

17 MARETIMO STREET, BALGOWLAH

STORMWATER MANAGEMENT PLAN

DRAWING NUMBER	REVISION	DRAWING TITLE
DR-000	4	LEGEND
DR-001	4	PIPE LAYOUT & DETAILS
DR-002	3	OSD DETAILS
DR-003	0	CATCHMENT PLAN

NOTES:

1. ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.

2. SITE LAYOUT BASED ON ARCHITECTURAL PLANS BY ROBERT URSINO DESIGN (SEPTEMBER 2017).

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 PIPES AND CONDUITS TO BE MARKED IN ACCORDANCE WITH AS1345 – 1995.

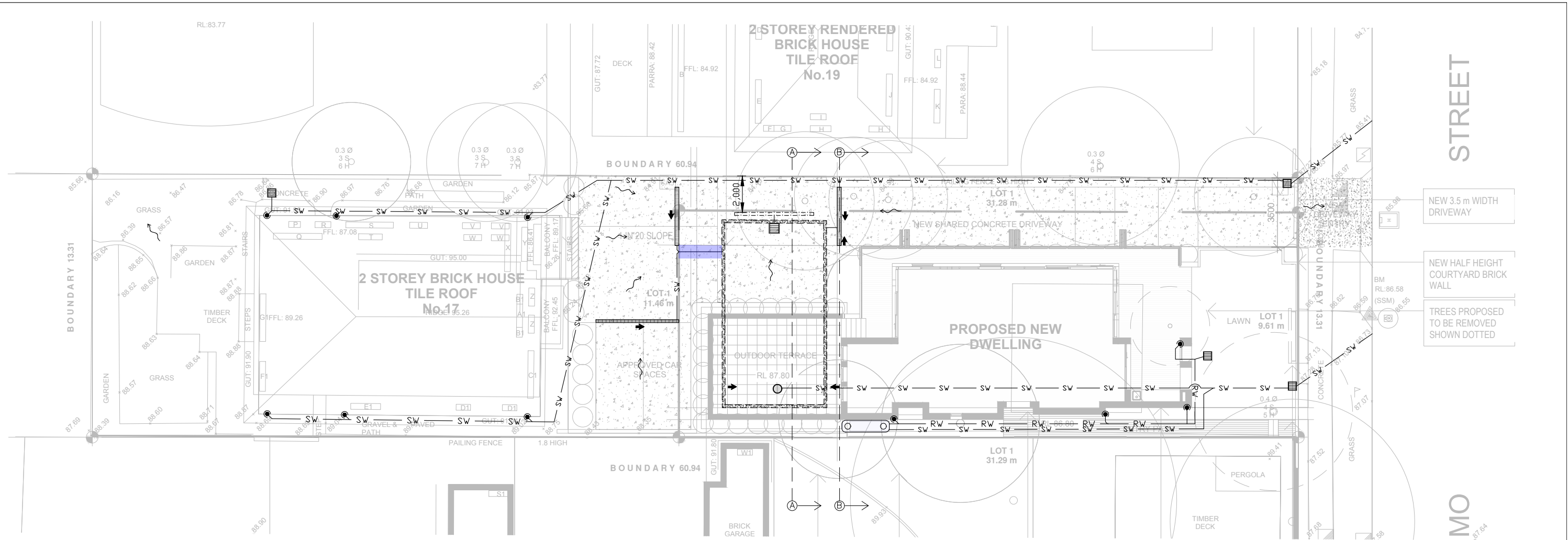
11. TRENCHES AND SERVICE SEPARATIONS IN ACCORDANCE WITH AS/NZS 5601, AS/NZS 3500, AND AS/CA S009.

LEGEND:

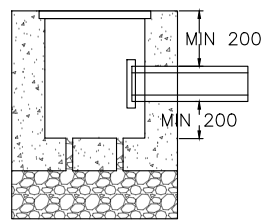
- DOWNPIPE
- STORMWATER PIPE
- RAINWATER PIPE
- DRAINAGE PIT
- INSPECTION OPENING

NOT FOR CONSTRUCTION

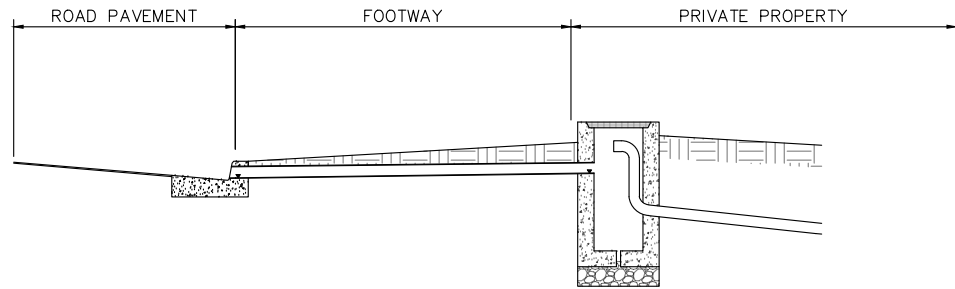
This drawing is confidential and shall only be used for the purposes of this project.					Scale <div>NA</div> DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED		THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE STELLEN QUALITY ASSURANCE SYSTEM				<div> Stellen</div> <div>Stellen Consulting ABN 61 149 095 189</div>	This design complies with: AS3500.3:2018		17 MARETIMO STREET, BALGOWLAH			
LEGEND																	
REVISIONS	4	IRW	10/05/2020	ADDITIONAL SECTION REQ	IRW	DESIGNED	MAI	CHECKED	IRW	<div>SizeA3</div> <div>StatusSECTION 455</div> <div>Dwg No.DR-000</div> <div>Rev.4</div>							
	3	MAI	16/12/2019	TECHNICAL MEETING NOTES	IRW	DRAWN	MAI	CHECKED	IRW								
	2	MAI	06/08/2019	COUNCIL COMMENTS 2	IRW	APPROVED	IRW	DATE	16/12/2019								
	1	MAI	02/07/2019	COUNCIL COMMENTS	IRW												
	0	MAI	24/05/2018	FOR DA	IRW												
	No.	BY	DATE	DESCRIPTION		APPD											



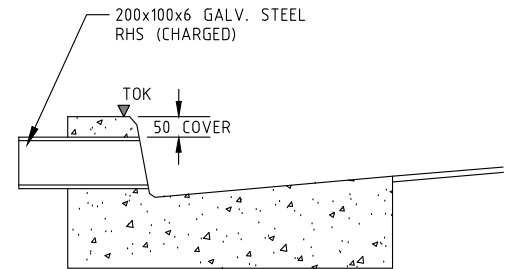
PLAN
1
PIPE LAYOUT
1: 200



DETAIL
1
TYPICAL CLEAN-OUT PIT
NOT TO SCALE




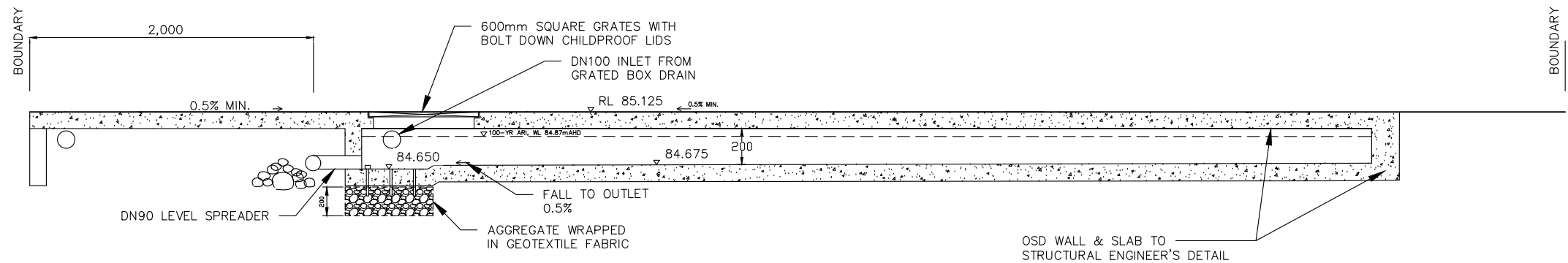
DETAIL
2
TYPICAL CHARGED LINE BOUNDARY PIT
NOT TO SCALE



DETAIL
3
TYPICAL KERB CONNECTION
NOT TO SCALE

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REVISIONS	4	MAI	16/12/2019	TECHNICAL MEETING NOTES				IRW	DESIGNED	MAI	CHECKED			IRW	PIPE LAYOUT & DETAILS							
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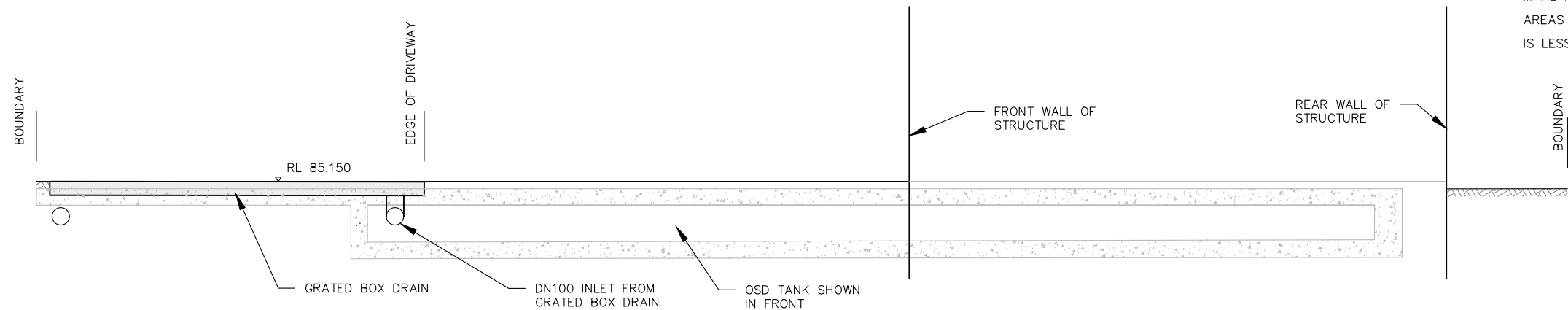
SECTION
AA

OSD SECTION
1:50

TABLE 1 – PEAK RUNOFF OVER THE BOUNDARY TO 19 MARETIMO		
ARI	FLOW RATE FROM OSD (L/S)	BYPASS (L/S)
5 YEAR	4	1
20 YEAR	5	1
100 YEAR	6	2

OSD TECHNICAL REQUIREMENTS FOR FLOWS


- REFER TO PLAN 2 FOR CATCHMENT AREAS TO 19 MARETIMO STREET.
- RUNOFF FROM THE DEVELOPED SITE TO 19 MARETIMO STREET (EXCLUDING THE ROOFS & OTHER AREAS FALLING AWAY FROM 19 MARETIMO STREET) IS LESS THAN 10L/S.

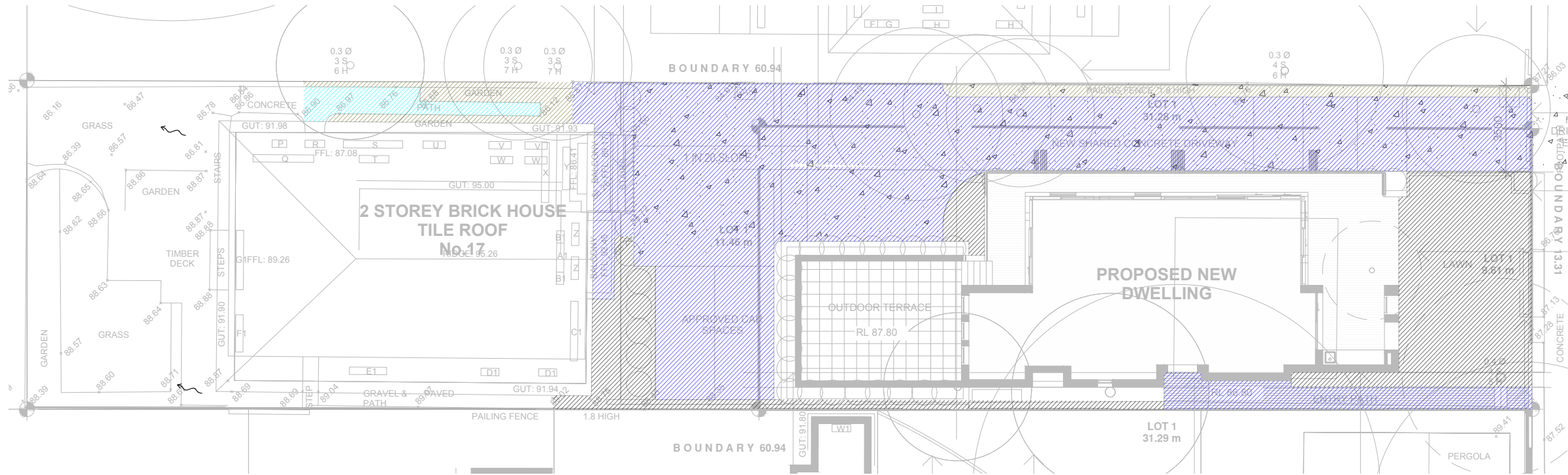


SECTION
BB

OSD SECTION
1:50

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REVISIONS	4	IRW	10/05/2020	ADDITIONAL SECTION REQ	IRW	AS NOTED		DESIGNED	MAI	CHECKED			IRW	OSD DETAILS					
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	2	MAI	06/08/2019	COUNCIL COMMENTS 2	IRW			APPROVED	IRW	DATE			16/12/2019						
	1	MAI	02/07/2019	COUNCIL COMMENTS	IRW			Stellen Consulting ABN 61 149 095 189											
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PLAN 2
CATCHMENT PLAN
1:200

- LEGEND:
- IMPERVIOUS TO OSD, 212.5m²
 - PERVIOUS TO OSD, 76.0m²
 - IMPERVIOUS BYPASS, 8.1m²
 - PERVIOUS BYPASS, 21.7m²

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								DESIGNED	MAI	CHECKED	IRW			CATCHMENT PLAN			
								DRAWN	MAI	CHECKED	IRW						
								APPROVED	IRW	DATE	16/12/2019						
								DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED									
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