

GENERAL SPECIFICATION

PROPOSED REFURBISHMENT OF STEVENSON LIBRARY

THE SCOTS COLLEGE
29-53 VICTORIA RD
BELLEVUE HILL NSW 2023

DESIGN + CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING STANDARDS

GENERAL SPECIFICATION:

BCA 2016, Volume One

BUILDING CLASSIFICATION:

Class 9B

ALUMINIUM CONSTRUCTION:

BCA Clause B1.4(e)
AS/NZS 1664.1-1997
AS/NZE 1664.2-1997

METAL ROOFING:

BCA Clause B1.4(j) + F1.5
AS/NZS 1562.1-1992

PARTICLEBOARD FLOORING INSULATION:

BCA Clause B1.4(k)
AS/NZS 1860.2-2006

COMBUSTIBILITY OF WALL + ROOF LININGS + ATTACHMENTS:

BCA Specification C1.1
BCA Specification C1.10

FIRE RATED SHAFT CONSTRUCTION:

BCA Specification C1.1

EXTERNAL WALL CONSTRUCTION FOR BUILDINGS OF TYPE A OR B CONSTRUCTION - NON COMBUSTIBLE:

BCA Specification C1.1

INTERNAL LOADBEARING WALL CONSTRUCTION FOR BUILDINGS OF TYPE A. CONSTRUCTION - NON COMBUSTIBLE:

BCA Specification C1.1

CONSTRUCTION OF WALLS HAVING AN FRL FOR INTEGRITY OR INSULATION:

BCA Specification C1.1

LIGHTWEIGHT FIRE RATED CONSTRUCTION:

BCA Clause 1.8
BCA Specification C1.8

FIRE HAZARD PROPERTIES OF BUILDING MATERIALS:

BCA Specification C1.10

FIRE DOORSETS TO FIRE WALLS:

BCA Clause C3.5
BCA Specification C3.4
AS 1905.1-2005

AUTOMATIC CLOSING OF FIRE DOORS:

BCA Clause C3.5
AS/NZS 1670.1-2004

FIRE DOORSETS TO FIRE EXITS:

BCA Clause C3.7, C3.8
BCA Specification C3.4
AS/NZS 1905.1-2005

SERVICE PENETRATIONS IN FIRE ISOLATED EXITS :

BCA Clause C3.9

SERVICE PENETRATIONS IN FIRE ISOLATED LIFT SHAFTS:

BCA Clause C3.10

FIRE RESISTANCE OF LIFT LANDING DOORS:

BCA Clause C3.10
AS/NZS 1735.11-1986

FIRE SEALING OF PENETRATIONS:

BCA Clause C3.12, C3.13
BCA Specification C3.15

FIRE SEALING OF CONSTRUCTION JOINTS:

BCA Clause C3.16

MAINTENANCE OF WIDTHS IN EXITS AND PATHS OF TRAVEL TO EXITS:

BCA Clause D1.6

PROTECTION OF OPENINGS ADJACENT TO EXIT DISCHARGE PATHWAYS:

BCA Clause D1.7

PROTECTION OF OPENINGS ADJACENT TO EXTERNAL EXITS:

BCA Clause D1.8

PLANT ROOM/LIFT MACHINE ROOM LADDER:

BCA Clause D1.16
AS 1657-1992

LIFT PIT ACCESS:

BCA Clause D1.17
AS 1657-1992

MATERIALS USED FOR NON FIRE ISOLATED EXIT CONSTRUCTION:

BCA Clause D2.3

INSTALLATIONS IN EXITS [ELECTRICAL DISTRIBUTION BOARDS]:

BCA Clause D2.7

FIRE SEPERATION OF ENCLOSURES BENEATH NON FIRE ISOLATED STAIRWAYS

BCA Clause D2.8

MAINTENANCE OF STAIRWAY + RAMP WIDTH:

BCA Clause D2.9

STAIRWAY CONFIGURATION:

BCA Clause D2.13

SLIP RESISTANCE OF PEDESTRIAN RAMPS + STAIRWAY:

BCA Clause D2.14
AS 1586-2013
HB198

BALUSTRADES + BARRIERS TO PREVENT FALLS:

BCA Clause D2.16

HANDRAILS:

BCA Clause D2.17
AS 1428.1-2009

FIXED PLATFORMS, WALKWAYS, STAIRWAYS + LADDERS:

BCA Clause D2.18
AS 1657-2003

DOORWAY CONFIGURATION:

BCA Clause D2.19 + D2.20

DOOR HARDWARE

BCA Clause D2.21

SIGNS TO FIREDOORS + EXIT DOORS:

BCA Clause D2.23

GENERAL BUILDING ACCESS REQUIREMENTS:

BCA Part D3
AS 1428.1-2009

SIGNAGE:

BCA Clause D3.6
Specification D3.6
AS 1428.1-2009

TACTILE INDICATORS:

BCA Clause D3.8
AS 1428.1-2009
AS/NZS 1428.4.1-2009

FIRE HYDRANT INSTALLATION:

BCA Clause E1.3
AS 2419-2005

FIRE HYDRANT + SPRINKLER BOOSTER ASSMBLY:

AS 2419-2005

FIRE HYDRANT + SPRINKLER BOOSTER PUMPS + PUMP ROOM:

AS 2419-2005

FIRE HOSE REELS:

BCA Clause E1/4
AS 2441-2005

SPRINKLER SYSTEM:

BCA Clause E1.5
BCA Specification E1.5
AS 2118-2009
AS 2118.4-2012

PORTABLE FIRE EXTINGUISHERS:

BCA Clause E1.6
AS 2444-2001

AUTOMATIC SMOKE DETECTION + ALARM SYSTEM:

BCA Specification E2.2a
AS/NZS 1668.1-2015
AS 1670.1-2004

ELECTRIC + ELECTROHYDRAULIC PASSENGER LIFT INSTALLATIONS:

BCA Specification E3.1

WARNING SIGNS:

BCA Clause E3.3

LIFT LANDINGS:

BCA Clause E3.5

LIFT TYPES:

BCA Table E3.6a

FEATURES FOR PEOPLE WITH DISABILITIES:

BCA Table E3.6b
AS 1735.12-1999

EMERGENCY LIGHTING:

BCA Clause E4.2 + E4.4
AS 2293.1-2005

EXIT SIGNS:

BCA Clause E4.5, E4.6, E4.8
AS 2293.1-2005

STORMWATER DRAINAGE:

AS/NZS 3500.3-2015

EXTERNAL ABOVE GROUND MEMBRANCES:

AS 4654.1-2012
AS 4564.2-2012

SARKING:

BCA Clause F1.6
AS/NZS 4200.1-1994
AS/NZS 4200.2-1994

WATERPROOFING OF WET AREAS:

BCA Clause F1.7
AS 3740-2010

FLOOR WASTE:

BCA Clause F1.11

SUBFLOOR VENTILATION:

BCA Clause F1.12

GLAZED ASSEMBLIES:

BCA Clause F1.13
AS 2047-1999

MEANS FOR SANITARY TOWEL DISPOSAL:

BCA Clause F2.3

SANITARY FACILITY FOR PEOPLE WITH DISABILITIES:

BCA Clause F2.4
AS 1428.1-2009

DOORWAYS TO FULLY ENCLOSED SANITARY COMPARTMENTS:

BCA Clause F2.5

CEILING HEIGHTS:

BCA Clause F3.1

PROVISION OF NATURAL LIGHT:

BCA Clause F4.1, F4.2, F4.3
AS 1680.0-2009

ARTIFICIAL LIGHTING:

BCA Clause F4.4
AS/NZS 1668.2-2012
AS/NZS 3666.1-2011

SANITARY FACILITY VENTILATION AND PRIVACY

BCA Clause F4.9

THERMAL CONSTRUCTION:

BCA Clause J1.2
AS 4859.1-2002

BUILDING SEALING:

BCA Clause J3

HOT WATER SUPPLY:

BCA Clause J7.2

ACCESS FOR MAINTENANCE:

NSW Clause J8.2



GENERAL NOTES
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Surveyors



CLIENT
STEVEN ADAMS
THE SCOTS COLLEGE

PROJECT
MAJOR ALTERATIONS + ADDITIONS TO
THE STEVENSON LIBRARY (SSD 8922)

ADDRESS
29-53 Victoria Rd
Bellevue Hill, NSW

DRAWING TITLE
GENERAL SPECIFICATION

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JC, CF, JW, ZW

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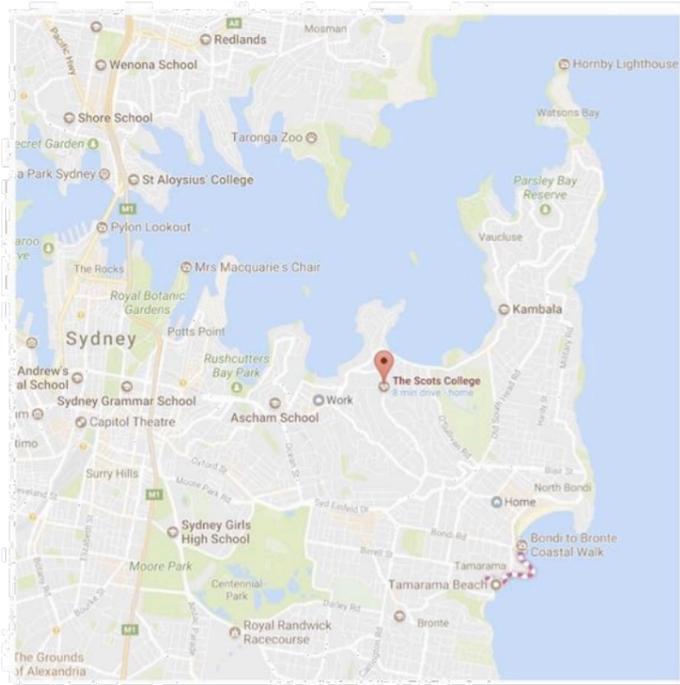
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1 Location Plan
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2 Site Area
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LOCATION PLAN

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Stevenson Library

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TSC OVAL VIEW NORTH

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1 TSC Existing Oval View North

Image courtesy of: Jock Swan
The Scots College



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 TSC OVAL VIEW WEST

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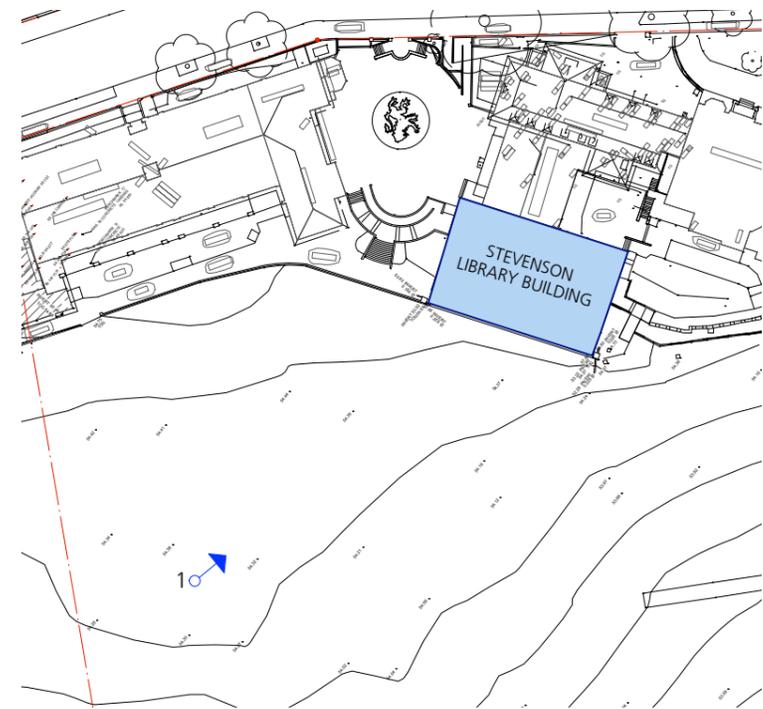
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1 TSC Existing Oval View West

Image courtesy of: Jock Swan
 The Scots College



1 Stevenson Library Oval (East) Elevation
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2 Photo Location Plan
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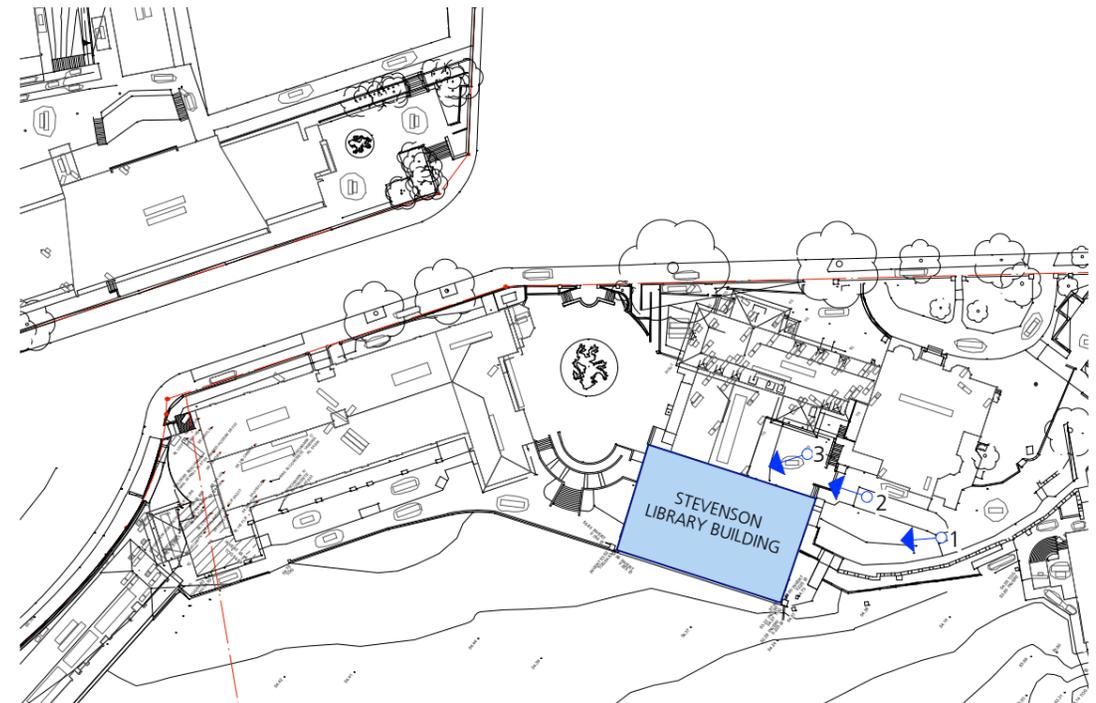
1 View 1: From Apsinall embankment



2 View 2: Courtyard to Borders Dining Hall



3 View 3: Library Entrance to Second Floor



4 Photo Location Plan
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 NORTH ELEVATION PHOTOS

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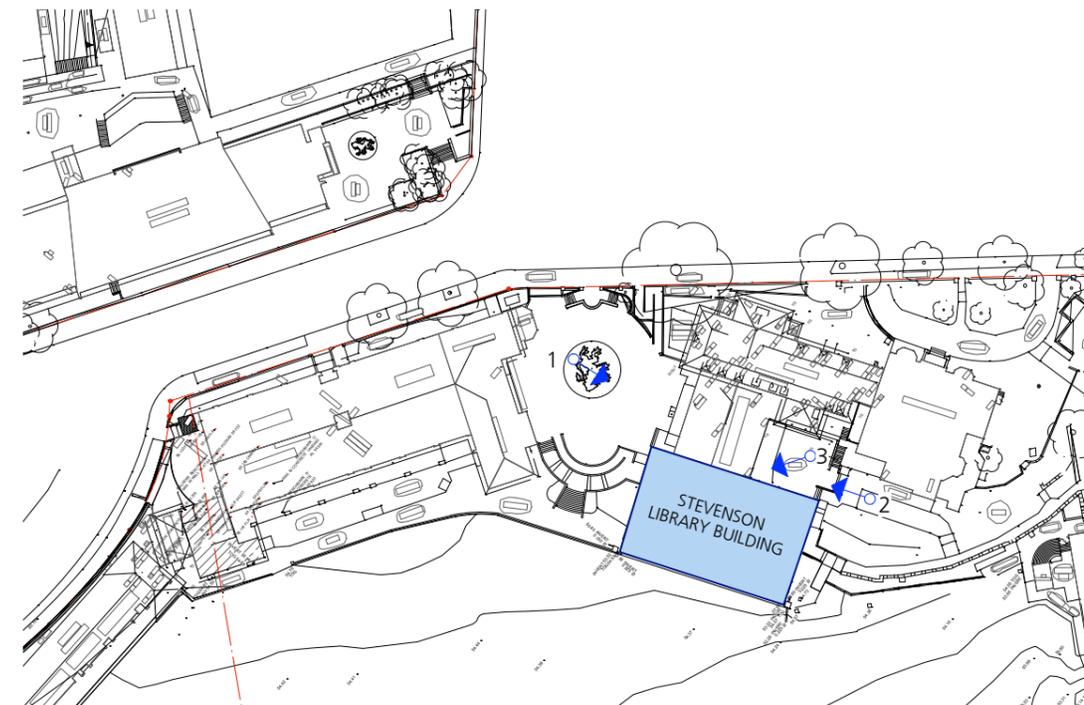
1 View 1: Quadrangle to Dining Hall + Library



2 View 2: View to Library + steps down to oval



3 View 3: Detail view



4 Photo Location Plan
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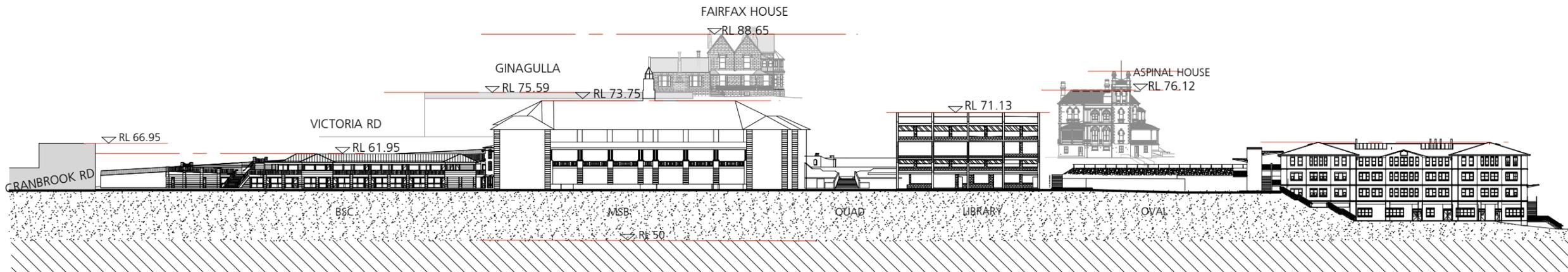
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1 Existing Oval / East Elevation Context
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EXG LONG OVAL ELEVATION

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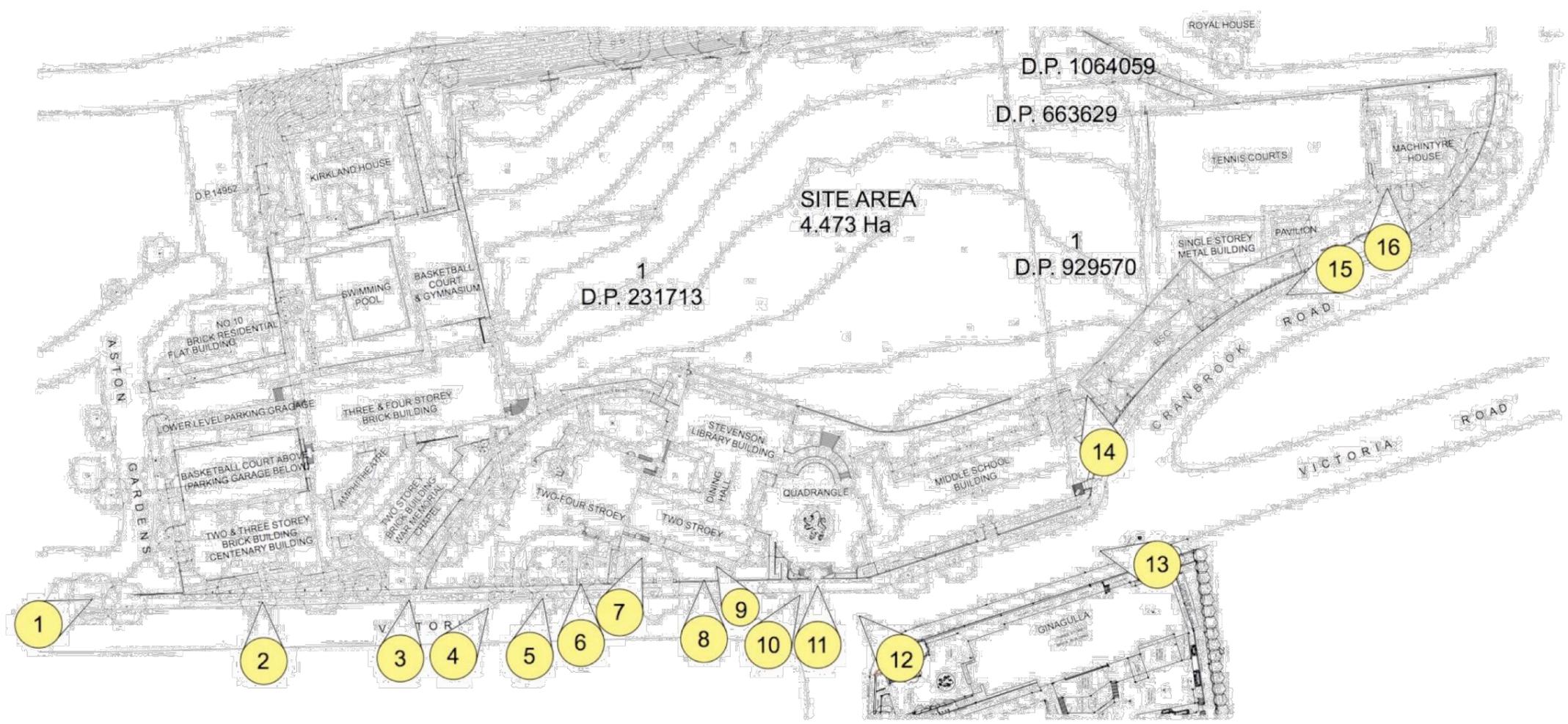
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1 TSC Site Photo Reference Plan
 Scale: 1:1500

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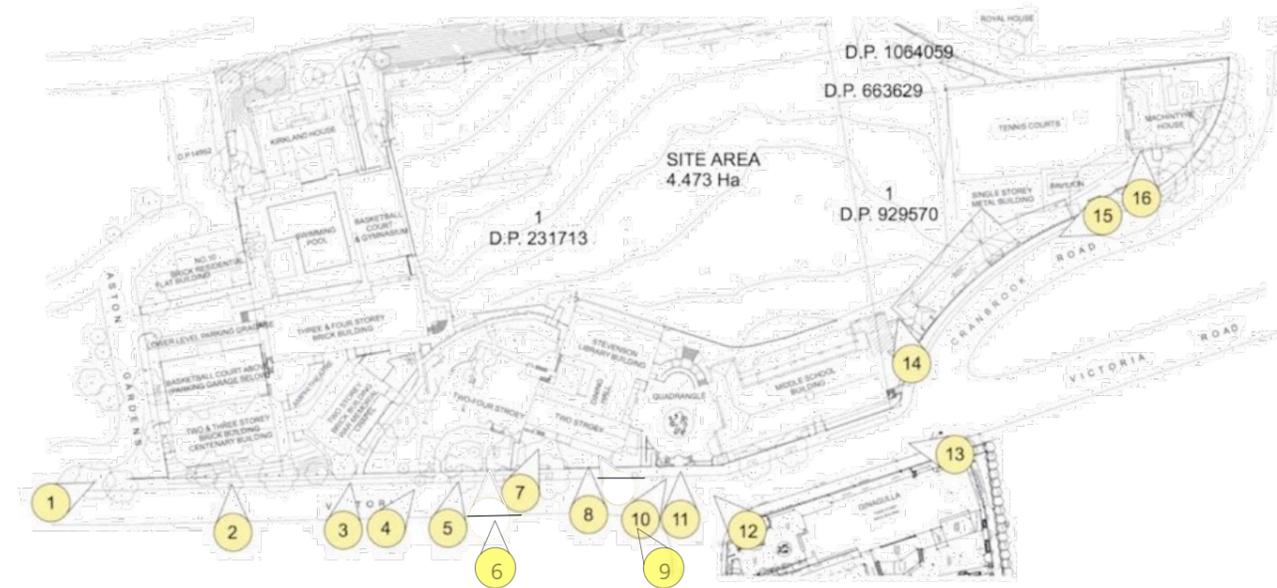
1 Photo 1



2 Photo 2



3 Photo 3



4 Photo Location Plan
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