The Working Week Lease and Lease and

Marc Jaspers & Richard Harrison



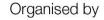
Presente, 2016

FIG Working Week 2016

CHRISTCHURCH, NEW ZEALAND 2-6 MAY 2016

Recovery

from disaster





Platinum Partners





Land Information



Recovery





Platinum Partners:

Diamond Partner





Land Information New Zealand Toitū te whenua



Recovery





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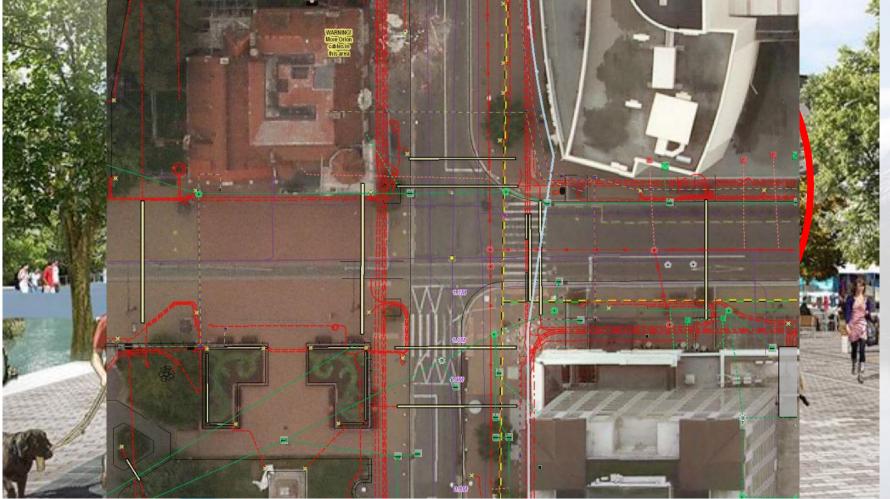


Land Information New Zealand Toitû te whenua



Recovery

from disaster





Platinum Partners:

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Land Information New Zealand Toitû te whenua

FIG V	Vorking Wee	k 2016
	CH, NEW ZEALAND 2–6 MAY 2016	Recovery
		from disaster
Unique ID	Physical colour	Vertical datum
	Trench ID	Data release date
Date of sca	an	
	3D MODELED	
Materia	type ELEMENTS	Surveyors initials
Photo ID	Survey firm	Service type
	Modeled col	our
Job number	Size	Survey origin mark
		Platinum Partners: Diamond Partner



Platinum Partners:

Land Information New Zealand





from disaster

DATA FORMATS

- AutoCAD (.dwg)
- 12d (.12da)
- Annotated photos (.jpg)
 - Industry Foundation Class (.ifc)
 - Point Cloud (.e57)
- Web viewer (Leica TruView)



Platinum Partners:

Trimble.

esri 🖉 🔤







from disaster

Laser scanningvConventional surveyHealth and safety – stay out of the trenchVerification – revisit on demand

Complete range of deliverables – future proof



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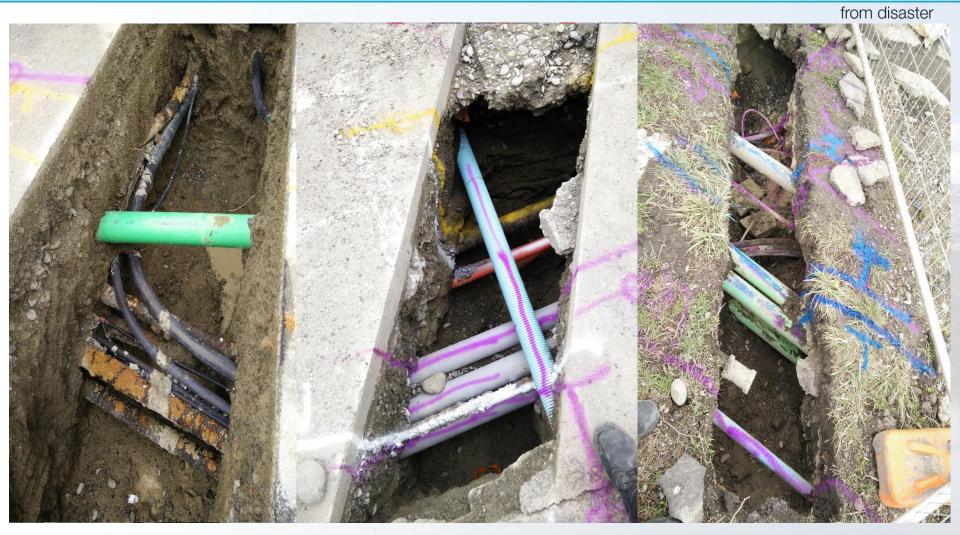
and Information







Recovery





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from disaster

238 slot trenches up to 20m long

620 scans

2739 modelled objects

Over 41,000 attributes



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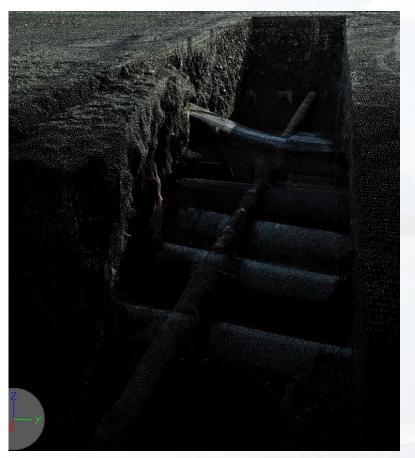
FIG Working Week 2016

CHRISTCHURCH, NEW ZEALAND 2-6 MAY 2016

Recovery

from disaster

PROCESSING



	Attribute	Туре	Value
1	unique ID	Text	1.28.32
2	service type	Text	Reticulated_water
3	diameter	Real	0.05000000
4	modelled colour	Text	Blue
5	physical colour	Text	Grey
6	date of scan	Text	2015-09-07
7	photo ID	Text	\Images\28
8	material type	Text	Iron
9	survey firm	Text	Beca
10	survey job number	Text	3330613-110
1	surveyor name	Text	CR+JV
12	data release date	Text	2015-10-16
13	origin mark name	Text	EKKA
14	vert datum	Text	CDD
15	string_no	Text	1.28.32
16	Tags	Group	
17	ifc_guid_1	Text	0yVb0saH59kBd0I7d
18	ifc_guid	Text	2adlcIZTf06RswPZ5
19			





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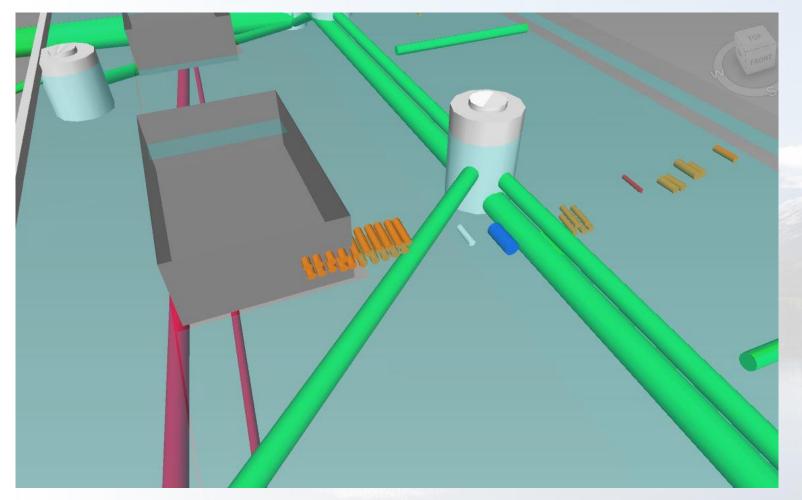






Recovery

from disaster





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• UNIQUE

LEVERAGE ON EVERY EFFICIENCY

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from disaster