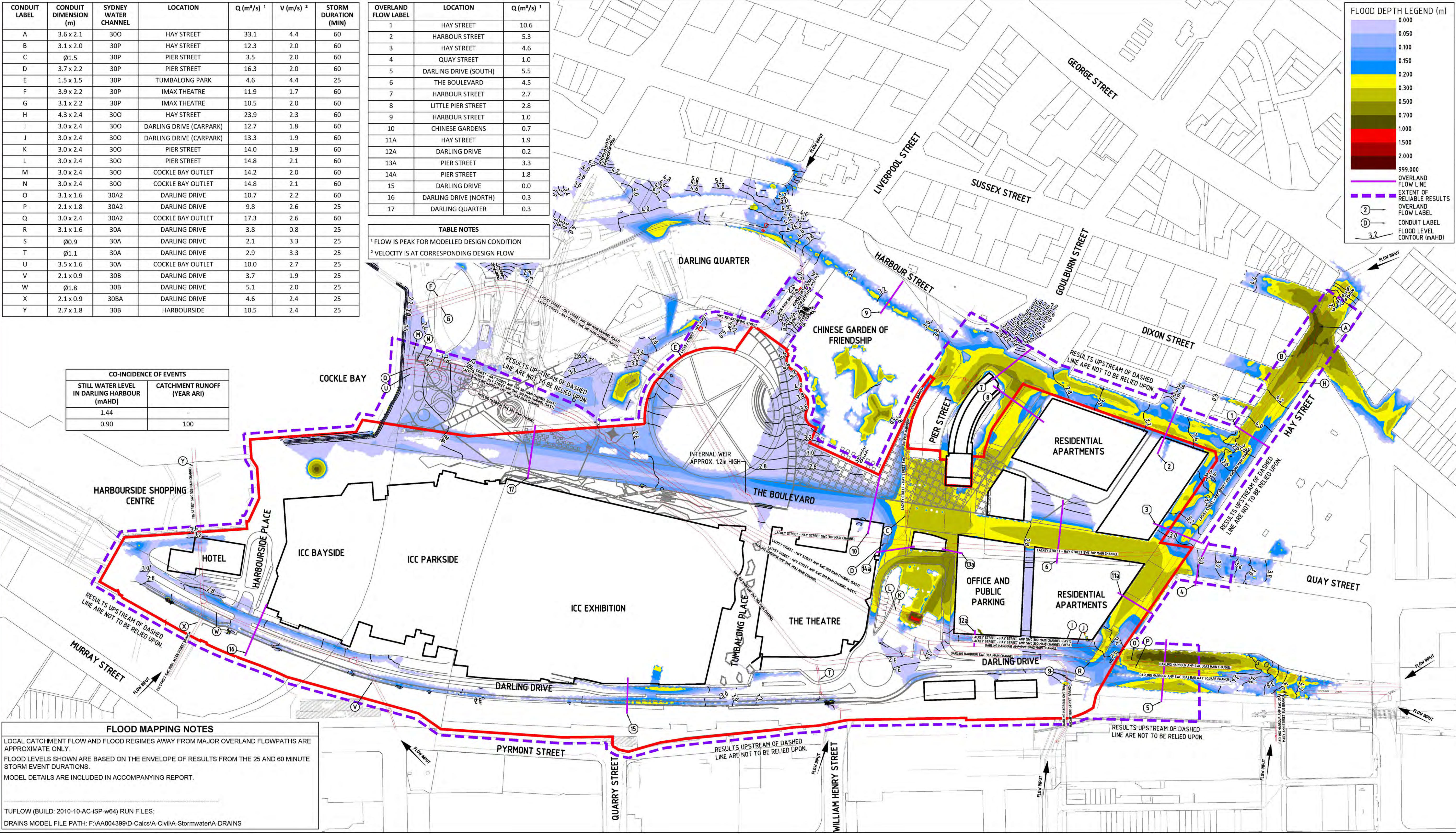
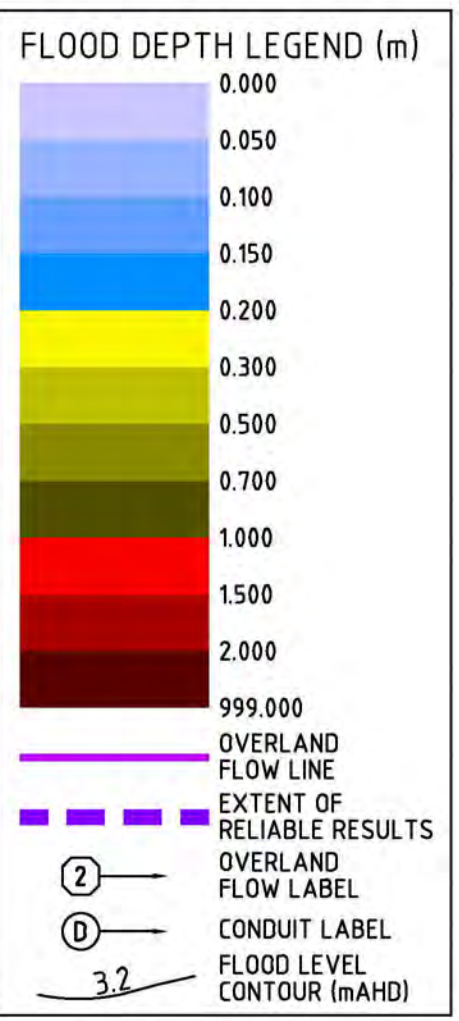


CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	33.1	4.4	60
B	3.1 x 2.0	30P	HAY STREET	12.3	2.0	60
C	Ø1.5	30P	PIER STREET	3.5	2.0	60
D	3.7 x 2.2	30P	PIER STREET	16.3	2.0	60
E	1.5 x 1.5	30P	TUMBALONG PARK	4.6	4.4	25
F	3.9 x 2.2	30P	IMAX THEATRE	11.9	1.7	60
G	3.1 x 2.2	30P	IMAX THEATRE	10.5	2.0	60
H	4.3 x 2.4	300	HAY STREET	23.9	2.3	60
I	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	12.7	1.8	60
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	13.3	1.9	60
K	3.0 x 2.4	300	PIER STREET	14.0	1.9	60
L	3.0 x 2.4	300	PIER STREET	14.8	2.1	60
M	3.0 x 2.4	300	COCKLE BAY OUTLET	14.2	2.0	60
N	3.0 x 2.4	300	COCKLE BAY OUTLET	14.8	2.1	60
O	3.1 x 1.6	30A2	DARLING DRIVE	10.7	2.2	60
P	2.1 x 1.8	30A2	DARLING DRIVE	9.8	2.6	25
Q	3.0 x 2.4	30A2	COCKLE BAY OUTLET	17.3	2.6	60
R	3.1 x 1.6	30A	DARLING DRIVE	3.8	0.8	25
S	Ø0.9	30A	DARLING DRIVE	2.1	3.3	25
T	Ø1.1	30A	DARLING DRIVE	2.9	3.3	25
U	3.5 x 1.6	30A	COCKLE BAY OUTLET	10.0	2.7	25
V	2.1 x 0.9	30B	DARLING DRIVE	3.7	1.9	25
W	Ø1.8	30B	DARLING DRIVE	5.1	2.0	25
X	2.1 x 0.9	30BA	DARLING DRIVE	4.6	2.4	25
Y	2.7 x 1.8	30B	HARBOURSIDE	10.5	2.4	25

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	10.6
2	HARBOUR STREET	5.3
3	HAY STREET	4.6
4	QUAY STREET	1.0
5	DARLING DRIVE (SOUTH)	5.5
6	THE BOULEVARD	4.5
7	HARBOUR STREET	2.7
8	LITTLE PIER STREET	2.8
9	HARBOUR STREET	1.0
10	CHINESE GARDENS	0.7
11A	HAY STREET	1.9
12A	DARLING DRIVE	0.2
13A	PIER STREET	3.3
14A	PIER STREET	1.8
15	DARLING DRIVE	0.0
16	DARLING DRIVE (NORTH)	0.3
17	DARLING QUARTER	0.3

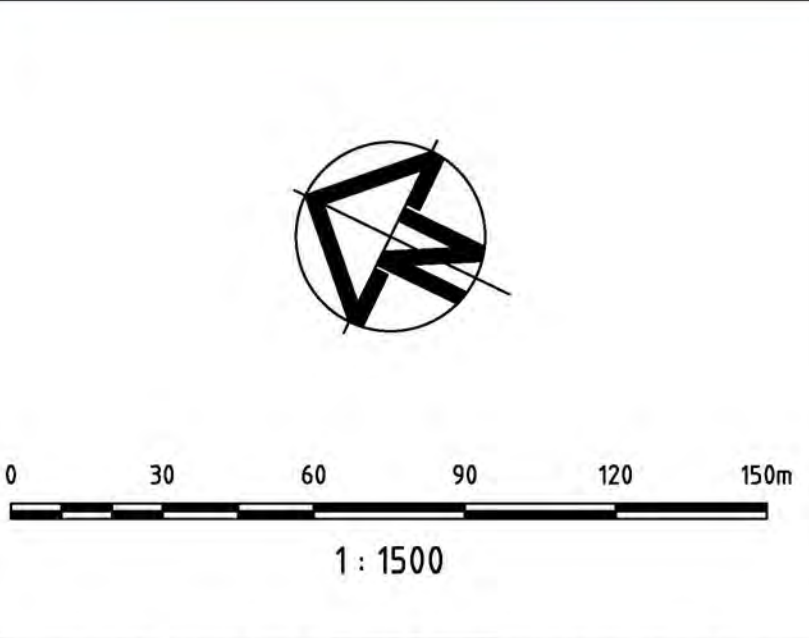
TABLE NOTES
¹ FLOW IS PEAK FOR MODELLED DESIGN CONDITION
² VELOCITY IS AT CORRESPONDING DESIGN FLOW



CO-INCIDENCE OF EVENTS	
STILL WATER LEVEL IN DARLING HARBOUR (mAHD)	CATCHMENT RUNOFF (YEAR ARI)
1.44	-
0.90	100

FLOOD MAPPING NOTES
LOCAL CATCHMENT FLOW AND FLOOD REGIMES AWAY FROM MAJOR OVERLAND FLOWPATHS ARE APPROXIMATE ONLY.
FLOOD LEVELS SHOWN ARE BASED ON THE ENVELOPE OF RESULTS FROM THE 25 AND 60 MINUTE STORM EVENT DURATIONS.
MODEL DETAILS ARE INCLUDED IN ACCOMPANYING REPORT.
TUFLOW (BUILD: 2010-10-AC-iSP-w64) RUN FILES;
DRAINS MODEL FILE PATH: F:\AA004399\I-D-Calcs\A-Civil\A-Stormwater\A-DRAINS

DARLING HARBOUR LIVE



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

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

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CIVIL / TRAFFIC / FACADES

Hyder

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PROJECT

**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

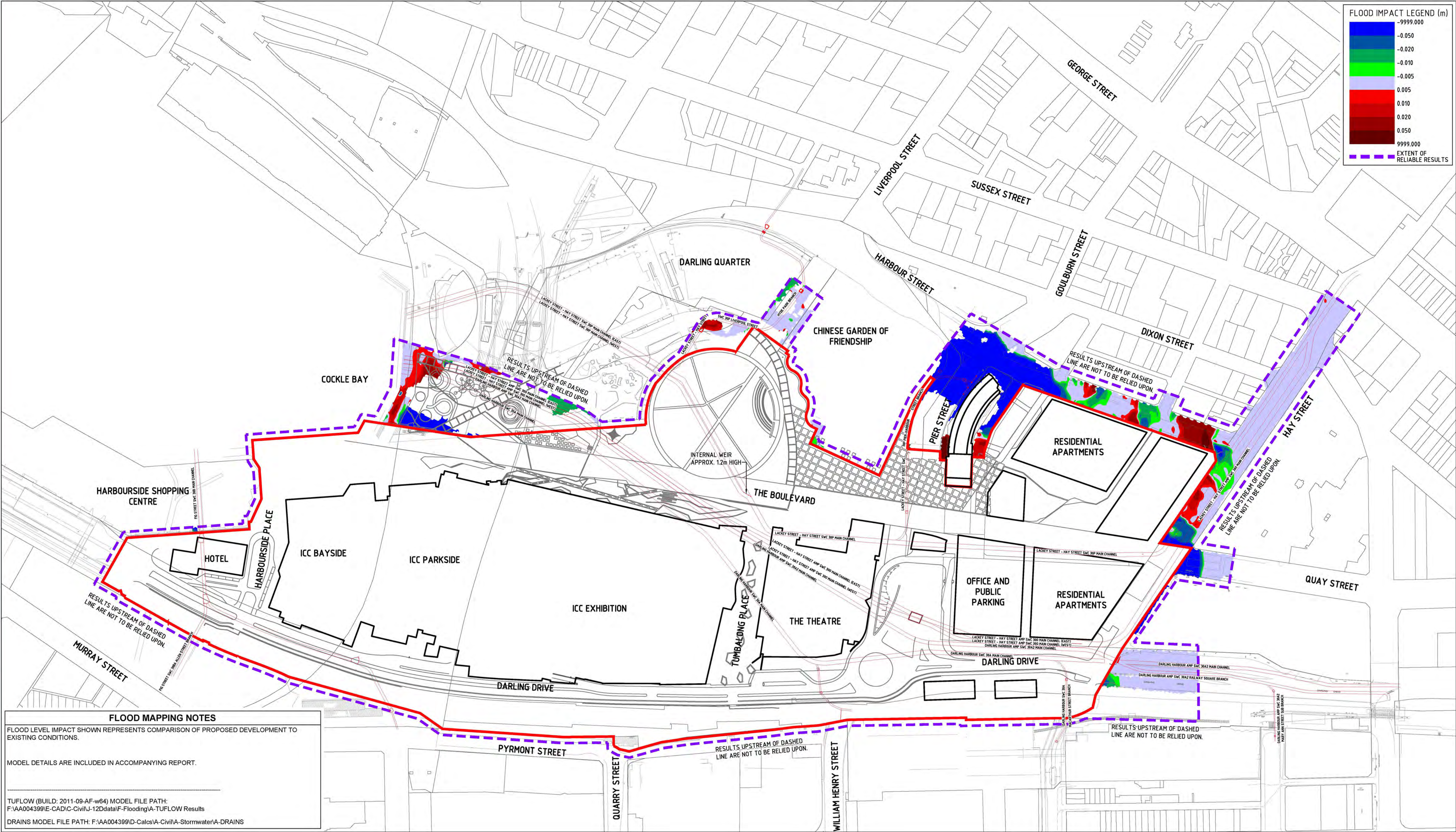
DRAWING TITLE

100 YEAR ARI PROPOSED DEVELOPMENT
FLOOD DEPTH AND LEVEL CONTOURS
WITHOUT CULVERT AMPLIFICATION

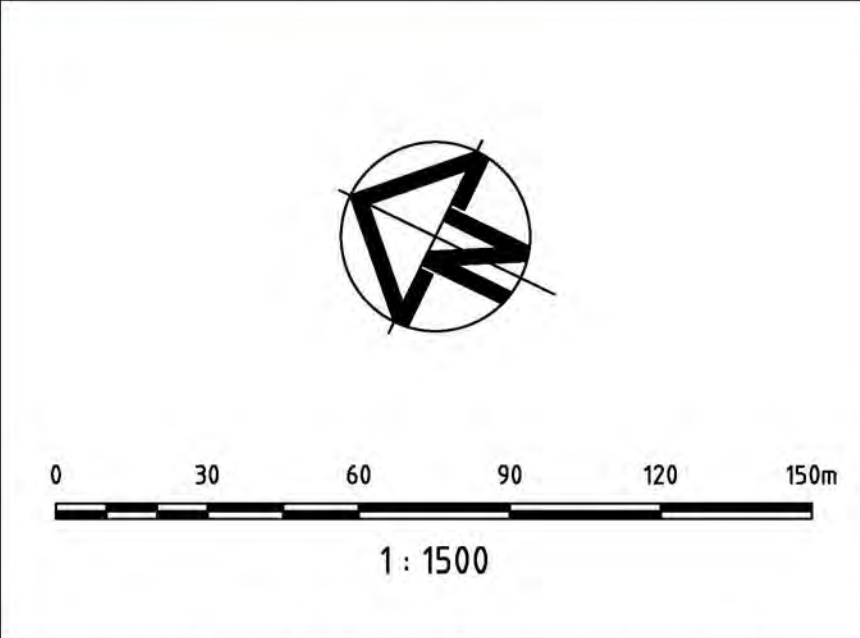
STATUS

PRELIMINARY ONLY

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:1500	RD	CM	BC	JH
PROJECT NUMBER	DRAWING NUMBER		REV	
AA004399	WP-FL-0601		01	



DARLING HARBOUR LIVE



- NOTES:**
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 2. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
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 4. PRECINCT BOUNDARIES ARE INDICATIVE ONLY AND ARE SUBJECT TO CHANGE.

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PROJECT PRECINCT

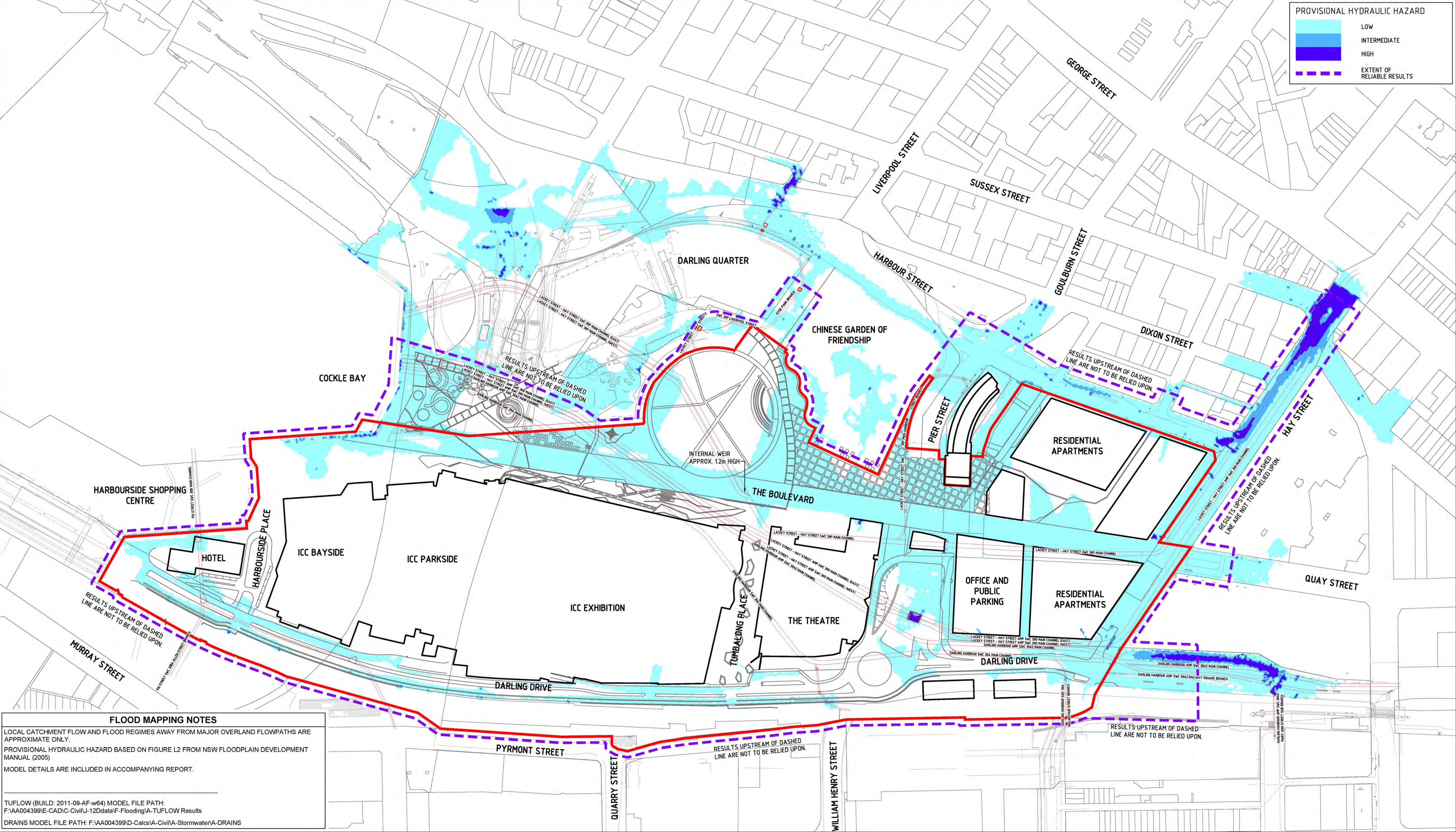
DRAWING TITLE

100 YEAR ARI PROPOSED DEVELOPMENT
FLOOD LEVEL IMPACT
WITHOUT CULVERT AMPLIFICATION

STATUS

PRELIMINARY ONLY

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:1500	RD	CM	BC	JH
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	WP-FL-0602	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.

FUZZY (BUILD: 2011-09-AF-w64) MODEL FILE PATH:
F:\AA004399\I-CAD\Civil\J-12\data\F-Flooding\A-TUFLOW Results
DRAINS MODEL FILE PATH: F:\AA004399\I-CAD\Civil\A-Stormwater\A-DRAINS

DARLING HARBOUR LIVE

0 30 60 90 120 150m

1 : 1500

NOTES:

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PROJECT

**SICEEP
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PROJECT PRECINCT**

DRAWING TITLE

**100 YEAR ARI PROPOSED DEVELOPMENT
PROVISIONAL HYDRAULIC HAZARD
WITHOUT CULVERT AMPLIFICATION**

STATUS

PRELIMINARY ONLY

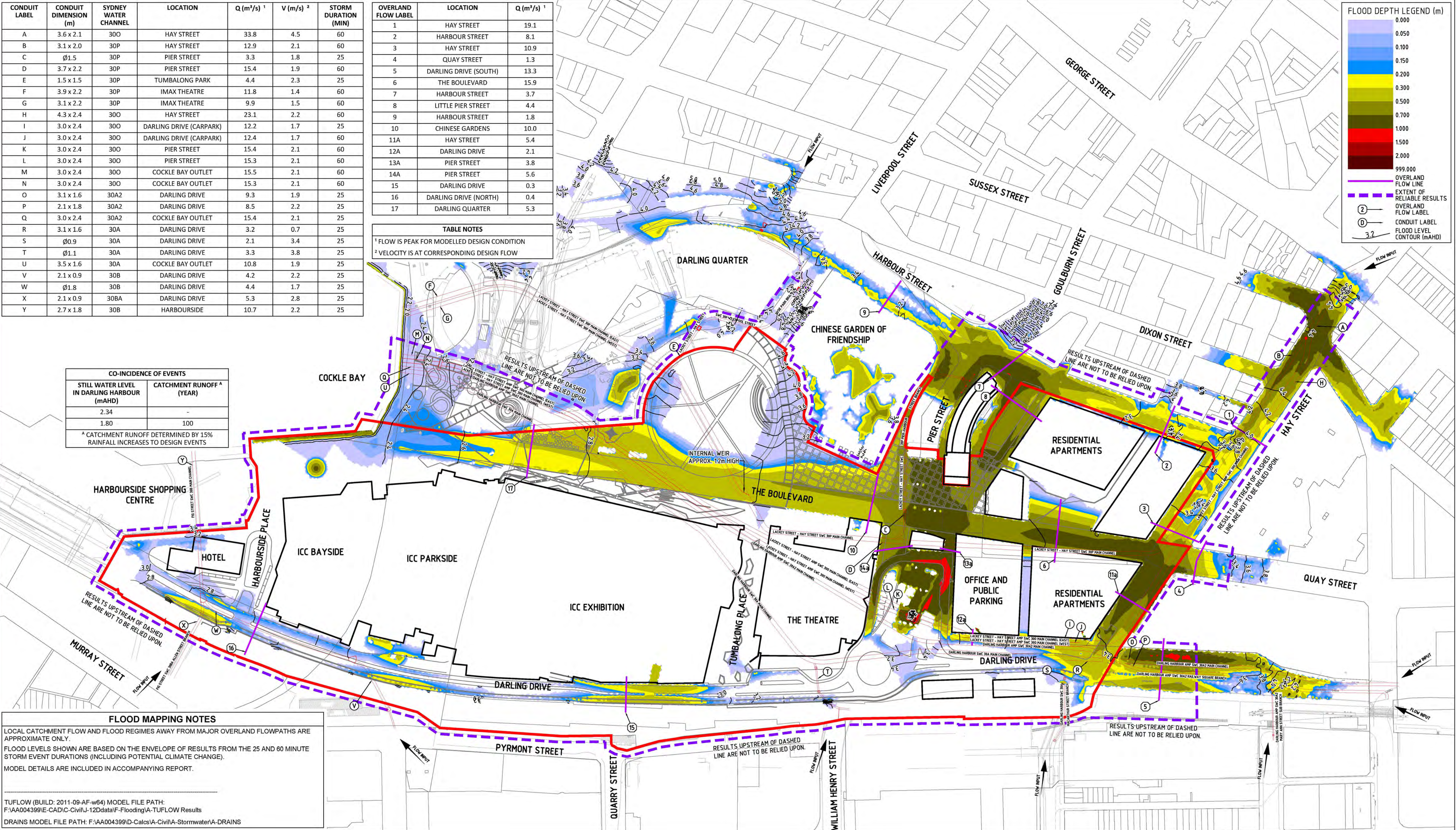
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1:1500	RD	CM	BC	JH

PROJECT NUMBER	DRAWING NUMBER	REV
AA004399	WP-FL-0603	01

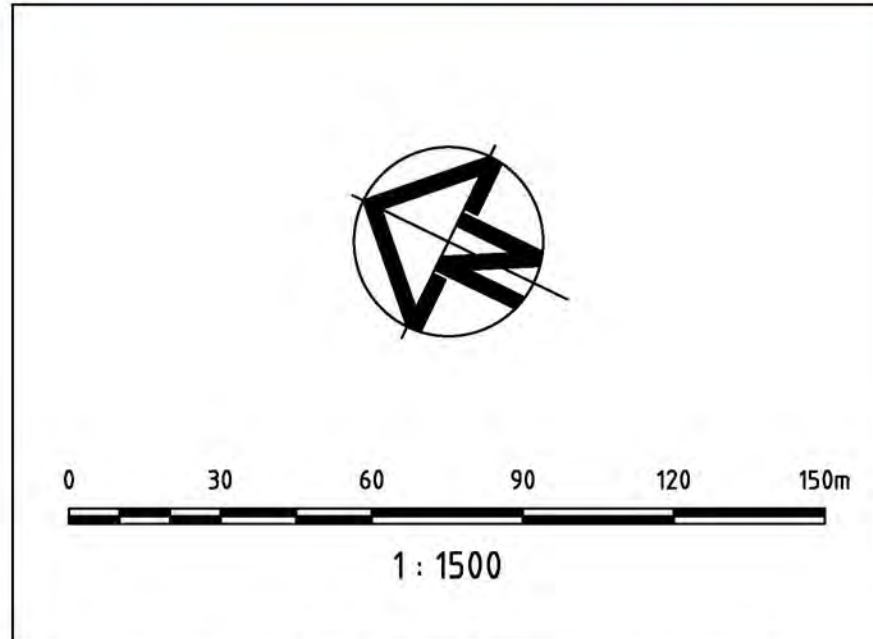
CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	33.8	4.5	60
B	3.1 x 2.0	30P	HAY STREET	12.9	2.1	60
C	Ø1.5	30P	PIER STREET	3.3	1.8	25
D	3.7 x 2.2	30P	PIER STREET	15.4	1.9	60
E	1.5 x 1.5	30P	TUMBALONG PARK	4.4	2.3	25
F	3.9 x 2.2	30P	IMAX THEATRE	11.8	1.4	60
G	3.1 x 2.2	30P	IMAX THEATRE	9.9	1.5	60
H	4.3 x 2.4	300	HAY STREET	23.1	2.2	60
I	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	12.2	1.7	25
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	12.4	1.7	60
K	3.0 x 2.4	300	PIER STREET	15.4	2.1	60
L	3.0 x 2.4	300	PIER STREET	15.3	2.1	60
M	3.0 x 2.4	300	COCKLE BAY OUTLET	15.5	2.1	60
N	3.0 x 2.4	300	COCKLE BAY OUTLET	15.3	2.1	60
O	3.1 x 1.6	30A2	DARLING DRIVE	9.3	1.9	25
P	2.1 x 1.8	30A2	DARLING DRIVE	8.5	2.2	25
Q	3.0 x 2.4	30A2	COCKLE BAY OUTLET	15.4	2.1	25
R	3.1 x 1.6	30A	DARLING DRIVE	3.2	0.7	25
S	Ø0.9	30A	DARLING DRIVE	2.1	3.4	25
T	Ø1.1	30A	DARLING DRIVE	3.3	3.8	25
U	3.5 x 1.6	30A	COCKLE BAY OUTLET	10.8	1.9	25
V	2.1 x 0.9	30B	DARLING DRIVE	4.2	2.2	25
W	Ø1.8	30B	DARLING DRIVE	4.4	1.7	25
X	2.1 x 0.9	30BA	DARLING DRIVE	5.3	2.8	25
Y	2.7 x 1.8	30B	HARBOURSIDE	10.7	2.2	25

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	19.1
2	HARBOUR STREET	8.1
3	HAY STREET	10.9
4	QUAY STREET	1.3
5	DARLING DRIVE (SOUTH)	13.3
6	THE BOULEVARD	15.9
7	HARBOUR STREET	3.7
8	LITTLE PIER STREET	4.4
9	HARBOUR STREET	1.8
10	CHINESE GARDENS	10.0
11A	HAY STREET	5.4
12A	DARLING DRIVE	2.1
13A	PIER STREET	3.8
14A	PIER STREET	5.6
15	DARLING DRIVE	0.3
16	DARLING DRIVE (NORTH)	0.4
17	DARLING QUARTER	5.3

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



DARLING HARBOUR LIVE



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01	ISSUE FOR DEVELOPMENT APPLICATION	11/03/2013

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PROJECT PRECINCT

DRAWING TITLE
100 YEAR ARI PROPOSED DEVELOPMENT
FLOOD DEPTH AND LEVEL CONTOURS
WITHOUT CULVERT AMPLIFICATION
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-0611	01		

A compass rose is centered above the scale bar, with a line pointing towards the 135-degree mark (SE). The scale bar is a horizontal line with alternating black and white segments, marked with the numbers 0, 30, 60, 90, 120, and 150m. Below the scale bar, the text "1 : 1500" is written.

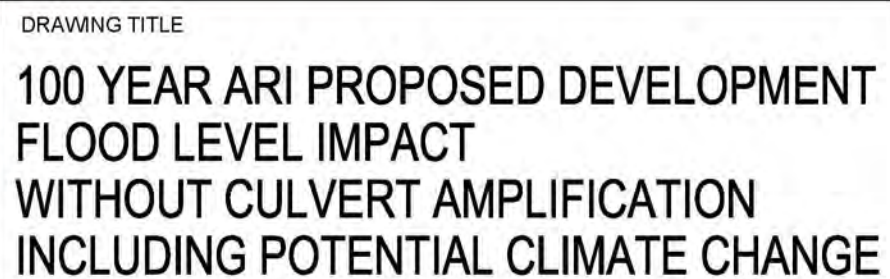
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SCALE @ A1 1:1500	DRAWN RD	DESIGNED CM	REVIEWED BC	APPROVED JH
PROJECT NUMBER AA004399	DRAWING NUMBER WP-FL-0612			REV 01