TSC PROPOSED REFURBISHMENT OF THE STEVENSON LIBRARY
29-53 VICTORIA ROAD BELLEVUE HILL, NSW

STORMWATER AND EROSION AND SEDIMENT CONTROL PLANS

AUTHORITY:
- WOOLLAHRA COUNCIL DCP 2015
- NSW WORKCOVER

INSTALLATION STANDARDS AND CODES:
- NATIONAL CONSTRUCTION CODE VOLUME 3
- PLUMBING CODE OF AUSTRALIA 2016
- AS.3500.3
  STORMWATER DRAINAGE

NOTE:
ALL PLANS TO BE READ
IN CONJUNCTION WITH
JCL REPORT No 2017-T29

PLAN SCHEDULE

No.	TITLE
H01	TITLE PAGE AND LEGEND
H02	SITE STORMWATER AND OVERLAND FLOW
H03	STORMWATER DRAINAGE
H04	ROOF DRAINAGE PLAN
H05	EROSION AND SEDIMENT CONTROL PLAN
H06	OVERALL SITE PLAN OF STORMWATER MANAGEMENT

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Issue:	Description:	Date:
1	E.I.S. SUBMISSION	14-03-18

Project: PROPOSED REFURBISHMENT OF THE STEVENSON LIBRARY 29-53 VICTORIA ROAD BELLEVUE HILL, NSW
Drawing Title: TITLE PAGE AND LEGEND
Date: 14-03-18
Scale: NTS A1
Plan No. 1/6
Drawn By: MB
Design By: MB
Checked By:
Drawing No. 2017-T29B/H01
Issued For: E.I.S. SUBMISSION 1

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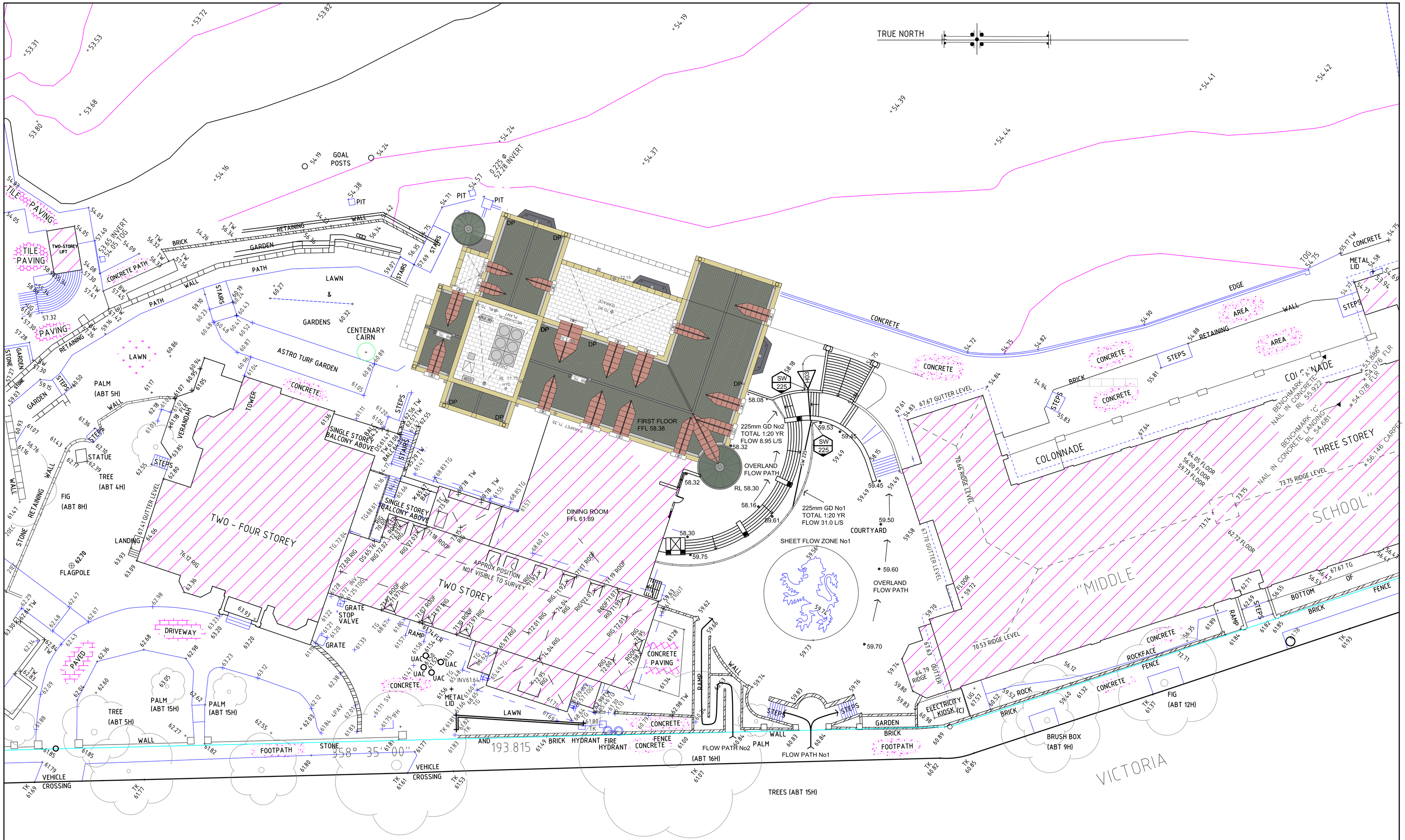

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1	E.I.S. SUBMISSION	14-03-18

Project: PROPOSED REFURBISHMENT OF THE STEVENSON LIBRARY 29-53 VICTORIA ROAD BELLEVUE HILL, NSW	Date: 14-03-18	Drawn By: MB	Drawing No. 2017-T29B/H02	JCL DEVELOPMENT SOLUTIONS
Drawing Title: SITE STORMWATER AND OVERLAND FLOW	Scale: 1:200 A1	Design By: MB	Issued For: E.I.S. SUBMISSION 1	
	Plan No. 2/6	Checked By:		

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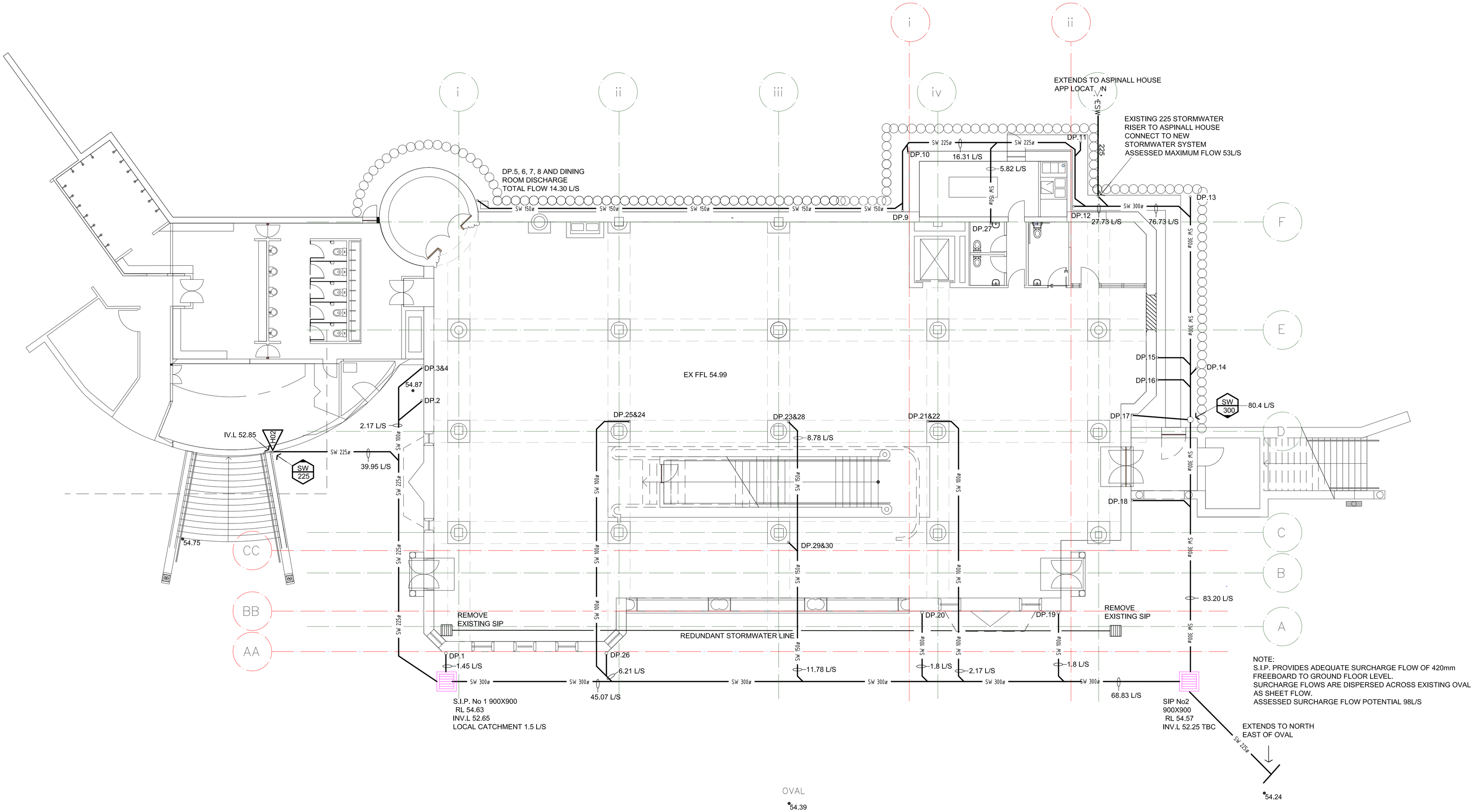

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1	E.I.S. SUBMISSION	14-03-18

Project: PROPOSED REFURBISHMENT OF THE STEVENSON LIBRARY 29-53 VICTORIA ROAD BELLEVUE HILL, NSW

Drawing Title: STORMWATER DRAINAGE WORKS

Date: 14-03-18 | Scale: 1:100 A1 | Plan No. 3/6

Drawn By: MB | Design By: MB | Checked By:

Drawing No. 2017-T29B/H03

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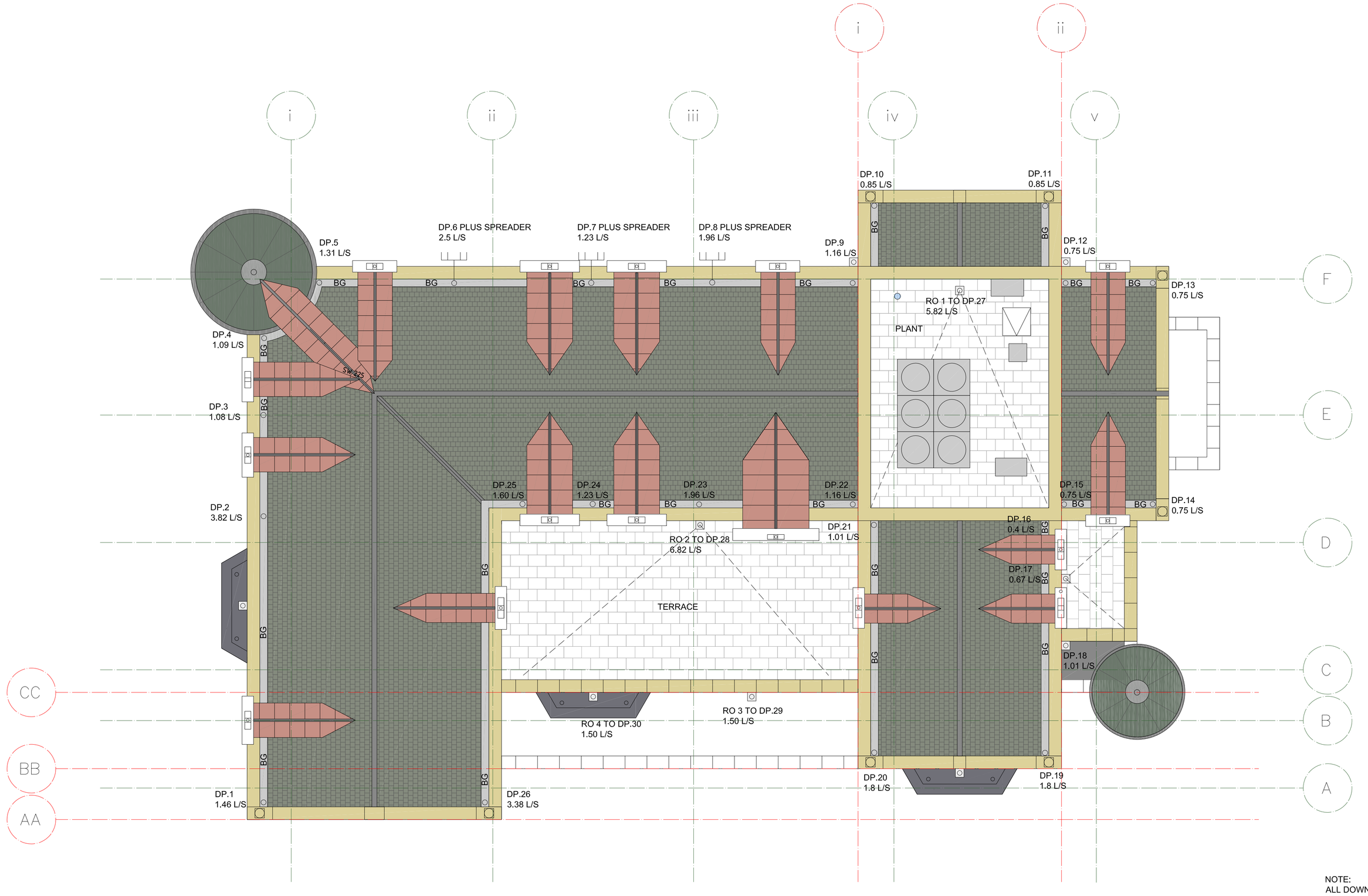

NOTE:
ALL DOWNPIPES 100mm DIA UNLESS SHOWN OTHER
DOWNPIPES 27 AND 28 150mm DIA.

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1	E.I.S. SUBMISSION	14-03-18

Project: PROPOSED REFURBISHMENT OF THE STEVENSON LIBRARY 29-53 VICTORIA ROAD BELLEVUE HILL, NSW

Drawing Title: ROOF DRAINAGE PLAN

Date: 14-03-18
Scale: 1:100 A1
Plan No. 4/6
Drawn By: MB
Design By: MB
Checked By:
Drawing No. 2017-T29B/H04
Issued For: E.I.S. SUBMISSION 1

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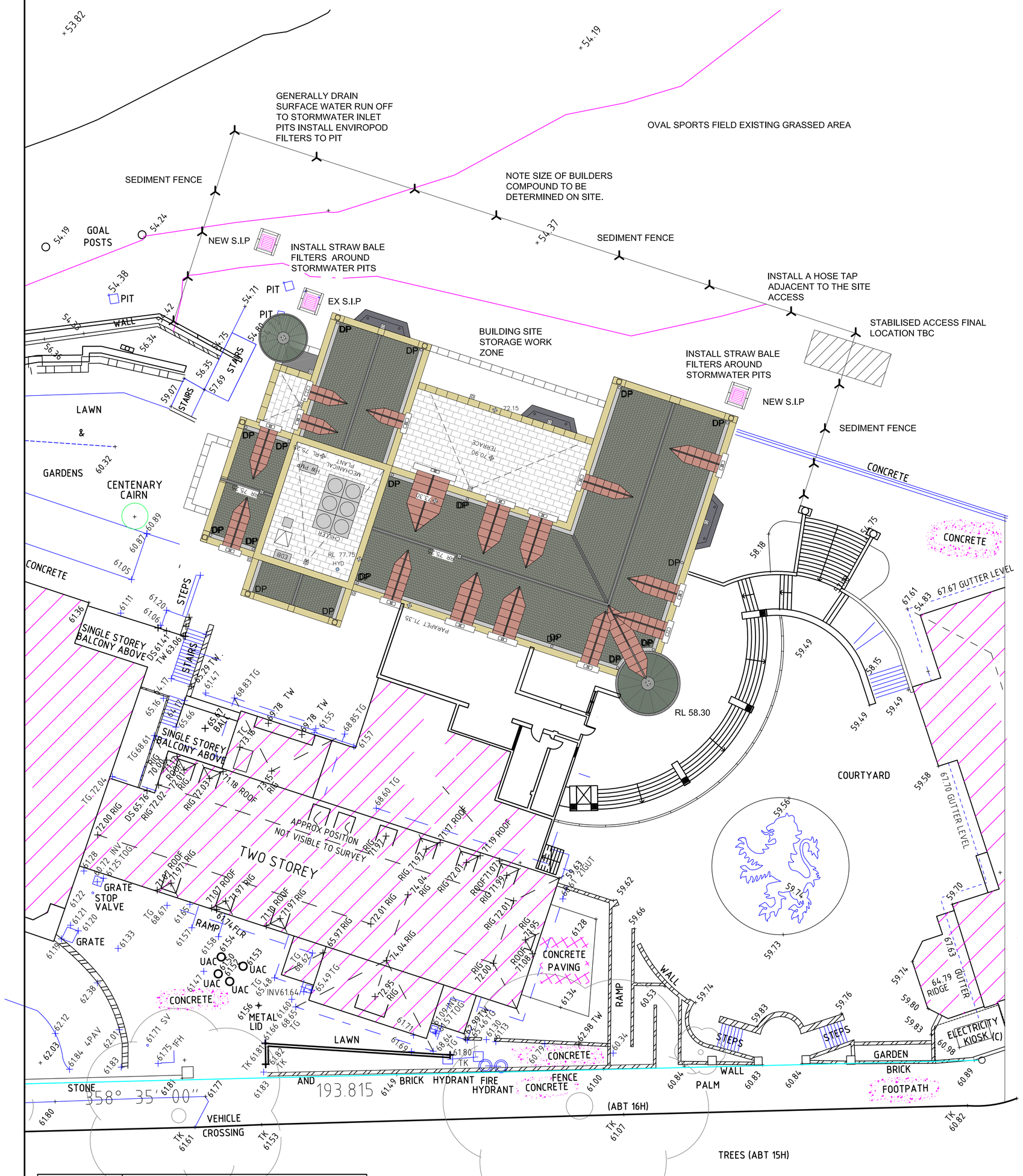
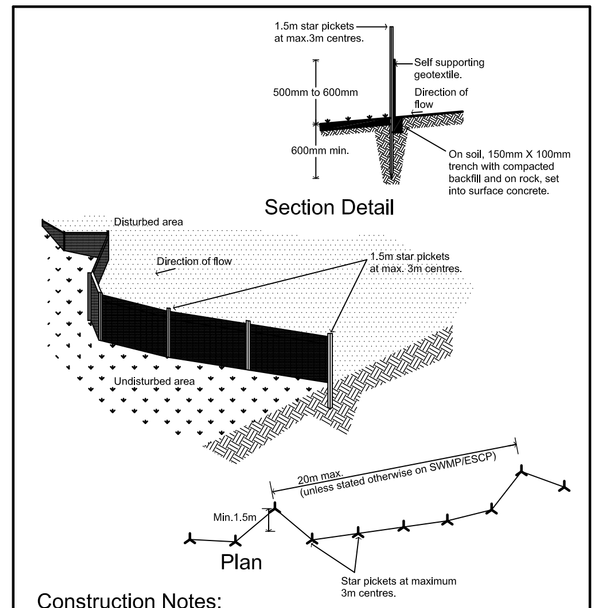
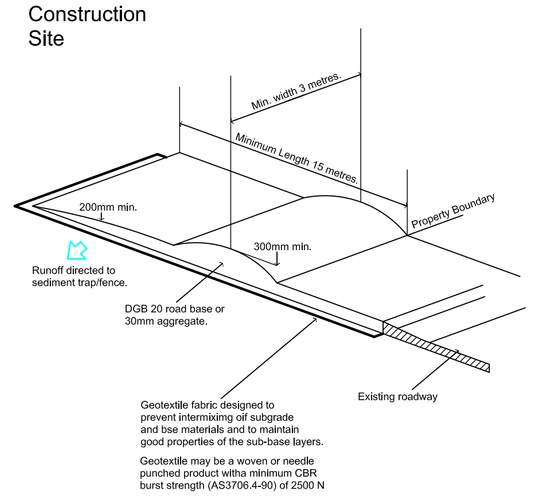




Construction Notes:

1. Construct sediment fence as close as possible to parallel to the contours of the site.
2. Drive 1.5 metre long star pickets into the ground, 3 metres apart.
3. Dig a 150mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
4. Back fill trench over base of fabric.
5. Fix self-support geotexile to upslope side of posts with wire or ties or as recommended by geotexile manufacturer.
6. Join sections of fabric at a support post with a 150mm overlap.

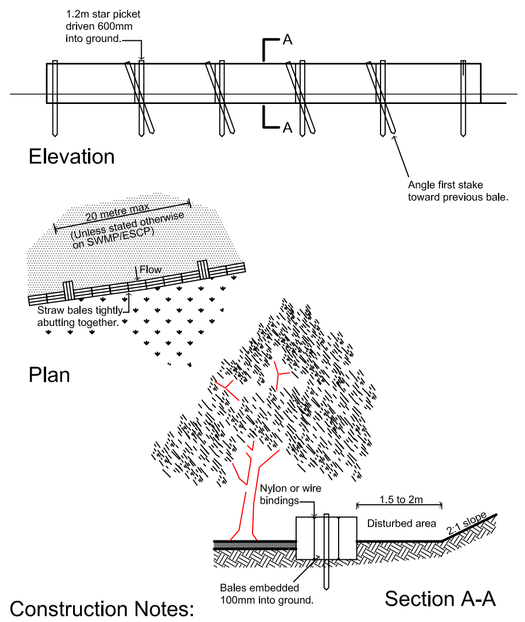
SEDIMENT FENCE



Construction Notes:

1. Strip topsoil and level site.
2. Compact subgrade.
3. Cover area and needle-punch geotextile.
4. Construct 200mm thick pad over geotextile using roadbase or 30mm aggregate. Minimum length 15 metres or to building alignment. Minimum width 3 metres.
5. Construct hump immediately within boundary to divert water to a sediment fence or other sediment trap.

STABILISED SITE ACCESS.



Construction Notes:

1. Construct straw bale filter as close as possible to parallel to the contours of the site or at the toe of a slope.
2. Place bales lengthwise in a row with ends tightly abutting. Use straw to fill any gaps between bales. Staws to be placed parallel to ground.
3. Maximum height of filter is one bale.
4. On soft materials, embedded each bale in the ground 75mm to 100mm and anchor with two 1.2 metre star pickets. Angle the first stake in each bale towards the previously laid bale. Drive stakes 600mm into the ground and flush with the top of the bales.
5. Where a straw bale filter is constructed downslope from a disturbed batter the bales should be located 1.5 to 2 metres downslope from the toe of the batter.

STRAW BALE FILTER

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1	E.I.S. SUBMISSION	14-03-18

Project: PROPOSED REFURBISHMENT OF THE STEVENSON LIBRARY 29-53 VICTORIA ROAD BELLEVUE HILL, NSW

Drawing Title: EROSION AND SEDIMENT CONTROL PLAN

Date: 14-03-18 | Scale: 1:200 A1 | Plan No. 5/6

Drawn By: MB | Design By: MB | Checked By:

Drawing No. 2017-T29B/H05

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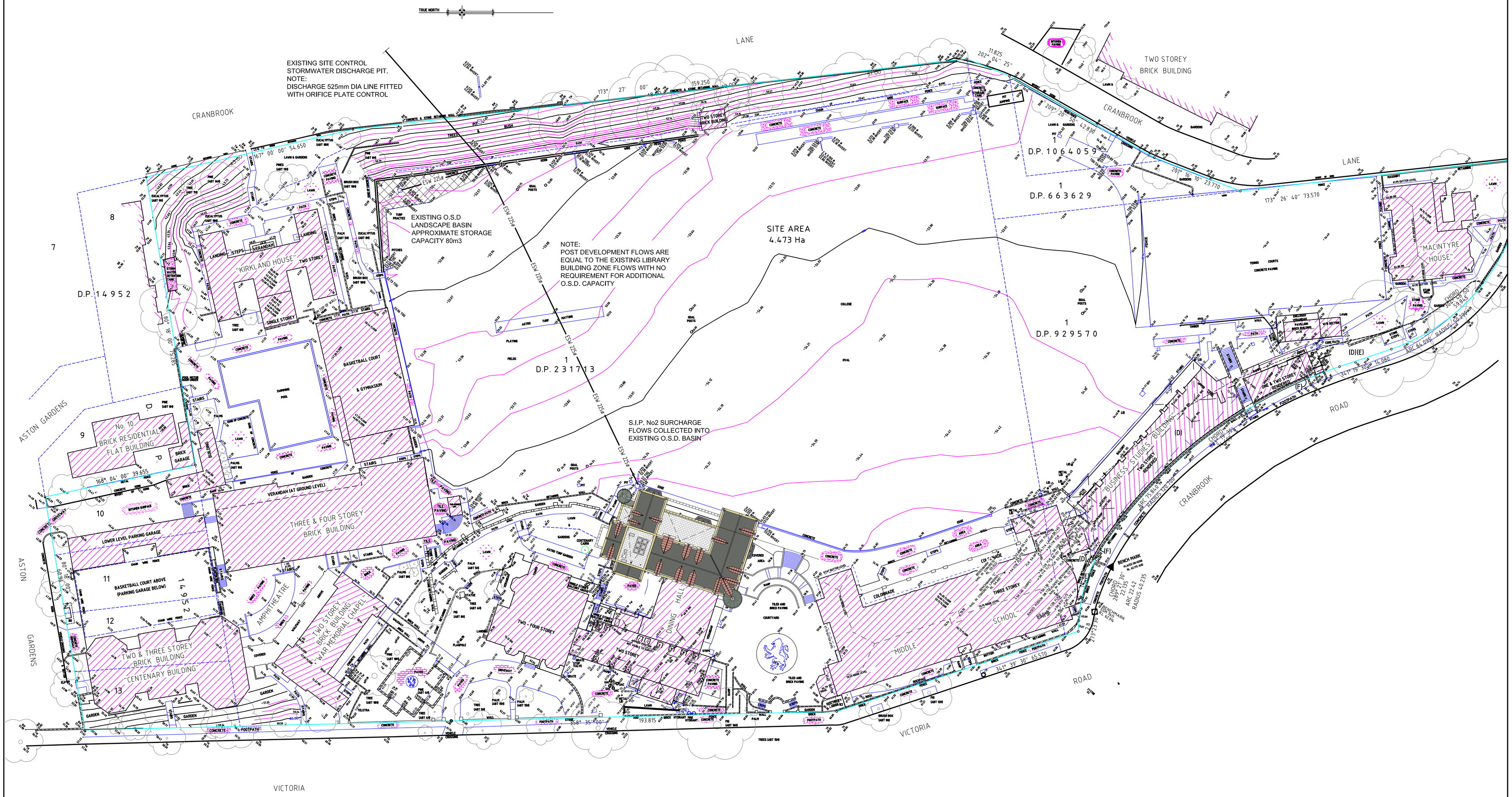

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Drawing Title: OVERALL SITE PLAN OF STORMWATER MANAGEMENT	Scale: 1:500 A1	Design By: MB	Issued For: E.I.S. SUBMISSION 1		North Point.
	Plan No. 6/6	Checked By:			