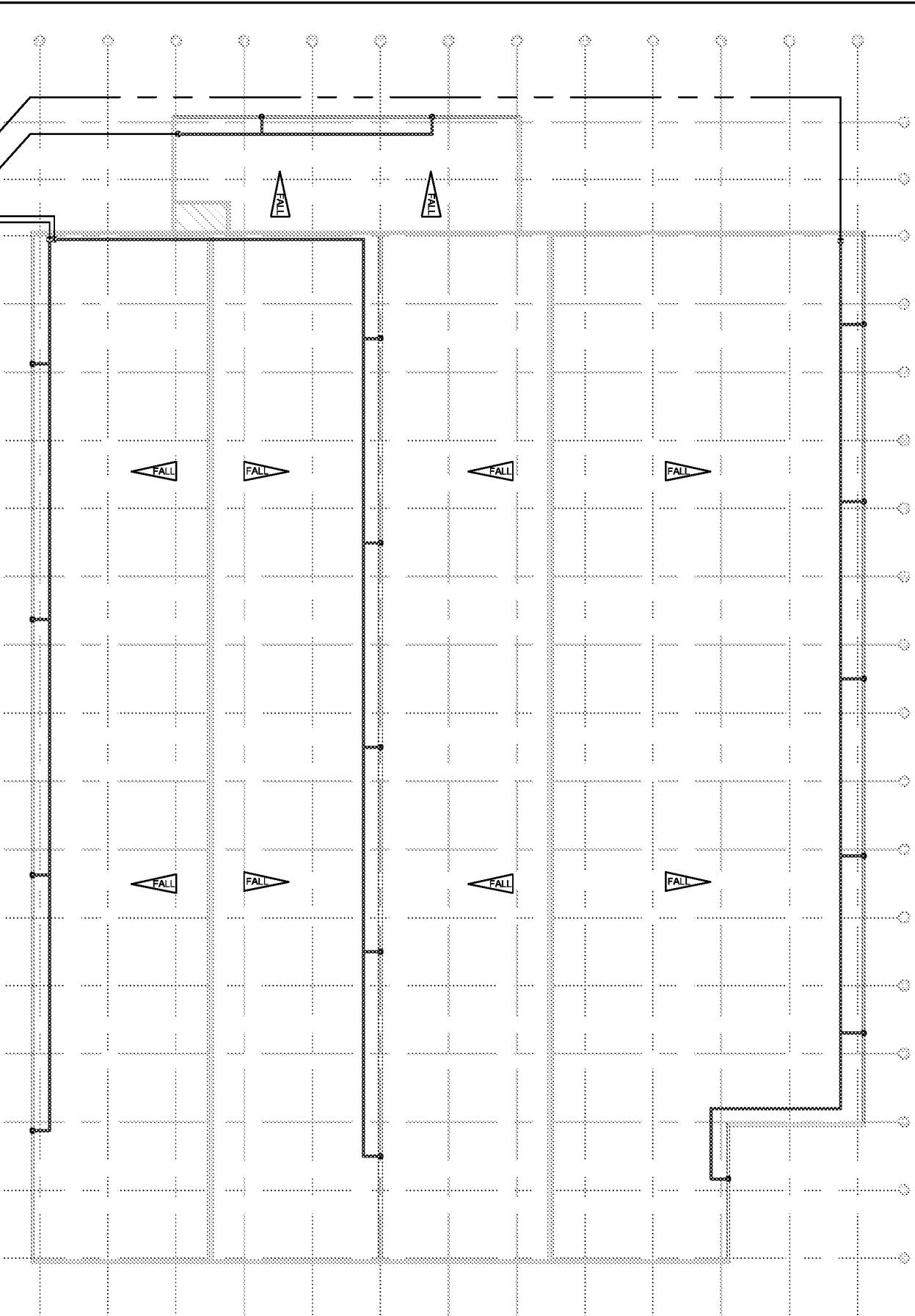
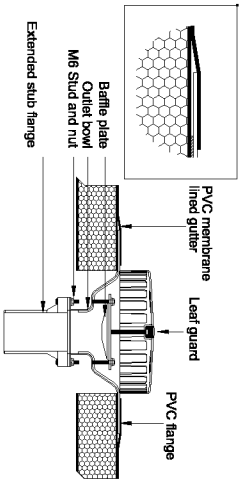
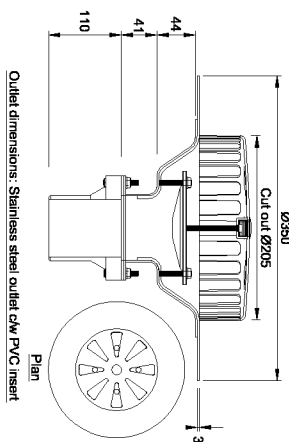
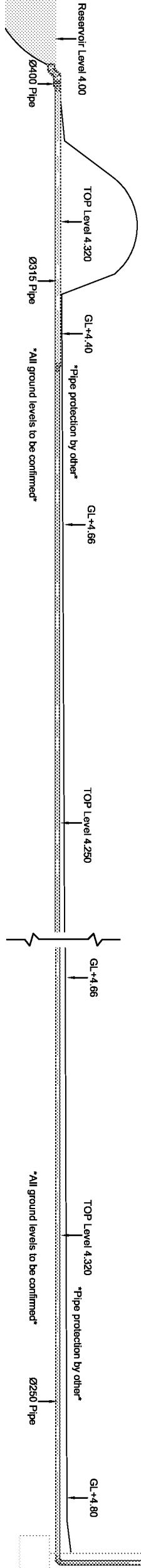
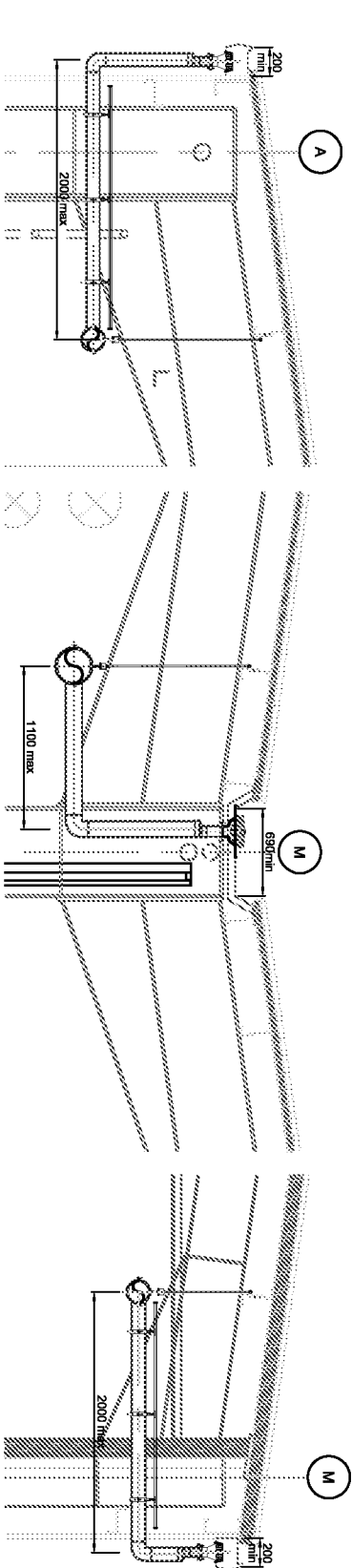


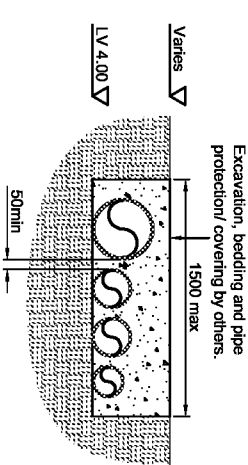
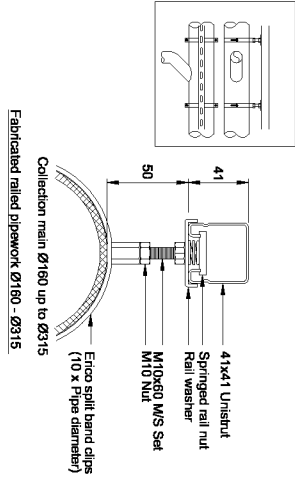
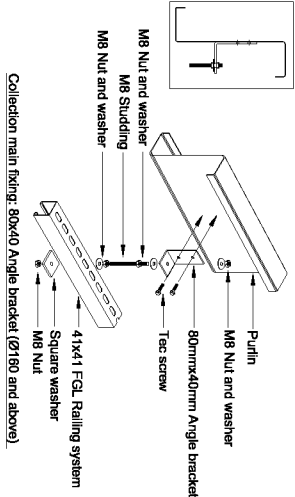


Grindline M	Grindline F	Grindline A
DP 01	DP 04	DP 03
DA 160	DA 75	DA 315
LS 47	LS 6.3	LS 14.9
M/S 2.8	M/S 2.5	M/S 3.0

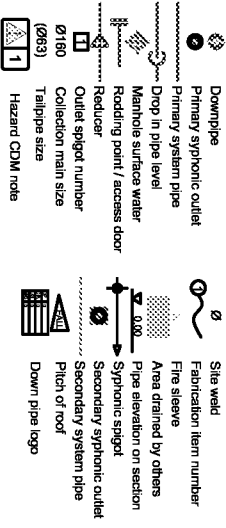
Underground pipes to freely discharge into lake. Maximum distance allowed 100m from building GL A.



Stainless steel outlet c/w PVC insert fixed to PVC membrane (gutter)



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Design Criteria

Based on BS EN 12056-3:2000 & BS 8490:2007 Category 1 (leaves) = 72mm/h, Category 3, 25 Year Building Life = 187.2mm/h

Hazard CDM Notes

All hazards are to be managed as identified in the project specific R.A.M.S

- Working at height.
- Working within the gutters.
- Working in trenches.
- Drilling of the structure.
- Working over stiles/walls.
- Confined spaces.

Notes

- Outlets free issued to site for installation by others.
- Cutting of building structure / cladding to accommodate Fulflow pipe work and outlets to be undertaken and made good by others.
- Excavation, bedding and backfilling by others.
- Dimensions of the down pipe from grid to be confirmed by others.

Pipe weight chart - Polyethylene (HDPE)

Standard	Outside Diameter (mm)	Wall Thickness (mm)	Weight (kg/m)	Weight (kg/m)	Weight (kg/m)
SDR35	60	4.0	0.87	1.32	1.88
SDR35	75	5.0	1.32	1.98	2.75
SDR35	90	6.0	1.58	2.37	3.33
SDR35	110	7.5	2.00	3.00	4.25
SDR35	125	8.5	2.29	3.43	4.83
SDR35	150	10.0	2.71	4.06	5.67
SDR35	175	11.5	3.13	4.69	6.54
SDR35	200	13.0	3.55	5.32	7.42
SDR35	225	14.5	3.97	5.95	8.29
SDR35	250	16.0	4.39	6.58	9.16
SDR35	275	17.5	4.81	7.21	10.03
SDR35	300	19.0	5.23	7.84	10.90
SDR35	315	20.0	5.65	8.47	11.77

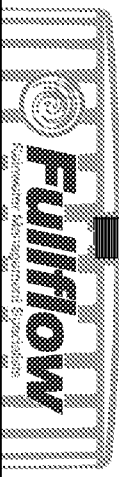
Fulflow railing system / hanging chart

Span (m)	Height (m)	Weight (kg/m)	Weight (kg/m)	Weight (kg/m)
6.0	2.0	1.32	1.98	2.75
7.5	2.5	1.58	2.37	3.33
9.0	3.0	1.84	2.79	3.89
10.5	3.5	2.10	3.21	4.45
12.0	4.0	2.36	3.63	5.01
13.5	4.5	2.62	4.05	5.57
15.0	5.0	2.88	4.47	6.13
16.5	5.5	3.14	4.89	6.69
18.0	6.0	3.40	5.31	7.25
19.5	6.5	3.66	5.73	7.81
21.0	7.0	3.92	6.15	8.37
22.5	7.5	4.18	6.57	8.93
24.0	8.0	4.44	6.99	9.49
25.5	8.5	4.70	7.41	10.05
27.0	9.0	4.96	7.83	10.61
28.5	9.5	5.22	8.25	11.17
30.0	10.0	5.48	8.67	11.73

Status:	1	06.10.17	Underground section added	CR	PS	-
	0	04.10.17	Tender Proposal	CR	PS	-
	Rev No.	Date	Description	CR	PS	-
				CR	PS	-

TENDER PROPOSAL

TENDER PROPOSAL



Client: Archibald Shaw

Job Title: SelferFarm, Pagham Essex

Drawing Title: Syphonic Roof Drainage Proposal

Drawn By: CRL

Checked By: PS

Approved By: -

Date: 04.10.17

Project No: E7096

Revision: T01