LEGEND

- SITE BOUNDARY
- EXISTING DRAINAGE FOUL WATER SEWER (SOUTHERN WATER)
- FOUL WATER MANHOLE (SOUTHERN WATER)

PROPOSED DRAINAGE:

- SURFACE WATER DRAIN/SEWER
- FOUL WATER DRAIN/SEWER
- FOUL WATER SEWER TO BE ADOPTED BY SOUTHERN WATER
- SW & FW MANHOLE (SFA TYPES 1A, 1B AND 2)
- SW & FW MANHOLE CHAMBER (SFA INSPECTION CHAMBER TYPES 3 AND 4, RIGID CONSTRUCTION)
- SW & FW MANHOLE CHAMBER (SFA INSPECTION CHAMBER TYPES 3 AND 4, FLEXI MATERIAL CONSTRUCTION)
- RE RODDING EYE

F1.04 CL14.690 BD13.850(b) IL13.220(a,x) (x) (a) (b)

MANHOLE REFERENCING
BD = BACKDROP CONNECTION
x = OUTLET LEVEL
a, b, ETC. = INLET LEVEL

- ROAD GULLY
- FG FLOOR GULLY
- THRESHOLD DRAINAGE CHANNEL
- LINEAR DRAINAGE CHANNEL
- RWP RAIN WATER PIPE
- SP SLAB PENETRATION (FOR FOUL)

- CELLULAR STORAGE ATTENUATION
- PERMEABLE PAVING
- DIFFUSER BOX TO DRAIN PERMEABLE PAVING

MANHOLE REFERENCES MARKED WITH "*" HAVE BEEN CONSTRUCTED BASED ON PROVIDED INFORMATION FROM THE CONTRACTOR ON 14.04.2020

CONTINUED ON DRG PP-ISS-XX-XX-DR-C-3012

barbed wire fence

wood post & rail fence

S2.02 CL15.064 IL14.230

S2.03 CL15.064 BD14.130(a) BD14.300(b) IL13.380(a,x)

F1.03 CL15.032 IL13.980

S2.04 CL15.065 BD14.300(b) IL13.360(a,x)

F1.02 CL15.033 IL14.150

S2.06 CATCHPIT CL14.650 IL13.205(a) IL14.000(b) IL13.130(,x) SUMP12.730

SOAKAWAY - REF. CS3
TYPE - CELLULAR CRATES
AREA x DEPTH = 4.5m² x 1.6m
APPROX. GROUND LEVEL = 14.850
TOP LEVEL = 13.650
BASE LEVEL = 12.050
IL = 13.130
COVER = 1.20m
INFILTRATION RATE = 1.296m³/hour

F1.17 CL15.147 IL14.360

S2.01 CL15.146 IL14.450

F1.16 CL15.146 IL14.310

F1.15 CL15.113 IL13.980

S2.07 CL14.750 IL14.000

F1.14 CL15.133 IL14.300

F1.13 CL15.130 IL141.320

S2.08 CL15.132 IL14.400

F1.12 CL15.132 IL14.400

RODDING EYE IL14.200

F1.01 CL15.132 IL14.400

X = 507555.572 Y = 104002.782
X = 507555.572 Y = 104002.782
X = 507557.126 Y = 104003.382
X = 507557.005 Y = 104002.782
X = 507557.550 Y = 104003.382
X = 507557.671 Y = 104002.782

DRAINAGE PASSES THROUGH FOUNDATIONS

CINEMA | THERAPY | BED G1 | BED G4 | BED G5 | BED G8 | BED G9 | BED G11 | BED G12 | BED G14 | BED G15 | BED G16

PAD/LINEN 1

CELEBRATIONS | BED G2 | BED G3 | BED G6 | BED G7 | BED G10

STORE 4 | DEPUTY MANAGER | STUDY 2 | DRUGS 2 | SLUICE 2 | WC 3 | Dishwash.2

LOUNGE 1 | DINING 1 | STORE 5 | STAIRS 2

CAFE | STAIRS | Visitor WC | EXTERNAL WC

DRAINAGE PASSES THROUGH FOUNDATIONS

X = 507567.437 Y = 103982.112
X = 507568.037 Y = 103982.141
X = 507568.037 Y = 103981.330
X = 507567.437 Y = 103981.499

1

X = 507552.649 Y = 103977.104

F1.36a CL15.100 IL14.080

S3.09a CL15.100 IL13.860

F1.36 CL14.750 IL13.850

F1.34 CL14.951 IL13.520

F1.28 CL14.976 IL13.950

F1.27 CL15.033 IL14.000

S3.01 CL15.092 IL14.350

S3.02 CL14.970 IL13.920

S3.03 CL14.938 IL13.690

S3.04 CL14.961 IL13.4900

S3.05 CATCHPIT CL14.942 IL14.100(a) IL13.290(b) IL13.215(x) SUMP12.510

SOAKAWAY - REF. CS4
TYPE - CELLULAR CRATES
AREA x DEPTH = 8m² x 1.6m
APPROX. GROUND LEVEL = 14.870
TOP LEVEL = 13.700
BASE LEVEL = 12.100
IL = 13.105
COVER = 1.17m
INFILTRATION RATE = 1.296m³/hour

S3.05a CL14.977 IL13.390

RODDING EYE IL13.900

F1.24 CL15.200 IL14.420

F1.25 CL15.197 IL14.320

S3.10 CL15.194 IL14.300

F1.26 CL14.995 IL14.100

S3.06 CL15.093 IL14.300

F1.36 CL15.123 IL14.230

F1.35 CL15.147 IL14.400

S3.07 CL15.700 IL14.130

F1.33 CL15.119 IL14.350

S3.09 CL15.134 IL13.960

S3.08 CL15.142 IL14.400

F1.32 CL15.146 IL14.450

RODDING EYE IL14.250

2

3

assumed fence line no access to survey

HH=16.69

NOTES:

1. ALL WORK TO BE CARRIED OUT TO THE LATEST EDITION OF "SEWERS FOR ADOPTION" (SFA), AND ANY AREAS NOT COVERED BY SFA, "APPROVED DOCUMENT H - DRAINAGE AND WASTE DISPOSAL" IS TO BE APPLIED. ANY DRAINAGE TO BE ADOPTED IS TO BE FIRST AND FOREMOST COMPLIANT WITH THE ADOPTING AUTHORITIES SFA ADDENDUM THEN THE LATEST VERSION OF SFA.
2. SITE PLAN AND GROUND FLOOR PLAN PROVIDED BY BUCKLE CHAMBERLAIN PARTNERSHIP LTD. SITE PLAN TAKEN FROM DRAWING REF 1388/001, REVISION W, DATED 28.01.20. GROUND FLOOR PLAN PROVIDED BY 15.01.20, DIGITAL FILE NAME GROUND FLOOR X-R2-REF_GE.
3. LANDSCAPING PLAN PROVIDED BY GROUND CONTROL, DRAWING REF J180649-GL-L-DR-5-100, REVISION A, DATED 16.01.20.
4. TOPOGRAPHICAL SURVEY PROVIDED BY J TAYLOR SITE SURVEYING LTD, DRAWING REF. POUND PLACE, DATED DEC. 19.
5. M&E CONSULTANT, METHOD LLP, ADVISED BATHROOM ENSUITES TO HAVE SINGLE CONNECTIONS, AWAITING REVISED DRAWINGS.
6. REFER TO DRAWING PP-IS-XX-XX-DR-C-3004 FOR FULL DRAINAGE NOTES AND DRAWING PP-IS-XX-XX-DR-C-3201 FOR DRAINAGE DETAILS.
7. FOUL WATER CONNECTION TO PUBLIC NETWORK GRANTED APPROVAL BY SOUTHERN WATER ON 23.01.2020, REFERENCE DS_CPS-114430..
8. FOUL DRAINAGE TO BE ADOPTED REQUIRES APPROVAL BY SOUTHERN WATER UNDER A S104 AGREEMENT.
9. SURFACE WATER DESIGN BASED ON INFILTRATION RATES TAKEN FROM FLOOD RISK ASSESSMENT REPORT SUBMITTED AS PART OF THE PLANNING SUBMISSION FOR THIS SITE.
10. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS TO COMPLETE WORKS WITHIN PUBLIC HIGHWAY.

BUILDING FINISHED FLOOR LEVEL RAISED FROM 14.800 TO 15.200. DRAINAGE AMENDED TO SUIT. ALL COVER LEVELS AMENDED TO SUIT REVISED GROUND LEVEL DESIGN.

1. COURTYARD LAYOUT REVISED AND DRAINAGE UPDATE TO AVOID TREES AND SOFT LANDSCAPING. FOUL WATER NETWORK AMENDED TO AVOID DRAIN RUN THROUGH CENTER OF COURTYARD
2. SOAKAWAY LOCATION REVISED TO SUIT NEW BUILDING POSITION
3. BUILDING SHIFTED EAST AND SITE PLAN REVISED TO SUIT.

REV	DATE	DRAWN/CHK	REVISION INFO
C05	15.06.20	TT/PL	CHANGES IN DRAINAGE DESIGN SUBMISSIONS BUBBLED AS REQUESTED BY THE LLFA
C04	28.05.20	HJB/PL	COORDINATES ADDED AS REQUESTED BY SAVISTA DESIGN AND BUILD
C03	21.04.20	HB/PL	GROUND LEVELS RAISED, DRAINAGE AMENDED TO SUIT, SOAKAWAYS AMENDED TO SUIT LLFA
C02	21.02.20	PL/PL	AMENDED TO SUIT LANDSCAPE ARCHITECT LAYOUT MINOR AMENDEMENTS TO SOAKAWAYS
C01	24.01.20	PL/PL	CONSTRUCTION ISSUE

STATUS: FOR CONSTRUCTION

CLIENT: SAVISTA DESIGN AND BUILD

PROJECT: POUND PLACE ROUNDSTONE ROAD ANGMERING

DRAWING TITLE: PROPOSED DRAINAGE LAYOUT 64 BED SHEET 3

JOB NUMBER:	SCALE AT A1:	REV. STATUS:
SE1612	1:100	S4

DRAWING NUMBER: PP-ISS-XX-XX-DR-C-3013 REVISION: C05

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ARUN DISTRICT COUNCIL A/0230/20/DOC