FOR HAZARD TABLE REFER TO DRAWING L014-CUR-52-01.ZZ-D-C-520000

FOR DRAWING REFERENCES REFER TO DRAWING L014-CUR-52-01.ZZ-520001

CONNECT TO EXISTING MANHOLE. EXISTING CONNECTION TO BE REUSED
IL 31.74

TREE PIT CONNECTIONS APPROX. 1.3m DEEP UNLESS NOTED OTHERWISE. PERFORATED DRAINS AND CONNECTIONS TO BE 100Ø. TBC BY LANDSCAPE ARCHITECT.

MH S10
450Ø
CL 35.30
IL 31.95

150 CASTSLOT TS D400

FOR CO-ORDINATED POP-UP LOCATIONS, REFER TO DRAWINGS L014-SES-52-Z1.GF-D-P-002401 & L014-SES-52-Z2.GF-D-P-002402

SVP 25
IL 32.87

SVP 26
IL 32.87
CONNECTION TO PASS THROUGH STRUCTURE

SSL 33.85
300mm THICK
POP-UP ILs 33.30 UNO.

SSL 33.25
250mm THICK
POP-UP ILs 32.70 UNO

SVP27
IL 32.80
CONNECTION TO PASS THROUGH STRUCTURE

REST BENDS REQUIRE CASTING INTO SLAB

SVP21
IL 32.98

SG
IL 32.99

PASS THROUGH STRUCTURE
IL 32.91

SVP24

SVP23

TC2

SVP22
IL 32.93

SVP01F

PAF
IL 32.76

SVP28
IL 32.88

SVP29
IL 32.85

SVP 30
IL 32.85

100Ø 1:23

ADDITONAL POP-UPS IL 34.30

SSL 34.85
300mm THICK
POP-UP ILs 34.30 UNO.

SVP10
IL 34.42
CAST IN SLAB

SVP13
IL 34.40
CAST IN SLAB

SVP14
IL 34.40
CAST IN SLAB

SVP15
IL 34.41
CAST IN SLAB

SVP11
IL 34.42
CAST IN SLAB

FG
IL 34.40

SVP12
IL 34.41
CAST IN SLAB

SVP16
IL 34.36
CAST IN SLAB

SVP17
IL 34.36
CAST IN SLAB

SVP18
IL 33.34

FG
IL 33.34

SVP20
IL 34.33

SVP1G
IL 33.14

PASS THROUGH STRUCTURE
IL 33.08

SVP05A
IL 34.39
CAST IN SLAB

SVP05
IL 34.39
CAST IN SLAB

RWP04
IL 34.00

SVP06
IL 34.35
CAST IN SLAB

SW PASSES UNDER FW

RWP05
IL 34.35
CAST IN SLAB
REST BEND SET ABOVE FW DRAINAGE

SW PASSES UNDER FW

SVP07
IL 34.32

SVP6A

SVP9

SVP19

SVP07C

RWP01
IL 32.76
REST BEND CAST INTO SLAB

PASS THROUGH STRUCTURE
IL 32.73

SVP04

PASS THROUGH STRUCTURE
IL 32.73

PASS THROUGH STRUCTURE
IL 32.77

50mm REBATE REQUIRED IN BASE OF SLAB TO AVOID PIPE CLASH WITH SLAB. DRAINAGE. REFER TO DETAILS

SSL 33.37
450mm THICK
POP-UP ILs 32.62

PASS THROUGH STRUCTURE
IL 32.90

PASS THROUGH STRUCTURE
IL 32.75

SVP01

SSL 33.55
450mm THICK
POP-UP ILs 32.80 UNO.

BUNDED GULLIES: MAX FLOW TO EACH GULLY 250 l/min (4.2 l/s). BUNDS TO BE CONNECTED ABOVE SLAB TO SPLIT FLOW IN CASE OF FIRE

EXISTING MANHOLE (MH F06)
CL: 35.32
IL: 31.89
PROPOSED DRAINAGE TO CONNECT TO EXISTING MANHOLE. EXISTING CONNECTION TO BE RE-USED. MANHOLE COVER TO BE ADJUSTED TO NEW GROUND LEVELS

MH F04a
450Ø
CL 34.99
IL 34.18

MH F03b
450Ø
CL 34.99
IL 34.15

MH S04a
600Ø
CL 34.99
IL 33.05

SVP07B

PIPE CONNECTS INVERT-INVERT

MH S03a 600Ø
CL 34.97
IL 32.66

MH F02a
450Ø
CL 34.41
IL 32.66

MH F01c
600Ø
CL 34.10
IL 32.44

MH F01b
450Ø
CL 34.06
IL 32.59

MH F01d
450Ø
CL 34.27
IL 32.51

MH F01a
450Ø
CL 33.87
IL 32.57

MH F02
600Ø
CL 34.39
IL 32.22

MH F03 600Ø
CL 34.97
IL 32.11
BD IL 33.84

MH F04
1200Ø
CL 35.32
IL 32.01
BD IL 33.73

MH S04
1500Ø
CL 34.93
IL 32.45
BD IL 33.15

MH S03
1800Ø
CL 34.41
IL 32.51

MH S02 1500Ø
CL 34.21
IL 32.65

FLAP VALVE/ NON-RETURN VALVE ON INCOMING 150Ø DRAIN

MAX. TREE PIT DRAINAGE DEPTH 1.2m TO ALLOW FOR CONNECTION INTO PROPOSED DRAINAGE NETWORK

EXISTING CATCHPIT MANHOLE (MH S16)
CL: 35.41
IL: 32.31
SL: 31.85
EXISTING OUTLET TO BE REUSED. MANHOLE COVER TO BE ADJUSTED TO NEW GROUND LEVELS.

ROAD GULLIES TO BE FITTED WITH 'SMARTGULLY' FILTERS BY NAYLOR

TOP OF DUCTWORK 32.03
DRAINAGE IL 32.14
COVER 110mm APPROX.

ROAD GULLIES TO BE FITTED WITH 'SMARTGULLY' FILTERS BY NAYLOR

TREE PIT CONNECTIONS APPROX. 1.3m DEEP UNLESS NOTED OTHERWISE. PERFORATED DRAINS AND CONNECTIONS TO BE 100Ø. TBC BY LANDSCAPE ARCHITECT.

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
3. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
4. FOR GENERAL NOTES REFER TO DRAWING SA-CUR-XX-00-DR-C-92502.
5. FURTHER CO-ORDINATION REQUIRED BETWEEN EXTERNAL SERVICES AND THE PROPOSED DRAINAGE.

KEY:

- PLANNING BOUNDARY TAKEN FROM LANDSCAF ARCHITECTS PLAN L014-PIE-90-ZZ.00-D-L-00000

EXISTING DRAINAGE

- AS CONSTRUCTED SW DRAINAGE
- AS CONSTRUCTED FOUL DRAINAGE
- PRE-DEVELOPMENT DRAINAGE (ASSUMED ABANDONED - TBC)
- DRAINAGE TO BE ABANDONED/ REMOVED

ENABLING WORKS DRAINAGE (AS CONSTRCUTED)

- ENABLING WORKS SW DRAINAGE
- ENABLING WORKS PROPOSED CELLULAR ATTENUATION STORAGE

PROPOSED DRAINAGE

- PROPOSED SW DRAINAGE
- PROPOSED FOUL DRAINAGE
- PROPOSED LINEAR DRAINAGE CHANNEL GATIC CASTSLOT TREADSAFE
- RG ROAD GULLY
- YG YARD GULLY
- TO 100Ø TREE PIT DRAIN/ OUTLET
- SVP FOUL CONNECTION SVP - SOIL VENT PIPE AAV - AIR ADMITTANCE VALVE
- FG FOUL GULLY
- RWP RAINWATER PIPE
- PROPOSED FILTER DRAIN
- PROPOSED FOUNDATION
- CHANGE IN SLAB LEVEL
- PROPOSED EXTERNAL SERVICES

Rev:	Description:	Date:	By:	Chkd:
C06	UPDATED TO LATEST LA PLAN	03.02.25	ATL	HS
C05	UPDATED TO LATEST LA PLAN	15.11.24	ATL	HS
C04	SURFACE DRAINAGE FEATURES UPDATED	27.09.24	ATL	ATL
C03	BUNDED GULLY NOTES ADDED	05.01.24	JC	ATL
C02	DRAINAGE UPDATED IN LINE WITH REVISED POP-UPS & AS-BUILT DRAINAGE INFO	06.12.23	ATL	ATL
C01	CONSTRUCTION ISSUE	24.10.23	ATL	CG

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Status: STAGE 5

Project: N0 3 CIRCLE SQUARE

Drg Title: PROPOSED DRAINAGE 1:100 LAYOUT SHEET 2

Drawn By	Designed By	Checked By
ATL	ATL	MW
Project No. 080355	Date 23.05.22	Scales @ A1 1:100

Project No - Originator - Function - Spatial - Form - Discipline - Number: L014 - CUR - 52 -01.ZZ- D - C - 520002 | Revision: C05

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