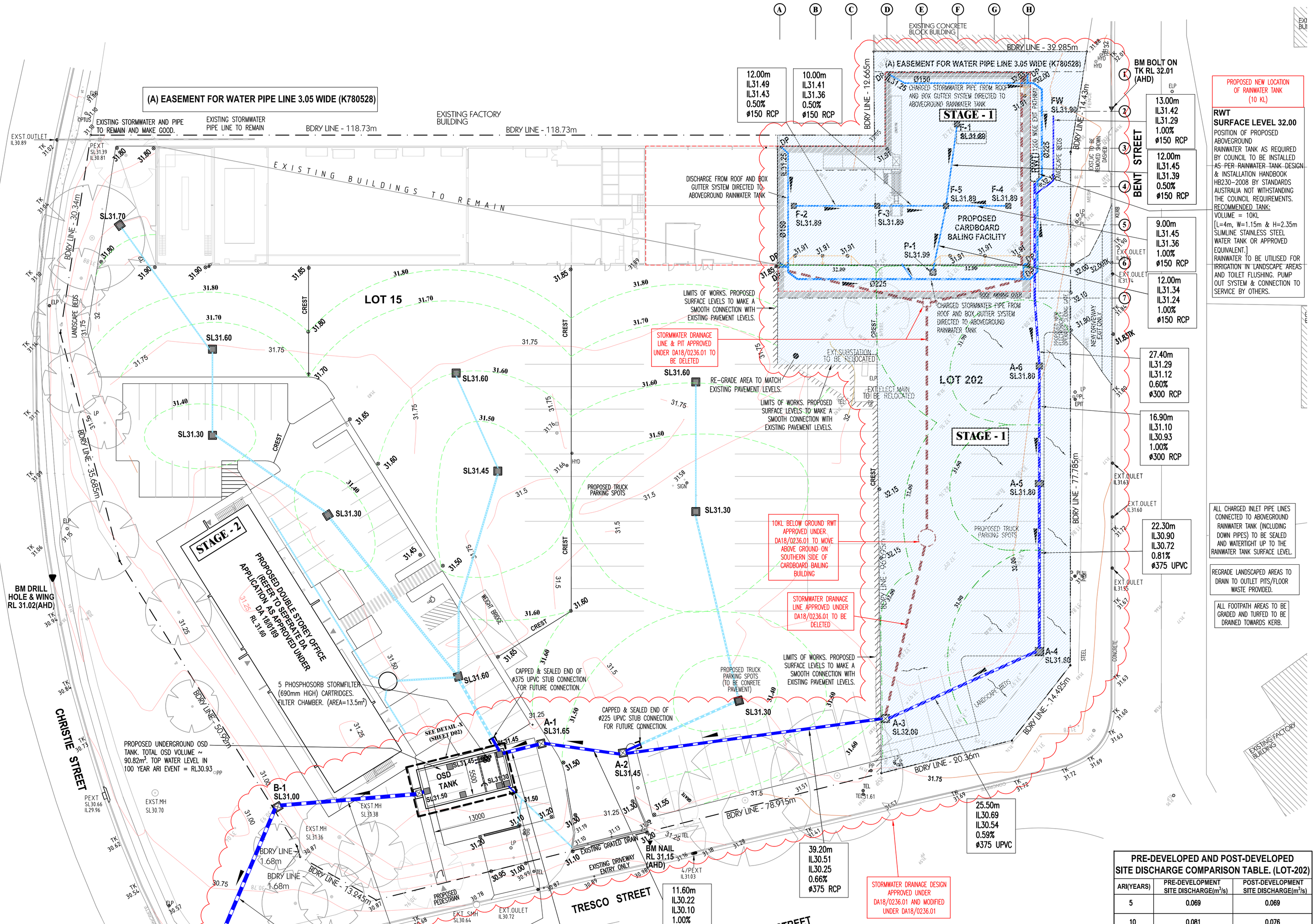
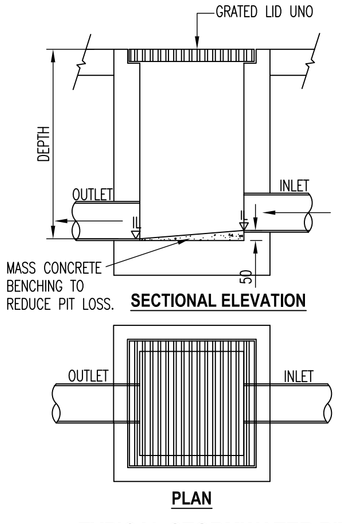


STORMWATER DRAINAGE CONCEPT PLAN

1:300

LEGEND:

- ???? EXISTING CONTOUR
- ???? PROPOSED CONTOUR
- ???? PROPOSED CONTOUR (REFER TO SEPERATE APPLICATION) AS APPROVED UNDER DA 18/0189
- ⊗ ???? PROPOSED DESIGN LEVEL
- × ???? EXISTING LEVEL
- FFL FINISHED FLOOR LEVEL
- SL SURFACE LEVEL OF PIT
- IL INVERT LEVEL
- RL REDUCED LEVEL
- CK CONCRETE KERB
- RW RETAINING WALL
- AHD AUSTRALIAN HEIGHT DATUM
- BM BENCH MARK
- TK TOP OF KERB
- WM WATER METER
- PP POWER POLE
- IP INSPECTION POINT
- TEL TELSTRA
- OL STORMWATER OUTLET
- LP LIGHT POLE
- MH MANHOLE
- HYD HYDRANT
- W WATER
- EPIT ELECTRICITY PIT
- EM ELECTRICITY METER BOX
- ELP ELECTRIC LIGHT POLE
- SMH SEWER MAN HOLE
- OPTUS OPTUS PIT
- MH MAN HOLE
- P1,P2.... PITS OR SIMILAR
- DP DOWN PIPES
- PROPOSED STORMWATER PIPE LINE
- PROPOSED STORMWATER PIPE LINE (REFER TO SEPERATE APPLICATION) AS APPROVED UNDER DA 18/0189
- EXISTING STORMWATER PIPE LINE
- EXST. STORMWATER DRAINAGE PIT WITH CONCRETE LID
- EXST. STORMWATER DRAINAGE PIT WITH GRATE
- PROP. STORMWATER DRAINAGE PIT WITH CONCRETE LID
- PROP. STORMWATER DRAINAGE PIT WITH GRATE
- ????(m) STORMWATER PIPE LENGTH
- IL???(m) STORMWATER PIPE UPSTREAM INVERT LEVEL
- IL???(m) STORMWATER PIPE DOWNSTREAM INVERT LEVEL
- ?????% STORMWATER PIPE SLOPE
- ø???(mm) STORMWATER PIPE DIAMETER



TYPICAL STORMWATER PIT
NTS

PRE-DEVELOPED AND POST-DEVELOPED SITE DISCHARGE COMPARISON TABLE. (LOT-202)

ARI(YEARS)	PRE-DEVELOPMENT SITE DISCHARGE(m^3/s)	POST-DEVELOPMENT SITE DISCHARGE(m^3/s)
5	0.069	0.069
10	0.081	0.076
20	0.105	0.083
100	0.145	0.114

UNDERGROUND OSD TANK STORAGE/ WATER LEVEL TABLE (LOT-202)

ARI(YEARS)	STORAGE(m^3)	WATER LEVEL(RL 0.0m)
5	27.50	29.97
10	32.12	30.04
20	62.59	30.50
100	90.82	30.93

Issue	Description	Date	Drawn	Issued
A	FOR DA	05.03.18	IM	LA
B	REISSUED FOR DA	08.03.18	IM	LA
C	RE-ISSUED TO SECTION '4.55	19.07.19	GP	DW
D	PLANS UPDATED & RE-ISSUED FOR SECTION'96	19.09.19	GP	DW
E	AMENDED & RE-ISSUED FOR SECTION'96	23.09.19	GP	DW
F	AMENDED & RE-ISSUED FOR SECTION'96	26.09.19	GP	DW
G	AMENDED FOR MODIFICATION APPLICATION	29.04.20	GP	LA

DRAINAGE CONCEPT NOTES

1. DRAINAGE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ASSOCIATED ARCHITECTURAL DRAWINGS.
2. THIS CONCEPT PLAN SHALL BE USED FOR COUNCIL EVALUATION ONLY AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
3. FINAL DESIGN OF THE STORMWATER DRAINAGE SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE COUNCIL AND OTHER RELEVANT AUSTRALIAN STANDARDS.

SURVEY

LEVELS ARE TO AHD AND ARE TAKEN FROM DRAWING No.17143 PREPARED BY NEW WAY SURVEYING CONSULTANTS.

Certify:

ALGORRY ZAPPIA & ASSOCIATES PTY. LTD
Building Designers & Consulting Civil & Structural Engineers
a Suite 4, Level 1, 84 Bathurst Street, Liverpool, NSW 2170
P.O. Box 825, Liverpool Business Centre, NSW 1871
t 9602 3133 / 9602 0303 f 9601 6903
e admin@algorryzappia.com.au
w www.algorryzappia.com.au
ABN 43 064 952 692

Project
PROPOSED CARDBOARD BALING FACILITY DEVELOPMENT
LOT.15 & LOT.202 CHRISTIE ST, TRESCO ST & BENT ST ST MARYS

Client
REMONDIS AUSTRALIA PTY LTD

Title
STORMWATER DRAINAGE CONCEPT PLAN

Drawn	Checked	Date
IM	LA	MARCH 2018
Activity Type: DA	Job # 2047-17	Scale @ A1 AS SHOWN
Project # P3932	Sheet No.: D01	Issue G

Document Set ID: 9154269
Version: 1, Version Date: 27/05/2020