2 ELLERY PARADE, SEAFORTH STORMWATER MANAGEMENT PLAN

DRAWING NUMBER	REVISION	DRAWING TITLE
DR-000	3	LEGEND
DR-001	3	PIPE LAYOUT & LEVEL SPREADER DETAILS
DR-002	2	ROOF LAYOUT
DR-003	1	DETAILS
DR-004	1	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 BRICK 7. DOWNPIPES AND STORMWATER LINES TO BE SEALED DN100 ARCHITECTS (APRIL 2020).
- 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.
- 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.

LEGEND:



DOWNPIPE



RAINWATER LINE



STORMWATER LINE



DRAINAGE PIT



INSPECTION OPENING

NOT FOR CONSTRUCTION

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2						
VISION	3	SHA	20/04/2020	CHANGE RAINWATER TANK LOCATION	IRW	
Si.	2	SSD	1/05/2019	CHANGE DP LOCATIONS	SSE	
Æ	1	YYA	15/04/2019	APPROVED FOR DA SUBMISSION	SSE	
	0	YYA	03/04/2019	APPROVED FOR DA SUBMISSION	SSE	
	No.	BY	DATE	DESCRIPTION	APPD	

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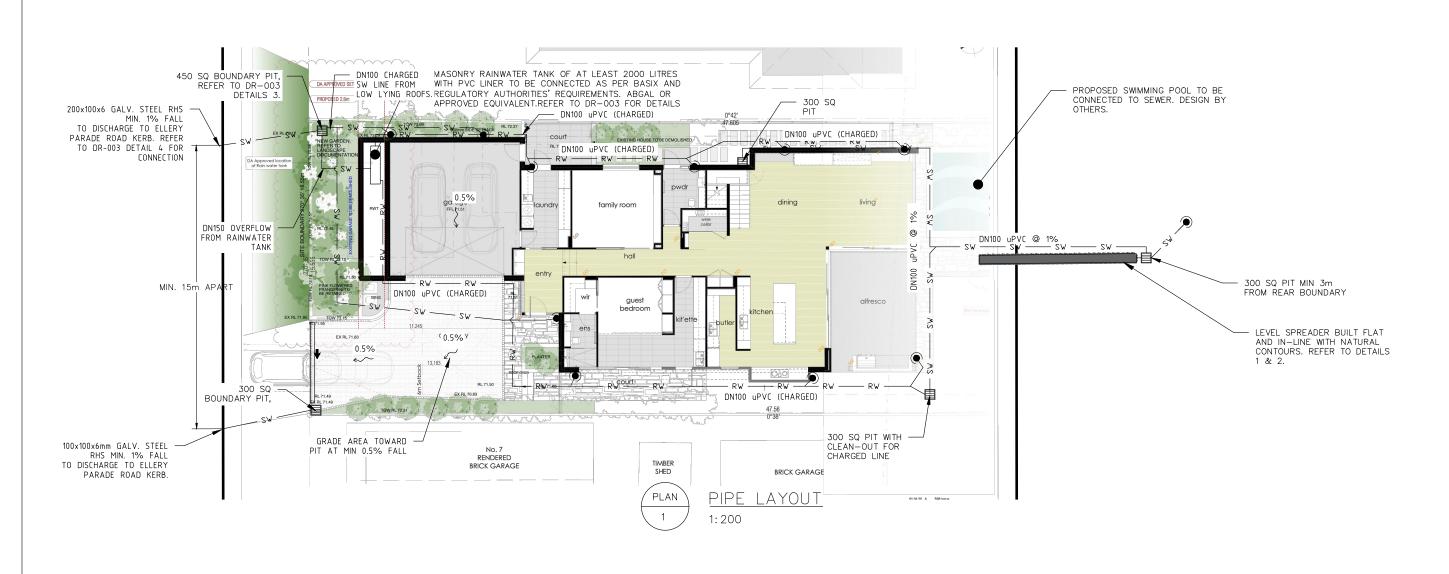
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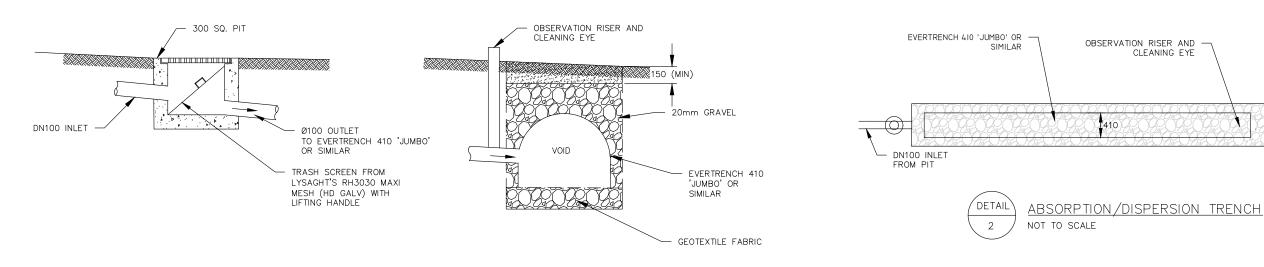
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THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE STELLEN QUALITY ASSURANCE SYSTEM					
DESIGNED	SHA	CHECKED	IRW		
DRAWN	SHA	CHECKED	IRW		
APPROVED	IRW	DATE	20/04/2020		



This design complies with: AS3500.3:2015

	2 ELLERY PARADE, SI	EAFOR	TH	
	LEGEND			
Size A3	APPROVED FOR DA SUBMISSION	Drg No.	DR-000	Rev.







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.

OBSERVATION RISER AND

CLEANING EYE

2. ABSORPTION/DISPERSION TRENCH TO BE CONSTRUCTED PARALLEL TO THE NATURAL CONTOURS.

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2							
ISIONS	3	SHA	20/04/2020	CHANGE RAINWATER TANK LOCATION	IRW		
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	No.	BY	DATE	DESCRIPTION	APPD		

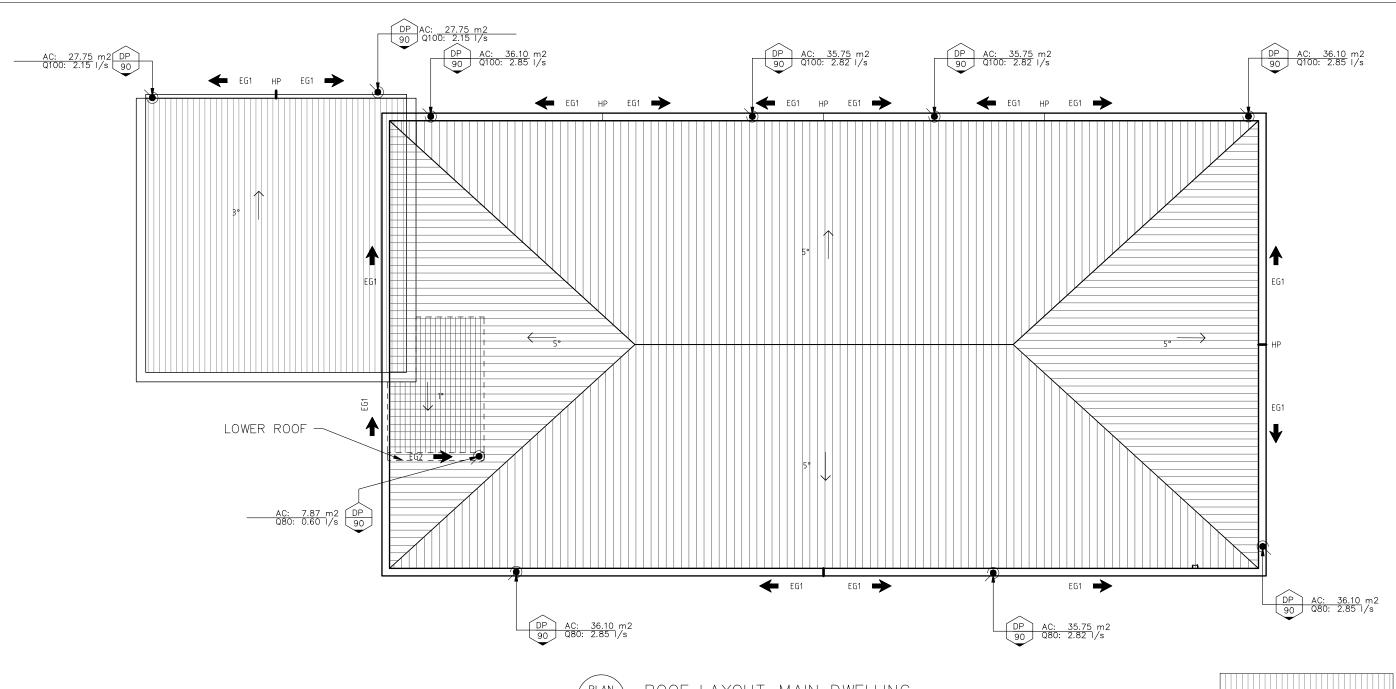
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DESIGNED	SHA	CHECKED	IRW
DRAWN	SHA	CHECKED	IRW
APPROVED	IRW	DATE	20/04/2020

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This design complies with:	2 ELLERY PARADE, SEAFORTH				
AS3500.3:2015		PIPE LAYOUT & LEVEL SPRE	EADER DETAILS		
	Size A3	APPROVED FOR DA SUBMISSION	DR-001	Rev.	



NOMENCLATURE DP - DOWNPIPE EG - EAVES GUTTER HP - HIGH POINT AC - PLAN CATCHMEN

PLAN CATCHMENT AREA EXCLUDING ROOF PITCH 100YR 5 MINUTE ARI FLOW RATE

GUTTER SIZING EAVE GUTTER DESIGNED TO ARI (80YR:260mm/hr) EG1 - MIN CSA 9,400 mm² EG2 - MIN CSA 7,600 mm²

<u>LEGEND</u>

TYPE DOWNPIPE TYPE AND DIAMETER

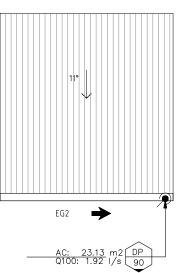
DIRECTION OF FALL



ROOF LAYOUT-MAIN DWELLING

1:100

1. ALL INLET ENTRIES FROM THE EAVE GUTTERS SHOULD BE MIN 100X75 RECTANGULAR AND ADOPTERS FROM 100X75 RECTANGULAR DOWNPIPE TO 90 CIRCULAR DOWNPIPE TO BE INSTALL AT HIGHER LEVEL TO ALLOW CONVERSION FROM RECTANGULAR DOWNPIPE TO CIRCULAR DOWNPIPE.



ROOF LAYOUT-GARDEN SHED

1:100

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2 SSD 1/05/2019 CHANGE DP LOCATIONS
1 YYA 15/04/2019 APPROVED FOR DA SUBMISSION 0 YYA 03/04/2019 APPROVED FOR DA SUBMISSION SSD No. BY DATE

AS NOTED

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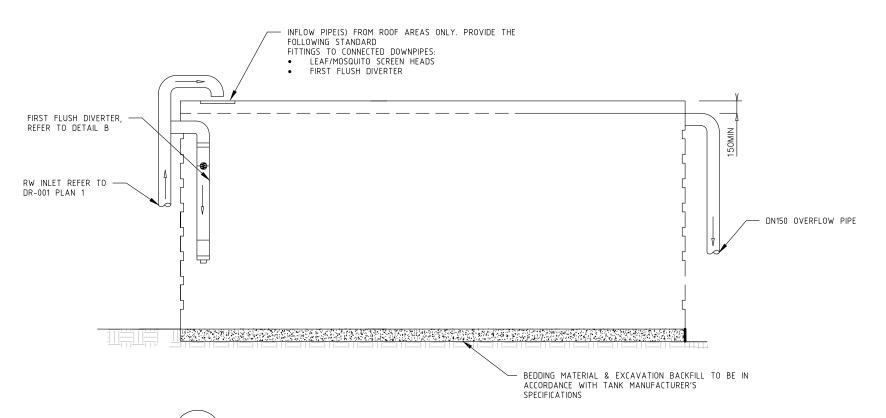
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AS3500.3:2015	

	2 ELLERY PARADE, SEAFORTH					
	ROOF LAYOU	г				
[*] A3	APPROVED FOR DA SUBMISSION	DR-002	Rev.			



DIVERTER CHAMBER PLASTIC FILTER SCREEN SOCKET NUT AND TAIL TO FLOW CONTROL VALVE. DISCHARGE TO GROUND

DETAIL

FIRST FLUSH DIVERTER NOT TO SCALE

TYPICAL RAINWATER REUSE TANK ELEVATION

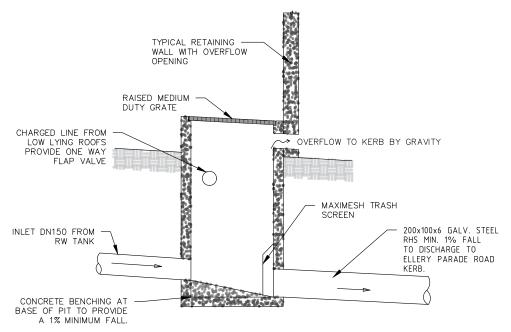
NOT TO SCALE

NOTES:

DETAIL

3

RAINWATER TANK TO BE AT LEAST 2000 LITRES. RAINWATER TANK MUST MEET, AND BE INSTALLED IN ACCORDANCE WITH, THE REQUIREMENTS OF ALL APPLICABLE REGULATORY AUTHORITIES.

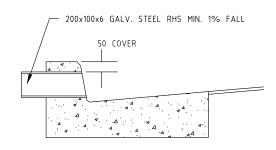




450 SQUARE MEDIUM DUTY PIT NOT TO SCALE

NOTES:

- 1. 'LYSAGHT' MAXIMESH RH3030 (HOT DIPPED GALVANISED) OR EQUIVALENT.
- 2. MAXI MESH SCREENS MUST BE PLACED SUCH THAT THE LONG AXIS OF THE OVAL SHAPED HOLES ARE ORIENTATED HORIZONTALLY WITH THE PROTRUDING LIP ANGLED UPWARDS AND FACING TOWARDS THE OUTLET.





TYPICAL KERB CONNECTION NOT TO SCALE

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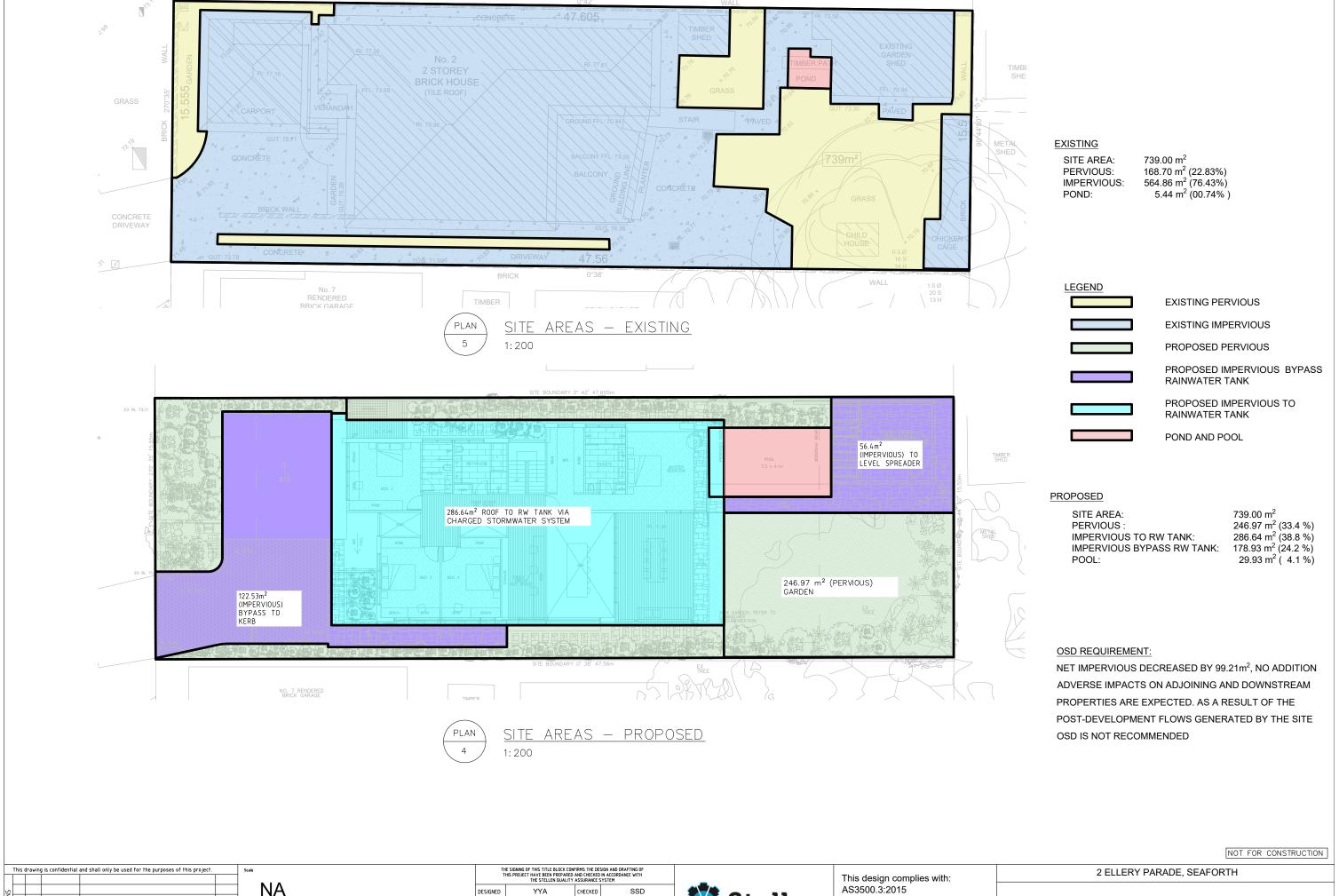
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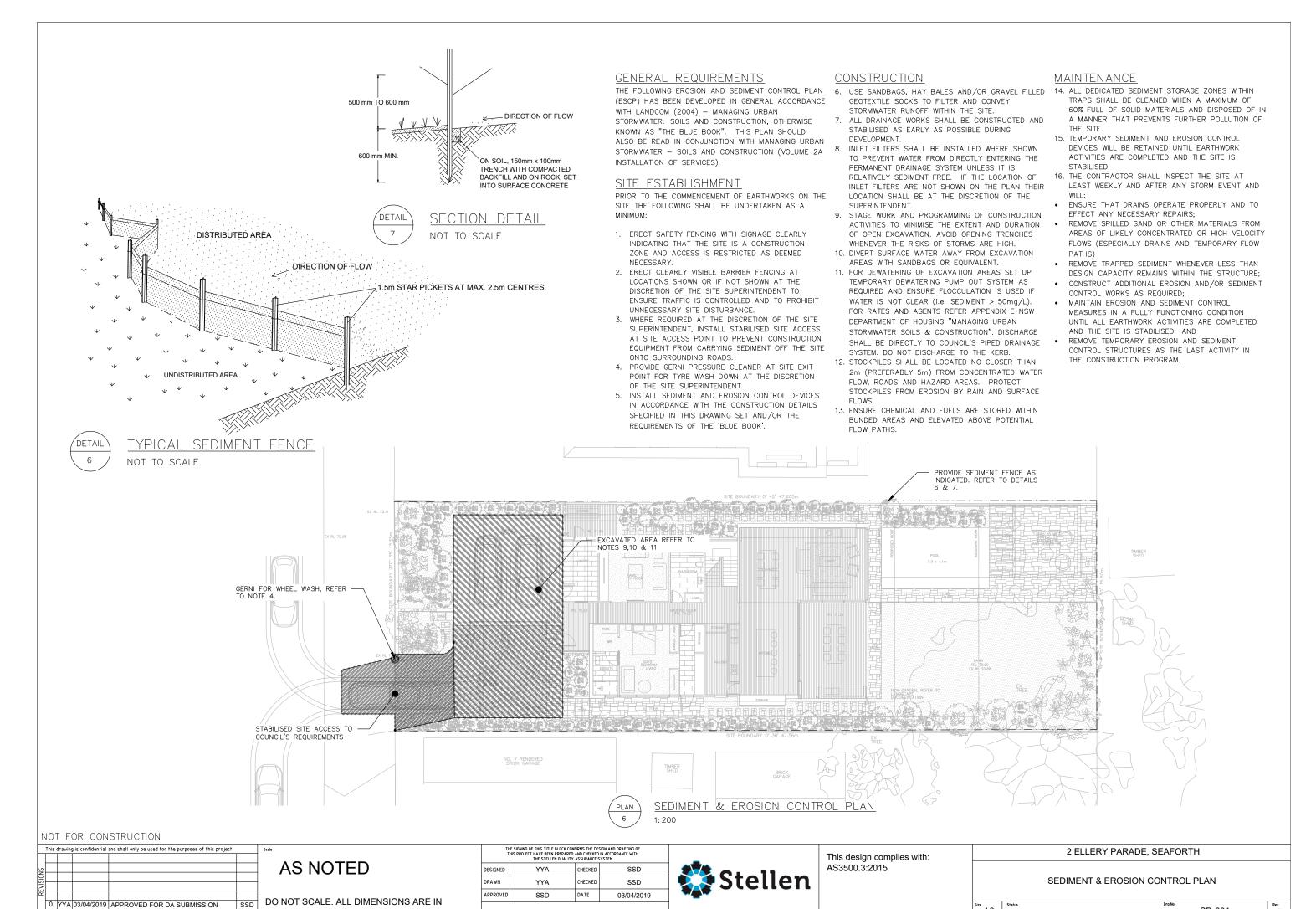
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DRAWN	YYA	CHECKED	SSD				
APPROVED	SSD	DATE	15/04/2019				

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AS3500.3:2015		DETAILS				
	Size A3	Status APPROVED FOR DA SUBMISSION	Drg No. DR-003	Rev.		



NA SITE AREAS DRAWN CHECKED SSD 1 YYA 15/04/2019 UPDATE PROPOSED SITE AREAS APPROVED DATE 15/04/2019 DO NOT SCALE. ALL DIMENSIONS ARE IN 0 YYA 03/04/2019 APPROVED FOR DA SUBMISSION A3 APPROVED FOR DA SUBMISSION DR-004 MILLIMETRES UNLESS OTHERWISE SPECIFIED No. BY DATE Stellen Consulting ABN 61 149 095 189



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A3 APPROVED FOR DA SUBMISSION