

LEGEND	
• DP	DOWN PIPE
• EX DP	EXISTING DOWN PIPE
—	PROPOSED STORMWATER PIPES
→	FLOW DIRECTION
⊠ FW	FLOOR WASTE
⊠ SP	SPREADER PIPE

STORMWATER DRAINAGE NOTES

- ALL LINES ARE TO BE MIN. 100mm UPVC @ MIN 1.0% GRADE UNLESS NOTED OTHERWISE.
- 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.
- ALL PIPES TO HAVE MIN 200mm COVER IF LOCATED WITHIN PROPERTY.
- ALL PITS IN DRIVEWAYS BE HEAVY DUTY GRATES. DIRECT SURFACE FLOW TO ALL GRATED SURFACE INLET PITS.
- ALL WORK DO BE DONE IN ACCORDANCE WITH AS/NZ 3500.3:2015 AND COUNCIL SPECIFICATIONS.
- 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.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, HYDRAULIC, LANDSCAPE AND STRUCTURAL PLANS.
- ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE DESIGN ENGINEER FOR RESOLUTION.
- ALL PITS OR GRATES IN TRAFFICABLE AREAS TO BE HEAVY DUTY.
- ALL GUTTERS WILL BE FITTED WITH LEAF GUARDS AND SHOULD BE INSPECTED AND CLEANED TO ENSURE LEAF LITTER CANNOT ENTER THE DOWNPIPES.
- PROVIDE EMERGENCY OVERFLOW TO ALL PLANTER BOX AND BALCONIES.
- ALL PITS WITH DEPTH MORE THAN 1M MUST HAVE IRON STEPS.
- PROVIDE STORMWATER GRATE 150Wx150D AT THE BASE OF ALL MECHANICAL SHAFTS AND UNCOVERED STAIRS OR OPENINGS.
- ENSURE ALL DRAINAGE WORKS ARE AWAY FROM TREE ROOTS.

GROUND FLOOR STORMWATER DRAINAGE CONCEPT PLAN

SCALE 1:100

NOTES:

- ALL DOWNPIPE LOCATIONS TO BE CHECKED BY ARCHITECT AND CONTRACTOR PRIOR TO CONSTRUCTION.
- ALL EXISTING DOWNPIPES AND EXISTING STORMWATER DRAINAGE SYSTEM TO BE CCTV CAMERA TESTED BY LICENSED PLUMBER PRIOR TO CONSTRUCTION.

ADDITIONAL NOTES:	
-	CCTV INSPECTION OF THE EXISTING STORMWATER PIPE SYSTEM TO BE UNDERTAKEN BY A LICENSED PLUMBER TO DETERMINE ITS CONDITION.
-	LOCATION OF EXISTING DISCHARGE PIPE IS SHOWN INDICATIVELY AND TO BE CONFIRMED ON SITE.
-	EXISTING STORMWATER DRAINAGE SYSTEM SHOWN ON THE PLAN SHALL BE RETAINED

REVISIONS					REVISIONS				
No.	BY	DATE	DESCRIPTION	APPD	No.	BY	DATE	DESCRIPTION	APPD
D	C.L.	16-11-2020	PRELIMINARY ISSUED	O.S.					
C	K.Z.	13-11-2020	PRELIMINARY ISSUED	O.S.					
B	K.Z.	16-09-2020	PRELIMINARY ISSUED	O.S.					
A	K.Z.	15-09-2020	PRELIMINARY ISSUED	O.S.					

ARCHITECT

CLIENT

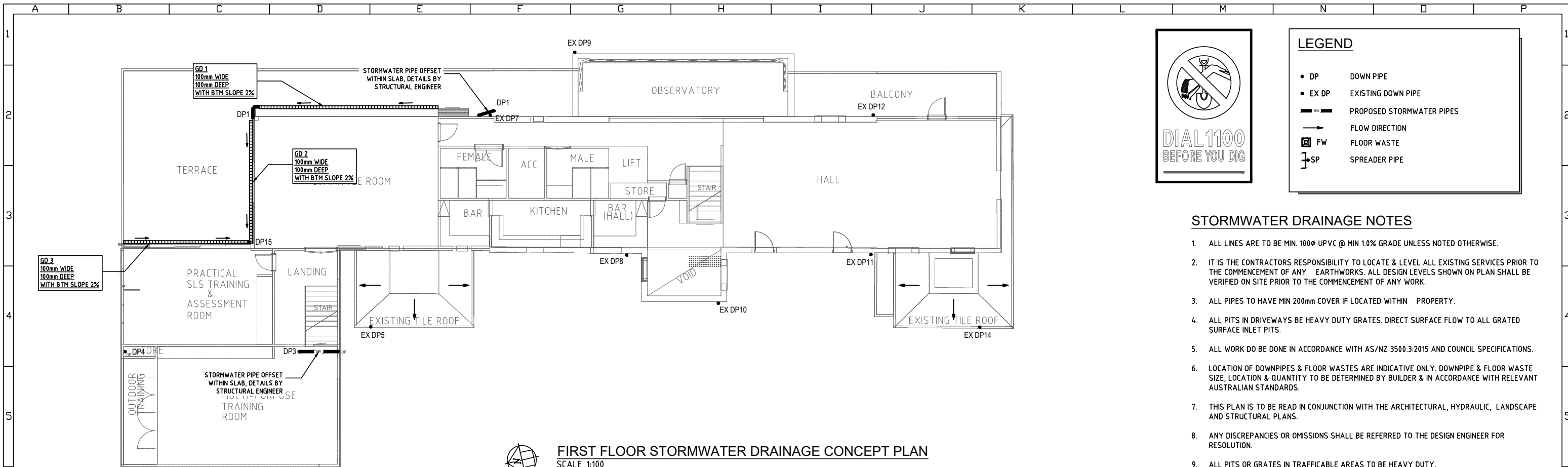
NORTHERN BEACHES COUNCIL

CONSULTING ENGINEERS

RISE CONSULTING ENGINEERS PTY. LTD.

A: L1, SUITE 14a, 19-23 BRIDGE STREET, PYMBLE NSW 2073
 E: ADMIN@RISEENGINEERS.COM.AU
 P: (02) 8057 9109 ABN: 98617950464

PROJECT						
PROPOSED STORMWATER DRAINAGE SYSTEM NEWPORT SURF LIFE SAVING CLUB RENEWAL						
DRAWING TITLE						
GROUND FLOOR STORMWATER DRAINAGE CONCEPT PLAN						
JOB No	DESIGNED	DRAWN	CHECKED	DRAWING No	SCALE	SIZE
20106	K.Z.	K.Z.	O.S.	D.010	AS SHOWN	A1



FIRST FLOOR STORMWATER DRAINAGE CONCEPT PLAN
SCALE 1:100

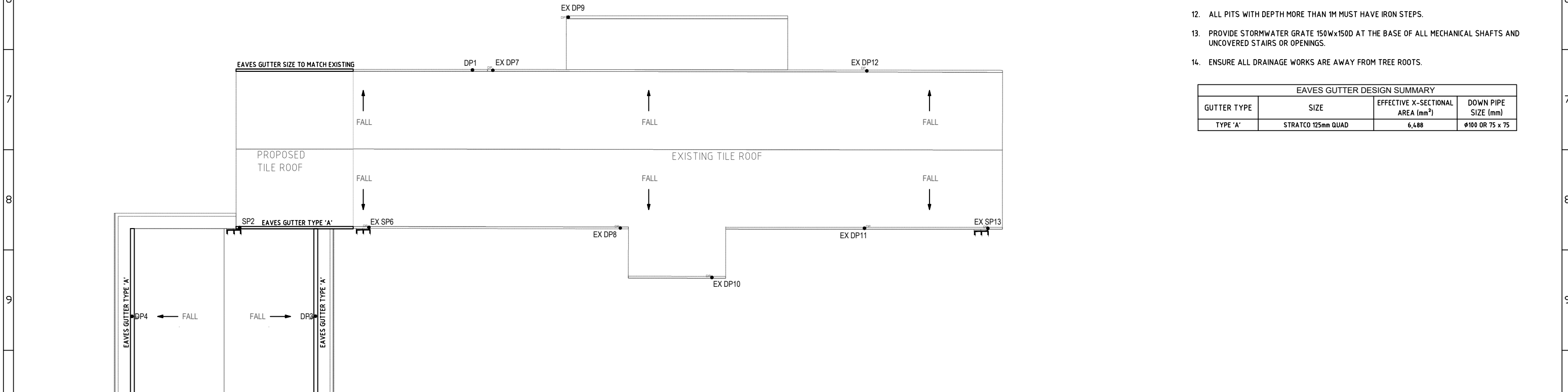
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ROOF STORMWATER DRAINAGE CONCEPT PLAN
SCALE 1:100

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EAVES GUTTER DESIGN SUMMARY			
GUTTER TYPE	SIZE	EFFECTIVE X-SECTIONAL AREA (mm ²)	DOWN PIPE SIZE (mm)
TYPE 'A'	STRATCO 125mm QUAD	6,488	Ø100 OR 75 x 75

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PROJECT

PROPOSED STORMWATER DRAINAGE SYSTEM
NEWPORT SURF LIFE SAVING CLUB RENEWAL

DRAWING TITLE

ROOF/FIRST FLOOR STORMWATER DRAINAGE CONCEPT PLAN

JOB No	DESIGNED	DRAWN	CHECKED	DRAWING No	SCALE	SIZE
20106	K.Z.	K.Z.	O.S.	D.020	AS SHOWN	A1