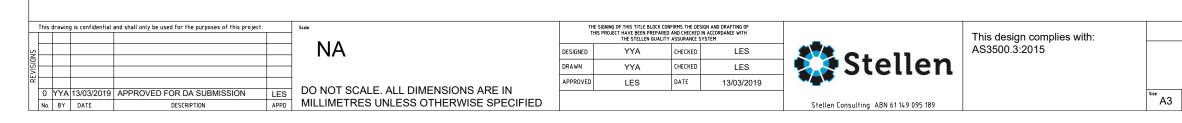
142 SYDNEY ROAD, FAIRLIGHT STORMWATER MANAGEMENT PLAN

DRAWING NUMBER	REVISION	DRAWING TITLE
DR-000	0	LEGEND
DR-001	0	PIPE LAYOUT & DETAILS
DR-002	0	ROOF LAYOUT
DR-003	0	SITE AREAS
SD-001	0	SEDIMENT & EROSION CONTROL PLAN

NOTES:

- 1. ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
- 2. SITE LAYOUT BASED ON ARCHITECTURAL PLANS BY WATERSHED DESIGN (26/02/2019).
- 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.
- 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.
- 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.



142 SYDNEY ROAD, FAIRLIGHT		
LEGEND		
STATUS APPROVED FOR DA SUBMISSION	Drg No. DR-000	Rev.
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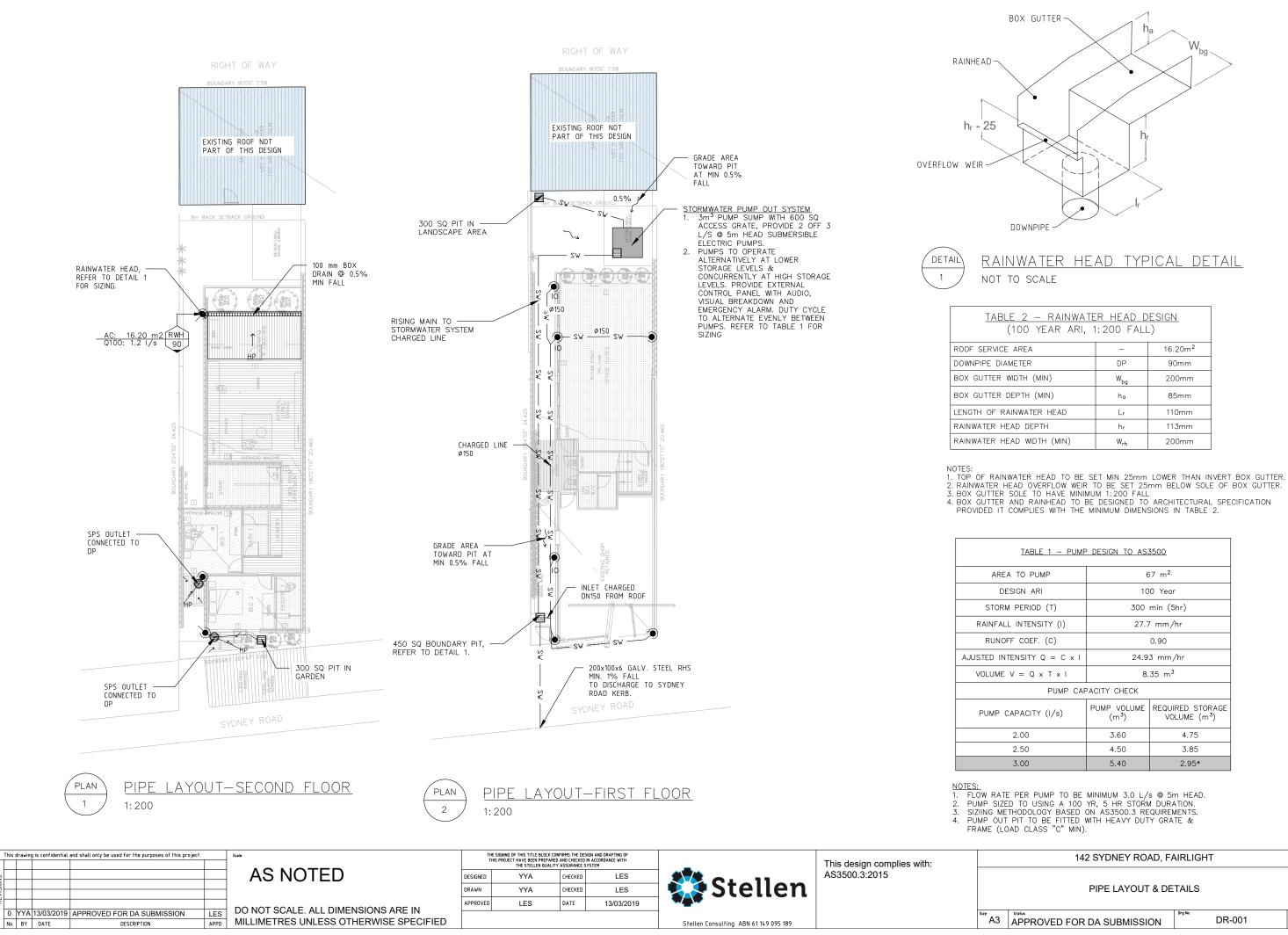
SPS DRAINAGE OUTLET

INSPECTION OPENING

DOWNPIPE

DRAINAGE PIT

LEGEND:



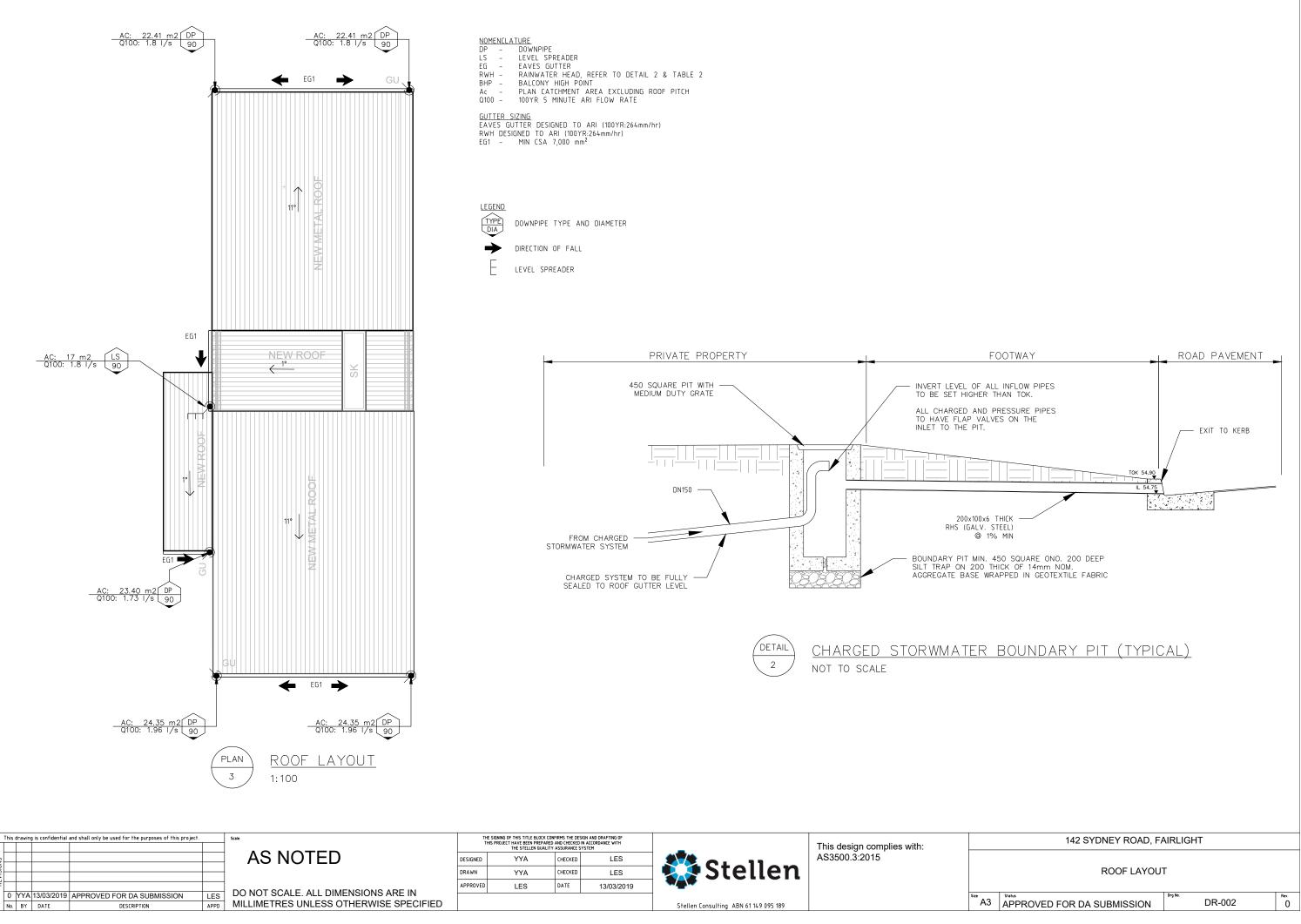
<u>e 2 — rainwater head design</u> (100 year ari, 1:200 fall)			
AREA	-	16.20m ²	
METER	DP	90mm	
WIDTH (MIN)	W _{bg}	200mm	
DEPTH (MIN)	h₀	85mm	
AINWATER HEAD	Lr	110mm	
EAD DEPTH	hr	113mm	
EAD WIDTH (MIN)	W _{rh}	200mm	

TABLE 1 – PUMP DESIGN TO AS3500			
67 m ²			
100 Year			
300 min (5hr)			
27.7 mm/hr			
0.90			
24.93 mm/hr			
8.35 m ³			
PUMP CAPACITY CHECK			
PUMP VOLUME (m ³)	REQUIRED STORAGE VOLUME (m ³)		
3.60	4.75		
4.50	3.85		
5.40	2.95*		
	6 10 300 27.7 24.9. 24.9. 8. PACITY CHECK PUMP VOLUME (m ³) 3.60 4.50		

APPROVED	FOR DA	SUBMISSION	

DR-001

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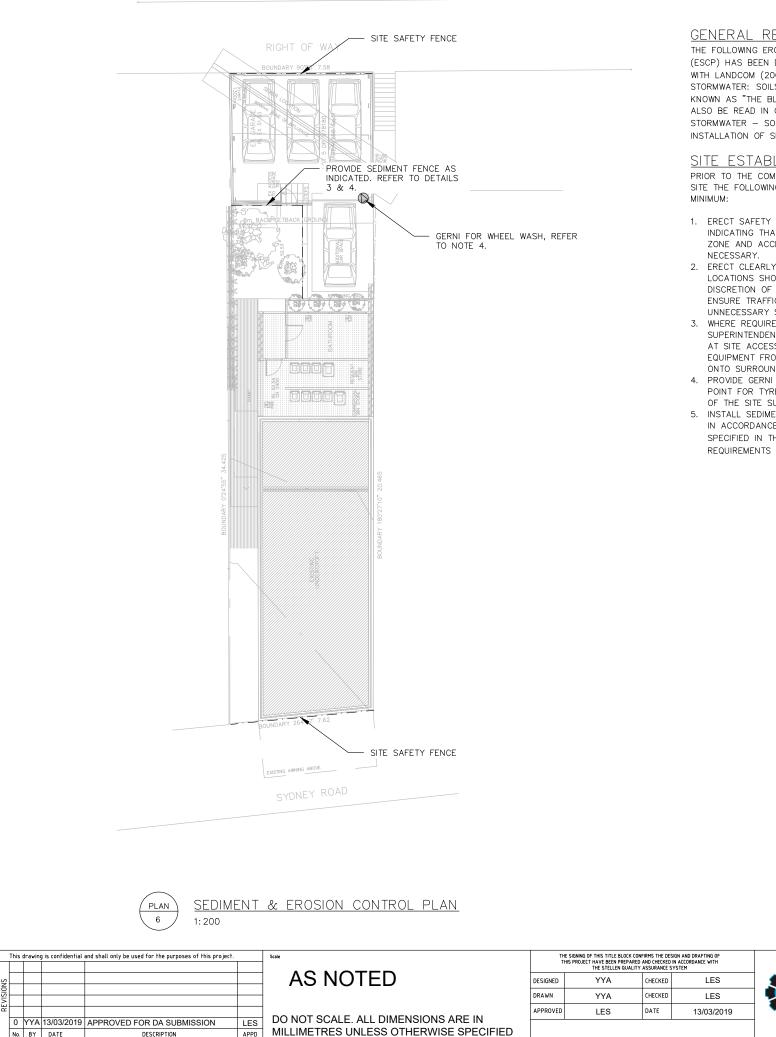


IMPER	VIOUS	
EXISIT	NG ROOF	
OSD REQUIREMENT: THE DEVELOPMENT PRO THE PERVIOUS FRACTIO	DPOSES AN INCREASE TO ON FOR THE SITE (0% TO S LICATION OF OSD IS NOT	9%).
142 SYDNEY ROAD, FAIRLIGHT		
SITE AREAS		
PROVED FOR DA SUBMISSION	Drg No. DR-003	Rev. O

PERVIOUS TO PUMP SUMP

IMPERVIOUS TO PUMP SUMP

LEGEND



GENERAL REQUIREMENTS

THE FOLLOWING EROSION AND SEDIMENT CONTROL PLAN (ESCP) HAS BEEN DEVELOPED IN GENERAL ACCORDANCE WITH LANDCOM (2004) - MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION, OTHERWISE KNOWN AS "THE BLUE BOOK". THIS PLAN SHOULD ALSO BE READ IN CONJUNCTION WITH MANAGING URBAN STORMWATER - SOILS AND CONSTRUCTION (VOLUME 2A INSTALLATION OF SERVICES).

SITE ESTABLISHMENT

PRIOR TO THE COMMENCEMENT OF EARTHWORKS ON THE SITE THE FOLLOWING SHALL BE UNDERTAKEN AS A

- 1. ERECT SAFETY FENCING WITH SIGNAGE CLEARLY INDICATING THAT THE SITE IS A CONSTRUCTION ZONE AND ACCESS IS RESTRICTED AS DEEMED
- 2. ERECT CLEARLY VISIBLE BARRIER FENCING AT LOCATIONS SHOWN OR IF NOT SHOWN AT THE DISCRETION OF THE SITE SUPERINTENDENT TO ENSURE TRAFFIC IS CONTROLLED AND TO PROHIBIT UNNECESSARY SITE DISTURBANCE.
- 3. WHERE REQUIRED AT THE DISCRETION OF THE SITE SUPERINTENDENT, INSTALL STABILISED SITE ACCESS AT SITE ACCESS POINT TO PREVENT CONSTRUCTION EQUIPMENT FROM CARRYING SEDIMENT OFF THE SITE ONTO SURROUNDING ROADS.
- 4. PROVIDE GERNI PRESSURE CLEANER AT SITE EXIT POINT FOR TYRE WASH DOWN AT THE DISCRETION OF THE SITE SUPERINTENDENT.
- 5. INSTALL SEDIMENT AND EROSION CONTROL DEVICES IN ACCORDANCE WITH THE CONSTRUCTION DETAILS SPECIFIED IN THIS DRAWING SET AND/OR THE REQUIREMENTS OF THE 'BLUE BOOK'.

- DEVELOPMENT.
- SUPERINTENDENT.

- FLOWS.
- FLOW PATHS.

