DETAILS TO MANUFACTURER'S SPECIFICATION.
10. ALL BOX GUTTER DOWNPIPES TO HAVE RAINWATER HEADS (RWH) TO SUIT DOWNPIPE SIZE (200W x 150H x 150L) TYPICAL U.N.O.) WITH OVERFLOW SLOT 25mm LOWER THAN TOP OF INTERNAL GUTTER LEVEL, OR TO MANUFACTURER'S SPECIFICATION.
11. ALL SURFACE WATER MUST BE DIVERTED AWAY FROM BUILDINGS IN ACCORDANCE WITH THE REQUIREMENTS OF NCC 2022 VOLUME 2 AND ABCB HOUSING PROVISIONS STANDARD 2022 - PART 3.3: DRAINAGE.

DRAWING REVISIONS		
REV.	DATE	ISSUE
1	21.06.24	FOR CONSTRUCTION

- NOTES:
1. FOR GENERAL NOTES REFER TO STRUCTURAL NOTES DRAWINGS.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
 3. SETTING OUT DIMENSIONS ARE TO BE TAKEN FROM ARCHITECTURAL DRAWINGS U.N.O.
 4. THE BUILDER SHALL REQUEST FORMAL CLARIFICATION FOR ANY DISCREPANCIES BETWEEN DRAWINGS.
 5. CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.
 6. DO NOT SCALE FROM DRAWINGS.



THIS WORK IS COPYRIGHT AND CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY OTHER MEANS (GRAPHIC, ELECTRONIC OR PHOTOCOPIED) WITHOUT THE WRITTEN PERMISSION OF BLUEPRINT STRUCTURAL ENGINEERS. ANY LICENSE TO USE THIS DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT BETWEEN BLUEPRINT STRUCTURAL ENGINEERS AND THE INSTRUCTING PARTY.

© COPYRIGHT BLUEPRINT STRUCTURAL ENGINEERS. ALL RIGHTS RESERVED

BUILDER

ARCHITECT

DRAWING BY



WEB: MYBLUEPRINT.COM.AU PHONE: (02) 8590 2959

PROJECT NAME
1081 OXFORD FALLS ROAD
OXFORD FALLS N.S.W. 2100

DRAWING TITLE
STORMWATER DRAINAGE PLAN
POOL AREA

ISSUE
FOR CONSTRUCTION

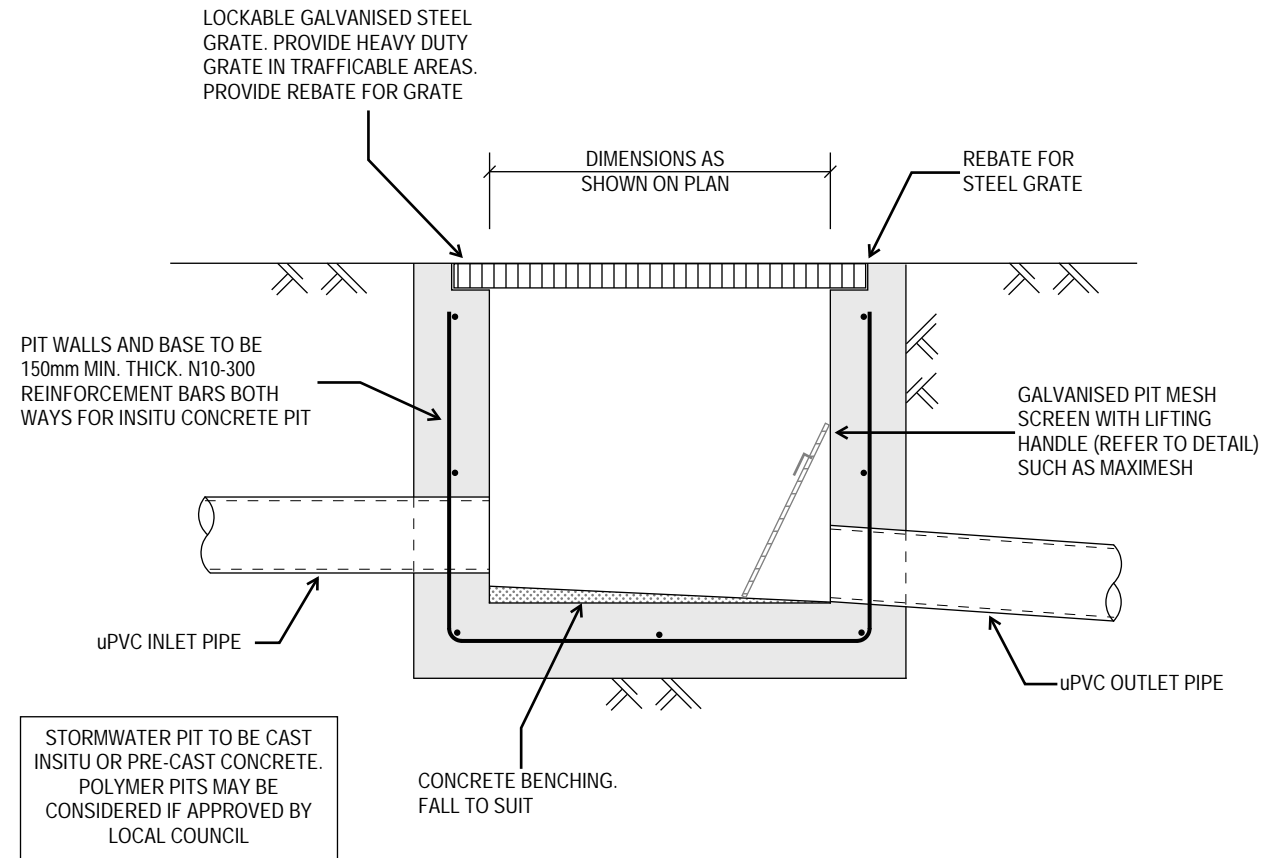
PROJECT NO. | SCALE
779 | 1:200 @ A3

DESIGN BY | DRAWN BY
SM | SM

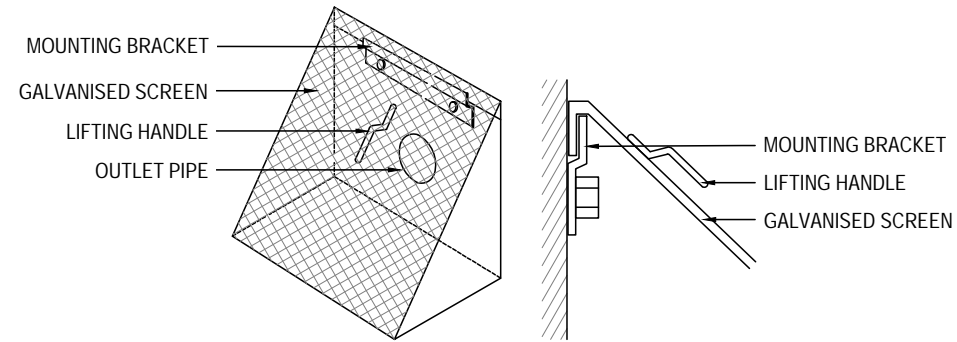
DRAWING NO. | REVISION
SW02 | 1

DRAWING REVISIONS		
REV.	DATE	ISSUE
1	21.06.24	FOR CONSTRUCTION

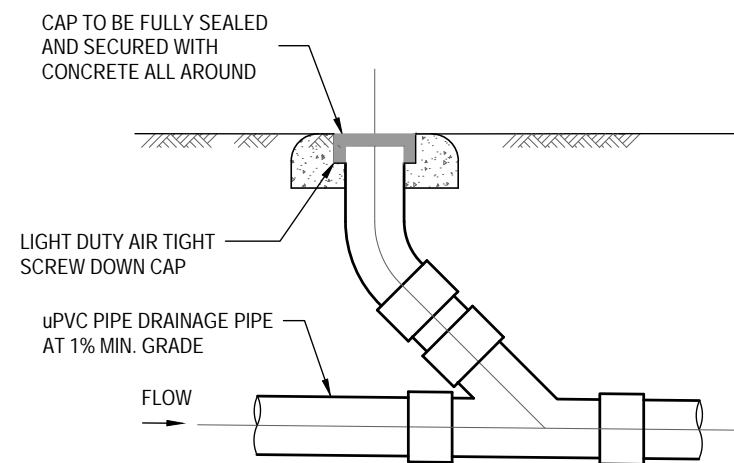
NOTES:
 1. FOR GENERAL NOTES REFER TO STRUCTURAL NOTES DRAWINGS.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
 3. SETTING OUT DIMENSIONS ARE TO BE TAKEN FROM ARCHITECTURAL DRAWINGS U.N.O.
 4. THE BUILDER SHALL REQUEST FORMAL CLARIFICATION FOR ANY DISCREPANCIES BETWEEN DRAWINGS.
 5. CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING WORK.
 6. DO NOT SCALE FROM DRAWINGS.



1 STORMWATER PIT DETAIL



2 PIT MESH SCREEN DETAIL



3 CLEANING EYE DETAIL

THIS WORK IS COPYRIGHT AND CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY OTHER MEANS (GRAPHIC, ELECTRONIC OR PHOTOCOPIED) WITHOUT THE WRITTEN PERMISSION OF BLUEPRINT STRUCTURAL ENGINEERS. ANY LICENSE TO USE THIS DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT BETWEEN BLUEPRINT STRUCTURAL ENGINEERS AND THE INSTRUCTING PARTY.
 © COPYRIGHT BLUEPRINT STRUCTURAL ENGINEERS. ALL RIGHTS RESERVED

BUILDER

ARCHITECT

DRAWING BY



PROJECT NAME
 1081 OXFORD FALLS ROAD
 OXFORD FALLS N.S.W. 2100

DRAWING TITLE
 STORMWATER DETAILS

ISSUE
 FOR CONSTRUCTION

PROJECT NO. | SCALE
 779 | 1:10 @ A3

DESIGN BY | DRAWN BY
 SM | SM

DRAWING NO. | REVISION
 SW03 | 1