

FOR CONTINUATION REFER TO DRAWINGS NO. 005054

# LHAP Main Works: Existing Overland Flows (pre-construction) - South TTW

## Key

← Overland flow directional arrow

Existing 1 in 100 year overland  
flow contained within Goulburn  
Street road reserve. No external  
flows enter the hospital site.

Existing 1 in 100 year overland  
flow runs east along Elizabeth  
Street towards the railway line.

AMENDMENTS			CHK
REV	DATE	DESCRIPTION	

PROJECT  
**LIVERPOOL HEALTH & ACADEMIC  
PRECINCT**

**NSW** Health  
South Western Sydney  
Local Health District  
ELIZABETH STREET LIVERPOOL NSW

CLIENT  
**NSW** Health  
177 PACIFIC HWY, NORTH SYDNEY NSW 2060

PROJECT MANAGER  
**JOHNSTAFF**  
LEVEL 5/9 13 CASTLEREACH ST, SYDNEY NSW 2000

ARCHITECT  
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MECHANICAL / ELECTRICAL / SECURITY  
**JACOBS**

177 PACIFIC HWY, NORTH SYDNEY NSW 2060

HYDRAULIC / FIRE  
**Warren  
Smith &  
Partners**

LEVEL 9/223 CASTLEREACH ST, SYDNEY NSW 2000

QUANTITY SURVEYOR  
**CP**

11/263 ALFRED ST, NORTH SYDNEY NSW 2060

LANDSCAPE ARCHITECT  
**ALLENBURN LANDSCAPE**

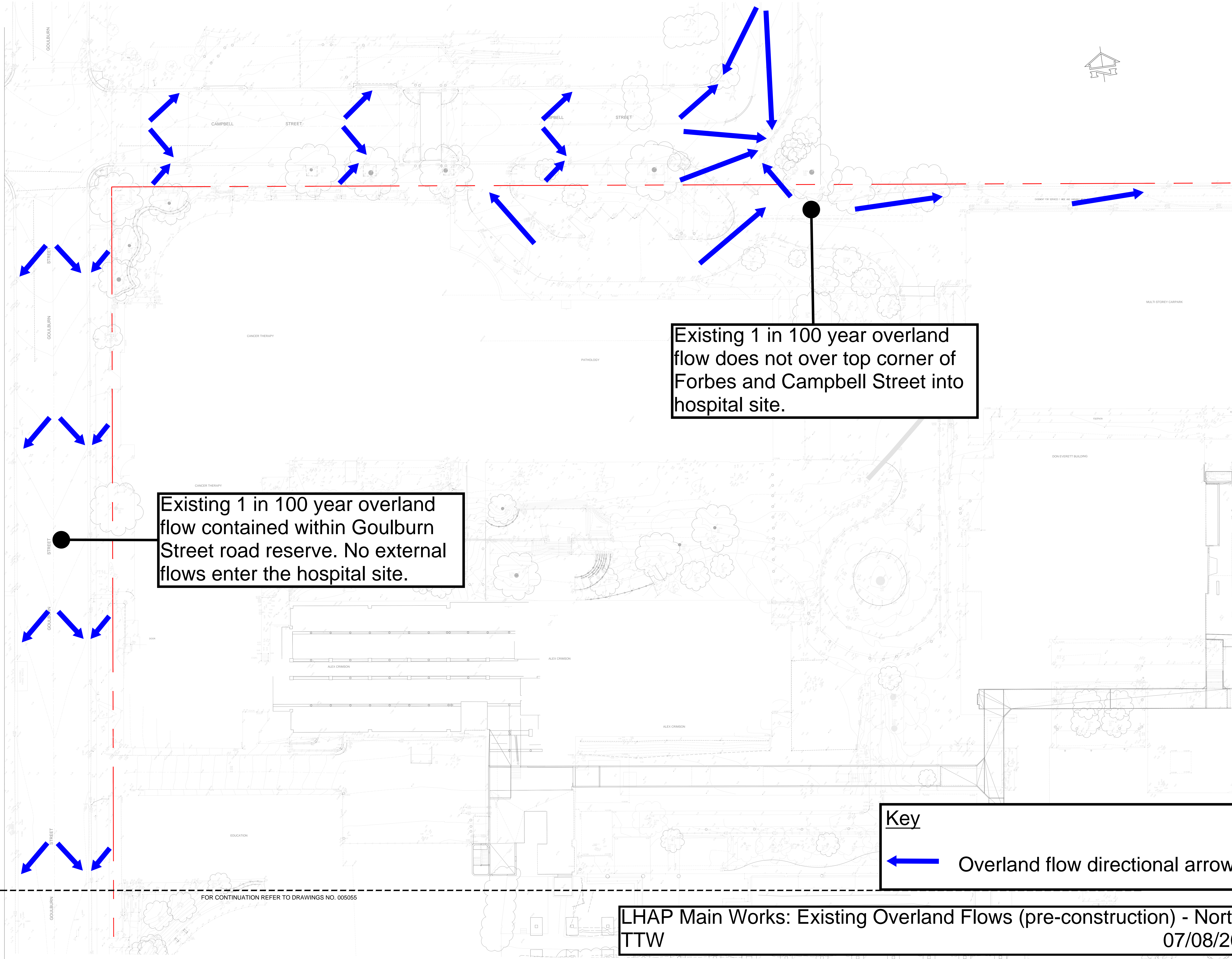
65-69 KENT ST, SYDNEY NSW 2000

DESIGN DEVELOPMENT  
NOT TO BE USED FOR CONSTRUCTION  
DRAWING

DRAWN	APPROVED	PRINT DATE
SH	TM	
SCALE @A0	PROJECT STAGE	ISSUE
1:200@A0	DESIGN DEVELOPMENT	
PROJECT NO.	DRAWING NO.	
181052 LHAP-CH-TTW-DRG-MW-005055	A	




AMENDMENTS			
REV	DATE	DESCRIPTION	CHK



Existing 1 in 100 year overland flow contained within Goulburn Street road reserve. No external flows enter the hospital site.

Existing 1 in 100 year overland flow does not over top corner of Forbes and Campbell Street into hospital site.

Key

 Overland flow directional arrow

LHAM Main Works: Existing Overland Flows (pre-construction) - North

TTW

07/08/20

PROJECT  
LIVERPOOL HEALTH & ACADEMIC  
PRECINCT

 Health  
South Western Sydney  
Local Health District  
ELIZABETH STREET LIVERPOOL NSW

CLIENT  
 Health  
Infrastructure  
14/177 PACIFIC HWY, NORTH SYDNEY NSW 2060

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HYDRAULIC / FIRE  
 Warren,  
North &  
Partners

LEVEL 9/220 CASTLEBROUGH ST, SYDNEY NSW 2000

QUANTITY SURVEYOR  
 CPR

11/263 ALFRED ST, NORTH SYDNEY NSW 2060

LANDSCAPE ARCHITECT  
 GARDINER LANDSCAPES

65-69 KENT ST, SYDNEY NSW 2000

DESIGN DEVELOPMENT NOT TO BE USED FOR CONSTRUCTION DRAWING		
DRAWN SH	APPROVED TM	PRINT DATE
SCALE 1:500 NTS	PROJECT STAGE DESIGN DEVELOPMENT	ISSUE
PROJECT NO. 181052 LHAM-CL-TTW-DRG-MW-005054	DRAWING NO. A	








**TTW** Taylor  
Thomson  
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Overland flow directional arrow



- |   |   |
|---|---|
|    | Siltation fence                                   |
|    | Stormwater pit with<br>Geotextile filter surround |
|   | Hay bale barriers                                 |
|  | Sandbag sediment trap                             |
|  | Catch drain                                       |

All overland flow from construction site to be routed through siltation fences, sediment trap, or filter pit surrounds.

Construction works do not impact any external overland flow paths.

Existing 1 in 100 year overland flow runs east along Elizabeth Street towards the railway line. Overland flow path not impacted by construction works.

65-69 KENT ST. SYDNEY NSW 2000

PROJECT NO. DRAWING NO. ISSUE  
181052 LHAP-CI-TTW-DRG-MW-005001 A

SCALE 1:500 0 5 10 15 20 25  
AT ORIGINAL SIZE



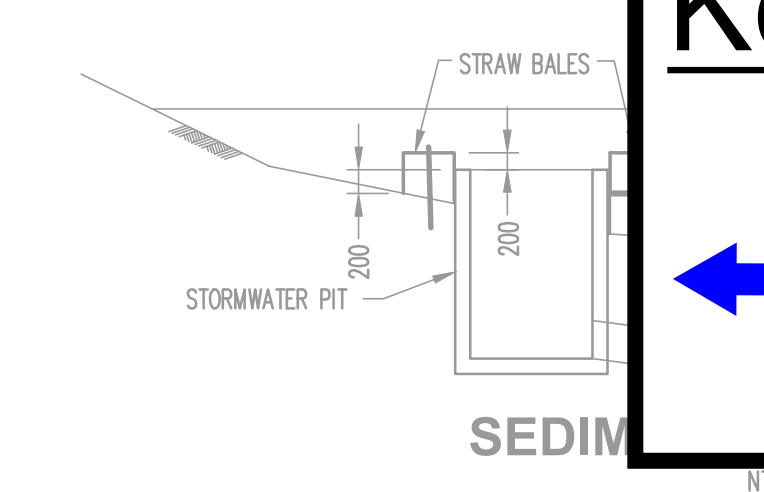
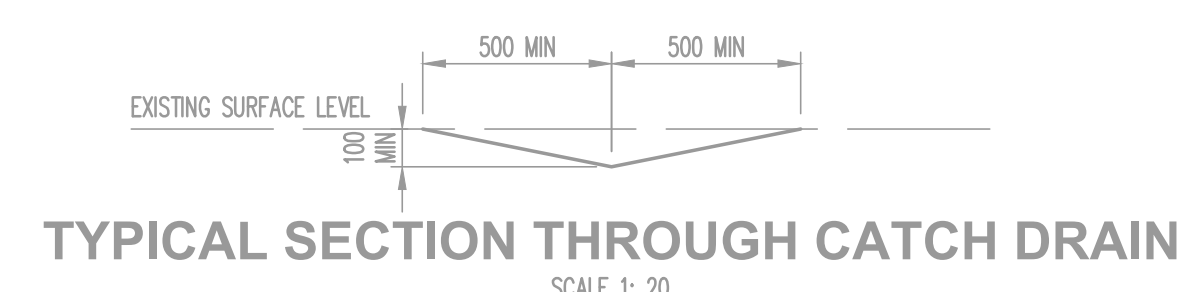
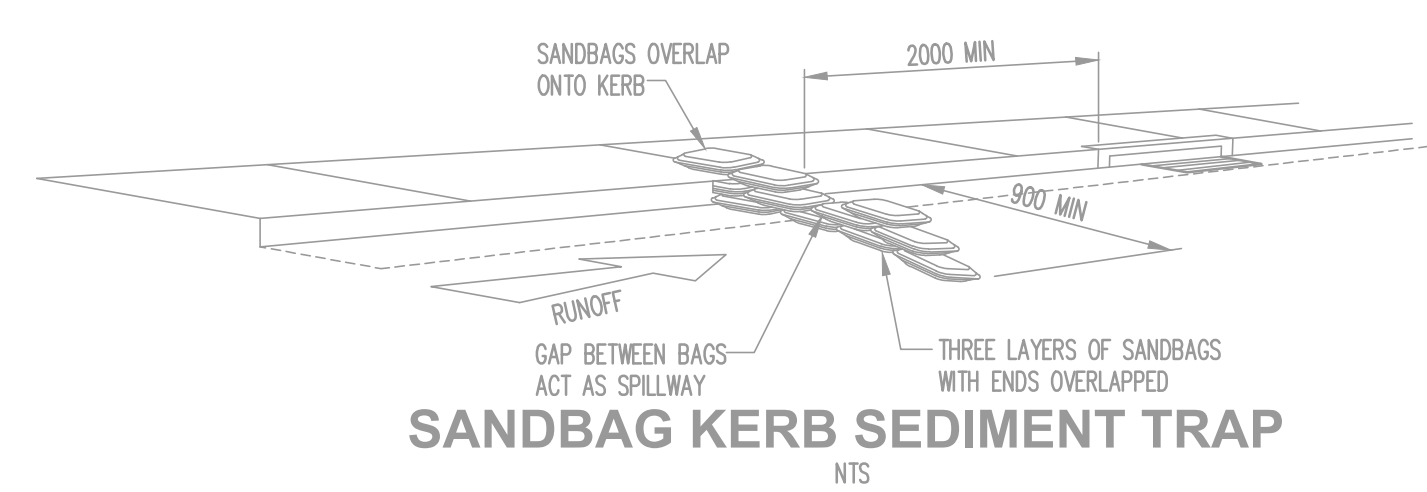
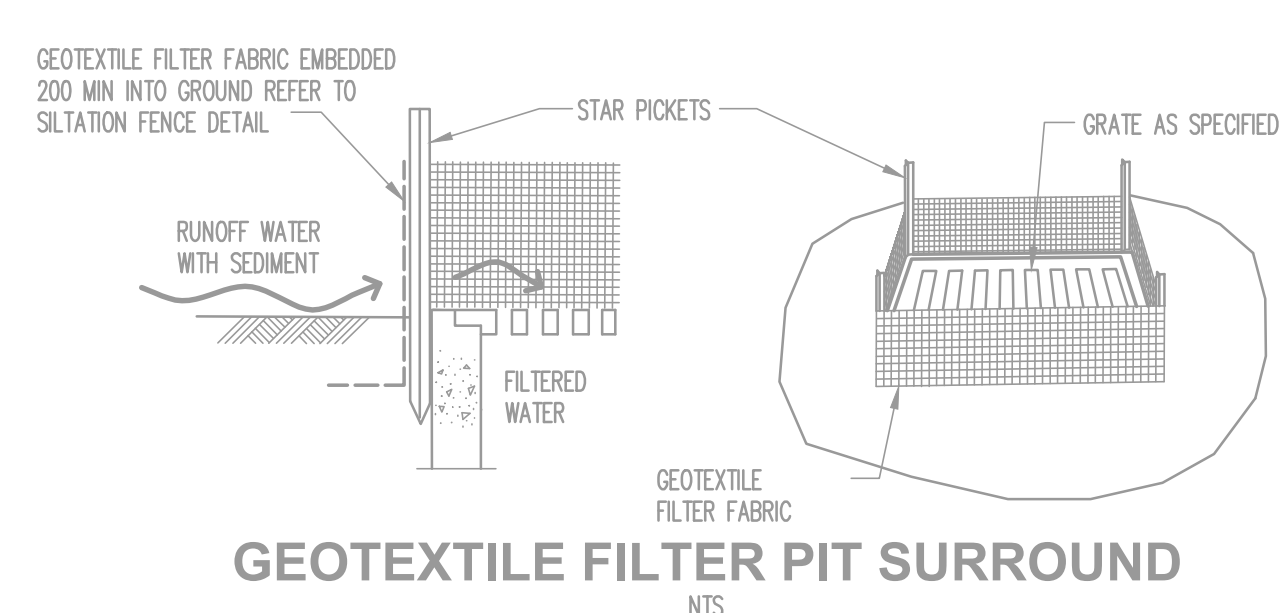
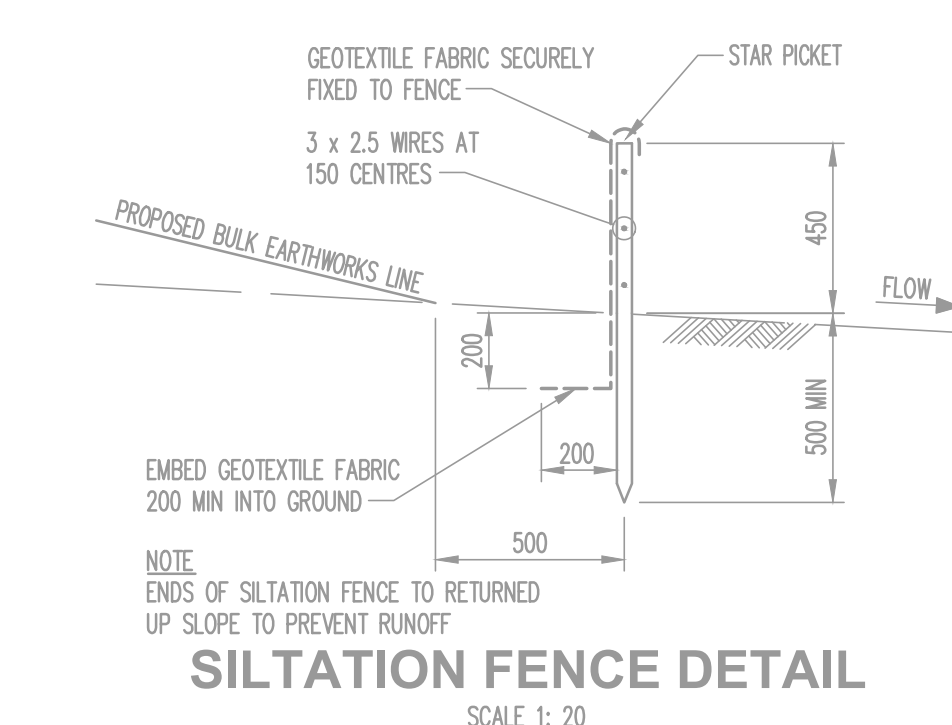
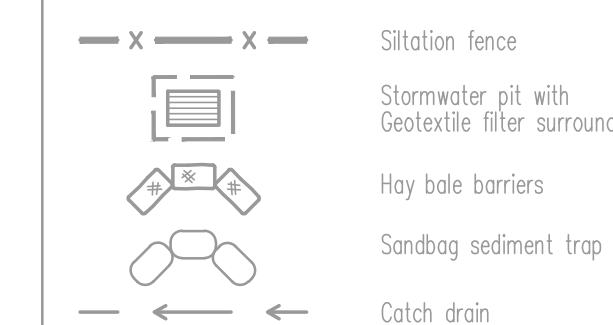
### Sequence Of Works

## WATER QUALITY TESTING REQUIREMENTS


Prior to discharge of site stormwater, groundwater and seepage water into council's stormwater system, contractors must undertake water quality tests in conjunction with a suitably qualified environment consultant outlining the following:

- Compliance with the criteria of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (2000)
- If required subject to the environmental consultants advice, provide remedial measures to improve the quality of water that is to be discharged into Councils storm water drainage system. This should include comments from a suitably qualified environmental consultant confirming the suitability of these remedial measures to manage the water discharged from the site into Councils storm water drainage system. Outlining the proposed, ongoing monitoring, contingency plans and validation program that will be in place to continuously monitor the quality of water discharged from this site. This should outline the frequency of water quality testing that will be undertaken by suitably qualified environmental consultant.

### EROSION AND SEDIMENT CONTROL LEGEND



### Key



Overland flow directional arrow

LHAP Main Works: Overland flows during construction - North  
TTW 07/08/20



LHAP Main Works: Proposed Overland Flows (post-construction) - South  
TTW  
07/08/20

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Thomson  
Whitting  
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Key

← Overland flow directional arrow

Existing 1 in 100 year overland  
flow contained within Goulburn  
Street road reserve. No external  
flows enter the hospital site.

Post-development overland flows  
are consistent with  
pre-development overland flows.

Existing 1 in 100 year overland  
flow runs east along Elizabeth  
Street towards the railway line.

AMENDMENTS	REV.	DATE	DESCRIPTION	CHK.

PROJECT:  
**LIVERPOOL HEALTH & ACADEMIC  
PRECINCT**

NSW Health  
South Western Sydney  
Local Health District  
ELIZABETH STREET LIVERPOOL NSW

CLIENT:  
NSW Health  
Infrastructure  
14/77 PACIFIC HWY, NORTH SYDNEY NSW 2060

PROJECT MANAGER:  
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**JACOBS**

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HYDRAULIC / FRE  
fitzpatrick+partners  
LEVEL 9/223 CASTLEBROUGH ST, SYDNEY NSW 2000

QUANTITY SURVEYOR:  
CR

11/263 ALFRED ST, NORTH SYDNEY NSW 2060

LANDSCAPE ARCHITECT:  
CLARKE/WHITTING

65/49 KENT ST, SYDNEY NSW 2000

DESIGN DEVELOPMENT  
NOT TO BE USED FOR CONSTRUCTION

DRAWING:  
MAINWORKS- STORMWATER PLAN -  
SOUTH

DRAWN:  
WW

APPROVED:  
[Signature]

PRINT DATE:  
07/08/2020

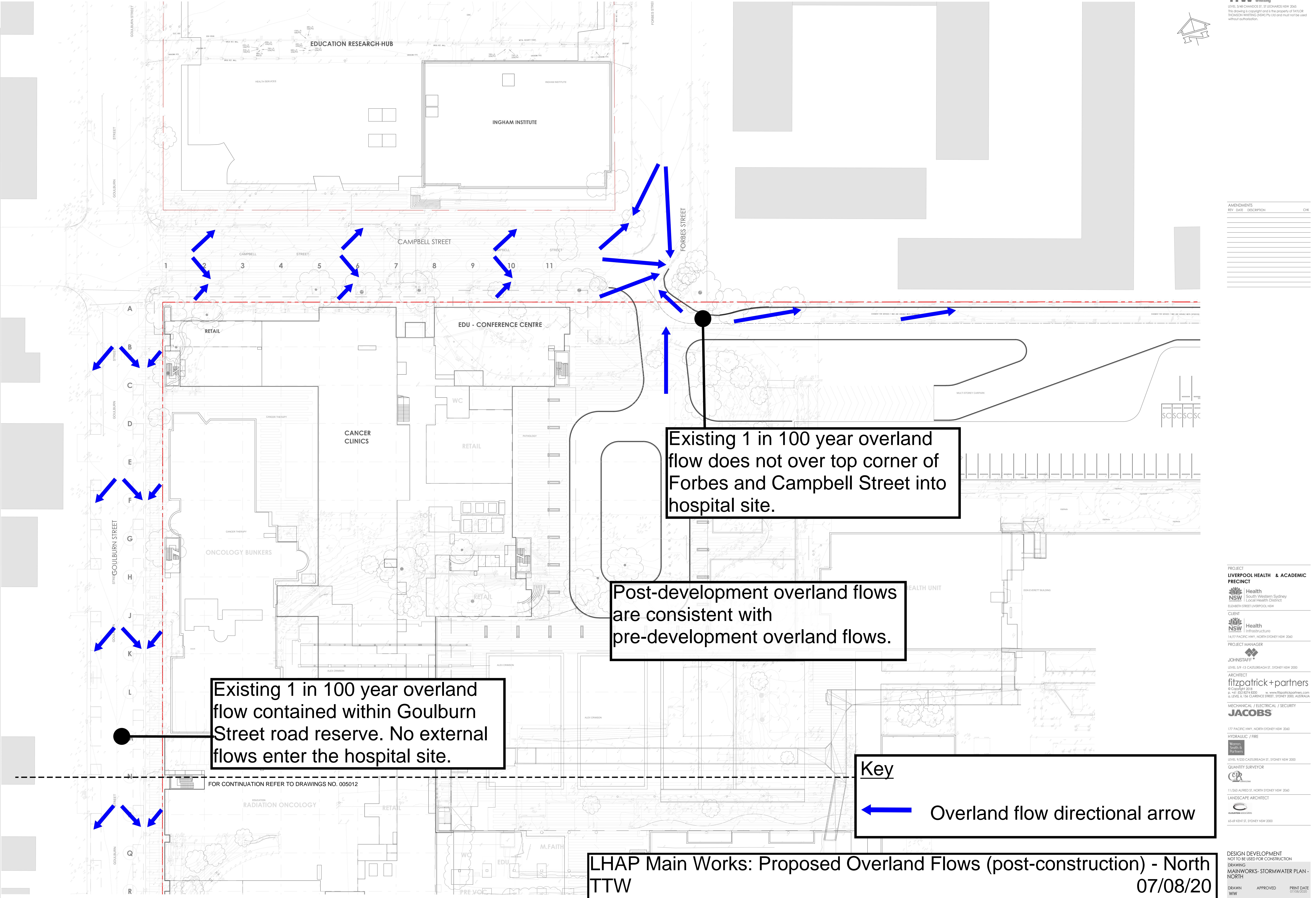
SCALE @A0  
1:250@A0

PROJECT STAGE:  
DESIGN DEVELOPMENT

PROJECT NO. DRAWING NO. ISSUE  
181052 LHAP-CITW-DRG-MW-005012 A

SCALE 1:250 0 2.5 5 7.5 10 12.5  
AT ORIGINAL SIZE





AMENDMENTS			CHK
REV	DATE	DESCRIPTION	