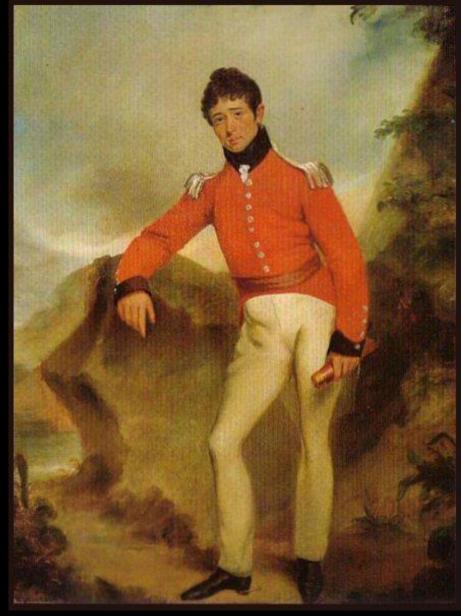
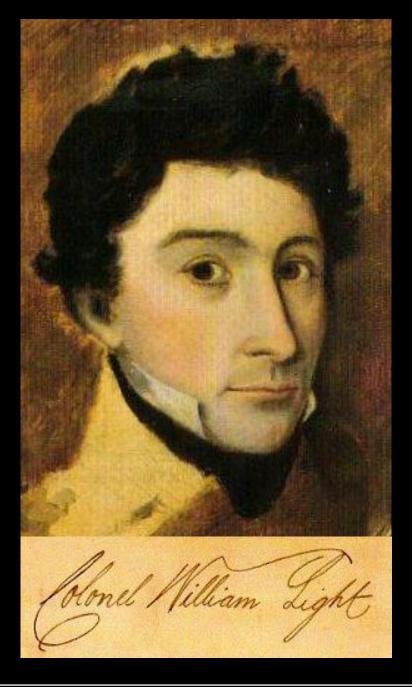
# Light Years Ahead:

The role of design, survey and land management in disaster risk management, future proofing Adelaide

> Kelly Henderson khenderson002@gmail.com



**LIGHT**, Colonel William, Australia, 1786–1839 **Self portrait**, c.1815 Britain, Oil on canvas on board, 83.8 x 61.8 cm Art Gallery of South Australia, Adelaide; 866P21



## William LIGHT

**born 27 April 1786** (Kualah Kedah, Malaya)

died 6 October 1839 (Adelaide, South Australia)

Sailor, soldier, linguist, artist, musician and mechanist, and good in all

### DISASTER RISK MANAGEMENT

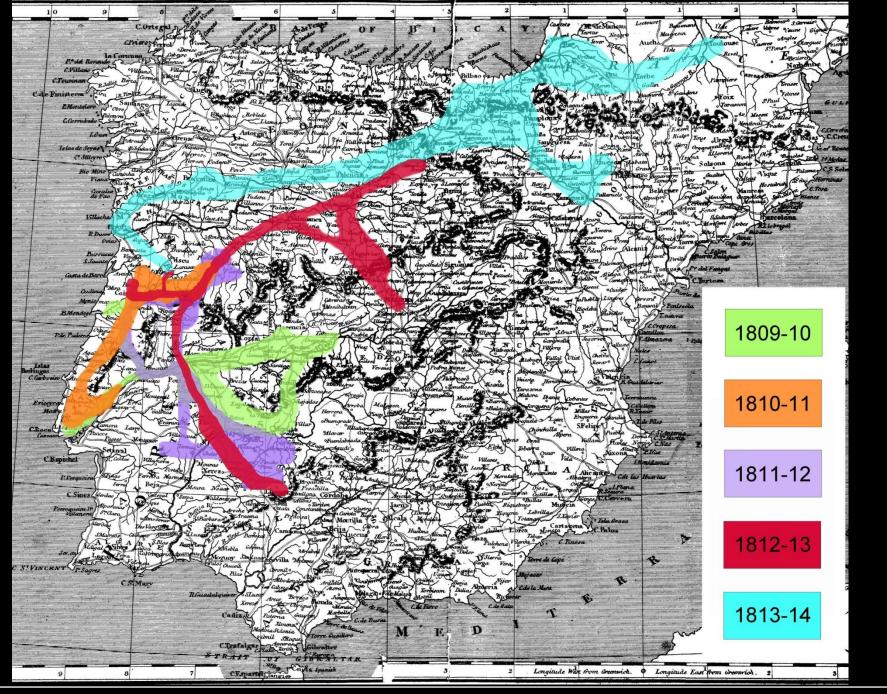
An ounce of prevention worth a pound of cure

## EXPERIENCE

## OBSERVATION

## INTELLIGENT INDEPENDENT INFORMATION-BASED PLANNING





### Montemor-o-Vehlo and the Mondego River, Portugal

### Adelaide and the River Torrens, South Australia



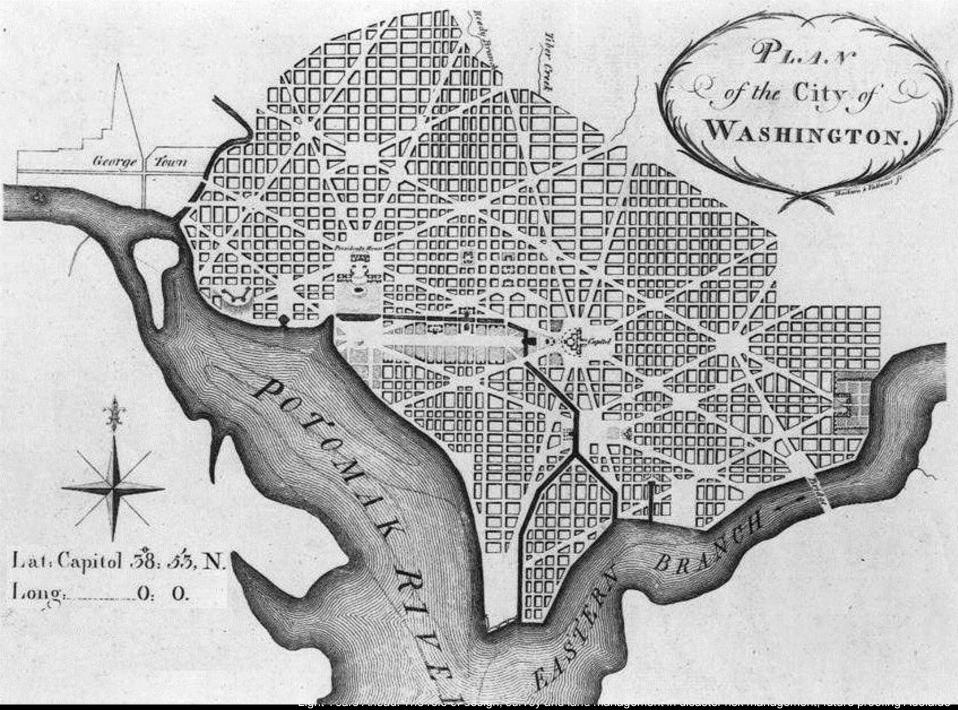
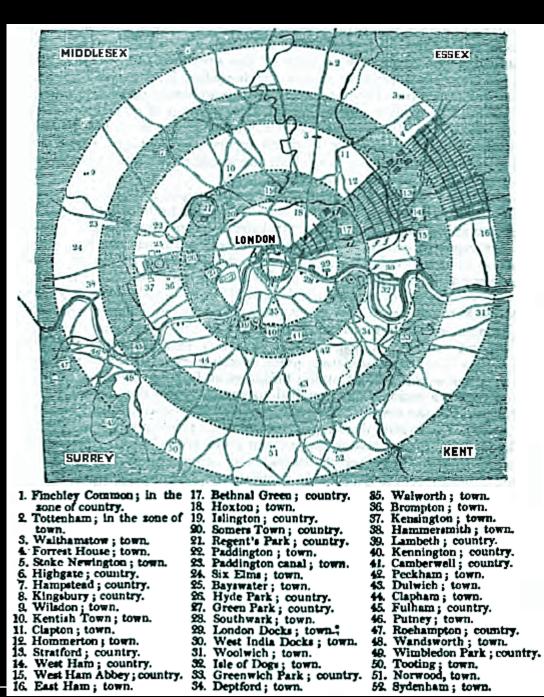


FIG Working Week 2016 'Recovery from Disaster', Christchurch, New Zealand, 4 May 2016.



John Claudius LOUDON, c1829

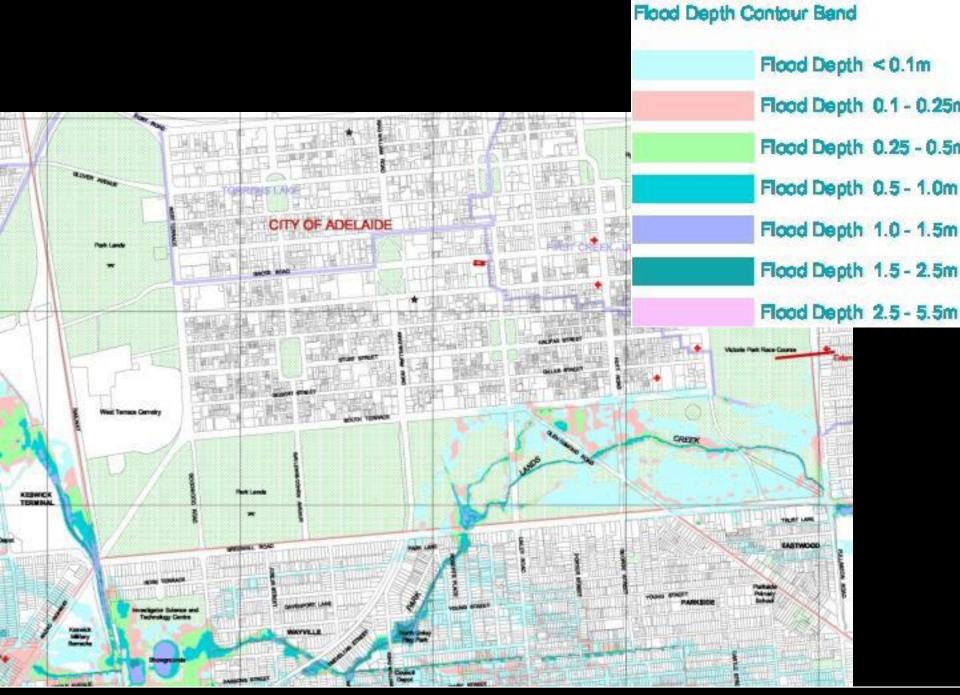
#### Breathing Hints for the Metropolis



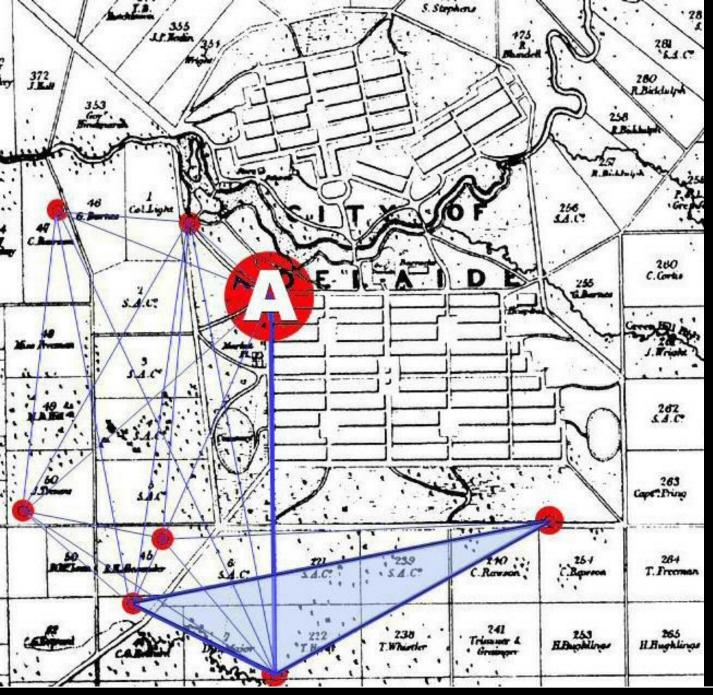
Plan of The City of Adelaide, South Australia 1837

Copied from a Plan by W Light Esq by W Jacob Assist[an]t Surveyor. Presented to the Corporation of the City of Adelaide by Her Majesty Queen Elizabeth II. February, 1963.

City of Adelaide Archives Civic Collection CC001383



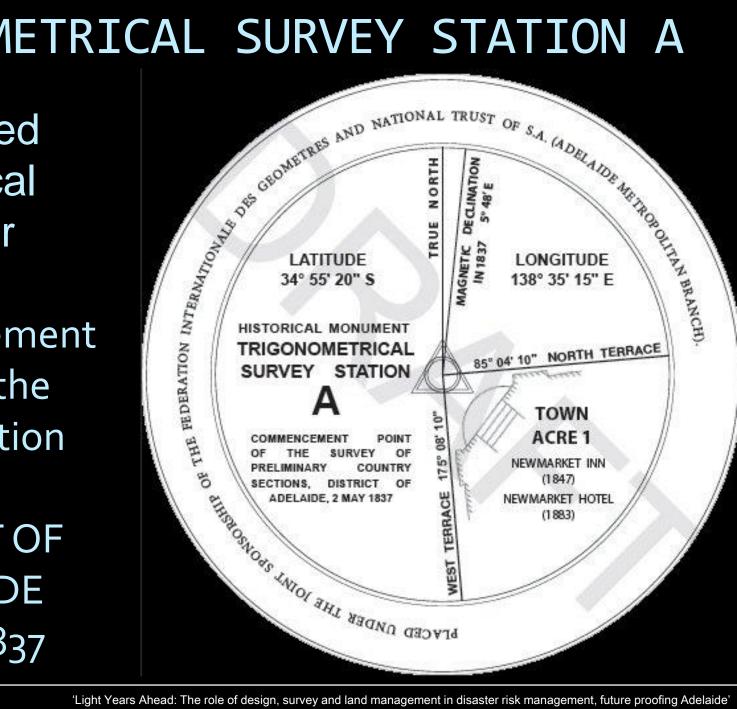
'Light Years Ahead: The role of design, survey and land management in disaster risk management, future proofing Adelaide' FIG Working Week 2016 'Recovery from Disaster' Christchurch New Zealand 4 May 2016



## TRIGONOMETRICAL SURVEY STATION A

Proposed **Historical** Marker

Commencement point of the Triangulation ofthe **DISTRICT OF** ADELAIDE 2 May 1837



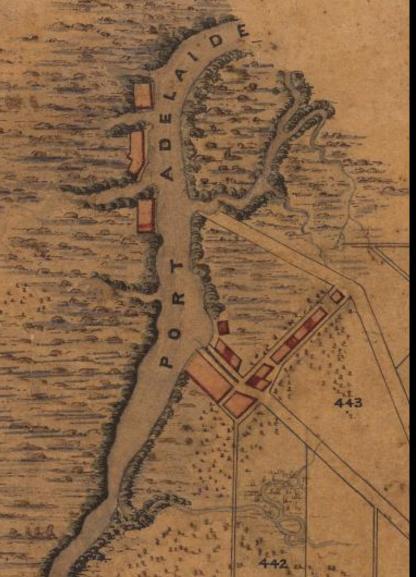


Plan of the District of Adelaide South Australia Showing the Property of the South Australian Company Adelaide 1838.

*"Light, Finniss & Co. Stephens Place Oct. 1838"* 

Signed by William Light:

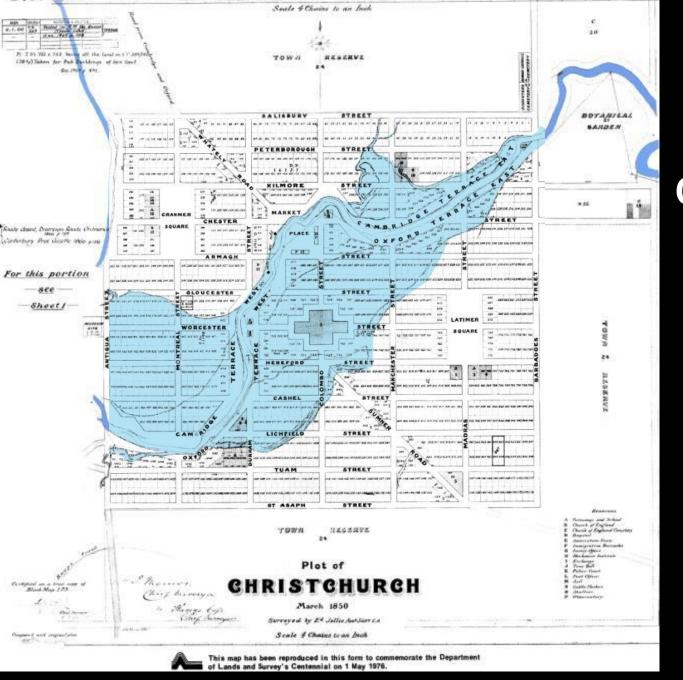
Mortlock Library of South Australiana, BRG42/120/17, State Library of South Australia



Details of the Plan of the District of Adelaide Showing the Property of the South Australian Company, Light Finniss & Co., Oct 1838

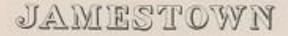


Mortlock Library of South Australiana BRG 42/120/17 State Library of South Australia

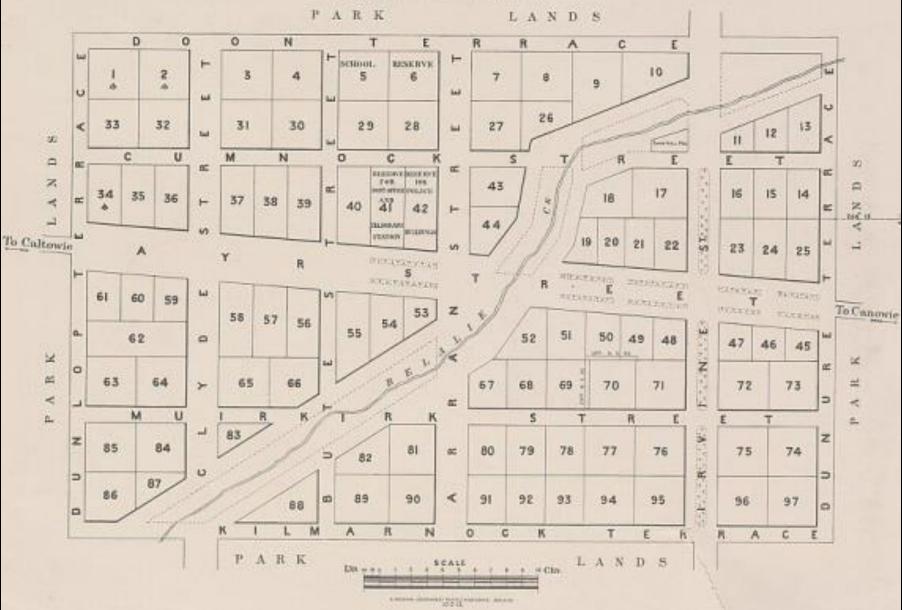


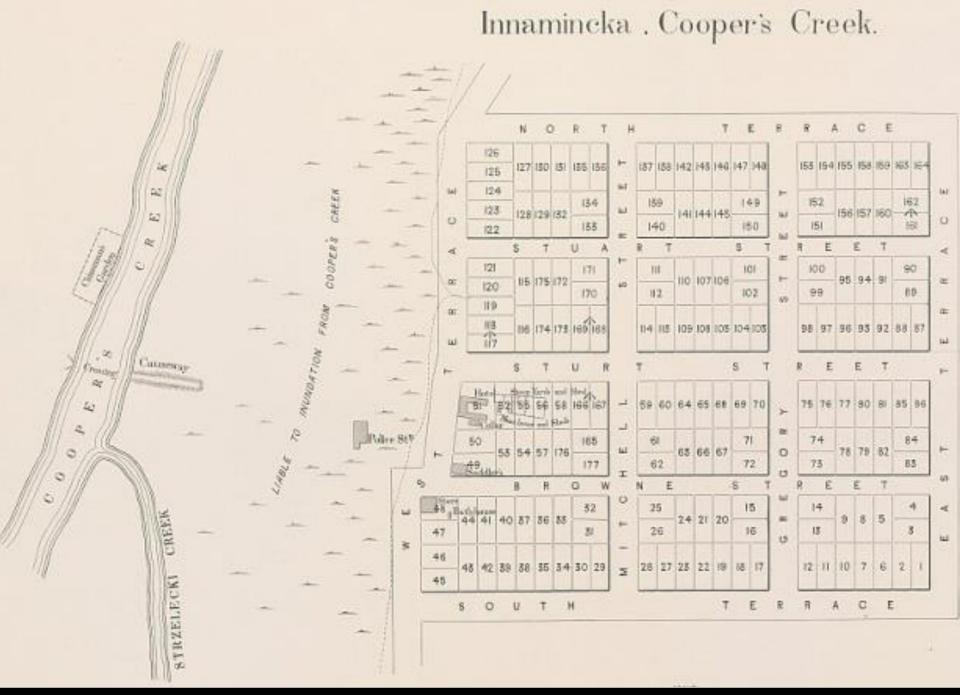
Plot of CHRISTCHURCH March 1850

Surveyed by Edward Jollie Assistant Surveyor

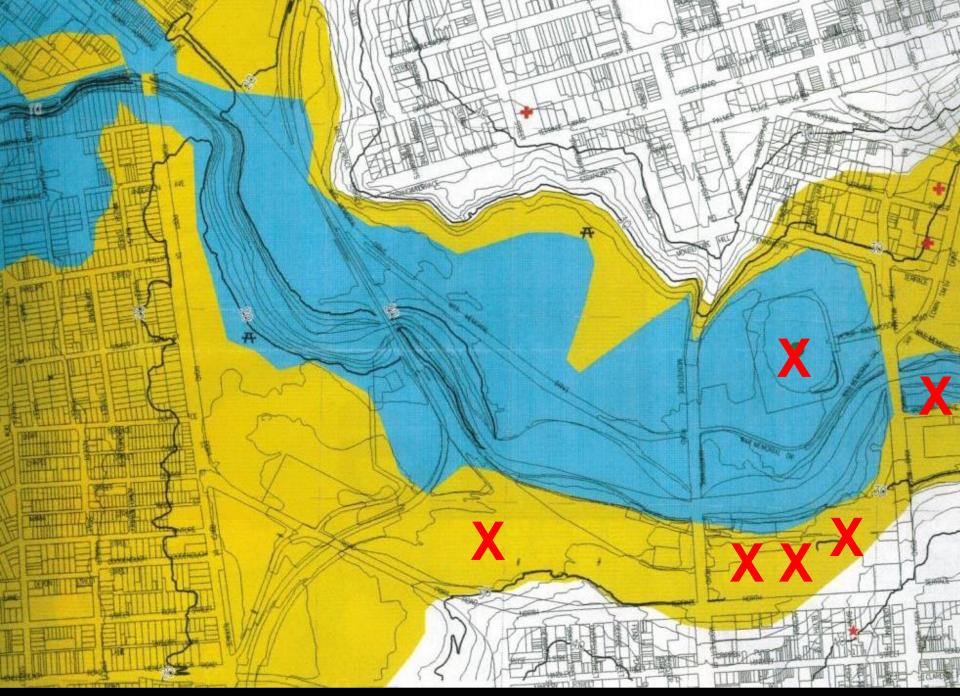


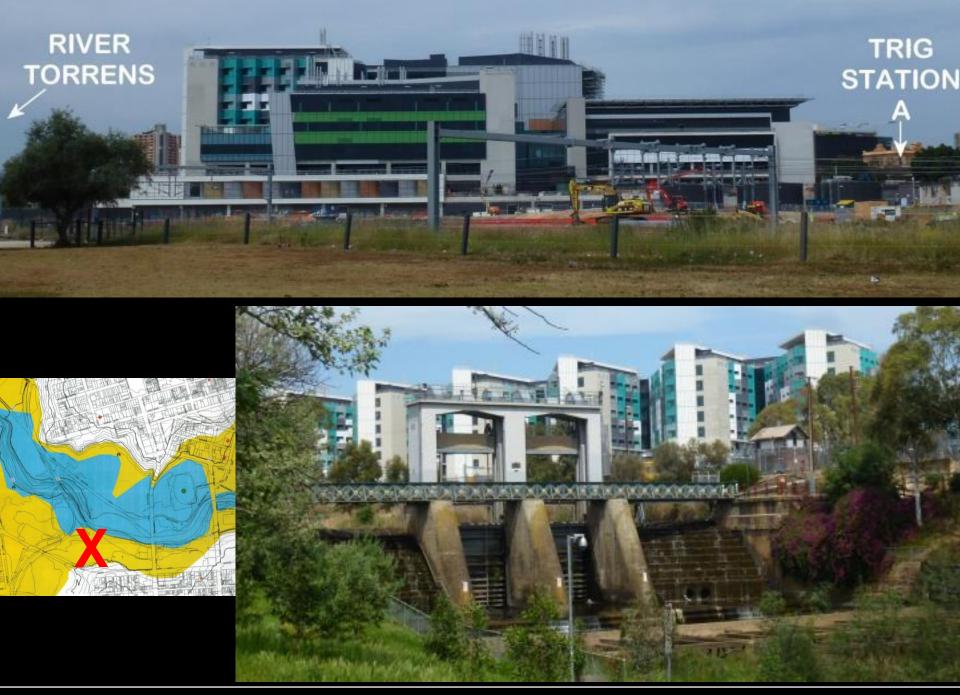
#### Hundred or Belalie











## River Torrens Valley

#### PUBLIC RIVERBANK RESERVE Bowden to Hackney

## NEW ZEALAND'S SKYCITY ENTERTAINMENT GROUP ADELAIDE CASINO

https://riverbank.sa.gov.au/adelaide-casino-expansion-approved/

- 11-storey development: 80-room luxury hotel; signature restaurants; premium gaming facilities
- has 'taken on broad concerns about the heritage-listed railway station', the Adelaide Railway Station building will remain intact under approved plans
- 'world-class', 'integrated entertainment destination on Adelaide's Riverbank'
- 'creating an edge for South Australian tourism'
- 'attracting a bigger share of Australia's international visitors'

State Government released plans for the plaza [Riverbank] including an office tower (in blue) [Walker Corporation] and a new casino hotel (yellow) [SkyCity Entertainment Group]. *InDaily* 12 Aug 2015



SKYCITY Casinso expansion in Adelaide (Right) **ARTIST'S IMPRESSION** (below) \$300m 11-storey ABC News 26 Jan 2016



### **SKYCITY CEO Nigel Morrison:**

"The SKYCITY Adelaide expansion will be a positive addition to the Festival Plaza re-development project"

http://www.skycityentertainmentgroup.com/media-centre/mediareleases/2016/january/22/adelaide-casino-expansion-plan-getsgreen-light/

James Askham-Levy Public Relations Manager, Adelaide Casino DDI: +61(0)8212 4180 Mobile: +61(0)406975446 E-mail: James.Askham-Levy@adelaidecasino.com.au

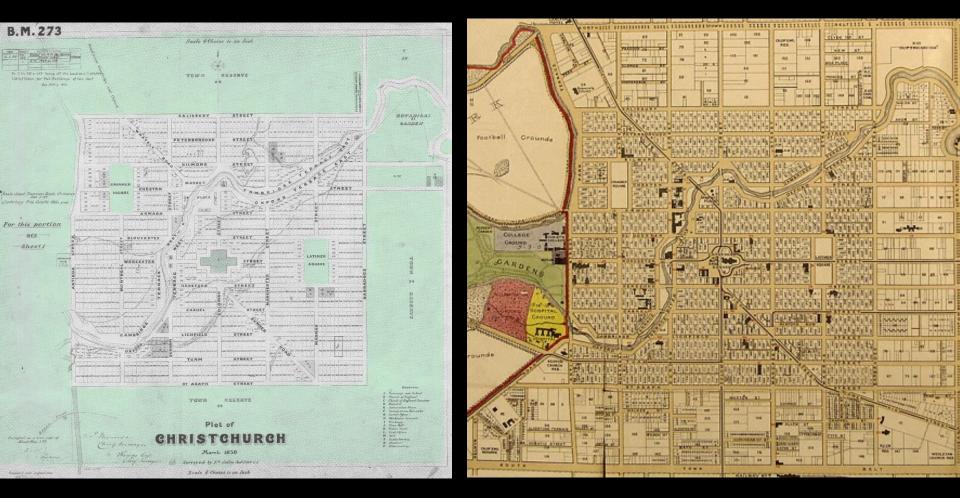


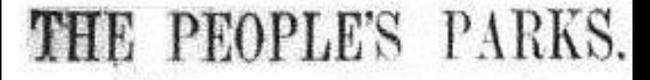


Seoul's Cheonggyecheon area before stream restoration

> and restoration concept

Loss of greenbelt Town Reserves, Christchurch, Canterbury, New Zealand (right) compared with the original survey B.M. 273 Plot of the City of Christchurch, March 1850. Surveyed by Edward Jollie Assistant Surveyor, CA (left), colour added.





## BIG AREAS GONE ..

## THE SCHEME OF COLONEL LIGHT.

### ENTIRELY SET ASIDE.

#### TIME TO CALL A HALT.

(By our Special Reporters.)

## Christchurch's Town Reserves...

According to Thomas Worsnop, Town Clerk of the Corporation of the City of Adelaide,

...the 1842 Waste Lands Act which gave power to reserve land in Australia and New Zealand for

'Places for the Recreation and Amusement of the Inhabitants of any Town or Village'

had been brought into existence as a result of the '... circumstances surrounding the action of Governor Gawler in respect to the purchase of the [Adelaide] Park Lands...'

> Thomas Worsnop Town Clerk of the Corporation of the City of Adelaide Report on the Purchase of the Adelaide Park Lands, 1885

Captain Bagot: "Then the Government of that day resorted to a mock purchase, to prevent others exercising a perfectly legal right ...

#### **No!** [The Governor] made a bonâ fide purchase ... Captain Bagot, Legislative Council, Tuesday 4<sup>th</sup> September, 1849

After obtaining legal advice the Commissioners authorised Gawler to effect the purchase of the Park lands which he did, thus

"... the Park Lands and the other reserves in and around the city were purchased for and in the name, and **upon trust** for the citizens of Adelaide..." [emphasis added]

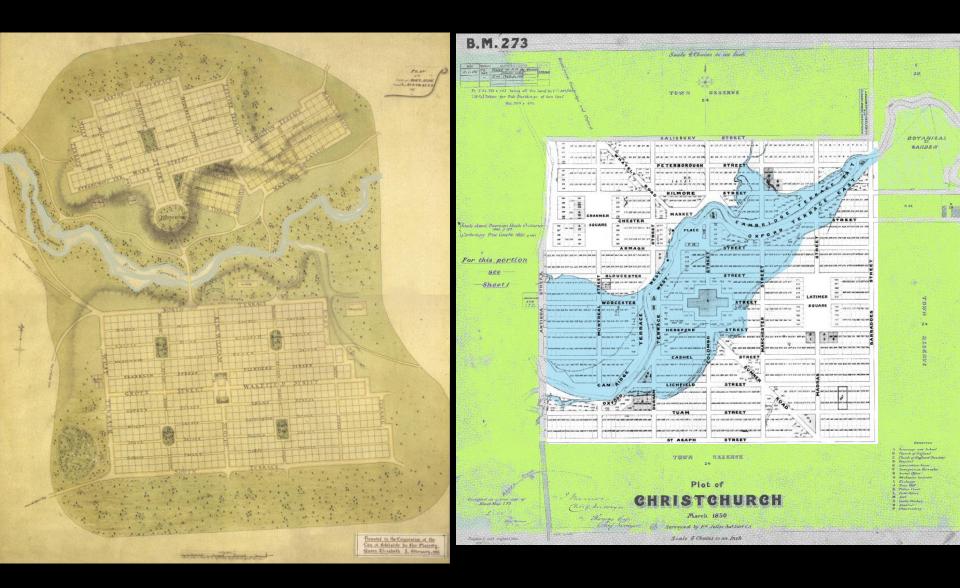
> Thomas Worsnop, Town Clerk of the Corporation of the City of Adelaide Report on the Purchase of the Adelaide Park Lands, 1885

<sup>&#</sup>x27;Light Years Ahead: The role of design, survey and land management in disaster risk management, future proofing Adelaide' FIG Working Week 2016 'Recovery from Disaster', Christchurch, New Zealand, 4 May 2016.

#### BILLS PAYABLE – FINANCIAL RECORD OF THE PURCHASE OF THE ADELAIDE PARK IN FEE SIMPLE ABSOLUTE (Marked "X") WITH NO RESERVE IN THE CROWN WHATSOEVER, NEITHER FOR ANYTHING BELOW, NOR ABOVE THE SURFACE OF THE SOIL

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\$2300 appear to be the Bills referret for							
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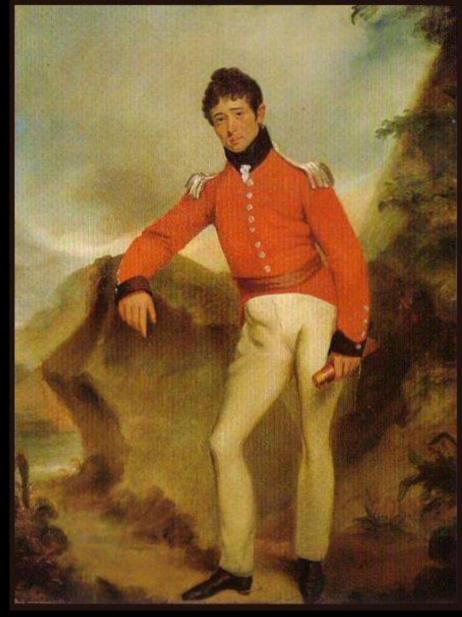
State Records of South Australia GRG 48 South Australian Colonization Commissioners



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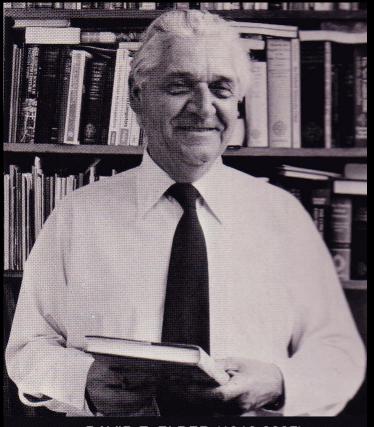
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David Elder William Light Collection gifted to Flinders University of South Australia, 2005



DAVID F. ELDER (1916-2005)

William Light's Brief Journal and Australian Diaries with an Introduction and Notes by David Elder (Wakefield Press, 1984)

Art of William Light, David Elder (Corporation of the City of Adelaide, 1987)

Colonel William Light, Geoffrey Dutton & David Elder (Melbourne University Press, 1991)

John R Porter, 'Light's Survey of Adelaide – facts, fables and fancies', *South Australian Geographical Journal*, Adelaide, Australia

John R Porter, South Australia's Shining Light – First S-G William Light, FIG2010 Sydney

K Henderson, 'Never Absent From Duty', *Actas XXII Colóquio de História Militar*, Lisbon, 2013

K Henderson, 'From Peninsular War to Coordinated Cadastre' ICA *History of Military Cartography*, Ghent, Dec 2014 (Springer International, 2016)