



LEGEND

(EXISTING)

ROAD: ---

WATER: -w-w-

POWER: -p-p-

GAS: -g-g-

SEWER: -s-s-

DRAINAGE: -d-d-

TELSTRA: -t-t-

CONTOURS: 99.99

(PROPOSED)

DRAINAGE LINE WITH DIRECTION OF FALL: —>—

FOOTPATH: [Pattern]

PAVEMENT: [Pattern]

CROSSOVER: [Pattern]

RETAINING WALL: [Pattern]

PILLAR EXCLUSION ZONE: [Symbol]

CATCHMENT AREAS: [Symbol]

CATCHMENT LABEL: 01

Ø1800 SOAKWELL: [Symbol]

Ø1800 SOAKWELL WITH GRATE: [Symbol]

ROCLA 600 x 600 RKO STORM PIT: [Symbol]

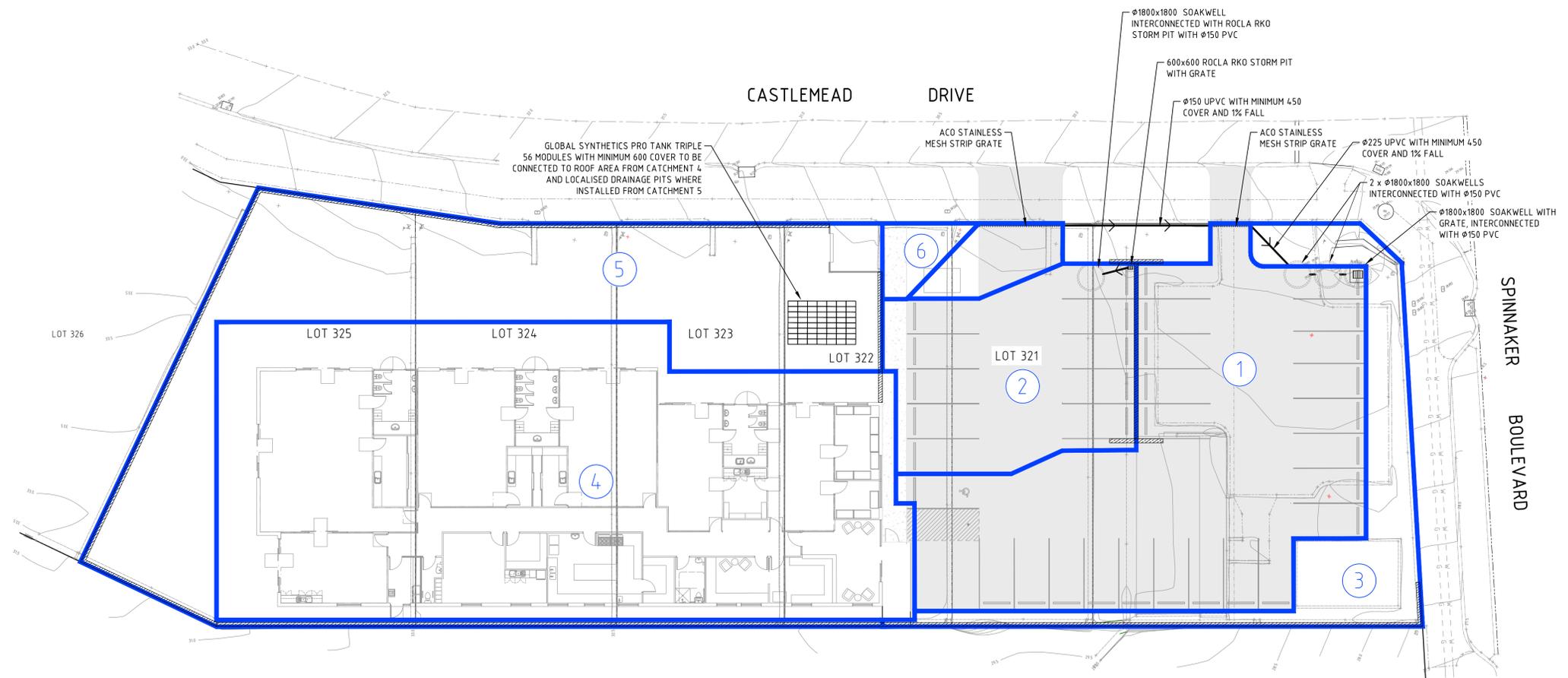
GLOBAL SYNTHETICS PRO TANK TRIPLE MODULE: [Symbol]

ACO STAINLESS 300 MESH STRIP GRATE: [Symbol]

- NOTES:**
1. THIS PLAN IS FOR D.A. PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 2. INFILTRATION RATES FOR PRO TANKS AND SOAKWELLS ARE BASED ON 10m/DAY
 3. THE STORMWATER MEASURE ON THIS SITE CONTAIN A 10% AEP AND LIMIT THE OUTFLOW TO BELOW A PREDEVELOPED FLOW RATE OF 38L/s FOR 1% AEP. PLEASE REFER TO DRAINS CALCULATIONS SHEET FOR DETAILS AND RESULTS.

CATCHMENT TABLE

CATCHMENT NUMBER	AREA (m ²)	FRACTION IMPERVIOUS %
1	606	100
2	249	100
3	193	0
4	1073	100
5	602	0
6	25	38

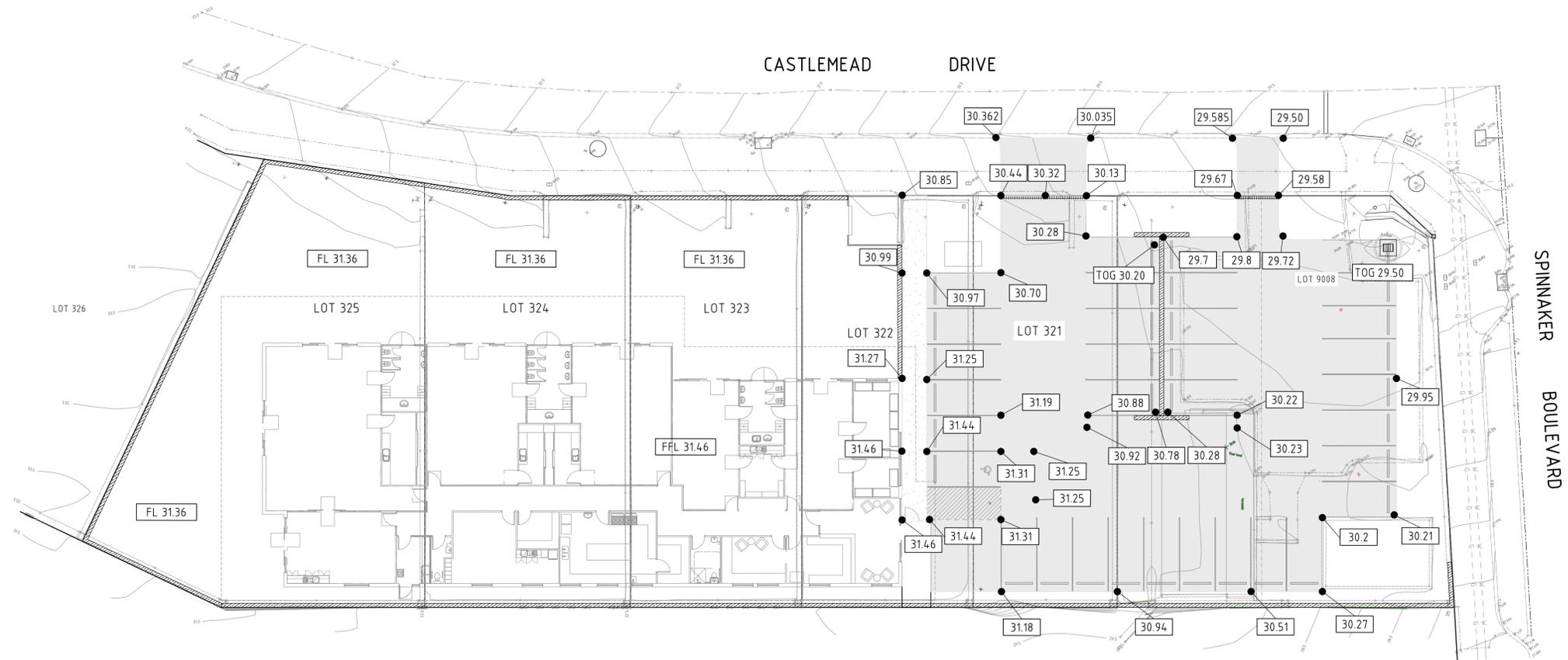


<p>REVISION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DESIGN</th> <th>DRAWN</th> <th>CHECKED</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>FOR DEVELOPMENT APPLICATION APPROVAL</td> <td>RS</td> <td>AD</td> <td>RS</td> <td>16.12.2020</td> </tr> </tbody> </table>				NO.	DESCRIPTION	DESIGN	DRAWN	CHECKED	DATE	1	FOR DEVELOPMENT APPLICATION APPROVAL	RS	AD	RS	16.12.2020	<p>SURVEY METADATA</p> <p>HORIZONTAL: _____</p> <p>VERTICAL: _____</p> <p>DATE OF CAPTURE: _____</p> <p>WAPC REFERENCE: _____</p>				<p><small>COPYRIGHT OF ALL THIS DRAWING IS RESERVED BY THE CONSULTANT. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING OR DRAWINGS RELATING TO THE PROJECT FOR ACCURATE COORDINATION OF SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE CHECKING ALL DIMENSIONS BEFORE PREPARATION OF WORKING DRAWINGS OR COMMENCEMENT OF WORK. THIS DRAWING IS THE PROPERTY OF THE CONSULTANT AND SHALL BE RETURNED UPON REQUEST.</small></p>				<p>McDowall Affleck CONSULTING ENGINEERS PROJECT MANAGERS <i>Responsive. Reliable. Results.</i></p>		<p>CLIENT: LEYTON PROPERTY</p>		<p>PROJECT: PROPOSED DEVELOPMENT EARLY LEARNING CENTRE CASTLEMEAD DRIVE, YANCHEP</p>		<p>TITLE: STORMWATER MANAGEMENT CATCHMENT AND DRAINAGE PLAN</p>		<p>SHEET SIZE: A1</p>	
NO.	DESCRIPTION	DESIGN	DRAWN	CHECKED	DATE																												
1	FOR DEVELOPMENT APPLICATION APPROVAL	RS	AD	RS	16.12.2020																												
<p>SCALE: 1:200</p>										<p>DRAWING NUMBER: 16581-CI-D01</p>		<p>REVISION: A</p>																					

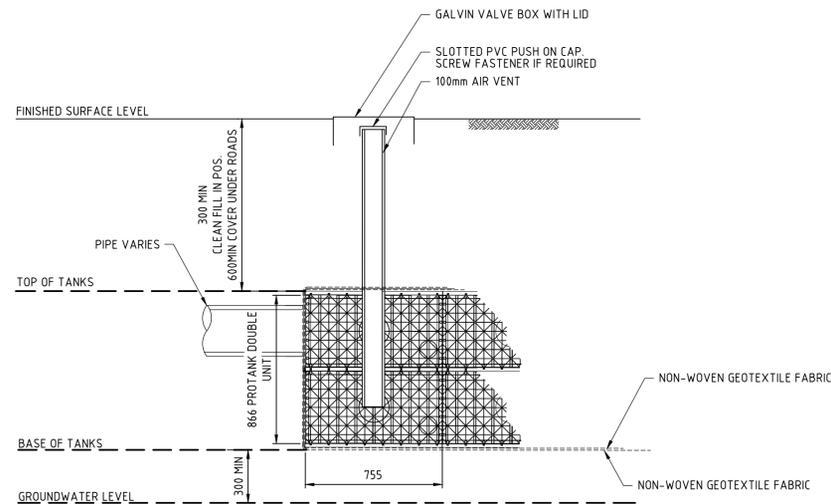


LEGEND	
(EXISTING)	
ROAD	---
WATER	---W---W---
POWER	---P---P---
GAS	---G---G---
SEWER	---S---S---
DRAINAGE	---D---D---
TELSTRA	---T---T---
CONTOURS	99.99
(PROPOSED)	
FOOTPATH	[Pattern]
PAVEMENT	[Pattern]
CROSSOVER - TO CITY OF WANNEROO STANDARDS	[Pattern]
RETAINING WALL (HEIGHT VARIES)	[Pattern]
PILLAR EXCLUSION ZONE	[Symbol]
PROPOSED LOT LEVEL	[FL 31.36]
FINISHED FLOOR LEVEL	[FFL 31.46]
TOP OF GRATE LEVEL	[TOG 29.50]
Ø1800 SOAKWELL WITH GRATE	[Symbol]
ROCLA 600 x 600 RKO STORM PIT	[Symbol]
ACO STAINLESS 300 MESH STRIP GRATE WITH HEEL GUARD - CLASS D	[Symbol]

NOTES:
 1. THIS PLAN IS FOR D.A PURPOSES ONLY AND NOT FOR CONSTRUCTION.

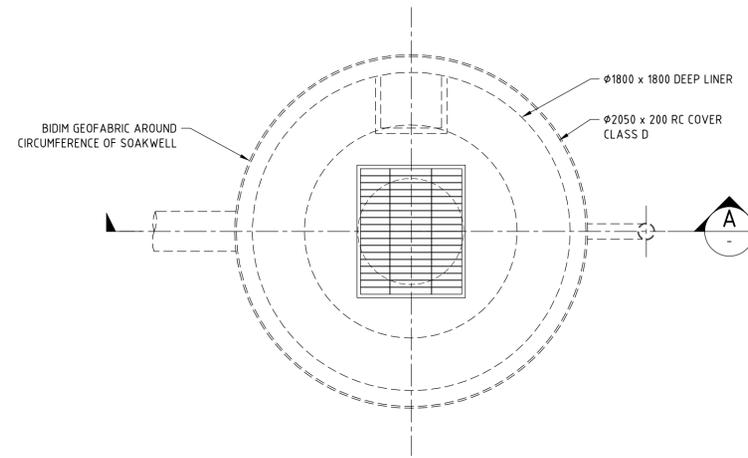


REVISION		DESCRIPTION		RS	AD	RS	16.12.2020	McDowall Affleck CONSULTING ENGINEERS PROJECT MANAGERS Responsive. Reliable. Results.		CLIENT: LEYTON PROPERTY		PROJECT: PROPOSED DEVELOPMENT EARLY LEARNING CENTRE CASTLEMEAD DRIVE, YANCHEP		TITLE: STORMWATER MANAGEMENT LEVELS PLAN		SHEET SIZE: A1	
A	FOR DEVELOPMENT APPLICATION APPROVAL			RS	AD	RS	16.12.2020	SURVEY METADATA HORIZONTAL: VERTICAL: DATE OF CAPTURE: WAPC REFERENCE:		COPYRIGHT OF ALL THIS DRAWING IS RESERVED BY THE CONSULTANT. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING OR DRAWINGS RELATING TO THE PROJECT FOR ACCURATE COORDINATION OF SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE CHECKING ALL DIMENSIONS BEFORE PREPARATION OF WORKING DRAWINGS OR COMMENCEMENT OF WORK. THIS DRAWING IS THE PROPERTY OF THE CONSULTANT AND SHALL BE RETURNED UPON REQUEST.		SCALE: 1:100 DRAWING NUMBER: 16581-CI-D02		REVISION: A			

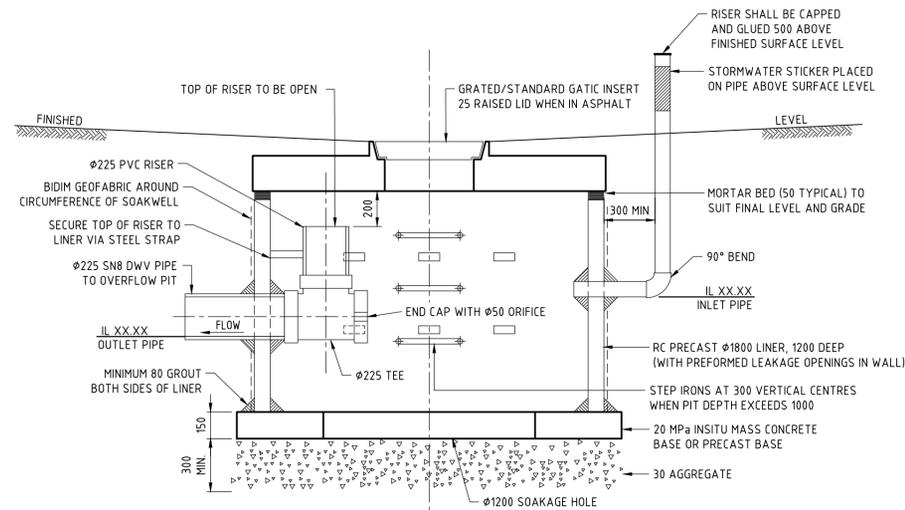


TYPICAL PROTANK RETENTION TANK DETAIL

SCALE 1:20



SOAKWELL PLAN



SECTION A-A

SCALE 1:20



REVISION		DESCRIPTION		RS	AD	RS	16.12.2020	SURVEY METADATA		HORIZONTAL : VERTICAL : DATE OF CAPTURE : WAPC REFERENCE :	COPYRIGHT OF ALL THIS DRAWING IS RESERVED BY THE CONSULTANT. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWING OR DRAWINGS RELATING TO THE PROJECT FOR ACCURATE COORDINATION OF SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE CHECKING ALL DIMENSIONS BEFORE PREPARATION OF WORKING DRAWINGS OR COMMENCEMENT OF WORK. THIS DRAWING IS THE PROPERTY OF THE CONSULTANT AND SHALL BE RETURNED UPON REQUEST.	McDowall Affleck CONSULTING ENGINEERS PROJECT MANAGERS Responsive. Reliable. Results.		CLIENT :	PROJECT :	TITLE :	SHEET SIZE :
FOR DEVELOPMENT APPLICATION APPROVAL		DESIGN	DRAWN	CHECKED	DATE	LEYTON PROPERTY	PROPOSED DEVELOPMENT EARLY LEARNING CENTRE CASTLEMEAD DRIVE, YANCHEP	DRAINAGE DETAILS	A1								
								SCALE :	DRAWING NUMBER :	REVISION :							
								AS SHOWN	16581-CI-D03	A							