

2-6 HASSALL STREET, PARRAMATTA



LOCATION PLAN

HYDRAULIC LEGEND:

STORMWATER

STORMWATER DRAINAGE		SW
OVERFLOW		OF
SUB SOIL DRAINAGE		/

PUMPED SERVICES

PUMP DISCHARGE		PD
----------------	--	----

MISCELLANEOUS

ELECTRICAL		E
------------	--	---

SYMBOLS

	PIPE RISER
	PIPE DROPPER
	HEEL GUARD GRATED ACCESS COVER & FRAME
	GRATED ACCESS COVER & FRAME
	AIRTIGHT ACCESS COVER & FRAME
	GRATED DRAIN
	CONTROL PANEL
	REFER TO DRAWING DA##
	CONTINUED ON DRAWING No.
	RAINWATER OUTLET
	PLANTER DRAIN
	CLEAROUT
	INSPECTION OPENING
	OVERFLOW
	NON-RETURN VALVE
	SUMP DRAIN
	SERVICE PIPE SIZE

ABBREVIATIONS

AHD	AUSTRALIAN HEIGHT DATUM
EX	EXISTING
CP	CONTROL PANEL
CI	CAST IRON
CO	CLEAROUT
DN	DIMENSION NOMINAL
DP	DOWN PIPE
FFL	FINISHED FLOOR LEVEL
H/L	HIGH LEVEL
IL	INVERT LEVEL
KIP	KERB INLET PIT
L/L	LOW LEVEL
OF	OVERFLOW
OFG	OVERFLOW GULLY
PD	PLANTER DRAIN
RL	REDUCED LEVEL
RWO	RAINWATER OUTLET
SYP	SYPHONIC DRAINAGE
U/S	UNDERSIDE

DRAWING SCHEDULE

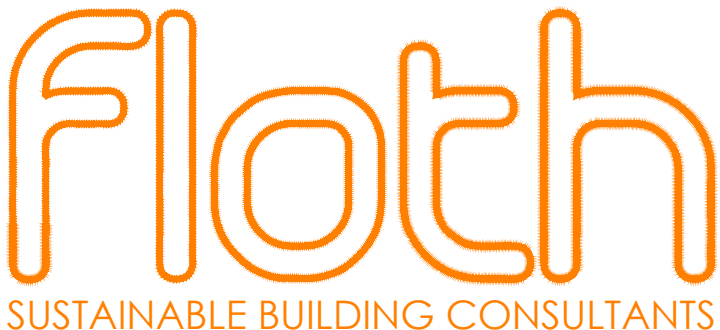
DRAWING NO.	DRAWING TITLE
DA-H01	LEGEND & DRAWING SCHEDULE
DA-H02	SITE PLAN
DA-H03	BASEMENT LEVEL STORMWATER SERVICES
DA-H04	GROUND LEVEL STORMWATER SERVICES
DA-H05	LEVEL 1 STORMWATER SERVICES
DA-H06	DETAIL SHEET 1
DA-H07	DETAIL SHEET 2

REVISION	DATE	DRN	CHD	DESCRIPTION
A	09.04.2019	DR	JB	SSDA ISSUE



Tzannes + BlightRayner
Suite 5, L5, 2-12 Foveux St
Surry Hills, NSW, 2010
Sydney, Australia
W: tzannes.com.au
T: 61 2 9319 3744
E: tzannes@tzannes.com.au

Level 2, 88 Creek St
Brisbane, Qld, 4000
W: blightrayner.com.au
T: 61 7 3905 6500
E: info@blightrayner.com.au



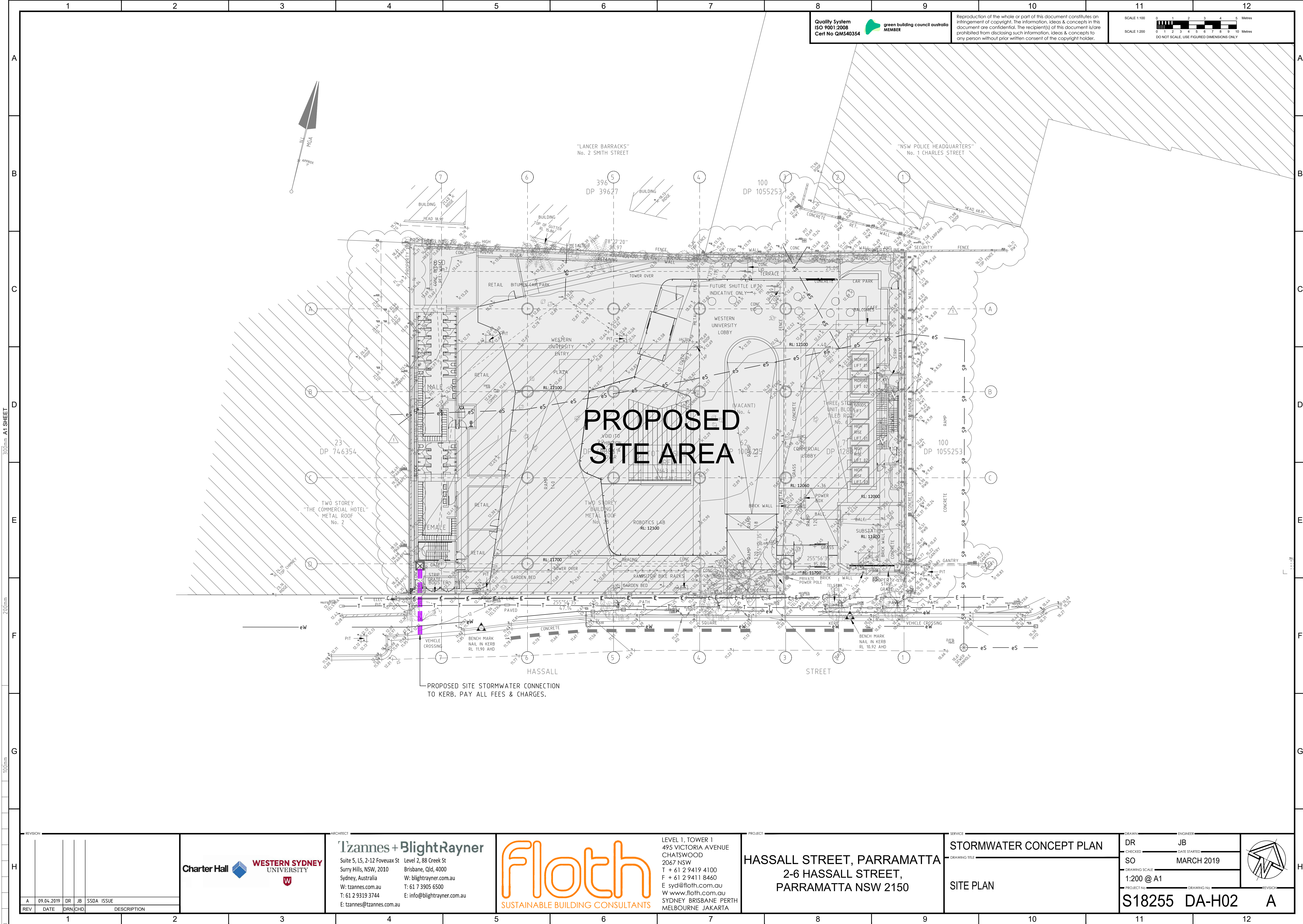
LEVEL 1, TOWER 1
495 VICTORIA AVENUE
CHATSWOOD
2067 NSW
T + 61 2 9419 4100
F + 61 2 9411 8460
E: syd@floath.com.au
W: www.floath.com.au
SYDNEY BRISBANE PERTH
MELBOURNE JAKARTA

HASSALL STREET, PARRAMATTA
2-6 HASSALL STREET,
PARRAMATTA NSW 2150

STORMWATER CONCEPT PLAN
LEGEND AND DRAWING SCHEDULE

DR	JB
CHECKED	DATE STARTED
SO	MARCH 2019
DRAWING SCALE	NTS @ A1
PROJECT NO	DRAWING NO
S18255	DA-H01
REVISION	A

G:\2018\18255 2-6 Hassall St Parramatta\Work\CAD\18255 DA-H02.dwg, A, 09/04/2019 10:54:57 AM, FLOTH P.L.D Roberts



REVISION				
REV	DATE	DRN	CHD	DESCRIPTION
A	09.04.2019	DR	JB	SSDA ISSUE

Suite 5, L5, 2-12 Foveux St
Surry Hills, NSW, 2010
Sydney, Australia
W: tzannes.com.au
T: 61 2 9319 3744
E: tzannes@tzannes.com.au

Level 2, 88 Creek St
Brisbane, Qld, 4000
W: blightrayner.com.au
T: 61 7 3905 6500
E: info@blightrayner.com.au

Tzannes + BlightRayner

LEVEL 1, TOWER 1
495 VICTORIA AVENUE
CHATSWOOD
2067 NSW
T + 61 2 9419 4100
F + 61 2 9411 8460
E: syd@floth.com.au
W: www.floth.com.au
SYDNEY BRISBANE PERTH
MELBOURNE JAKARTA

Floth

SUSTAINABLE BUILDING CONSULTANTS

PROJECT
HASSALL STREET, PARRAMATTA
2-6 HASSALL STREET,
PARRAMATTA NSW 2150

SERVICE
STORMWATER CONCEPT PLAN

DRAWING TITLE
SITE PLAN

DRAWN
DR

CHECKED
SO

DRAWING SCALE
1:200 @ A1

PROJECT NO
S18255 DA-H02

ENGINEER
JB

DATE STARTED
MARCH 2019

DRAWING NO

REVISION
A

REPRODUCTION OF THE WHOLE OR PART OF THIS DOCUMENT CONSTITUTES AN INFRINGEMENT OF COPYRIGHT. THE INFORMATION, IDEAS & CONCEPTS IN THIS DOCUMENT ARE CONFIDENTIAL. THE RECIPIENT(S) OF THIS DOCUMENT IS/ARE PROHIBITED FROM DISCLOSING SUCH INFORMATION, IDEAS & CONCEPTS TO ANY PERSON WITHOUT PRIOR WRITTEN CONSENT OF THE COPYRIGHT HOLDER.

SCALE 1:100
0 1 2 3 4 5 6 7 8 9 10 Metres

SCALE 1:200
0 1 2 3 4 5 6 7 8 9 10 Metres

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY

QUALITY SYSTEM
ISO 9001:2008
Cert No QMS40354

green building council australia
MEMBER

REVISION
A

PROJECT NO
S18255 DA-H02

DRAWN
DR

CHECKED
SO

DRAWING SCALE
1:200 @ A1

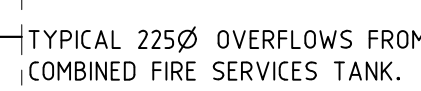
PROJECT NO
S18255 DA-H02

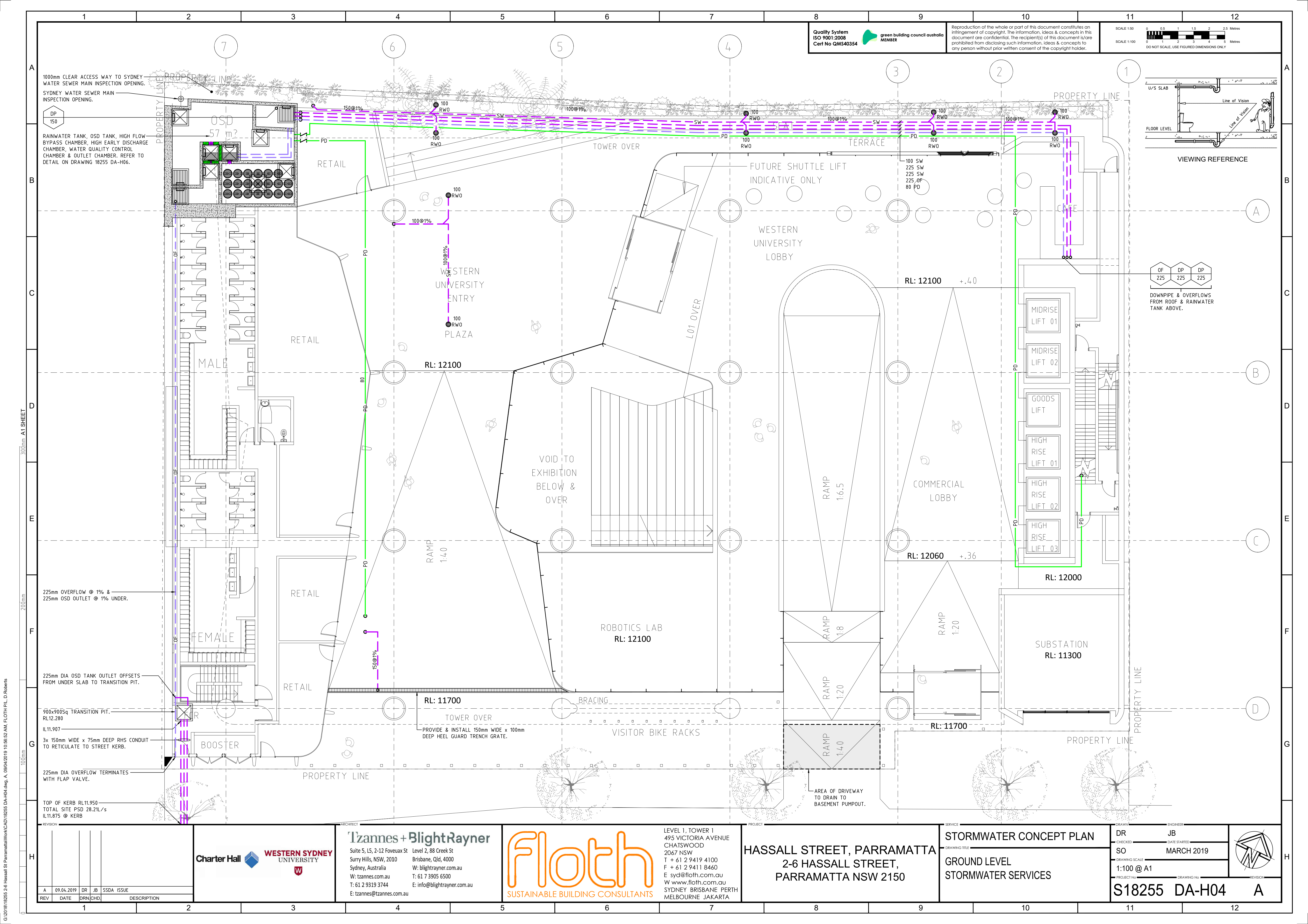
ENGINEER
JB

DATE STARTED
MARCH 2019

DRAWING NO

REVISION
A



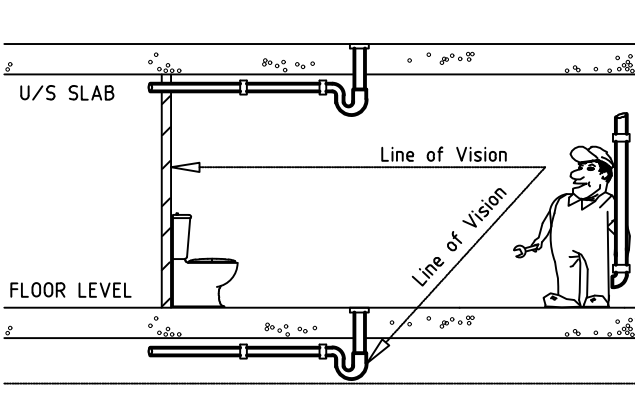


Quality System
ISO 9001:2008
Cert No QMS40354

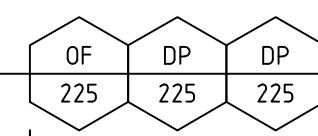


Reproduction of the whole or part of this document constitutes an infringement of copyright. The information, ideas & concepts in this document are confidential. The recipient(s) of this document is/are prohibited from disclosing such information, ideas & concepts to any person without prior written consent of the copyright holder.

SCALE 1:50
SCALE 1:100
DO NOT SCALE, USE FIGURED DIMENSIONS ONLY



VIEWING REFERENCE



DOWNPIPE & OVERFLOWS FROM ROOF & RAINWATER TANK ABOVE.

REV	DATE	DRN/CHD	DESCRIPTION
A	09.04.2019	DR JB	SSDA ISSUE

Charter Hall

WESTERN SYDNEY UNIVERSITY

Tzannes + BlightRayner

Suite 5, L5, 2-12 Foveaux St
Surry Hills, NSW, 2010
Sydney, Australia
W: tzannes.com.au
T: 61 2 9319 3744
E: tzannes@tzannes.com.au

Level 2, 88 Creek St
Brisbane, Qld, 4000
W: blighttrayner.com.au
T: 61 7 3905 6500
E: info@blighttrayner.com.au

FlOTH

SUSTAINABLE BUILDING CONSULTANTS

LEVEL 1, TOWER 1
495 VICTORIA AVENUE
CHATSWOOD
2067 NSW
T + 61 2 9419 4100
F + 61 2 9411 8460
E: syd@floth.com.au
W: www.floth.com.au
SYDNEY BRISBANE PERTH
MELBOURNE JAKARTA

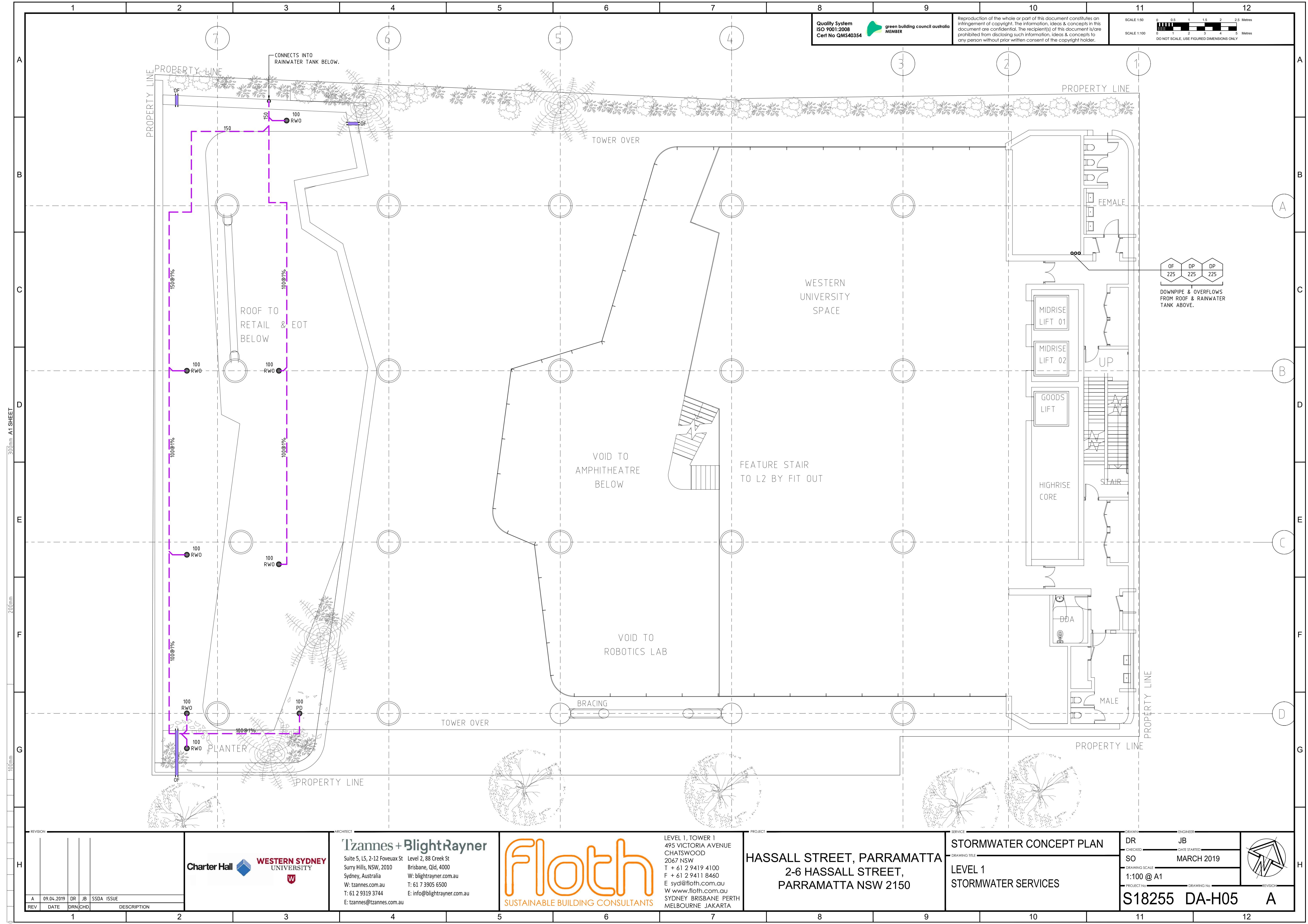
HASSALL STREET, PARRAMATTA
2-6 HASSALL STREET,
PARRAMATTA NSW 2150

STORMWATER CONCEPT PLAN

DRAWING TITLE
GROUND LEVEL STORMWATER SERVICES

DR JB
CHECKED SO
DATE STARTED
MARCH 2019
DRAWING SCALE
1:100 @ A1
PROJECT NO
DRAWING NO
REVISION

S18255 DA-H04
A



Quality System
ISO 9001:2008
Cert No QMS40354

green building council australia
MEMBER

Reproduction of the whole or part of this document constitutes an infringement of copyright. The information, ideas & concepts in this document are confidential. The recipient(s) of this document is/are prohibited from disclosing such information, ideas & concepts to any person without prior written consent of the copyright holder.

SCALE 1:50
0 0.5 1 1.5 2 2.5 Metres

SCALE 1:100
0 1 2 3 4 5 Metres

DO NOT SCALE, USE FIGURED DIMENSIONS ONLY

300mm A1 SHEET
200mm
100mm

REVISION					
REV	DATE	DRN	CHD	SSDA	ISSUE
A	09.04.2019	DR	JB	SSDA	ISSUE

Charter Hall

WESTERN SYDNEY
UNIVERSITY

Tzannes + BlightRayner
Suite 5, L5, 2-12 Foveaux St
Surry Hills, NSW, 2010
Sydney, Australia
W: tzannes.com.au
T: 61 2 9319 3744
E: tzannes@tzannes.com.au

Level 2, 88 Creek St
Brisbane, Qld, 4000
W: blightrayner.com.au
T: 61 7 3905 6500
E: info@blightrayner.com.au

Floath
SUSTAINABLE BUILDING CONSULTANTS

LEVEL 1, TOWER 1
495 VICTORIA AVENUE
CHATSWOOD
2067 NSW
T + 61 2 9419 4100
F + 61 2 9411 8460
E: syd@floath.com.au
W: www.floath.com.au
SYDNEY BRISBANE PERTH
MELBOURNE JAKARTA

PROJECT
HASSALL STREET, PARRAMATTA
2-6 HASSALL STREET,
PARRAMATTA NSW 2150

SERVICE
STORMWATER CONCEPT PLAN

DRAWING TITLE
LEVEL 1
STORMWATER SERVICES

DRAWN
DR

CHECKED
SO

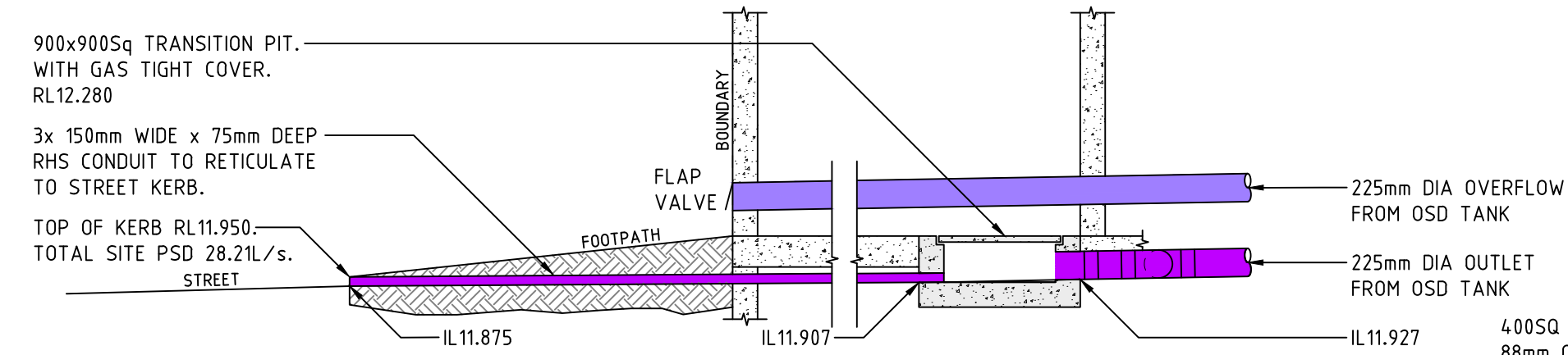
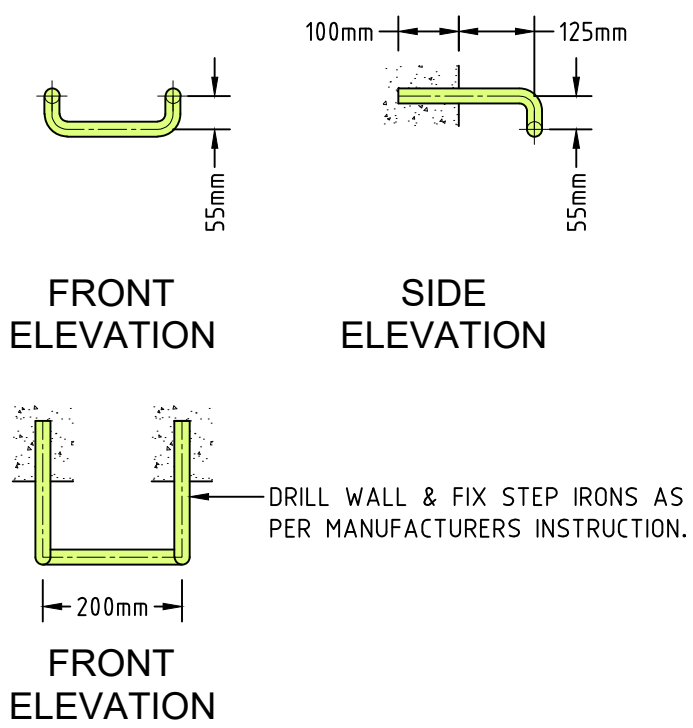
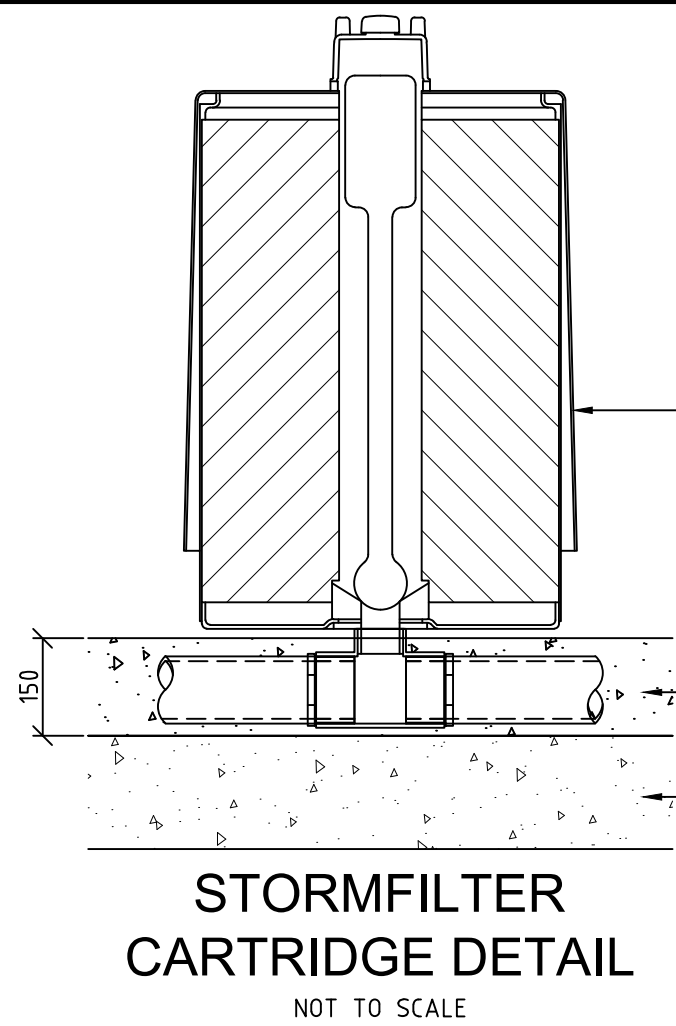
DRAWING SCALE
1:100 @ A1

PROJECT NO
S18255 DA-H05

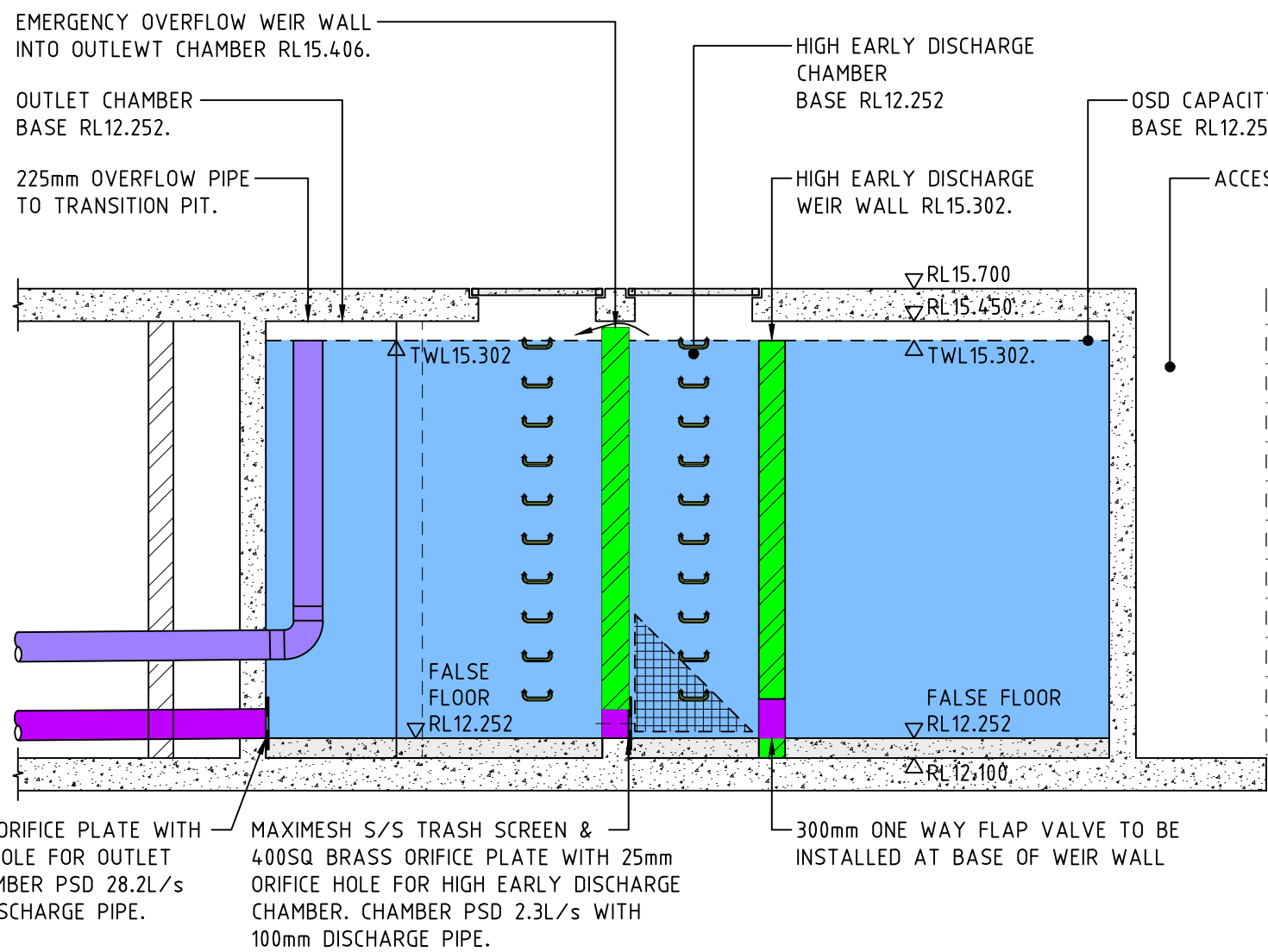
ENGINEER
JB

DATE STARTED
MARCH 2019

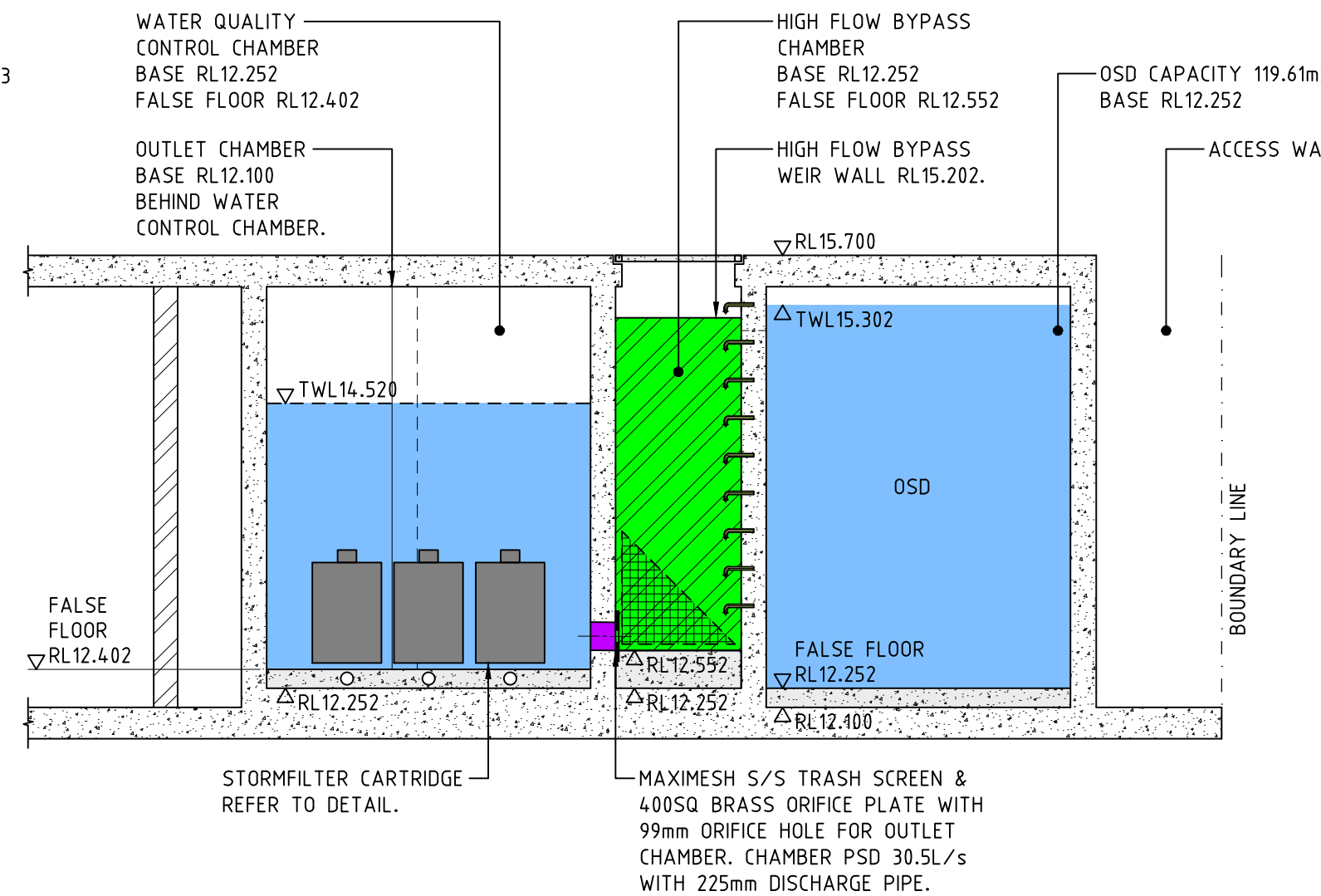
DRAWING NO
A



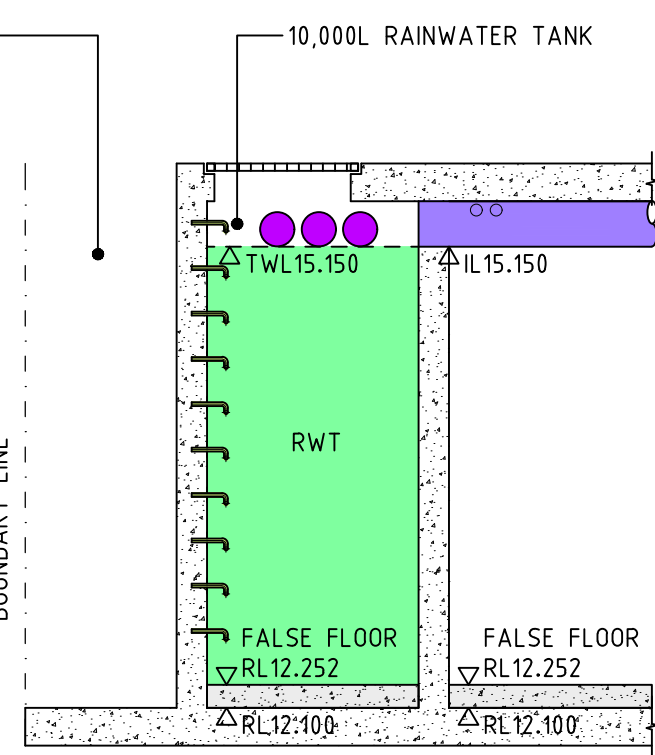
KERB & TRANSITION PIT SECTION
SCALE 1:50



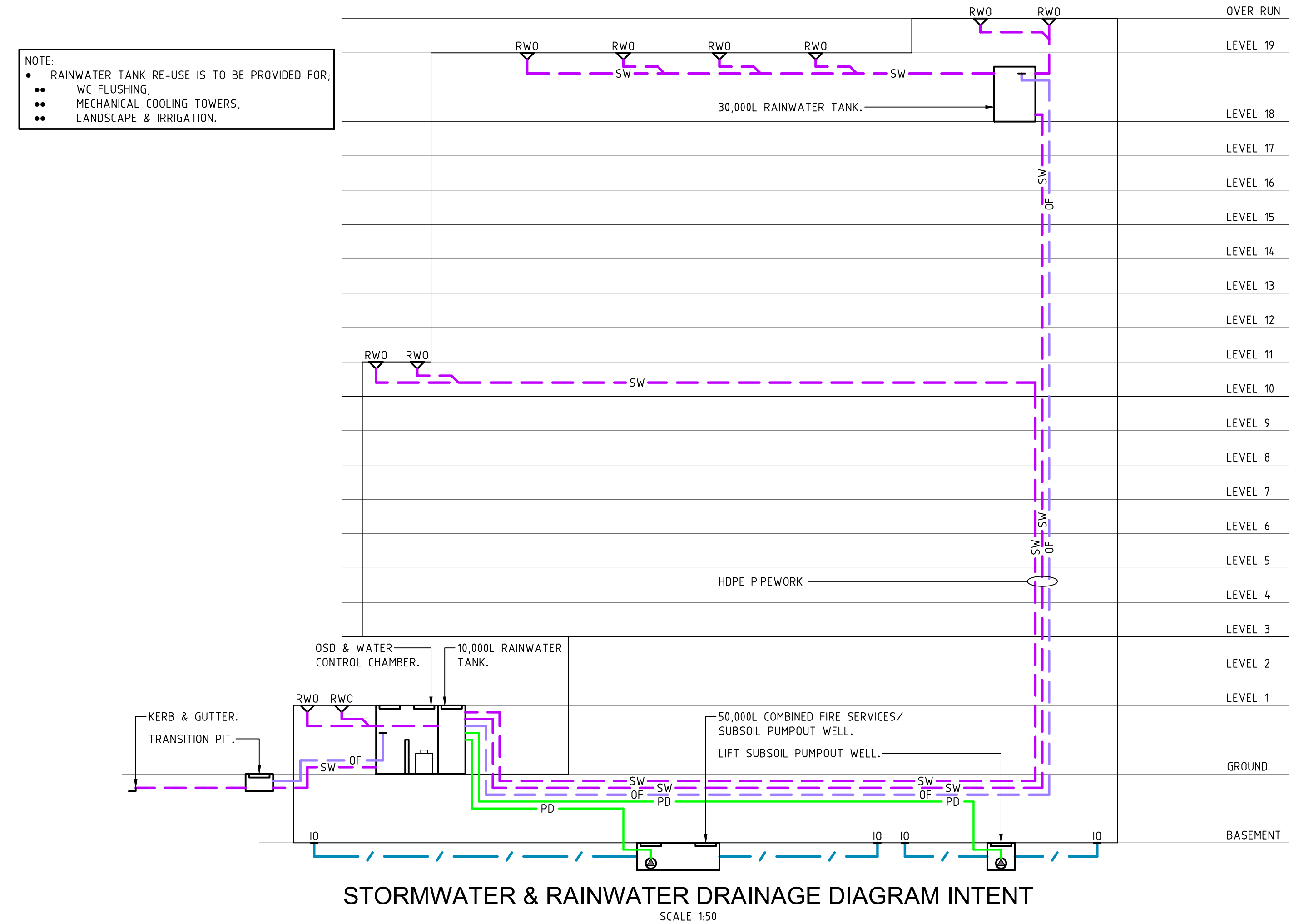
OSD TANK SECTION A-A
SCALE 1:50



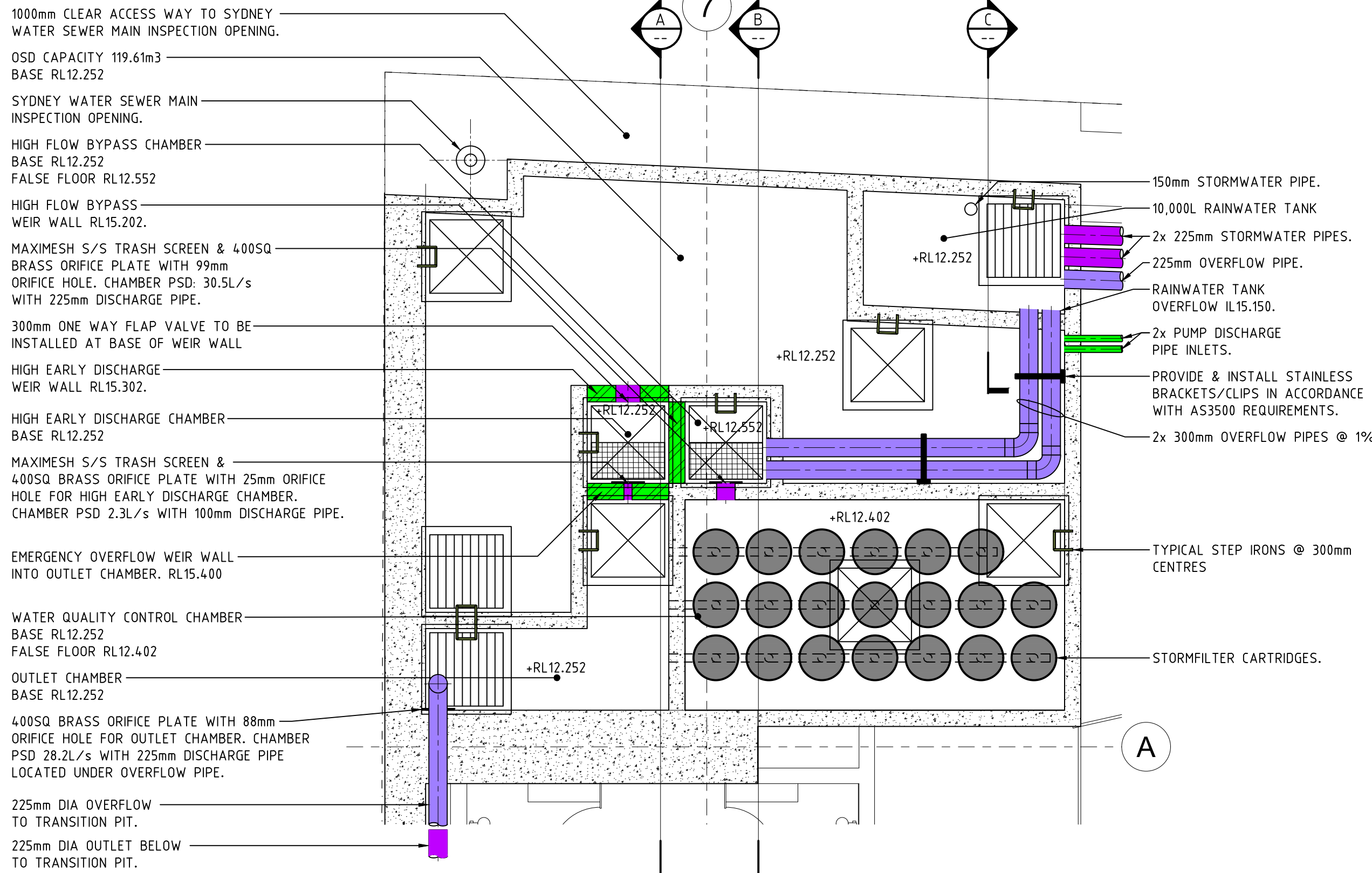
OSD TANK SECTION B-B
SCALE 1:50



OSD TANK SECTION C-C
SCALE 1:50



STORMWATER & RAINWATER DRAINAGE DIAGRAM INTENT
SCALE 1:50



OSD TANK PLAN DETAIL
SCALE 1:50

REVISION	DATE	DRN	CHD	DESCRIPTION
A	09.04.2019	DR	JB	SSDA ISSUE

Charter Hall **WESTERN SYDNEY UNIVERSITY**

Tzannes + BlightRayner

Suite 5, L5, 2-12 Foveux St
Surry Hills, NSW, 2010
Sydney, Australia
W: tzannes.com.au
T: 61 2 9319 3744
E: tzannes@tzannes.com.au

Level 2, 88 Creek St
Brisbane, Qld, 4000
W: blighttrayner.com.au
T: 61 7 3905 6500
E: info@blighttrayner.com.au

Floth
SUSTAINABLE BUILDING CONSULTANTS

LEVEL 1, TOWER 1
495 VICTORIA AVENUE
CHATSWOOD
2067 NSW
T + 61 2 9419 4100
F + 61 2 9411 8460
E syd@floth.com.au
W www.floth.com.au
SYDNEY BRISBANE PERTH
MELBOURNE JAKARTA

HASSALL STREET, PARRAMATTA
2-6 HASSALL STREET,
PARRAMATTA NSW 2150

STORMWATER CONCEPT PLAN
DRAWING TITLE
DETAIL SHEET 1

DR **JB**
CHECKED **DATE STARTED**
SO **MARCH 2019**
DRAWING SCALE
AS SHOWN @ A1
PROJECT NO **DRAWING NO** **REVISION**
S18255 DA-H06 **A**

