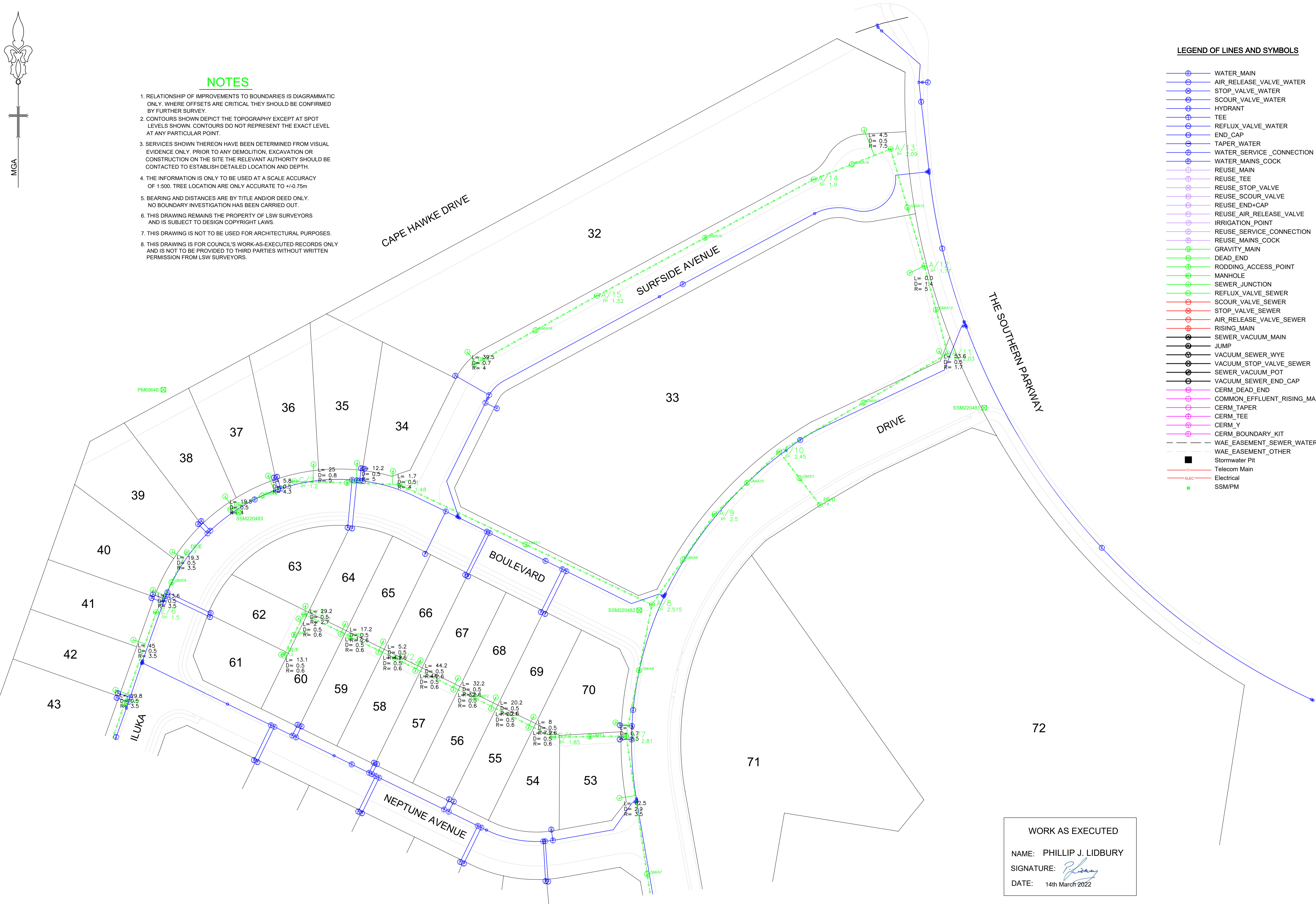


NOTES

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LEGEND OF LINES AND SYMBOLS

- WATER MAIN
- AIR_RELEASE_VALVE_WATER
- STOP_VALVE_WATER
- SCOUR_VALVE_WATER
- HYDRANT
- TEE
- REFLUX_VALVE_WATER
- END_CAP
- TAPER_WATER
- WATER_SERVICE_CONNECTION
- WATER_MAINS_COCK
- REUSE_MAIN
- REUSE_TEE
- REUSE_STOP_VALVE
- REUSE_SCOUR_VALVE
- REUSE_END+CAP
- REUSE_AIR_RELEASE_VALVE
- IRRIGATION_POINT
- REUSE_SERVICE_CONNECTION
- REUSE_MAINS_COCK
- GRAVITY_MAIN
- DEAD_END
- RODDING_ACCESS_POINT
- MANHOLE
- SEWER_JUNCTION
- REFLUX_VALVE_SEWER
- SCOUR_VALVE_SEWER
- STOP_VALVE_SEWER
- AIR_RELEASE_VALVE_SEWER
- RISING_MAIN
- SEWER_VACUUM_MAIN
- JUMP
- VACUUM_SEWER_WYE
- VACUUM_STOP_VALVE_SEWER
- SEWER_VACUUM_POT
- VACUUM_SEWER_END_CAP
- CERM_DEAD_END
- COMMON_EFFLUENT_RISING_MAIN
- CERM_TAPER
- CERM_TEE
- CERM_Y
- CERM_BOUNDARY_KIT
- WAE_EASEMENT_SEWER_WATER
- WAE_EASEMENT_OTHER
- Stormwater Pit
- Telecom Main
- Electrical
- SSM/PM

WORK AS EXECUTED
 NAME: PHILLIP J. LIDBURY
 SIGNATURE: *[Signature]*
 DATE: 14th March 2022

NOTE: The contractor shall check and verify all works on site (including works by others) before commencing any works. All discrepancies are to be reported to the Project Manager or LSW Surveyors prior to commencing work. Do not scale dimensions from the plan. All dimensions to be confirmed by dimensions from the plan. All dimensions to be confirmed by LSW Surveyors.

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HORIZONTAL
 CO-ORDINATE SYSTEM: MGA LOCAL
 MARKS ADOPTED: PM69646
 EAST: NORTH
 PLOT FILE/DWG No.: F:\D5325\5325WAE\STAGE1A\5325WAE_W&S_1A.dwg

VERTICAL
 DATUM: AHD
 BENCHMARK: PM69646
 R.L.: 11.793
 DRAWN/CHECKED: RL

WORK AS EXECUTED
WATER & SEWER RETICULATION
STAGE 1A "SUMMER GREEN"
LOT 303 DP1099114
CAPE HAWKE DRIVE, FORSTER

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 SURVEYORS, PLANNERS & ENGINEERS

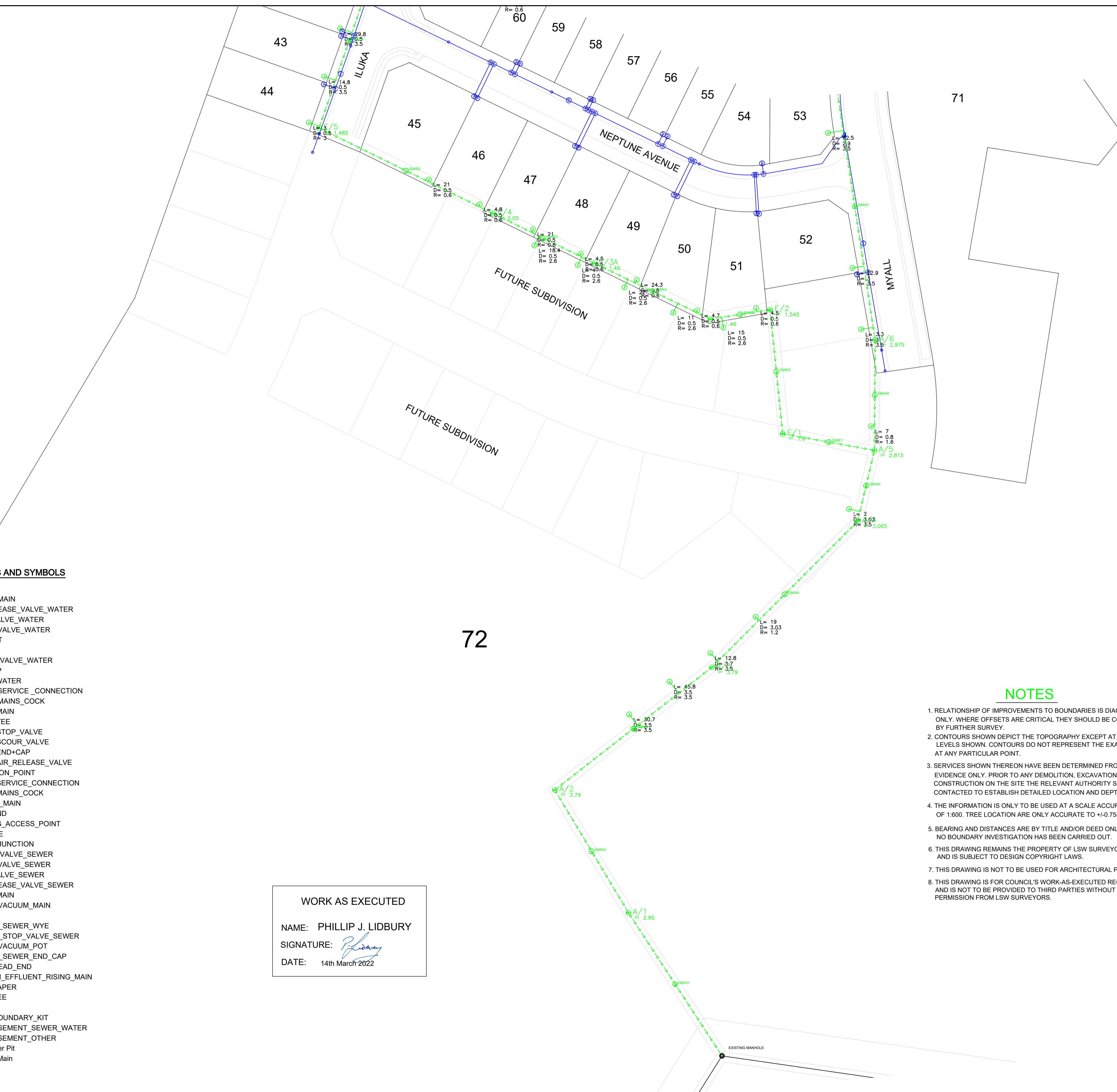
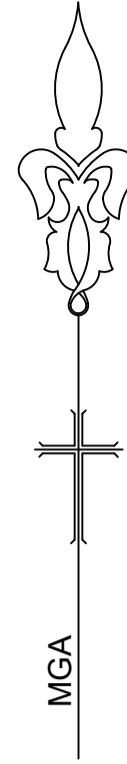
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 PO BOX 510 FORSTER NSW 2428
 PH: (02) 6554 7988
 EMAIL: consult@lswsurveyors.com.au
 WEBSITE: www.lswsurveyors.com.au

SCALES
 HORIZONTAL: 1:500
 VERTICAL: N/A
 SHEET SIZE: A1
 FIELD SHEETS
 Date of survey: 10/03/22

COUNCIL: MID-COAST
 DA NUMBER: DA2016/1105
 DATE: 14/03/22

SHEET 1 OF 7
 FILE No.: 5325

ISSUE	DATE	COMMENTS
A	14/03/22	FIRST ISSUE



LEGEND OF LINES AND SYMBOLS

- WATER_MAIN
- AIR_RELEASE_VALVE_WATER
- STOP_VALVE_WATER
- SCOUR_VALVE_WATER
- HYDRANT
- TEE
- REFLUX_VALVE_WATER
- END_CAP
- TAPER_WATER
- WATER_SERVICE_CONNECTION
- WATER_MAINS_COCK
- REUSE_MAIN
- REUSE_TEE
- REUSE_STOP_VALVE
- REUSE_SCOUR_VALVE
- REUSE_END+CAP
- REUSE_AIR_RELEASE_VALVE
- IRRIGATION_POINT
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- SCOUR_VALVE_SEWER
- STOP_VALVE_SEWER
- AIR_RELEASE_VALVE_SEWER
- RISING_MAIN
- SEWER_VACUUM_MAIN
- JUMP
- VACUUM_SEWER_WYE
- VACUUM_STOP_VALVE_SEWER
- SEWER_VACUUM_POT
- VACUUM_SEWER_END_CAP
- CERM_DEAD_END
- COMMON_EFFLUENT_RISING_MAIN
- CERM_TAPER
- CERM_TEE
- CERM_Y
- CERM_BOUNDARY_KIT
- WAE_EASEMENT_SEWER_WATER
- WAE_EASEMENT_OTHER
- Stormwater Pit
- Telecom Main
- Electrical
- SSM/PM

WORK AS EXECUTED
 NAME: PHILLIP J. LIDBURY
 SIGNATURE:
 DATE: 14th March 2022

NOTES

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MARKS ADOPTED: PM69646	
EAST: NORTH:	
PLOT FILE/DWG No.: F:\D5325\6325WAE\STAGE1A\6325WAE_W&S_1A.dwg	

VERTICAL	DATUM: AHD
BENCHMARK: PM69646	
R.L.: 11.793	
DRAWN/CHECKED: RL	

WORK AS EXECUTED
WATER & SEWER RETICULATION
STAGE 1A "SUMMER GREEN"
LOT 303 DP1099114
CAPE HAWKE DRIVE, FORSTER



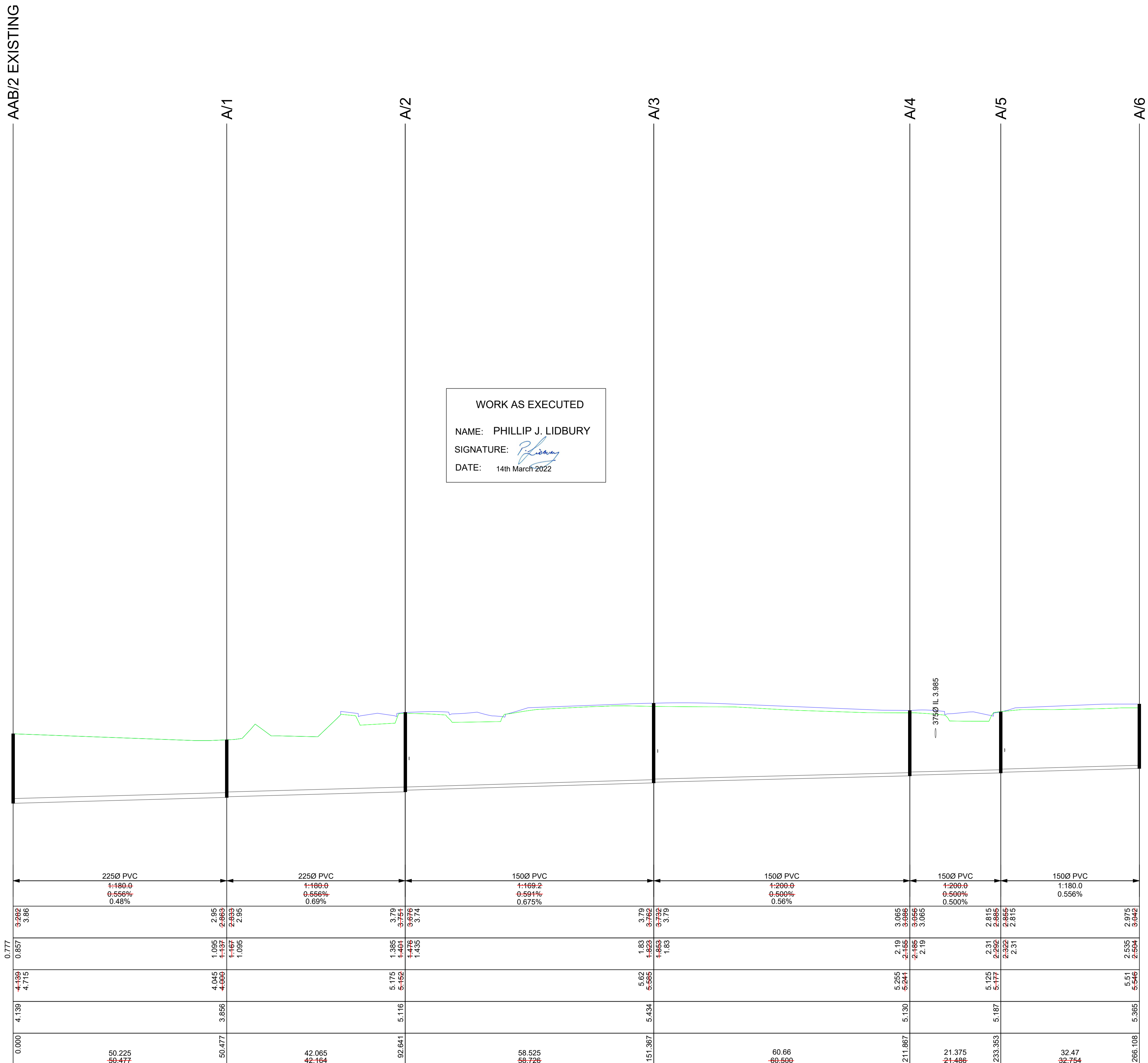
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 EMAIL: consult@lswsurveyors.com.au
 WEBSITE: www.lswsurveyors.com.au

SCALES	VERTICAL: 1:600
HORIZONTAL: N/A	
SHEET SIZE: A1	
FIELD SHEETS	Date of survey: 10/03/22

COUNCIL: MID-COAST	DA NUMBER: DA2016/1105
DATE: 14/03/22	FILE No.: 5325

SHEET 2 OF 7

ISSUE	DATE	COMMENTS
A	14/03/22	FIRST ISSUE



WORK AS EXECUTED
 NAME: PHILLIP J. LIDBURY
 SIGNATURE: *[Signature]*
 DATE: 14th March 2022

SEWER LINE A
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100

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CO-ORDINATE SYSTEM: MGA LOCAL
 MARKS ADOPTED: PM69646
 EAST: NORTH:
 PLOT FILE/DWG No.: F:\D5325\5325WAE\STAGE1A\5325WAE_W&S_1A.dwg

HORIZONTAL
 DATUM: AHD
 BENCHMARK: PM69646
 R.L.: 11.793
 DRAWN/CHECKED: RL

PROJECT
WORK AS EXECUTED
WATER & SEWER RETICULATION
STAGE 1A "SUMMER GREEN"
LOT 303 DP1099114
CAPE HAWKE DRIVE, FORSTER



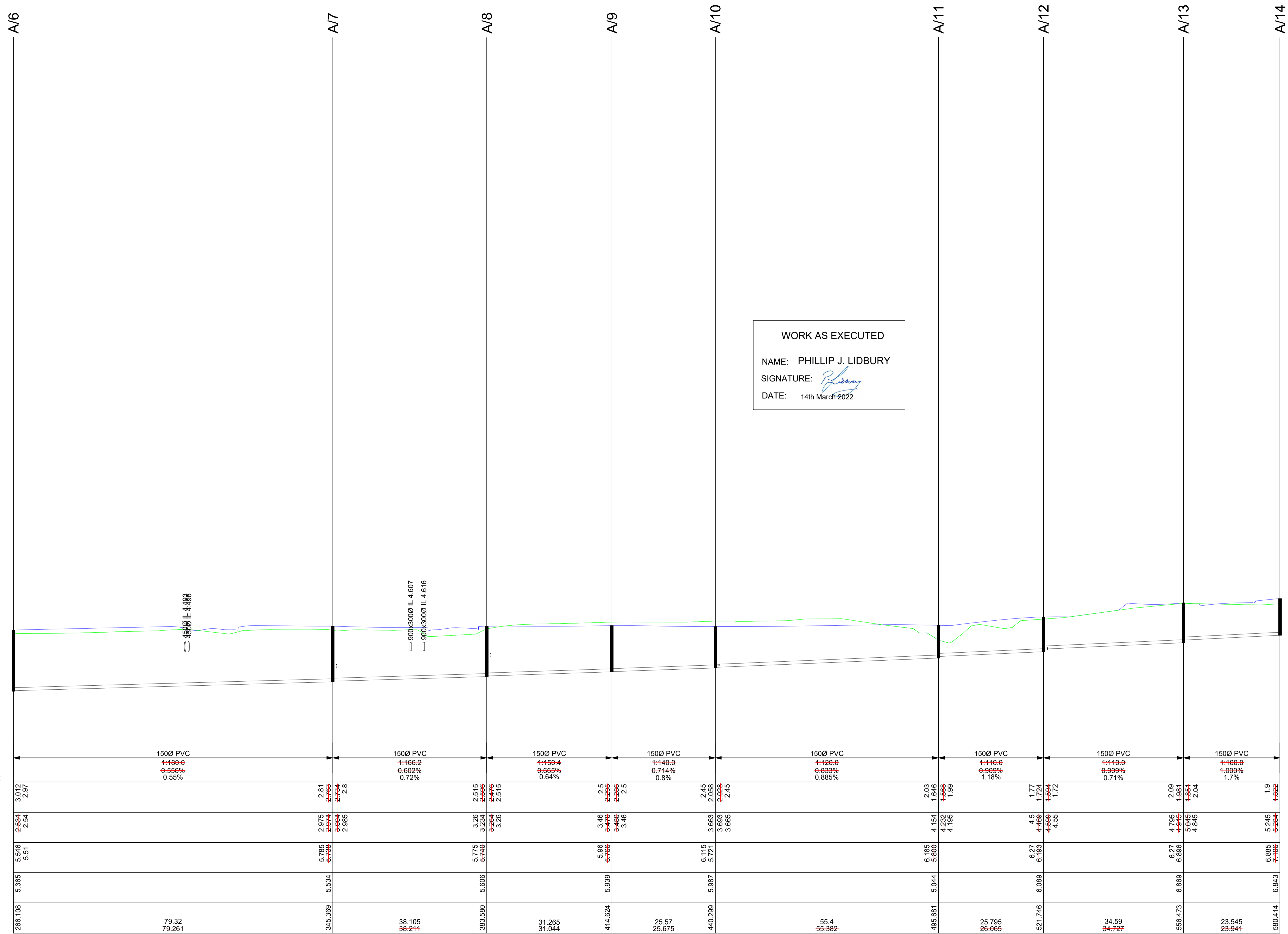
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 WEBSITE: www.lswsurveyors.com.au

SCALES
 HORIZONTAL: 1:500
 VERTICAL: 1:100
 SHEET SIZE: A1
 FIELD SHEETS
 Date of survey: 10/03/22

COUNCIL: MID-COAST
 DA NUMBER: DA2016/1105
 DATE: 14/03/22

SHEET 3 OF 7
 FILE No.: 5325

ISSUE	DATE	COMMENTS
A	14/03/22	FIRST ISSUE



WORK AS EXECUTED
 NAME: PHILLIP J. LIDBURY
 SIGNATURE: *[Signature]*
 DATE: 14th March 2022

SEWER LINE A (CONT.)
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100

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HORIZONTAL
 CO-ORDINATE SYSTEM: MGA LOCAL
 MARKS ADOPTED: PM69646
 EAST: NORTH:
 PLOT FILE/DWG No.: F:\D5325\5325WAE\STAGE1A\5325WAE_W&S_1A.dwg

VERTICAL
 DATUM: AHD
 BENCHMARK: PM69646
 R.L.: 11.793
 DRAWN/CHECKED: RL

PROJECT
 WORK AS EXECUTED
 WATER & SEWER RETICULATION
 STAGE 1A "SUMMER GREEN"
 LOT 303 DP1099114
 CAPE HAWKE DRIVE, FORSTER

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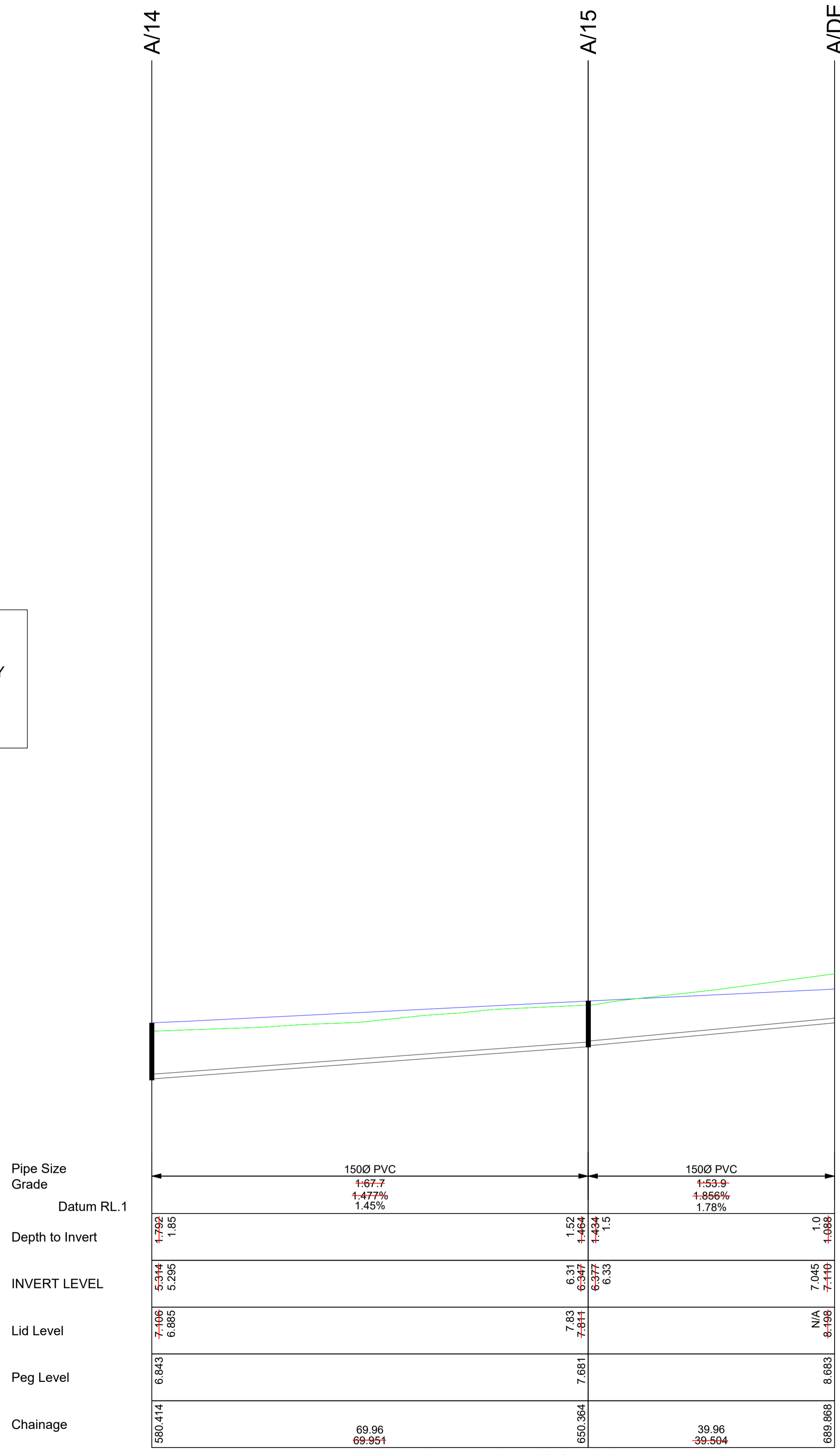
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 HORIZONTAL: 1:500
 VERTICAL: 1:100
 SHEET SIZE: A1
 FIELD SHEETS
 Date of survey: 10/03/22

COUNCIL: MID-COAST
 DA NUMBER: DA2016/1105
 DATE: 14/03/22

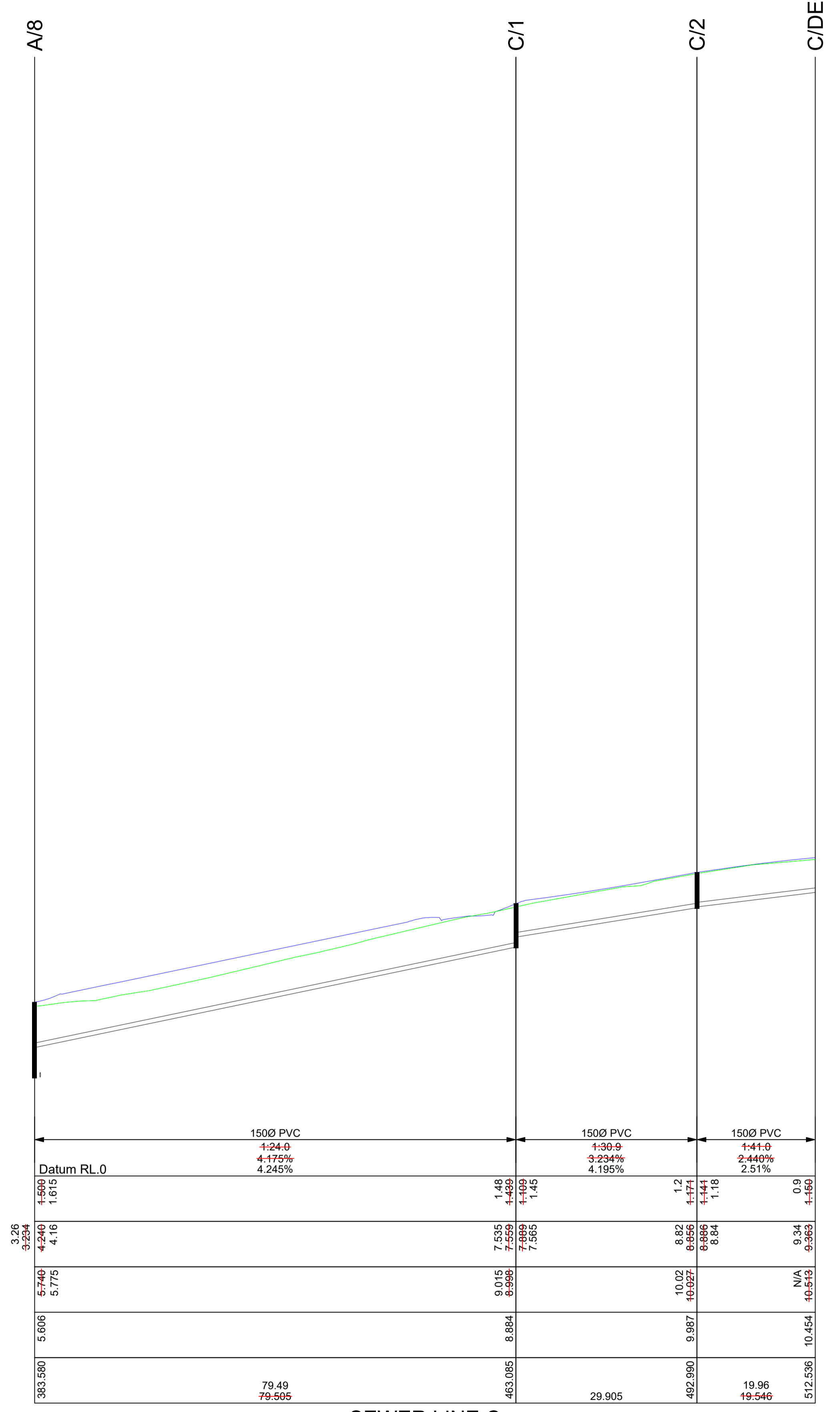
SHEET 4 OF 7
 FILE No.: 5325

ISSUE	DATE	COMMENTS
A	14/03/22	FIRST ISSUE

WORK AS EXECUTED
 NAME: PHILLIP J. LIDBURY
 SIGNATURE: *Phillip J. Lidbury*
 DATE: 14th March 2022



SEWER LINE A (CONT.)
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100



SEWER LINE C
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100

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HORIZONTAL		VERTICAL		PROJECT	
CO-ORDINATE SYSTEM:	MGA LOCAL	DATUM:	AHD	WORK AS EXECUTED	
MARKS ADOPTED:	PM69646	BENCHMARK:	PM69646	WATER & SEWER RETICULATION	
EAST:	NORTH:	R.L.:	11.793	STAGE 1A "SUMMER GREEN"	
PLOT FILE/DWG No.:		DRAWN/CHECKED:	RL	LOT 303 DP1099114	
F:\D5325\5325WAE\STAGE1A\5325WAE_W&S_1A.dwg				CAPE HAWKE DRIVE, FORSTER	

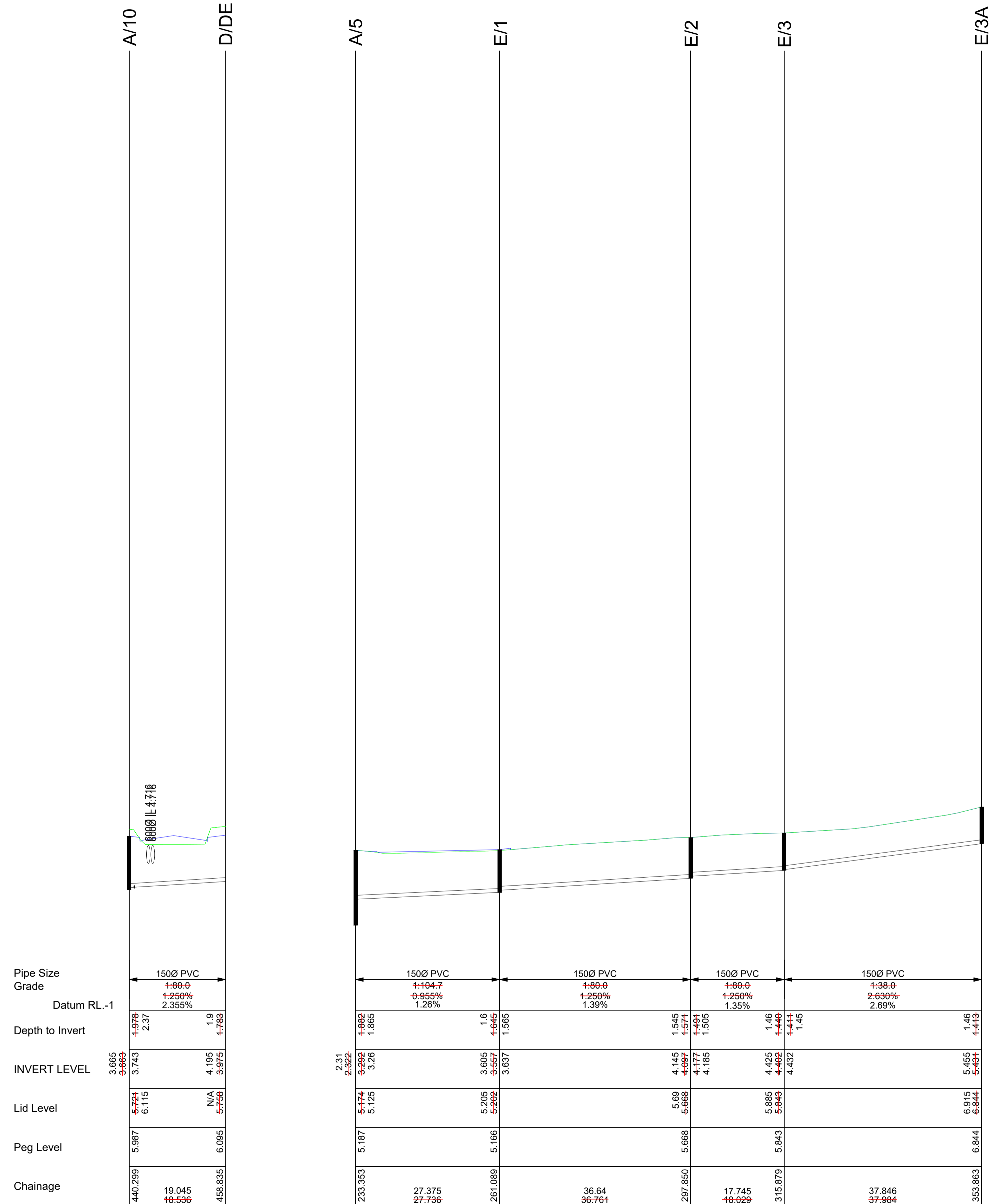
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SCALES		COUNCIL: MID-COAST		ISSUE	DATE	COMMENTS
HORIZONTAL:	1:500	DA NUMBER:	DA2016/1105	A	14/03/22	FIRST ISSUE
VERTICAL:	1:100	DATE:	14/03/22			
SHEET SIZE:	A1	FILE No.:	5325			
FIELD SHEETS	Date of survey: 10/03/22					

SHEET 5 OF 7	
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ISSUE	DATE	COMMENTS
A	14/03/22	FIRST ISSUE



SEWER LINE D
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100

SEWER LINE E
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100

WORK AS EXECUTED
 NAME: PHILLIP J. LIDBURY
 SIGNATURE: *[Signature]*
 DATE: 14th March 2022

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HORIZONTAL
 CO-ORDINATE SYSTEM: MGA LOCAL
 MARKS ADOPTED: PM69646
 EAST: NORTH:
 PLOT FILE/DWG No.:
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VERTICAL
 DATUM: AHD
 BENCHMARK: PM69646
 R.L.: 11.793
 DRAWN/CHECKED:
 RL

PROJECT
WORK AS EXECUTED
WATER & SEWER RETICULATION
STAGE 1A "SUMMER GREEN"
LOT 303 DP1099114
CAPE HAWKE DRIVE, FORSTER

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SCALES
 HORIZONTAL: 1:500
 VERTICAL: 1:100
 SHEET SIZE: A1
 FIELD SHEETS
 Date of survey: 10/03/22

COUNCIL: MID-COAST
 DA NUMBER:
 DA2016/1105
 DATE:
 14/03/22

SHEET 6 OF 7
 FILE No.:
 5325

ISSUE	DATE	COMMENTS
A	14/03/22	FIRST ISSUE

E/3A E/4 E/5 E/6 E/DE

WORK AS EXECUTED
 NAME: PHILLIP J. LIDBURY
 SIGNATURE: *[Signature]*
 DATE: 14th March 2022

Pipe Size	1500 PVC		1500 PVC		1500 PVC		1500 PVC	
Grade	+136.9 2.700% 2.63%		+100.1 0.999% 0.965%		+129.8 3.351% 3.335%		+140.6 2.454% 2.451%	
Datum RL.1	1.363 1.41		1.485 1.511		1.5 1.421		1.3 1.228	
Depth to Invert	2.05 2.077 2.047 2.01		7.040 7.02		8.87 8.87		1.8 1.8	
INVERT LEVEL	5.461 5.506		6.375 6.390 6.349 6.419		8.635 8.662 8.692 8.87		9.535 9.566	
Lid Level	6.844 6.915		8.43 8.497		10.335 10.283		N/A 10.586	
Peg Level	6.844		8.375 8.437		10.288		10.547	
Chainage	353.883 33.22 33.194		387.054 56.875 57.038		444.092 54.305 54.371		498.463 19.245 19.343	

SEWER LINE E (CONT.)
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100

A/7 F/1 F/2 F/3 F/DE

Pipe Size	1500 PVC		1500 PVC		1500 PVC		1500 PVC	
Grade	+57.5 1.740% 0.83%		+117.7 5.653% 5.325%		+121.8 4.570% 4.535%		+167.1 1.490% 1.28%	
Datum RL.1	2.048 1.845		1.85 1.899		1.77 1.738		1.2 1.077	
Depth to Invert	2.975 2.974		4.2 4.092		8.285 8.275		1.58 1.53	
INVERT LEVEL	5.785 5.738		6.05 5.951		10.055 10.013		8.51 8.436	
Lid Level	6.844 6.915		8.43 8.497		10.335 10.283		N/A 10.586	
Peg Level	6.844		8.375 8.437		10.288		10.547	
Chainage	345.369 20.72 20.810		366.179 50.305 50.472		444.092 13.035 13.084		458.399 8.54 8.627	

SEWER LINE F
 SCALES: HORIZONTAL 1:500 VERTICAL 1:100

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CO-ORDINATE SYSTEM: MGA LOCAL	HORIZONTAL
MARKS ADOPTED: PM69646	VERTICAL
EAST: NORTH:	DATUM: AHD
PLOT FILE/DWG No.: F:\D5325\WAE\STAGE1A\5325WAE_W&S_1A.dwg	BENCHMARK: PM69646
	R.L.: 11.793
	DRAWN/CHECKED:
	RL

WORK AS EXECUTED
 WATER & SEWER RETICULATION
 STAGE 1A "SUMMER GREEN"
 LOT 303 DP1099114
 CAPE HAWKE DRIVE, FORSTER

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HORIZONTAL: 1:500	SCALES
VERTICAL: 1:100	
SHEET SIZE: A1	
FIELD SHEETS	
Date of survey: 10/03/22	

COUNCIL: MID-COAST	ISSUE
DA NUMBER: DA2016/1105	A
DATE: 14/03/22	DATE
	14/03/22

SHEET 7 OF 7	COMMENTS
FILE No.: 5325	FIRST ISSUE