

SYDNEY INTERNATIONAL CONVENTION, EXHIBITION AND ENTERTAINMENT PRECINCT (SICEEP)

DARLING SQUARE
SOUTH EAST PLOT

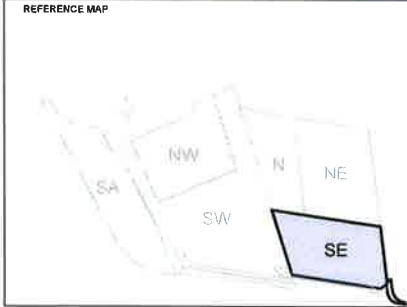
ISSUE FOR DEVELOPMENT APPLICATION



LOCALITY PLAN
N.T.S.

SYDNEY INTERNATIONAL CONVENTION, EXHIBITION AND ENTERTAINMENT PRECINCT

DARLING HARBOUR LIVE



- NOTES:**
1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
 2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 3. ALL COORDINATES TO MGA, ALL LEVELS TO AHD.
 4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
 5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
 6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

REV	DESCRIPTION	DATE
05	ARCHITECTURAL BASE UPDATED	16/10/2015
04	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
03	ISSUE FOR CONSTRUCTION	07/04/2015
02	ISSUE FOR TENDER	30/03/2014
01	ISSUE FOR CLIENT REVIEW	08/05/2014

CLIENT
LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS
fjmt
francis-jones morehen thorpe
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

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



DRAWING TITLE
TITLE SHEET AND
LOCALITY PLAN

STATUS				
DEVELOPMENT APPLICATION				
SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
N.T.S.	JW	-	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8001	05		

GENERAL	
PD-CI-8001	TITLE SHEET AND LOCALITY PLAN
PD-CI-8002	DRAWING LIST
PD-CI-8005	GENERAL NOTES SHEET 1
PD-CI-8006	GENERAL NOTES SHEET 2
PD-CI-8011	GENERAL ARRANGEMENT PLAN
PD-CI-8021	SURVEY AND EXISTING SERVICES PLAN (DBYD)
PD-CI-8022	SURVEY AND EXISTING SERVICES PLAN (ROBERT BIRD GROUP)
SITE PREPARATION	
PD-CI-8101	DEMOLITION AND SITE CLEARANCE PLAN
PD-CI-8151	BULK EARTHWORKS PLAN
SEDIMENT AND EROSION CONTROL	
PD-CI-8201	SEDIMENT AND EROSION CONTROL PLAN
PD-CI-8221	SEDIMENT AND EROSION CONTROL DETAILS
CIVIL WORKS	
PD-CI-8301	CIVIL WORKS AND STORMWATER PLAN
PD-CI-8321	PAVEMENT PLAN
PD-CI-8381	CIVIL WORKS DETAILS
STORMWATER DRAINAGE	
PD-CI-8516	STORMWATER DRAINAGE PIT SCHEDULE
PD-CI-8521	STORMWATER DRAINAGE LONGITUDINAL SECTIONS
PD-CI-8531	STORMWATER DRAINAGE CATCHMENT PLAN
PD-CI-8532	STORMWATER DRAINAGE EXISTING CATCHMENT PLAN
PD-CI-8541	STORMWATER DRAINAGE DETAILS SHEET 1
PD-CI-8542	STORMWATER DRAINAGE DETAILS SHEET 2
PD-CI-8543	STORMWATER DRAINAGE DETAILS SHEET 3
PD-CI-8581	WATER SENSITIVE URBAN DESIGN STRATEGY PLAN
PD-CI-8586	WATER SENSITIVE URBAN DESIGN DETAILS
SETOUT	
PD-CI-8601	CONTROL LINE SETOUT PLAN
SERVICES	
PD-CI-8902	COMBINED SERVICES PLAN (ROBERT BIRD GROUP)
PD-CI-8911	COMBINED SERVICES SECTION

DARLING HARBOUR LIVE

REFERENCE MAP

NOTES:

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.

2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.

3. ALL COORDINATES TO MGA ALL LEVELS TO AHD.

4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.

5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.

6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

REV	DESCRIPTION	DATE
06	ARCHITECTURAL BASE UPDATED	16/10/2015
05	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
04	ISSUE FOR CONSTRUCTION	07/04/2015
03	DRAWING LIST AMENDED	17/08/2014
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT

LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS

francis-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

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 8807 8001
www.hyderconsulting.com
© Copyright reserved

PROJECT

SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

DRAWING TITLE

DRAWING LIST

STATUS

DEVELOPMENT APPLICATION

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
N.T.S.	JW	-	MBK	MAK

PROJECT NUMBER	DRAWING NUMBER	REV
AA004399	PD-CI-8002	06

GENERAL NOTES

- ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH R.M.S. AUSTRALIAN STANDARDS, AUSTRROADS, SHFA AND CITY OF SYDNEY COUNCIL'S DESIGN GUIDELINES AND SPECIFICATIONS AND/OR AS DIRECTED BY THE PRINCIPLE WHERE DISCREPANCIES OCCUR THE MORE STRINGENT SPECIFICATION WILL TAKE PRECEDENCE.
- THE CONTRACTOR SHALL LOCATE AND DETERMINE ALL LEVELS OF EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION AND SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE OR ADJUST AS REQUIRED. ALL COSTS TO BE BORNE BY THE APPLICANT, (NOT AT COUNCIL'S EXPENSE)
- NO ONE SHALL ENTER UPON OR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT PRIOR WRITTEN PERMISSION OF THE LAND OWNER
- SURVEY MARKS SHALL BE MAINTAINED AT ALL TIMES. WHERE RETENTION IS NOT POSSIBLE THE PRINCIPLE SHALL BE NOTIFIED AND CONSENT RECEIVED PRIOR TO THEIR REMOVAL.
- SEDMENT CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO SOIL DISTURBANCE IN KEEPING WITH THE "MANAGING STORMWATER MANUAL", 2004 BY LANDCOM AND TO COUNCIL'S SOIL EROSION AND SEDIMENT CONTROL POLICY
- ALL LAND DISTURBED BY EARTHWORKS SHALL BE HYDROMULCHED, OR SIMILARLY TREATED TO ESTABLISH GRASS COVER. SEED MIXTURES ARE TO BE APPROVED BY LEAD LEASE PRIOR TO SPRAYING. ALL GRASSSED AREAS SHALL BE REGULARLY WATERED AND MAINTAINED UNTIL EXPIRATION OF THE MAINTENANCE PERIOD.
- THE CONTRACTOR SHALL MAINTAIN DUST CONTROL THROUGHOUT THE DURATION OF THE PROJECT.
- ALL DRAINAGE LINES SHALL BE CONTAINED WITHIN THEIR EASEMENTS AND CONFORM WITH COUNCIL'S STANDARDS.
- SUBSOIL DRAINS SHALL BE CONSTRUCTED TO THE SATISFACTION OF THE COUNCIL OR R.M.S. SPECIFICATION WHERE APPLICABLE.
- MINIMUM 100mm THICK TOPSOIL SHALL BE SPREAD ON ALL FOOTPATHS, BERMS, BATTERS AND SITE REGRADING AREAS. EXCESS TOPSOIL SHALL BE DISPOSED OF AS DIRECTED BY THE PRINCIPLE.
- THE CONTRACTOR SHALL PROVIDE MINIMUM 4.8 HOURS NOTICE TO THE PRINCIPLE FOR ALL INSPECTIONS.
- THE CONTRACTOR SHALL MAINTAIN SERVICES AND ALL WEATHER ACCESS AT ALL TIMES TO THE ADJOINING PROPERTIES INCLUDING PEDESTRIAN ACCESS.
- THE CONTRACTOR SHALL UNDERTAKE TRAFFIC CONTROL MANAGEMENT MEASURES IN ACCORDANCE WITH THE RMS TRAFFIC CONTROL AT WORK SITES MANUAL AND TO THE PRINCIPLE'S SATISFACTION AND SHALL DISPLAY APPROPRIATE WARNING SIGNS THROUGHOUT THE DURATION OF CONSTRUCTION.
- ALL NATURAL SURFACE DATA HAS BEEN DETERMINED BY TERRAIN MODELLING. ALL CONSTRUCTION SITE WORKS MUST BE CARRIED OUT USING THE BENCH MARKS NOTED IN THIS DRAWINGS.
- 100 YEAR FLOW PATHS TO BE FORMED AT TIME OF CONSTRUCTION.
- ALL WORKS ADJACENT TO THE RAIL ARE TO BE UNDERTAKEN IN ACCORDANCE WITH RAILCORP, TRANSPORT FOR NSW AND THE RAIL OPERATOR REQUIREMENTS AND SPECIFICATIONS.
- ALL WORKS TO BE CARRIED OUT IN COORDINATION WITH ADJACENT EXISTING AREAS, PPP AND PUBLIC REALM WORKS.

SURVEY NOTES

- DETAILED GROUND SURVEY WITHIN THE SITE AND BOUNDARIES WERE SUPPLIED BY RYGATE & COMPANY PTY. LTD. REFERENCE NUMBER 75717, DATED 22/08/2013 AND UPDATED ON 08/05/2014.
- THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN HYDER CONSULTING DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE.
- SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT LEAD LEASE BUILDING LOCAL SURVEY MARKS

E 333679.368
N 624994.260
SSM 54327 TO SSM 168146
PM 55082
RL 3.288

STREET FURNITURE NOTES

- ALL SIGNAGE TO BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE R.M.S. REGULATORY SIGNS MANUAL.
- ALL LAMP COLUMNS, STREET NAME SIGNS AND BUS SHELTERS TO BE TO CITY OF SYDNEY AND SHFA SATISFACTION.
- ALL LAMP COLUMNS TO BE IN ACCORDANCE WITH CITY OF SYDNEY COUNCIL, SHFA AND / OR AUSGRID SPECIFICATIONS.

BOUNDARY LEGEND

- SICEEP BOUNDARY
— PDA DA BOUNDARY
— LIMITED IN STRATUM BOUNDARY

SITEWORKS NOTES

- ORIGIN OF LEVELS: REFER SURVEY NOTES.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO HYDER CONSULTING.
- MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
- ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
- SEWER, POTABLE WATER AND RECYCLED WATER MAINS BACKFILL TO BE IN ACCORDANCE WITH WS403-2002-7.2, WAT-1201, WAT-1202, WAT-1203 AND WAT-1204-V. ALL OTHER SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE, WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH CEMENT STABILISED SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 (OR A DENSITY INDEX OF NOT LESS THAN 75)
- PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
- ASPHALTIC CONCRETE SHALL CONFORM TO R.M.S. SPECIFICATION R116
- ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S. QA SPECIFICATION 3051 COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1
- ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH R.M.S. QA SPECIFICATION 3051 AND 3051.1 AND COMPACTED TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 AND RMS SPECIFICATION R71. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m² OF SUB-BASE COURSE MATERIAL PLACED.
- AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (IN A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH R.M.S. QA SPECIFICATION 3051 AND 3051.1 WILL BE CONSIDERED SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF HYDER CONSULTING.
- SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THIS SHALL BE CLEARLY INDICATED IN THEIR TENDER AND THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
- WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (e.g. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS.
- ALL FOOTPATHS AND CYCLEWAYS TO BE IN ACCORDANCE WITH CITY OF SYDNEY COUNCIL DESIGN GUIDELINES.

REMEDIATION AND WASTE MANAGEMENT NOTES

- CONTAMINATED SOILS EXIST ON THE PROJECT SITE. AREAS OF ASBESTOS CONTAMINATION ARE KNOWN ON THE PROJECT SITE. A DETAILED REMEDIAL ACTION PLAN (RAP) (SITE SPECIFIC REMEDIAL ACTION PLAN FOR THE HAYMARKET PLANNING APPLICATION, HAYMARKET, SYDNEY, NSW 13 JANUARY 2014) AND A REMEDIAL WORKS PLAN (RWP) HAS BEEN PREPARED FOR THE REMOVAL AND MANAGEMENT OF ALL CONTAMINATION.
- THERE IS POTENTIAL FOR THE DISCOVERY OF PREVIOUSLY UNKNOWN CONTAMINATION DURING ALL CIVIL WORKS.
- THE RWP DESCRIBES THE WORK REQUIRED TO BE COMPLETED DURING CONSTRUCTION TO REMEDIATE THE SITE INCLUDING PROCEDURES AND CONTROLS FOR REMOVING KNOWN AND MANAGING UNEXPECTED FINDS OF CONTAMINATION.
- THE CONTRACTOR SHALL INCORPORATE INTO WORK METHOD STATEMENTS ALL RELEVANT SOIL CONTAMINATION MANAGEMENT MEASURES DOCUMENTED IN THE RWP.
- ALL CONTRACTOR STAFF MUST BE INDUCTED INTO THE CONTAMINATED SOIL "UNEXPECTED FINDS PROCEDURE" (INCLUDED IN THE RWP).
- REMEDIAL WORKS PLAN (RWP) INVOLVE THE PROCESS OF VALIDATION (CONFIRMING CONTAMINATED AREAS HAVE BEEN REMEDIATED TO APPROPRIATE REQUIREMENTS). VALIDATION ACTIVITIES (COLLECTION SOIL SAMPLES, INSPECTIONS, ETC. WILL BE UNDERTAKEN BY SPECIALIST CONSULTANTS. THE CONTRACTOR SHALL COOPERATE WITH AND FACILITATE ALL VALIDATION ACTIVITIES.
- DISPOSAL OFF SITE OR REUSE OF SOIL / ROCK ON THE PROJECT SITE MUST BE IN ACCORDANCE WITH THE PROCEDURES AND SET OUT IN THE RAP AND RWP.
- FOR ALL MATTERS NOTIFICATION OF THE PRINCIPLE MUST BE MADE IMMEDIATELY.

TRAFFIC CONTROL NOTES

- A TRAFFIC MANAGEMENT PLAN IS TO BE PREPARED IN ACCORDANCE WITH THE R.M.S. TRAFFIC CONTROL AT WORK SITES BY THE CONTRACTOR AND APPROVED BY THE PRINCIPLE AND RMS AT LEAST 5 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION TO SUIT PROGRAM REQUIREMENTS.
- THE CIVIL WORKS CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY REQUIRED R.O.I. FROM THE RELEVANT AUTHORITY INCLUDING RMS AND RMS TCS, CITY OF SYDNEY COUNCIL AND SHFA.

STORMWATER DRAINAGE NOTES

- STORMWATER DESIGN CRITERIA:
(A) AVERAGE RECURRENCE INTERVAL:
STORMWATER DRAINAGE
20 YEAR ARI MINOR STORM
100 YEAR ARI MAJOR STORM
(B) REFER TO HYDER'S BROADBAND PROJECT CATCHMENT FLOOD MODELLING OF DARLING HARBOUR (USING TUFLOW SOFTWARE) FOR DEFINITION OF OVERLAND FLOW REGIMES.
- PROPOSED PIPES 375mm ϕ AND LARGER TO BE REINFORCED CONCRETE MINIMUM CLASS '4' MARINE GRADE APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O. ALL PRECAST CONCRETE PIPES ARE TO COMPLY WITH AS4682/07. MINIMUM CONCRETE COVER TO STEEL REINFORCEMENT IS TO BE IN ACCORDANCE WITH TABLE 3.1 FOR MARINE ENVIRONMENTS. FIBRE REINFORCED CONCRETE PIPES ARE NOT TO BE USED.
- PIPES TO BE INSTALLED TO TYPE H53 SUPPORT IN ACCORDANCE WITH AS 3725 AND RMS R11 SPECIFICATION.
- ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS/NZS 3508.
- CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES, LEVELS AND GRADES SHOWN ARE NOT TO BE CHANGED WITHOUT PRIOR APPROVAL.
- GRATES AND COVERS SHALL CONFORM TO CITY OF SYDNEY COUNCIL AND R.M.S. REQUIREMENTS AND AS3996 9. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
- ALL EXISTING STORMWATER DRAINAGE LINES AND PITS TO REMAIN ARE TO BE IDENTIFIED AND CLEANED DURING THIS PROCESS. ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT AND LEAD LEASE FOR FURTHER DIRECTIONS.
- CCTV ALL PIPES AFTER CONSTRUCTION AND PRIOR TO PRACTICAL COMPLETION THIS INCLUDES ALL EXISTING PIPES THAT ARE TO BE RETAINED.
- PIPES ARE DESIGNED FOR OPERATIONAL TRAFFIC LOADS ONLY. APPROPRIATE CLOSURES SHOULD BE TAKEN TO PROTECT PIPES DURING CONSTRUCTION.
- CONFORM EXISTING PIT AND PIPE LEVELS AT ALL JUNCTIONS WITH PROPOSED STORMWATER PRIOR TO ANY UPSTREAM PIPEWORK INSTALLATIONS. SHOULD LEVELS VARY FROM THE DESIGN HYDER CONSULTING SHALL BE NOTIFIED IMMEDIATELY.
- ALL PITS DEEPER THAN 1.2m SHALL HAVE STEP IRONS PROVIDED IN ACCORDANCE WITH R.M.S. STANDARDS.
- REDUNDANT PIPES ARE TO BE REMOVED OR GROUT FILLED AS DIRECTED BY LEAD LEASE. ALL REDUNDANT PITS ARE TO BE REMOVED AND BACKFILLED.
- PRECAST CONCRETE PITS MAY BE USED BUT MUST BE IN ACCORDANCE WITH R.M.S. SPECIFICATION R11 CLAUSE 2.5.4.

ALL RELEVANT WORKS TO BE CARRIED OUT BY SYDNEY WATER ACCREDITED CONTRACTORS.**BULK EARTHWORKS NOTES**

- ORIGIN OF LEVELS: REFER SURVEY NOTES
 - STRIP ALL TOPSOIL/ORGANIC MATERIAL (50mm NOMINAL) FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCK PILE AS DIRECTED BY PRINCIPLE.
 - EXCAVATED MATERIAL MAY BE USED AS STRUCTURAL FILL PROVIDED THE PLACEMENT MOISTURE CONTENT OF THE MATERIAL IS $\pm$ 2% OF THE OPTIMUM MOISTURE CONTENT AND THE GEOTECHNICAL ENGINEER PROVIDES WRITTEN APPROVAL THAT THE MATERIAL IS SUITABLE.
 - CARPACT FILL AREAS AND SUBGRADE TO NOT LESS THAN:
- | LOCATION | MINIMUM STANDARD DRY DENSITY (AS 1289 5.1.1) |
|---|--|
| UNDER SLABS ON GROUND | 98% |
| UNDER ROADS, FOOTWAYS AND CAR PARKS | 98% |
| LANDSCAPED AREAS UNLESS NOTED OTHERWISE | 95% |
- BEFORE PLACING FILL, PROOF ROLL EXPOSED SUBGRADE WITH AN 8 TONNE (MIN) DEADWEIGHT SMOOTH ROLL NON-VIBRATORY ROLLER TO DETECT THEN REMOVE SOFT SPOTS (AREAS WITH MORE THAN 2mm MOVEMENT UNDER ROLLER). SOFT SPOTS ARE TO BE REPLACED WITH SUITABLE SELECT FILL FOR A DEPTH OF AT LEAST 0.5m OR AS ADVISED BY THE GEOTECHNICAL ENGINEER.
 - SELECT MATERIAL FOR BACKFILL SHALL BE GRANULAR MATERIAL WHICH IS NATURALLY OCCURRING, RECYCLED OR MANUFACTURED HAVING A PARTICLE SIZE DISTRIBUTION, DETERMINED IN ACCORDANCE WITH AS 1289 3.6.1. SELECT MATERIAL CAN BE CRUSHED ROCK, NATURAL SOIL, GRAVEL AND SAND, OR OTHER APPROVED GRANULAR MATERIAL CONSISTING OF CLEAN, SOUND, DURABLE FRAGMENTS, FREE FROM ORGANIC MATTER FROM AN APPROVED SOURCE. GRADING LIMITS FOR SELECT FILL SHALL BE IN ACCORDANCE WITH AS 3725 AS TABULATED IN CITY OF SYDNEY EARTHWORKS SPECIFICATION.
 - FREQUENCY OF COMPACTION TESTING SHALL BE NOT LESS THAN:
 - 1 TEST PER 200m² OF FILL PLACED PER 200 LAYER OF FILL.
 - 3 TESTS PER LAYER
 - 1 TEST PER 200m² OF EXPOSED SUBGRADE
 - TESTING SHALL BE "LEVEL 1" TESTING IN ACCORDANCE WITH AS 3798 (2007).
 - FILLING TO BE PLACED AND COMPACTED IN MAXIMUM 150mm LAYERS.
 - NO FILLING SHALL TAKE PLACE TO EXPOSED SUBGRADE UNTIL THE AREA HAS BEEN PROOF ROLLED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER AND APPROVAL GIVEN IN WRITING THAT FILLING CAN PROCEED.
 - WHERE GROUNDWATER DISCHARGE OCCURS IN BULK EXCAVATIONS OR CUT FACES, SUBSOIL DRAINAGE SHALL BE INSTALLED IN ACCORDANCE WITH THE PRINCIPLE / GEOTECH INSTRUCTIONS TO DIRECT DISCHARGE WATER TO THE NEAREST STORMWATER / SEDIMENTATION CONTROL DEVICE. THE SUBSOIL DRAINAGE MUST BE INSTALLED AS SOON AS PRACTICALLY POSSIBLE AFTER EXCAVATION. SUBSOIL DRAINAGE SHALL ALSO BE INSTALLED AT LOW POINTS IN THE FINISHED EARTHWORK PROFILE IN ACCORDANCE WITH THE SITE SUPERINTENDENT / GEOTECH'S INSTRUCTIONS.
 - ENSURE TEMPORARY DIVERSION CHANNELS ARE CONSTRUCTED AROUND STOCKPILED MATERIALS AND DISTURBED AREAS GENERALLY AS DETAILED.
 - THE CONTRACTOR SHALL ALLOW FOR AND COORDINATE ALL MONITORING AND MAINTENANCE REQUIREMENTS IN RELATION TO SOIL AND GROUNDWATER CONDITIONS DURING CONSTRUCTION.
 - ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS 3798 AND RMS SPECIFICATION R44.

EROSION AND SEDIMENT CONTROL NOTES**GENERAL INSTRUCTIONS**

- THE CIVIL WORKS CONTRACTOR WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED.
- ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH:
 - LOCAL AUTHORITY REQUIREMENTS
 - EPA REQUIREMENTS
 - NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
- MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE PRINCIPLE AND THE LOCAL AUTHORITY.
- THE WATER IN THE SEDIMENT BASIN(S) SHALL BE LOWERED PERIODICALLY TO MAINTAIN THE MINIMUM STORAGE VOLUME REQUIRED FOR FINE SOILS. AT ALL TIMES A WATER (ART)IS SHALL BE MAINTAINED ON SITE TO:
 - WATER THE AREAS OF HYDROMULCH
 - CONTROL DUST
 - WATERING OF MULCH, DUST OR VEGETATION MUST BE KEPT TO THE MINIMUM REQUIRED TO ACHIEVE SPECIFIED OUTCOMES. IN NO CASE SHALL AREAS BE OVER WATERED TO SATURATION OR TO THE POINT WHERE WATER PONDS ON THE SURFACE.
- STORMWATER IN THE SETTLING ZONE SHALL BE DRAINED OR PUMPED OUT WITHIN 7 DAYS (NO LATER THAN 14 DAYS AS SITE CONDITIONS ALLOW) FOLLOWING RAINFALL EVENT IF THE NOMINATED WATER QUALITY TARGETS CAN BE MET. THE LOWER LEVEL OF THE SETTLING ZONE SHALL BE IDENTIFIED WITH A PEG THAT SHOWS CLEARLY THE LEVEL WHICH DESIGN CAPACITY IS AVAILABLE.
- STORED SEDIMENT SHALL NOT ENCRUST INTO SETTLING ZONE. SEDIMENT REMOVED FROM SEDIMENT BASIN SHALL BE DISPOSED OF IN PLACES THAT WILL NOT RESULT IN A FUTURE EROSION OR POLLUTION HAZARD.
- WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT CONTROLS ARE ERECTED AROUND PITS.
- CIVIL WORKS CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

- WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
 - MAINTAIN EXISTING SECURITY / WIND FENCES INSTALLED AS PART OF THE ENABLING WORKS AND INSTALL NEW SECURITY / WIND FENCES AS SHOWN.
 - MAINTAIN EXISTING SEDIMENT FENCES INSTALLED AS PART OF THE ENABLING WORKS AND INSTALL NEW SEDIMENT FENCES AS SHOWN.
 - INSTALL SEDIMENT FILTERS AND COLLECTION POINTS AS SHOWN ON PLAN AND AS REQUIRED.
 - UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.
- DISTURBED AREAS TO BE GRASSED TO THE FOLLOWING STANDARDS:
 - EMBANKMENTS - HYDRO MULCHED
 - LOTS - SEED
 - VERGES - TURFED TO LANDSCAPE ARCHITECT'S SPECIFICATION

EROSION CONTROL

- DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

- STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- ANY SAND USED IN THE CONCRETE CURING PROCESS IS SPREAD OVER THE SURFACE WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED/STABILISED.

OTHER MATTERS

- ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LANDSCAPE ARCHITECT'S DETAILS.
- ALL AREAS OF PUBLIC THOROUGHFARE MUST BE KEPT CLEAN AND FREE OF WATER RUNOFF, SEDIMENT AND CONSTRUCTION MATERIALS AT ALL TIMES. THIS INCLUDES AREAS OUTSIDE OF THE SITE BOUNDARY.
- SITE SECURITY AND EROSION AND SEDIMENT CONTROL MEASURES MUST BE CHECKED AND DEEMED SAFE BY THE CIVIL WORKS CONTRACTOR PRIOR TO LEAVING THE SITE EACH DAY.

SUBSOIL DRAINAGE NOTES

- SUBSOIL DRAINAGE TO BE INSTALLED UNDER ALL KERBS IN ACCORDANCE WITH CITY OF SYDNEY COUNCIL SPECIFICATIONS AND R.M.S. SPECIFICATIONS WHERE APPLICABLE.
- CLEANOUT TO BE PROVIDED IN ACCORDANCE WITH CITY OF SYDNEY COUNCIL SPECIFICATIONS.

PROPOSED SERVICES NOTES

- THESE DRAWING ARE TO BE READ IN CONJUNCTION WITH - SERVICE AUTHORITY DRAWINGS AND SPECIFICATIONS
- THE CONTRACTOR SHALL ATTEND, MANAGE & SUPERVISE THE PROVISION OF PUBLIC UTILITY SERVICES TO THE WORKS GENERALLY AS INDICATED ON THE SERVICES PLANS, NOTING THAT PRIOR & DURING CONSTRUCTION THE PUBLIC UTILITY AUTHORITIES WILL FINALISE THEIR DOCUMENTATION TO CONSTRUCTION ISSUE STANDARD. THE FOLLOWING GENERAL ARRANGEMENTS SHALL APPLY IN RESPECT OF EACH PUBLIC UTILITY SERVICE. CONDUIT ROAD CROSSING
THE CIVIL CONTRACTOR SHALL ALLOW IN THEIR PRICE FOR CONDUIT CROSSINGS UNDER THE PROPOSED ROADS AS SHOWN ON THE "SERVICES PLAN"
- THE CIVIL CONTRACTOR (TRENCH PROVIDER) IS TO ARRANGE ON SITE MEETING WITH ALL SERVICE AUTHORITIES PRIOR TO THE INSTALLATION OF CONDUITS.
- THE CIVIL CONTRACTOR TO CO-ORDINATE INSTALLATION OF ELECTRICITY, GAS AND TELECOMMUNICATION SERVICES.
- ELECTRICITY, GAS AND TELECOMMUNICATION SERVICES ARE TO BE LAID FOLLOWING THE INSTALLATION OF STORMWATER, SEWER AND WATER SERVICES AND KERB AND GUTTER.
- ALL UTILITY AUTHORITY REPRESENTATIVES TO INSPECT ROAD CROSSINGS PRIOR TO SEALING.
- ALL ELECTRICAL ROAD CROSSINGS TO BE CLASS 6 (ORANGE) UPVC CONDUITS.
- ALL GAS ROAD CROSSINGS TO BE UPVC GRAY SEWER GRADE CONDUITS.
- ALL STREET POLES TO BE POSITIONED 350mm FROM BOUNDARY TO CENTERLINE OF POLE. CONTRACTOR TO ALLOW TO EXCAVATE AND BACKFILL TRENCH GENERALLY IN ACCORDANCE WITH NOTE 2.
- WHERE FOOTPATHS ARE TO BE CONSTRUCTED, ALL SERVICE PIT COVERS AND MARKERS ARE TO BE LAID WHOLLY WITHIN THE CONCRETE FOOTPATH. CONTACT SUPERINTENDENT SHOULD DIFFICULTIES ARISE.
- ELECTRICITY CONDUITS ARE SHOWN FOR CLARITY HOWEVER, CABLES MAY BE DIRECTLY BURIED. APPROVAL BY ENERGY AUSTRALIA REQUIRED.
- SERVICES MARKERS ARE TO BE PLACED ON THE KERB & GUTTER AT ALL ROAD CROSSING POINTS, ON BOTH SIDES OF THE ROAD.
- ALL SERVICE PIT COVERS TO BE INSTALLED FLUSH WITH PROPOSED VERGE LEVELS AND GRADES.
- ALL PIT LIDS (OTHER THAN GRATES ARE TO FACILITATE PAVEMENT INFILL (I.E. RECESSED) PAVEMENT DEPTH TO LANDSCAPE ARCHITECT'S DETAILS.
- ALIGNMENT OF PIT LIDS TO BE PERPENDICULAR OR PARALLEL TO THE PUBLIC REALM PROPOSED PAVEMENT LAYOUT WHERE POSSIBLE.
- ALL PIT LEVELS TO BE COORDINATED WITH AND CONSISTENT WITH THE FINAL PUBLIC REALM LEVELS.
- AN ACCOMPANYING NAVISWORKS 3D MODEL HAS BEEN PRODUCED BY HYDER AND SHOULD BE READ IN CONJUNCTION WITH THIS DRAWING.

TEMPORARY WORKS

- SITE EARTH MOVEMENT.
THE CONTRACTOR WITH HIS SUB-CONTRACTOR SHALL SATISFY THEMSELVES THAT ADJOINING BUILDINGS AND AREAS OUTSIDE THE SITE BOUNDARY ARE ADEQUATELY PROTECTED AND PREVENTED FROM MOVING BOTH VERTICALLY AND HORIZONTALLY AND THE SUB-CONTRACTOR IN THEIR TENDER SHALL ALLOW FOR ANY EXTRA MATERIAL OR WORK DEEMED NECESSARY TO ACHIEVE THIS
- SERVICES
THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS AND ENSURE THAT ALL SERVICES ARE NOT DAMAGED OR ADVERSELY EFFECTED BY THE TEMPORARY WORKS. ANY DAMAGE SHALL BE MADE GOOD AT THE CONTRACTOR'S COST.
- MOVEMENT PREVENTION
THE SUB-CONTRACTOR IS TO SUPPLY ALL TEMPORARY PROPPING, SHORING ETC. NECESSARY TO SAFELY SUPPORT THE SIDES AND FACES OF ANY EXCAVATION SO AS TO PREVENT GROUND MOVEMENT.
- DILAPIDATION SURVEY OF THE ADJACENT AREAS IS TO BE CARRIED OUT PRIOR TO COMMENCEMENT OF EXCAVATION.

DESIGN DATA

- THIS DESIGN WAS BASED ON THE FOLLOWING CODES AND ORDINANCES

COMPONENT	TO COMPLY WITH AUSTRALIAN STANDARD	YEAR
CONCRETE ELEMENT	AS 3600	2009
STEEL	AS 4100	1998
RETAINING STRUCTURES	AS 4678	2002

- THE CULVERT UNIT AND TEMPORARY RETAINING STRUCTURES HAVE BEEN DESIGNED FOR THE LOAD AS LISTED BELOW

DESIGN LOAD	COMMENTS
GROUND WATER	R.L. 14m
CONSTRUCTION TRAFFIC	20 kPa

- THE CONCRETE ELEMENTS HAVE BEEN DESIGNED FOR THE FOLLOWING EXPOSURE CLASSIFICATION IN ACCORDANCE WITH AS3600 TABLE 4.3

ELEMENT	CLASSIFICATION
BELOW GROUND	C2

- THE CONCRETE STRUCTURE HAS BEEN DESIGNED TO COMPLY WITH A STRONG DEGREE OF CONTROL OVER CRACKING IN ACCORDANCE WITH CL 9.4.3 OF AS3600

EXISTING SERVICES NOTES

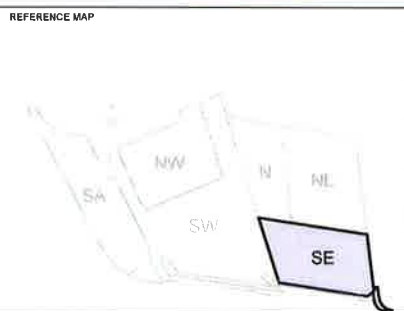
- THE EXISTING STORMWATER SHOWN ON THESE DRAWINGS HAS BEEN PLOTTED FROM INFORMATION SUPPLIED FROM CITY OF SYDNEY COUNCIL AND SYDNEY WATER REPORT "CITY AREA SWC 30 CAPACITY ASSESSMENT - JULY 1996". THE EXISTING STORMWATER INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN STORMWATER AND MAY NOT BE AS CONSTRUCTED OR ACCURATE. HYDER CONSULTING CAN NOT GUARANTEE THAT THE STORMWATER INFORMATION SHOWN ON THESE DRAWINGS 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 DBYD SERVICES SHOWN ON THESE DRAWINGS HAVE 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 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.
- THE CONTRACTOR IS TO ALSO REFER TO ROBERT BIRD GROUP SERVICES SURVEY, DRAWING NO. 14067C POSI-0010 AND THE ROBERT BIRD GROUP 3D SERVICES MODEL FOR FURTHER INFORMATION.
- THE CONTRACTOR IS TO UNDERTAKE A REVIEW OF ALL EXISTING PITS PRIOR TO CONSTRUCTION, TO IDENTIFY ALL EXISTING PITS THAT MAY REQUIRE ADJUSTMENT, WHICH ARE NOT PICKED UP ON THE CURRENT SURVEY.
- THE CONTRACTOR IS TO REVIEW ALL EXISTING PIT ADJUSTMENTS WITH HYDER CONSULTING PRIOR TO CONSTRUCTION.
- REFER TO HYDER SYDNEY WATER DRAWINGS FOR FURTHER DETAILS OF SEWER, WATER AND STORM DRAINAGE WORKS.
- REFER TO WEBB DESIGN DRAWINGS FOR FURTHER DETAILS OF ELECTRICAL HV, LV AND LIGHTING WORKS.
- REFER TO HYDER TELECOMMUNICATION DRAWINGS FOR FURTHER DETAILS OF COMMUNICATIONS WORKS.
- REFER TO TTPA DRAWINGS FOR FURTHER DETAILS OF TRAFFIC SIGNAL WORKS.
- REFER TO JEMENA GAS DRAWINGS FOR FURTHER DETAILS OF GAS WORKS.
- CONTRACTOR SHALL LOCATE ALL OF THE EXISTING CONNECTIONS AFFECTED BY THE PROPOSED WORKS AND RECONNECT PRIOR TO DISCONNECTION OF EXISTING SUPPLY.
- CONTRACTORS AND SUBCONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY.
- CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.
- CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH (POTHOLING), PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.
- CONTRACTORS ARE TO ALLOW TO PROTECT EXISTING SERVICES TO REMAIN INCLUDING TEMPORARY SUPPORT OR DIVERSION THROUGH THE WORKS AREA IF REQUIRED.
- REFER TO HYDER PUBLIC REALM DRAWINGS FOR FURTHER DETAILS OF LIGHTING, POWER, CCTV & COMMUNICATIONS, PUBLIC ADDRESS & AV SERVICES AND INFRASTRUCTURE.

SERVICES - DUTY OF CARE NOTE

- SERVICE COMPANIES PLANS SHOW ONLY THE PRESENCE OF CULVERTS, CABLES AND PLANT. THEY ONLY SHOW THEIR POSITION RELATIVE TO ROAD BOUNDARIES, PROPERTY FENCES ETC. AT THE TIME OF INSTALLATION AND THE SERVICE COMPANY DOES NOT WARRANT OR HOLD OUT THAT SUCH PLANS ARE ACCURATE THEREAFTER DUE TO CHANGES THAT MAY OCCUR OVER TIME. DO NOT ASSUME DEPTH OR ALIGNMENT OF CABLES OR PLANT AS THESE VARY SIGNIFICANTLY.
- THE CONTRACTOR HAS A DUTY OF CARE WHEN EXCAVATING NEAR CULVERTS, CABLES AND PLANT. BEFORE USING MACHINE EXCAVATORS CULVERTS, CABLES AND PLANT MUST FIRST BE PHYSICALLY EXPOSED BY SOFT DIG POTHOLING TO IDENTIFY ITS LOCATION. THE SERVICE COMPANY WILL SEEK COMPENSATION FOR DAMAGES CAUSED TO ITS PROPERTY AND LOSSES CAUSED TO IT AND ITS CUSTOMERS.

HERITAGE NOTES

- THE PROJECT SITE CONTAINS SUB-SURFACE REMNANTS OF HISTORICAL (ABORIGINAL & EUROPEAN) INTEREST. SITE INVESTIGATIONS HAVE DETERMINED THE LOCATION OF KEY ITEMS TO BE RETAINED AND PROTECTED IN SITU. THERE IS A HIGH PROBABILITY OF DISCOVERING ITEMS OF HISTORICAL INTEREST DURING ALL SUBSURFACE CONSTRUCTION WORKS.
- THE CONTRACTOR SHALL INCORPORATE INTO WORK METHOD STATEMENTS ALL ARCHAEOLOGICAL MANAGEMENT MEASURES DOCUMENTED IN THE PROJECT ARCHAEOLOGICAL MANAGEMENT PLAN.
- THE CONTRACT SHALL IMPLEMENT AND COMPLY WITH THE ARCHAEOLOGICAL "UNEXPECTED FINDS MANAGEMENT PROTOCOL" FOR ALL WORKS CARRIED OUT ONSITE. ALL CONTRACTOR STAFF MUST BE INDUCTED INTO THE ARCHAEOLOGICAL "UNEXPECTED FINDS MANAGEMENT PROTOCOL".

DARLING HARBOUR LIVE**NOTES:**

- DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
- ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
- THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

NO	DESCRIPTION	DATE
06	ARCHITECTURAL BASE UPDATED	16/10/2015
05	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
04	ISSUE FOR CONSTRUCTION	07/04/2015
03	EXISTING SERVICES NOTES AMENDED	17/06/2014
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014
REV	DESCRIPTION	DATE

CLIENT

LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS

ARCHITECT
franc-jens morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

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

SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

**DRAWING TITLE**

GENERAL NOTES
SHEET 1

STATUS

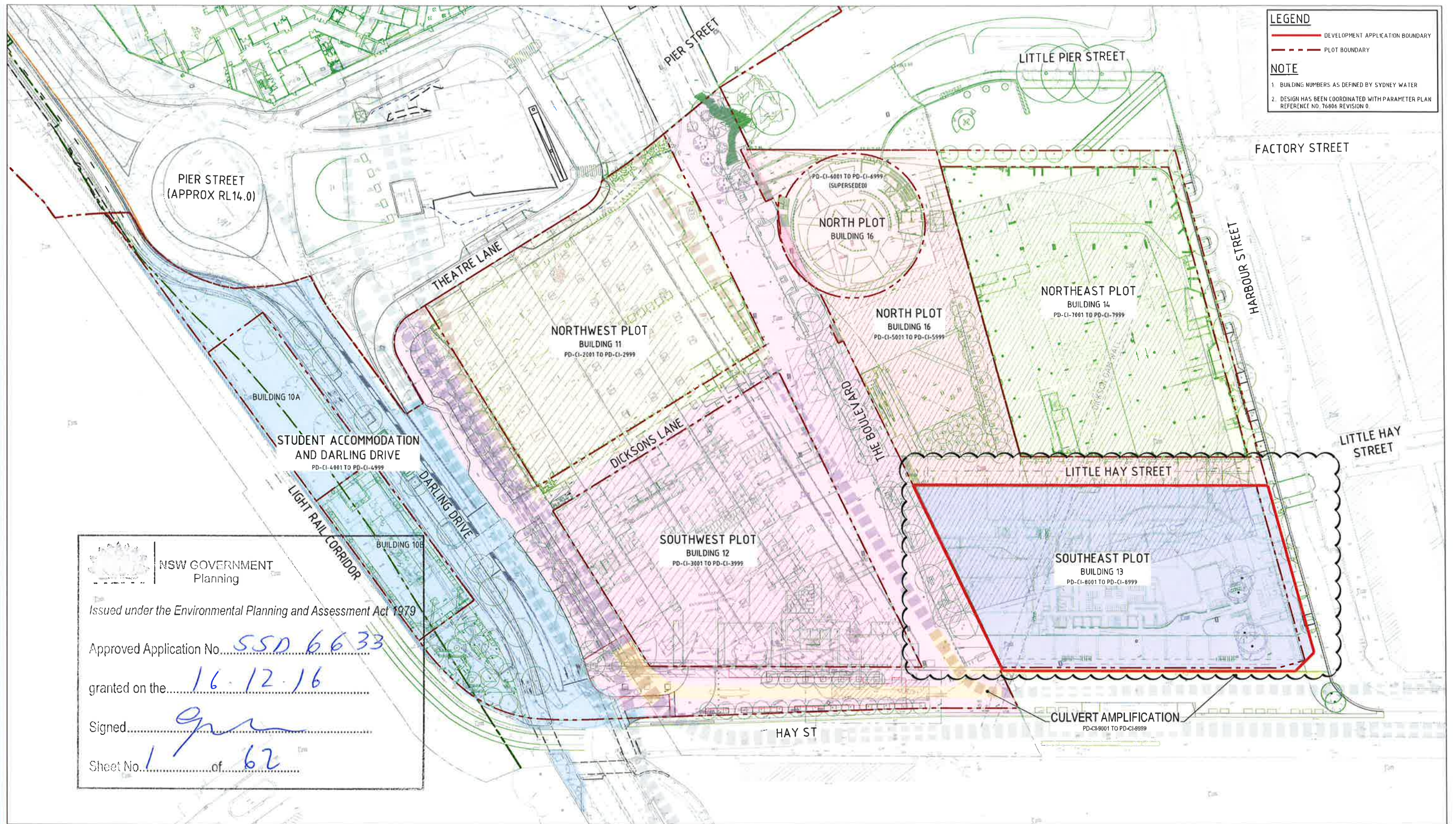
DEVELOPMENT APPLICATION

SCALE @ A1

N.T.S.

PROJECT NUMBER

AA004399



DARLING HARBOUR LIVE

REFERENCE MAP

A reference map of the Darling Harbour area in Sydney. It shows the coastline, major roads, and surrounding areas. A north arrow is located in the top right corner. A scale bar at the bottom indicates distances from 0 to 50 meters. The map is labeled with 'NW', 'N', 'NE', 'SW', and 'SE' to indicate directions. A small inset map shows the location of the development within the larger context of the harbour.

NOTES:

- DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
- ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
- THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

A scale bar showing distances from 0 to 50 meters. The bar is divided into segments of 10 meters each, with labels at 0, 10, 20, 30, 40, and 50m.

1 : 500

REV	DESCRIPTION	DATE
08	ARCHITECTURAL BASE UPDATED	16/10/2015
07	AMMENDMENTS IN RESPONSE TO CLIENTS COMMENTS	23/09/2015
06	ARCHITECTURAL BASE UPDATED, RE-ISSUE FOR DEVELOPMENT APPLICATION	15/06/2015
05	RE-ISSUE FOR DEVELOPMENT APPLICATION	09/06/2015
04	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
03	ISSUE FOR CONSTRUCTION	07/04/2015
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT

The logo for lendlease, featuring the word 'lendlease' in a stylized, lowercase font with a small graphic element above the 'e'.

LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS

The logo for fjmt, featuring the letters 'fjmt' in a bold, lowercase font with a small graphic element above the 'j'.

frank-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES

The logo for Hyder Consulting Pty Ltd, featuring the word 'Hyder' in a stylized, lowercase font with a small graphic element above the 'y'.

HYDER CONSULTING PTY LTD
ABN 76 104 465 289
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

SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

DRAWING TITLE

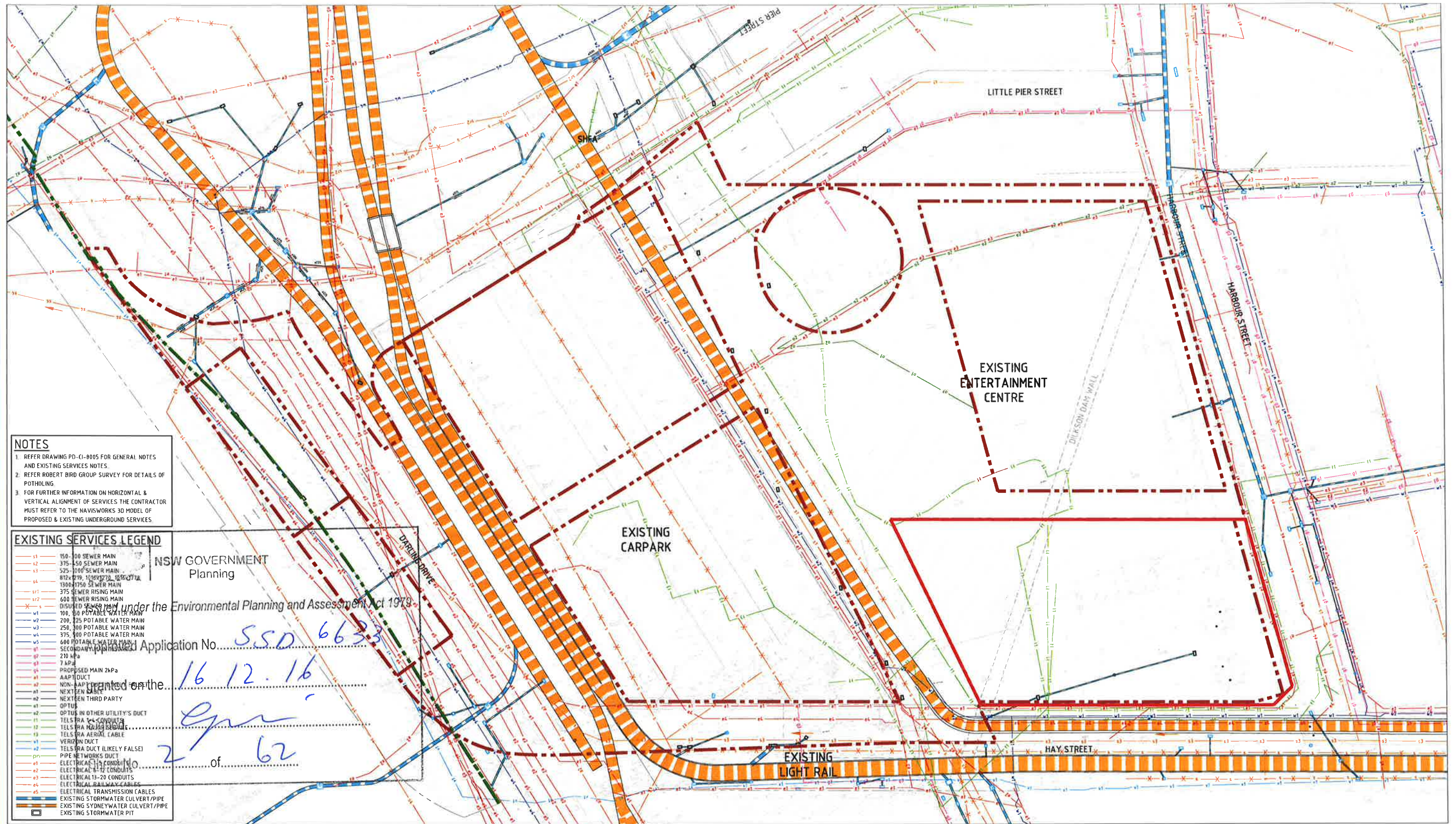
GENERAL ARRANGEMENT
PLAN

STATUS

DESIGN DEVELOPMENT

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 500	JW	-	MBK	MAK

PROJECT NUMBER	DRAWING NUMBER	REV
AA004399	PD-CI-8011	08



NOTES

1. REFER DRAWING PD-CI-8005 FOR GENERAL NOTES AND EXISTING SERVICES NOTES
2. REFER ROBERT BIRD GROUP SURVEY FOR DETAILS OF POTHOLES
3. FOR FURTHER INFORMATION ON HORIZONTAL & VERTICAL ALIGNMENT OF SERVICES THE CONTRACTOR MUST REFER TO THE NAVISWORKS 3D MODEL OF PROPOSED & EXISTING UNDERGROUND SERVICES

EXISTING SERVICES LEGEND

- 150-300 SEWER MAIN
- 375-450 SEWER MAIN
- 525-1000 SEWER MAIN
- 812x1219, 1219x1372, 1372x1778
- 1300x1750 SEWER MAIN
- 375 SEWER RISING MAIN
- 600 SEWER RISING MAIN
- DISUSED SEWER MAIN
- 100-300 POTABLE WATER MAIN
- 200-225 POTABLE WATER MAIN
- 250-300 POTABLE WATER MAIN
- 375-400 POTABLE WATER MAIN
- 600 POTABLE WATER MAIN
- SECONDARY POTABLE MAIN
- 210 kPa
- 7 kPa
- PROPOSED MAIN 2kPa
- AAP DUCT
- NON-AAP DUCT
- NEXT TEN YEARS
- NEXT TEN THIRD PARTY
- OPTUS
- OPTUS IN OTHER UTILITY'S DUCT
- TELS RA 1-4 CONDUITS
- TELS RA 5-12 CONDUITS
- TELS RA AERIAL CABLE
- VERION DUCT
- TELS RA DUCT (LIKELY FALSE)
- PIPE NETWORKS DUCT
- ELECTRICAL 1-12 CONDUITS
- ELECTRICAL 13-20 CONDUITS
- ELECTRICAL 21-24 CONDUITS
- ELECTRICAL 25-28 CONDUITS
- ELECTRICAL TRANSMISSION CABLES
- EXISTING STORMWATER CULVERT/PIPE
- EXISTING SYDNEYWATER CULVERT/PIPE
- EXISTING STORMWATER PIT

NSW GOVERNMENT
Planning

Environmental Planning and Assessment Act 1979

Application No. 550 6633

granted on the 16.12.16

2 of 62

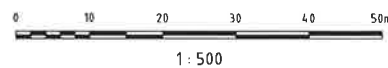
DARLING HARBOUR LIVE

REFERENCE MAP



NOTES:

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA ALL LEVELS TO AHD.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.



REV	DESCRIPTION	DATE
06	ARCHITECTURAL BASE UPDATED	16/10/2015
05	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
04	ISSUE FOR CONSTRUCTION	07/04/2015
03	NOTES ADDED	17/06/2014
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT



LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS



ARCHITECT
frank-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

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
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

DRAWING TITLE

SURVEY AND EXISTING
SERVICES PLAN
(DBYD)

STATUS

DEVELOPMENT APPLICATION

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 500	JW	-	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8021	06		

REFERENCE MAP

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA ALL LEVELS TO HAND.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.



04	ARCHITECTURAL BASE UPDATED	16/10/2015
03	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
02	ISSUE FOR CONSTRUCTION	07/04/2015
01	DRAWING ADDED. ISSUE FOR TENDER	17/05/2014
REV	DESCRIPTION	DATE



LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

ARCHITECT
francis-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

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

SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

SURVEY AND EXISTING
SERVICES PLAN
(ROBERT BIRD GROUP)

DEVELOPMENT APPLICATION

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 500	JW	-	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER			REV
AA004399	PD-CI-8022			04

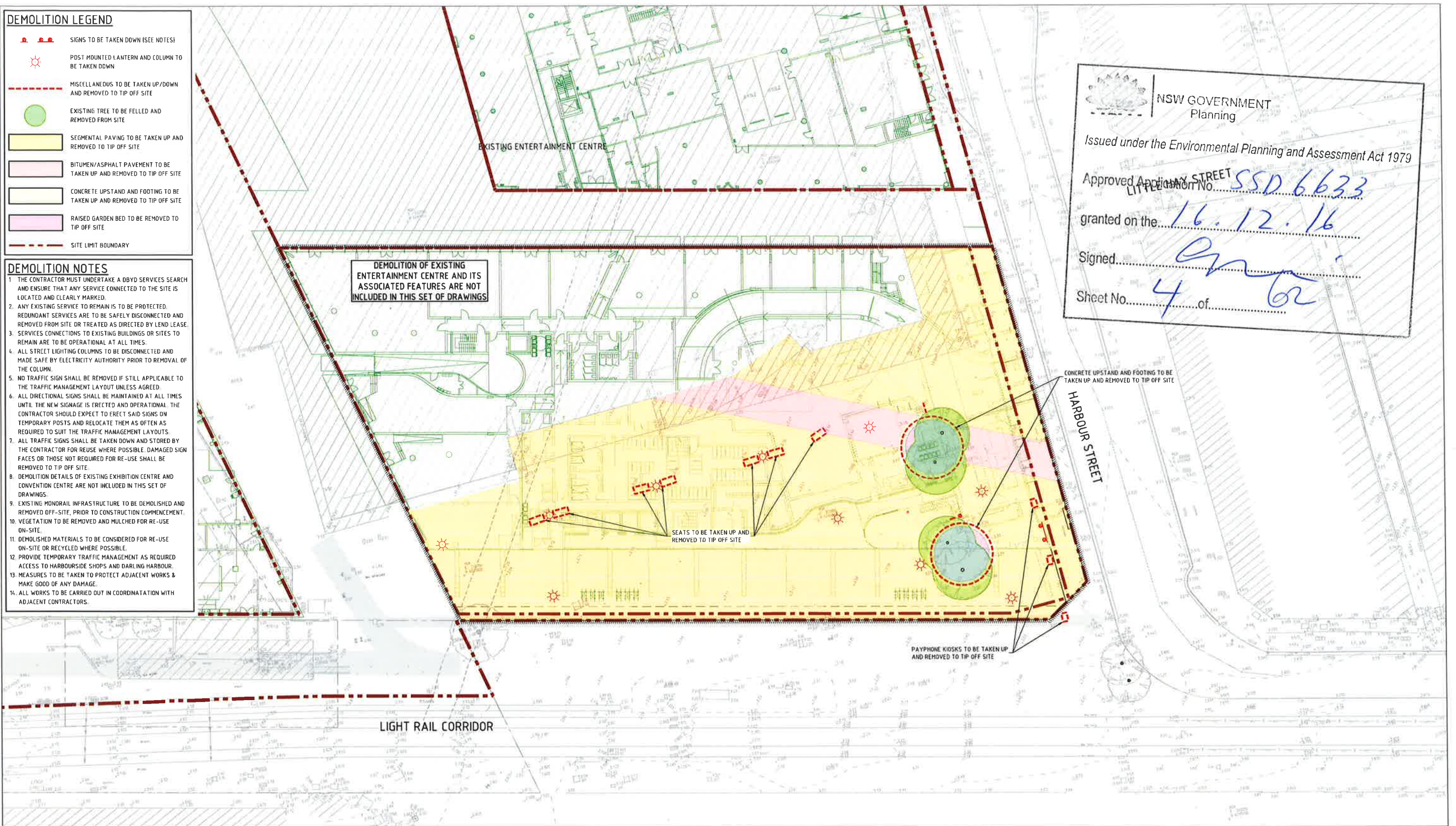
DEMOLITION LEGEND

- SIGNS TO BE TAKEN DOWN (SEE NOTES)
 POST MOUNTED LANTERN AND COLUMN TO BE TAKEN DOWN
 MISCELLANEOUS TO BE TAKEN UP/DOWN AND REMOVED TO TIP OFF SITE
 EXISTING TREE TO BE FELLED AND REMOVED FROM SITE
 SEGMENTAL PAVING TO BE TAKEN UP AND REMOVED TO TIP OFF SITE
 BITUMEN/ASPHALT PAVEMENT TO BE TAKEN UP AND REMOVED TO TIP OFF SITE
 CONCRETE UPSTAND AND FOOTING TO BE TAKEN UP AND REMOVED TO TIP OFF SITE
 RAISED GARDEN BED TO BE REMOVED TO TIP OFF SITE
 SITE LIMIT BOUNDARY

DEMOLITION NOTES

- THE CONTRACTOR MUST UNDERTAKE A DBYD SERVICES SEARCH AND ENSURE THAT ANY SERVICE CONNECTED TO THE SITE IS LOCATED AND CLEARLY MARKED.
- ANY EXISTING SERVICE TO REMAIN IS TO BE PROTECTED. REDUNDANT SERVICES ARE TO BE SAFELY DISCONNECTED AND REMOVED FROM SITE OR TREATED AS DIRECTED BY LEAD LEASE.
- SERVICES CONNECTIONS TO EXISTING BUILDINGS OR SITES TO REMAIN ARE TO BE OPERATIONAL AT ALL TIMES.
- ALL STREET LIGHTING COLUMNS TO BE DISCONNECTED AND MADE SAFE BY ELECTRICITY AUTHORITY PRIOR TO REMOVAL OF THE COLUMN.
- NO TRAFFIC SIGN SHALL BE REMOVED IF STILL APPLICABLE TO THE TRAFFIC MANAGEMENT LAYOUT UNLESS AGREED.
- ALL DIRECTIONAL SIGNS SHALL BE MAINTAINED AT ALL TIMES UNTIL THE NEW SIGNAGE IS ERECTED AND OPERATIONAL. THE CONTRACTOR SHOULD EXPECT TO ERECT SAID SIGNS ON TEMPORARY POSTS AND RELOCATE THEM AS OFTEN AS REQUIRED TO SUIT THE TRAFFIC MANAGEMENT LAYOUTS.
- ALL TRAFFIC SIGNS SHALL BE TAKEN DOWN AND STORED BY THE CONTRACTOR FOR REUSE WHERE POSSIBLE. DAMAGED SIGN FACES OR THOSE NOT REQUIRED FOR RE-USE SHALL BE REMOVED TO TIP OFF SITE.
- DEMOLITION DETAILS OF EXISTING EXHIBITION CENTRE AND CONVENTION CENTRE ARE NOT INCLUDED IN THIS SET OF DRAWINGS.
- EXISTING MONORAIL INFRASTRUCTURE TO BE DEMOLISHED AND REMOVED OFF-SITE, PRIOR TO CONSTRUCTION COMMENCEMENT.
- VEGETATION TO BE REMOVED AND MULCHED FOR RE-USE ON-SITE.
- DEMOLISHED MATERIALS TO BE CONSIDERED FOR RE-USE ON-SITE OR RECYCLED WHERE POSSIBLE.
- PROVIDE TEMPORARY TRAFFIC MANAGEMENT AS REQUIRED ACCESS TO HARBOURSIDE SHOPS AND DARLING HARBOUR.
- MEASURES TO BE TAKEN TO PROTECT ADJACENT WORKS & MAKE GOOD OF ANY DAMAGE.
- ALL WORKS TO BE CARRIED OUT IN COORDINATION WITH ADJACENT CONTRACTORS.

DEMOLITION OF EXISTING ENTERTAINMENT CENTRE AND ITS ASSOCIATED FEATURES ARE NOT INCLUDED IN THIS SET OF DRAWINGS



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. **SSD 6633**

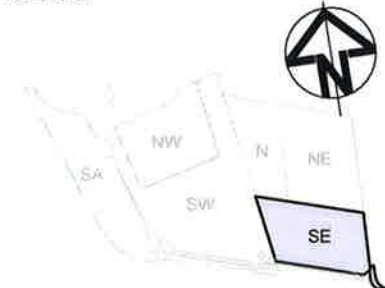
granted on the **16.12.16**

Signed **[Signature]**

Sheet No. **4** of **6**

DARLING HARBOUR LIVE

REFERENCE MAP



NOTES:

- DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL COORDINATES TO MDA ALL LEVELS TO AHD.
- ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
- THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

0 5 10 15 20 25m

1 : 250

REV	DESCRIPTION	DATE
07	ARCHITECTURAL BASE UPDATED	15/10/2015
06	ARCHITECTURAL BASE UPDATED, RE-ISSUE FOR DEVELOPMENT APPLICATION	15/06/2015
05	RE-ISSUE FOR DEVELOPMENT APPLICATION	09/06/2015
04	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
03	ISSUE FOR CONSTRUCTION	07/04/2015
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT

LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS

fjmt
ARCHITECT
francis-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES

HYDER CONSULTING PTY LTD
ABN 76 104 405 289
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

SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

DRAWING TITLE

DEMOLITION AND SITE
CLEARANCE PLAN

STATUS

DEVELOPMENT APPLICATION

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 250	JW	-	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8101	107		



DARLING HARBOUR LIVE

REFERENCE MAP

SE

NOTES:

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.

2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.

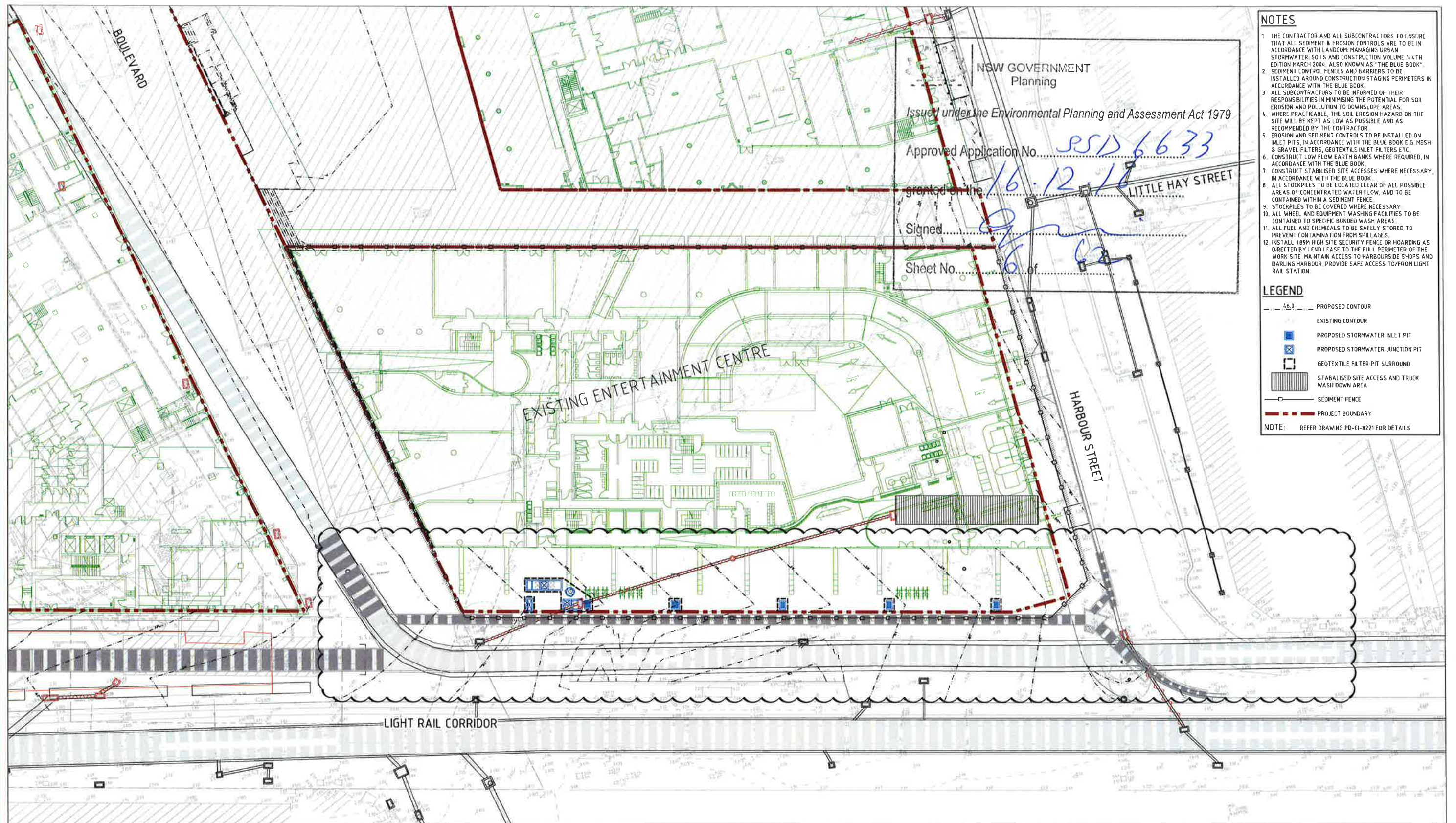
3. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.

4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.

5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.

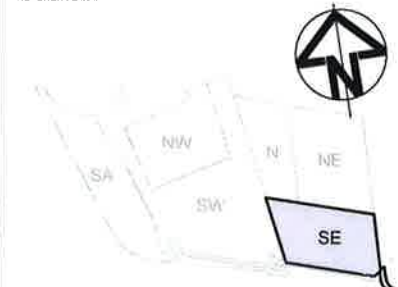
6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

		</



DARLING HARBOUR LIVE

REFERENCE MAP



NOTES:

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

0 5 10 15 20 25m

1 : 250

REV	DESCRIPTION	DATE
08	ARCHITECTURAL BASE UPDATED	16/10/2015
07	AMENDMENTS IN RESPONSE TO CLIENTS COMMENTS	23/09/2015
06	ARCHITECTURAL BASE UPDATED, RE-ISSUE FOR DEVELOPMENT APPLICATION	15/06/2015
05	RE-ISSUE FOR DEVELOPMENT APPLICATION	09/06/2015
04	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
03	ISSUE FOR CONSTRUCTION	07/04/2015
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT

LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS

fjmt
francis-jones morehen-thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES

HYDER CONSULTING PTY LTD
ABN 76 104 485 288
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
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

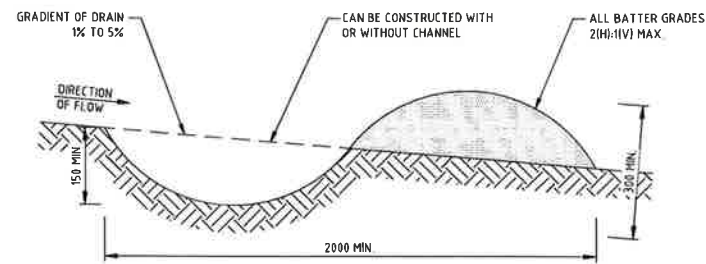
DRAWING TITLE

SEDIMENT AND EROSION
CONTROL PLAN

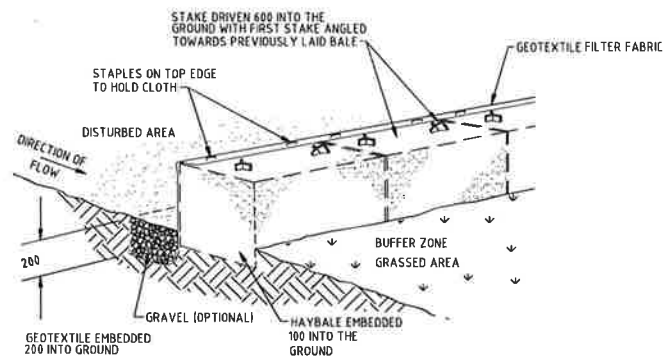
STATUS

DESIGN DEVELOPMENT

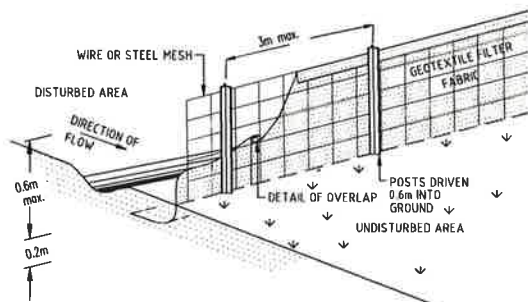
SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1 : 250	JW	JJJ	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8201	08		



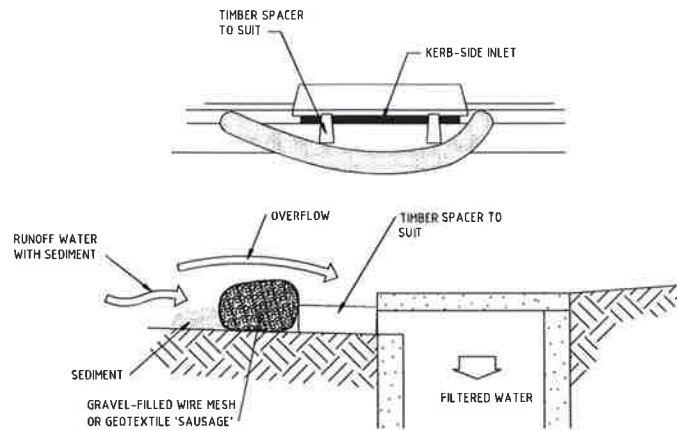
EARTH BUND (SD5-5)
NTS



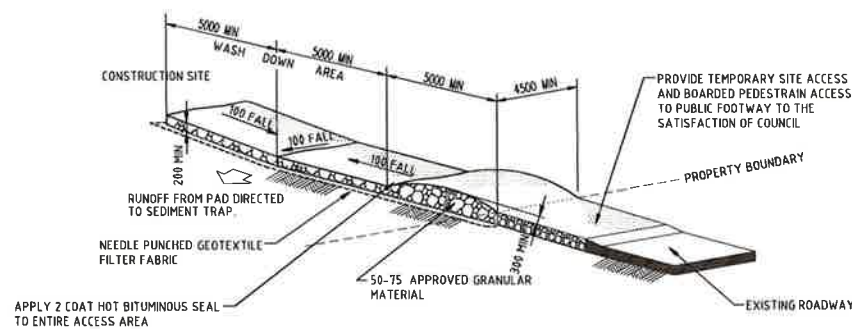
HAY BALE AND GEOTEXTILE SEDIMENT FILTER (SD6-7)
NTS



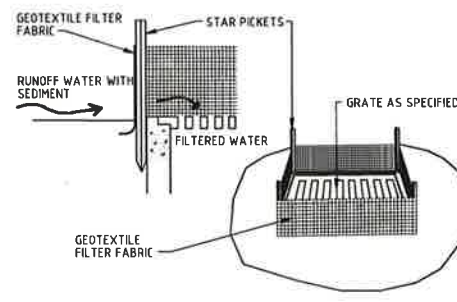
SEDIMENT FENCE (SD6-8)
NTS



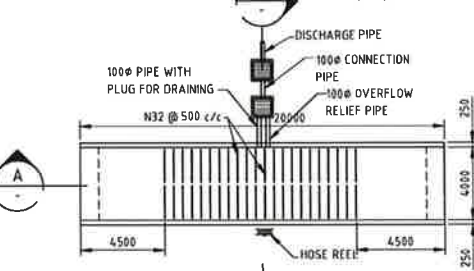
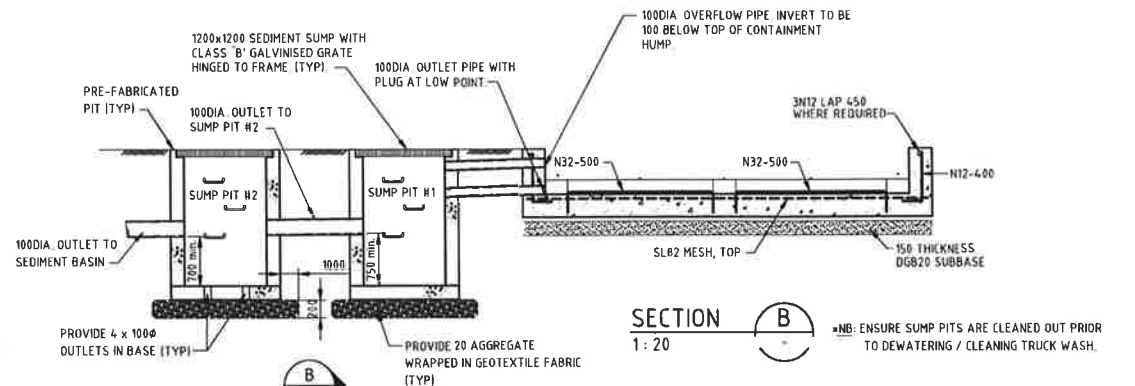
MESH AND GRAVEL INLET FILTER (SD 6-11)
NTS



STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA (SD6-14)
NTS



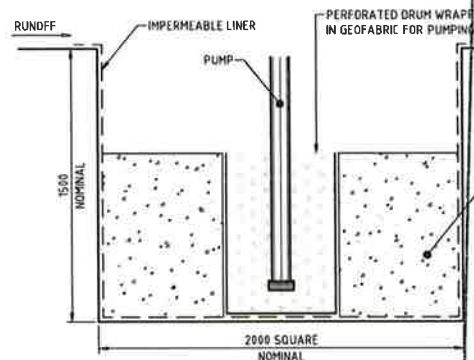
GEOTEXTILE FILTER PIT SURROUND (SD6-12)
NTS



TRUCK WASH - PLAN
1:100

SECTION A
1:100

ALTERNATE CONCRETE TRUCK WASH DOWN DETAIL



INDICATIVE SEDIMENT COLLECTION POINT
1:20

NSW GOVERNMENT Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. **SSD 6633**

granted on the **16.12.16**

Signed **[Signature]**

Sheet No. **7** of **62**

NOTE:
1. INDICATES STANDARD DRAWINGS.
2. REFER MANAGING URBAN STORMWATER, SOIL AND CONSTRUCTION 4th EDITION MARCH 2004.

DARLING HARBOUR LIVE

REFERENCE MAP

NOTES:

- DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL COORDINATES TO MGA ALL LEVELS TO AHD.
- ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
- THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

SCALE

1:20

1:100

REV	DESCRIPTION	DATE
05	ARCHITECTURAL BASE UPDATED	16/10/2015
04	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
03	ISSUE FOR CONSTRUCTION	07/04/2015
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT

LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD.
MILLERS POINT, NSW 2000

CONSULTANTS

fjmt ARCHITECT
frank-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES

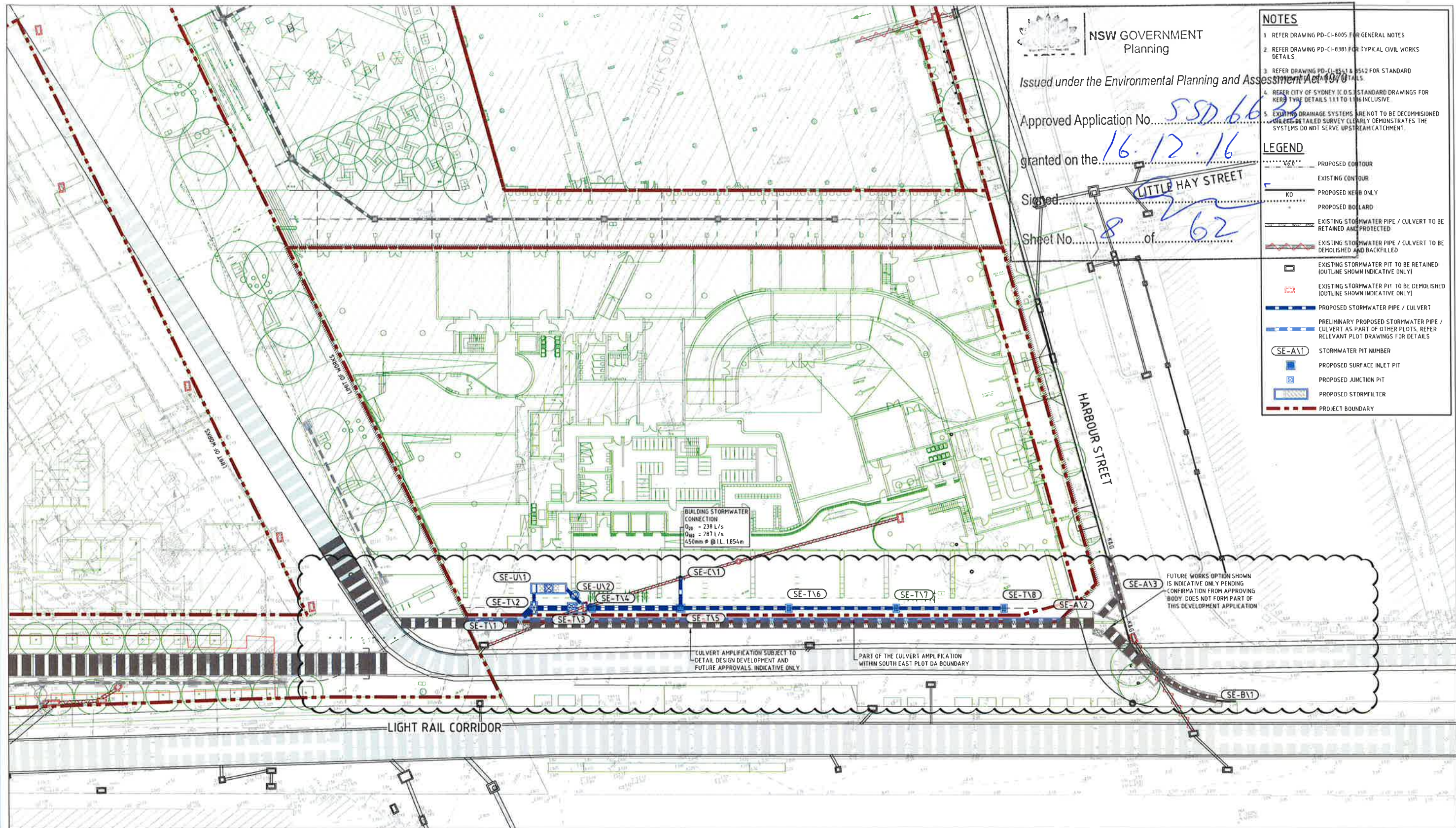
HYDER CONSULTING PTY LTD
ABN 76 104 495 289
LEVEL 5, 141 WALKER ST.
NORTH SYDNEY NSW 2060
AUSTRALIA

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

PROJECT

**SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT**

DRAWING TITLE				
SEDIMENT AND EROSION CONTROL DETAILS				
STATUS				
DEVELOPMENT APPLICATION				
SCALE	DRAWN	DESIGNED	REVIEWED	APPROVED
AS SHOWN	JW	-	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8221	05		

NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. 550/66/23

granted on the 16.12.16

Signed [Signature]

Sheet No. 8 of 62

NOTES

1. REFER DRAWING PD-CI-8005 FOR GENERAL NOTES
2. REFER DRAWING PD-CI-8381 FOR TYPICAL CIVIL WORKS DETAILS
3. REFER DRAWING PD-CI-8511 & 8542 FOR STANDARD DETAILS
4. REFER CITY OF SYDNEY IC 05-2 STANDARD DRAWINGS FOR KERB TYPE DETAILS 111 TO 116 INCLUSIVE
5. EXISTING DRAINAGE SYSTEMS ARE NOT TO BE DECOMMISSIONED UNLESS DETAILED SURVEY CLEARLY DEMONSTRATES THE SYSTEMS DO NOT SERVE UPSTREAM CATCHMENT

LEGEND

- PROPOSED CONTOUR
- EXISTING CONTOUR
- PROPOSED KERB ONLY
- PROPOSED BOLLARD
- EXISTING STORMWATER PIPE / CULVERT TO BE RETAINED AND PROTECTED
- EXISTING STORMWATER PIPE / CULVERT TO BE DEMOLISHED AND BACKFILLED
- EXISTING STORMWATER PIT TO BE RETAINED (OUTLINE SHOWN INDICATIVE ONLY)
- EXISTING STORMWATER PIT TO BE DEMOLISHED (OUTLINE SHOWN INDICATIVE ONLY)
- PROPOSED STORMWATER PIPE / CULVERT
- PRELIMINARY PROPOSED STORMWATER PIPE / CULVERT AS PART OF OTHER PLOTS. REFER RELEVANT PLOT DRAWINGS FOR DETAILS
- STORMWATER PIT NUMBER
- PROPOSED SURFACE INLET PIT
- PROPOSED JUNCTION PIT
- PROPOSED STORMFILTER
- PROJECT BOUNDARY

BUILDING STORMWATER CONNECTION
 $Q_{up} = 238 \text{ L/s}$
 $Q_{down} = 787 \text{ L/s}$
 $\phi 500\text{mm} \times \text{IL } 1854\text{m}$

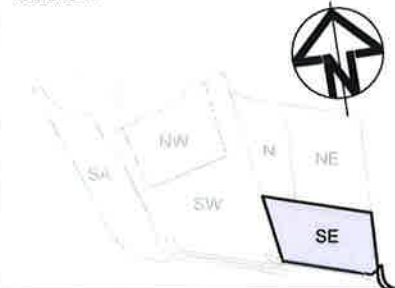
FUTURE WORKS OPTION SHOWN IS INDICATIVE ONLY PENDING CONFIRMATION FROM APPROVING BODY. DOES NOT FORM PART OF THIS DEVELOPMENT APPLICATION

CULVERT AMPLIFICATION SUBJECT TO DETAIL DESIGN DEVELOPMENT AND FUTURE APPROVALS. INDICATIVE ONLY

PART OF THE CULVERT AMPLIFICATION WITHIN SOUTH EAST PLOT DA BOUNDARY

DARLING HARBOUR LIVE

REFERENCE MAP



NOTES:

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA. ALL LEVELS TO AHD.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

0 5 10 15 20 25m
 1:250

REV	DESCRIPTION	DATE
09	ARCHITECTURAL BASE UPDATED	16/10/2015
08	AMMENDMENTS IN RESPONSE TO CLIENTS COMMENTS	23/09/2015
07	ARCHITECTURAL BASE UPDATED. RE-ISSUE FOR DEVELOPMENT APPLICATION	15/06/2015
06	RE-ISSUE FOR DEVELOPMENT APPLICATION	09/05/2015
05	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
04	ISSUE FOR CONSTRUCTION	07/04/2015
03	EXISTING STORMWATER TO BE REMOVED ADDED	17/06/2014
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT

LEND LEASE BUILDING PTY. LTD.
 LEVEL 4, THE BOND, 30 HICKSON RD
 MILLERS POINT, NSW 2000

CONSULTANTS
fjmt
 harry jones morehen sharp

ARCHITECT
 harry jones morehen sharp
 LEVEL 5, 70 KING STREET
 SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES

HYDER CONSULTING PTY LTD
 ABN 76 104 485 288
 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
 THE HAYMARKET PRECINCT (PDA)
 SOUTH EAST PLOT

DRAWING TITLE

CIVIL WORKS
 AND STORMWATER
 PLAN

STATUS

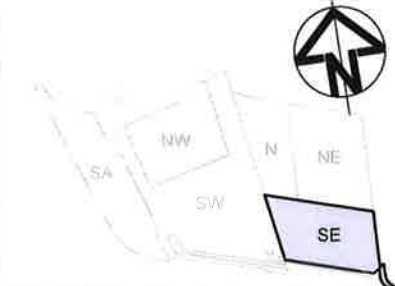
DESIGN DEVELOPMENT

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:250	JW	KM	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8301	09		



DARLING HARBOUR LIVE

REFERENCE MAP



NOTES:

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA ALL LEVELS TO AHD.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

0 5 10 15 20 25m
1:250

REV	DESCRIPTION	DATE
08	ARCHITECTURAL BASE UPDATED	16/10/2015
07	ARCHITECTURAL BASE UPDATED, RE-ISSUE FOR DEVELOPMENT APPLICATION	15/06/2015
06	RE-ISSUE FOR DEVELOPMENT APPLICATION	09/06/2015
05	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
04	ISSUE FOR CONSTRUCTION	07/04/2015
03	PAVEMENT TYPE AMENDED	19/08/2014
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	08/05/2014

CLIENT



LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000



ARCHITECT
francis-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES

HYDER CONSULTING PTY LTD
ABN 76 104 455 289
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

SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT



DRAWING TITLE

PAVEMENT
PLAN

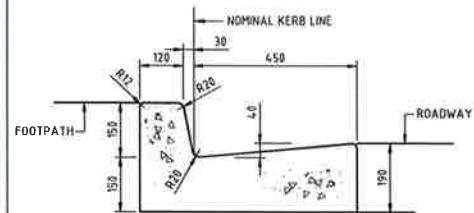
STATUS

DEVELOPMENT APPLICATION

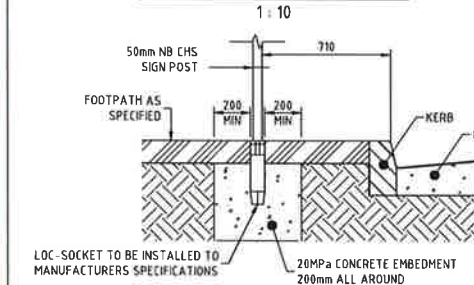
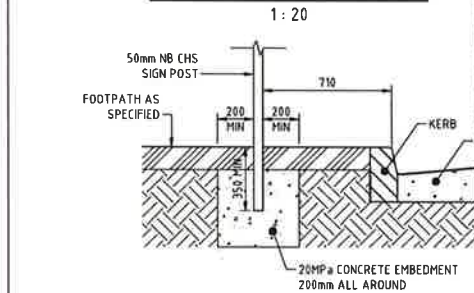
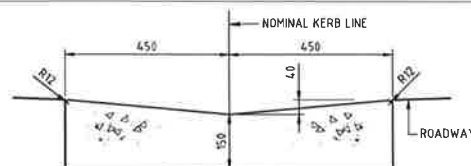
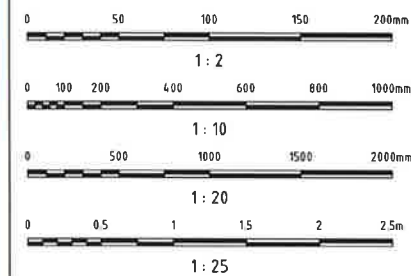
SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
1:250	JW	-	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8321	08		

NOTES

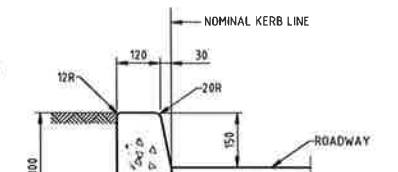
1. ALL KERBS TO BE MIN 32MPa CONCRETE UNLESS NOTED OTHERWISE.
2. ALL KERBS TO BE STEEL TROWEL FINISHED.
3. ALL EDGES SHALL BE TOOL FINISHED WITH 12mm RADIUS 50mm WIDE EDGING TOOL.
4. EXPANSION JOINTS SHALL BE PLACED AT 6m INTERVALS.
5. ALL BOLLARDS TO CITY OF SYDNEY STANDARD DETAIL DRAWINGS NOS. 4.4.1 AND 4.4.2.
6. SIGN POST INSTALLATION DETAILS TO CITY OF SYDNEY STANDARD DRAWING DETAIL NO. 6.2.2



KERB AND GUTTER (K&G)

LOC-SOCKET
SIGN POST INSTALLATIONDIRECT CONCRETE EMBEDMENT
SIGN POST INSTALLATION

DISH CROSSING (DC)

NSW GOVERNMENT
Planning
KERB ONLY (KO)

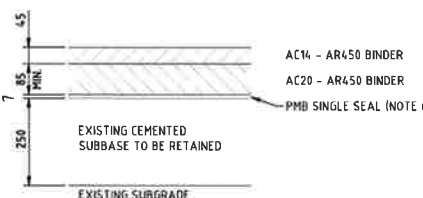
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. 5506633granted on the 16.12.16Signed [Signature]Sheet No. 10 of 62EXISTING WEARING COURSE TO BE REMOVED
TO A DEPTH OF 45mm MINIMUM PRIOR TO
APPLICATION OF NEW ASPHALT LAYERSAC14 - AR450 BINDER
AC20 / AC14 CORRECTOR COURSE
WHERE REQUIRED - AR450 BINDER
EXISTING PAVEMENT

PAVEMENT TYPE 1

ASPHALT MILL AND RESHEET/OVERLAY

SCALE 1:10



PAVEMENT TYPE 2 (NOTE 5)

ASPHALT MILL AND STRUCTURAL OVERLAY

SCALE 1:10

PERMANENT DESIGN TRAFFIC: 5.56 x 10⁶ ESA'sAC14 - AR450 BINDER
AC20 - AR450 BINDER
PMB SINGLE SEAL (NOTE 6)PAVEMENT INTERFACE DETAIL
TYPE 2 AND TYPE 1

SCALE 1:10

EXISTING WEARING COURSE TO BE REMOVED
TO A DEPTH OF 45mm MINIMUM PRIOR TO
APPLICATION OF NEW ASPHALT LAYERSAC14 - AR450 BINDER
AC20 / AC14 CORRECTOR COURSE
WHERE REQUIRED - AR450 BINDERPAVEMENT INTERFACE DETAIL
TYPE 1 AND TYPE 3

SCALE 1:10

EXISTING WEARING COURSE TO BE REMOVED
TO A DEPTH OF 45mm MINIMUM PRIOR TO
APPLICATION OF NEW ASPHALT LAYERSAC14 - AR450 BINDER
AC20 / AC14 CORRECTOR COURSE
WHERE REQUIRED - AR450 BINDERINTERFACE DRAIN - Ø100 CLASS SN20
CORRUGATED PERFORATED DRAINAGE PIPE IN
NO FINES CONCRETE WRAPPED IN GEOTEXTILEPAVEMENT INTERFACE DETAIL
TYPE 1 AND TYPE 4

SCALE 1:10

150 MIN STEP OF A SINGLE NEW
AC20 LAYER OVER INTERFACE JOINTAC14 - AR450 BINDER
AC20 - AR450 BINDER
PMB SINGLE SEAL (NOTE 6)EXISTING CEMENTED
SUBBASE TO BE RETAINED

EXISTING SUBGRADE

PAVEMENT INTERFACE DETAIL
TYPE 2 AND TYPE 3

SCALE 1:10

150 MIN STEP OF A SINGLE NEW
AC20 LAYER OVER INTERFACE JOINTAC14 - AR450 BINDER
AC20 - AR450 BINDER
PMB SINGLE SEAL (NOTE 6)EXISTING CEMENTED
SUBBASE TO BE RETAINED

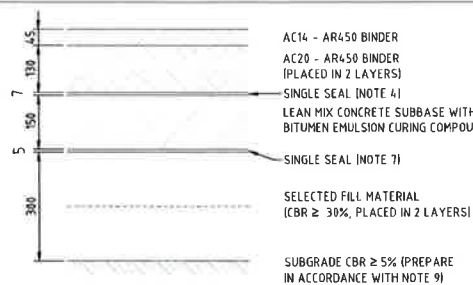
EXISTING SUBGRADE

AC14 - AR450 BINDER
AC20 - AR450 BINDER
(PLACED IN 2 LAYERS)SINGLE SEAL (NOTE 7)
LEAN MIX CONCRETE SUBBASE WITH
BITUMEN EMULSION CURING COMPOUND

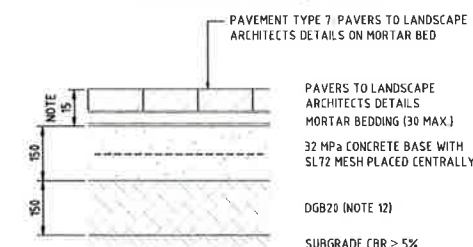
SINGLE SEAL (NOTE 7)

SELECTED FILL MATERIAL
(CBR ≥ 30%, PLACED IN 2 LAYERS)

SUBGRADE CBR ≥ 5% (NOTE 9)

AC14 - AR450 BINDER
AC20 / AC14 CORRECTOR COURSE WHERE REQ'D
EXISTING PAVEMENTPAVEMENT TYPE 3
ASPHALT OVER LEAN MIX CONCRETE SUBBASE

SCALE 1:10

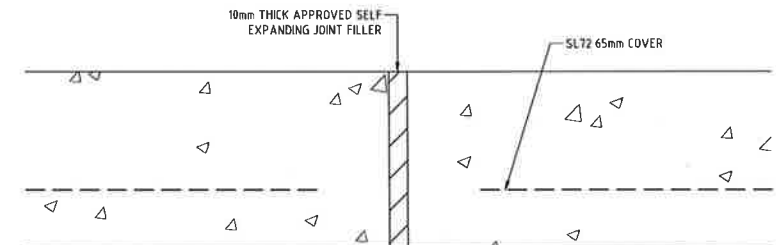
PERMANENT DESIGN TRAFFIC: 5.56 x 10⁶ ESA'sPAVEMENT TYPE 6/7
MEDIAN ISLAND INFILL/FOOTPATH

SCALE 1:10

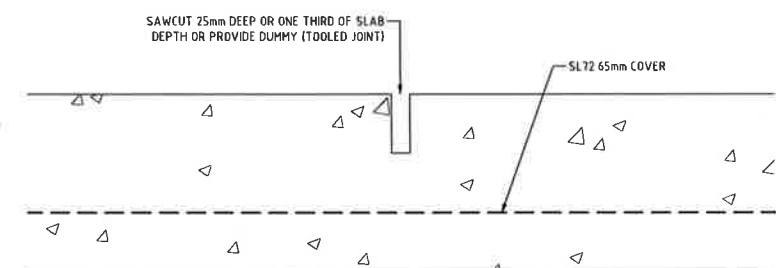
AC14 - AR450 BINDER
AC20 - AR450 BINDER
SINGLE SEAL (NOTE 7)

SELECTED MATERIAL (CBR ≥ 30%)

SUBGRADE CBR ≥ 5% (NOTE 9)

CONCRETE PAVING
EXPANSION JOINT

1:2

CONCRETE PAVING
CONSTRUCTION JOINT

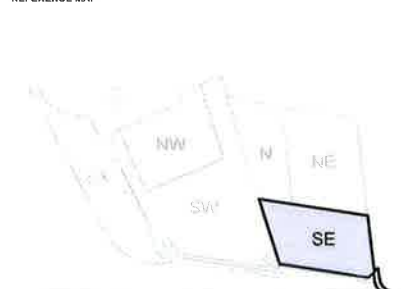
1:2

NOTES - PAVEMENT PROFILES

1. DENSE GRADED ASPHALT SHALL BE CONSTRUCTED IN ACCORDANCE WITH RMS SPECIFICATION R116
2. LEAN MIX CONCRETE SUBBASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH RMS SPECIFICATION R82
3. SPRAYED SEALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH RMS SPECIFICATIONS R106 (CUTBACK BITUMEN) AND R107 (PMB)
4. CURING AND BONDING TREATMENT ON THE LEAN MIX CONCRETE SUBBASE FOR PAVEMENT TYPE 3 INCLUDES THE FOLLOWING IN ACCORDANCE WITH RMS SPECIFICATION R82:
 - CURING TREATMENT: BITUMEN EMULSION
 - BONDING TREATMENT: SINGLE SEAL WITH 7mm COVER AGGREGATE
5. PAVEMENT TYPE 2 FOR USE WHERE THE PROPOSED FINISHED SURFACE LEVEL IS BENEATH THE EXISTING SURFACE LEVEL TO A MAXIMUM DEPTH OF 50mm
 - EXISTING PAVEMENT TO BE REMOVED TO A DEPTH TO ALLOW NOMINATED ASPHALT OVERLAY
6. PMB SINGLE SEAL: 55SR BINDER AT NOMINAL 14 L/m² AND 10mm PRECOATED COVER AGGREGATE
7. SINGLE SEAL: C170 BINDER WITH MAXIMUM 3% CUTTER AND 7mm PRECOATED COVER AGGREGATE
8. MINIMUM REQUIREMENTS OF SELECTED MATERIAL LAYER INCLUDE:
 - COMPACTED LAYER THICKNESS: 100 - 150mm
 - COMPACTION: 102% STANDARD COMPACTION
9. WHERE NOTED THE SUBGRADE IS TO BE RIPPED TO A DEPTH OF 200mm MINIMUM AND RE-COMPACTED TO 100% STANDARD COMPACTION
10. INSPECTION AND TESTING IS REQUIRED TO CONFIRM THAT CONDITIONS ON SITE ARE CONSISTENT WITH THE PARAMETERS USED IN THIS PAVEMENT DESIGN. THESE SHOULD BE VERIFIED PRIOR TO CONSTRUCTION BY A QUALIFIED GEOTECHNICAL ENGINEER.
11. ALL STONE SETT PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF SYDNEY STANDARDS:
 - SYDNEY STREET TECHNICAL SPECIFICATIONS
 - B.6 ROADWAYS, CLAUSE 6.3.3
 - SYDNEY STREET TECHNICAL SPECIFICATIONS
 - C. STANDARD DRAWINGS DWG No. 3.1.9
12. MINIMUM COMPACTION REQUIREMENTS FOR DGB20 LAYERS:
 - COMPACTION: 100% STANDARD COMPACTION
13. FINAL LAYER OF AC NOT TO BE LAID UNTIL COMPLETION OF CONSTRUCTION WORKS.
14. PAVEMENT TYPE 1 AND TYPE 2 MAY BE USED IN LIEU OF TYPE 3 WHERE SITE CONDITIONS ALLOW.
15. PAVEMENT TYPE AND THICKNESS TO LANDSCAPE ARCHITECTS DETAILS. ALLOW 100 SET-DOWN FOR 70 & 80 PAVERS AND 80 SET-DOWN FOR 50 & 60 PAVERS.

DARLING HARBOUR LIVE

REFERENCE MAP



NOTES:

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
2. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL COORDINATES TO MGA ALL LEVELS TO AHD.
4. ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
5. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
6. THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

REV	DESCRIPTION	DATE
06	ARCHITECTURAL BASE UPDATED	16/10/2015
05	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
04	ISSUE FOR CONSTRUCTION	07/04/2015
03	PAVEMENT TYPE AMENDED AND NOTE ADDED	19/08/2014
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT

LEND LEASE BUILDING PTY. LTD.
LEVEL 4, THE BOND, 30 HICKSON RD
MILLERS POINT, NSW 2000

CONSULTANTS

fjmt
franchise-jones morehen thorpARCHITECT
franchise-jones morehen thorp
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES

HYDER CONSULTING PTY LTD
ABN 76 104 465 289
LEVEL 5, 141 WALKER ST
NORTH SYDNEY NSW 2060
AUSTRALIATel: +61 (0)2 8907 9000
Fax: +61 (0)2 8907 9001
www.hyderconsulting.com
© Copyright reserved

PROJECT

SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

DRAWING TITLE

CIVIL WORKS
DETAILS

STATUS

DEVELOPMENT APPLICATION

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
AS SHOWN	JW	KM	MBK	MAK
PROJECT NUMBER	DRAWING NUMBER	REV		
AA004399	PD-CI-8381	06		

PIT	TYPE	COVER TYPE	PIT WIDTH (mm) "X"	PIT LENGTH (mm) "Y"	REFERENCE DRAWING	COMMENTS
SE-T\1	CONNECTION TO EXISTING CULVERT					BREAK IN NEW HAY ST, STORMWATER CULVERT AMPLIFICATION (ON HOLD)
SE-T\2	JUNCTION PIT - TYPE B	600 X 600 CLASS "D" CAST IRON FRAME WITH CONCRETE INFILL	1500	600	PD-CI-8541	
SE-T\3	SPLITTER PIT	900 X 600 CLASS "D" CAST IRON FRAME WITH CONCRETE INFILL	1200	2400	PD-CI-8543	
SE-T\4	SURFACE INLET PIT - TYPE A	600 X 600 CLASS "D" STAINLESS STEEL HEELSAFE	600	900	PD-CI-8541	SPLIT PIT ALLOWS FOR INTERNAL WEIR
SE-T\5	SURFACE INLET PIT - TYPE A	600 X 600 CLASS "D" STAINLESS STEEL HEELSAFE	900	900	PD-CI-8541	
SE-T\6	SURFACE INLET PIT - TYPE A	600 X 600 CLASS "D" STAINLESS STEEL HEELSAFE	600	900	PD-CI-8541	
SE-T\7	SURFACE INLET PIT - TYPE A	600 X 600 CLASS "D" STAINLESS STEEL HEELSAFE	600	900	PD-CI-8541	
SE-T\8	SURFACE INLET PIT - TYPE A	600 X 600 CLASS "D" STAINLESS STEEL HEELSAFE	600	900	PD-CI-8541	
SE-C\1	STUB FOR FUTURE CONNECTION	N/A	N/A	N/A	N/A	PIPE CONNECTION FOR SOUTH EAST PLOT
SE-U\1	STORMFILTER		NA	NA	PD-CI-8543	STORMWATER 360 - 10 CARTRIDGE STORMFILTER SYSTEM
SE-U\2	GROSS POLLUTANT TRAP		NA	NA	REFER ROCLA STANDARD DRAWING 207772	ROCLA CDS MODEL PL0506



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

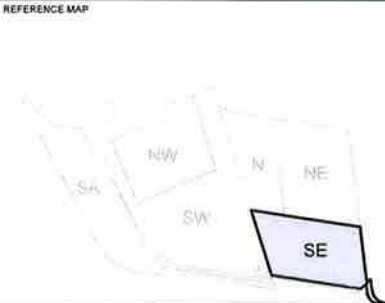
Approved Application No. SPD 6633

granted on the 16.12.16

Signed [Signature]

Sheet No. 11 of 62

DARLING HARBOUR LIVE



NOTES:

- DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL COORDINATES TO MGA ALL LEVELS TO AHD.
- ALL DIMENSIONS, COORDINATES AND LEVELS TO BE VERIFIED ON SITE BEFORE PROCEEDING WITH WORK. HYDER SHALL BE NOTIFIED IN WRITING OF ANY DISCREPANCIES.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT CONTRACTS, SPECIFICATIONS AND DRAWINGS.
- THIS DRAWING CONTAINS COLOUR AND MUST ONLY BE PRINTED OR COPIED IN COLOUR.

0 2 4 6 8 10m
1 : 100

0 10 20 30 40 50m
1 : 500

REV	DESCRIPTION	DATE
07	ARCHITECTURAL BASE UPDATED	16/10/2015
06	RE-ISSUE FOR DEVELOPMENT APPLICATION	09/06/2015
05	ISSUE FOR DEVELOPMENT APPLICATION	27/05/2015
04	ISSUE FOR CONSTRUCTION	07/04/2015
03	PIT SCHEDULE AMENDED	17/06/2014
02	ISSUE FOR TENDER	30/05/2014
01	ISSUE FOR CLIENT REVIEW	09/05/2014

CLIENT
lendlease

CONSULTANTS
fjmt
francis-jones morehen thorpe

ARCHITECT
francis-jones morehen thorpe
LEVEL 5, 70 KING STREET
SYDNEY, NSW 2000

CIVIL / TRAFFIC / FACADES
HYDER CONSULTING PTY LTD
ABN 76 104 465 289
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
SICEEP - DARLING HARBOUR
THE HAYMARKET PRECINCT (PDA)
SOUTH EAST PLOT

DRAWING TITLE
STORMWATER DRAINAGE
PIT SCHEDULE

STATUS
DEVELOPMENT APPLICATION

SCALE @ A1	DRAWN	DESIGNED	REVIEWED	APPROVED
-	JW	VN	MBK	MAK

PROJECT NUMBER	DRAWING NUMBER	REV
AA004399	PD-CI-8516	07