

A1

LEGEND

× E.T.T.

A.H.D.

LP

PPLP

SMH

• IE

↑ TAP

• DRAIN

□ HYD

WM

GM

TC

SWP

PIT

EPIT

EPIL

□ FHYD

ICV

□ SUB

• PUMP

• G

• W

• PIPE

• MWELL

• FV

□ GPIT

• UGC

• PP

• SP

• BOL

TOP OF BANK

BATTER

BOTTOM OF BANK

DW

VC

PR

CONC

OVERHEAD POWER

▲ BM

⑩

⑩_A

REDUCED LEVEL

AUSTRALIAN HEIGHT DATUM

LIGHT POLE

POWER POLE LIGHT POLE

SEWER MAINTENANCE HOLE

INSPECTION EYE

WATER TAP

DRAIN

HYDRANT

WATER METER

GAS METER

TELECOMMUNICATION PIT

STORMWATER PIT

SERVICE PIT

ELECTRICAL PIT

ELECTRICAL PILLAR

FIRE HYDRANT

IRRIGATION VALVE

PADMOUNT SUBSTATION

WATER PUMP

GAS

WATER

WATER PIPE

MONITORING WELL

FIRE VALVE

GAS PIT

UNDERGROUND CABLE

POWER POLE

SOLAR PANEL

BOLLARD

TOP OF BANK

BATTER

BOTTOM OF BANK

DRIVEWAY

VEHICLE CROSSING

PEDESTRIAN RAMP

CONCRETE

OVERHEAD POWER

BENCHMARK

TREE

TREE (LOCATED AND IDENTIFIED BY NATURALLY TREES AND PROVIDED TO CRAIG & RHODES 09/03/2020)

APPROX. 1:100

M.G.A.

LEGEND (DBYD DATED 11/12/2019)

— E —

— G —

— S —

— C —

— W —

APPROXIMATE LOCATION OF UNDERGROUND ELECTRICAL CABLES

APPROXIMATE LOCATION OF GAS MAIN

APPROXIMATE LOCATION OF SEWER

APPROXIMATE LOCATION OF TELECOMMUNICATION

APPROXIMATE LOCATION OF WATER MAIN

NOTE: NO INFORMATION AVAILABLE FOR UNDERGROUND SERVICES WITHIN LOTS

Survey Notes:-

Location of structures approximate only.

This is not a land survey under the surveying & spatial information act 2002.

The levels and details on this plan have been determined by stadia methods and are within the general accepted accuracies for such surveys. All set out levels must be referred to the bench mark.

Bearings and Distances are by deed only and are subject to Final Survey. Except where shown by dimension, the relationship of improvements to boundaries is diagrammatic only. The true positions are subject to Final Survey.

Tree sizes are estimates and indicative only.

Services and utilities shown have been located by physical evidence and/or by reference to service plans from the relevant authorities. Subsurface utility information shown in accordance with AS5488-2013 Q.L.C. Pits may not have been opened to verify the type of utility. Excavation has not been carried out to confirm underground location. Service details should be confirmed with the relevant service authority during design and prior to commencement of construction.

As part of your duty of care, please contact the following where necessary :-

Ausgrid Ph. 131535

Dial Before You Dig Ph. 1100

Endeavour Energy Ph. 131081

Jemena Gas Company Ph. 131245

NBN Ph. 1800 881 816

Optus Communications Ph. 1800 505 777

Sydney Water Ph. 130092

Telstra Corporation Ph. 132203

This plan has been prepared for the exclusive use of the principal as listed in the title block.

Any construction on or near the boundaries will require further survey so that marks defining boundaries can be placed.

All set out levels must be referred to the bench mark.

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These notes must not be erased.

STAGE 1

LOCATION DIAGRAM

SCALE 1:10,000

50 40 30 20 10 0 50

1:1000 @A1

BEARINGS SHOWN TO M.G.A. GRID AZIMUTH. TRUE NORTH DIRECTION FOR DIAGRAMMATIC PURPOSES ONLY

NOTE:

ALL KERBS ARE CONCRETE KERB & GUTTER

AMEND No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
AMEND No.	00	DATE	10/02/2020	DETAILS	PRELIMINARY ISSUE

ORIGIN OF LEVELS: S.S.M.118863 R.L.58.414 A.H.D. (VIDE SCIMS DATED 11/12/2019)
ORIGIN OF COORDINATES: S.S.M.118863 EASTING 318780.023 NORTHING 6258851.907 (MGA94) (VIDE SCIMS DATED 11/12/2019)

DIAL 1100 BEFORE YOU DIG

APPROVED COMPANY

CERTIFICATION SERVICES

APPROVED COMPANY

CERTIFICATION SERVICES

APPROVED COMPANY

CERTIFICATION SERVICES

Project:

DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

Principal:

FRASERS PROPERTY

Scale	1:1000	Date	07/02/2020	Council Ref.	
Datum	A.H.D.	L.G.A.	CITY OF PARAMATTA		
Cal's	L.E.	Drawn	T.L.	Proj.Man.	B.M.
				Client Ref.	

Principal:

FRASERS PROPERTY

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Cal's	L.E.	Drawn	T.L.	Proj.Man.	B.M.
				Client Ref.	

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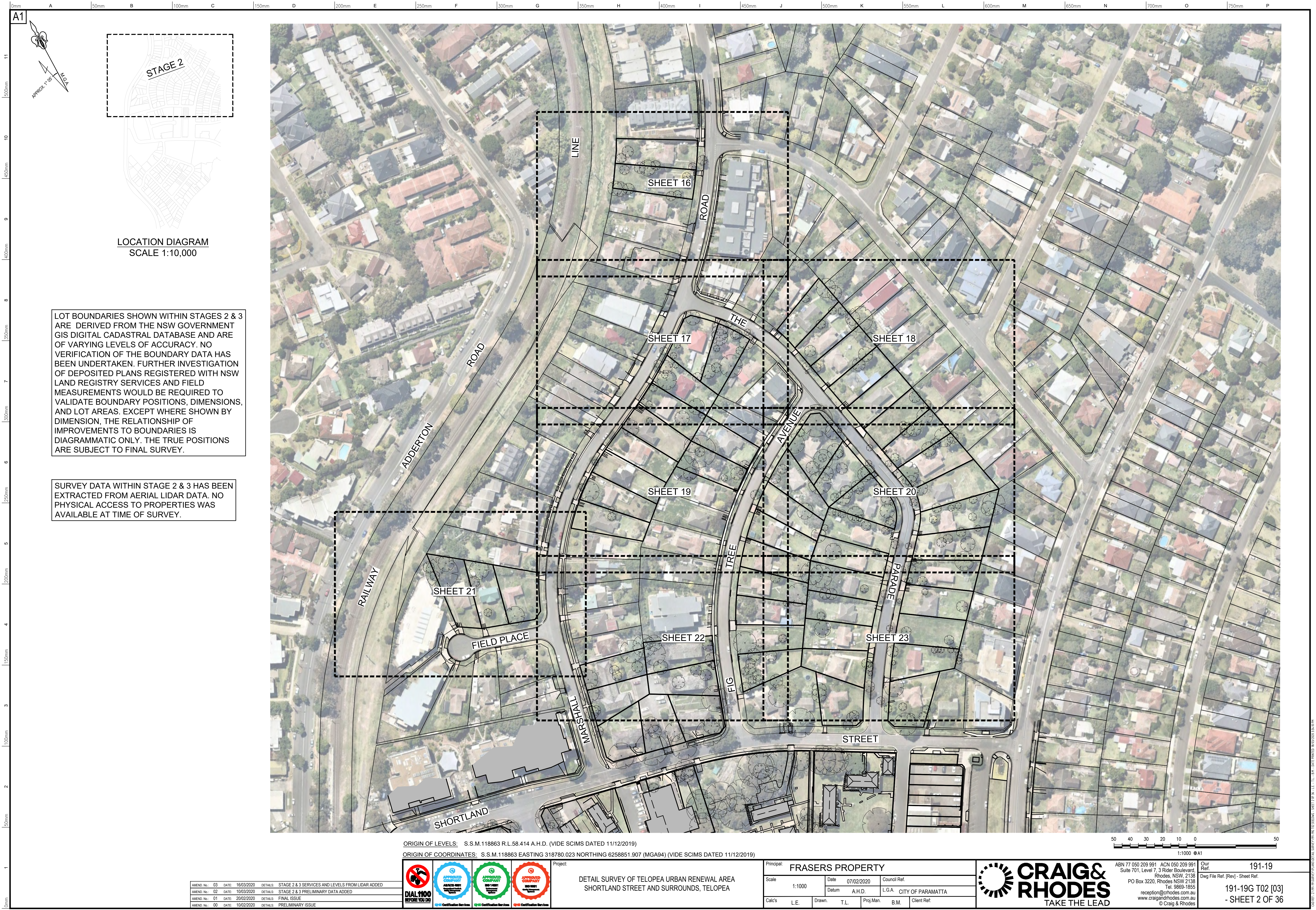
Our Ref.

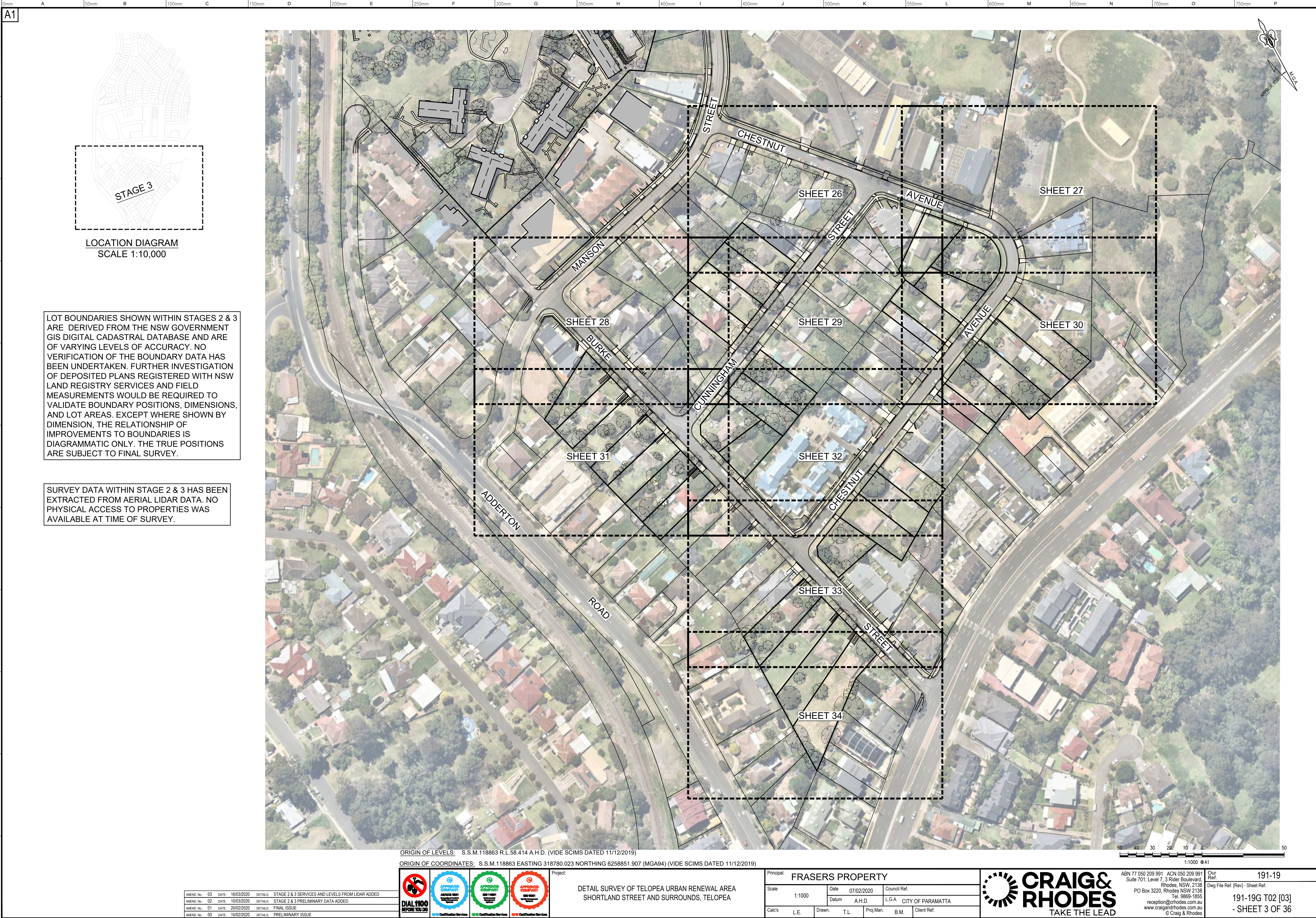
191-19

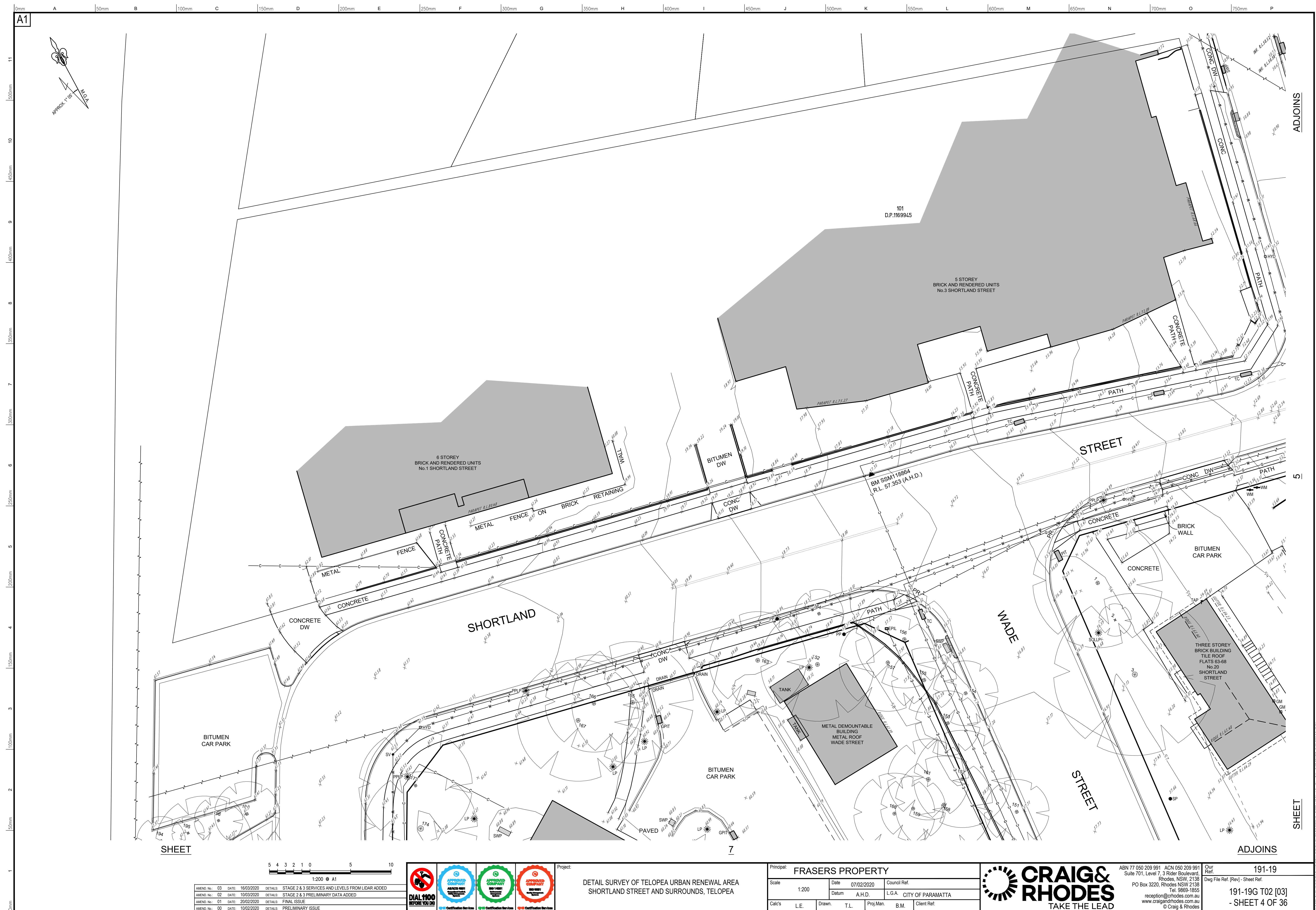
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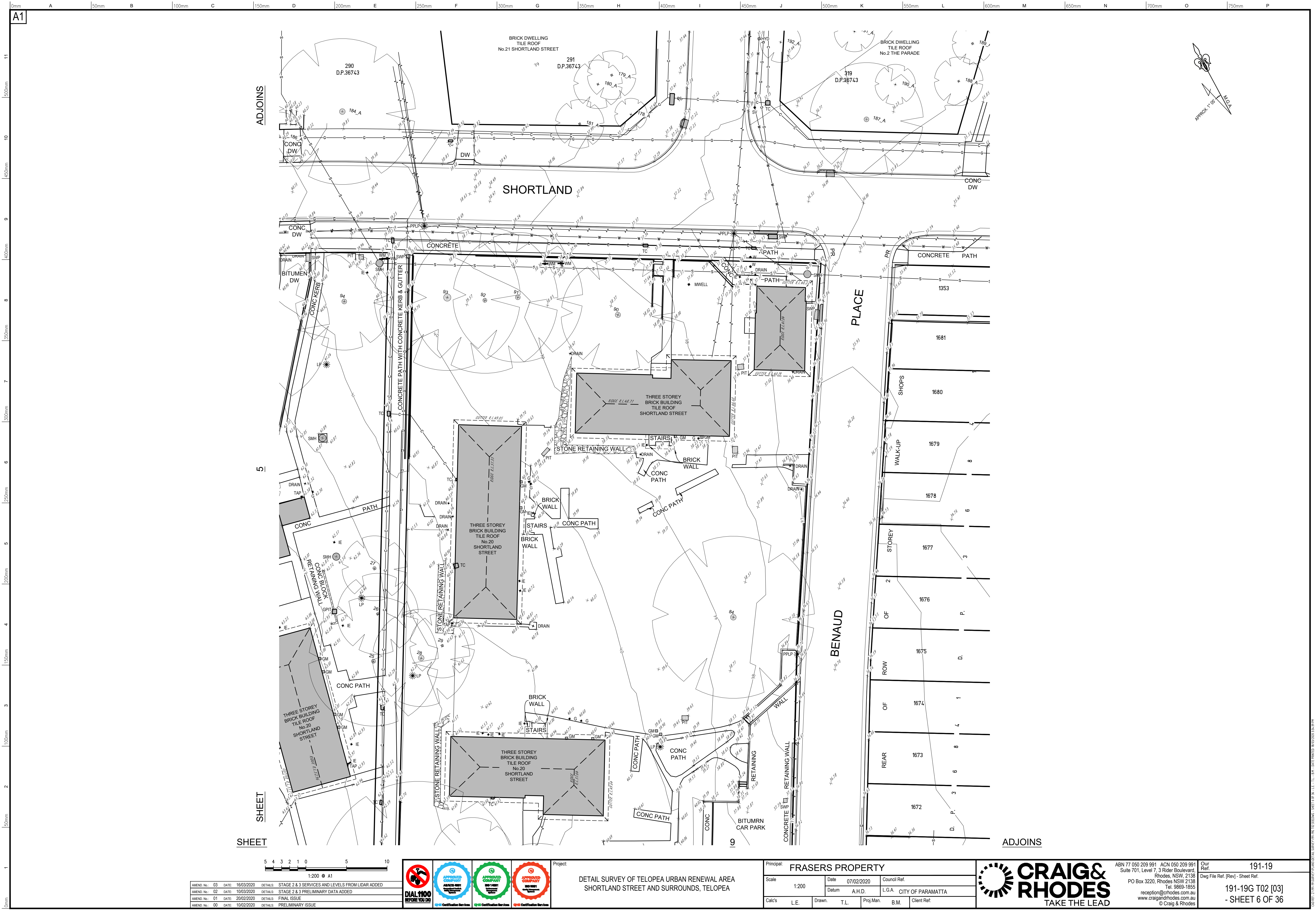
Project: **DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA**
SHORTLAND STREET AND SURROUNDS, TEOPEA

Principal:	FRASERS PROPERTY				
Scale:	1:200	Date:	07/02/2020	Council Ref:	
Datum:	A.H.D.	L.G.A.	CITY OF PARAMATTA		
Cal's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
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AMEND No. 03	DATE: 16/03/2020
DETAILS: STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED	
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DETAILS: STAGE 2 & 3 PRELIMINARY DATA ADDED	
AMEND No. 01	DATE: 20/02/2020
DETAILS: FINAL ISSUE	
AMEND No. 00	DATE: 10/02/2020
DETAILS: PRELIMINARY ISSUE	



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SHORTLAND STREET AND SURROUNDS, TEOPEA**

Principal: FRASERS PROPERTY					
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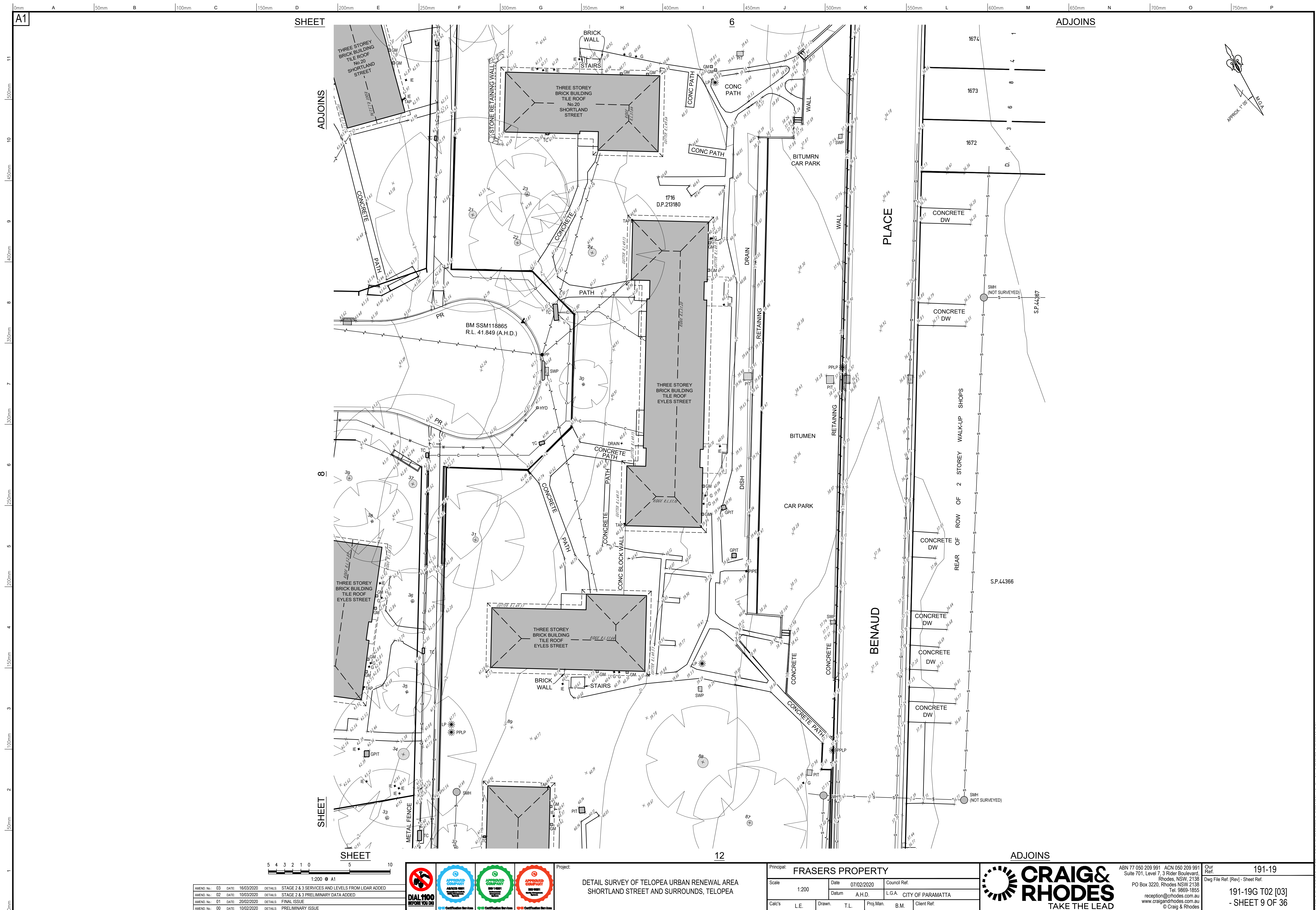
Project: DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

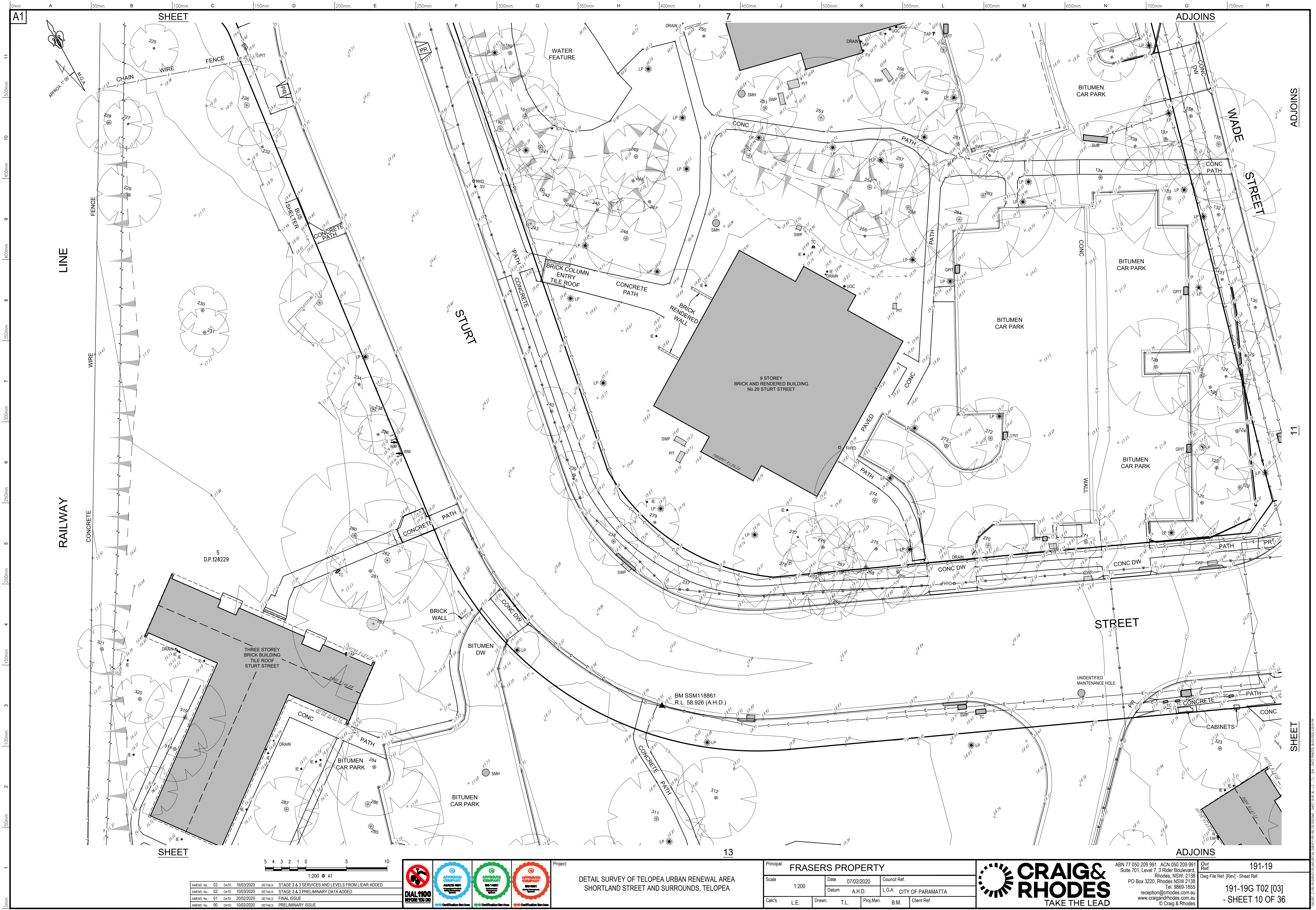
Principal:	FRASERS PROPERTY				
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Cal's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
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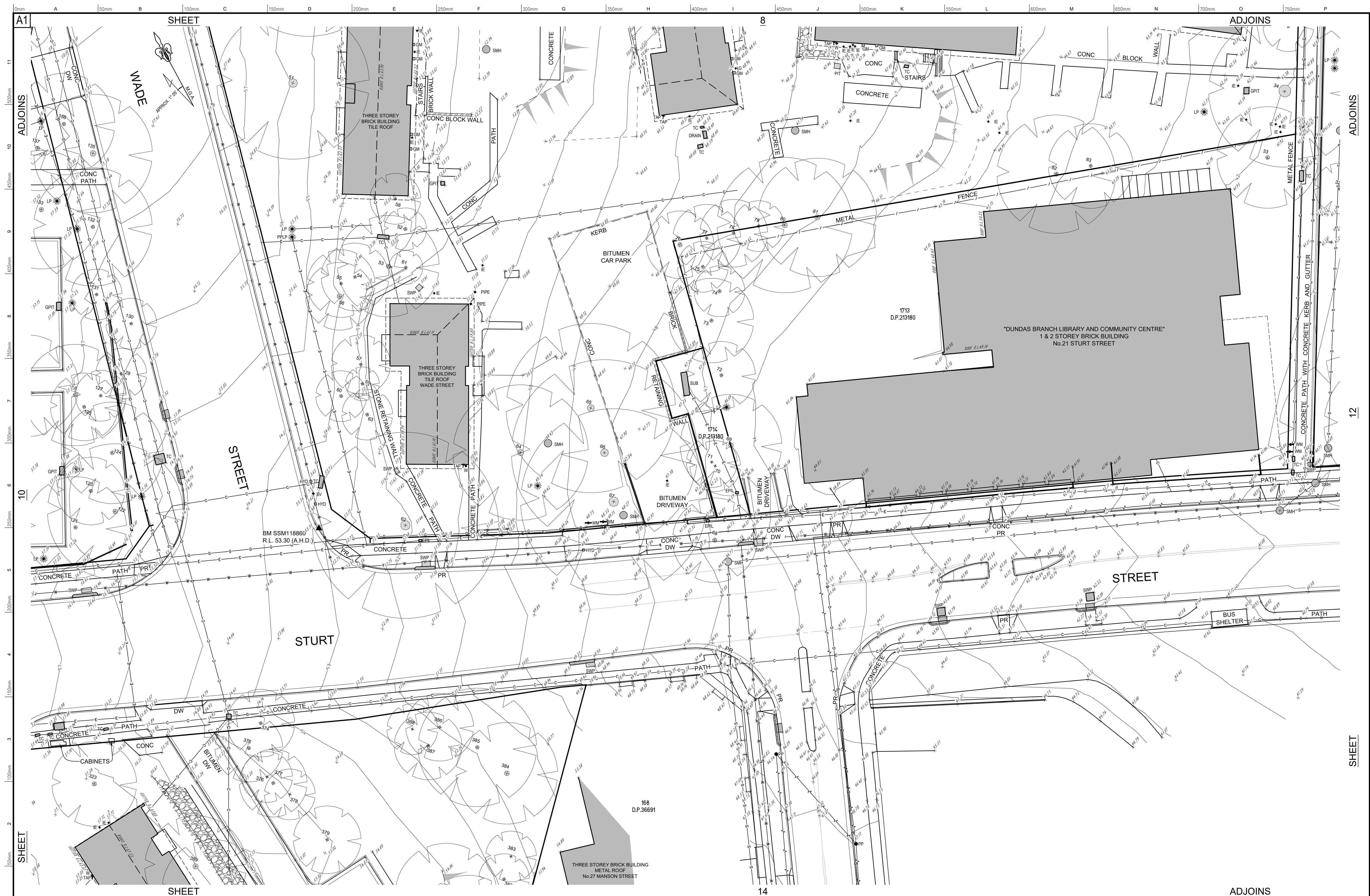
Project: **DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA**
SHORTLAND STREET AND SURROUNDS, TEOPEA

Principal:	FRASERS PROPERTY				
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Project:

DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA SHORTLAND STREET AND SURROUNDS, TELOPEA

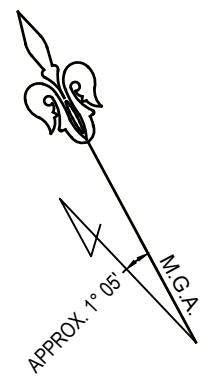
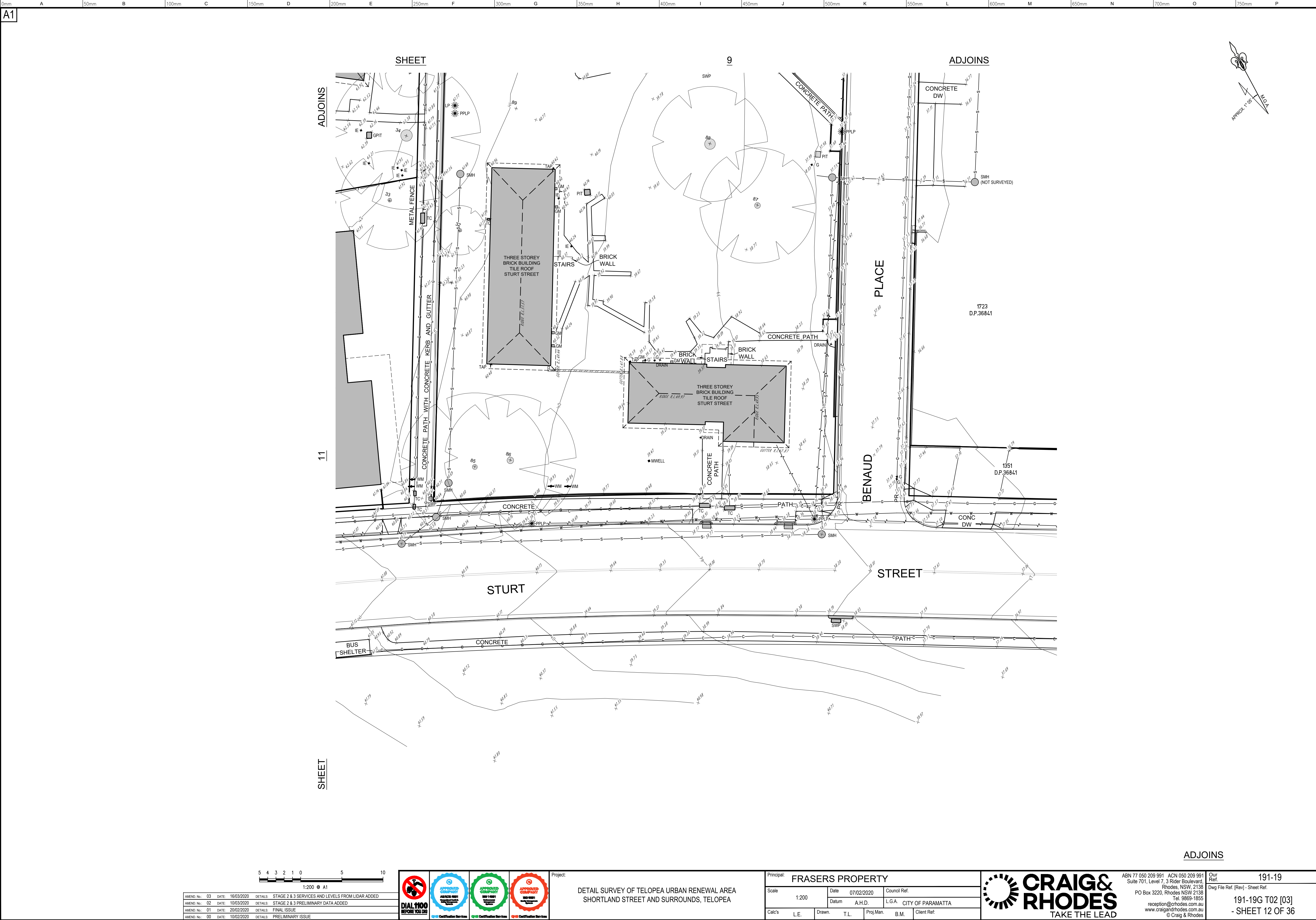
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AMEND. No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
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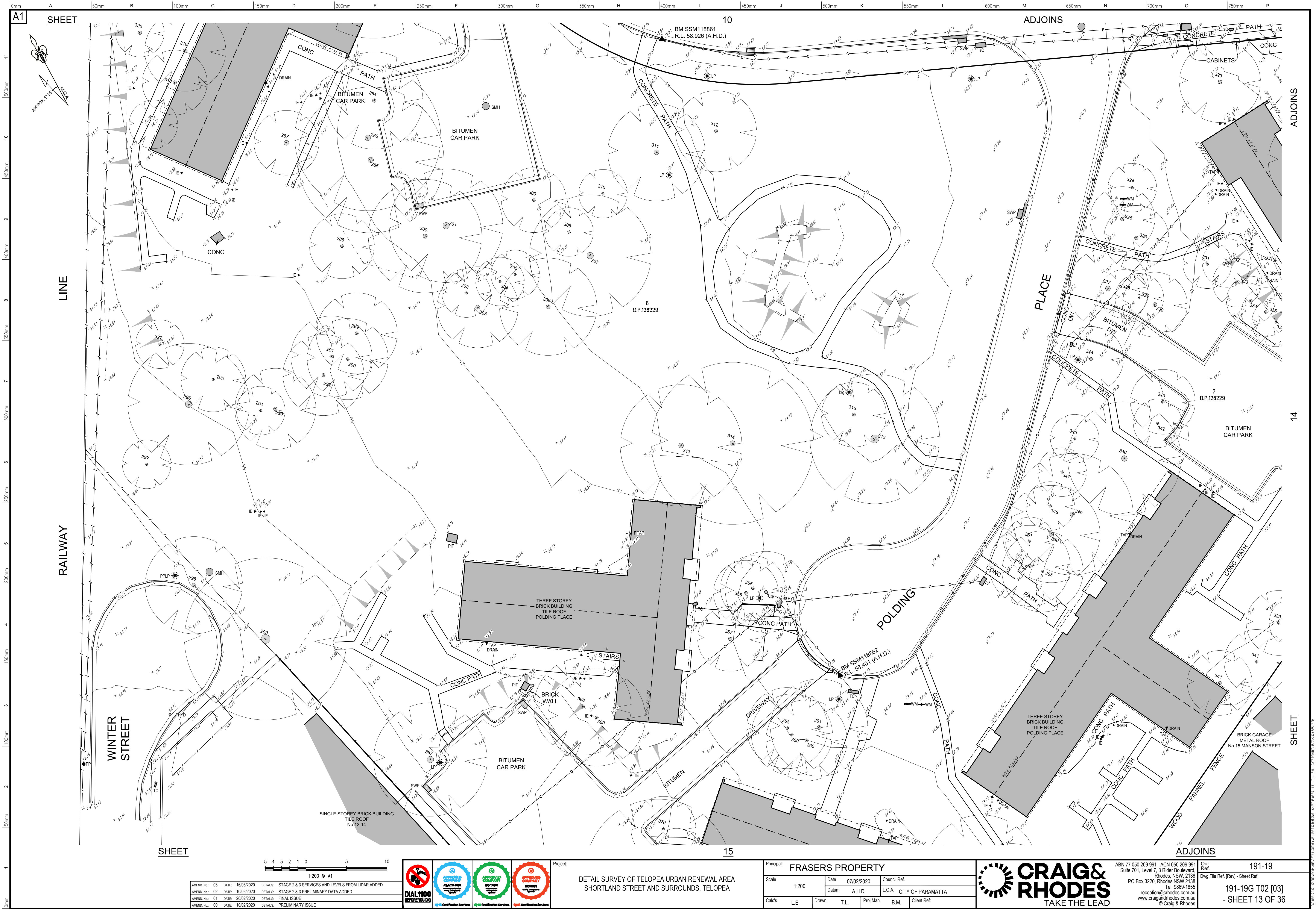


Project: **DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA**
SHORTLAND STREET AND SURROUNDS, TELOPEA

Principal: FRASERS PROPERTY					
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Datum	A.H.D.	L.G.A.	CITY OF PARAMATTA		
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Project: **DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA SHORTLAND STREET AND SURROUNDS, TEOPEA**

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ADJOINS

ADJOINS

13

SHEET

1

AMEND No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
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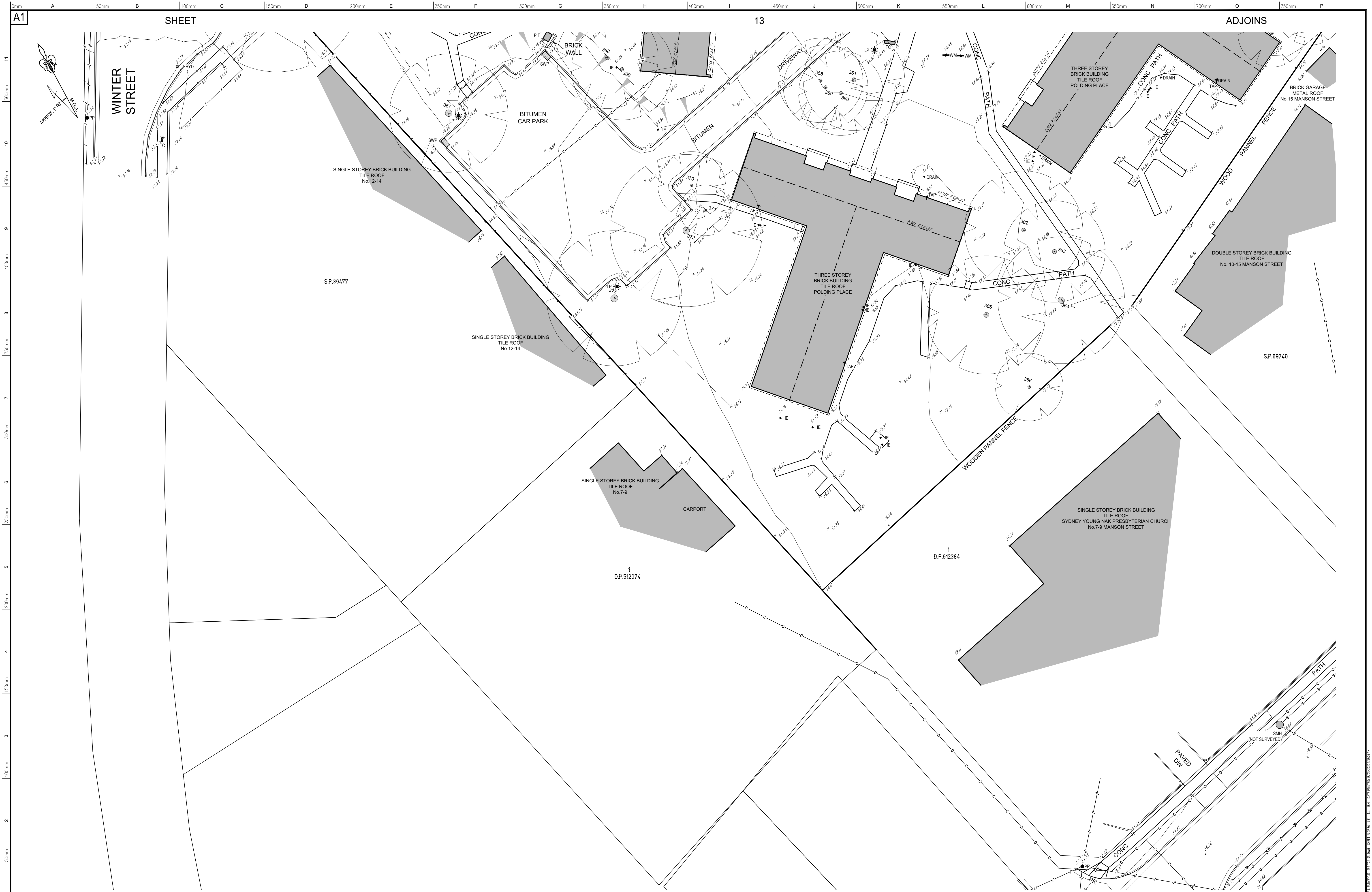
Project: DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

Principal:	FRASERS PROPERTY				
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Project: **DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TEOPEA**

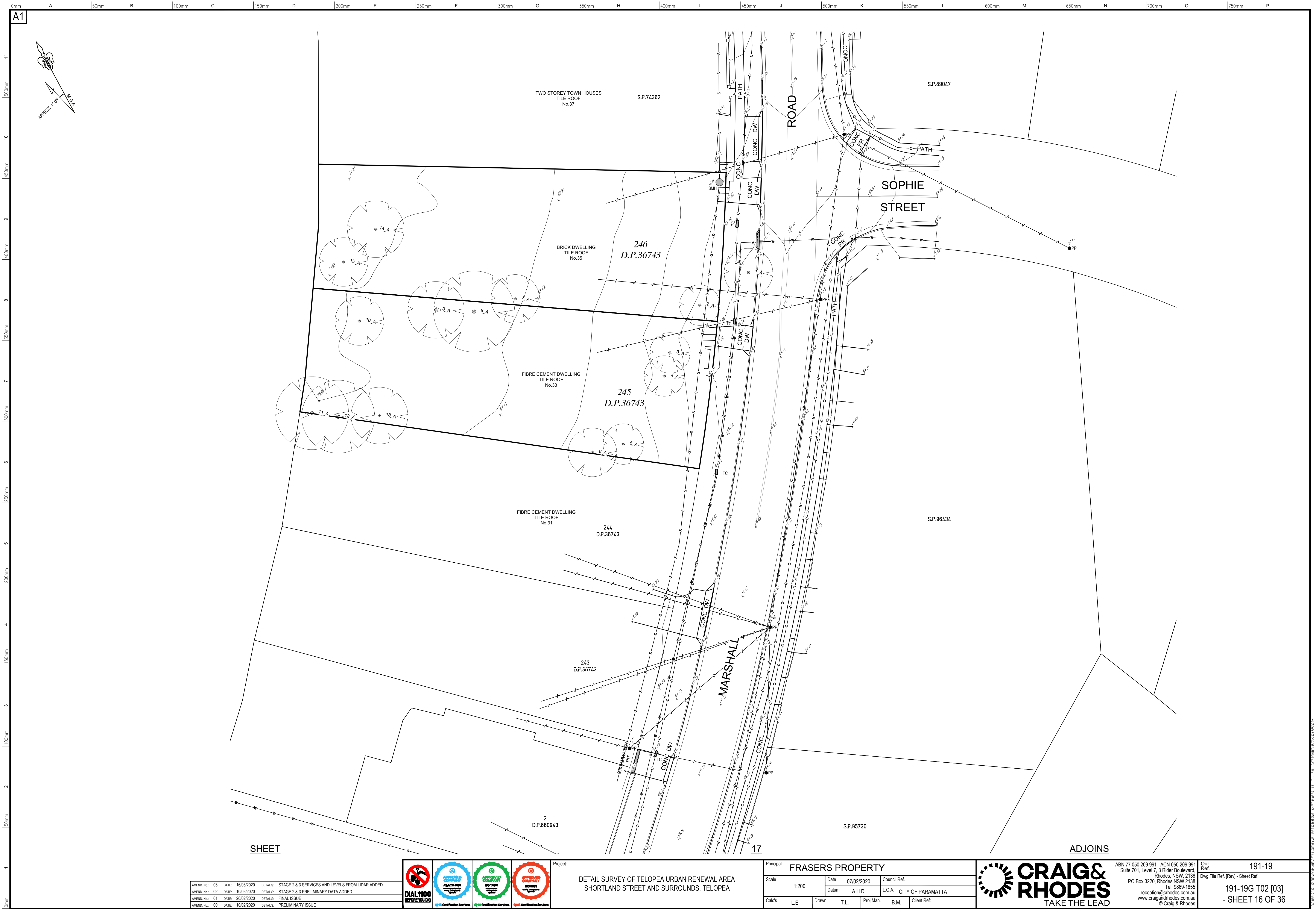
Principal:	FRASERS PROPERTY				
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Datum:	A.H.D.	L.G.A.	CITY OF PARAMATTA		
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AMEND. No.	03	DATE:	16/03/2020	DETAILS:	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
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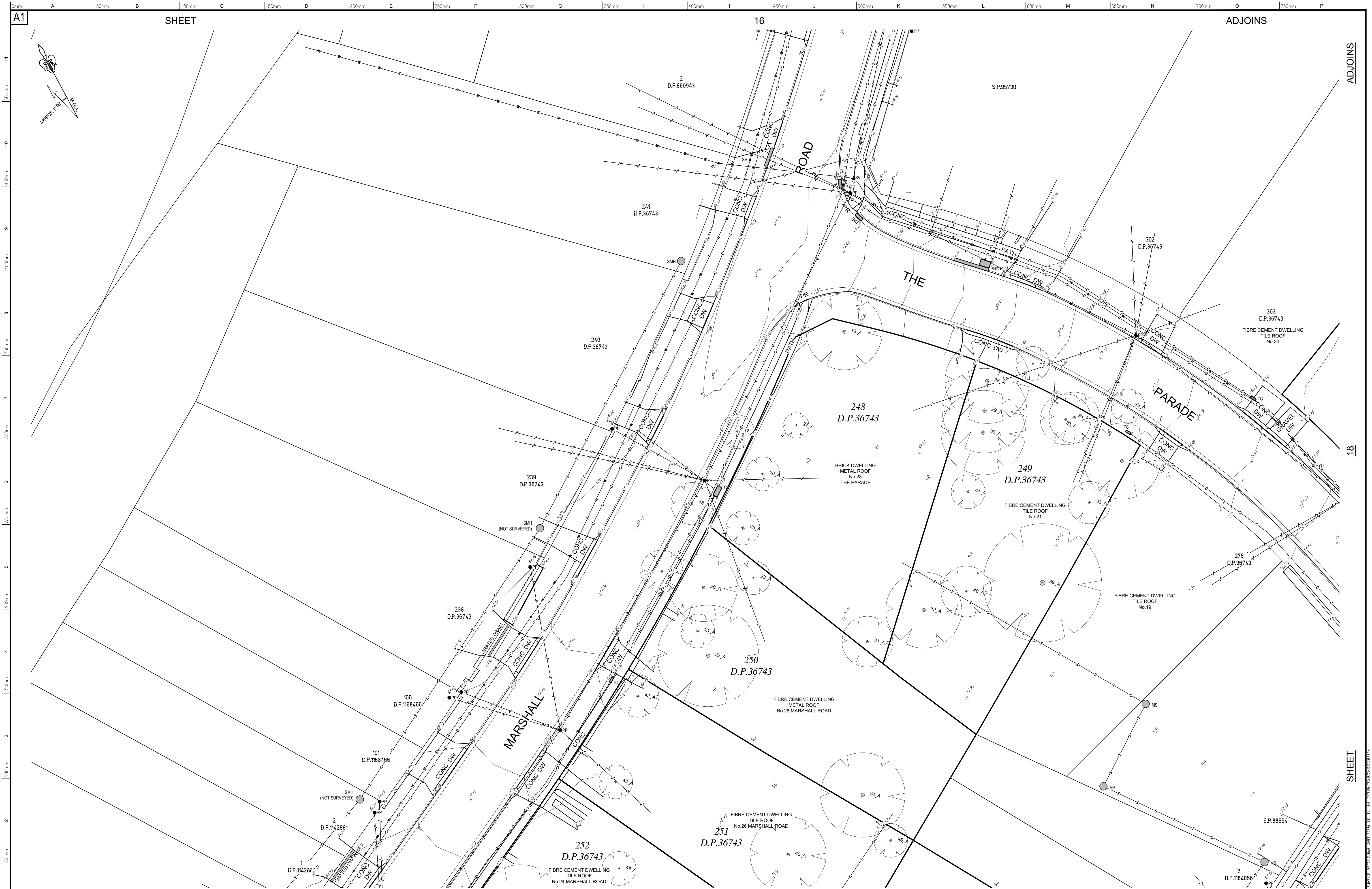
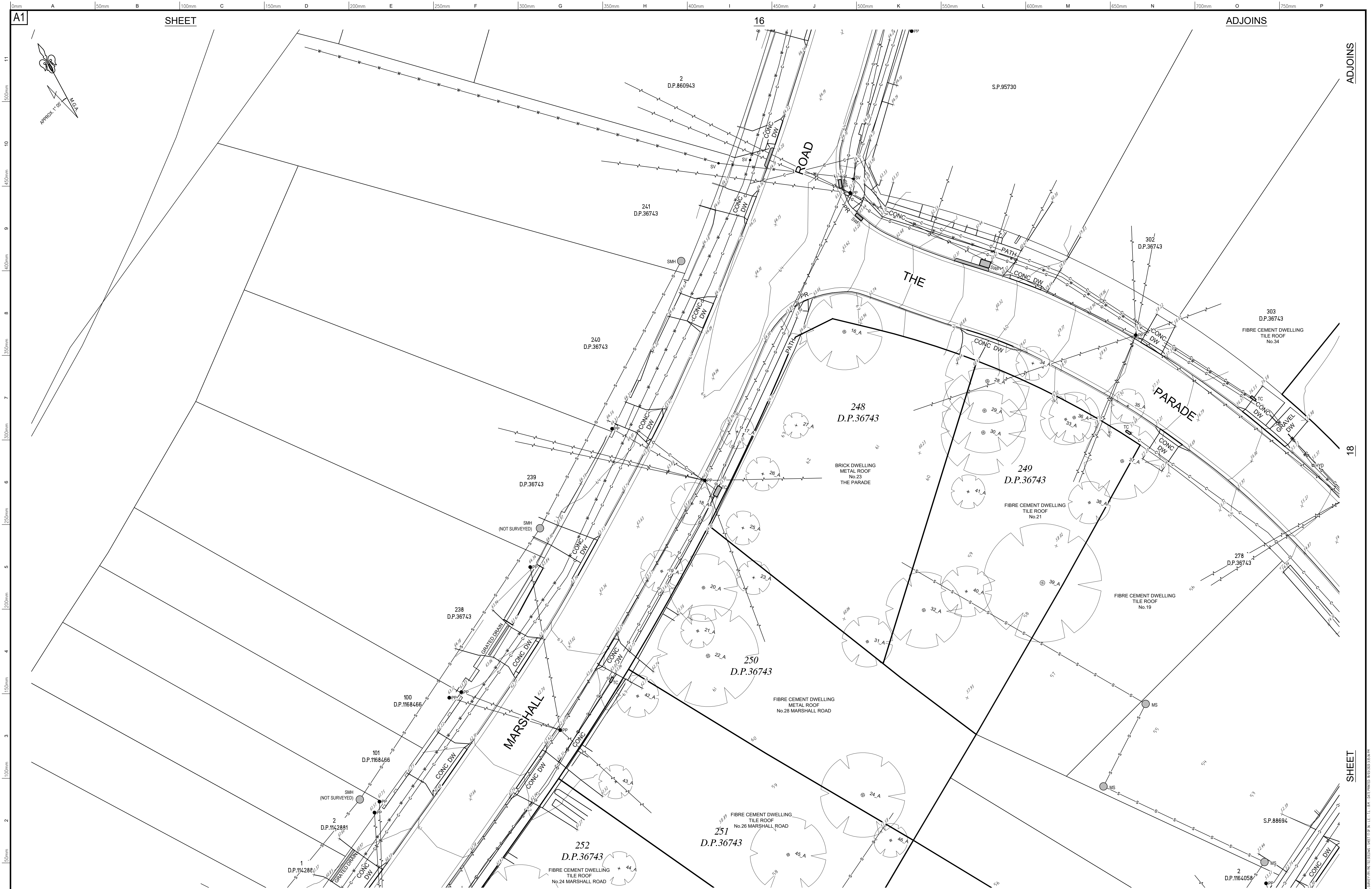


Project: **FRASERS PROPERTY**
DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

Principal:	FRASERS PROPERTY				
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Cal'c's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
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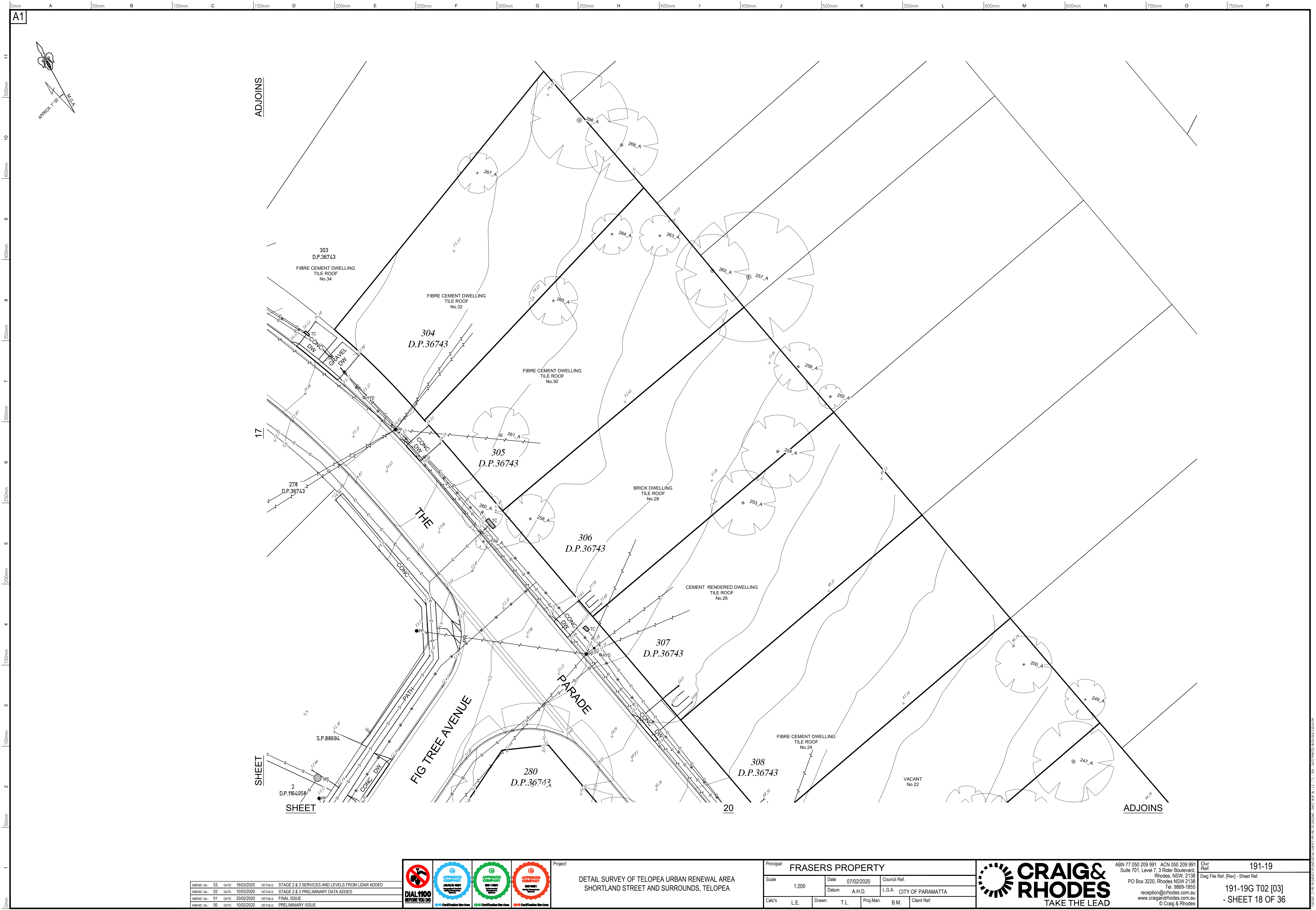
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SHORTLAND STREET AND SURROUNDS, TELOPEA

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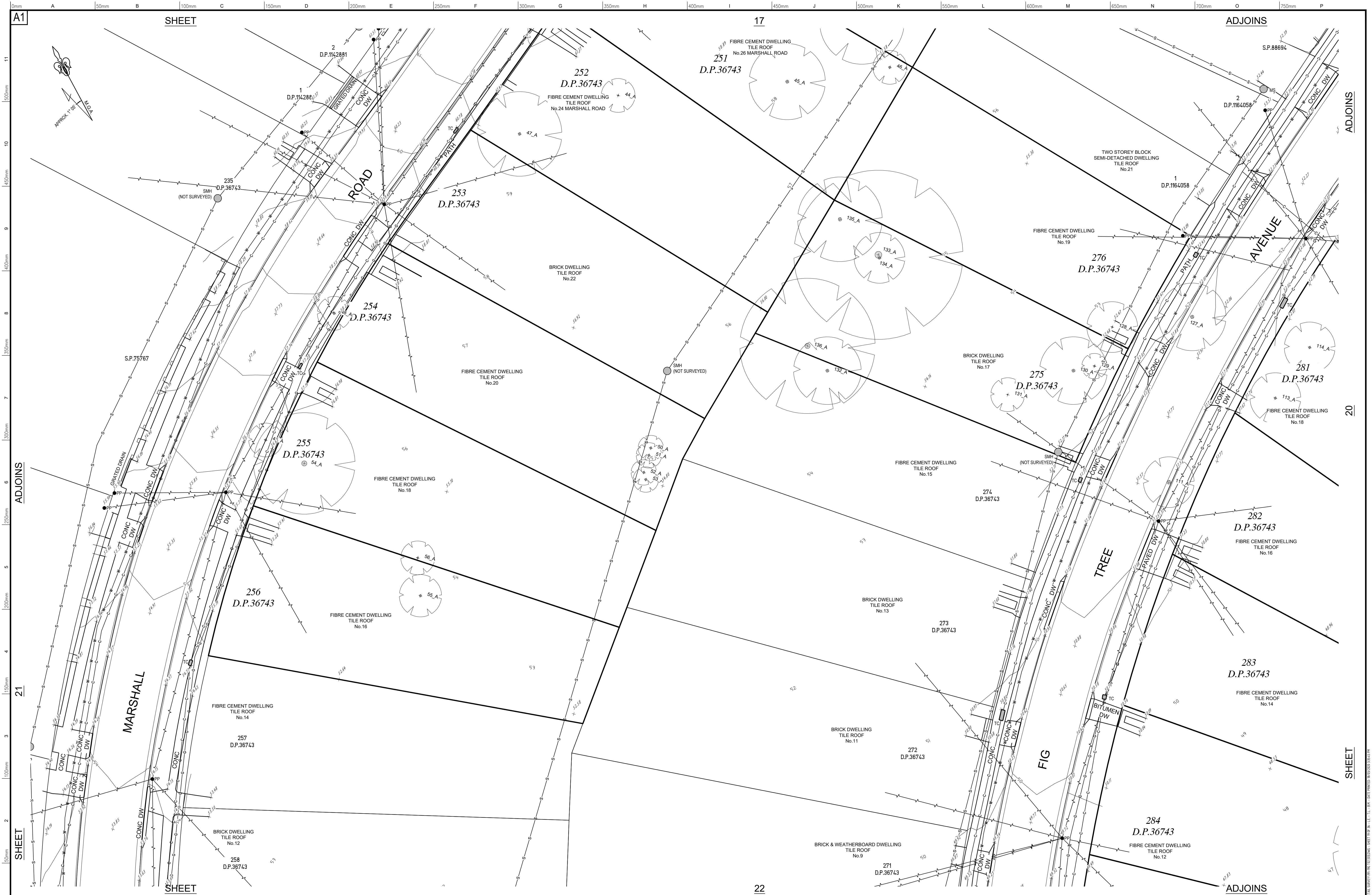


Project: **DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA**

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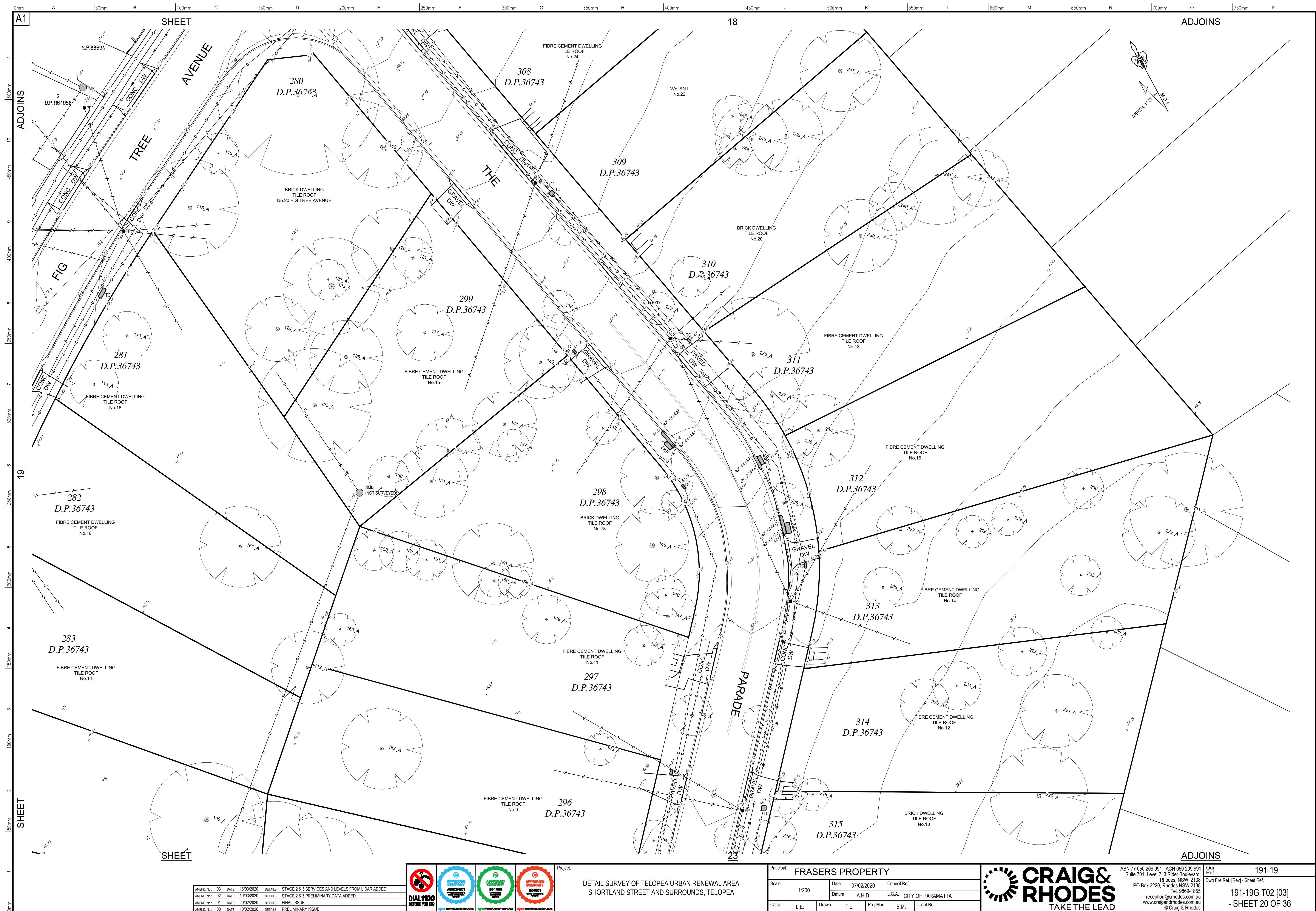
Project: **DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA**
SHORTLAND STREET AND SURROUNDS, TEOPEA

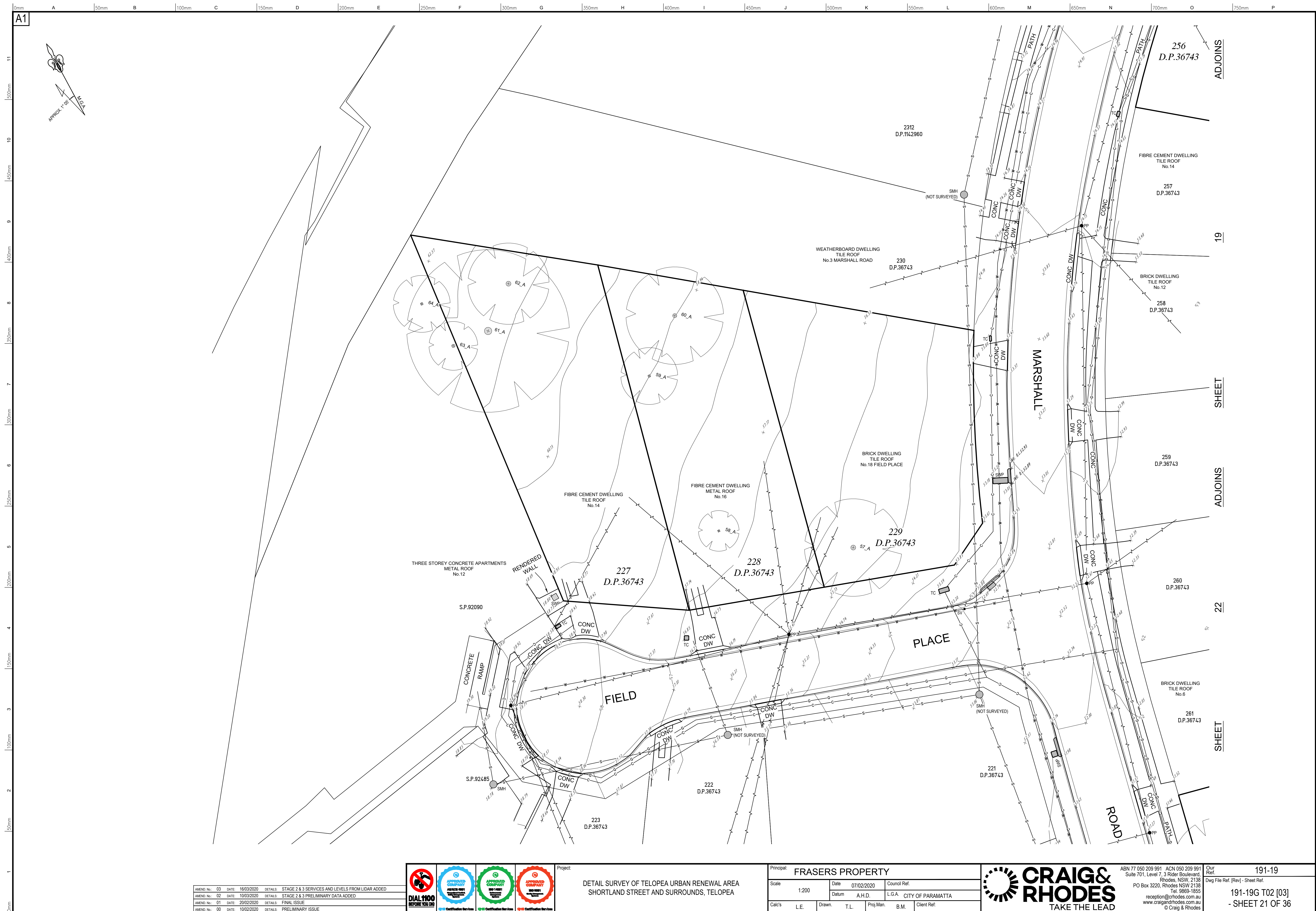
Principal:	FRASERS PROPERTY				
Scale:	1:200	Date:	07/02/2020	Council Ref.	
Cal's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
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- SHEET 19 OF 36





Project: DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

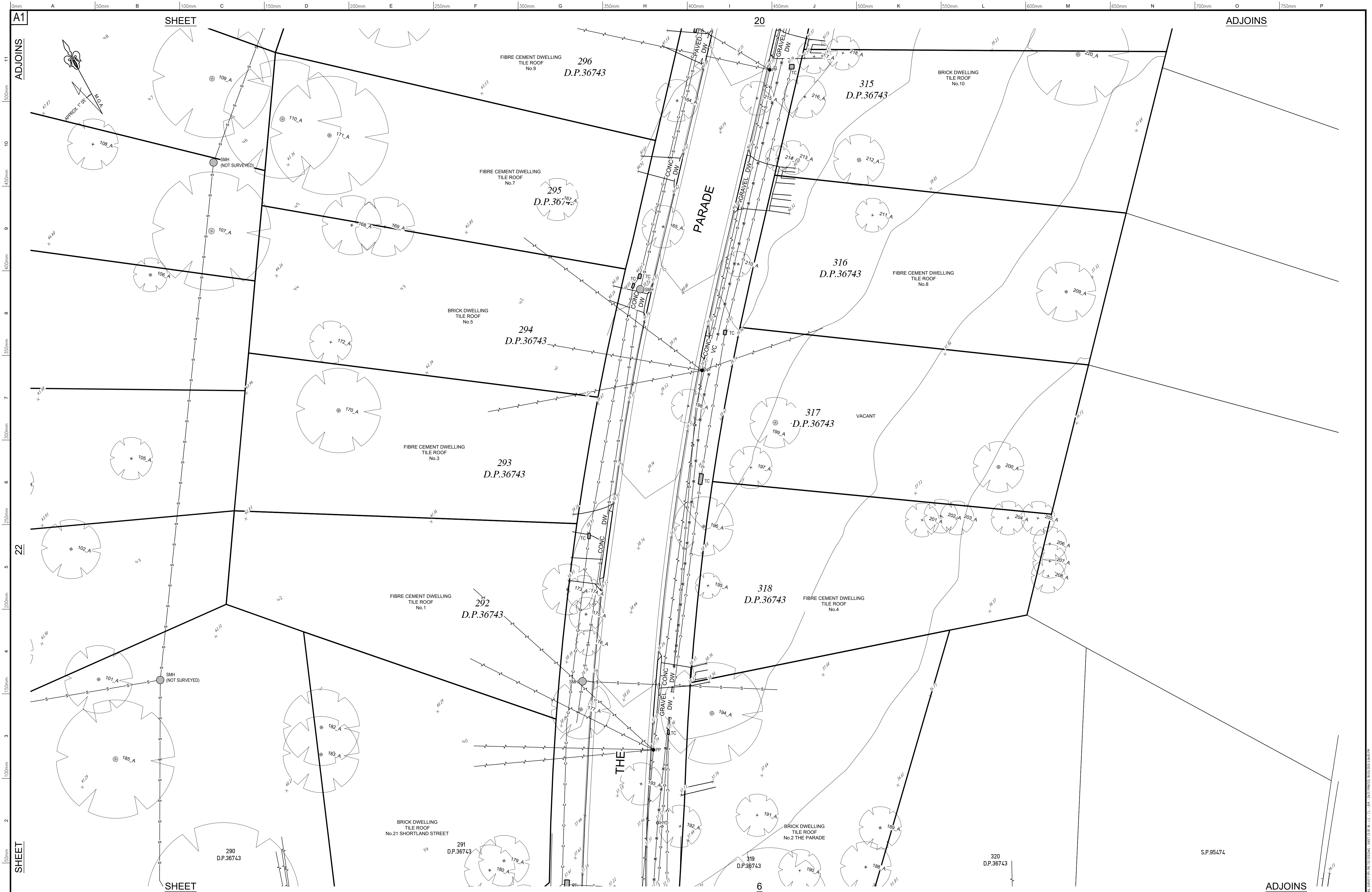
Principal: FRASERS PROPERTY

Scale 1:200	Date 07/02/2020	Council Ref.		
	Datum A.H.D.	L.G.A. CITY OF PARADISE		
Calc's L.E.	Drawn. T.L.	Proj.Man. B.M.	Client Ref.	



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191-19G T02 [03]	
- SHEET 22 OF 36	



AMEND No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
AMEND No.	00	DATE	10/02/2020	DETAILS	PRELIMINARY ISSUE



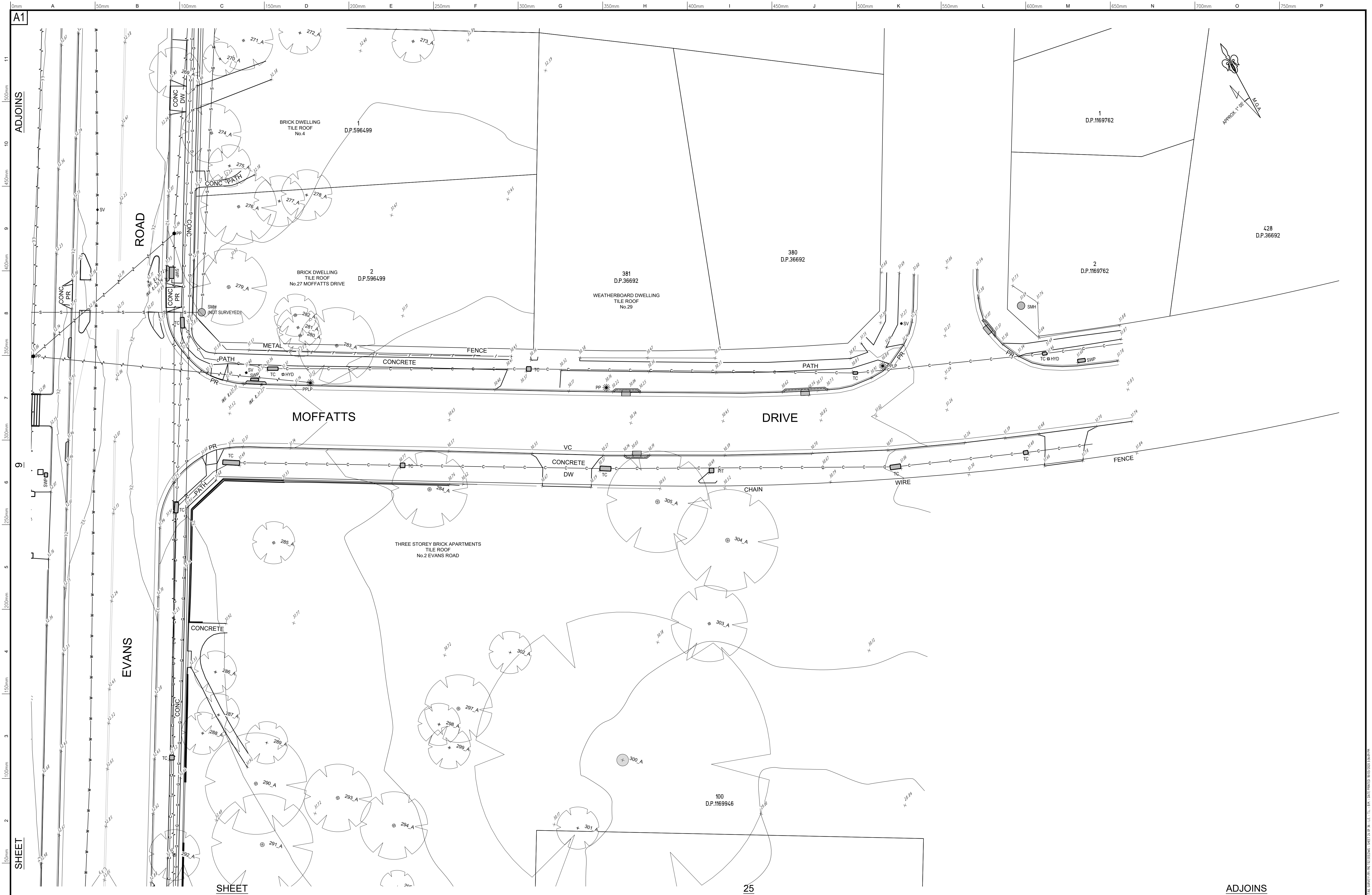
Project: **DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TEOPEA**

Principal: FRASERS PROPERTY						
Scale 1:200		Date	07/02/2020	Council Ref.		
		Datum	A.H.D.			L.G.A.
Calc's	L.E.	Drawn.	T.L.	Proj.Man.	B.M.	Client Ref.



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AMEND No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
AMEND No.	00	DATE	10/02/2020	DETAILS	PRELIMINARY ISSUE



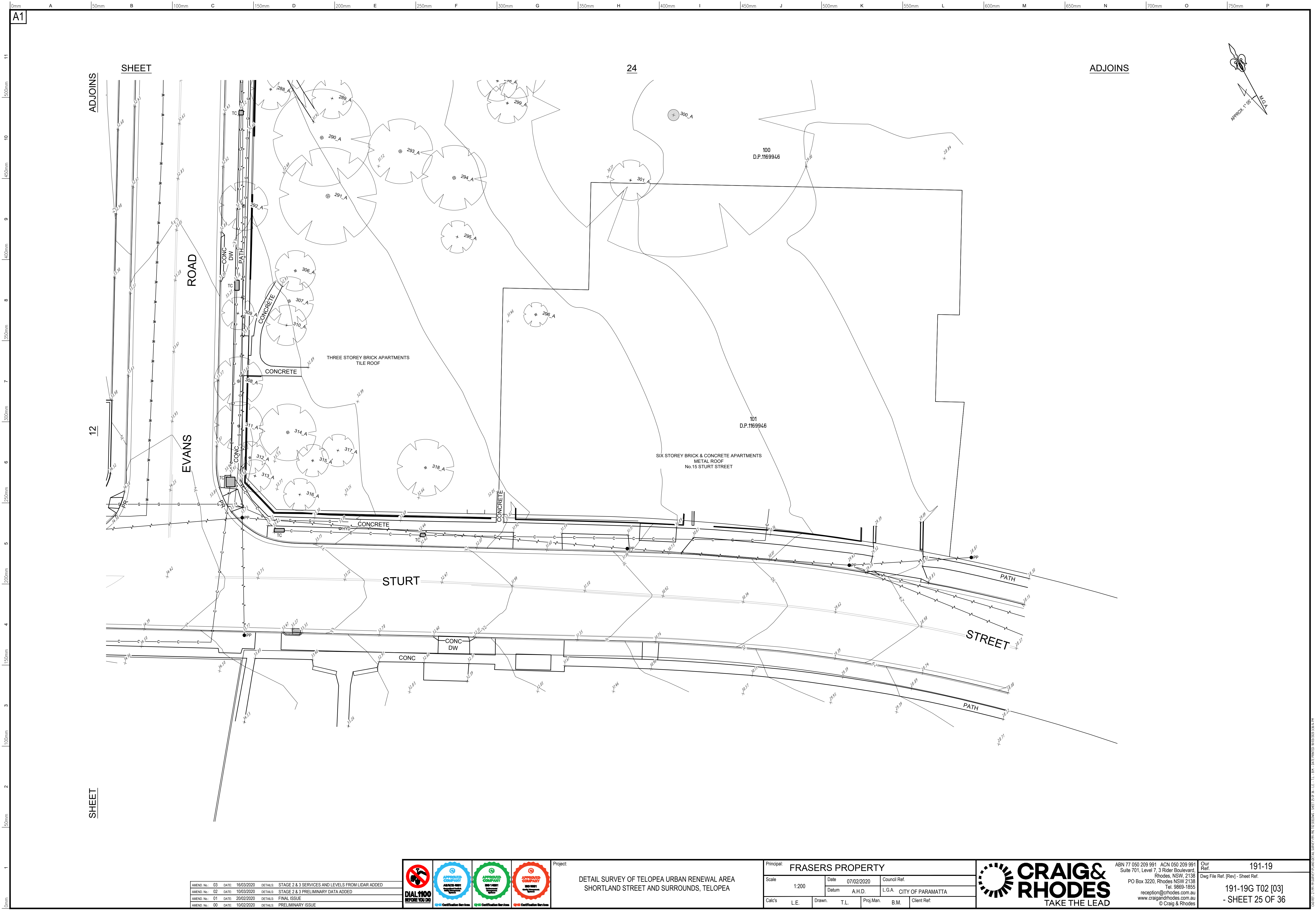
Project: **DETAIL SURVEY OF Teloepa Urban Renewal Area**
SHORTLAND STREET AND SURROUNDS, Teloepa

Principal:	FRASERS PROPERTY				
Scale:	1:200	Date:	07/02/2020	Council Ref.	
Cal's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
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- SHEET 24 OF 36



AMEND No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
AMEND No.	00	DATE	10/02/2020	DETAILS	PRELIMINARY ISSUE



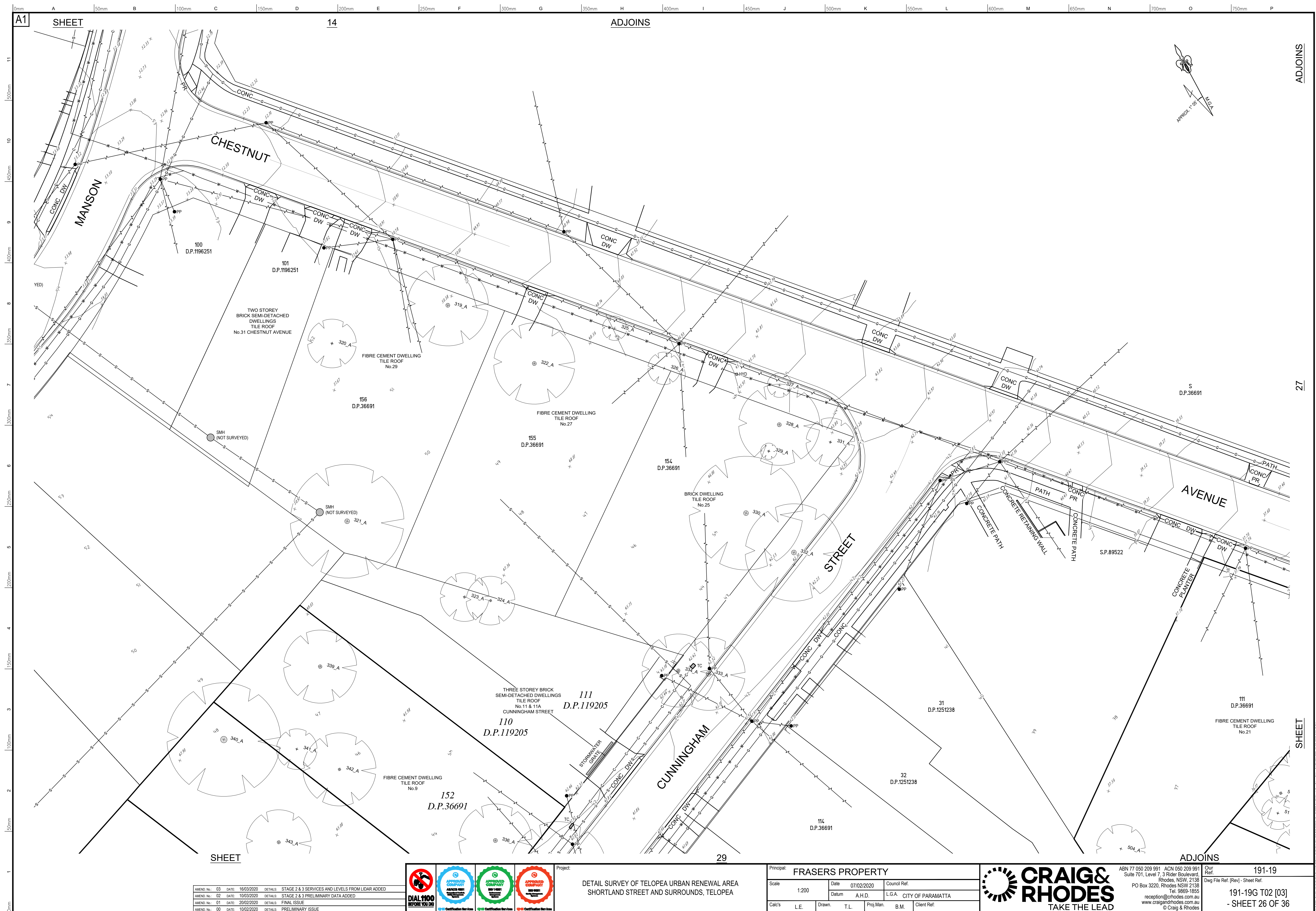
Project: **DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA**
SHORTLAND STREET AND SURROUNDS, TELOPEA

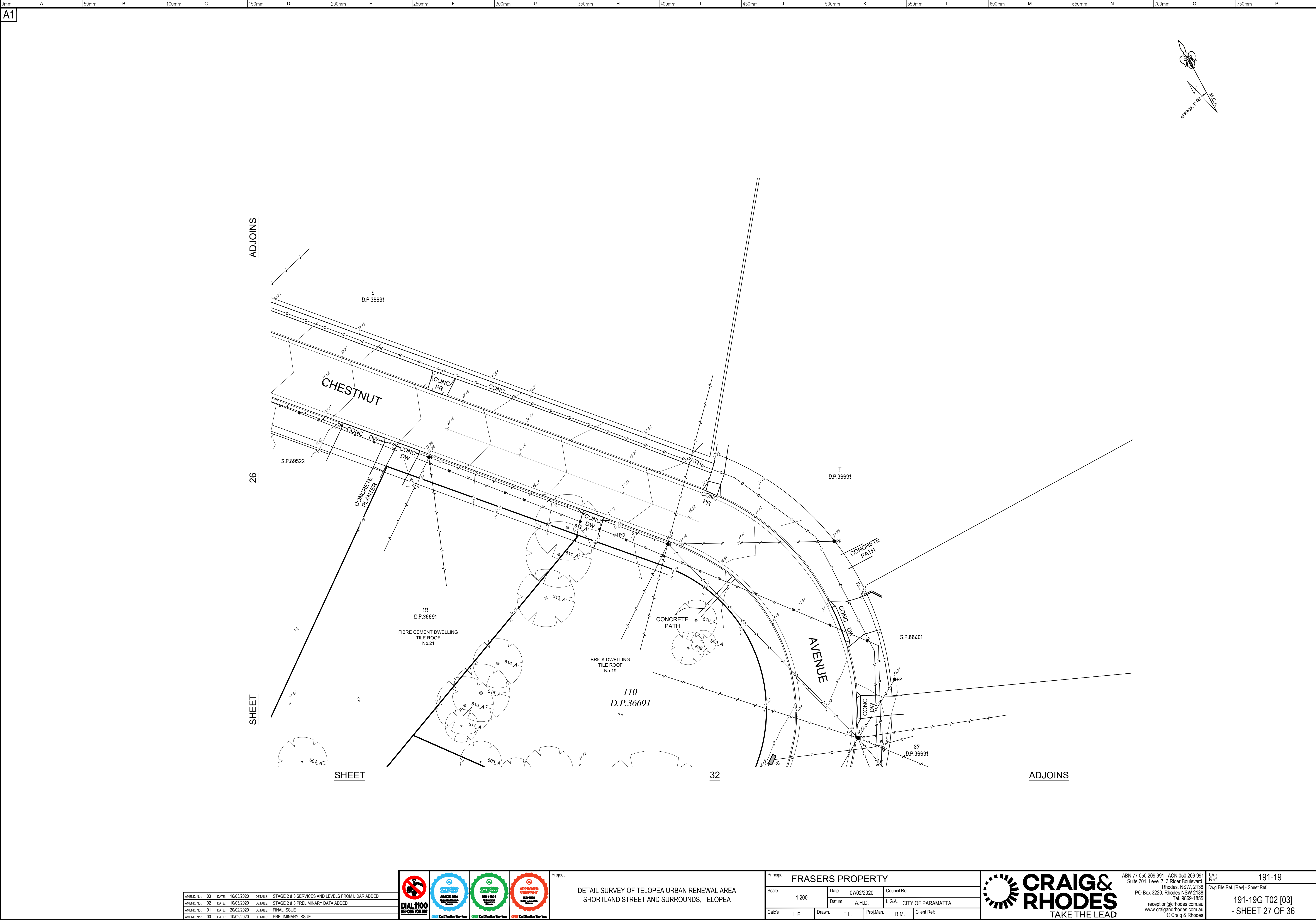
Principal: FRASERS PROPERTY						
Scale 1:200		Date 07/02/2020		Council Ref.		
		Datum A.H.D.		L.G.A. CITY OF PARAMATTA		
Calc's L.E.		Drawn. T.L.		Proj.Man. B.M.		Client Ref:



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AMEND. No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND. No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND. No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
AMEND. No.	00	DATE	10/02/2020	DETAILS	PRELIMINARY ISSUE

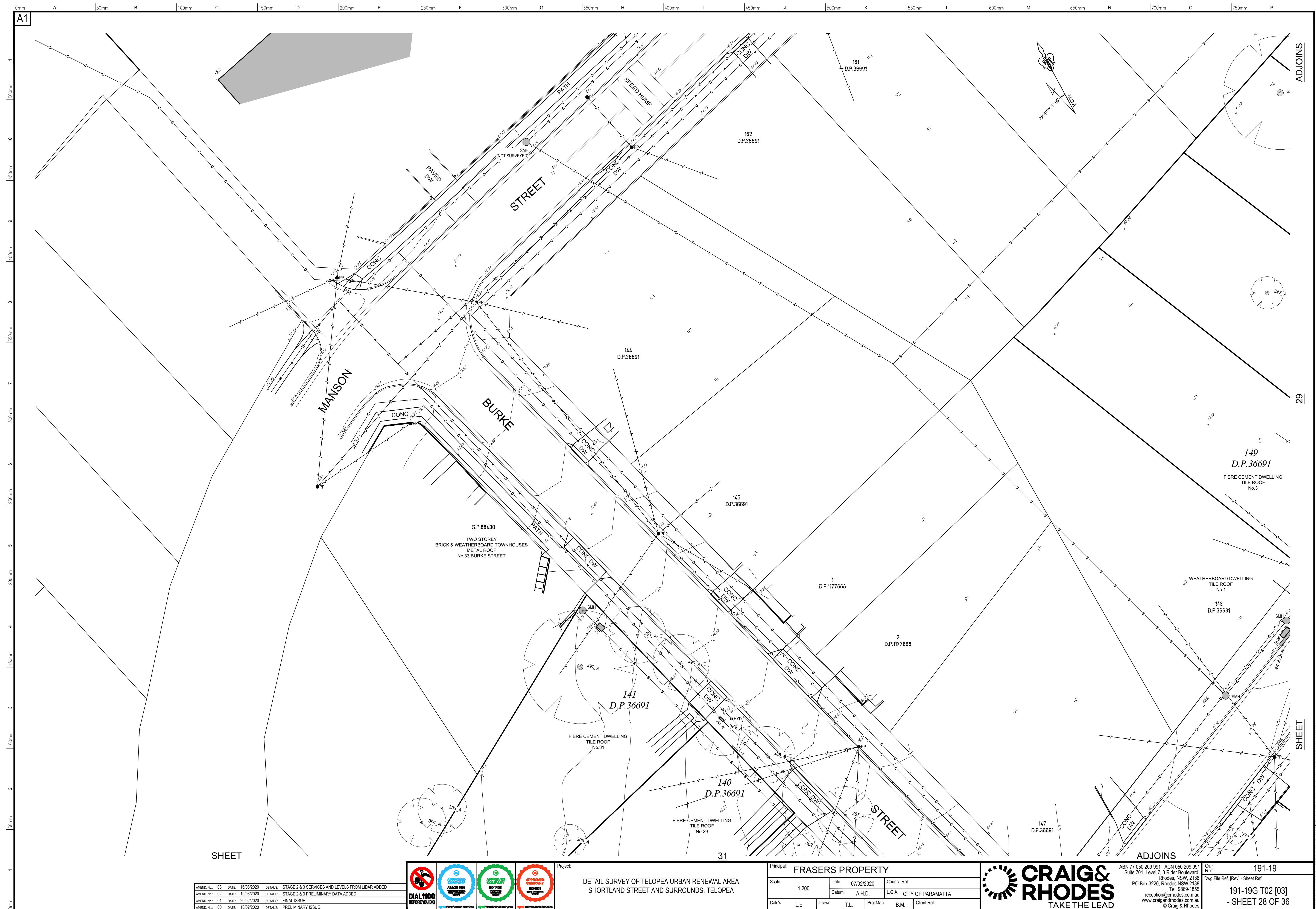


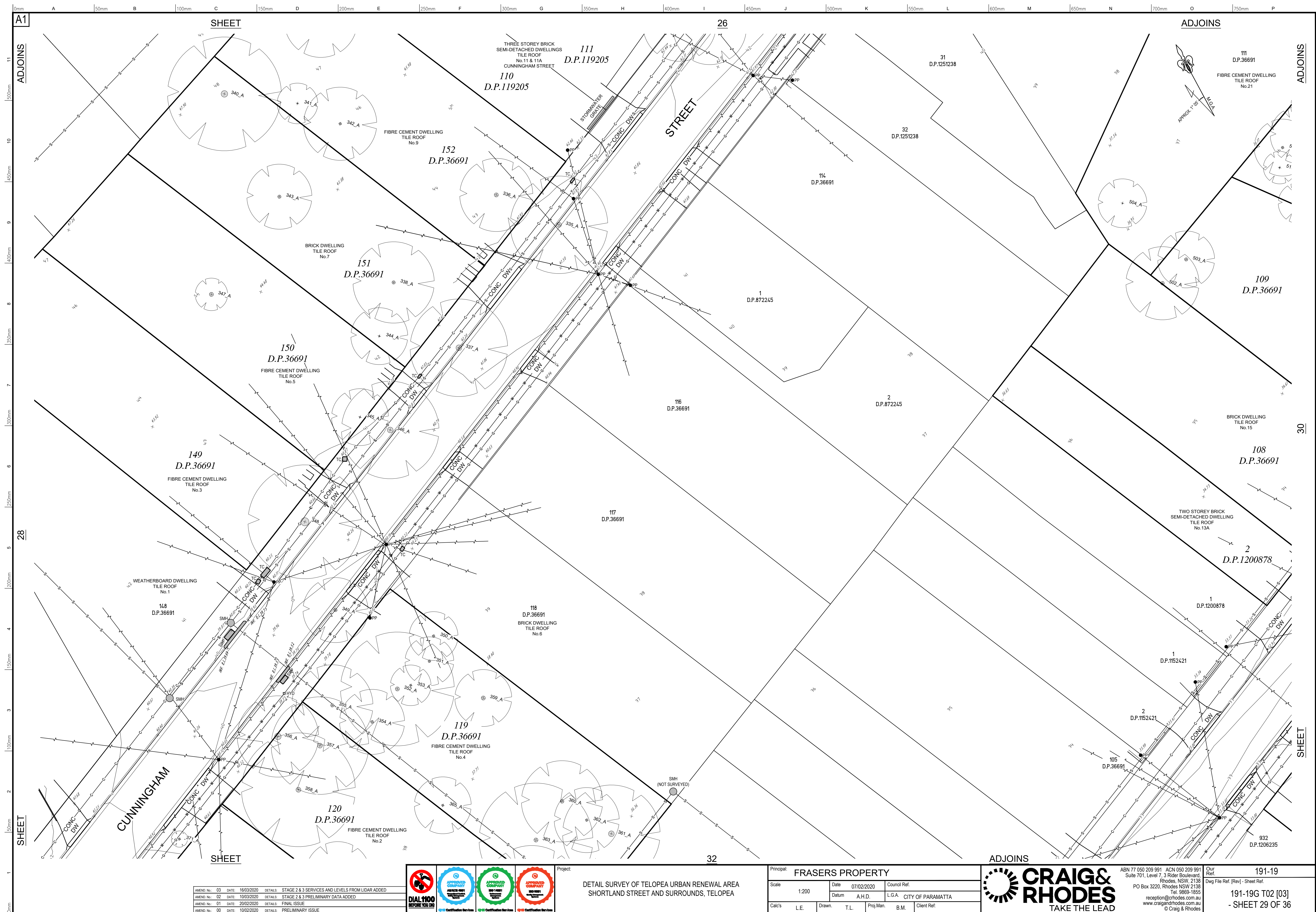
Project: **FRASERS PROPERTY**
DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

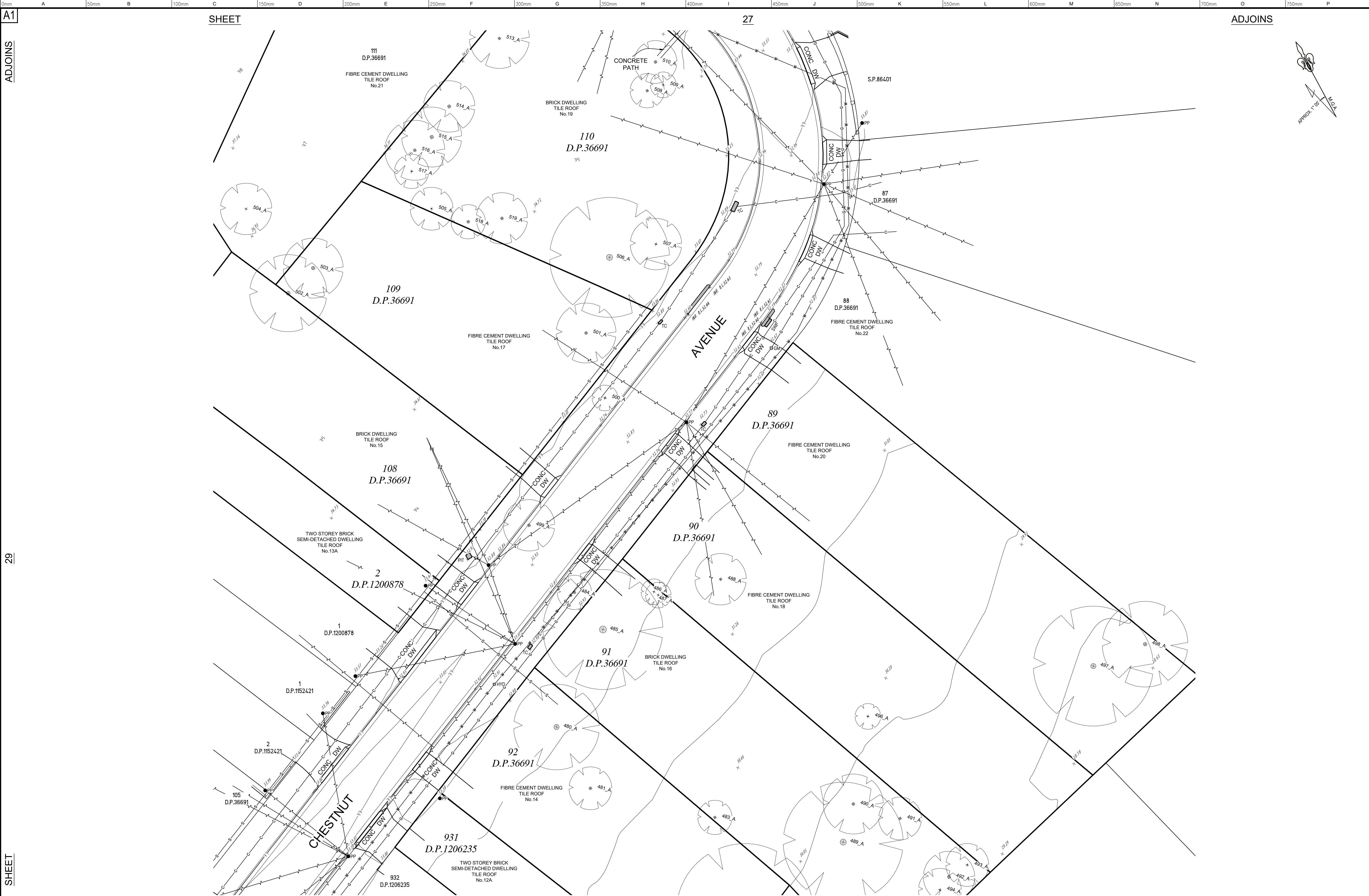
Principal:	FRASERS PROPERTY				
Scale:	1:200	Date:	07/02/2020	Council Ref.	
Cal'c's	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
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0mm 50mm 100mm 150mm 200mm 250mm 300mm 350mm 400mm 450mm 500mm 550mm 600mm 650mm 700mm 750mm

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ADJOINS

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SHEET

ADJOINS

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APPROX 1:85

N.G.A.

AMEND No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
AMEND No.	00	DATE	10/02/2020	DETAILS	PRELIMINARY ISSUE



Project: DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

Principal:	FRASERS PROPERTY				
Scale:	1:200	Date:	07/02/2020	Council Ref:	
Cal's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
				Client Ref:	

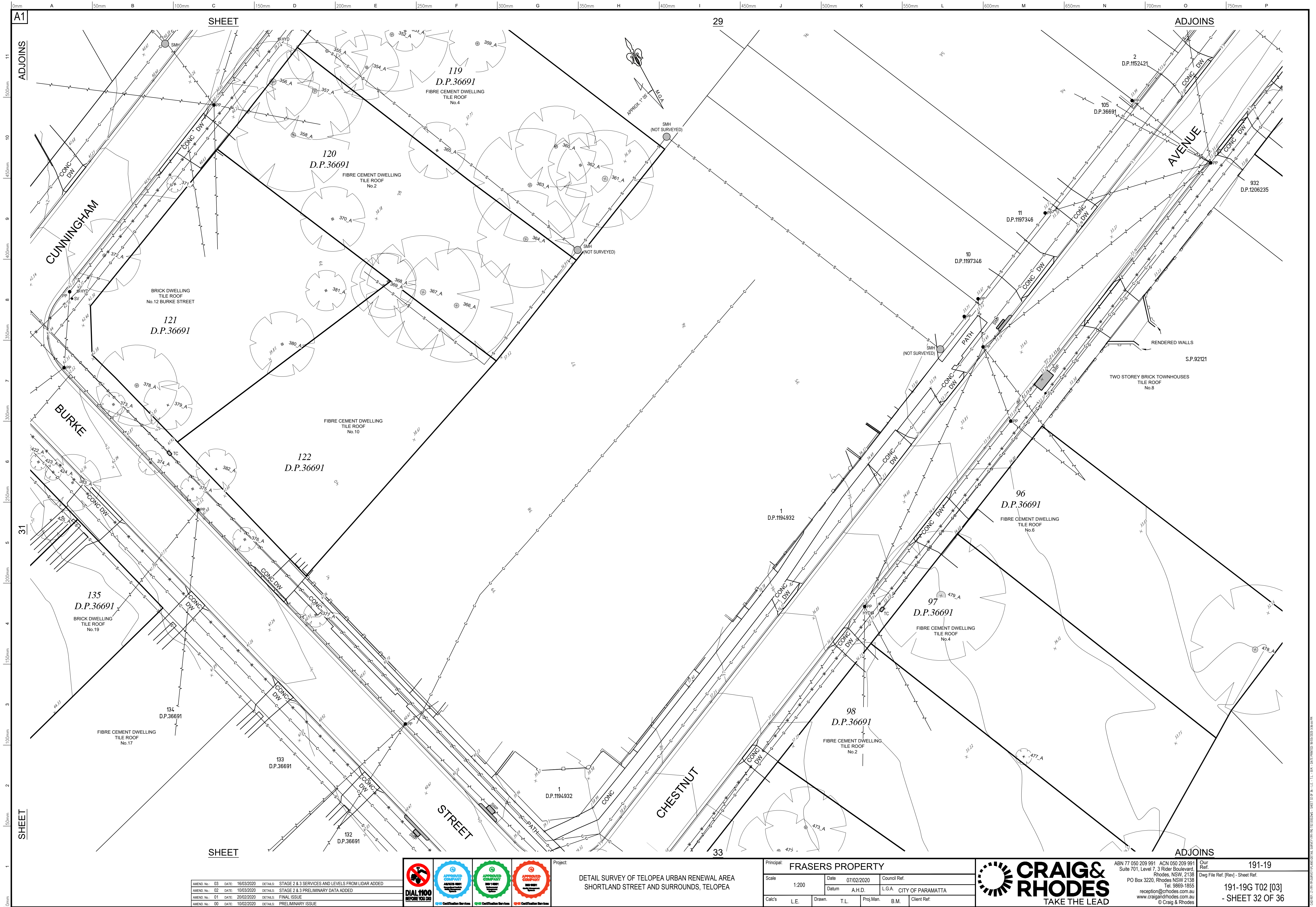


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AMEND No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
AMEND No.	00	DATE	10/02/2020	DETAILS	PRELIMINARY ISSUE

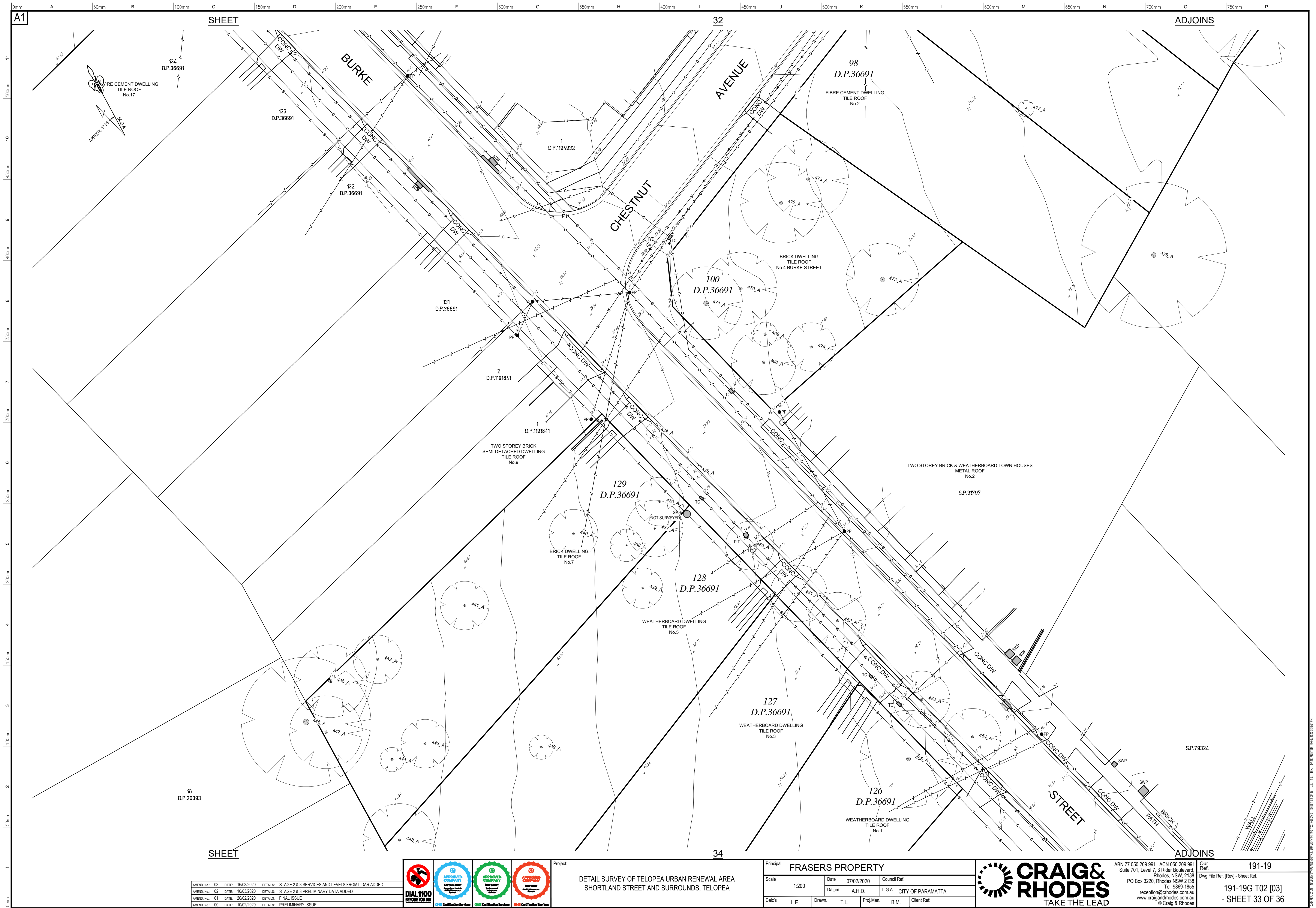


Project: **DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA**
SHORTLAND STREET AND SURROUNDS, TEOPEA

Principal:	FRASERS PROPERTY				
Scale:	1:200	Date:	07/02/2020	Council Ref.	
Datum:	A.H.D.	L.G.A.	CITY OF PARAMATTA		
Cal's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
				Client Ref:	



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AMEND. No.	03	DATE	16/03/2020	DETAILS	STAGE 2 & 3 SERVICES AND LEVELS FROM LIDAR ADDED
AMEND. No.	02	DATE	10/03/2020	DETAILS	STAGE 2 & 3 PRELIMINARY DATA ADDED
AMEND. No.	01	DATE	20/02/2020	DETAILS	FINAL ISSUE
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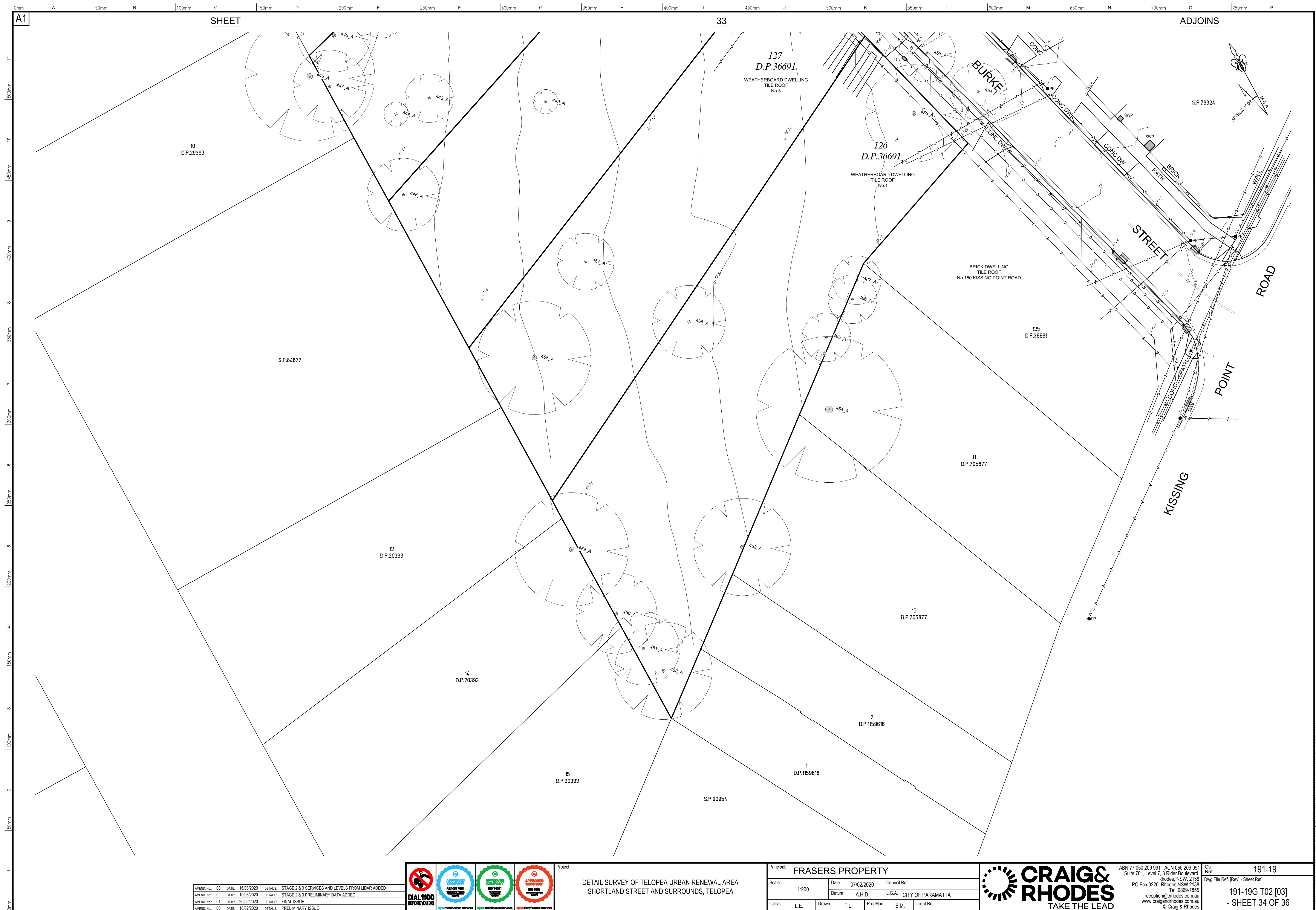


Project: DETAIL SURVEY OF TEOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TEOPEA

Principal:	FRASERS PROPERTY				
Scale:	1:200	Date:	07/02/2020	Council Ref.	
Datum:	A.H.D.	L.G.A.	CITY OF PARAMATTA		
Cal's:	L.E.	Drawn:	T.L.	Proj.Man:	B.M.
				Client Ref:	



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	6	A	319059.28	6259229.35		106	A	319007.87	6258894.72		206	A	319081.4	6258896.33		306	A	319019.41	6258681.15		406	A	318628.6	6258510.51		506	A	318874.34	6258492.53		606	A	318628.6	6258510.51		706	A	318628.6	6258510.51		806	A	318628.6	6258510.5		906	A	318628.6	6258510.51		1006	A	318628.6	6258510.51						
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	14	A	319048.82	6259266.24		114	A	319039.88	6259048.68		214	A	319074.72	6258951.65		314	A	319009.14	6258664.05		414	A	318625.2	6258492.63		514	A	318866.22	6258516.92		614	A	318625.2	6258492.63		714	A	318625.2	6258492.63		814	A	318625.2	6258492.63		914	A	318625.2	6258492.63		1014	A	318625.2	6258492.63						
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	7	18	A	319010.07	6259147.54		118	A	319078.51	6259054.2		218	A	319087.37	6258959		318	A	319022.02	6258652.17		418	A	318632.5	6258496.65		518	A	318861.8	6258504.01		618	A	318632.5	6258496.65		718	A	318632.5	6258496.65		818	A	318632.5	6258496.65		918	A	318632.5	6258496.65		1018	A	318632.5	6258496.65					
6	19	A	319003.12	6259142.19		119	A	319082.16	6259052.96		219	A	319085.74	6258970.06		319	A	319078.45	6258615.82		419	A	318655.1	6258491.74		519	A	318865.45	6258502.49		619	A	318655.1	6258491.74		719	A	318655.1	6258491.74		819	A	318655.1	6258491.74		919	A	318655.1	6258491.74		1019	A	318655.1	6258491.74						
	20	A	319006.55	6259138.15		120	A	319073.58	6259042.68		220	A	319111.77	6258945.69		320	A	318783.67	6258618.44		420	A	318653	6258490.02		520	A	318865.45	6258502.49		620	A	318653	6258490.02		720	A	318653	6258490.02		820	A	318653	6258490.02		920	A	318653	6258490.02		1020	A	318653	6258490.02						
	21	A	319003.52	6259133.96		121	A	319075.36	6259040.46		221	A	319118.61	6258953.87		321	A	318774.94	6258598.29		421	A	318667.6	6258485.2		521	A	318865.45	6258502.49		621	A	318667.6	6258485.2		721	A	318667.6	6258485.2		821	A	318667.6	6258485.2		921	A	318667.6	6258485.2		1021	A	318667.6	6258485.2						
	22	A	319003.2	6259130.79		122	A	319064.91	6259043.02		222	A	319128.65	6258959.42		322	A	318804.43	6258604.46		422	A	318668.6	6258483.59		522	A	318865.45	6258502.49		622	A	318668.6	6258483.59		722	A	318668.6	6258483.59		822	A	318668.6	6258483.59		922	A	318668.6	6258483.59		1022	A	318668.6	6258483.59						
	23	A	319012.33	6259136.38		123	A	319064.88	6259042.11		223	A	319118.38	6258962.29		323	A	318783.23	6258583.22		423	A	318669.4	6258481.54		523	A	318865.45	6258502.49		623	A	318669.4	6258481.54		723	A	318669.4	6258481.54		823	A	318669.4	6258481.54		923	A	318669.4	6258481.54		1023	A	318669.4	6258481.54						
	5	24	A	319011.52	6259107.64		124	A	319056.57	6259040.64		224	A	319109.31	6258962.44																																													



Project:

DETAIL SURVEY OF TELOPEA URBAN RENEWAL AREA
SHORTLAND STREET AND SURROUNDS, TELOPEA

Principal: FRASERS PROPERTY

Scale 1:200		Date 07/02/2020		Council Ref.		
		Datum A.H.D.		L.G.A. CITY OF PARAMATTA		
Calc's	L.E.	Drawn.	T.L.	Proj.Man.	B.M.	Client Ref.



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