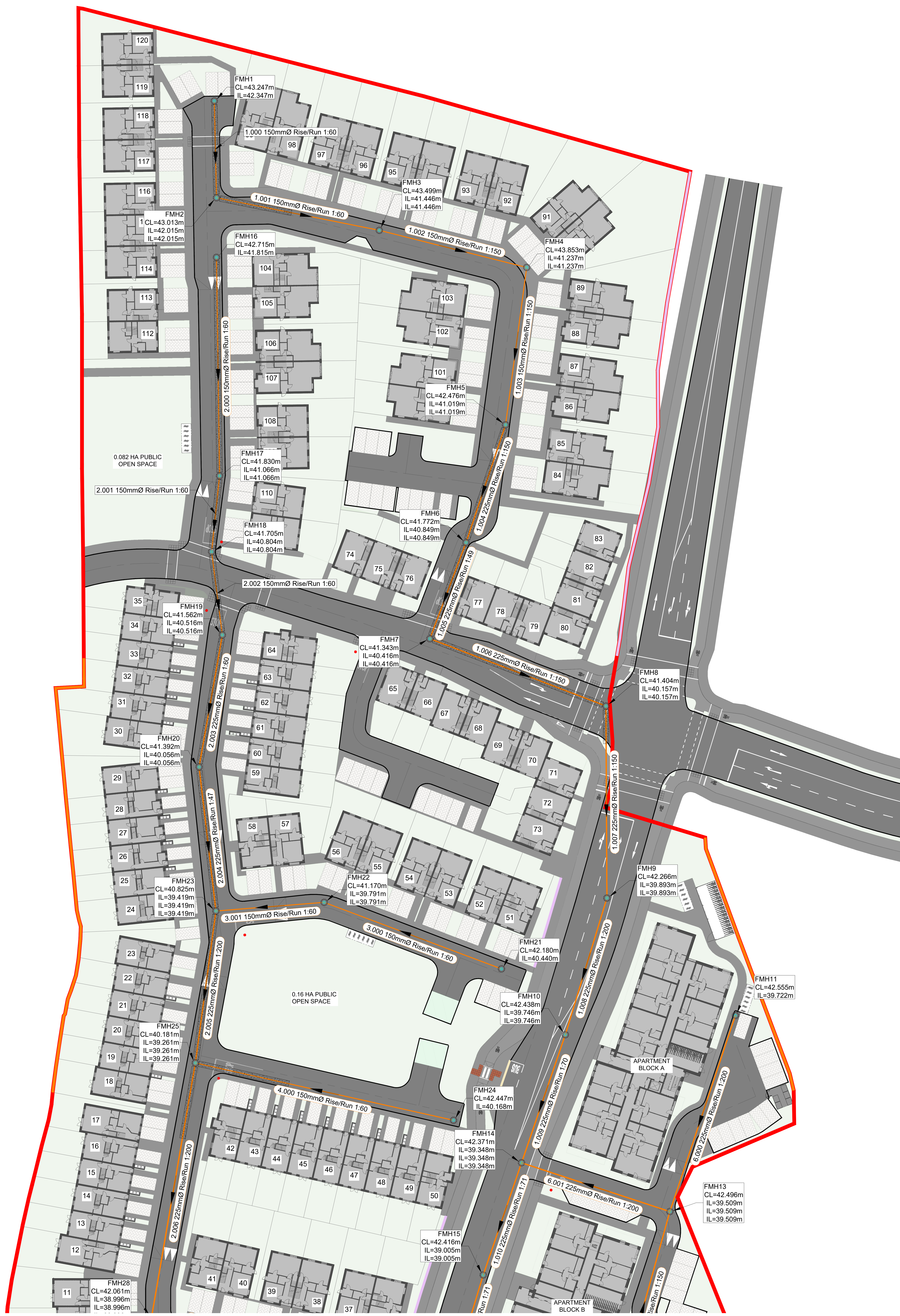


FOUL STRUCTURE TABLE

Name	Easting	Northing	Cover Level	Connected Pipes
FMH1	497162.041	591412.598	43.247	1.000 Inv. 42.347
FMH2	497162.496	591392.674	43.013	1.000 Inv. 42.015 1.001 Inv. 42.015
FMH3	497195.989	591385.972	43.499	1.001 Inv. 41.446 1.002 Inv. 41.446
FMH4	497226.319	591378.334	43.853	1.002 Inv. 41.237 1.003 Inv. 41.237
FMH5	497221.964	591345.957	42.476	1.003 Inv. 41.019 1.004 Inv. 41.019
FMH6	497213.834	591321.736	41.772	1.004 Inv. 40.849 1.005 Inv. 40.849
FMH7	497206.390	591301.935	41.343	1.005 Inv. 40.416 1.006 Inv. 40.416
FMH8	497242.622	591288.090	41.404	1.006 Inv. 40.157 1.007 Inv. 40.157
FMH9	497242.818	591248.579	42.266	1.007 Inv. 39.893 1.008 Inv. 39.893
FMH10	497234.265	591220.466	42.438	1.008 Inv. 39.746 1.009 Inv. 39.746
FMH11	497269.247	591224.430	42.555	6.000 Inv. 39.722
FMH12	497243.909	591141.435	42.558	7.000 Inv. 39.804
FMH13	497255.771	591184.082	42.496	6.000 Inv. 39.509 6.001 Inv. 39.509 7.000 Inv. 39.509
FMH14	497225.258	591194.114	42.371	1.009 Inv. 39.348 1.010 Inv. 39.348 6.001 Inv. 39.348
FMH15	497217.371	591171.037	42.416	1.010 Inv. 39.005 1.011 Inv. 39.005
FMH16	497162.493	591380.412	42.715	2.000 Inv. 41.815
FMH17	497163.124	591335.458	41.830	2.000 Inv. 41.066 2.001 Inv. 41.066
FMH18	497161.489	591319.837	41.705	2.001 Inv. 40.804 2.002 Inv. 40.804
FMH19	497163.700	591302.712	41.562	2.003 Inv. 40.516 2.002 Inv. 40.516
FMH20	497158.915	591275.557	41.392	2.003 Inv. 40.056 2.004 Inv. 40.056
FMH21	497221.129	591234.009	42.180	3.000 Inv. 40.440
FMH22	497184.644	591247.696	41.170	3.000 Inv. 39.791 3.001 Inv. 39.791
FMH23	497162.381	591245.919	40.825	2.004 Inv. 39.419 2.005 Inv. 39.419 3.001 Inv. 39.419
FMH24	497211.264	591202.865	42.447	4.000 Inv. 40.168
FMH25	497158.143	591214.646	40.181	2.005 Inv. 39.261 2.006 Inv. 39.261 4.000 Inv. 39.261
FMH26	497159.120	591113.954	41.295	5.000 Inv. 40.395
FMH27	497149.710	591142.638	41.807	5.000 Inv. 39.892 5.001 Inv. 39.892
FMH28	497149.153	591162.426	42.061	2.006 Inv. 38.996 5.001 Inv. 38.996 2.007 Inv. 38.996
FMH29	497183.701	591154.912	41.965	2.007 Inv. 38.819 2.008 Inv. 38.819
FMH30	497210.729	591149.035	42.420	1.011 Inv. 38.681 1.012 Inv. 38.681 2.008 Inv. 38.681
FMH31	497197.303	591104.558	39.849	1.012 Inv. 38.449 1.013 Inv. 38.449
FMH32	497187.357	591050.499	39.561	1.013 Inv. 38.174 1.014 Inv. 38.174
FMH33	497182.155	590995.894	39.133	1.014 Inv. 37.900

FOUL NETWORK

Pipe Name	Size	Length	Slope	US IL	DS IL
1.000	150.000	19.928	1:60	42.347	42.015
1.001	150.000	34.157	1:60	42.015	41.446
1.003	150.000	32.669	1:150	41.237	41.019
1.005	225.000	21.154	1:49	40.849	40.416
1.006	225.000	38.787	1:150	40.416	40.157
1.007	225.000	39.512	1:150	40.157	39.893
1.009	225.000	27.848	1:70	39.746	39.348
1.011	225.000	22.983	1:71	39.005	38.681
1.013	225.000	54.966	1:200	38.449	38.174
1.014	225.000	54.852	1:200	38.174	37.900
2.000	150.000	44.959	1:60	41.815	41.066
2.001	150.000	15.707	1:60	41.066	40.804
2.002	150.000	17.267	1:60	40.804	40.516
2.003	225.000	27.573	1:60	40.516	40.056
2.004	225.000	29.840	1:47	40.056	39.419
2.005	225.000	31.558	1:200	39.419	39.261
2.006	225.000	52.989	1:200	39.261	38.996
5.000	150.000	30.188	1:60	40.395	39.892
5.001	150.000	19.796	1:22	39.892	38.996
4.000	150.000	54.412	1:60	40.168	39.261
3.000	150.000	38.968	1:60	40.440	39.791
3.001	150.000	22.334	1:60	39.791	39.419
1.012	225.000	46.459	1:200	38.681	38.449
2.007	225.000	35.356	1:200	38.996	38.819
2.008	225.000	27.660	1:200	38.819	38.681
1.002	150.000	31.277	1:150	41.446	41.237
1.004	225.000	25.548	1:150	41.019	40.849
1.010	225.000	24.387	1:71	39.348	39.005
6.000	225.000	42.538	1:200	39.722	39.509
6.001	225.000	32.120	1:200	39.509	39.348
7.000	225.000	44.267	1:150	39.804	39.509
1.008	225.000	29.385	1:200	39.893	39.746

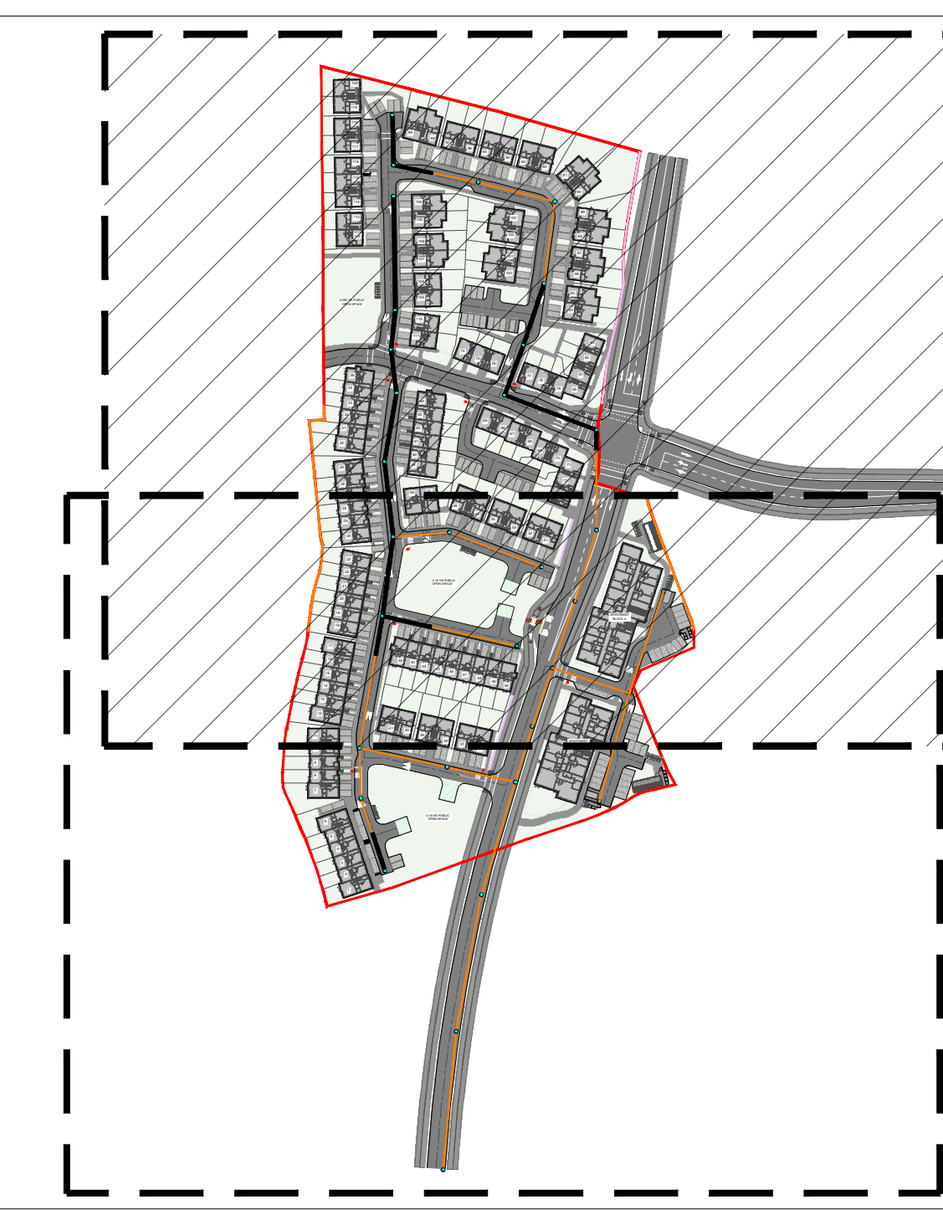
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NOTES

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ALL LEVELS ARE IN METRES RELATED TO;
   DATUM: ORDNANCE DATUM MALIN HEAD
   REFERENCE SYSTEM: IRISH TRANSVERSE MERCATOR (ITM)
   GEOID: OSGM15
3. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
4. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
5. DRAWINGS ARE NOT TO BE SCALED.
6. AERIAL IMAGERY, WHEN USED, IS SOURCED FROM MICROSOFT BING MAPS THROUGH THE OPEN LICENSING AGREEMENT WITH AUTODESK.

LEGEND

- SITE BOUNDARY
- 1.002 225mmØ Rise/Run 1:200 — PROPOSED FOUL DRAIN
- PROPOSED FOUL MANHOLE
- PROPOSED CONCRETE SLAB PROTECTED



KEY PLAN
NOT TO SCALE

FOUL DRAINAGE NOTES

1. **MAIN DRAINAGE -** THERMOPLASTIC STRUCTURED WALL PIPES; THERMOPLASTIC STRUCTURED WALL PIPES SHALL COMPLY WITH THE PROVISIONS OF IS EN 13476(2007/2009) AND WITH WIS 4-35-01 (2000). PIPES TO BE OF STIFFNESS CLASS 8KN/M2 AND TO BE CAPABLE OT DEMONSTRATING A JETTING RESISTANCE OF 4,000 PSI (280 BAR) WITHOUT DAMAGE WHEN TESTED IN ACCORDANCE WITH SECTION 6.10 OF WIS 4-35-01.9(PIPE DIAMETERS 150MM UP TO 450MM
2. **LOCAL CONNECTIONS FROM PRIVATE SIDE INSPECTION CHAMBERS(PSIC'S)** - UNPLASTICISED PVC; UNPLASTICISED PVC PIPES, JOINTS & FITTINGS FOR SERVICE CONNECTIONS SHALL COMPLY WITH THE PROVISIONS OF BS 4660 AND BS EN1401 - PART 1. PUSH FIT JOINTS SHALL BE SPIGOT AND SOCKET. (PIPE DIAMETER - 100MM).
3. ALL PIPES WITH LESS THAN 1200MM COVER ON ROADS TO BE ENCASED WITH 150MM CONCRETE SURROUND.REFER TO STD-WW-08
4. MATERIAL SELECTION, CONSTRUCTION AND TESTING OF ALL FOUL PIPES AND MANHOLES TO BE INACCORDANCE WITH UISCE EIREANN'S STANDARD DETAILS AND CODE OF PRACTICE

REV	DATE	DESCRIPTION	BY	APP
P03	29.09.26	ISSUED FOR INFORMATION	P.V.	I.B.
P02	14.09.26	ISSUED FOR INFORMATION	P.V.	I.B.
P01	12.03.26	ISSUED FOR INFORMATION	P.V.	I.B.

PROJECT:
DEERPARK HOUSING

TITLE:
PROPOSED FOUL DRAINAGE LAYOUT
SHEET 1

CLIENT:
ROSS-PARK RESIDENTIAL HS LIMITED

MWP
ENGINEERING AND ENVIRONMENTAL CONSULTANTS
CORK | TRALEE | LONDON | LIMERICK
mwp.ie

DRAWN:	CHECKED:	APPROVED:
P.V.	S.H.	I.B.
PROJECT NUMBER: 25123	DATE: MAR 2026	SCALE @ A1: 1:500

ACCEPTANCE CODE: S
PURPOSE OF ISSUE: ISSUED FOR INFORMATION
PURPOSE CODE: P1

DRAWING NUMBER: 25123-00-DTM-DR-MWP-CE-2100
REV: P03

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