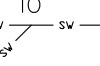
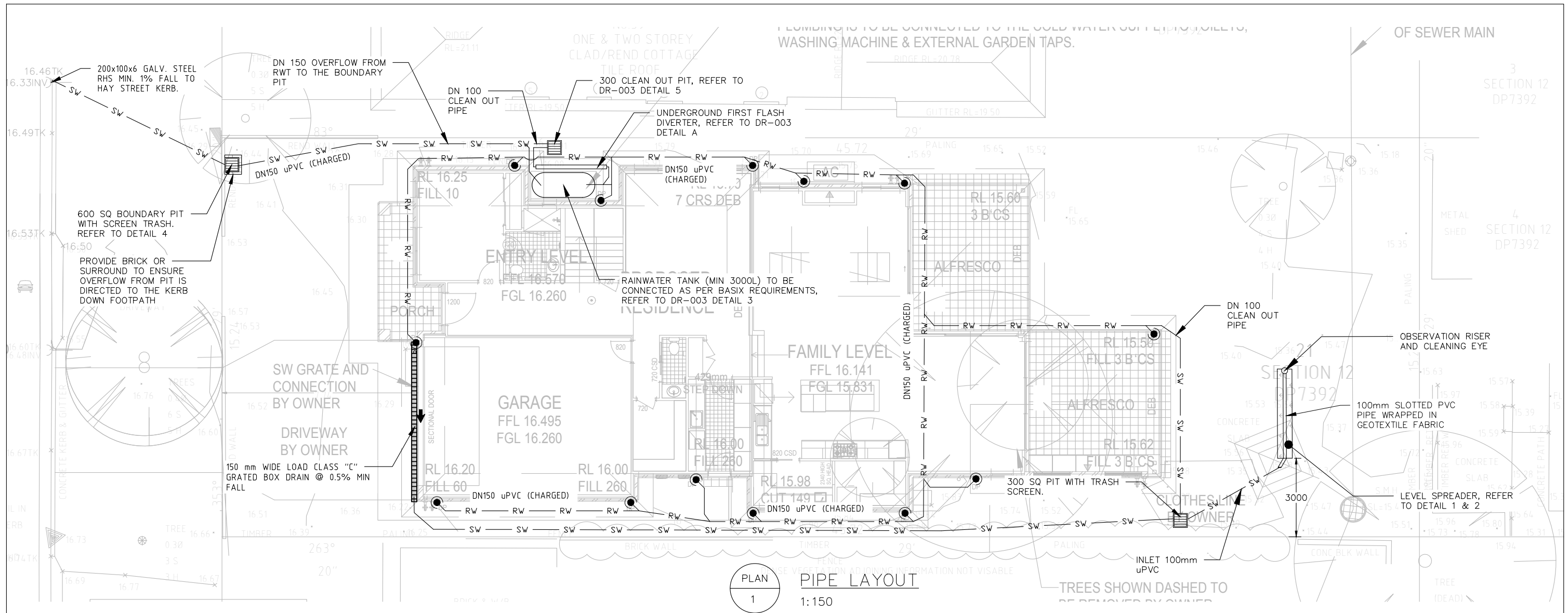


<u>DRAWING NUMBER</u>	<u>REVISION</u>	<u>DRAWING TITLE</u>
DR-000	2	LEGEND
DR-001	2	PIPE LAYOUT & LEVEL SPREADER DETAIL
DR-002	2	ROOF LAYOUT
DR-003	2	DETAIL
DR-004	0	SITE AREAS

1. ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.
2. SITE LAYOUT BASED ON ARCHITECTURAL PLANS BY WINCREST GROUP PTY LTD (09/12/2019) AND SURVEY PLANS BY TERRALINKS GROUP PTY LTD (17/03/2020).
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

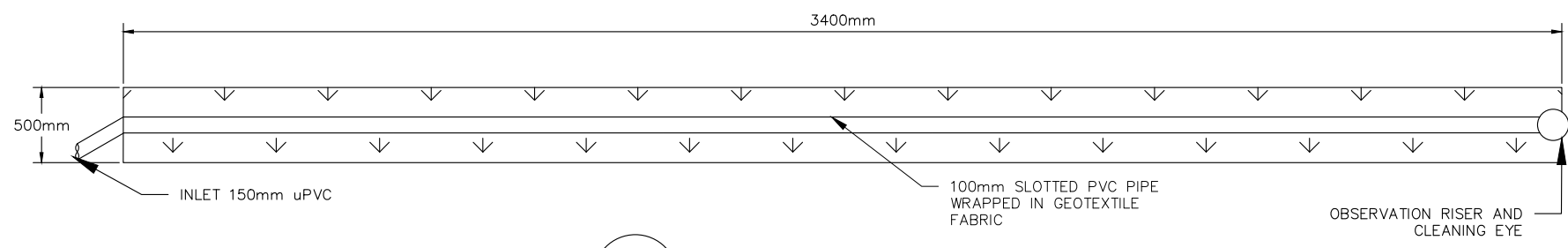
-  DOWNPIPE
-  STORMWATER PIPE
-  RAINWATER PIPE
-  DRAINAGE PIT
-  INSPECTION OPENING

This drawing is confidential and shall only be used for the purposes of this project.					Scale		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			 Stellen Stellen Consulting ABN 61 149 095 189		This design complies with: AS3500.3:2018				57 HAY STREET, COLLAROY			
REVISIONS 2 1 0					NA		DESIGNED YYA CHECKED IRW					LEGEND							
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							APPROVED IRW DATE 26/06/2020												
		2 YYA 01/07/2020 APPROVED FOR DA SUBMISSION IRW			DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED							Size A3		Status APPROVED FOR DA SUBMISSION		Org No. DR-000		Rev. 2	
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		0 YYA 26/05/2020 APPROVED FOR DA SUBMISSION IRW																	
		No. BY DATE DESCRIPTION APPD																	



PLAN
1

PIPE LAYOUT
1:150

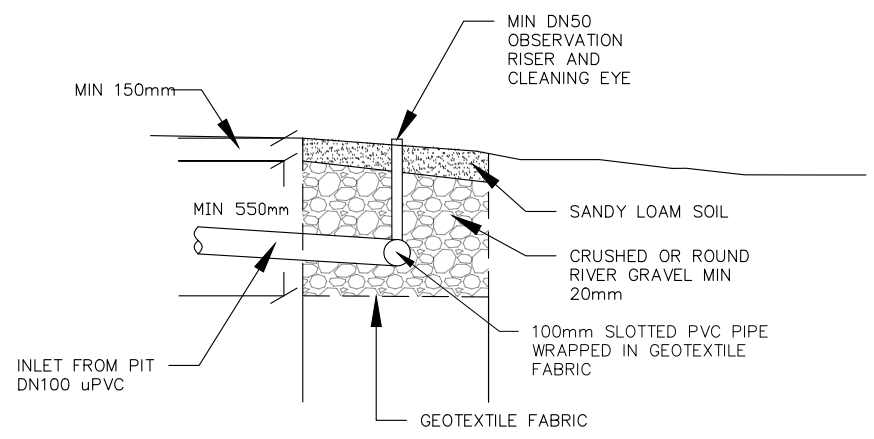


DETAIL
1

LEVEL SPREADER PLAN VIEW
NOT TO SCALE

LEVEL SPREADER TRENCH CONSTRUCTION

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. LEVEL SPREADING MOUND TO BE CONSTRUCTED PARALLEL TO THE NATURAL CONTOURS OF THE GROUND
3. INSPECTION PORT ON DOWNHILL SIDE OF THE BED. MADE FROM 50 MM PVC PIPE WITH PERFORATIONS AT THE AGGREGATE LEVEL OF THE BED.
4. BED DIMENSIONS ARE TYPICAL ONLY.
5. MIN 2m FROM BUILDINGS AND BOUNDARY.
6. TRENCHES ARE NOT TO BE PLACED UNDER THE CANOPY TREE AREAS OF ANY TREE.



DETAIL
2

LEVEL SPREADER SECTION DETAIL
NOT TO SCALE

NOT FOR CONSTRUCTION

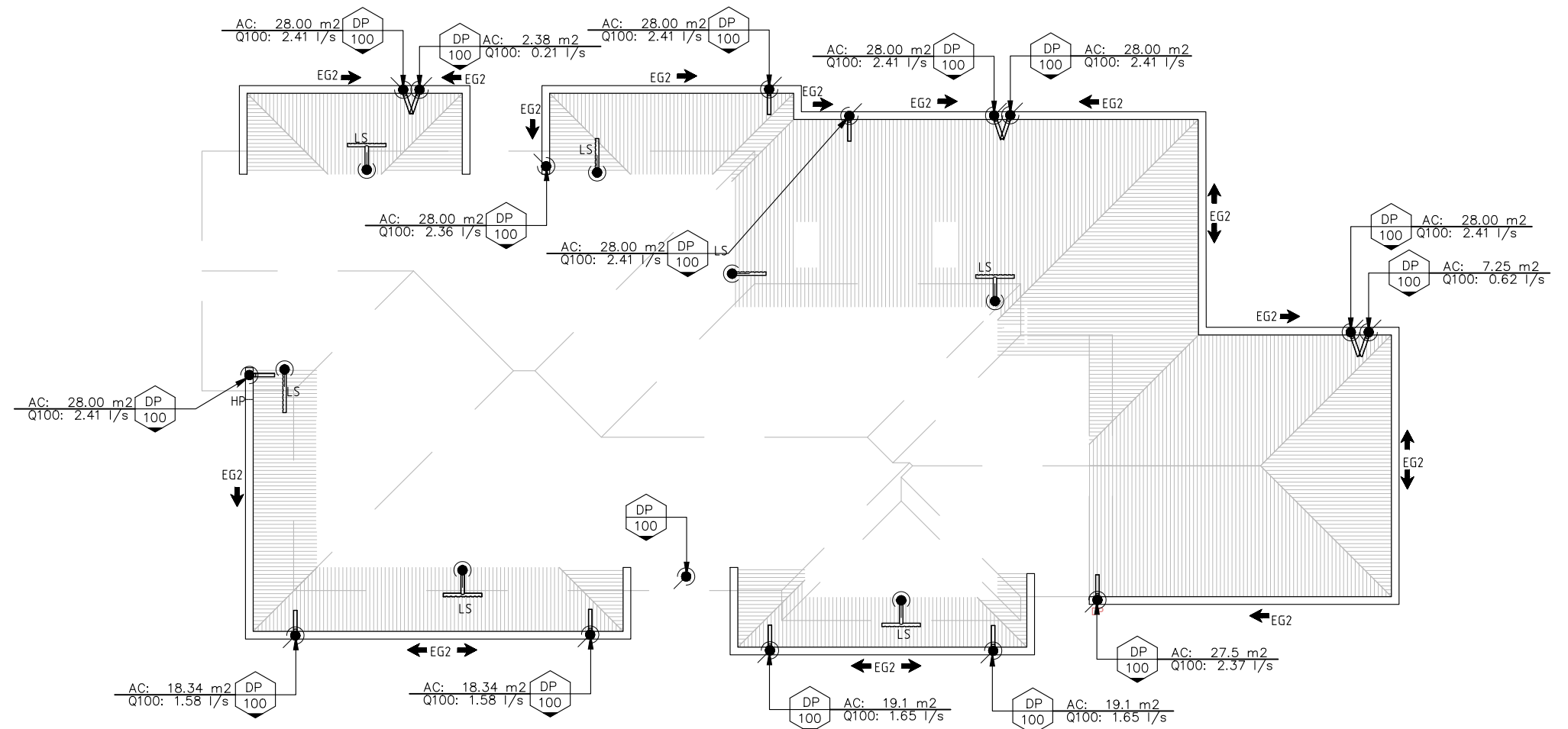
This drawing is confidential and shall only be used for the purposes of this project.					Scale AS NOTED DO NOT SCALE. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED		THE SIGNING OF THIS TITLE BLOCK CONFIRMS THE DESIGN AND DRAFTING OF THIS PROJECT HAVE BEEN PREPARED AND CHECKED IN ACCORDANCE WITH THE STELLEN QUALITY ASSURANCE SYSTEM				 Stellen Stellen Consulting ABN 61 149 095 189		This design complies with: AS3500.3:2018		57 HAY STREET, COLLAROY				
REVISIONS							DESIGNED	YYA	CHECKED	IRW					PIPE LAYOUT & LEVEL SPREADER DETAILS				
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	1	YYA	29/06/2020	APPROVED FOR DA SUBMISSION			IRW												
	0	YYA	26/05/2020	APPROVED FOR DA SUBMISSION			IRW												
No.	BY	DATE	DESCRIPTION		APPD					Size	A3	Status	APPROVED FOR DA SUBMISSION		Dwg No.	DR-001		Rev.	2

DP	-	DOWNPIPE
EG	-	EAVES GUTTER
LS	-	LEVEL SPREADER
Ac	-	PLAN CATCHMENT AREA EXCLUDING ROOF PITCH
Q100	-	100YR 5 MINUTE ARI FLOW RATE

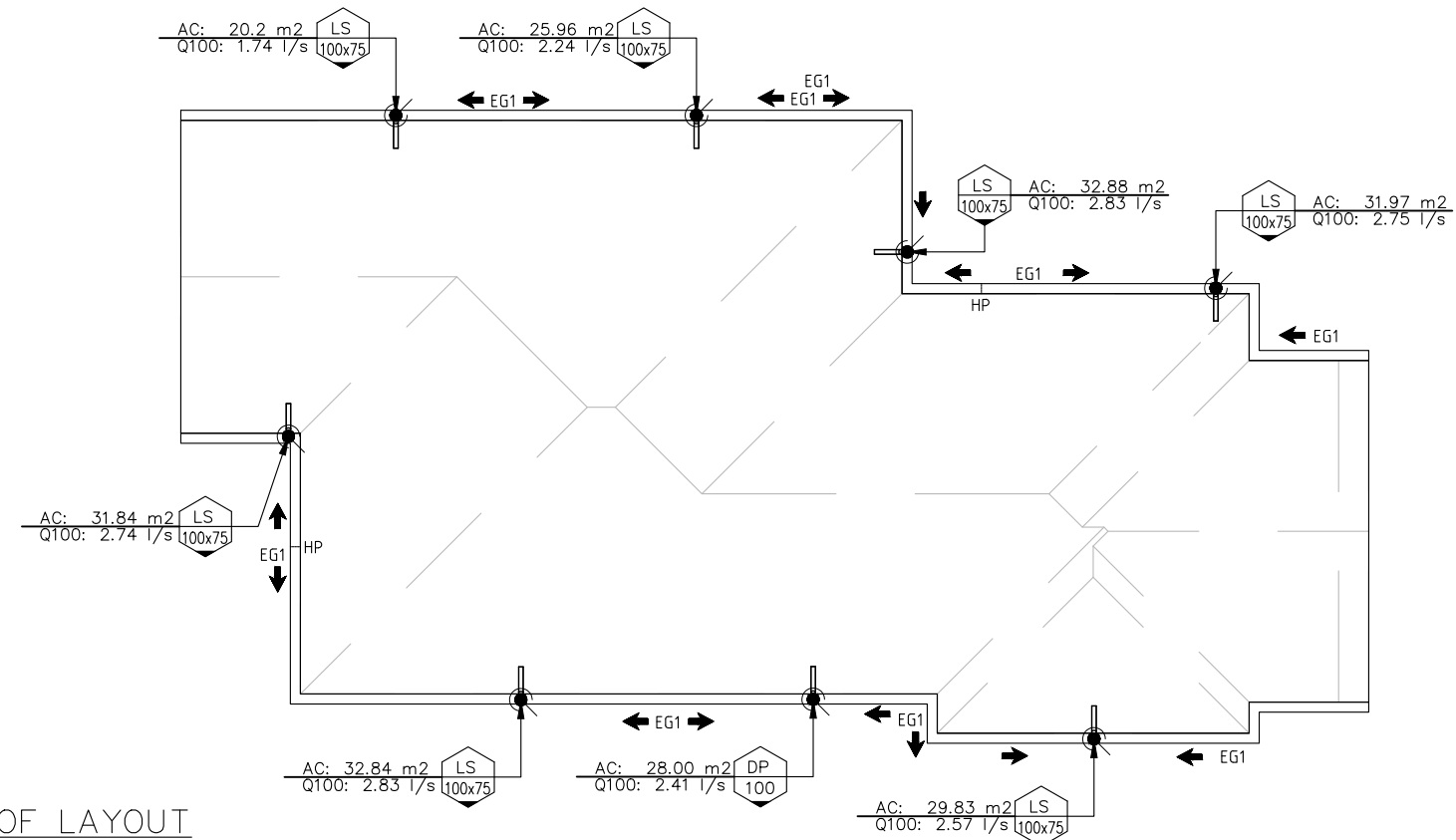
EAVE GUTTER DESIGNED TO ARI (20YR:258mm/hr)

EG1	-	MIN CSA	14,700	mm ²
EG2	-	MIN CSA	8,300	mm ²

	DOWNPIPE TYPE AND DIAMETER
	DIRECTION OF FALL
	LEVEL SPREADER



LOWER ROOF

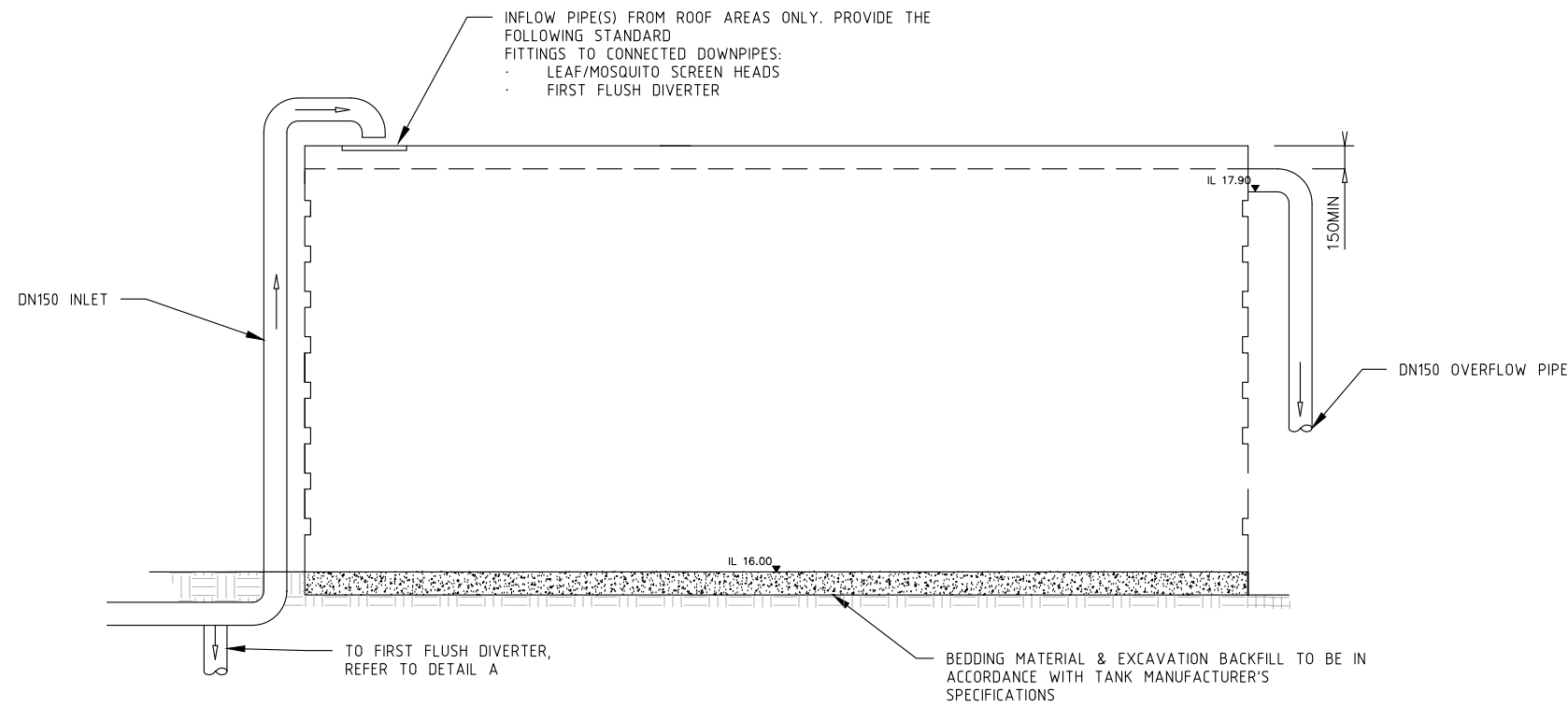


UPPER ROOF

PLAN
2

NOT FOR CONSTRUCTION

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2	YYA	01/07/2020	APPROVED FOR DA SUBMISSION	IRW													
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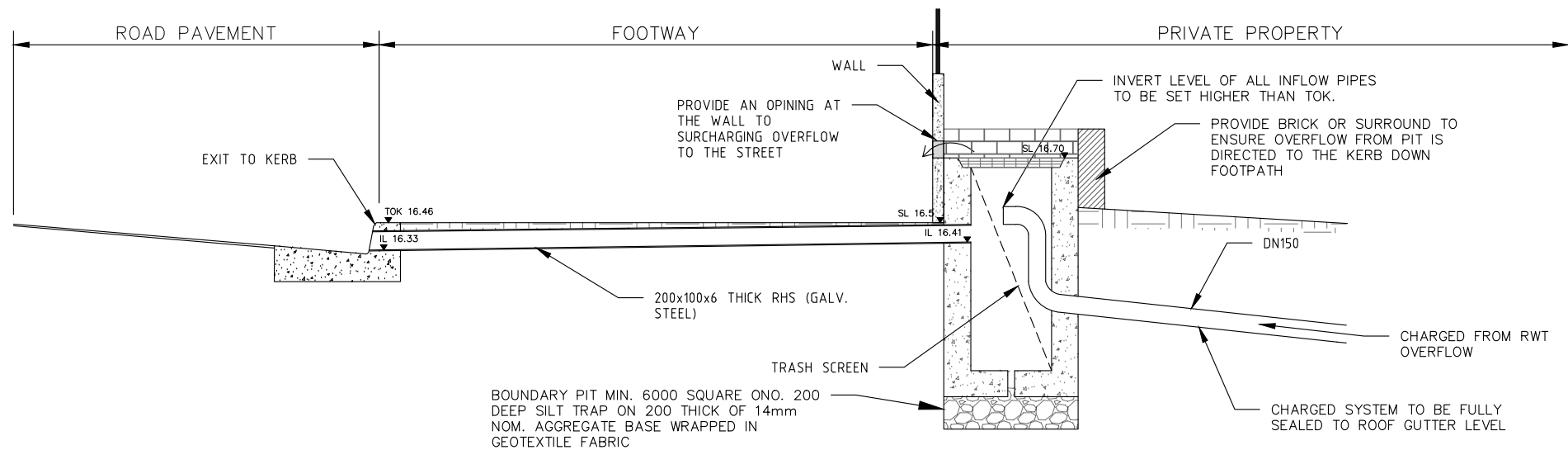
DETAIL 3

TYPICAL RAINWATER REUSE TANK ELEVATION

NOT TO SCALE

NOTES:

1. RAINWATER TANK TO BE AT LEAST 3000 LITRES.
2. RAINWATER TANK MUST MEET, AND BE INSTALLED IN ACCORDANCE WITH, THE REQUIREMENTS OF ALL APPLICABLE REGULATORY AUTHORITIES.
3. THE APPLICANT MUST CONFIGURE THE RAINWATER TANK TO COLLECT RAINWATER RUNOFF FROM AT LEAST 400 SQUARE METRES OF ROOF AREA.
4. THE APPLICANT MUST CONNECT THE RAINWATER TANK TO
 - 4.1. ALL TOILETS IN THE DEVELOPMENT
 - 4.2. THE COLD WATER TAP THAT SUPPLIES EACH CLOTHES WASHER IN THE DEVELOPMENT
 - 4.3. AT LEAST ONE OUTDOOR TAP IN THE DEVELOPMENT



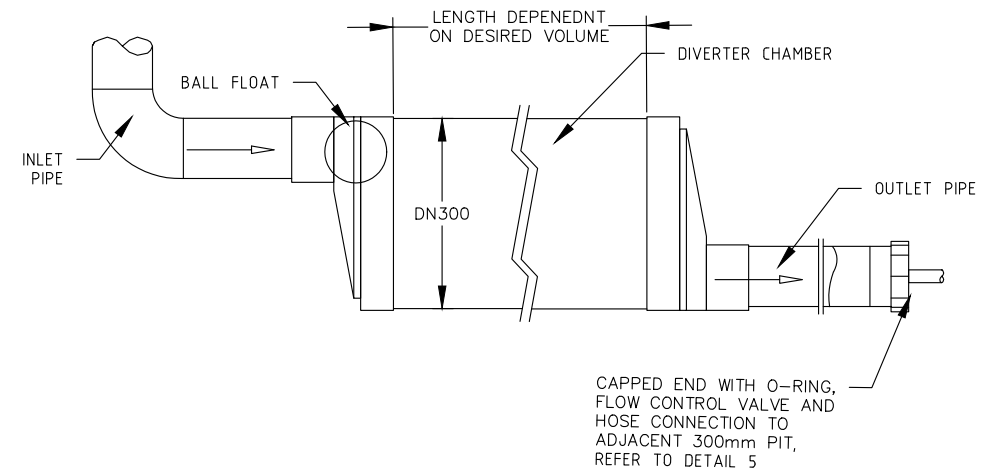
DETAIL 4

600 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
3. 20DIA AT 150 SPACING AT BASE OF SUMP. BEDDING TO BE 100 THICK SAND/GRAVEL MATERIAL.



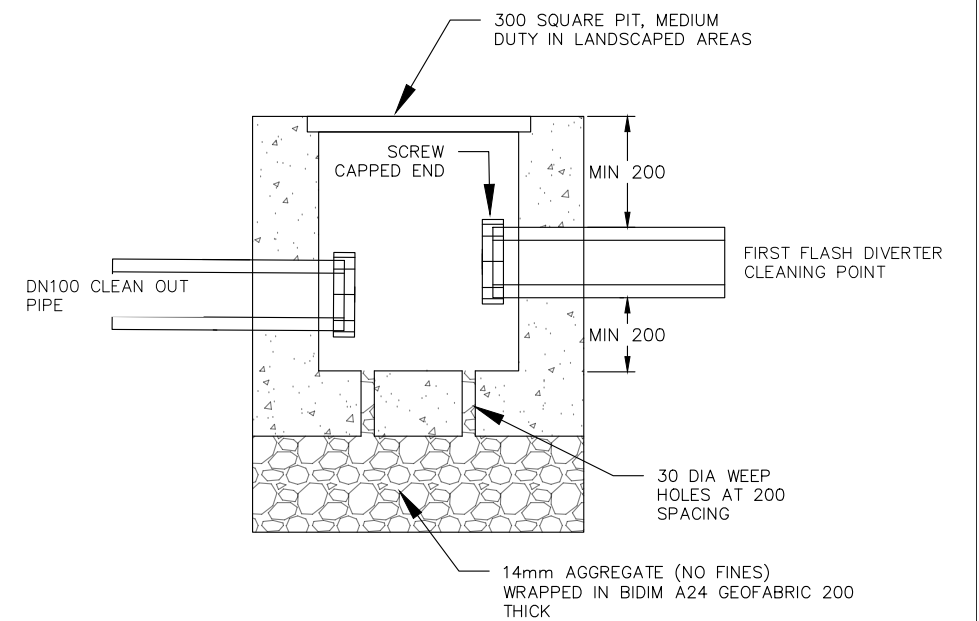
DETAIL A

IN GROUND FIRST FLUSH DIVERTER

NOT TO SCALE

NOTES:

1. INSTALL WITH MINIMUM 5 DEGREE SLOPE.
2. DIVERTER VOLUME TO BE MIN 195L (2.7m of DN 300).



DETAIL 5

CLEAN-OUT PIT

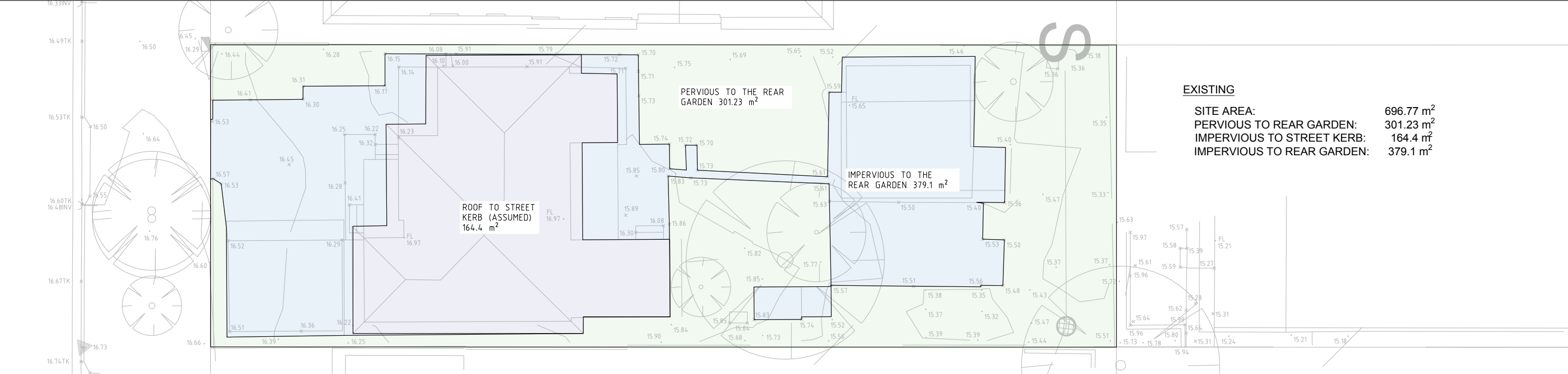
NOT TO SCALE

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REVISIONS						DESIGNED	YYA	CHECKED	IRW		DETAILS							
						DRAWN	YYA	CHECKED	IRW									
						APPROVED	IRW	DATE	26/06/2020									
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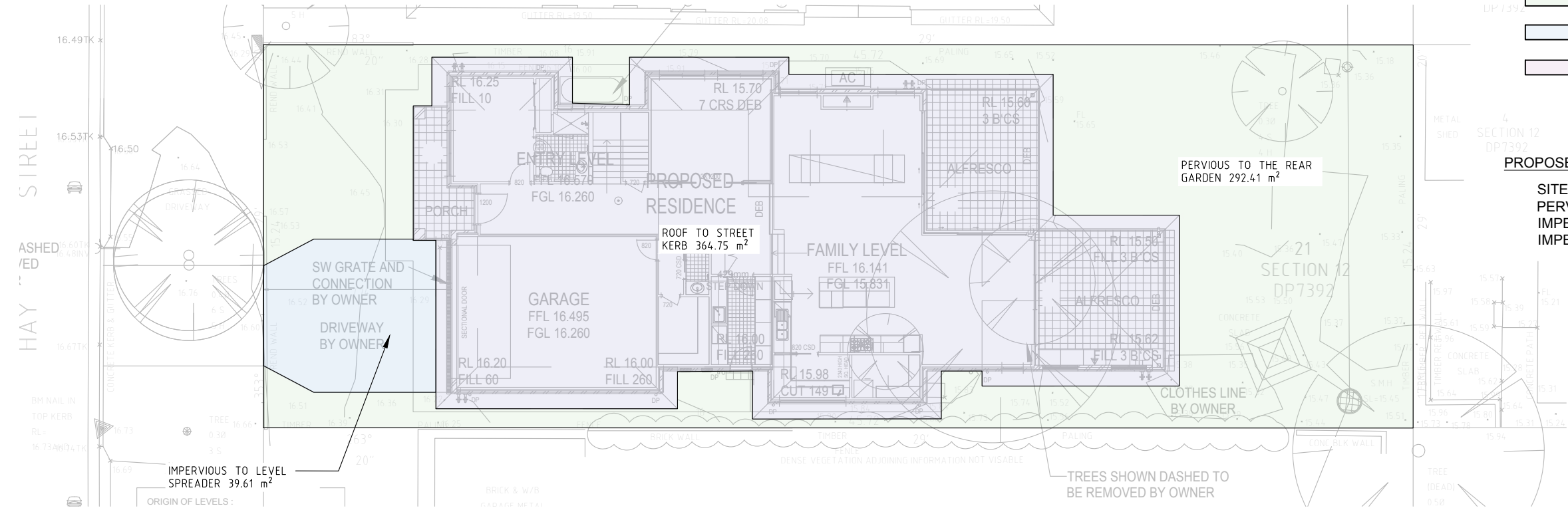
EXISTING

SITE AREA:	696.77 m ²
PERVIOUS TO REAR GARDEN:	301.23 m ²
IMPERVIOUS TO STREET KERB:	164.4 m ²
IMPERVIOUS TO REAR GARDEN:	379.1 m ²

PLAN 4
SITE AREAS – EXISTING
1:200

LEGEND

[Green Box]	PERVIOUS
[Blue Box]	IMPERVIOUS TO STREET
[Purple Box]	IMPERVIOUS TO REAR GARDEN



PROPOSED

SITE AREA:	696.77 m ²
PERVIOUS TO REAR GARDEN:	292.41 m ²
IMPERVIOUS TO STREET KERB:	364.75 m ²
IMPERVIOUS TO LEVEL SPREADER:	39.61 m ²

PLAN 5
SITE AREAS – PROPOSED
1:200

NOT FOR CONSTRUCTION

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