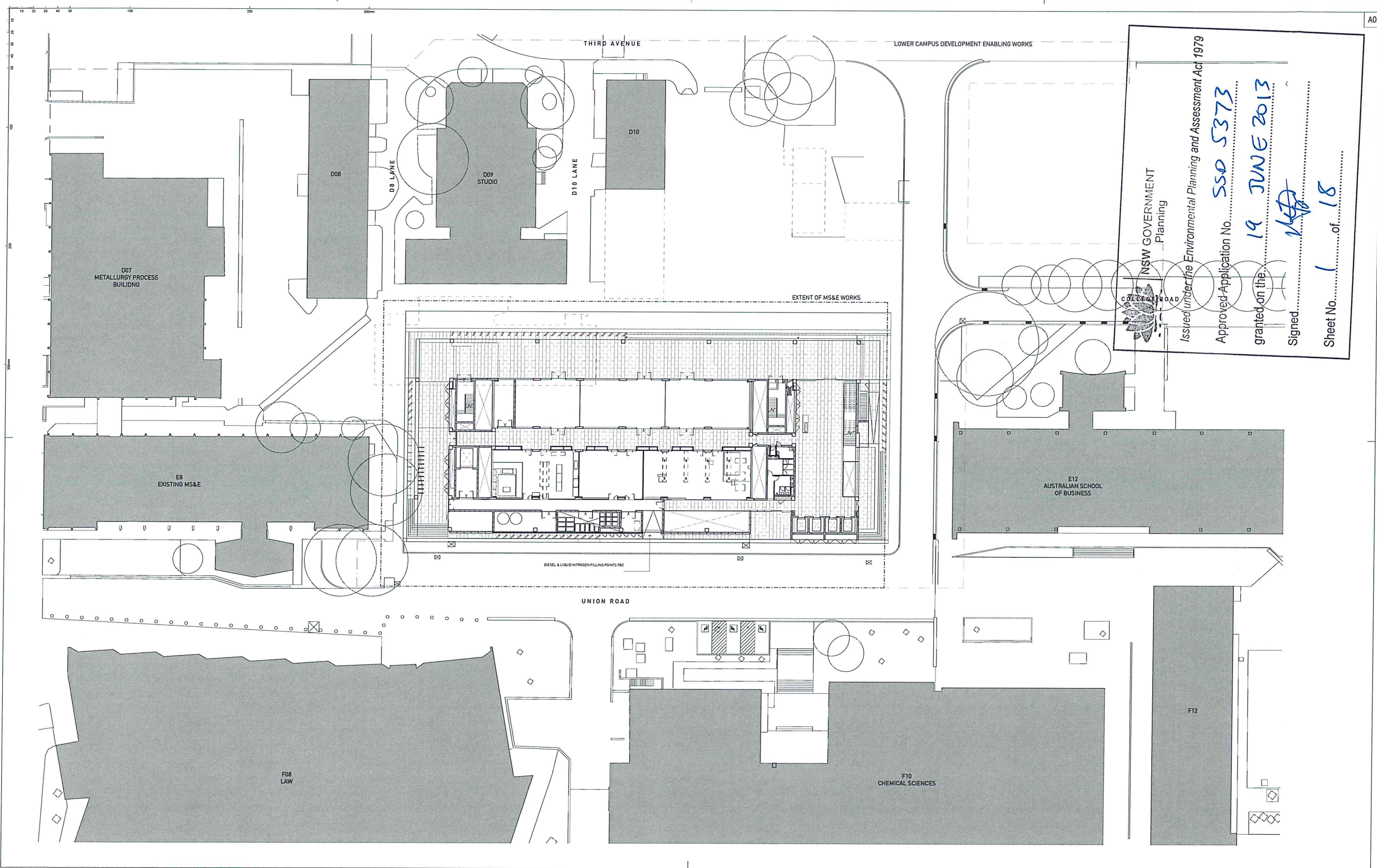




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Planning
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Approved Application No. **SSD 5373**
granted on the **19 JUNE 2013**
Signed *[Signature]*
Sheet No. **1** of **18**

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LAB ARCHITECTURE & BUILDING SERVICES
Office Sydney
Telephone +612 9253 0200
Address Level 3, 24 Hickson Road
Sydney, NSW 2000, Australia
www.grimshaw-architects.com

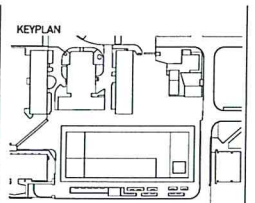
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REV	DESCRIPTION	DATE
1	Preliminary Issue	01/06/12
2	Planning Preliminary Issue	20/06/12
3	For Construction	20/06/12
4	For Construction	21/06/12
5	Draft Planning Issue	20/06/12
6	State Significant Development Application	20/06/12
7	State Significant Development Application Addendum	22/06/12

REV	DESCRIPTION	DATE

SERVICES
STEENEN VARMINO
tel 02 9947 2200 fax 02 9947 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000
HYDRAULIC AND FIRE SERVICES
WARREN SMITH & PARTNERS
tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

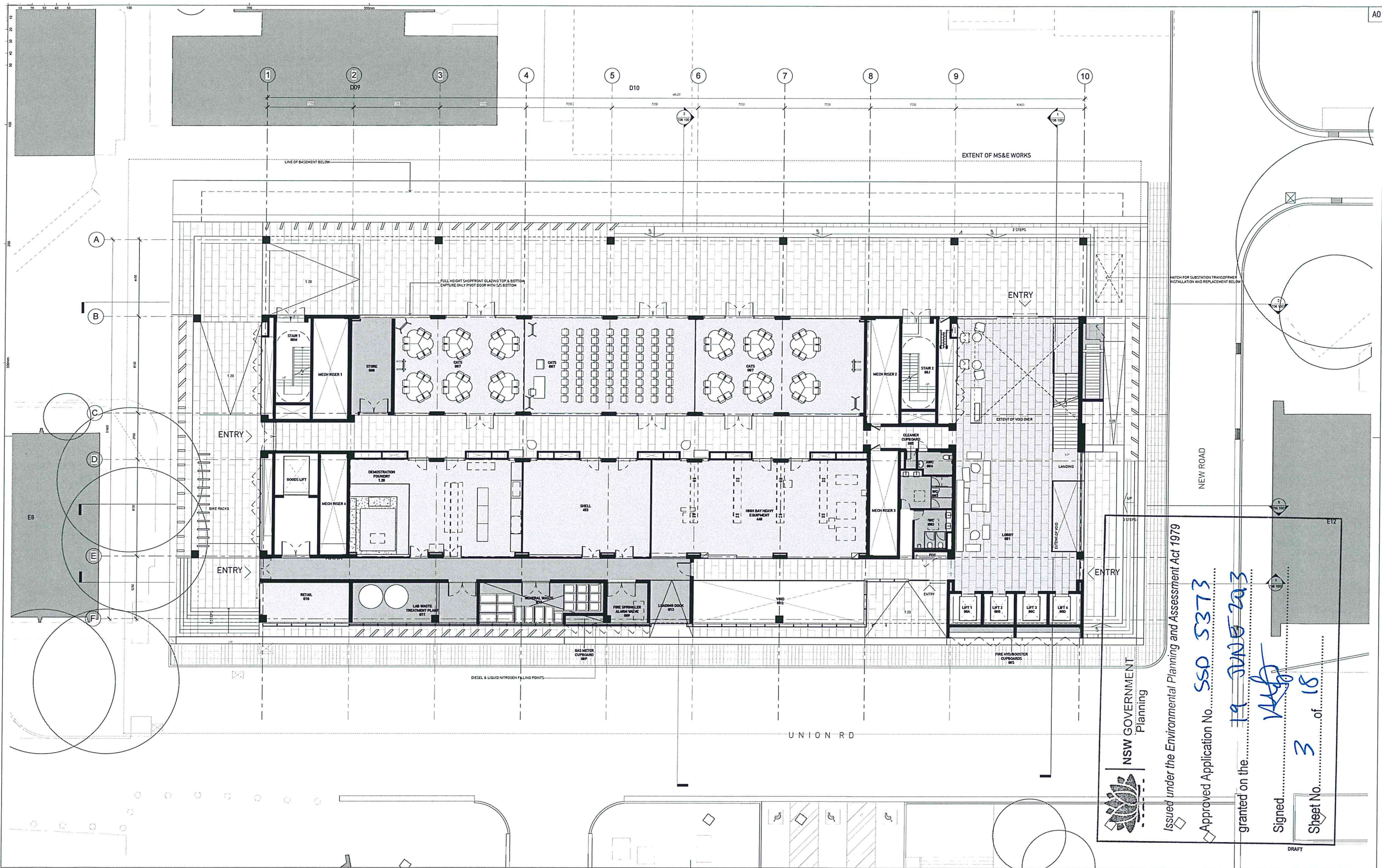
PROJECT MANAGER
Capital Insight Pty Ltd
tel 02 9955 2300 fax 02 9955 5574
77 BERRY ST NORTH SYDNEY NSW 2060
STRUCTURAL
TaylorThomsonWhitting
tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065



CLIENT
UNSW
THE UNIVERSITY OF NEW SOUTH WALES
PROJECT
UNSW
Materials Science and Engineering New Building

PROJECT NORTH
TRUE NORTH
GRAPHIC SCALE
SCALE 1:200 at A0
FIRST ISSUED 20/12/2012
DO NO SCALE
STATUS
FOR INFORMATION ONLY

DRAWING
SITE PLAN - GROUND LEVEL
DRAWN BY NJ
CHECKED DVH
AUTHORISED AM
PROJECT NO. DWG NO.
ISSUE
T01 1002 7



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REV	DESCRIPTION	DATE
1	Primary Issue	01/06/12
2	Planning Phase/Issue	22/06/12
3	For Coordination	23/06/12
4	For Coordination	21/06/12
5	Draw Planning Issue	28/06/12
6	State Significant Development Application	25/10/12
7	State Significant Development Application Amendment	25/03/13

REV	DESCRIPTION	DATE
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SERVICES

STEENSEN VARMING

tel 02 9967 2200 fax 02 9967 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000

HYDRAULIC AND FIRE SERVICES

WARREN SMITH & PARTNERS
tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

PROJECT MANAGER

Capital Insight Pty Ltd
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77 BERRY ST NORTH SYDNEY NSW 2060

STRUCTURAL

TaylorThomsonWhitting
tel 02 9439 7288 fax 02 9439 3144
48 CHANDOS STREET ST LEONARDS NSW 2065

KEY PLAN

CLIENT

UNSW
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PROJECT

UNSW
Materials Science and Engineering New Building

PROJECT NORTH

TRUE NORTH

GRAPHIC SCALE

SCALE
1 : 100 at A0

FIRST ISSUED
20/12/2012
DO NO SCALE

STATUS

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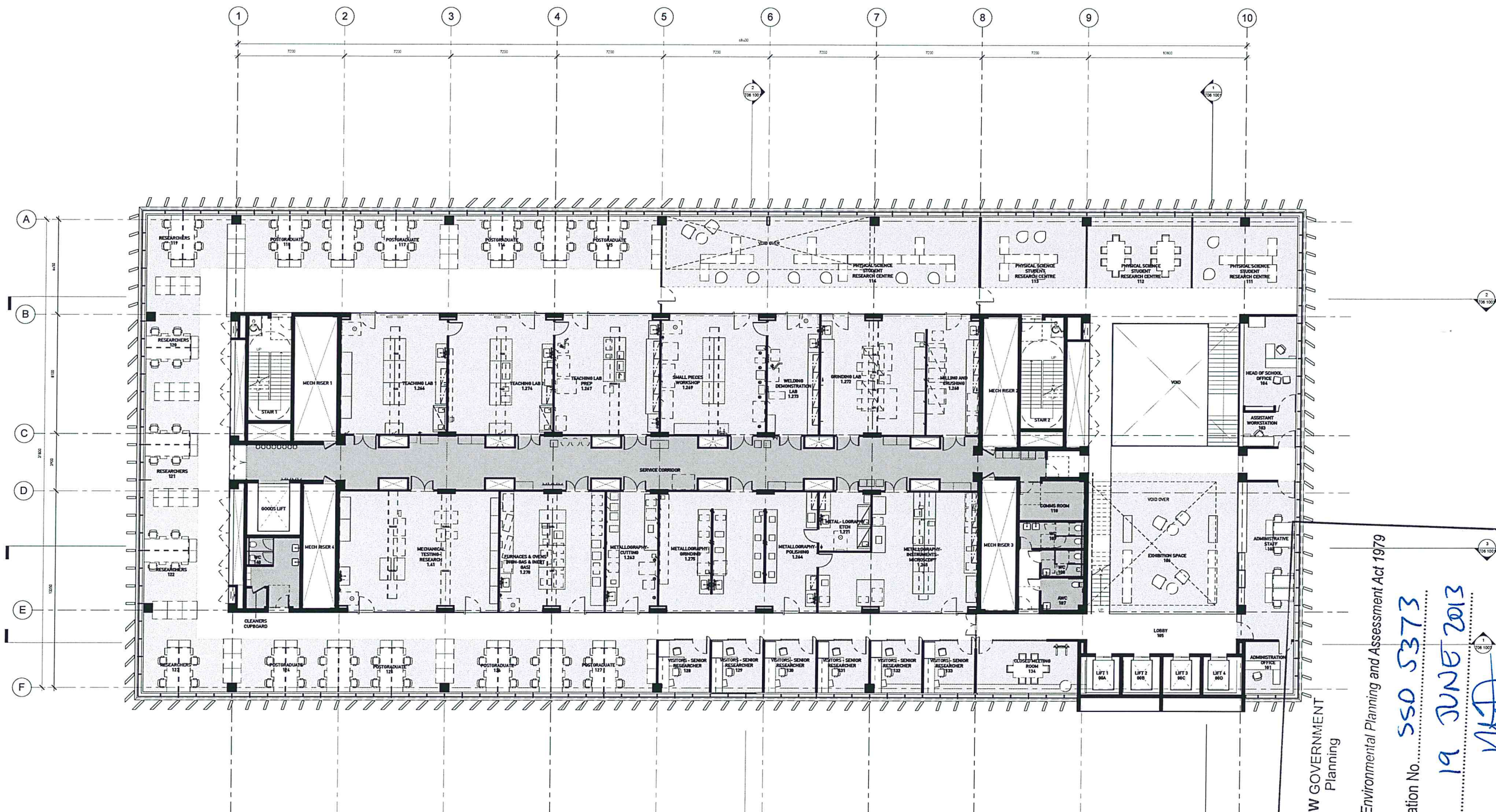
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GENERAL ARRANGEMENT PLAN - GROUND

DRAWN BY NJ **CHECKED** DVH **AUTHORISED** AM

PROJECT NO. DWG NO. **ISSUE**

T02 1002 **7**



NSW GOVERNMENT
Planning

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Approved Application No. **SSO 5373**

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Signed **[Signature]**

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REV	DESCRIPTION	DATE
1	Preliminary Issue	01/09/12
2	Planning Permit/Initial Issue	25/09/12
3	For Coordination	23/09/12
4	For Coordination	21/09/12
5	Final Planning Issue	28/09/12
6	State Significant Development Application	05/10/12
7	State Significant Development Application Addendum	25/03/13

REV	DESCRIPTION	DATE
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SERVICES

STEENSEN VARMING

tel 02 9967 2200 fax 02 9967 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000

HYDRAULIC AND FIRE SERVICES

WARREN SMITH & PARTNERS

tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

PROJECT MANAGER

Capital Insight Pty Ltd

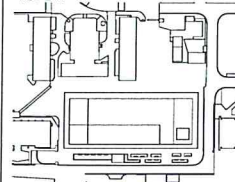
tel 02 9555 2300 fax 02 9555 5574
77 BERRY ST NORTH SYDNEY NSW 2060

STRUCTURAL

TaylorThomsonWhitting

tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065

KEYPLAN



CLIENT
UNSW
THE UNIVERSITY OF NEW SOUTH WALES
PROJECT
UNSW
Materials Science and
Engineering New Building

PROJECT NORTH
TRUE NORTH
GRAPHIC SCALE

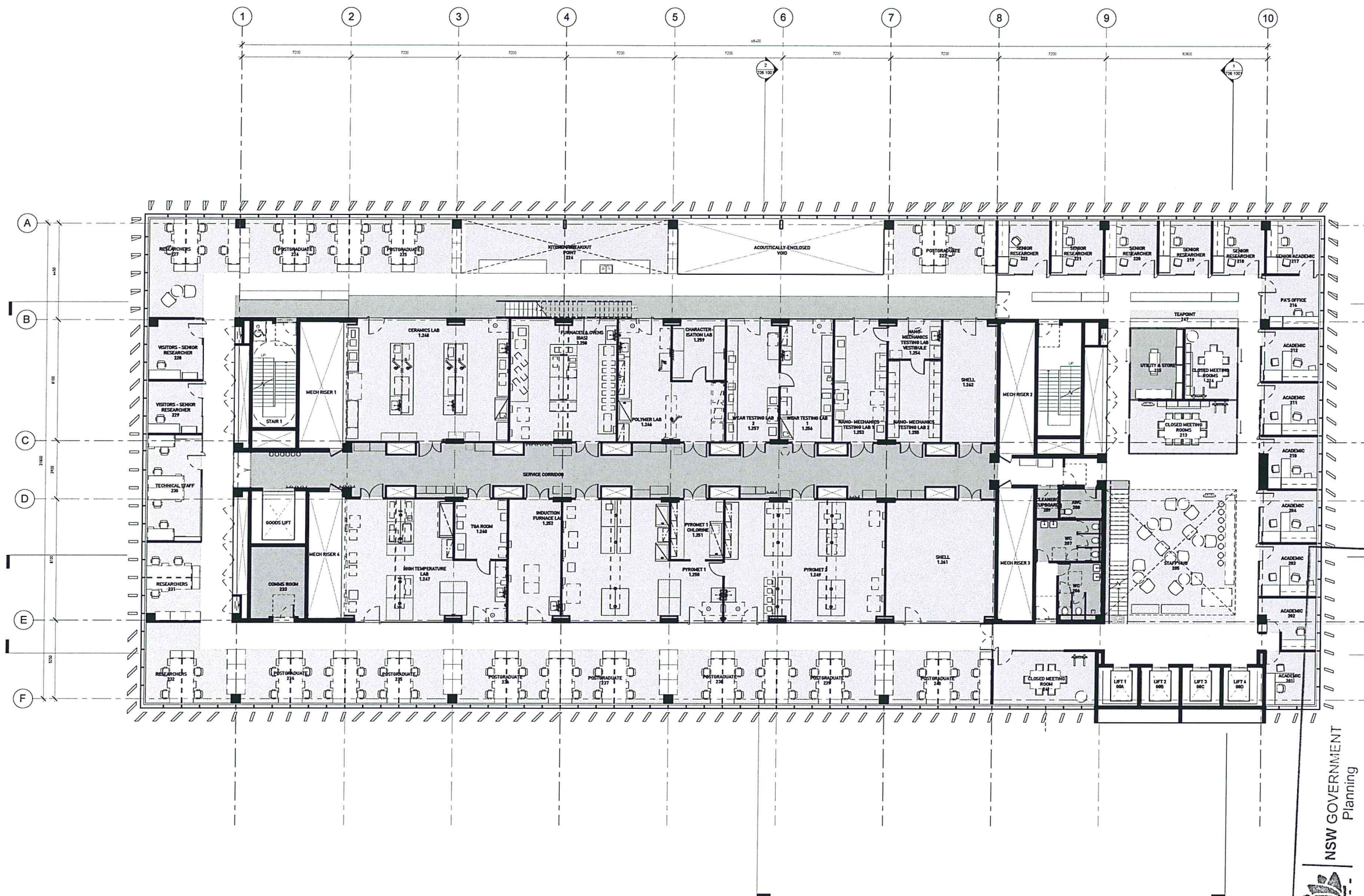
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FIRST ISSUED
20/12/2012
DO NO SCALE

STATUS
FOR INFORMATION ONLY

DRAWING
GENERAL
ARRANGEMENT PLAN -
LEVEL 1

DRAWN BY
NJ
CHECKED
MJ
AUTHORISED
AM

PROJECT NO. DWG NO. ISSUE
T02 1004 7



NSW GOVERNMENT
Planning

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Approved Application No. **SSD S373**

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Signed **[Signature]**

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REV	DESCRIPTION	DATE
1	Preliminary Issue	01/06/12
2	Planning Department Issue	25/06/12
3	For Coordination	25/06/12
4	For Coordination	25/06/12
5	Draft Planning Issue	26/06/12
6	State Significant Development Application	26/07/12
7	State Significant Development Application Addendum	22/07/13

REV	DESCRIPTION	DATE
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SERVICES

STEENSEN VARMING
tel 02 9967 2200 fax 02 9967 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000

HYDRAULIC AND FIRE SERVICES

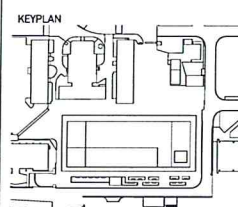
WARREN SMITH & PARTNERS
tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

PROJECT MANAGER

Capital Insight Pty Ltd
tel 02 9955 2380 fax 02 9955 5574
77 BERRY ST NORTH SYDNEY NSW 2060

STRUCTURAL

TaylorThomsonWhitting
tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065

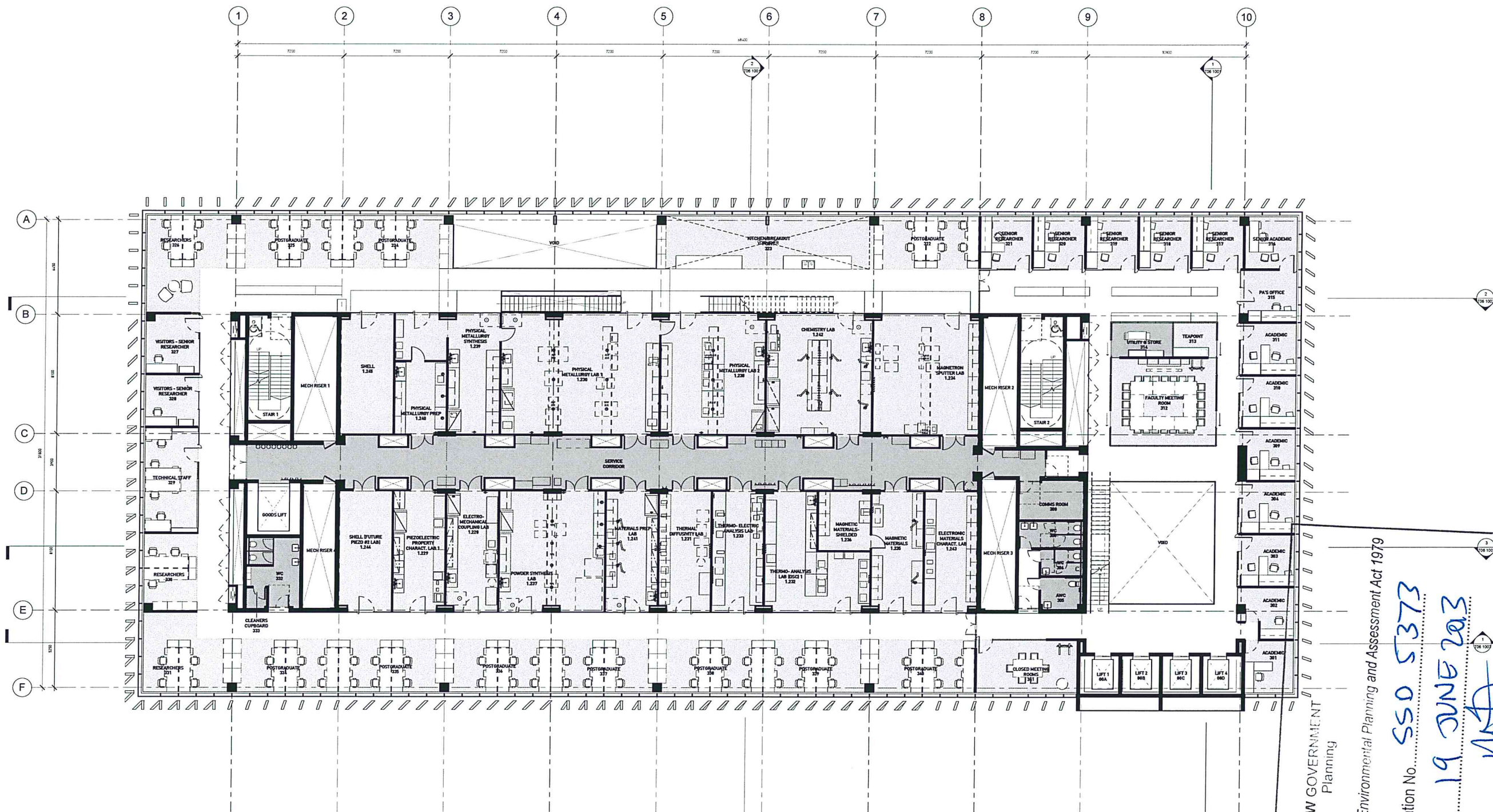


CLIENT
UNSW
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PROJECT
UNSW
Materials Science and Engineering New Building

PROJECT NORTH
GRAPHIC SCALE
SCALE 1:100 at A0
STATUS
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DRAWING
GENERAL
ARRANGEMENT PLAN -
LEVEL 2
DRAWN BY
CHECKED
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PROJECT NO.
DWG NO.
ISSUE

T02 1005 7



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REV	DESCRIPTION	DATE
1	Preliminary Issue	01/06/12
2	Planning/Preparation Issue	26/06/12
3	For Coordination	26/06/12
4	For Coordination	21/06/12
5	Draft Planning Issue	26/06/12
6	State Significant Development Application	05/07/12
7	State Significant Development Application Addendum	22/07/13

REV	DESCRIPTION	DATE
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SERVICES

STEENSEN VARMING
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LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000

HYDRAULIC AND FIRE SERVICES

WARREN SMITH & PARTNERS
tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

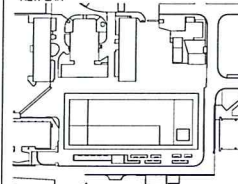
PROJECT MANAGER

Capital Insight Pty Ltd
tel 02 9555 2300 fax 02 9555 5574
77 BERRY ST NORTH SYDNEY NSW 2060

STRUCTURAL

TaylorThomsonWhitting
tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065

KEYPLAN



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THE UNIVERSITY OF NEW SOUTH WALES
PROJECT **UNSW**
Materials Science and Engineering New Building

PROJECT NORTH
GRAPHIC SCALE
SCALE 1:100 at A0
STATUS
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DRAWING
GENERAL
ARRANGEMENT PLAN -
LEVEL 3
DRAWN BY
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AUTHORISED
PROJECT NO. DWG NO. ISSUE
T02 1006 7

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tel 02 9967 2200 fax 02 9967 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2001

HYDRAULIC AND FIRE SERVICES

WARREN SMITH & PARTNERS
tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

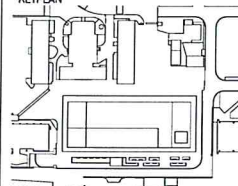
PROJECT MANAGER

 **Capital Insight Pty Ltd**
tel 02 9955 2300 fax 02 9955 5574
77 BERRY ST NORTH SYDNEY NSW 2060

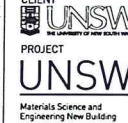
STRUCTURAL

TaylorThomsonWhitting
tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065

KEY PLAN



CLIENT

Materials Science and
Engineering New Building

PROJECT NORTH



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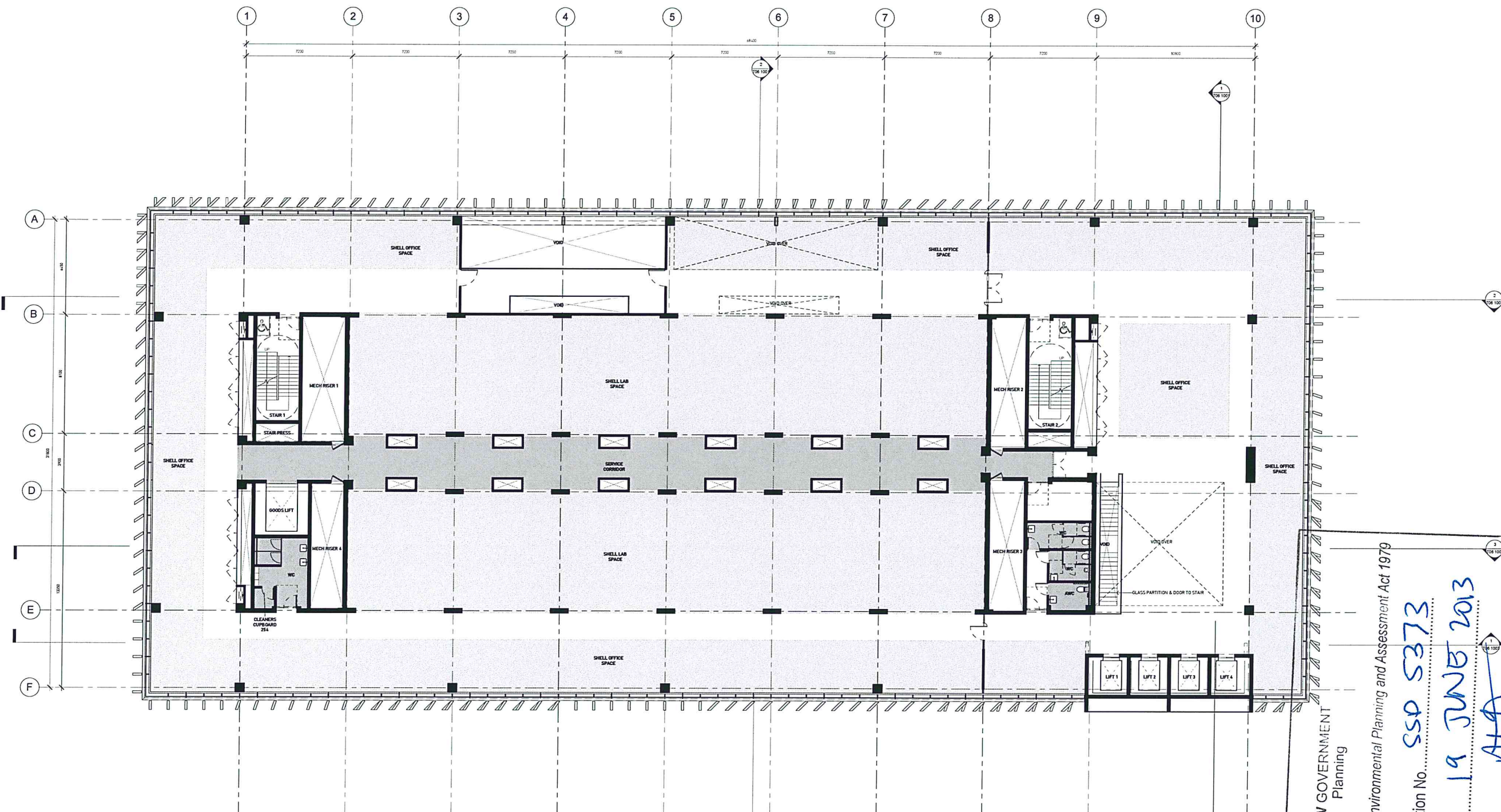
STATUS

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DRAWING
GENERAL
ARRANGEMENT PLAN -
LEVEL 4

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NJ	MJ	AM

PROJECT NO.	DWG NO.	ISSUE
T02 1007		7



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Planning

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Approved Application No. **SSP S373**

granted on the **19 JUNE 2013**

Signed **AGP**

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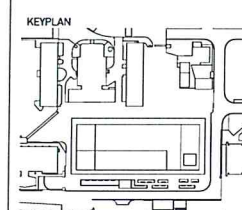
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REV	DESCRIPTION	DATE
1	Preliminary Issue	01/05/12
2	Planning Preliminary Issue	25/05/12
3	For Coordination	23/06/12
4	For Coordination	11/06/12
5	Draft Planning Issue	23/06/12
6	Draft Significant Development Application	05/09/12
7	Draft Significant Development Application Addendum	25/09/12

REV	DESCRIPTION	DATE
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SERVICES
STEENSEN VARMO
tel 02 9967 2200 fax 02 9967 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000
HYDRAULIC AND FIRE SERVICES
WARREN SMITH & PARTNERS
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PROJECT MANAGER
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77 BERRY ST NORTH SYDNEY NSW 2060
STRUCTURAL
TaylorThomsonWhitting
tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065

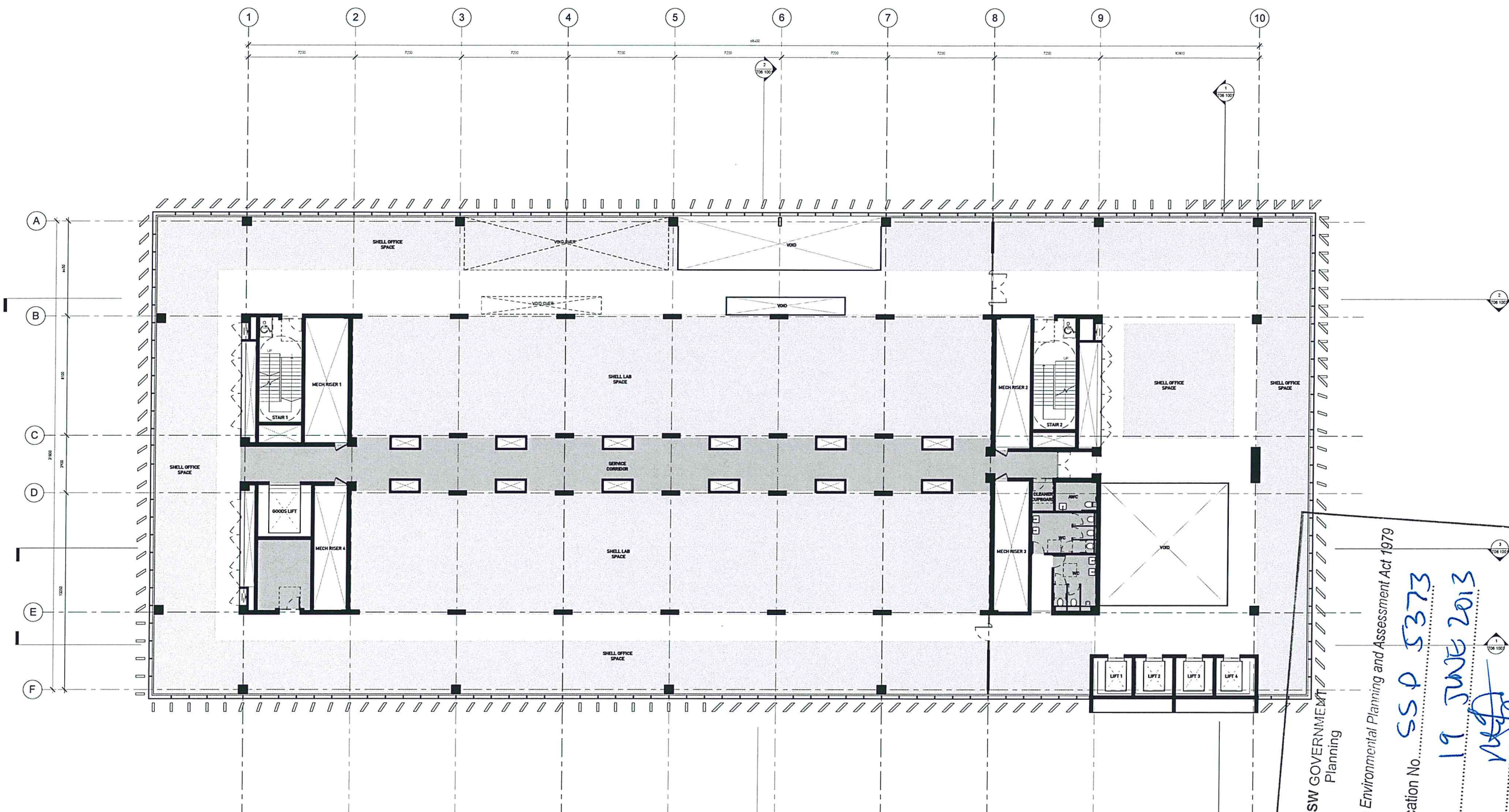


CLIENT
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PROJECT
UNSW
Materials Science and Engineering New Building

PROJECT NORTH
GRAPHIC SCALE
SCALE 1:100 at A0
STATUS
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20/12/2012
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DRAWING
GENERAL ARRANGEMENT PLAN - LEVEL 5
DRAWN BY NJ CHECKED MJ AUTHORISED AM
PROJECT NO. DWG NO. ISSUE
T02 1008 7



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. **SSP 5373**

granted on the **19 JUNE 2013**

Signed **NSP**

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REV	DESCRIPTION	DATE
1	Preliminary Issue	21/06/12
2	Planning Preliminary Issue	23/06/12
3	For Coordination	23/06/12
4	For Coordination	23/06/12
5	State Planning Issue	23/06/12
6	State Significant Development Application	25/07/12
7	State Significant Development Application Addendum	22/09/13

REV	DESCRIPTION	DATE
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SERVICES

STEENSEN VARMING

tel 02 9967 2200 fax 02 9967 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000

HYDRAULIC AND FIRE SERVICES

WARREN SMITH & PARTNERS

tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

PROJECT MANAGER

Capital Insight Pty Ltd

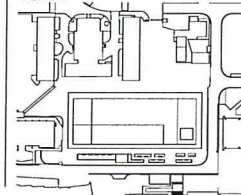
tel 02 9955 2300 fax 02 9955 5574
77 BERRY ST NORTH SYDNEY NSW 2060

STRUCTURAL

TaylorThomsonWhitting

tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065

KEYPLAN



CLIENT
UNSW
THE UNIVERSITY OF NEW SOUTH WALES
PROJECT
UNSW
Materials Science and
Engineering New Building

PROJECT NORTH
TRUE NORTH
GRAPHIC SCALE

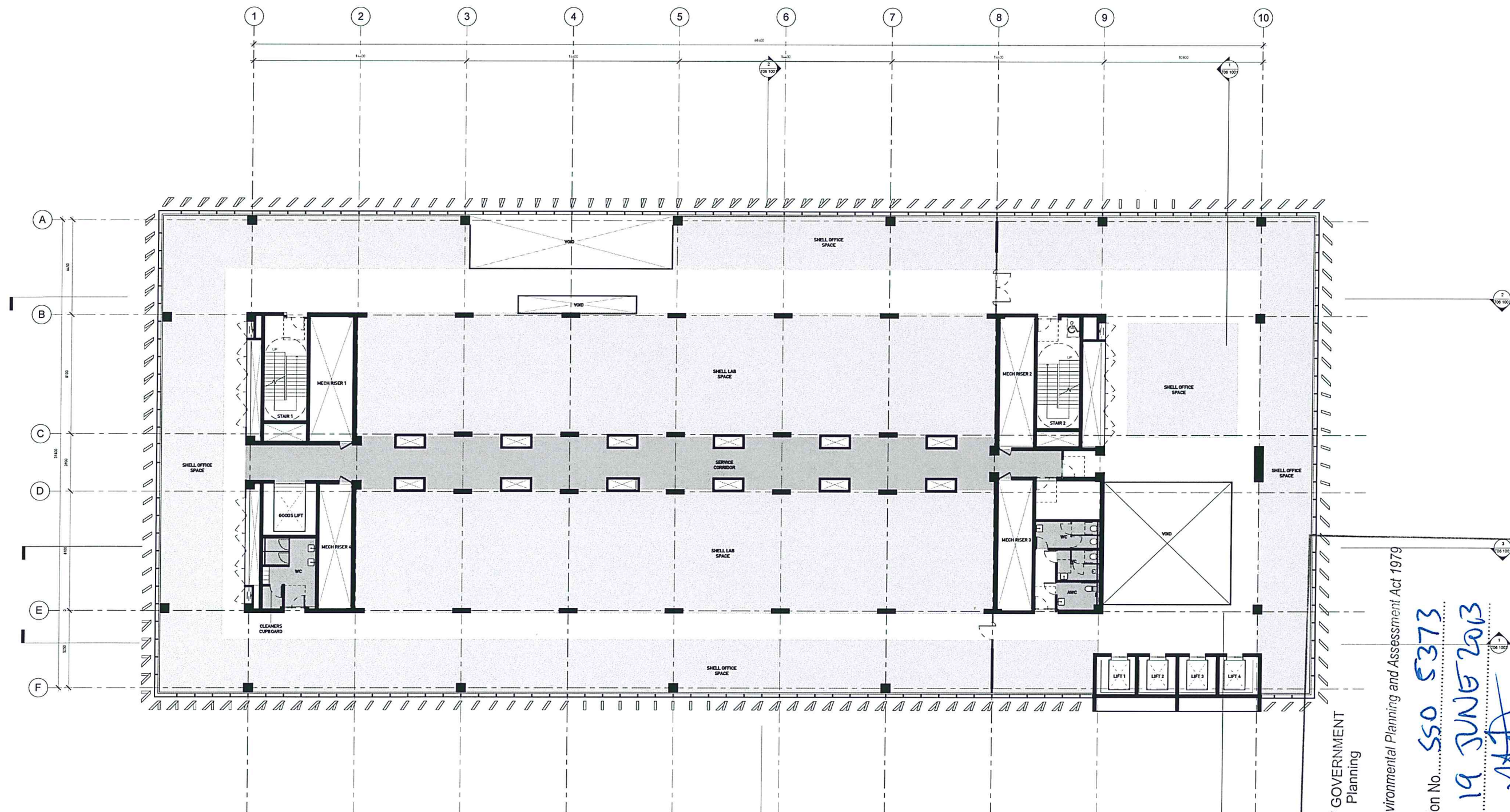
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20/12/2012
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STATUS
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DRAWING
GENERAL
ARRANGEMENT PLAN -
LEVEL 6

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MJ
AUTHORISED
AM

PROJECT NO. DWG NO. ISSUE
T02 1009 7



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. **550 5373**

granted on the **19 JUN 2013**

Signed **[Signature]**

Sheet No. **10** of **18**

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REV	DESCRIPTION	DATE
1	Preliminary Issue	01/06/12
2	Planning Preliminary Issue	26/06/12
3	For Coordination	26/06/12
4	For Coordination	21/06/12
5	Draft Planning Issue	26/06/12
6	State Significant Development Application	05/07/12
7	State Significant Development Application Addendum	22/07/12

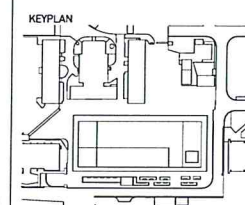
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SERVICES
STEENBEN VARMING
tel 02 9967 2200 fax 02 9967 2992
LVL 8, 9 CASTLEREAGH ST SYDNEY NSW 2000

HYDRAULIC AND FIRE SERVICES
WARREN SMITH & PARTNERS
tel 02 9299 1312 fax 02 9290 1295
LVL 1, 123 CLARENCE ST SYDNEY NSW 2000

PROJECT MANAGER
Capital Insight Pty Ltd
tel 02 9955 2300 fax 02 9955 5574
77 BERRY ST NORTH SYDNEY NSW 2060

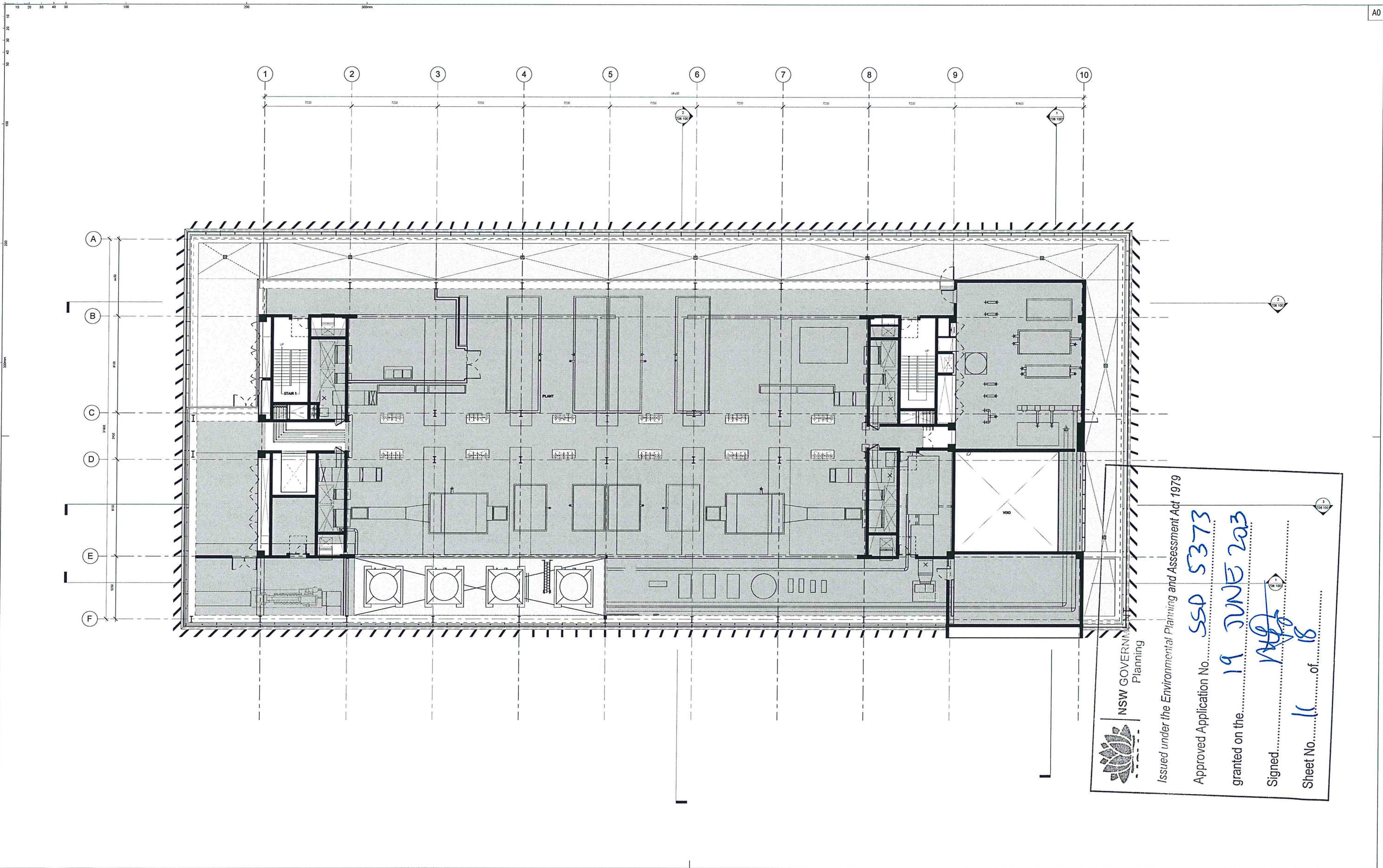
STRUCTURAL
TaylorThomsonWhitting
tel 02 9439 7288 fax 02 9439 3146
48 CHANDOS STREET ST LEONARDS NSW 2065



CLIENT
UNSW
THE UNIVERSITY OF NEW SOUTH WALES
PROJECT
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PROJECT NORTH
GRAPHIC SCALE
SCALE
1 : 100 at A0
STATUS
FOR INFORMATION ONLY
FIRST ISSUED
2012/2012
DO NO SCALE

DRAWING
**GENERAL
ARRANGEMENT PLAN -
LEVEL 7**
DRAWN BY
NJ
CHECKED
MJ
AUTHORISED
AM
PROJECT NO.
DWG NO.
ISSUE
T02 1010
7





NSW GOVERNMENT

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Approved Application No. SSD 5373

granted on the 19 JUNE 2013

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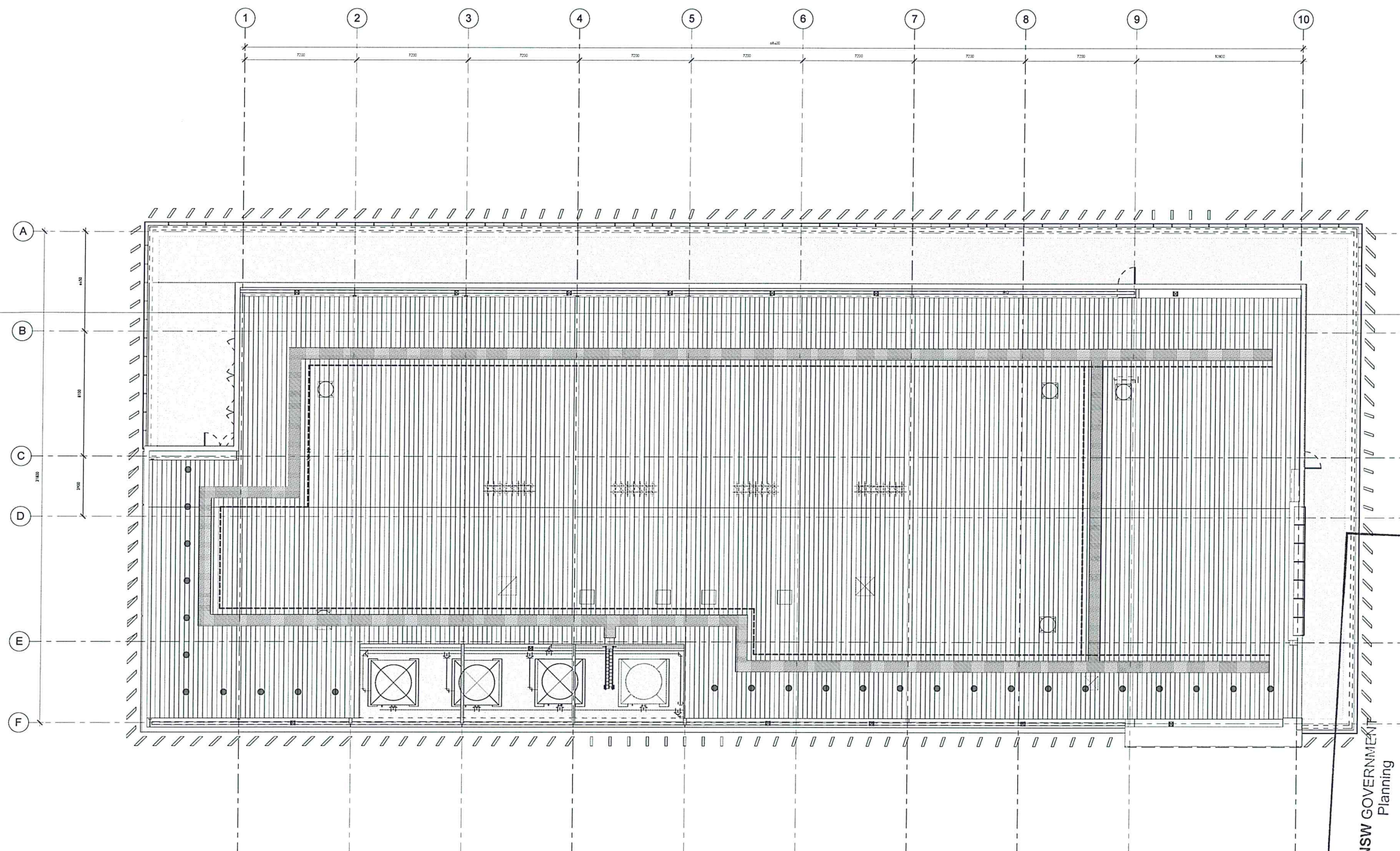
Sheet No. 11 of 18

GENERAL NOTES:

ROOF ACCESS AND MAINTENANCE
SHOWN INDICATIVELY ONLY.
CONTRACTOR TO PROVIDE FULL SHOP
DRAWINGS TO MEET ALL CURRENT STANDARDS.

LEGEND

- GANTRY WALKWAY
FALL ARREST SYSTEM
ANCHOR POINT



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Sheet No. **12** of **18**

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REV	DESCRIPTION	DATE
1	State Significant Development Application	25/10/12
2	State Significant Development Application Addendum	25/05/13

REV	DESCRIPTION	DATE
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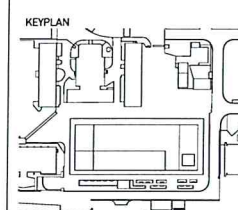
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PROJECT NORTH TRUE NORTH

GRAPHIC SCALE

SCALE 1:100 at A0

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DRAWING GENERAL ARRANGEMENT PLAN - LEVEL ROOF

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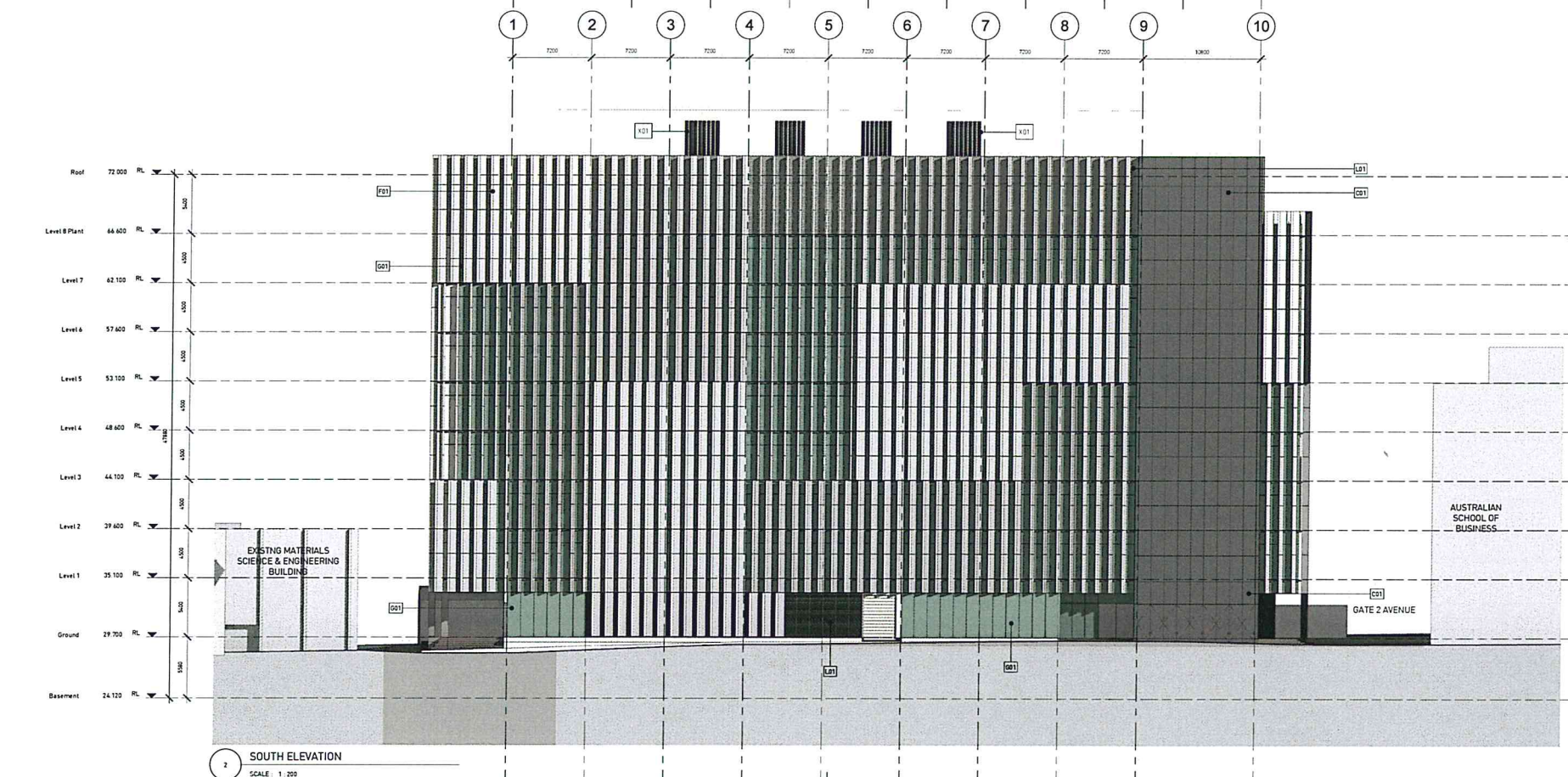
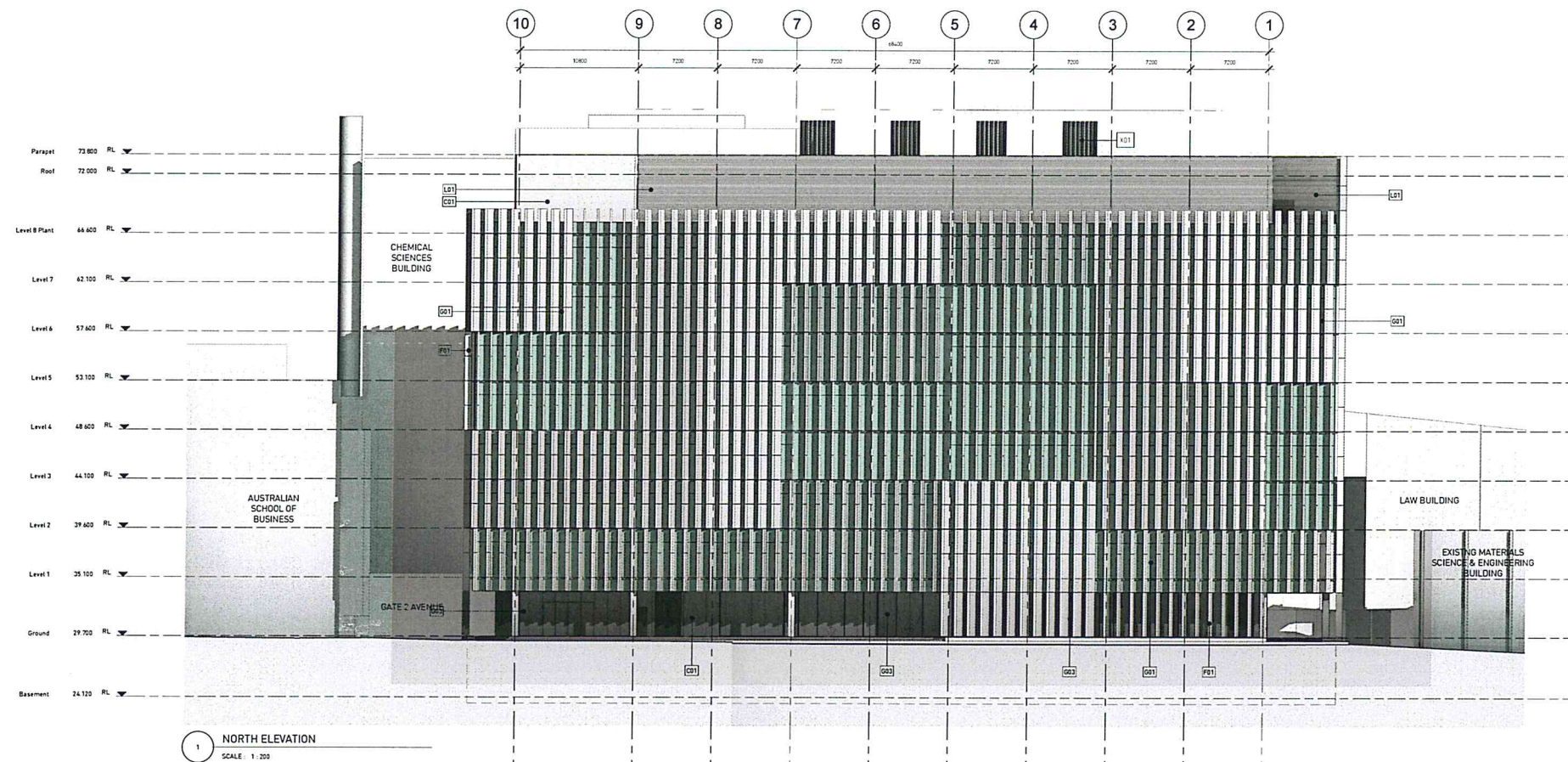
NJ MJ AM

PROJECT NO. DWG NO. ISSUE

T02 1013

2

EXTERNAL ENVELOPE FINISHES SCHEDULE	
C01	WHITE OFF-FORM CONCRETE CLASS 2
F01	VERTICAL SOLAR FING WHITE MASONRY FINISH
G01	UNITIZED CURTAIN WALL 'CLEAR' GLAZING WITH INTEGRATED SPANDREL
G02	SHOPFRONT SINGLE GLAZING 'CLEAR'
G03	SHOPFRONT SINGLE GLAZING 'FROSTED'
L01	ANODIZED ALUMINIUM HORIZONTAL LOUVER
X01	VERTICAL FUME CURB/GARD EXHAUST 'STAINLESS STEEL'



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REV	DESCRIPTION	DATE
1	Primary Issue	01/06/12
2	Planning/Preparation Issue	25/06/12
3	For Circulation	25/06/12
4	Final Planning Issue	25/06/12
5	State Significant Development Application	05/10/12
6	State Significant Development Application Addendum	22/03/13

REV	DESCRIPTION	DATE
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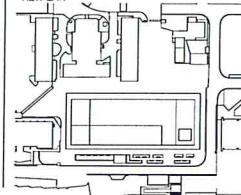
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KEYPLAN



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Materials Science and Engineering New Building

PROJECT NORTH TRUE NORTH

GRAPHIC SCALE

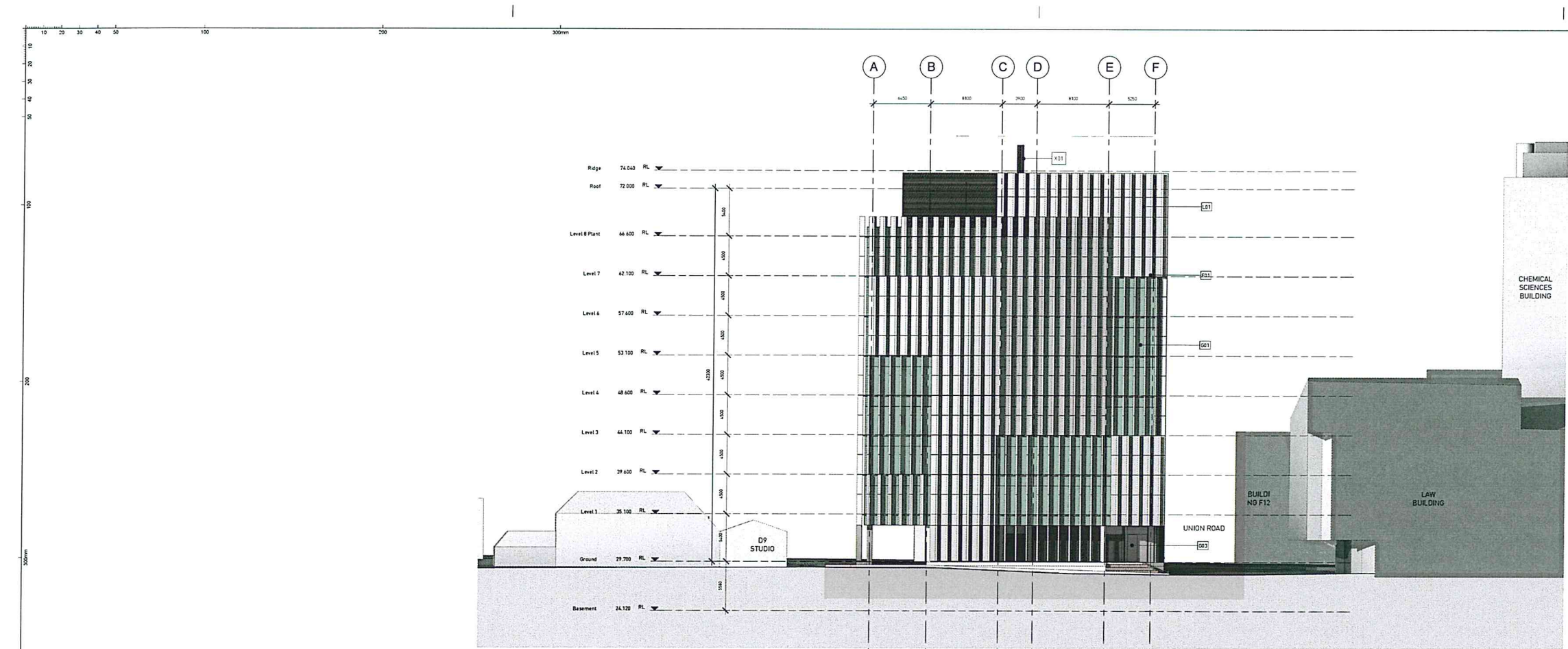
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STATUS
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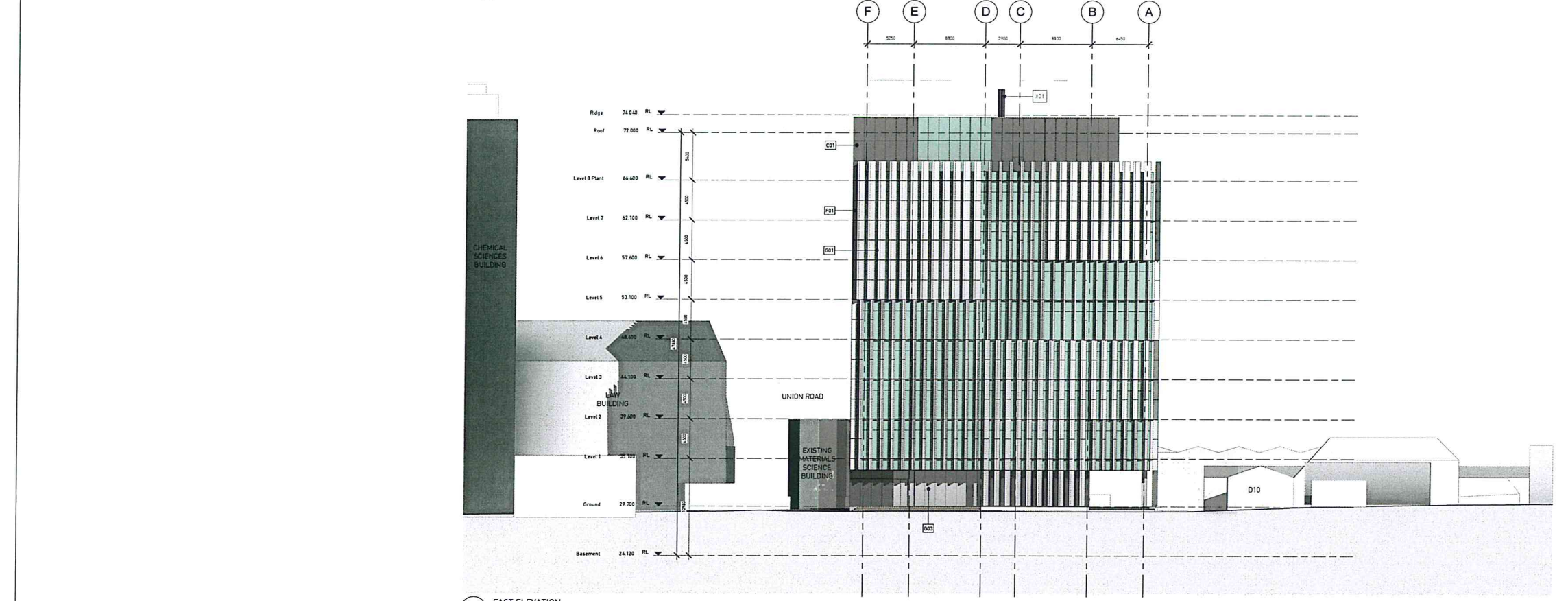
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DRAWN BY CHECKED AUTHORISED
NJ MJ AM

PROJECT NO. DWG NO. ISSUE
T05_1001 6



1 WEST ELEVATION
SCALE: 1:200



2 EAST ELEVATION
SCALE: 1:200

EXTERNAL ENVELOPE FINISHES SCHEDULE	
C01	WHITE OFF-FORM CONCRETE CLASS 2
F01	VERTICAL SOLAR FINS WHITE MASONRY FINISH
G01	UNITIZED CURTAIN WALL 'CLEAR' GLAZING WITH INTEGRATED SPANDREL
G02	SHOPFRONT SINGLE GLAZING 'CLEAR'
G03	SHOPFRONT SINGLE GLAZING 'FROSTED'
L01	ANODIZED ALUMINUM HORIZONTAL LOUVRES
X01	VERTICAL FUME CUPBOARD EXHAUST STAINLESS STEEL

A0



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REV	DESCRIPTION	DATE
1	Preliminary Issue	01/06/12
2	Planning Refinement Issue	25/06/12
3	For Coordination	25/06/12
4	Final Planning Issue	25/06/12
5	State Significant Development Application	05/09/12
6	State Significant Development Application Addendum	22/03/13

REV	DESCRIPTION	DATE
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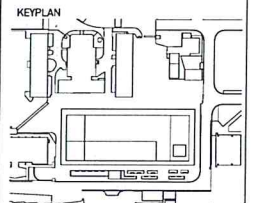
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PROJECT NORTH TRUE NORTH

GRAPHIC SCALE

SCALE As indicated at A0

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STATUS

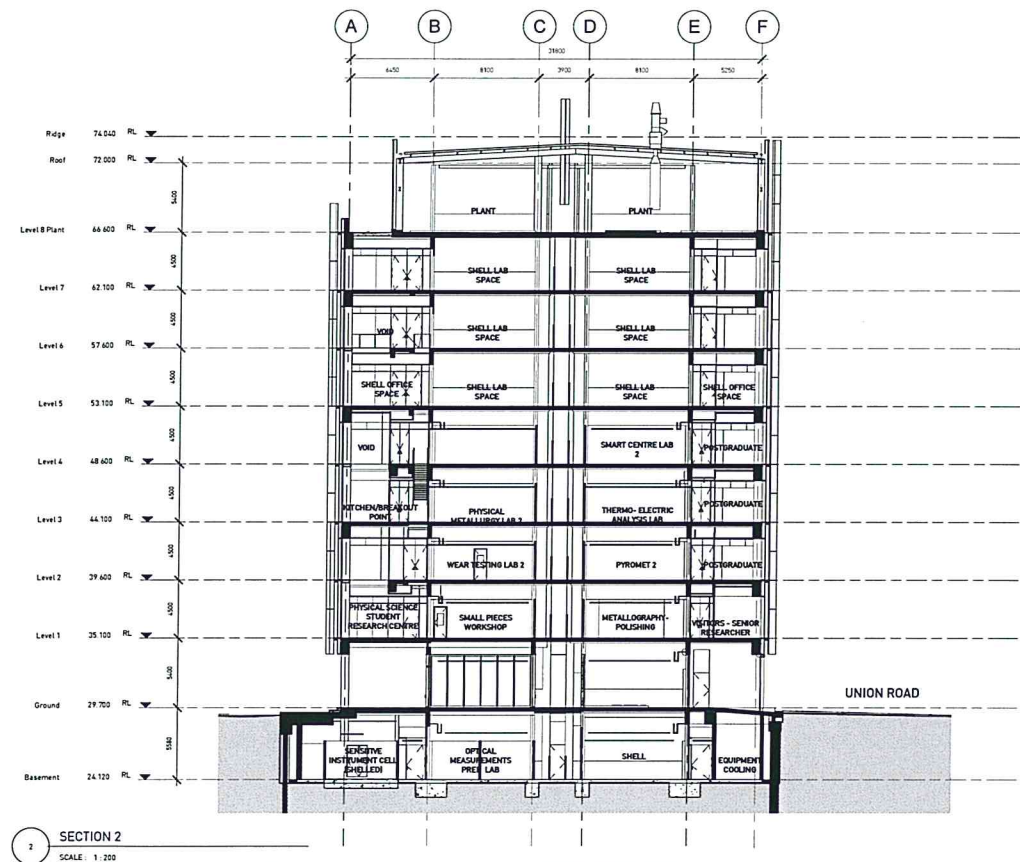
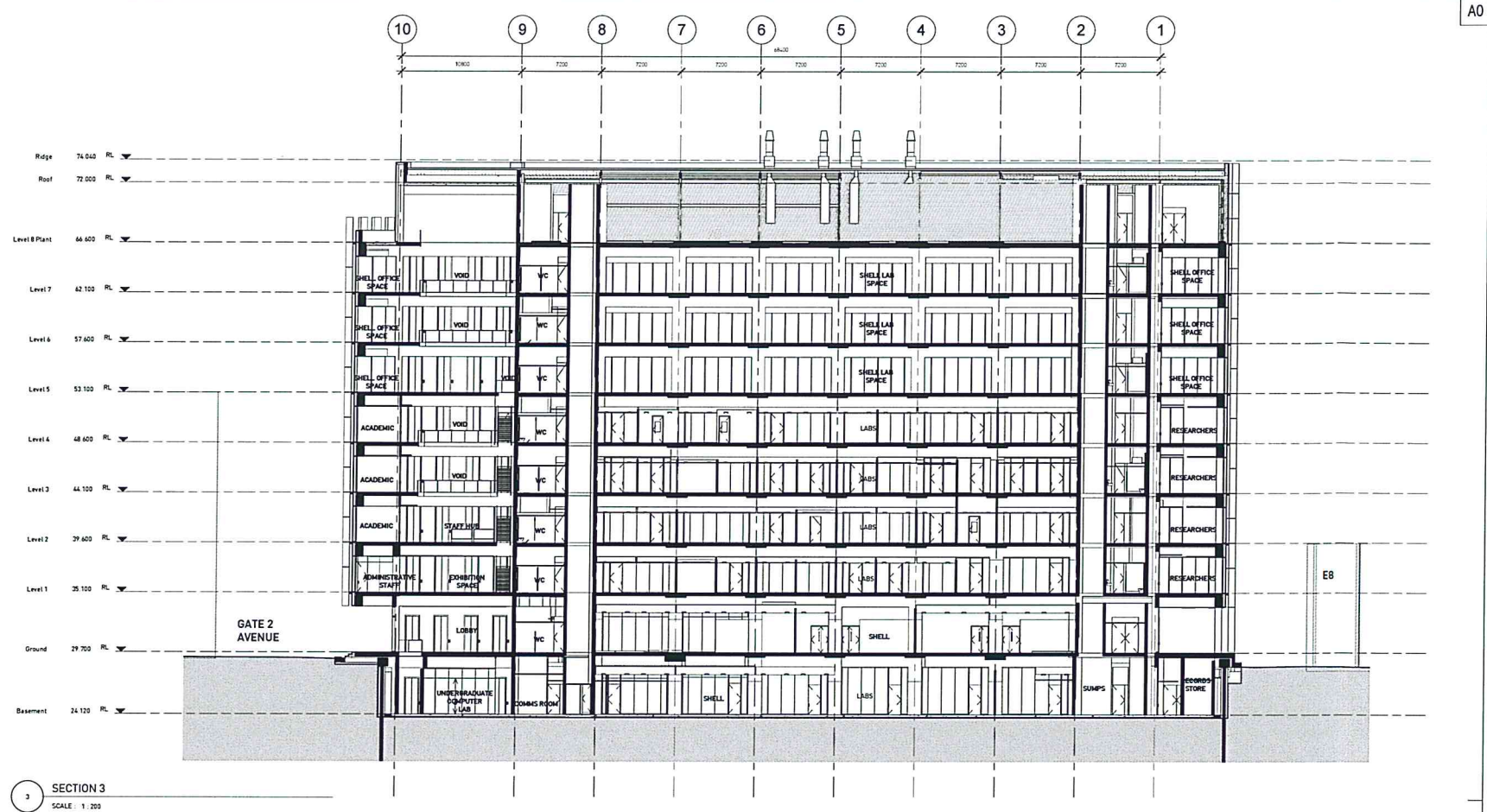
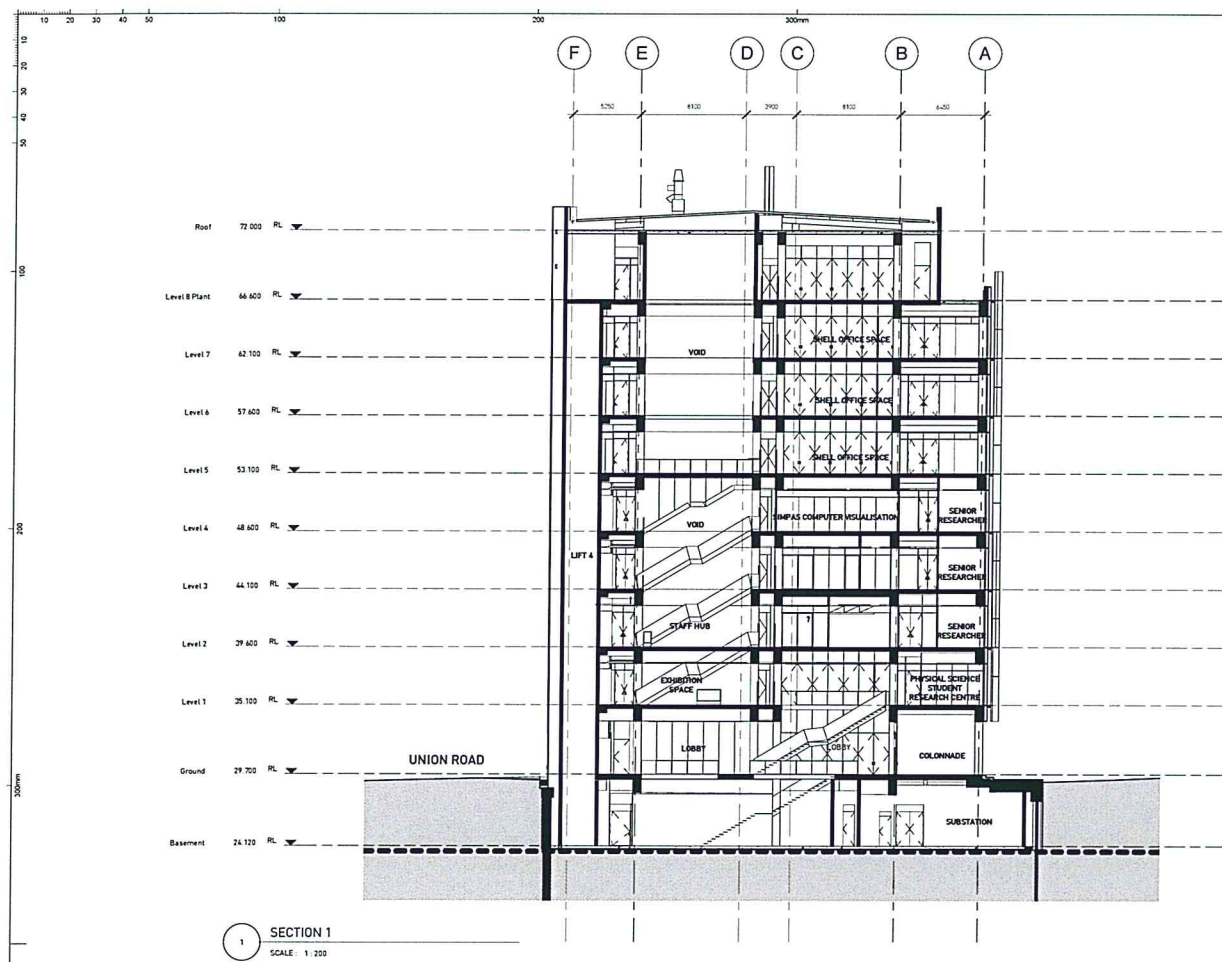
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DRAWING
PRIMARY ELEVATIONS

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6



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REV	DESCRIPTION	DATE
1	Primary Issue	21/06/12
2	Planning Department Issue	25/06/12
3	For Construction	23/06/12
4	Small Planning Issue	25/06/12
5	State Significant Development Application	25/06/12
6	State Significant Development Application Addendum	25/06/12

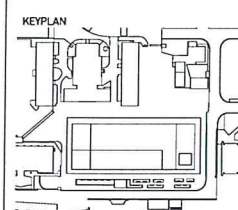
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GRAPHIC SCALE

SCALE 1:200 at A0

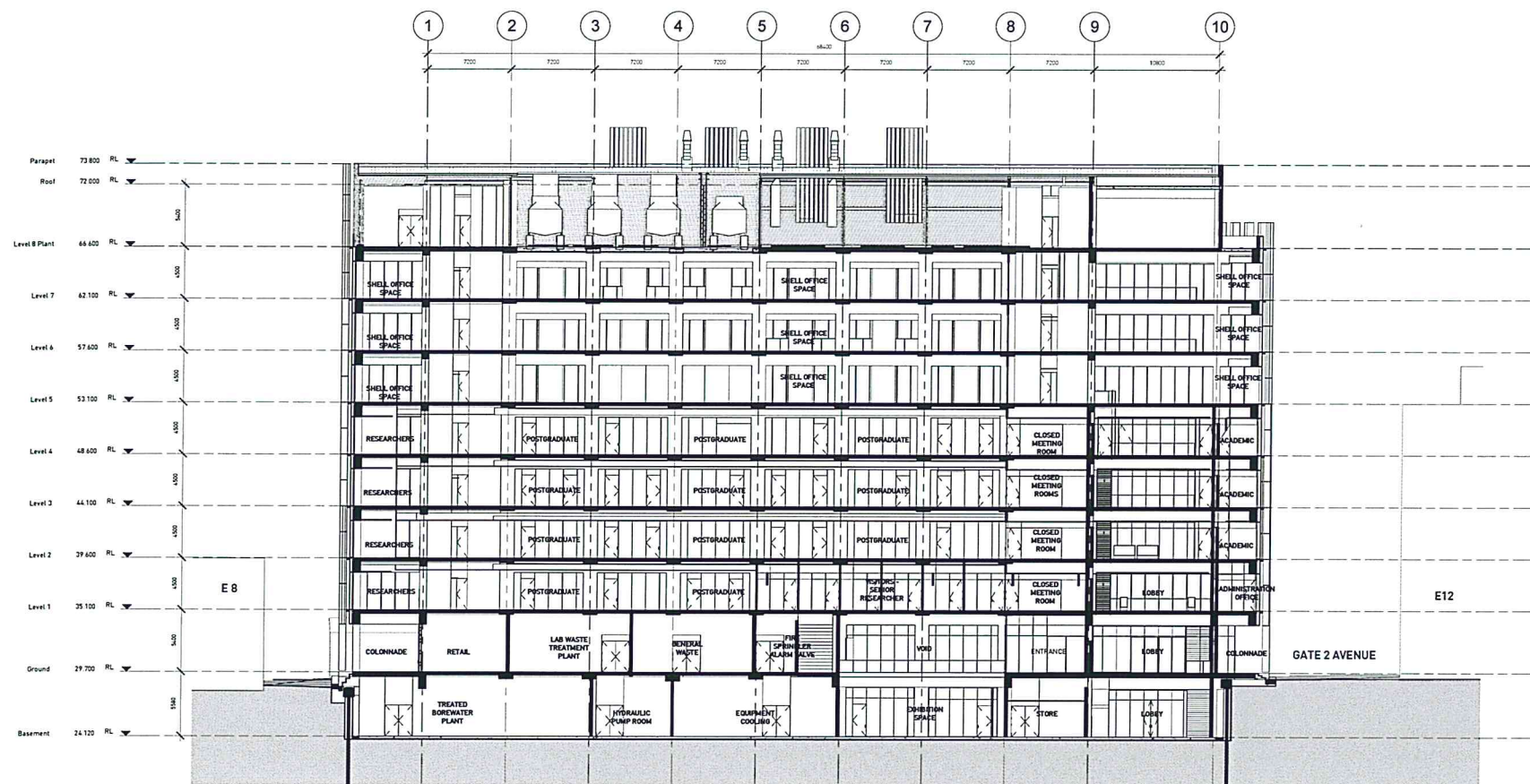
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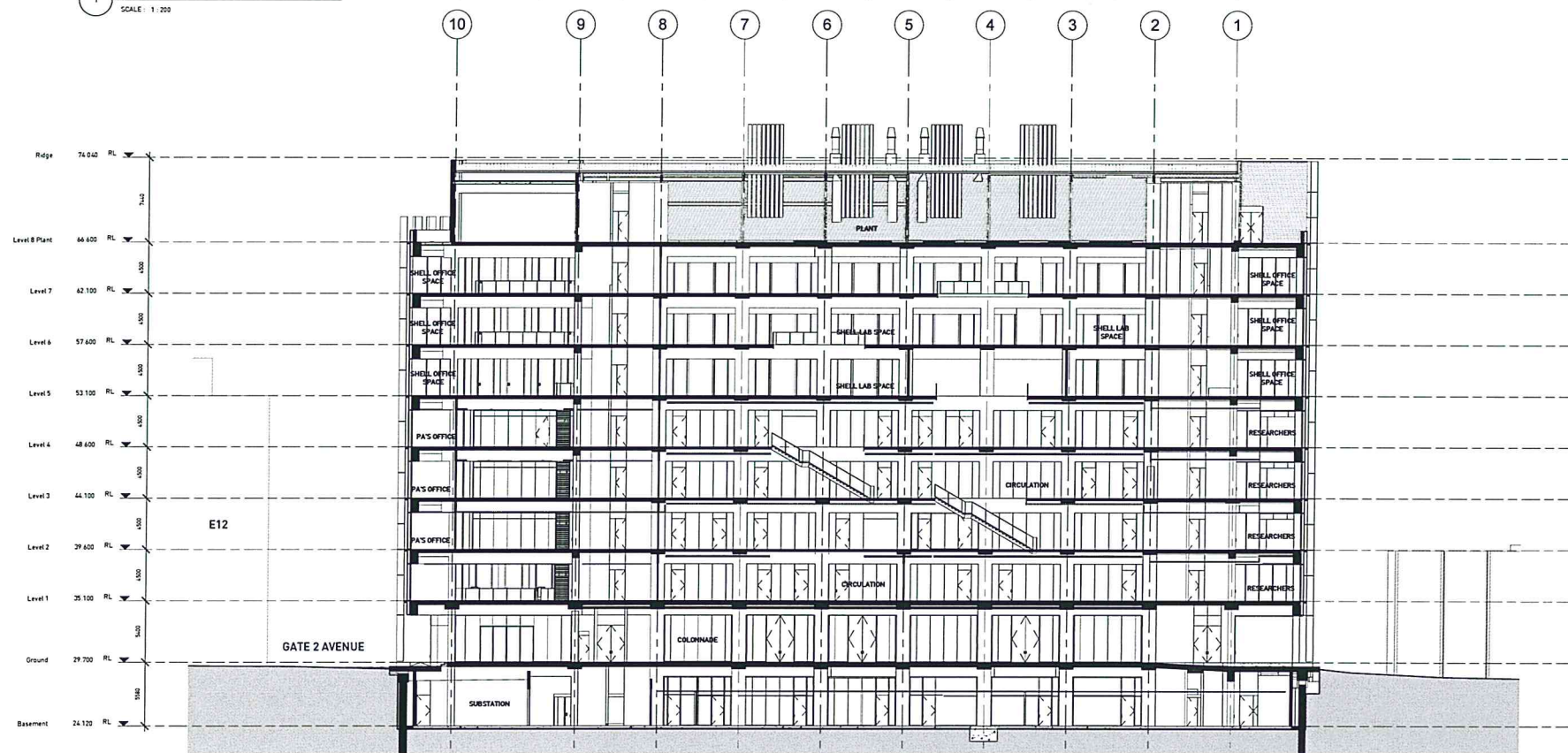
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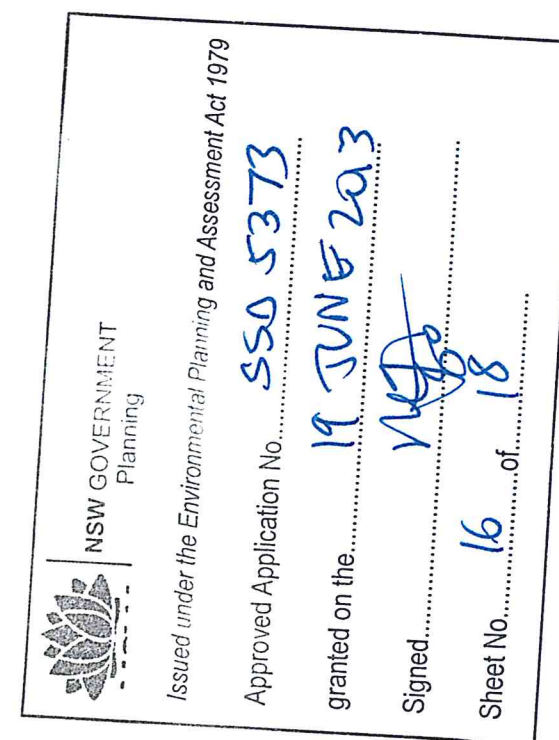
PROJECT NO. DWG NO. ISSUE
T06 1001 6



1 SECTION 4
SCALE: 1:200



2 SECTION 5
SCALE: 1:200



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1	Preliminary Issue	21/05/12
2	Planning Preliminary Issue	22/05/12
3	For Coordination	23/05/12
4	Draft Planning Issue	23/05/12
5	Draft Planning Issue	23/05/12
6	Draft Planning Issue	23/05/12
7	Draft Planning Issue	23/05/12
8	Draft Planning Issue	23/05/12

REV	DESCRIPTION	DATE
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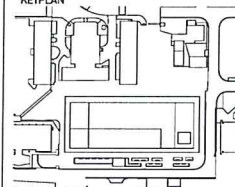
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GRAPHIC SCALE

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STATUS

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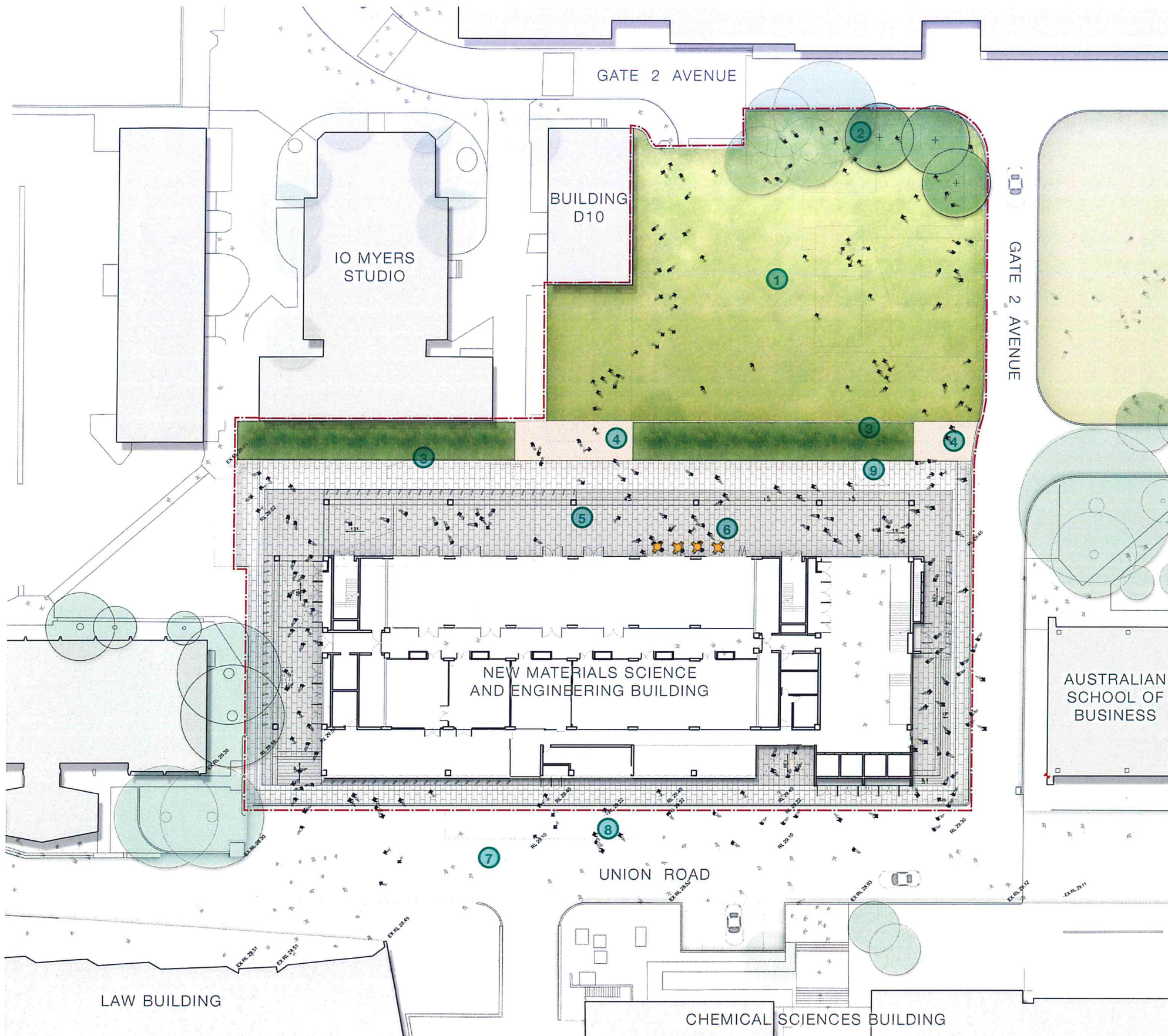
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NJ MJ AM

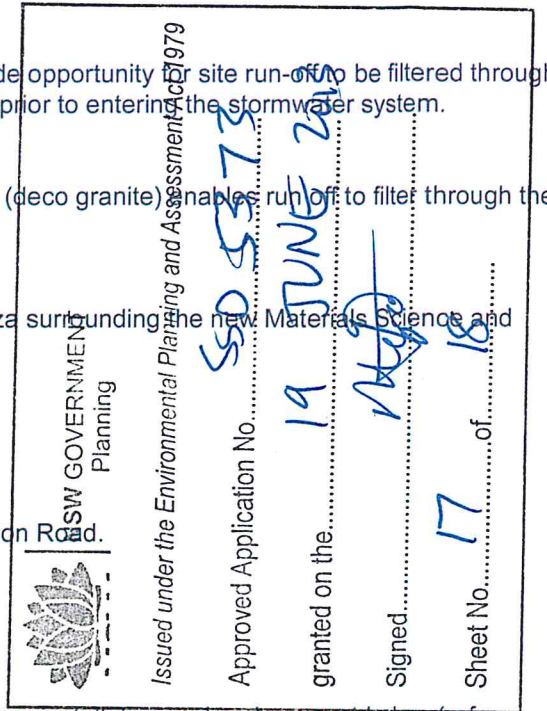
PROJECT NO. DWG NO. ISSUE

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Key

- 1 New open lawn servicing the future Alumni Park / College Green.
- 2 The stand of existing trees (*Melaleuca quinquenervia*) has been retained, and is supported with new mature plantings of *Eucalyptus microcorys*, providing shade and amenity.
- 3 North facing bioswales provide opportunity for site run-off to be filtered through native understorey plantings prior to entering the stormwater system.
- 4 Permeable ground treatment (deco granite) enables run off to filter through the site.
- 5 High quality, paved entry plaza surrounding the new Materials Science and Engineering Building.
- 6 Cafe spillout.
- 7 Proposed shared zone to Union Road.
- 8 Diesel remote filling point.
- 9 Hatch for substation transformer installation and replacement below (refer Architect's drawings).



Character Precedents





Eucalyptus microcorys



Baloskian pallens



Carex appressa



Dianella 'Breeze'



Dianella caerulea



Dianella 'King Alfred'



Hardenbergia viola 'Meema'



Isolepis nodosa



Lomandra 'Katie Belles'



Lomandra tanika



Myoporum parvifolium 'Yareena'



Poa labillardieri

UNSW MATERIALS SCIENCES AND ENGINEERING BUILDING - INDICATIVE PLANT SCHEDULE			
BOTANIC NAME	COMMON NAME	SPACING	POT SIZE
TREE SPECIES			
Eucalyptus microcorys	Eucalypt	AS SHOWN	800L
BIOSWALE SPECIES			
Baloskian pallens 'Didgery Sticks'	Native Rush	400mm	150mm
Carex appressa	Tall Sedge	400mm	150mm
Dianella ' Breeze'	Breeze Flax Lily	400mm	150mm
Dianella caerulea	Flax Lily	400mm	150mm
Dianella 'King Alfred'	King Alfred Flax Lily	400mm	150mm
Hardenbergia violacea 'Meema'		400mm	150mm
Isolepis nodosa	Knobby Club Rush	400mm	150mm
Lomandra 'Katies Bells'	Katies Bells Lomandra	400mm	150mm
Lomandra tanika	Lomandra	400mm	150mm
Myoporum parvifolium 'Yareena'	Creeping Boobialla	400mm	150mm
Poa labillardieri	Tussock Grass	400mm	150mm



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