

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	3.7	2.1	60
D	3.7 x 2.2	30P	PIER STREET	16.4	2.0	60
E	1.5 x 1.5	30P	TUMBALONG PARK	4.4	4.6	25
F	3.9 x 2.2	30P	IMAX THEATRE	12.0	1.8	60
G	3.1 x 2.2	30P	IMAX THEATRE	10.4	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)	13.0	1.8	60
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	13.5	1.9	60
K	3.0 x 2.4	300	PIER STREET	13.6	1.9	60
L	3.0 x 2.4	300	PIER STREET	14.0	2.0	60
M	3.0 x 2.4	300	COCKLE BAY OUTLET	13.8	2.0	60
N	3.0 x 2.4	300	COCKLE BAY OUTLET	14.0	2.0	60
O	3.1 x 1.6	30A2	DARLING DRIVE	10.7	2.2	25
P	2.1 x 1.8	30A2	DARLING DRIVE	9.8	2.6	25
Q	3.0 x 2.4	30A2	COCKLE BAY OUTLET	17.1	2.6	25
R	3.1 x 1.6	30A	DARLING DRIVE	3.7	0.8	25
S	Ø0.9	30A	DARLING DRIVE	2.1	3.3	25
T	Ø1.1	30A	DARLING DRIVE	2.9	3.4	25
U	3.5 x 1.6	30A	COCKLE BAY OUTLET	9.6	2.8	60
V	2.1 x 0.9	30B	DARLING DRIVE	3.7	1.9	25
W	Ø1.8	30B	DARLING DRIVE	4.6	1.8	25
X	2.1 x 0.9	30BA	DARLING DRIVE	4.7	2.5	25
Y	2.7 x 1.8	30B	HARBOURSIDE	10.5	2.4	25

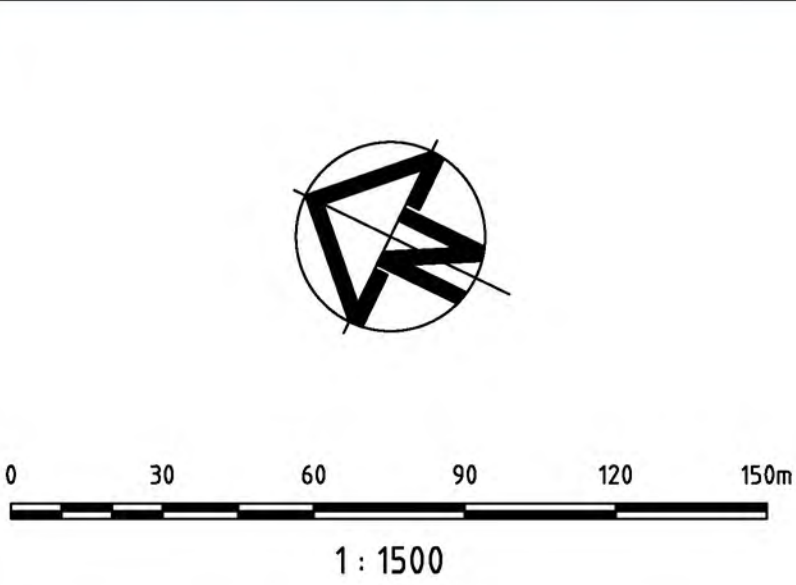
OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	10.6
2	HARBOUR STREET	5.0
3	HAY STREET	4.9
4	QUAY STREET	1.0
5	DARLING DRIVE (SOUTH)	5.5
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	2.1
7	HARBOUR STREET	3.4
8	LITTLE PIER STREET	1.7
9	HARBOUR STREET	1.0
10	CHINESE GARDENS	0.1
11	EC CAR PARK FLOW PATH	2.6
12	EC CAR PARK FLOW PATH	2.2
13	PIER STREET	1.9
14	PIER STREET	2.2
15	DARLING DRIVE	0.2
16	DARLING DRIVE (NORTH)	0.0
17	DARLING QUARTER	0.1

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



DARLING HARBOUR LIVE



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

CLIENT

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PROJECT MANAGEMENT & CONSTRUCTION
LEVEL 4, THE BOND, 30 HICKSON RD MILLERS POINT, NSW 2000

CIVIL / TRAFFIC / FACADES

Hyder

HYDER CONSULTING PTY LTD
ABN 76 104 485 289
LEVEL 5, 141 WALKER ST.
NORTH SYDNEY NSW 2060
AUSTRALIA

Tel: +61 (0)2 8907 9000
Fax: +61 (0)2 8907 9001
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PROJECT

**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

DRAWING TITLE

**100 YEAR ARI
EXISTING CONDITIONS
FLOOD DEPTH AND LEVEL CONTOURS**

STATUS

PRELIMINARY ONLY

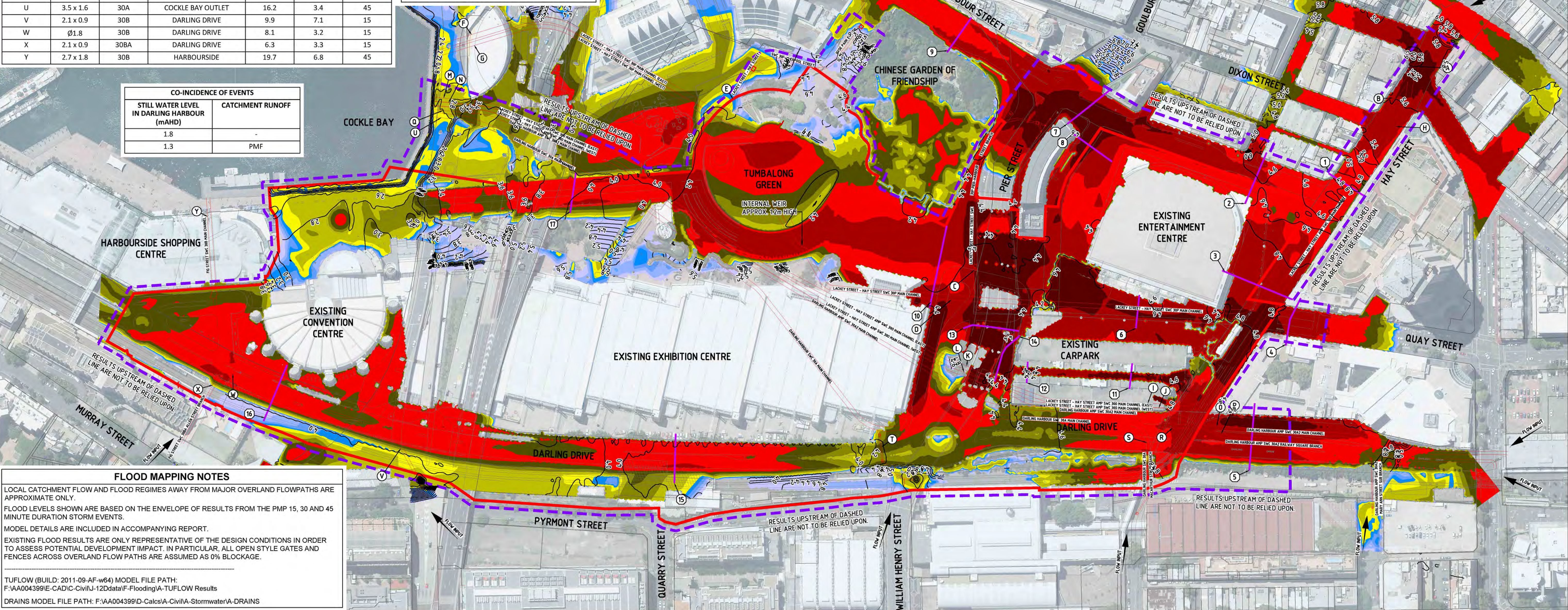
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1:1500	RD	CM	BC	JH

PROJECT NUMBER	DRAWING NUMBER	REV
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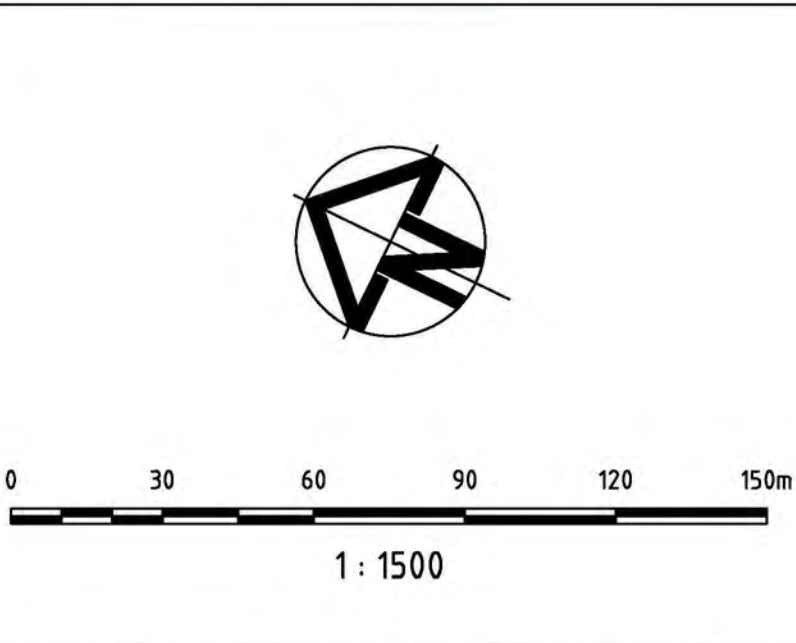
CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	38.5	5.1	15
B	3.1 x 2.0	30P	HAY STREET	14.9	2.5	45
C	Ø1.5	30P	PIER STREET	5.2	2.9	15
D	3.7 x 2.2	30P	PIER STREET	24.9	3.0	45
E	1.5 x 1.5	30P	TUMBALONG PARK	5.4	2.8	45
F	3.9 x 2.2	30P	IMAX THEATRE	19.4	2.5	45
G	3.1 x 2.2	30P	IMAX THEATRE	15.7	2.5	45
H	4.3 x 2.4	300	HAY STREET	25.5	2.5	15
I	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	14.0	1.9	15
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	14.2	2.0	15
K	3.0 x 2.4	300	PIER STREET	23.0	3.2	45
L	3.0 x 2.4	300	PIER STREET	23.3	3.2	45
M	3.0 x 2.4	300	COCKLE BAY OUTLET	23.7	3.3	45
N	3.0 x 2.4	300	COCKLE BAY OUTLET	23.3	3.2	45
O	3.1 x 1.6	30A2	DARLING DRIVE	12.1	2.5	15
P	2.1 x 1.8	30A2	DARLING DRIVE	10.9	2.9	15
Q	3.0 x 2.4	30A2	COCKLE BAY OUTLET	20.5	2.9	15
R	3.1 x 1.6	30A	DARLING DRIVE	2.4	0.5	15
S	Ø0.9	30A	DARLING DRIVE	3.1	4.8	15
T	Ø1.1	30A	DARLING DRIVE	4.8	5.6	15
U	3.5 x 1.6	30A	COCKLE BAY OUTLET	16.2	3.4	45
V	2.1 x 0.9	30B	DARLING DRIVE	9.9	7.1	15
W	Ø1.8	30B	DARLING DRIVE	8.1	3.2	15
X	2.1 x 0.9	30BA	DARLING DRIVE	6.3	3.3	15
Y	2.7 x 1.8	30B	HARBOURSIDE	19.7	6.8	45

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	102
2	HARBOUR STREET	35
3	HAY STREET	73
4	QUAY STREET	4
5	DARLING DRIVE (SOUTH)	60
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	42
7	HARBOUR STREET	35
8	LITTLE PIER STREET	22
9	HARBOUR STREET	9
10	CHINESE GARDENS	105
11	EC CAR PARK FLOW PATH	23
12	EC CAR PARK FLOW PATH	23
13	PIER STREET	15
14	PIER STREET	25
15	DARLING DRIVE	20
16	DARLING DRIVE (NORTH)	19
17	DARLING QUARTER	65

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



DARLING HARBOUR LIVE



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NORTH SYDNEY NSW 2060
AUSTRALIA

Tel: +61 (0)2 8907 9000
Fax: +61 (0)2 8907 9001
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PROJECT

**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

DRAWING TITLE				
PMF EXISTING CONDITIONS FLOOD DEPTH AND LEVEL CONTOURS				
STATUS				
PRELIMINARY ONLY				
SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:1500	RD	CM	BC	JH
PROJECT NUMBER	DRAWING NUMBER		REV	
AA004399	WP-FL-0104		01	

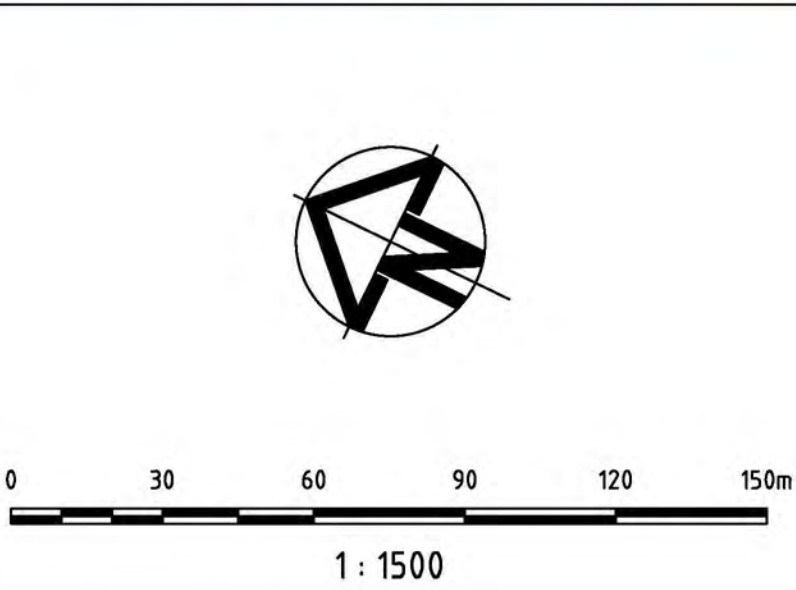
CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	28.8	3.8	60
B	3.1 x 2.0	30P	HAY STREET	10.3	1.7	60
C	Ø1.5	30P	PIER STREET	1.8	1.0	25
D	3.7 x 2.2	30P	PIER STREET	11.8	1.4	60
E	1.5 x 1.5	30P	TUMBALONG PARK	4.3	2.2	25
F	3.9 x 2.2	30P	IMAX THEATRE	9.0	1.1	60
G	3.1 x 2.2	30P	IMAX THEATRE	7.6	1.1	60
H	4.3 x 2.4	300	HAY STREET	19.2	1.9	60
I	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	10.0	1.4	60
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	10.2	1.4	60
K	3.0 x 2.4	300	PIER STREET	10.0	1.4	60
L	3.0 x 2.4	300	PIER STREET	10.0	1.4	60
M	3.0 x 2.4	300	COCKLE BAY OUTLET	10.1	1.4	60
N	3.0 x 2.4	300	COCKLE BAY OUTLET	10.0	1.4	60
O	3.1 x 1.6	30A2	DARLING DRIVE	8.7	1.8	25
P	2.1 x 1.8	30A2	DARLING DRIVE	8.0	2.1	25
Q	3.0 x 2.4	30A2	COCKLE BAY OUTLET	13.8	1.9	25
R	3.1 x 1.6	30A	DARLING DRIVE	3.1	0.6	25
S	Ø0.9	30A	DARLING DRIVE	1.6	2.5	25
T	Ø1.1	30A	DARLING DRIVE	2.1	2.4	25
U	3.5 x 1.6	30A	COCKLE BAY OUTLET	7.8	1.4	25
V	2.1 x 0.9	30B	DARLING DRIVE	2.7	1.4	25
W	Ø1.8	30B	DARLING DRIVE	3.6	1.4	25
X	2.1 x 0.9	30BA	DARLING DRIVE	3.4	1.8	25
Y	2.7 x 1.8	30B	HARBOURSIDE	7.8	1.6	25

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	0.0
2	HARBOUR STREET	0.1
3	HAY STREET	0.0
4	QUAY STREET	0.7
5	DARLING DRIVE (SOUTH)	1.2
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	0.2
7	HARBOUR STREET	0.3
8	LITTLE PIER STREET	0.1
9	HARBOUR STREET	0.0
10	CHINESE GARDENS	0.0
11	EC CAR PARK FLOW PATH	0.3
12	EC CAR PARK FLOW PATH	0.0
13	PIER STREET	0.0
14	PIER STREET	0.0
15	DARLING DRIVE	0.2
16	DARLING DRIVE (NORTH)	0.0
17	DARLING QUARTER	0.0

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



DARLING HARBOUR LIVE



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AUSTRALIA

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PROJECT

**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

DRAWING TITLE

**5 YEAR ARI
EXISTING CONDITIONS
FLOOD DEPTH AND LEVEL CONTOURS
INCLUDING POTENTIAL CLIMATE CHANGE**

STATUS

PRELIMINARY ONLY

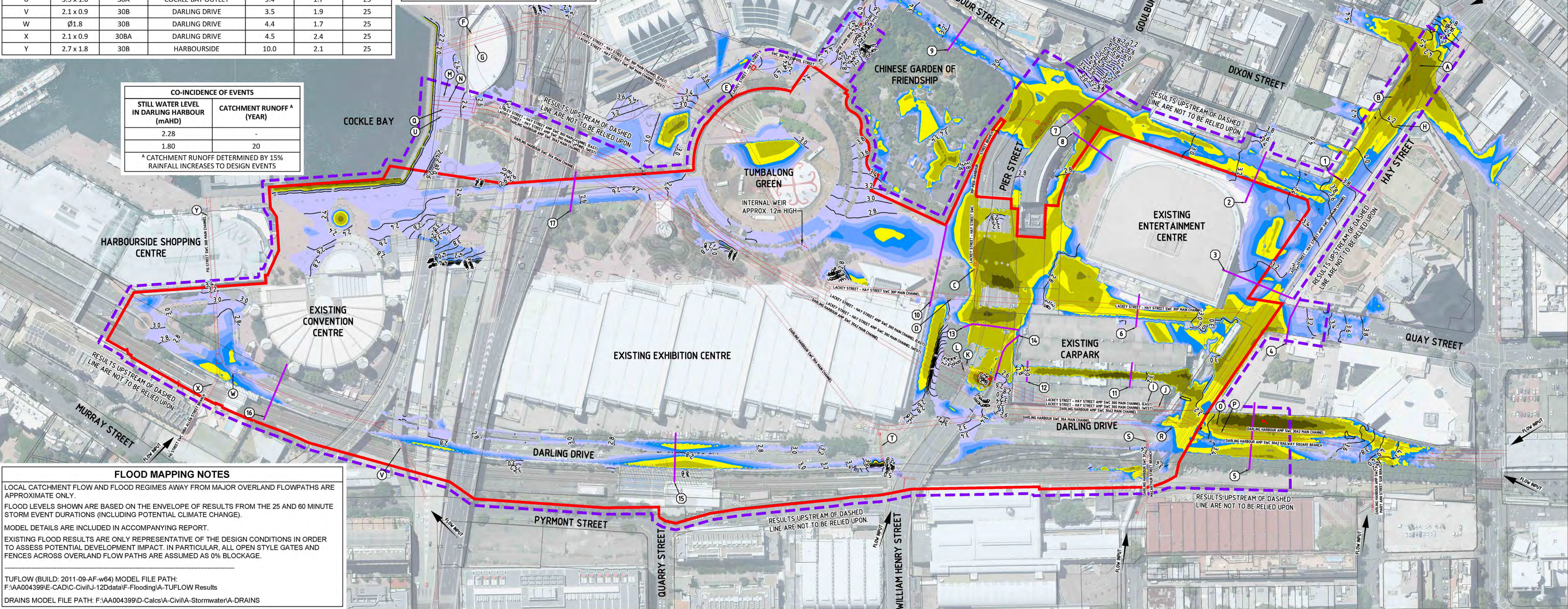
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PROJECT NUMBER	DRAWING NUMBER	REV
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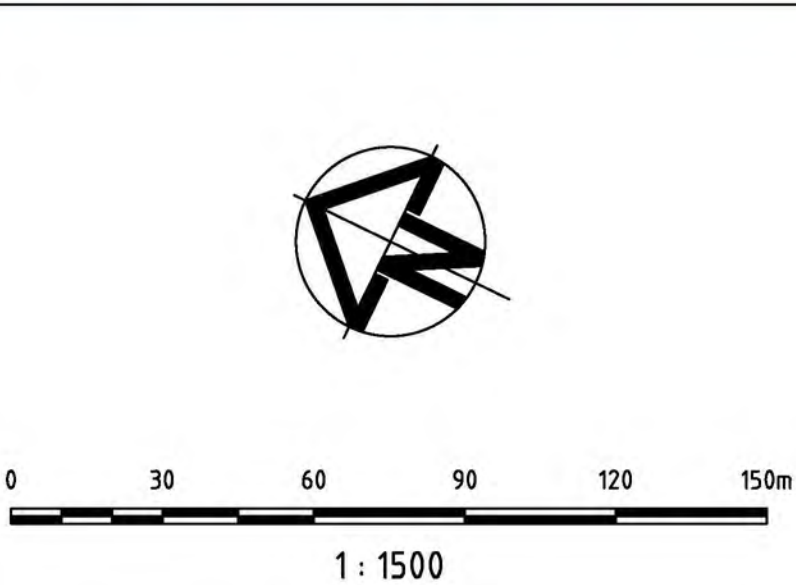
CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	32.6	4.3	60
B	3.1 x 2.0	30P	HAY STREET	12.2	2.0	60
C	Ø1.5	30P	PIER STREET	2.7	1.6	25
D	3.7 x 2.2	30P	PIER STREET	14.2	1.7	60
E	1.5 x 1.5	30P	TUMBALONG PARK	4.3	2.3	25
F	3.9 x 2.2	30P	IMAX THEATRE	10.8	1.3	60
G	3.1 x 2.2	30P	IMAX THEATRE	8.9	1.3	60
H	4.3 x 2.4	300	HAY STREET	22.5	2.2	60
I	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	11.6	1.6	60
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	11.6	1.6	60
K	3.0 x 2.4	300	PIER STREET	12.6	1.8	60
L	3.0 x 2.4	300	PIER STREET	12.8	1.8	60
M	3.0 x 2.4	300	COCKLE BAY OUTLET	12.8	1.8	60
N	3.0 x 2.4	300	COCKLE BAY OUTLET	12.8	1.8	60
O	3.1 x 1.6	30A2	DARLING DRIVE	9.1	1.9	25
P	2.1 x 1.8	30A2	DARLING DRIVE	8.3	2.2	25
Q	3.0 x 2.4	30A2	COCKLE BAY OUTLET	14.8	2.1	25
R	3.1 x 1.6	30A	DARLING DRIVE	3.3	0.7	25
S	Ø0.9	30A	DARLING DRIVE	2.1	3.2	25
T	Ø1.1	30A	DARLING DRIVE	2.8	3.2	25
U	3.5 x 1.6	30A	COCKLE BAY OUTLET	9.4	1.7	25
V	2.1 x 0.9	30B	DARLING DRIVE	3.5	1.9	25
W	Ø1.8	30B	DARLING DRIVE	4.4	1.7	25
X	2.1 x 0.9	30BA	DARLING DRIVE	4.5	2.4	25
Y	2.7 x 1.8	30B	HARBOURSIDE	10.0	2.1	25

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	6.7
2	HARBOUR STREET	3.6
3	HAY STREET	2.8
4	QUAY STREET	1.0
5	DARLING DRIVE (SOUTH)	7.1
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	2.1
7	HARBOUR STREET	2.2
8	LITTLE PIER STREET	1.7
9	HARBOUR STREET	0.8
10	CHINESE GARDENS	0.1
11	EC CAR PARK FLOW PATH	3.4
12	EC CAR PARK FLOW PATH	3.2
13	PIER STREET	3.1
14	PIER STREET	3.2
15	DARLING DRIVE	0.2
16	DARLING DRIVE (NORTH)	0.0
17	DARLING QUARTER	0.1

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



DARLING HARBOUR LIVE



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PROJECT

**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

DRAWING TITLE

**20 YEAR ARI
EXISTING CONDITIONS
FLOOD DEPTH AND LEVEL CONTOURS
INCLUDING POTENTIAL CLIMATE CHANGE**

STATUS

PRELIMINARY ONLY

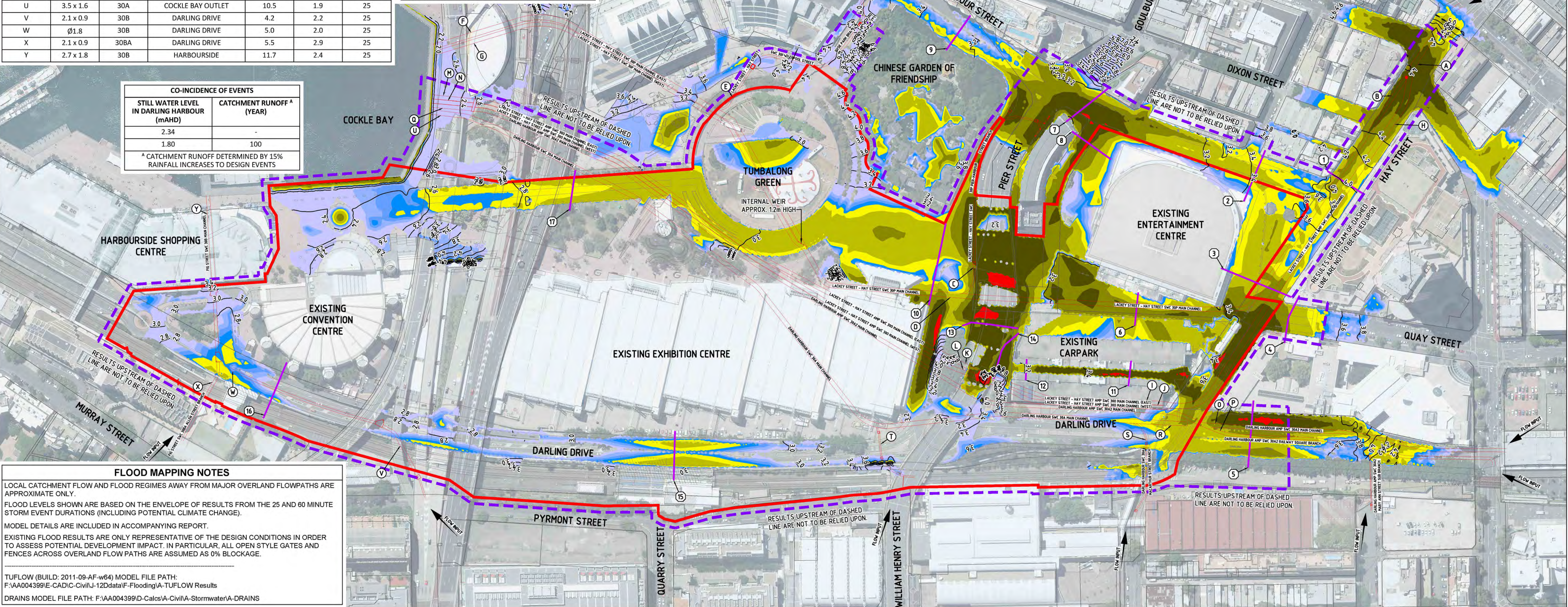
SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
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PROJECT NUMBER	DRAWING NUMBER	REV
AA004399	WP-FL-0112	01

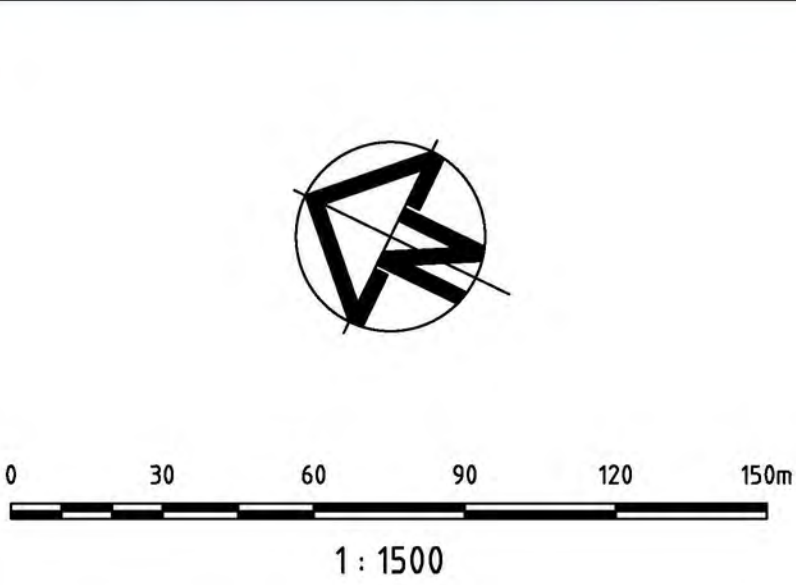
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C	Ø1.5	30P	PIER STREET	3.5	2.0	25
D	3.7 x 2.2	30P	PIER STREET	15.4	1.9	60
E	1.5 x 1.5	30P	TUMBALONG PARK	4.4	2.3	25
F	3.9 x 2.2	30P	IMAX THEATRE	12.0	1.4	60
G	3.1 x 2.2	30P	IMAX THEATRE	9.9	1.5	60
H	4.3 x 2.4	300	HAY STREET	23.0	2.2	60
I	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	12.5	1.7	60
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	12.3	1.7	25
K	3.0 x 2.4	300	PIER STREET	15.5	2.2	60
L	3.0 x 2.4	300	PIER STREET	15.4	2.1	60
M	3.0 x 2.4	300	COCKLE BAY OUTLET	15.5	2.2	60
N	3.0 x 2.4	300	COCKLE BAY OUTLET	15.4	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	15.5	2.1	25
R	3.1 x 1.6	30A	DARLING DRIVE	3.0	0.6	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	10.5	1.9	25
V	2.1 x 0.9	30B	DARLING DRIVE	4.2	2.2	25
W	Ø1.8	30B	DARLING DRIVE	5.0	2.0	25
X	2.1 x 0.9	30BA	DARLING DRIVE	5.5	2.9	25
Y	2.7 x 1.8	30B	HARBOURSIDE	11.7	2.4	25

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	19.1
2	HARBOUR STREET	9.0
3	HAY STREET	9.4
4	QUAY STREET	1.3
5	DARLING DRIVE (SOUTH)	13.1
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	8.4
7	HARBOUR STREET	5.5
8	LITTLE PIER STREET	4.5
9	HARBOUR STREET	1.9
10	CHINESE GARDENS	7.0
11	EC CAR PARK FLOW PATH	6.6
12	EC CAR PARK FLOW PATH	6.5
13	PIER STREET	6.8
14	PIER STREET	6.5
15	DARLING DRIVE	0.2
16	DARLING DRIVE (NORTH)	0.0
17	DARLING QUARTER	4.4

TABLE NOTES	
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² VELOCITY IS AT CORRESPONDING DESIGN FLOW	



DARLING HARBOUR LIVE



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

CLIENT

Lend Lease

PROJECT MANAGEMENT & CONSTRUCTION
LEVEL 4, THE BOND, 30 HICKSON RD MILLERS POINT, NSW 2000

CIVIL / TRAFFIC / FACADES

Hyder

HYDER CONSULTING PTY LTD
ABN 76 104 485 289
LEVEL 5, 141 WALKER ST.
NORTH SYDNEY NSW 2060
AUSTRALIA

Tel: +61 (0)2 8907 9000
Fax: +61 (0)2 8907 9001
www.hyderconsulting.com
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PROJECT

**SICEEP
DARLING HARBOUR
PROJECT PRECINCT**

DRAWING TITLE

**100 YEAR ARI
EXISTING CONDITIONS
FLOOD DEPTH AND LEVEL CONTOURS
INCLUDING POTENTIAL CLIMATE CHANGE**

STATUS

PRELIMINARY ONLY

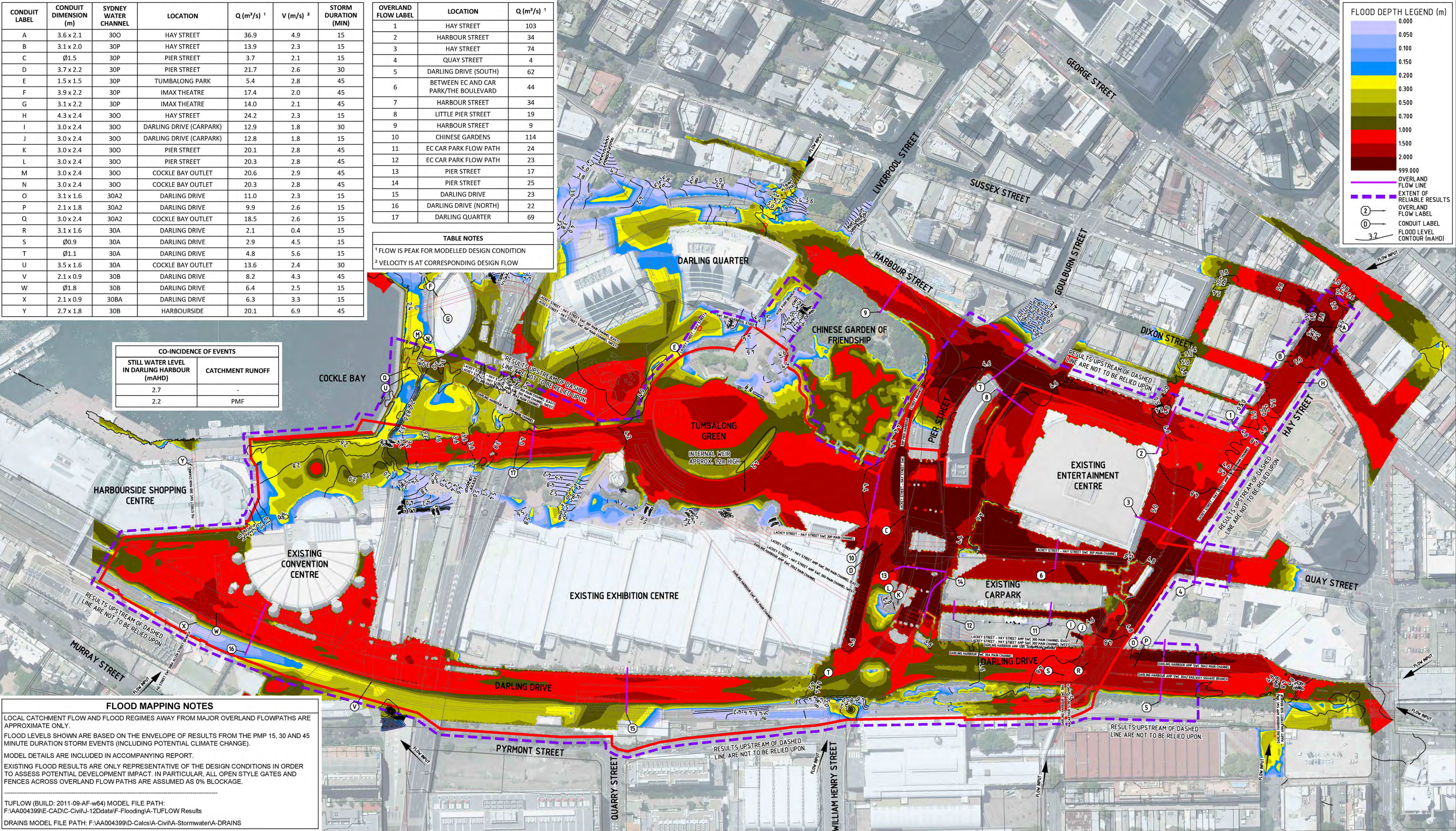
SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:1500	RD	CM	BC	JH

PROJECT NUMBER	DRAWING NUMBER	REV
AA004399	WP-FL-0113	01

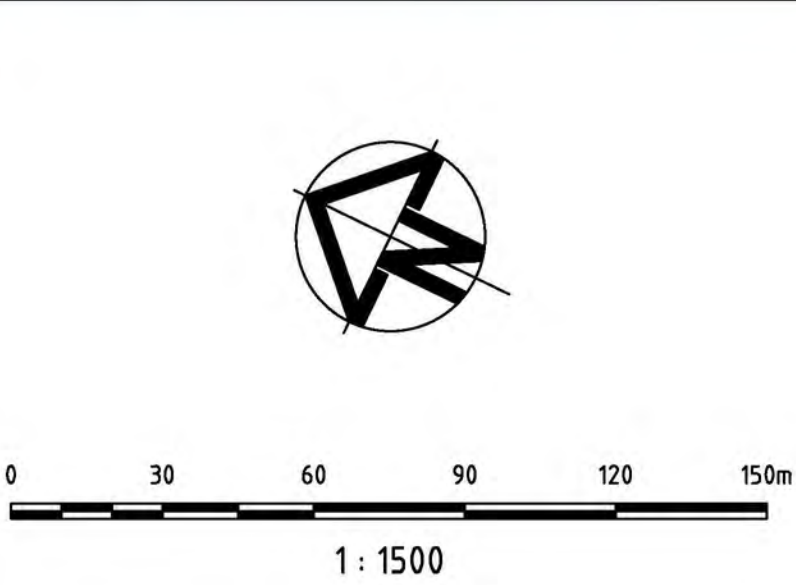
CONDUIT LABEL	CONDUIT DIMENSION (m)	SYDNEY WATER CHANNEL	LOCATION	Q (m³/s) ¹	V (m/s) ²	STORM DURATION (MIN)
A	3.6 x 2.1	300	HAY STREET	36.9	4.9	15
B	3.1 x 2.0	30P	HAY STREET	13.9	2.3	15
C	Ø1.5	30P	PIER STREET	3.7	2.1	15
D	3.7 x 2.2	30P	PIER STREET	21.7	2.6	30
E	1.5 x 1.5	30P	TUMBALONG PARK	5.4	2.8	45
F	3.9 x 2.2	30P	IMAX THEATRE	17.4	2.0	45
G	3.1 x 2.2	30P	IMAX THEATRE	14.0	2.1	45
H	4.3 x 2.4	300	HAY STREET	24.2	2.3	15
I	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	12.9	1.8	30
J	3.0 x 2.4	300	DARLING DRIVE (CARPARK)	12.8	1.8	15
K	3.0 x 2.4	300	PIER STREET	20.1	2.8	45
L	3.0 x 2.4	300	PIER STREET	20.3	2.8	45
M	3.0 x 2.4	300	COCKLE BAY OUTLET	20.6	2.9	45
N	3.0 x 2.4	300	COCKLE BAY OUTLET	20.3	2.8	45
O	3.1 x 1.6	30A2	DARLING DRIVE	11.0	2.3	15
P	2.1 x 1.8	30A2	DARLING DRIVE	9.9	2.6	15
Q	3.0 x 2.4	30A2	COCKLE BAY OUTLET	18.5	2.6	15
R	3.1 x 1.6	30A	DARLING DRIVE	2.1	0.4	15
S	Ø0.9	30A	DARLING DRIVE	2.9	4.5	15
T	Ø1.1	30A	DARLING DRIVE	4.8	5.6	15
U	3.5 x 1.6	30A	COCKLE BAY OUTLET	13.6	2.4	30
V	2.1 x 0.9	30B	DARLING DRIVE	8.2	4.3	45
W	Ø1.8	30B	DARLING DRIVE	6.4	2.5	15
X	2.1 x 0.9	30BA	DARLING DRIVE	6.3	3.3	15
Y	2.7 x 1.8	30B	HARBOURSIDE	20.1	6.9	45

OVERLAND FLOW LABEL	LOCATION	Q (m³/s) ¹
1	HAY STREET	103
2	HARBOUR STREET	34
3	HAY STREET	74
4	QUAY STREET	4
5	DARLING DRIVE (SOUTH)	62
6	BETWEEN EC AND CAR PARK/THE BOULEVARD	44
7	HARBOUR STREET	34
8	LITTLE PIER STREET	19
9	HARBOUR STREET	9
10	CHINESE GARDENS	114
11	EC CAR PARK FLOW PATH	24
12	EC CAR PARK FLOW PATH	23
13	PIER STREET	17
14	PIER STREET	25
15	DARLING DRIVE	23
16	DARLING DRIVE (NORTH)	22
17	DARLING QUARTER	69

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



DARLING HARBOUR LIVE



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