

MH Name	FMH1	FMH2	FMH3	FMH8	FMH16	FMH25	FMH26	FMH33	FMH
Hor Scale 1000									
Ver Scale 200									
Datum (m) 0.000									
PN	F-1.000	F-1.001	F-1.002	F-1.003	F-1.004	F-1.005	F-1.006	F-1.008	
Dia (mm)	225	225	225	450	450	450	450	450	
Slope (1:X)	60.0	150.0	98.8	64.2	64.1	360.3	360.0	166.7	360.0
Cover Level (m)	8.100	7.645	7.160	6.820	6.210	5.170	4.115	3.920	3.745
Invert Level (m)	6.600	5.919	5.619	5.320	3.368	2.370	2.161	2.117	2.021
Length (m)	40.866	45.045	29.529	63.463	63.971	75.294	15.968	29.623	

MH Name	FMH4	FMH8
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-2.000	
Dia (mm)	450	
Slope (1:X)	360.0	
Cover Level (m)	7.200	6.820
Invert Level (m)	4.408	4.356
Length (m)	18.612	

MH Name	FMH5	FMH6	FMH7	FMH8
Hor Scale 1000				
Ver Scale 200				
Datum (m) 0.000				
PN	F-3.000	F-3.001	F-3.002	
Dia (mm)	225	225	225	
Slope (1:X)	60.0	150.0	96.3	
Cover Level (m)	7.000	7.060	6.605	6.820
Invert Level (m)	5.500	5.279	4.974	4.581
Length (m)	13.256	45.772	37.837	

MH Name	FMH9	FMH10	FMH11	FMH16
Hor Scale 1000				
Ver Scale 200				
Datum (m) 0.000				
PN	F-4.000			
Dia (mm)	225			
Slope (1:X)	60.0			
Cover Level (m)	6.400	6.540	6.325	6.210
Invert Level (m)	5.150	4.150	3.848	3.593
Length (m)	59.989	45.315	38.214	

MH Name	FMH12	FMH14	FMH15	FMH16
Hor Scale 1000				
Ver Scale 200				
Datum (m) 0.000				
PN	F-5.000	F-5.001	F-5.002	
Dia (mm)	225	225	225	
Slope (1:X)	60.0	150.0	97.6	
Cover Level (m)	6.345	6.300	6.010	6.210
Invert Level (m)	4.508	4.258	3.898	3.593
Length (m)	15.011	53.996	29.769	

MH Name	FMH13	FMH14
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-6.000	
Dia (mm)	225	
Slope (1:X)	60.0	
Cover Level (m)	6.350	6.300
Invert Level (m)	4.477	4.258
Length (m)	13.167	

MH Name	FMH17	FMH18	FMH19	FMH20	FMH25
Hor Scale 1000					
Ver Scale 200					
Datum (m) 0.000					
PN	F-7.000				
Dia (mm)	225				
Slope (1:X)	60.0				
Cover Level (m)	6.905	6.240	5.580	4.995	5.170
Invert Level (m)	5.405	4.416	4.021	3.495	2.595
Length (m)	59.328	59.328	52.530	52.392	

MH Name	FMH21	FMH23	FMH24	FMH25
Hor Scale 1000				
Ver Scale 200				
Datum (m) 0.000				
PN	F-8.000			
Dia (mm)	225			
Slope (1:X)	60.0			
Cover Level (m)	5.720	5.740	5.340	5.170
Invert Level (m)	3.736	3.486	3.126	2.595
Length (m)	15.011	53.996	32.029	

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Rev	Date	App	Amendment / Issue
S4 P01	08/06/22		Issued for Planning
S3 P03	08/06/22		Issue for Review and Comment
P01	26/10/21		Pre-Application Submission



Scale	As Shown @ A1 Half @ A3	Project	Castlelake SHD
Created on	24/10/2021	Title	Proposed Foul Infrastructure Longitudinal Sections (1 of 4)
Sheets	01 of 04	Status	S4
Model File Identifier	MCW1088-RPS-00-XX-DR-C-DR0102	Rev	P01

MH Name	FMH22	FMH23
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-9.000	
Dia (mm)	225	
Slope (1:X)	60.0	
Cover Level (m)	5.605	5.740
Invert Level (m)	3.705	3.486
Length (m)	13.167	

MH Name	FMH28	FMH30	FMH31	FMH32	FMH33
Hor Scale 1000					
Ver Scale 200					
Datum (m) 0.000					
PN	F-10.000	F-10.001	F-10.002	F-10.003	
Dia (mm)	225	225	225	225	
Slope (1:X)	149.3	150.1	150.0	150.0	
Cover Level (m)	4.135	4.270	3.505	3.625	3.745
Invert Level (m)	2.318	2.211	2.211	1.838	1.938
Length (m)	15.980	55.969	11.310	11.263	

MH Name	FMH29	FMH30
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-11.000	
Dia (mm)	225	
Slope (1:X)	60.0	
Cover Level (m)	4.500	4.270
Invert Level (m)	2.496	2.211
Length (m)	17.112	

MH Name	FMH34	FMH35	FMH37	FMH42	FMH47	FMH48	FMH53	FMH54	FMH66	FMH
Hor Scale 1000										
Ver Scale 200										
Datum (m) 0.000										
PN	F-12.000	F-12.001	F-12.002	F-12.003	F-12.004	F-12.005	F-12.006	F-12.007	F-12.008	
Dia (mm)	225	225	225	225	225	225	225	225	225	
Slope (1:X)	60.0	150.0	124.4	150.0	150.0	35.9	200.0	200.5	200.0	
Cover Level (m)	7.758	8.115	8.450	7.630	7.300	6.730	6.050	5.730	5.360	4.759
Invert Level (m)	6.258	5.329	4.958	4.396	4.098	3.840	3.133	3.025	2.900	2.658
Length (m)	55.715	55.715	69.886	44.656	38.756	25.356	21.574	25.063	48.272	

MH Name	FMH36	FMH37
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-13.000	
Dia (mm)	225	
Slope (1:X)	60.0	
Cover Level (m)	8.715	8.450
Invert Level (m)	5.558	4.958
Length (m)	35.984	

MH Name	FMH38	FMH39	FMH40	FMH41	FMH42
Hor Scale 1000					
Ver Scale 200					
Datum (m) 0.000					
PN	F-14.000	F-14.001	F-14.002	F-14.003	
Dia (mm)	225	225	225	225	
Slope (1:X)	60.0	150.0	150.0	150.0	
Cover Level (m)	7.630	7.370	7.915	7.835	7.630
Invert Level (m)	6.130	5.218	4.853	4.539	4.396
Length (m)	54.722	54.786	47.039	21.437	

MH Name	FMH43	FMH43a	FMH44	FMH45c	FMH46	FMH47
Hor Scale 1000						
Ver Scale 200						
Datum (m) 0.000						
PN	F-15.000	F-15.001	F-15.002	F-15.003	F-15.004	F-15.005
Dia (mm)	225	225	225	225	225	225
Slope (1:X)	60.0	150.0	150.0	150.0	22.2	33.3
Cover Level (m)	8.000	8.000	8.000	7.900	7.700	6.980
Invert Level (m)	6.900	6.433	6.190	5.964	5.205	4.098
Length (m)	27.994	36.576	7.519	26.365	16.836	36.837

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Rev	Date	Drawn	Checked	Amendment / Issue	App
S4 P01	08/04/22			Issued for Planning	
S3 P02	03/06/22			Issue for Review and Comment	
S3 P01	23/05/22			Issue for Review and Comment	
P01	26/10/21			Pre-Application Submission	



Scale	As Shown @ A1 Half @ A3	Project	Castlelake SHD
Created on	24/10/2021	Title	Proposed Foul Infrastructure Longitudinal Sections (2 of 4)
Sheets	02 of 04	Status	S4
Model File Identifier	MCW1088-RPS-00-XX-DR-C-DR0102	Rev	P01

MH Name	FMH49	FMH50	FMH51	FMH52	FMH53
Hor Scale 1000					
Ver Scale 200					
Datum (m) 0.000					
PN	F-16.000	F-16.001	F-16.002	F-16.003	
Dia (mm)	225	225	225	225	
Slope (1:X)	36.2	150.0	150.0	150.0	
Cover Level (m)	7.155	5.820	5.675	5.830	6.050
Invert Level (m)	5.200	3.870	3.575	3.369	3.133
Length (m)	48.121	44.313	30.800	35.409	

MH Name	FMH55	FMH56	FMH57	FMH58	FMH59	FMH61	FMH63	FMH66
Hor Scale 1000								
Ver Scale 200								
Datum (m) 0.000								
PN	F-17.000	F-17.001	F-17.002	F-17.003	F-17.004	F-17.005	F-17.006	F-17.007
Dia (mm)	225	225	225	225	225	225	225	225
Slope (1:X)	60.0	150.0	150.0	150.0	64.0	150.4	71.4	58.3
Cover Level (m)	6.915	6.590	6.530	6.100	6.055	5.800	5.610	5.445
Invert Level (m)	5.415	4.701	4.650	4.270	4.232	3.693	3.530	2.900
Length (m)	42.824	7.696	57.007	5.711	34.491	24.509	20.431	20.060

MH Name	FMH60	FMH61
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-18.000	
Dia (mm)	225	
Slope (1:X)	60.0	
Cover Level (m)	5.610	5.800
Invert Level (m)	4.035	3.693
Length (m)	20.534	

MH Name	FMH62	FMH63
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-19.000	
Dia (mm)	225	
Slope (1:X)	58.8	
Cover Level (m)	5.405	5.610
Invert Level (m)	3.905	3.530
Length (m)	22.048	

MH Name	FMH64	FMH65
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-20.000	
Dia (mm)	225	
Slope (1:X)	25.7	
Cover Level (m)	6.050	5.445
Invert Level (m)	4.550	3.244
Length (m)	33.622	

MH Name	FMH67	FMH68	FMH74	FMH75	FMH76	FMH77	FMH
Hor Scale 1000							
Ver Scale 200							
Datum (m) 0.000							
PN	F-21.000	F-21.001	F-21.002	F-21.003	F-21.004	F-21.005	
Dia (mm)	225	225	225	225	225	225	
Slope (1:X)	46.2	79.1	200.0	200.0	200.0	200.0	
Cover Level (m)	5.490	4.600	4.100	3.900	3.800	3.610	3.305
Invert Level (m)	3.990	3.100	2.383	2.315	2.206	2.087	2.083
Length (m)	41.143	56.708	13.525	21.929	23.702	10.813	

MH Name	FMH69	FMH70	FMH71	FMH72	FMH73	FMH74
Hor Scale 1000						
Ver Scale 200						
Datum (m) 0.000						
PN	F-22.000	F-22.001	F-22.002	F-22.003	F-22.004	
Dia (mm)	225	225	225	225	225	
Slope (1:X)	45.3	94.2	150.0	150.0	134.5	
Cover Level (m)	5.345	4.760	4.380	4.335	4.135	4.100
Invert Level (m)	3.845	3.260	2.880	2.829	2.580	2.383
Length (m)	26.509	35.791	7.702	37.232	26.487	

MH Name	FMH78	FMH79	FMH82	FMH83	FMH84	FMH
Hor Scale 1000						
Ver Scale 200						
Datum (m) 0.000						
PN	F-23.000	F-23.001	F-23.002	F-23.003	F-23.004	F-23.005
Dia (mm)	225	225	225	225	225	225
Slope (1:X)	60.0	150.0	150.0	150.0	146.9	
Cover Level (m)	6.920	6.350	6.755	6.630	6.540	6.850
Invert Level (m)	5.420	5.051	4.865	4.701	4.593	4.178
Length (m)	22.150	29.449	23.019	16.151	14.198	56.839

MH Name	FMH80	FMH81
Hor Scale 1000		
Ver Scale 200		
Datum (m) 0.000		
PN	F-24.000	
Dia (mm)	225	
Slope (1:X)	36.8	
Cover Level (m)	6.855	6.755
Invert Level (m)	5.355	4.855
Length (m)	18.408	

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Rev	Date	App	Amendment / Issue
S4	08/06/22	DRG	Issued for Planning
S3	02/03/22	DRG	Issue for Review and Comment
S3	20/05/22	DRG	Issue for Review and Comment
P01	26/10/21	DRG	Pre-Application Submission



Model File Identifier
MCW1088-RPS-00-XX-DR-C-DR0102

Scale	Project	Title	Status	Rev
As Shown @ A1 Half @ A3	Castlelake SHD	Proposed Foul Infrastructure Longitudinal Sections (3 of 4)	S4	P01
Created on 24/10/2021				
Sheets 03 of 04				
File Identifier MCW1088-RPS-00-XX-DR-C-DR0102-03				

MH Name	FMH85	FMH87	FMH90 FMH
Hor Scale 1000 Ver Scale 200			
Datum (m) 0.000	F-25.001		
PN	F-25.000	F-25.002	
Dia (mm)	225	225	225
Slope (1:X)	60.0	150.0	200.0
Cover Level (m)	6.560	6.700	6.845
Invert Level (m)	4.884	4.423	4.202
Length (m)	27.673	33.080	4.901

MH Name	FMH86	FMH87
Hor Scale 1000 Ver Scale 200		
Datum (m) 0.000	F-26.000	
PN	F-26.000	
Dia (mm)	225	
Slope (1:X)	60.0	
Cover Level (m)	6.450	6.700
Invert Level (m)	5.016	4.423
Length (m)	35.600	

MH Name	FMH88	FMH89 FMH90
Hor Scale 1000 Ver Scale 200		
Datum (m) 0.000	F-27.000	
PN	F-27.001	
Dia (mm)	225	225
Slope (1:X)	60.0	150.0
Cover Level (m)	6.800	6.885
Invert Level (m)	5.300	3.5022
Length (m)	16.692	

MH Name	FMH91	FMH92	FMH93	FMH
Hor Scale 1000 Ver Scale 200				
Datum (m) 0.000	F-28.001			
PN	F-28.000	F-28.002		
Dia (mm)	225	225	225	
Slope (1:X)	60.0	150.0	108.7	
Cover Level (m)	5.150	5.000	5.000	5.534
Invert Level (m)	3.650	3.331	3.170	2.794
Length (m)	19.125	24.137	40.864	

MH Name	FMH94	FMH
Hor Scale 1000 Ver Scale 200		
Datum (m) 0.000	F-29.000	
PN	F-29.000	
Dia (mm)	225	
Slope (1:X)	150.0	
Cover Level (m)	5.500	4.473
Invert Level (m)	2.734	2.681
Length (m)	8.000	

MH Name	FMH95	FMH96 FMH
Hor Scale 1000 Ver Scale 200		
Datum (m) 0.000	F-30.001	
PN	F-30.000	
Dia (mm)	225	225
Slope (1:X)	60.1	150.0
Cover Level (m)	7.150	6.850
Invert Level (m)	6.018	5.624
Length (m)	23.667	19.912

MH Name	FMH97	FMH98 FMH99	FMH
Hor Scale 1000 Ver Scale 200			
Datum (m) 0.000	F-31.001		
PN	F-31.000	F-31.002	
Dia (mm)	225	225	225
Slope (1:X)	60.0	150.0	150.0
Cover Level (m)	7.100	6.550	6.000
Invert Level (m)	5.488	5.126	5.011
Length (m)	22.300	4.294	3.038

MH Name	FMH100	FMH101 FMH
Hor Scale 1000 Ver Scale 200		
Datum (m) 0.000	F-32.000	
PN	F-32.000	F-32.001
Dia (mm)	225	225
Slope (1:X)	60.0	150.0
Cover Level (m)	4.000	3.200
Invert Level (m)	2.500	1.803
Length (m)	41.848	6.976

MH Name	FMH102	FMH
Hor Scale 1000 Ver Scale 200		
Datum (m) 0.000	F-33.000	
PN	F-33.000	
Dia (mm)	225	
Slope (1:X)	60.0	
Cover Level (m)	3.400	3.300
Invert Level (m)	1.900	1.293
Length (m)	36.397	

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Rev	Date	Drawn	Checked	Amendment / Issue	App
S4	08/06/22			Issued for Planning	
S3	03/06/22			Issue for Review and Comment	
S3	23/05/22			Issue for Review and Comment	
P01	26/10/21			Pre-Application Submission	

Model File Identifier
MCW1088-RPS-00-XX-DR-C-DR0101

Scale	Project
As Shown @ A1 Half @ A3	Castlelake SHD
Created on 24/10/2021	Title Proposed Foul Infrastructure Longitudinal Sections (4 of 4)
Sheets 04 of 04	Status S4
File Identifier MCW1088-RPS-00-XX-DR-C-DR0101-04	Rev P01