

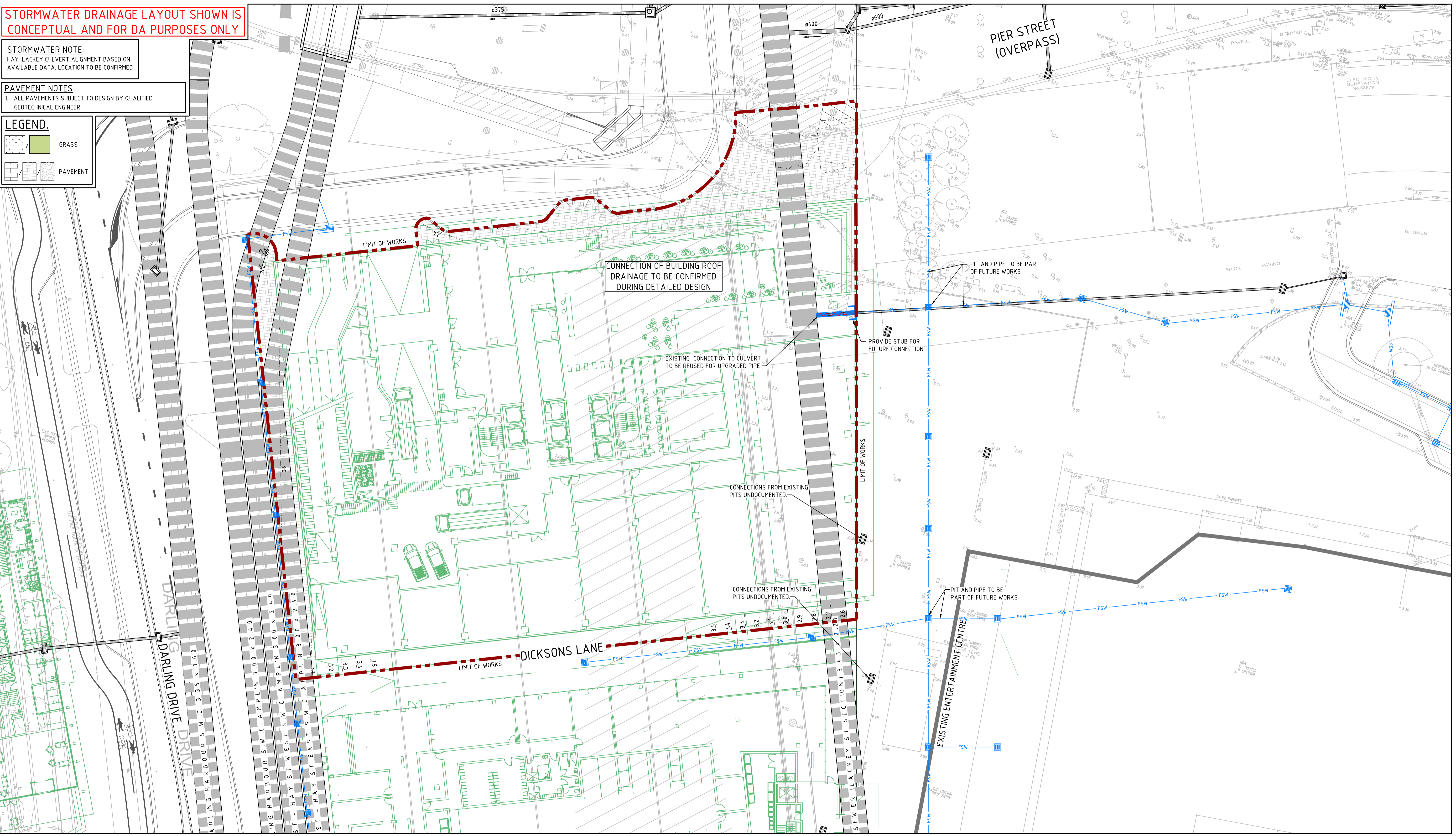
**STORMWATER DRAINAGE LAYOUT SHOWN IS CONCEPTUAL AND FOR DA PURPOSES ONLY**

**STORMWATER NOTE:**  
HAY-LACKEY CULVERT ALIGNMENT BASED ON AVAILABLE DATA. LOCATION TO BE CONFIRMED

**PAVEMENT NOTES**  
1. ALL PAVEMENTS SUBJECT TO DESIGN BY QUALIFIED GEOTECHNICAL ENGINEER.

**LEGEND**

- GRASS
- PAVEMENT

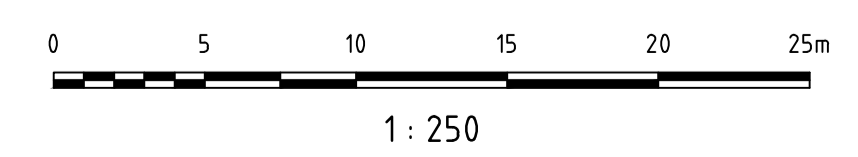


SYDNEY INTERNATIONAL CONVENTION, EXHIBITION AND ENTERTAINMENT PRECINCT

**DARLING HARBOUR LIVE**

REFERENCE MAP

- NOTES:**
- DO NOT SCALE FROM DRAWINGS. WORK TO WRITTEN DIMENSIONS ONLY.
  - ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
  - ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
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  - THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.



DRAFT		
REV	DESCRIPTION	DATE
03	DRAFT ISSUE	01/05/2013
02	DRAFT ISSUE	24/04/2013
01	DRAFT ISSUE	12/04/2013

**CLIENT**  
**Lend Lease** LEVEL 4, THE BOND, 30 HICKSON RD MILLERS POINT, NSW 2000

**CONSULTANTS**  
**HASSELL + POPULOUS** LANDSCAPE ARCHITECT LEVEL 2, 88 CLUMBERLAND STREET, SYDNEY NSW 2000

**DENTON ARCHITECT** 48 EXHIBITION STREET, M.A.R.S. HALL MELBOURNE VICTORIA 3000

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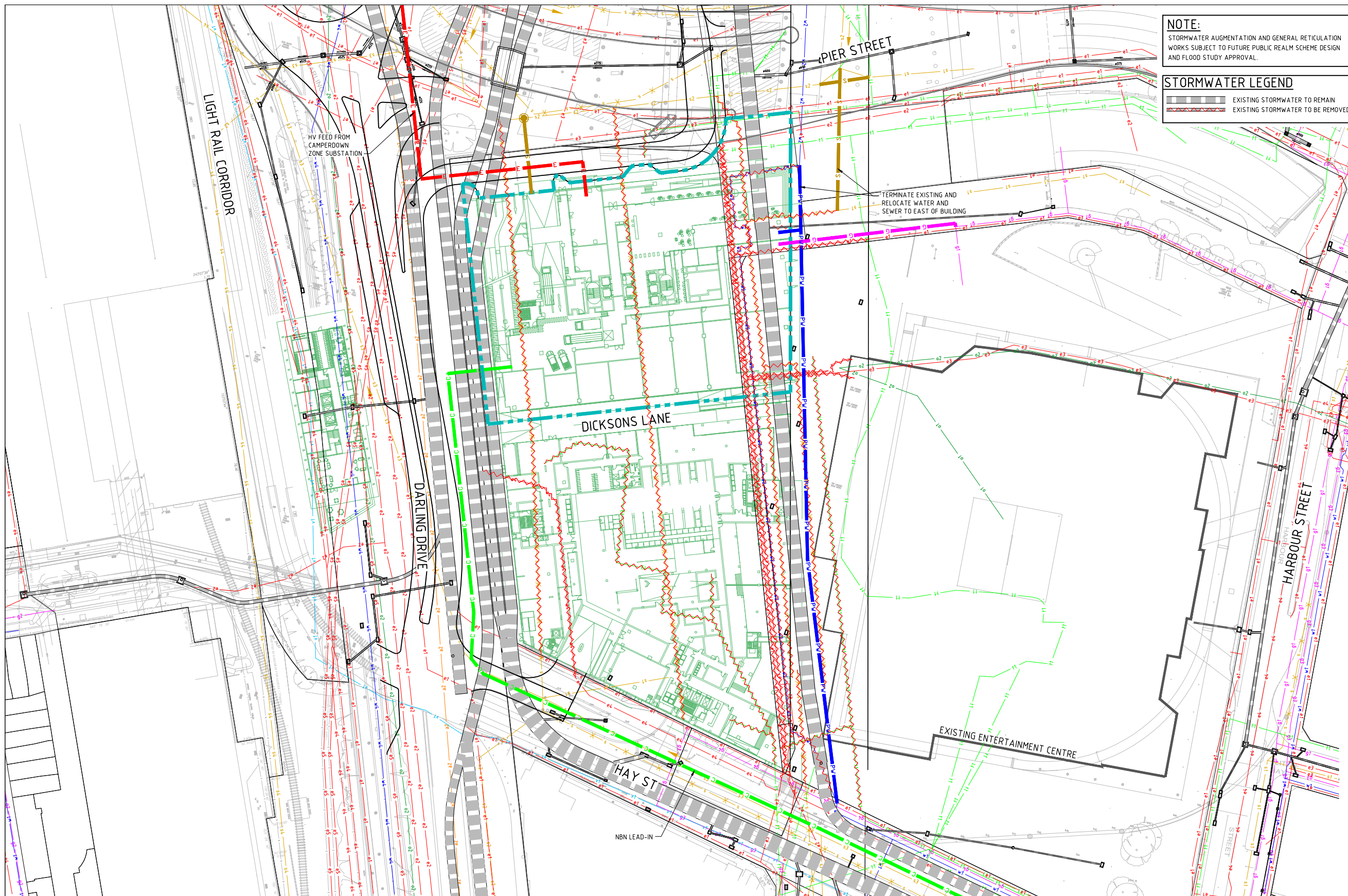
**PROJECT**  
**SICEP - DARLING HARBOUR HAYMARKET (PDA) NORTH WEST PLOT**

**DRAWING TITLE**  
**CIVIL WORKS AND STORMWATER PLAN**

**STATUS**  
**PRELIMINARY ONLY**

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 250	RD	RR		
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-2301	03		

SYDNEY INTERNATIONAL CONVENTION, EXHIBITION AND ENTERTAINMENT PRECINCT



**NOTE:**  
STORMWATER AUGMENTATION AND GENERAL RETICULATION WORKS SUBJECT TO FUTURE PUBLIC REALM SCHEME DESIGN AND FLOOD STUDY APPROVAL.

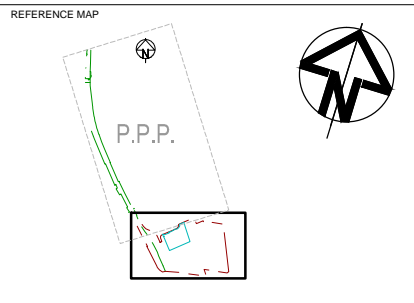
**STORMWATER LEGEND**  
 - [Solid line] EXISTING STORMWATER TO REMAIN  
 - [Dashed line] EXISTING STORMWATER TO BE REMOVED

- SERVICES LEGEND**  
**PROPOSED SERVICES**
- [Blue line] PW PROPOSED POTABLE WATER MAIN
  - [Yellow line] S PROPOSED SEWER MAIN
  - [Red line] G PROPOSED GAS MAIN
  - [Green line] E PROPOSED ELECTRICAL CONDUIT
  - [Cyan line] C PROPOSED COMMUNICATIONS CONDUIT
  - [Red dashed line] UTILITIES TO BE REMOVED
  - [Blue dashed line] STAGE BOUNDARY
  - [Green dashed line] BUILDING OVER SEWER MAIN
- SERVICES**
- [Blue line] w1 POTABLE WATER MAIN 100, 150
  - [Blue line] w2 POTABLE WATER MAIN 200, 225
  - [Blue line] w3 POTABLE WATER MAIN 250, 300
  - [Blue line] w4 POTABLE WATER MAIN 375, 500
  - [Blue line] w5 POTABLE WATER MAIN 600
  - [Yellow line] s1 SEWER MAIN 150-300
  - [Yellow line] s2 SEWER MAIN 375-450
  - [Yellow line] s3 SEWER MAIN 525-1000
  - [Yellow line] s4 SEWER MAIN 812x1219, 1016x1270, 1016x1778, 1300x1750
  - [Red line] sr1 SEWER RISING MAIN 375
  - [Red line] sr2 SEWER RISING MAIN 600
  - [Red line] s DISUSED SEWER MAIN
  - [Green line] g1 SECONDARY GAS MAIN 1050 kPa
  - [Green line] g2 210 kPa GAS MAIN
  - [Green line] g3 7 kPa GAS MAIN
  - [Green line] g4 PROPOSED GAS MAIN 2kPa
  - [Cyan line] a1 AAPT DUCT
  - [Cyan line] a2 NON-AAPT DUCT (LIKELY FALSE)
  - [Cyan line] n1 NEXTGEN CABLE
  - [Cyan line] n2 NEXTGEN THIRD PARTY CABLE
  - [Cyan line] o1 OPTUS
  - [Cyan line] o2 OPTUS IN OTHER UTILITY'S DUCT
  - [Cyan line] t1 TELSTRA 1-4 CONDUITS
  - [Cyan line] t2 TELSTRA MAJOR SERVICE
  - [Cyan line] t3 TELSTRA AERIAL CABLE
  - [Cyan line] v1 VERIZON DUCT
  - [Cyan line] v2 TELSTRA DUCT (LIKELY FALSE)
  - [Red line] pn PIPE NETWORKS DUCT
  - [Red line] c1 1-5 CONDUITS
  - [Red line] c2 6-12 CONDUITS
  - [Red line] c3 13-20 CONDUITS
  - [Red line] r1 RAILWAY CABLES
  - [Red line] t5 TRANSMISSION CABLES

**NOTES:**

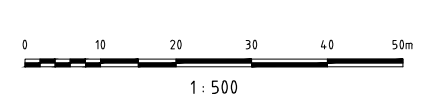
- THE EXISTING STORMWATER SHOWN ON THIS DRAWING HAS BEEN PLOTTED FROM INFORMATION SUPPLIED FROM CITY OF SYDNEY COUNCIL AND SYDNEY WATER REPORT "CITY AREA SWC 30 CAPACITY ASSESSMENT - JULY 1996". THE EXISTING STORMWATER INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN STORMWATER AND MAY NOT BE AS CONSTRUCTED OR ACCURATE. HYDER CONSULTING CAN NOT GUARANTEE THAT THE STORMWATER INFORMATION SHOWN ON THIS DRAWING ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF STORMWATER INFRASTRUCTURE OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE STORMWATER INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.
- THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ON THIS DRAWING HAS BEEN PLOTTED FROM "DIAL BEFORE YOU DIG" DRAWINGS RECEIVED ON THE 05/7/11. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE. HYDER CONSULTING CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THIS DRAWING ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.

**DARLING HARBOUR LIVE**



**NOTES:**

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REV	DESCRIPTION	DATE
03	DRAFT ISSUE	01/05/2013
02	DRAFT ISSUE	24/04/2013
01	DRAFT ISSUE	12/04/2013

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**DENTON ARCHITECT** 49 EXHIBITION STREET, MELBOURNE VICTORIA 3000  
**MARSHALL**

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**PROJECT**  
**SICEP - DARLING HARBOUR HAYMARKET (PDA) NORTH WEST PLOT**



**DRAWING TITLE**  
**COMBINED SERVICES PLAN**

**STATUS**  
**PRELIMINARY ONLY**

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:500	RD	HM		
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-2401	03		

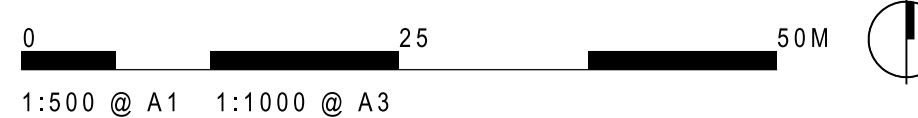
NOTE: ISSUED FOR DEVELOPMENT APPLICATION ONLY  
 SUBJECT TO REVIEW + DESIGN DEVELOPMENT - NOT TO BE USED FOR CONSTRUCTION



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7428A SNW\_DA30005 REV 01  
 DEVELOPMENT APPLICATION 20/05/13

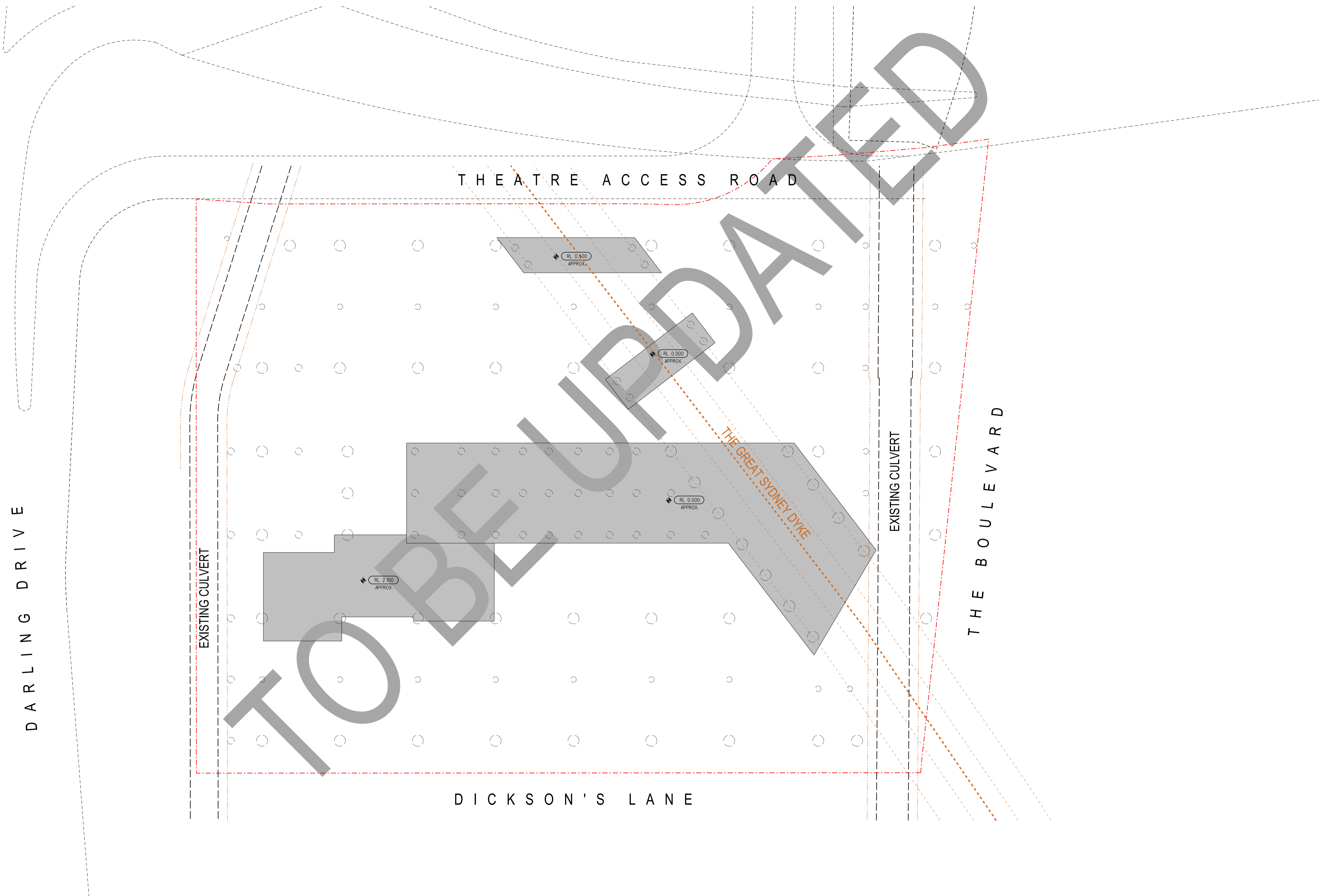


LEND LEASE DESIGN

**THE HAYMARKET**  
**LEND LEASE DEVELOPMENT**

**DEVELOPMENT APPLICATION**  
**SSDA4 - NORTH WEST PLOT**  
**SITE PLAN - DEMOLITION**

NOTE: ISSUED FOR DEVELOPMENT APPLICATION ONLY  
SUBJECT TO REVIEW + DESIGN DEVELOPMENT - NOT TO BE USED FOR CONSTRUCTION



Lend Lease Project\NSW\1705\2013 11:45:44 AM SNW\_DA30006.dgn



7428A SNW\_DA30006 REV 01  
DEVELOPMENT APPLICATION

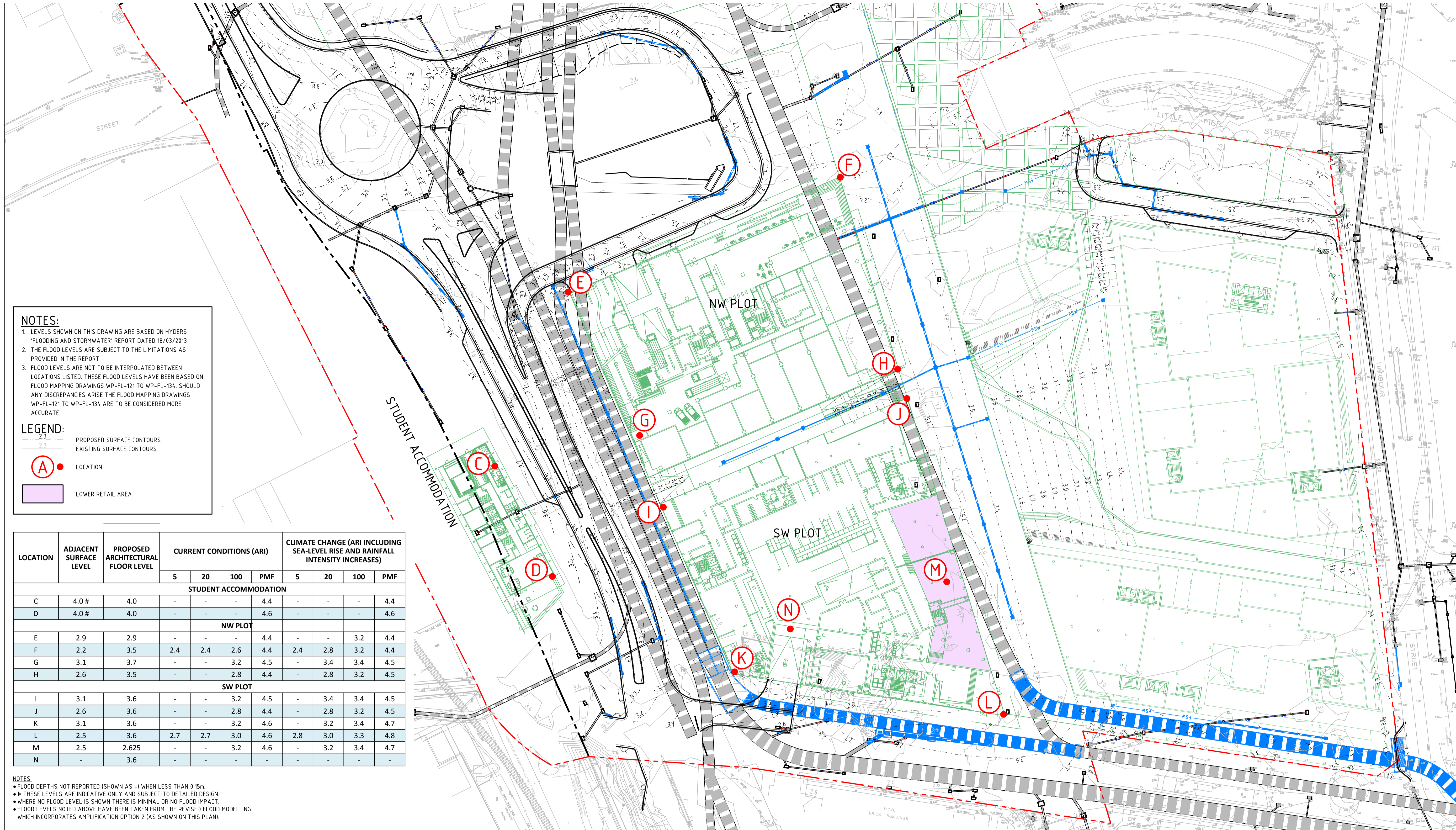
0 5 10 15 20M

1:200 @ A1 1:400 @ A3

LEND LEASE DESIGN

**THE HAYMARKET**  
**LEND LEASE DEVELOPMENT**

**DEVELOPMENT APPLICATION**  
**SSDA4 - NORTH WEST PLOT**  
**DETAILED EXCAVATION**



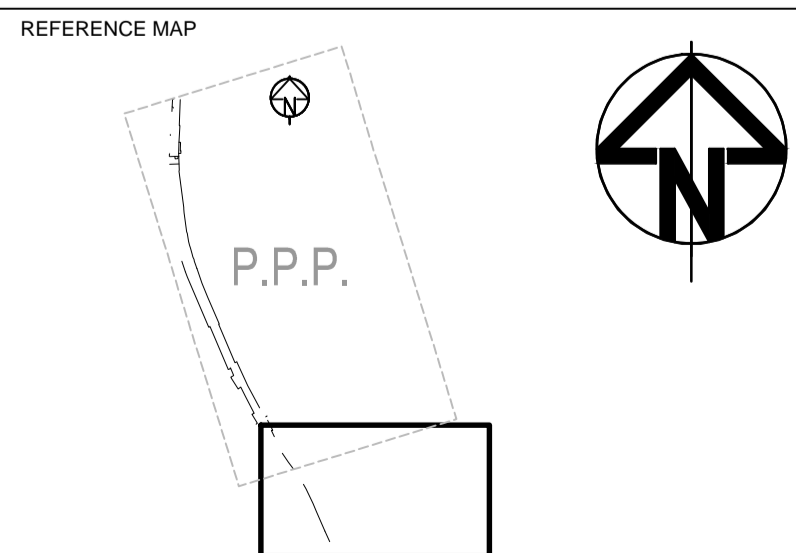
**NOTES:**  
 1. LEVELS SHOWN ON THIS DRAWING ARE BASED ON HYDERS 'FLOODING AND STORMWATER' REPORT DATED 18/03/2013  
 2. THE FLOOD LEVELS ARE SUBJECT TO THE LIMITATIONS AS PROVIDED IN THE REPORT  
 3. FLOOD LEVELS ARE NOT TO BE INTERPOLATED BETWEEN LOCATIONS LISTED. THESE FLOOD LEVELS HAVE BEEN BASED ON FLOOD MAPPING DRAWINGS WP-FL-121 TO WP-FL-134. SHOULD ANY DISCREPANCIES ARISE THE FLOOD MAPPING DRAWINGS WP-FL-121 TO WP-FL-134 ARE TO BE CONSIDERED MORE ACCURATE.

**LEGEND:**  
 PROPOSED SURFACE CONTOURS  
 EXISTING SURFACE CONTOURS  
 LOCATION  
 LOWER RETAIL AREA

LOCATION	ADJACENT SURFACE LEVEL	PROPOSED ARCHITECTURAL FLOOR LEVEL	CURRENT CONDITIONS (ARI)				CLIMATE CHANGE (ARI INCLUDING SEA-LEVEL RISE AND RAINFALL INTENSITY INCREASES)			
			5	20	100	PMF	5	20	100	PMF
<b>STUDENT ACCOMMODATION</b>										
C	4.0 #	4.0	-	-	-	4.4	-	-	-	4.4
D	4.0 #	4.0	-	-	-	4.6	-	-	-	4.6
<b>NW PLOT</b>										
E	2.9	2.9	-	-	-	4.4	-	-	3.2	4.4
F	2.2	3.5	2.4	2.4	2.6	4.4	2.4	2.8	3.2	4.4
G	3.1	3.7	-	-	3.2	4.5	-	3.4	3.4	4.5
H	2.6	3.5	-	-	2.8	4.4	-	2.8	3.2	4.5
<b>SW PLOT</b>										
I	3.1	3.6	-	-	3.2	4.5	-	3.4	3.4	4.5
J	2.6	3.6	-	-	2.8	4.4	-	2.8	3.2	4.5
K	3.1	3.6	-	-	3.2	4.6	-	3.2	3.4	4.7
L	2.5	3.6	2.7	2.7	3.0	4.6	2.8	3.0	3.3	4.8
M	2.5	2.625	-	-	3.2	4.6	-	3.2	3.4	4.7
N	-	3.6	-	-	-	-	-	-	-	-

**NOTES:**  
 • FLOOD DEPTHS NOT REPORTED (SHOWN AS -) WHEN LESS THAN 0.15m.  
 • # THESE LEVELS ARE INDICATIVE ONLY AND SUBJECT TO DETAILED DESIGN.  
 • WHERE NO FLOOD LEVEL IS SHOWN THERE IS MINIMAL OR NO FLOOD IMPACT.  
 • FLOOD LEVELS NOTED ABOVE HAVE BEEN TAKEN FROM THE REVISED FLOOD MODELLING WHICH INCORPORATES AMPLIFICATION OPTION 2 (AS SHOWN ON THIS PLAN).

**DARLING HARBOUR LIVE**



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DRAFT		
01	ISSUE FOR INFORMATION	16/05/13
REV	DESCRIPTION	DATE

**CLIENT**  
 LEND LEASE LEVEL 4, THE BOND, 30 HICKSON RD MILLERS POINT, NSW 2000

**CONSULTANTS**  
 HASSELL + POPOULOUS LANDSCAPE ARCHITECT LEVEL 2, 88 CLUMBERLAND STREET, SYDNEY NSW 2000

DENTON ARCHITECT 49 EXHIBITION STREET, MARS HALL MELBOURNE VICTORIA 3000

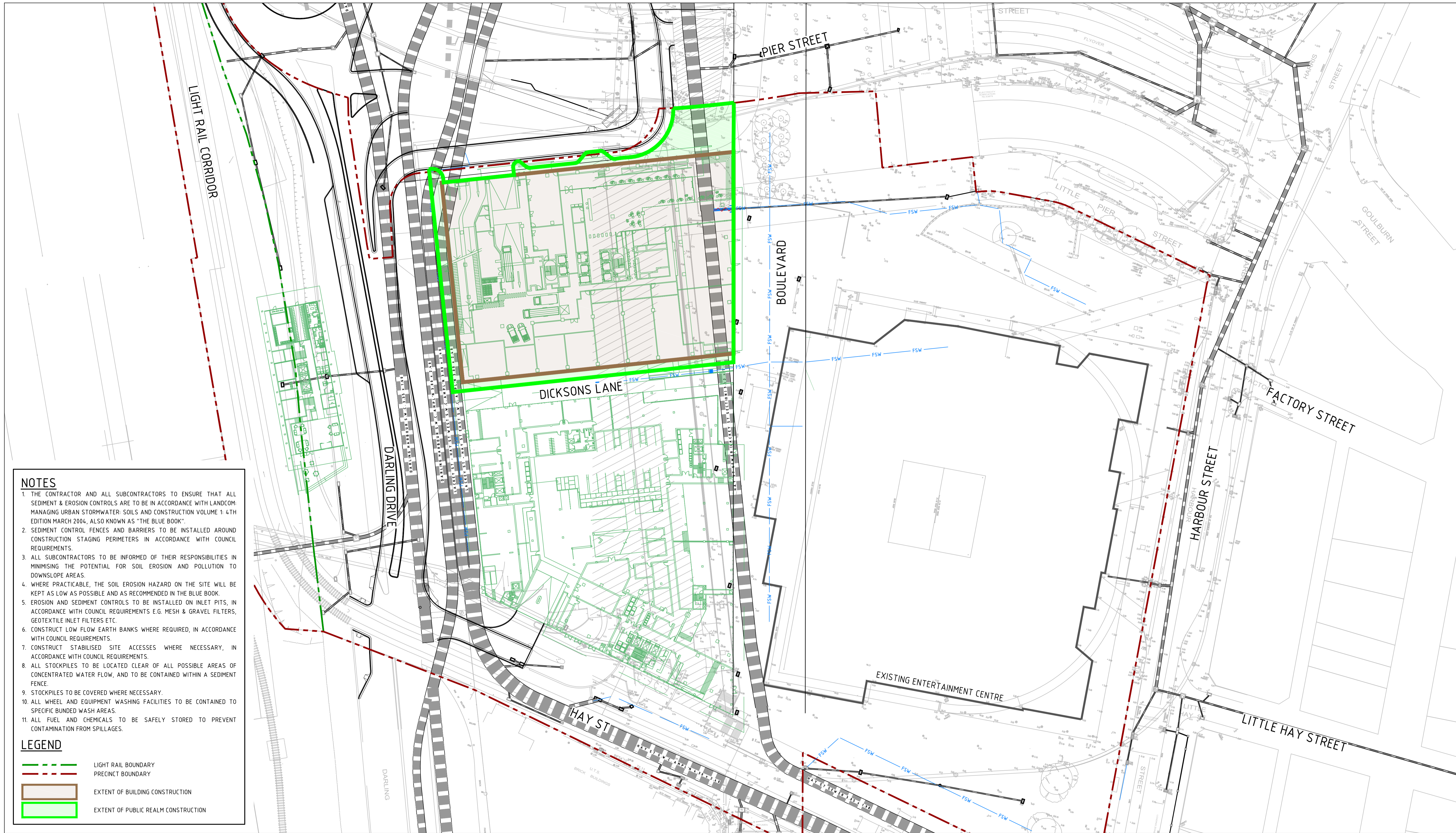
**CIVIL / TRAFFIC / FACADES**  
 HYDER CONSULTING PTY LTD ABN 76 104 485 289 LEVEL 5, 141 WALKER ST, NORTH SYDNEY NSW 2060 AUSTRALIA  
 Tel: +61 (0)2 8907 9000 Fax: +61 (0)2 8907 9001 www.hyderconsulting.com © Copyright reserved

**PROJECT**  
 SICEP DARLING HARBOUR PRIVATE DEVELOPMENT AREA (PDA)

**DRAWING TITLE**  
 PROPOSED FLOOR LEVEL GRADING AND FLOOD LEVEL (INCLUDING CLIMATE CHANGE) PLAN

**STATUS**  
 PRELIMINARY ONLY

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 500	JJB	CM	MK	-
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	SKCPD060	01		



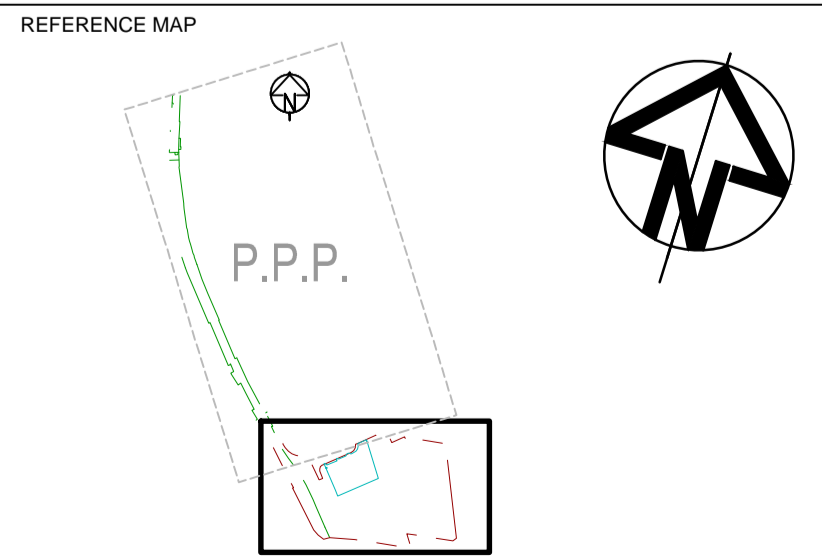
**NOTES**

1. THE CONTRACTOR AND ALL SUBCONTRACTORS TO ENSURE THAT ALL SEDIMENT & EROSION CONTROLS ARE TO BE IN ACCORDANCE WITH LANDCOM: MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION VOLUME 1: 4TH EDITION MARCH 2004, ALSO KNOWN AS "THE BLUE BOOK".
2. SEDIMENT CONTROL FENCES AND BARRIERS TO BE INSTALLED AROUND CONSTRUCTION STAGING PERIMETERS IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
3. ALL SUBCONTRACTORS TO BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE AREAS.
4. WHERE PRACTICABLE, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE AND AS RECOMMENDED IN THE BLUE BOOK.
5. EROSION AND SEDIMENT CONTROLS TO BE INSTALLED ON INLET PITS, IN ACCORDANCE WITH COUNCIL REQUIREMENTS E.G. MESH & GRAVEL FILTERS, GEOTEXTILE INLET FILTERS ETC.
6. CONSTRUCT LOW FLOW EARTH BANKS WHERE REQUIRED, IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
7. CONSTRUCT STABILISED SITE ACCESSES WHERE NECESSARY, IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
8. ALL STOCKPILES TO BE LOCATED CLEAR OF ALL POSSIBLE AREAS OF CONCENTRATED WATER FLOW, AND TO BE CONTAINED WITHIN A SEDIMENT FENCE.
9. STOCKPILES TO BE COVERED WHERE NECESSARY.
10. ALL WHEEL AND EQUIPMENT WASHING FACILITIES TO BE CONTAINED TO SPECIFIC BUNDED WASH AREAS.
11. ALL FUEL AND CHEMICALS TO BE SAFELY STORED TO PREVENT CONTAMINATION FROM SPILLAGES.

**LEGEND**

- LIGHT RAIL BOUNDARY
- PRECINCT BOUNDARY
- EXTENT OF BUILDING CONSTRUCTION
- EXTENT OF PUBLIC REALM CONSTRUCTION

**DARLING HARBOUR LIVE**



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0 10 20 30 40 50m

1 : 500

DRAFT		
REV	DESCRIPTION	DATE
03	DRAFT ISSUE	01/05/2013
02	DRAFT ISSUE	24/04/2013
01	DRAFT ISSUE	12/04/2013

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**PROJECT**  
**SICEP - DARLING HARBOUR HAYMARKET (PDA) NORTH WEST PLOT**



**DRAWING TITLE**  
**SEDIMENT AND EROSION CONTROL PLAN**

**STATUS**  
**PRELIMINARY ONLY**

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 500	RD	-	-	-
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-2201	03		