

78 CHISHOLM AVE, AVALON BEACH

STORMWATER MANAGEMENT PLAN

DRAWING INDEX:

DR-000 LEGEND

DR-001 PIPE LAYOUT - LOWER GROUND FLOOR

DR-002 PIPE LAYOUT - GROUND FLOOR

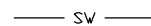
DR-003 ROOF LAYOUT

DR-004 DETAILS

LEGEND:



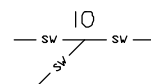
DOWNPIPE



STORMWATER PIPE



DRAINAGE PIT



INSPECTION OPENING

NOTES:

1. ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
2. SITE LAYOUT BASED ON ARCHITECTURAL PLANS BY EJE ARCHITECTURE (NOVEMBER/2021)
3. LOCATION OF ALL SERVICES MUST BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.
4. ALL STORMWATER DRAINAGE PIPES AND ASSOCIATED DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE RELEVANT STANDARDS, THE BUILDING CODE OF AUSTRALIA, MANUFACTURER'S RECOMMENDATIONS, SYDNEY CATCHMENT AUTHORITY RECOMMENDED PRACTICE, AND LOCAL COUNCIL, AS APPLICABLE.
5. ALL INVERT LEVELS PROVIDED ON THIS DRAWING ARE REDUCED TO AHD AND BASED ON INTERPOLATED SURFACE LEVELS AND SYSTEM REQUIREMENTS.

6. WHERE POSSIBLE, PIPEWORK SHALL BE LOCATED EXTERNAL TO THE BUILDING.
7. DOWNPIPES AND STORMWATER LINES TO BE SEALED DN100 uPVC UNLESS OTHERWISE NOTED.
8. STORMWATER PIPES TO BE GRADED AT A MINIMUM 1% UNLESS NOTED OTHERWISE.
9. ALTERNATIVE GUTTER AND DOWNPIPE CONFIGURATION MAY BE INSTALLED PROVIDED IT COMPLIES WITH AS3500.
10. ALL PIPE AND CONDUITS TO BE MARKED IN ACCORDANCE WITH AS1345 – 1995.
11. TRENCHES AND SERVICE SEPARATIONS IN ACCORDANCE WITH AS/NZS 5601, AS/NZS 3500, AND AS/CA S009.

NOT FOR CONSTRUCTION

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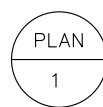
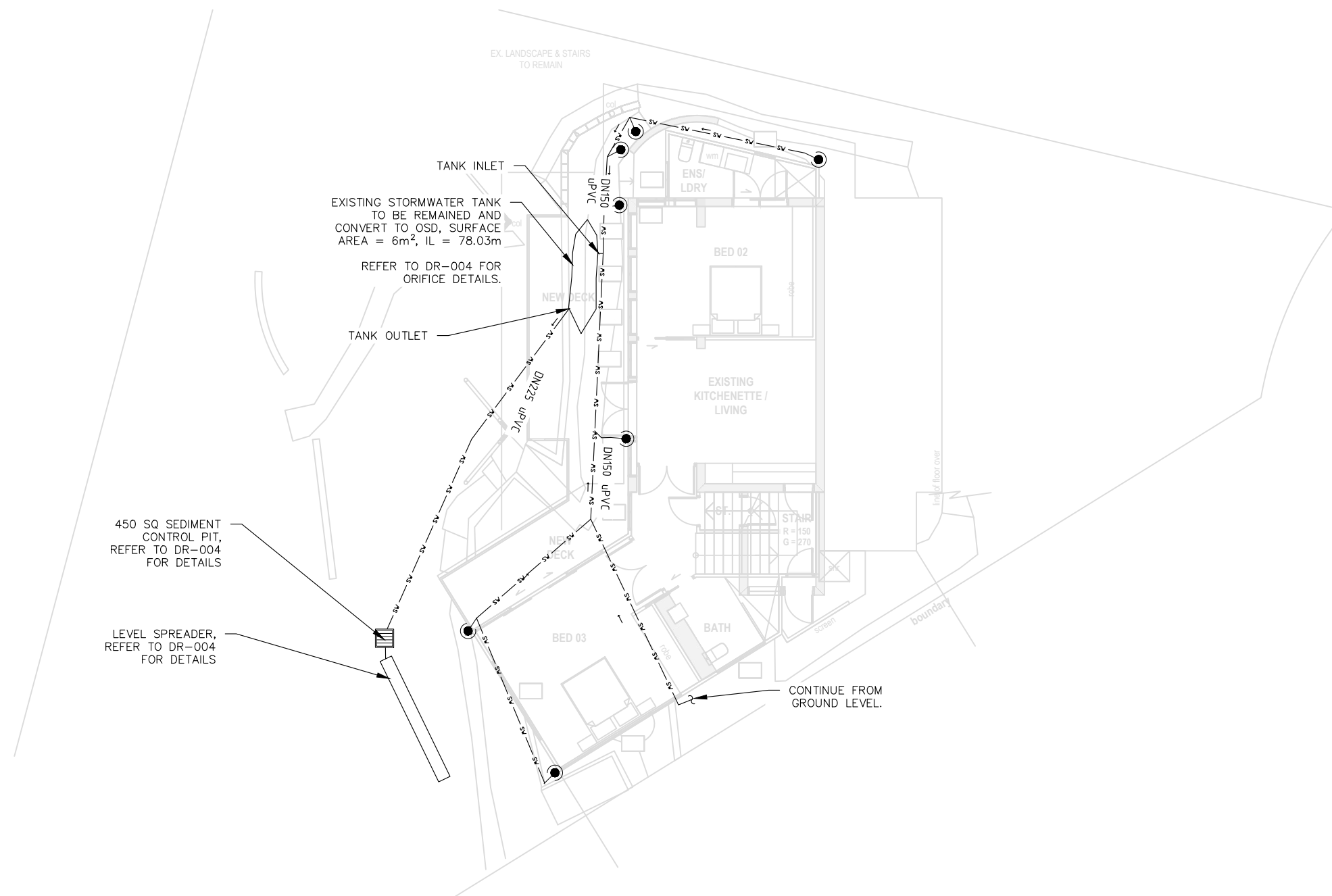
Stellen Consulting ABN 61 149 095 189

This design complies with:
AS3500.3:2018

78 CHISHOLM AVE, AVALON BEACH


LEGEND

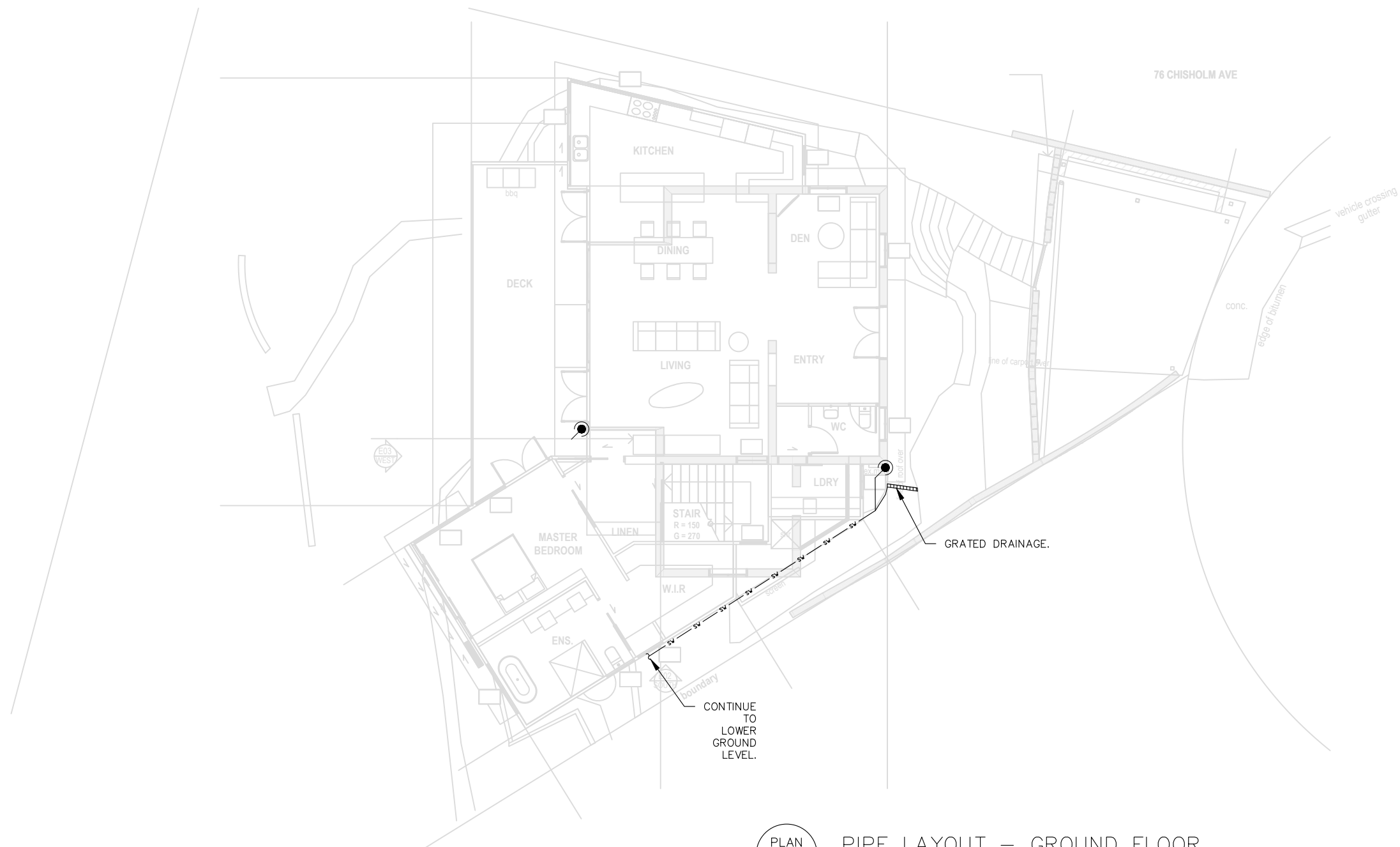
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PIPE LAYOUT-LOWER GROUND FLOOR
1:150

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PLAN
2

PIPE LAYOUT – GROUND FLOOR

1:150

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78 CHISHOLM AVE, AVALON BEACH			
PIPE LAYOUT - GROUND FLOOR			
Size	A3	Status	DA SUBMISSION
Drwg No.	DR-002	Rev.	0

NOMENCLATURE
DP - DOWNPIPE
EG - EAVES GUTTER

Q100 - 100YR 5 MINUTE ARI FLOW RATE

GUTTER SIZING
EAVE GUTTER DESIGNED TO ARI (100YR:287mm/hr)
EG1 - MIN CSA 10,000 mm²
EG2 - MIN CSA 5,700 mm²

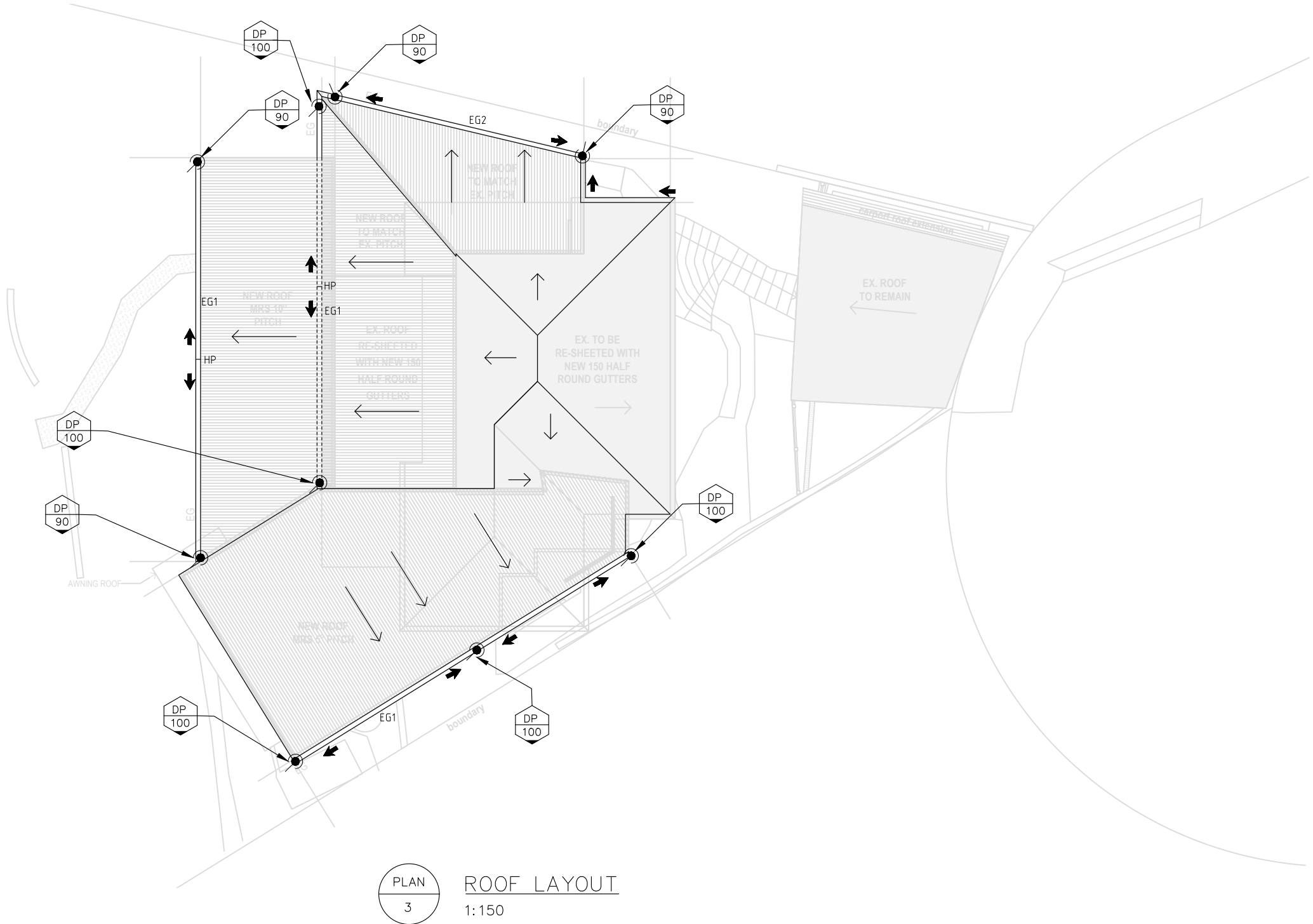
LEGEND

DOWNPIPE TYPE AND DIAMETER

DIRECTION OF FALL

DOWNPIPE

LEVEL SPREADER



PLAN 3
ROOF LAYOUT
1:150

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78 CHISHOLM AVE, AVALON BEACH			
ROOF LAYOUT			
Size	A3	Status	DA SUBMISSION
Drwg No.	DR-003	Rev.	0



1. ORIFICE PLATE DIAMETER TO BE 180mm



NOTES:

1. THE BASE OF THE BED MUST BE LEVEL TO ENSURE EVEN DISTRIBUTION OF STORMWATER. IT MUST ALSO BE SCARIFIED TO OVERCOME ANY SMEARING DURING EXCAVATION. BASE LEVELS SHOULD BE CHECKED WITH A DUMPY / LASER LEVEL.
2. ABSORPTION/DISPERSION TRENCH TO BE CONSTRUCTED PARALLEL TO THE NATURAL CONTOURS.

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