

0 30 60 90 120 150m

1 : 1500

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
3. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
4. PRECINCT BOUNDARIES ARE INDICATIVE ONLY AND ARE SUBJECT TO CHANGE.

01	ISSUE FOR DEVELOPMENT APPLICATION	11/03/2013
REV	DESCRIPTION	DATE



Lend Lease

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PROJECT
SICEEP
DARLING HARBOUR
PROJECT PRECINCT

DRAWING TITLE

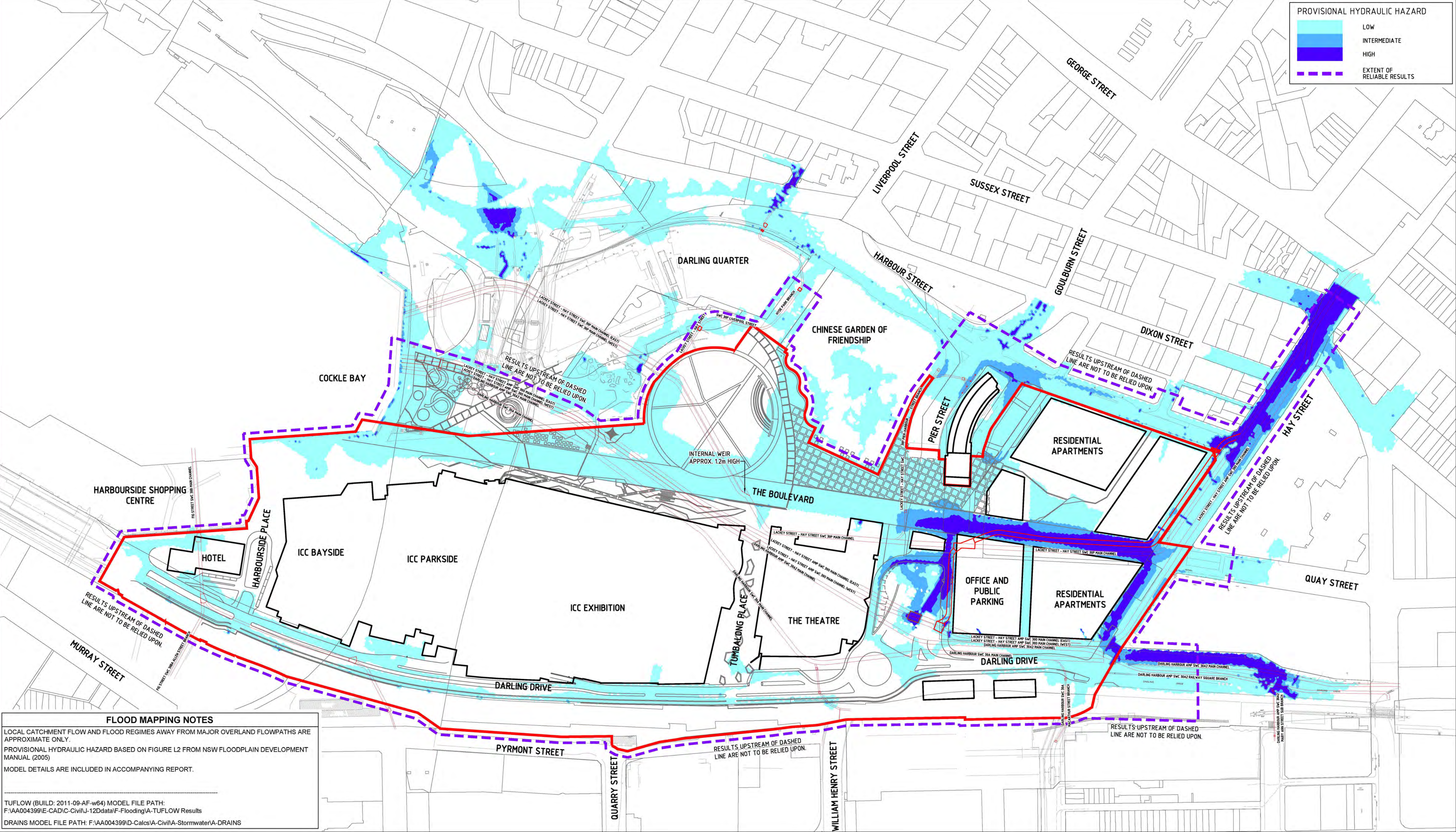
20 YEAR ARI
PROPOSED DEVELOPMENT
PROVISIONAL HYDRAULIC HAZARD
INCLUDING POTENTIAL CLIMATE CHANGE

STATUS

PRELIMINARY ONLY

SCALE @ A1 1:1500	DRAWN RD	DESIGNED CM	REVIEWED BC	APPROVED JH
PROJECT NUMBER AA004399	DRAWING NUMBER WP-FL-0432			REV 01

SYDNEY INTERNATIONAL CONVENTION, EXHIBITION AND ENTERTAINMENT PRECINCT



FLOOD MAPPING NOTES

LOCAL CATCHMENT FLOW AND FLOOD REGIMES AWAY FROM MAJOR OVERLAND FLOWPATHS ARE APPROXIMATE ONLY.

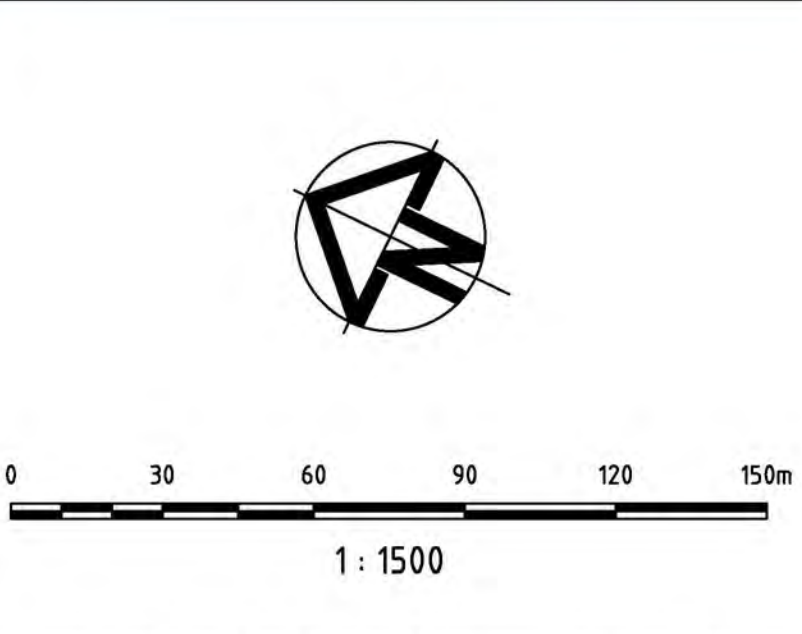
PROVISIONAL HYDRAULIC HAZARD BASED ON FIGURE L2 FROM NSW FLOODPLAIN DEVELOPMENT MANUAL (2005)

MODEL DETAILS ARE INCLUDED IN ACCOMPANYING REPORT.

TUFLOW (BUILD: 2011-09-AF-w64) MODEL FILE PATH:
F:\AA004399\E-CAD\C-Civil\J-12D\data\F-Flooding\A-TUFLOW Results

DRAINS MODEL FILE PATH: F:\AA004399\D-Calcs\A-Civil\A-Stormwater\A-DRAINS

DARLING HARBOUR LIVE



- NOTES:**
1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
 2. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
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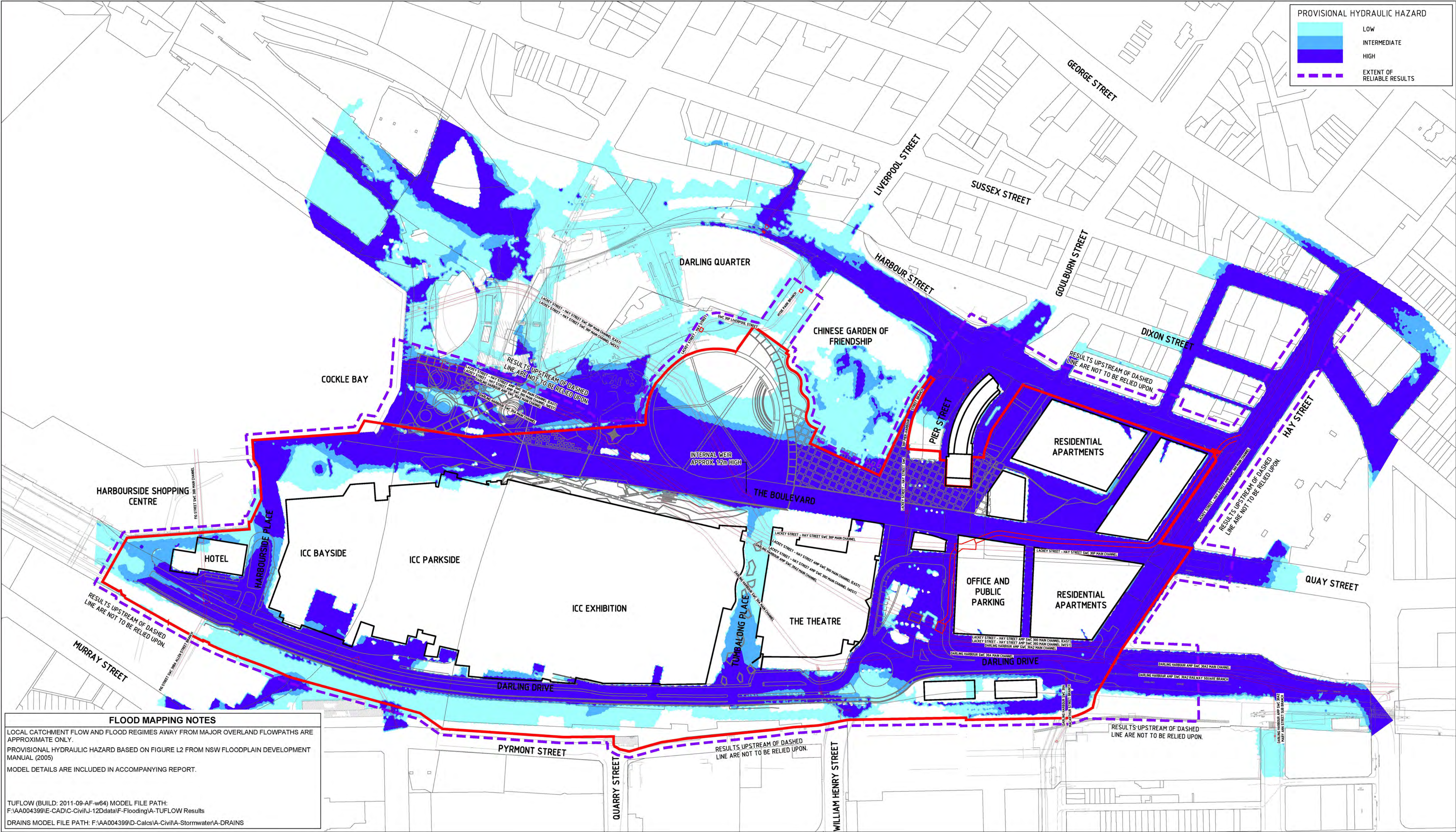
PROJECT MANAGEMENT & CONSTRUCTION
LEVEL 4, THE BOND, 30 HICKSON RD MILLERS POINT, NSW 2000

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PROJECT
**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

DRAWING TITLE 100 YEAR ARI PROPOSED DEVELOPMENT PROVISIONAL HYDRAULIC HAZARD INCLUDING POTENTIAL CLIMATE CHANGE				
STATUS PRELIMINARY ONLY				
SCALE @ A1 1:1500	DRAWN RD	DESIGNED CM	REVIEWED BC	APPROVED JH
PROJECT NUMBER AA004399	DRAWING NUMBER WP-FL-0433		REV 01	



FLOOD MAPPING NOTES

LOCAL CATCHMENT FLOW AND FLOOD REGIMES AWAY FROM MAJOR OVERLAND FLOWPATHS ARE APPROXIMATE ONLY.

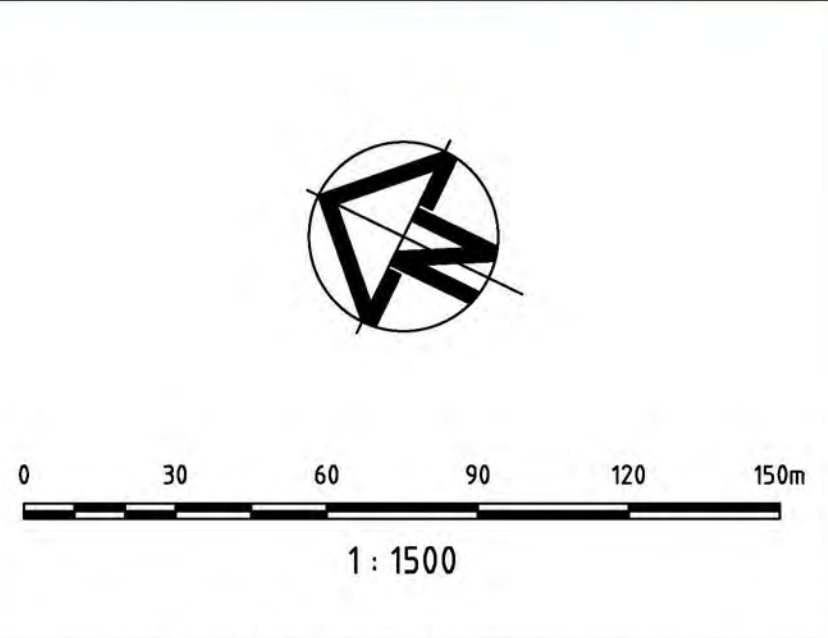
PROVISIONAL HYDRAULIC HAZARD BASED ON FIGURE L2 FROM NSW FLOODPLAIN DEVELOPMENT MANUAL (2005)

MODEL DETAILS ARE INCLUDED IN ACCOMPANYING REPORT.

TUFLOW (BUILD: 2011-09-AF-w64) MODEL FILE PATH:
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DRAINS MODEL FILE PATH: F:\AA004399\I-CAD\I-Civil\A-Stormwater\A-DRAINS

DARLING HARBOUR LIVE



NOTES:

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PROJECT

**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

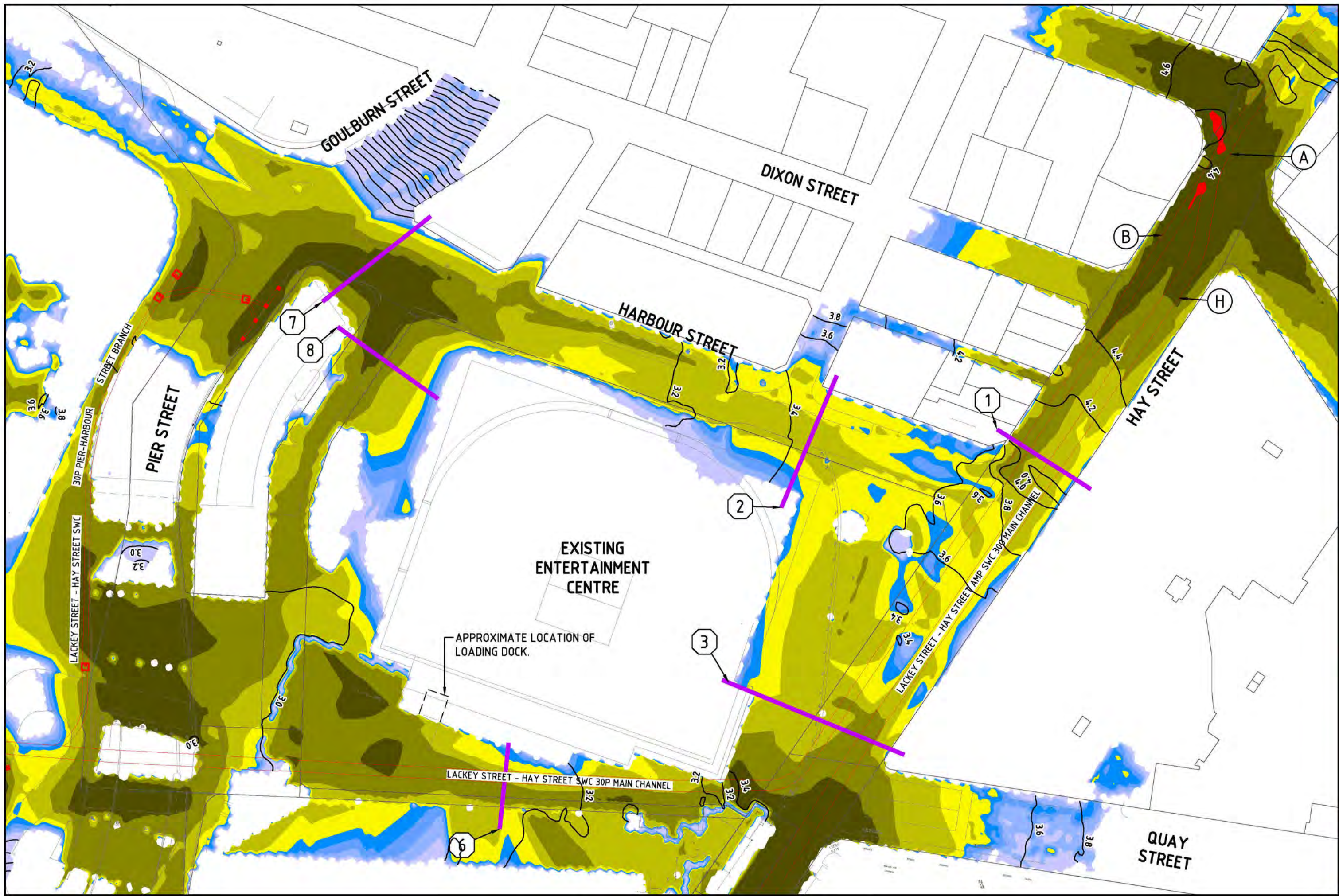
DRAWING TITLE

**PMF
PROPOSED DEVELOPMENT
PROVISIONAL HYDRAULIC HAZARD
INCLUDING POTENTIAL CLIMATE CHANGE**

STATUS

PRELIMINARY ONLY

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:1500	RD	CM	BC	JH
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	WP-FL-0434	01		

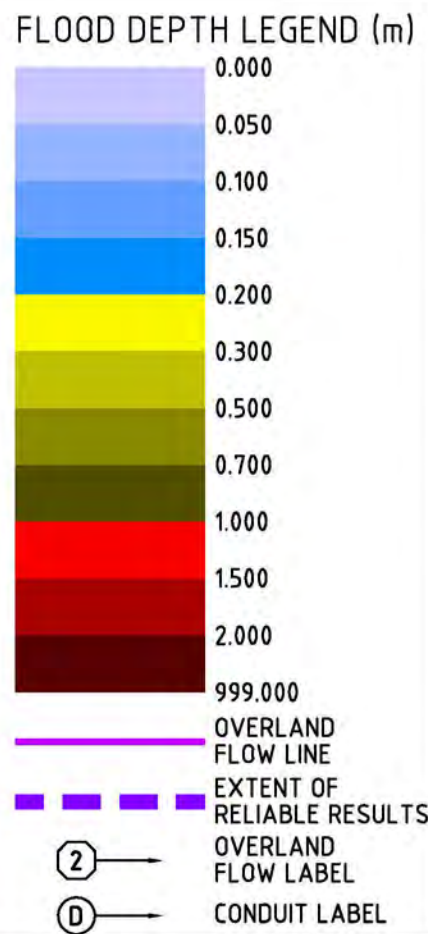


8th NOVEMBER 1984 – WITH AMPLIFICATION

1 : 1000

CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	34.1	4.5	120
B	3.1 x 2.0	30P	HAY STREET	12.9	2.2	120
H	4.3 x 2.4	300	HAY STREET	24.8	2.4	120

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	21.8
2	HARBOUR STREET	9.6
3	HAY STREET	11.0
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	8.4
7	HARBOUR STREET	5.4
8	LITTLE PIER STREET	4.6



NOTES

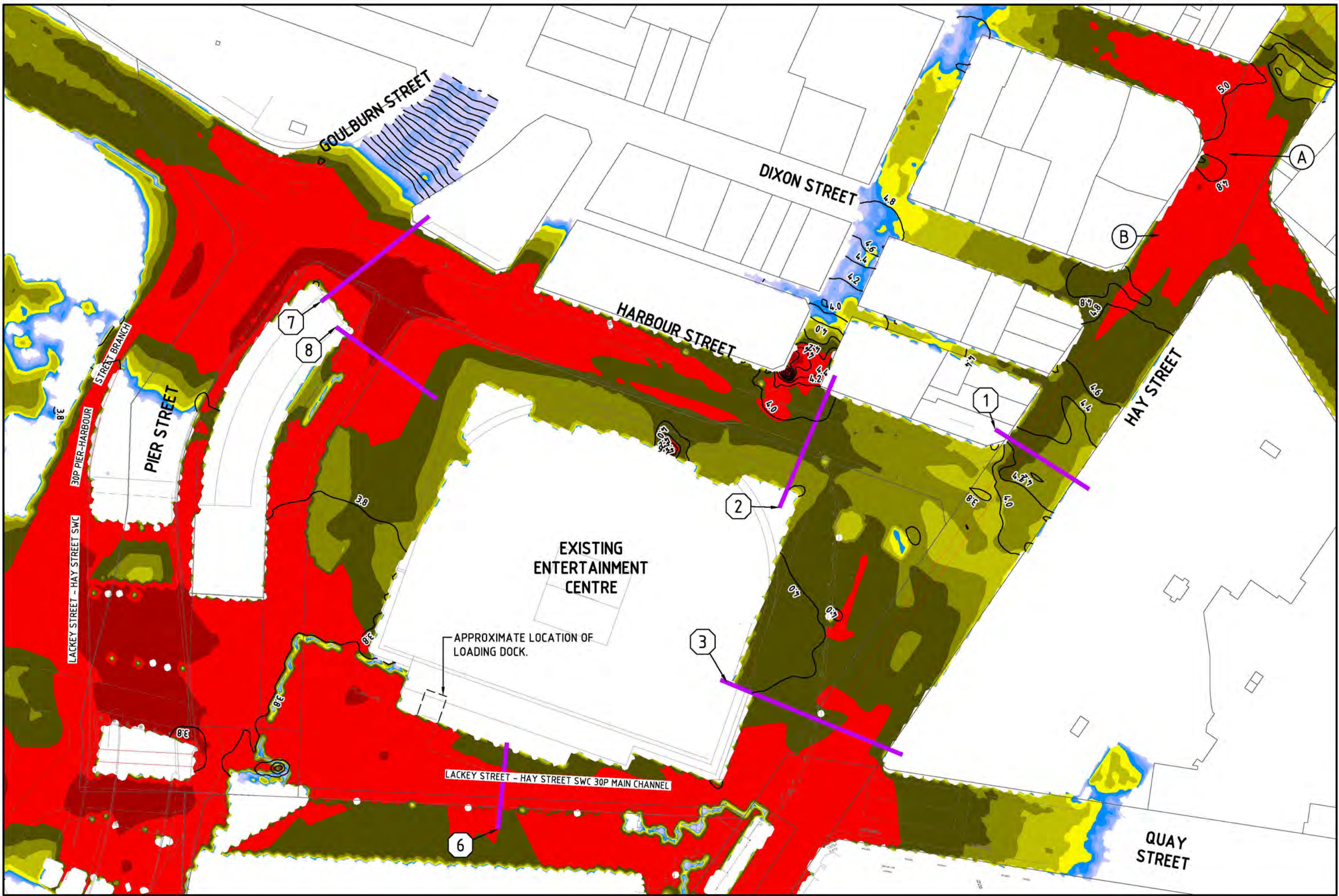
THE TIDE LEVEL IN COCKLE BAY ADOPTED IN THE MODELLING IS 0.3m AHD ESTIMATED FROM FORT DENISON TIDE LEVEL INFORMATION DURING THE STORM EVENT. THE TIDE WAS DECLINING DURING THE RAINFALL EVENT.

BASED ON SYDNEY WATER 'WORKS-AS-EXECUTED' DRAWINGS FOR THE DARLING HARBOUR AMPLIFICATION IT APPEARS THAT THE 4.3m x 2.4m CHANNEL (LACKEY-HAY ST AMP 300 MAIN CHANNEL) WAS NOT CONSTRUCTED AT THE TIME OF THE STORM EVENT.

THE DEM ADOPTED FOR THE NOVEMBER 1984 MODEL USED THE EXISTING SURFACE (AS DEFINED IN THE ACCOMPANYING REPORT) TO APPROXIMATE THE GROUND LEVELS.

TABLE NOTES

¹ FLOW IS PEAK FOR MODELLED DESIGN CONDITION
² VELOCITY IS AT CORRESPONDING DESIGN FLOW



8th NOVEMBER 1984

1 : 1000

CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	15.6	2.1	120
B	3.1 x 2.0	30P	HAY STREET	15.1	2.5	120

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	41.3
2	HARBOUR STREET	22.2
3	HAY STREET	21.1
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	17.2
7	HARBOUR STREET	17.4
8	LITTLE PIER STREET	7.5

DARLING HARBOUR LIVE



0 20 40 60 80 100m

1 : 1000

NOTES:

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PROJECT

SICEEP
DARLING HARBOUR
PROJECT PRECINCT

DRAWING TITLE

8th NOVEMBER 1984
FLOOD ASSESSMENTS

STATUS

PRELIMINARY ONLY

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:1000	RD	CM	BC	JH
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	WP-FL-0501	01		