



- 1 STA. 20+091.689, 5.185m, L.T. - STA. 10+018.140, 4.528m, RT.
NEW 450mm X 21.5m CPEP (SL)
INV. IN = 138.560, INV. OUT = 138.300
NEW CB (CB-1), RIM = 139.871
WITH CAST IRON GRATE, TYPE D
- 2 STA. 20+091.309, 4.582m, RT. - STA. 20+112.400, 9.308m, RT.
NEW 450mm X 20.4m CPEP (SL)
INV. IN = 138.493, INV. OUT = 138.394
NEW CB (CB-2), RIM = 139.884
WITH CAST IRON GRATE, TYPE D
- 3 STA. 20+112.400, 9.308m, RT. - STA. 9+984.526, 9.715m, L.T.
NEW 450mm X 15.8m CPEP (SL)
INV. IN = 138.369, INV. OUT = 138.292
NEW CB (CB-3), RIM = 138.899
WITH CAST IRON GRATE, TYPE D
- 4 STA. 9+984.526, 9.715m, L.T. - STA. 9+981.999, 8.130m, RT.
NEW 450mm X 16.7m CPEP (SL)
INV. IN = 138.266, INV. OUT = 138.185
NEW CB (CB-4), 1.5m DIA., RIM = 139.911
WITH CAST IRON GRATE, TYPE D
- 5 STA. 9+981.999, 8.130m, RT. - STA. 20+147.920, 8.013m, RT.
NEW 450mm X 5.4m CPEP (SL)
INV. IN = 138.160, INV. OUT = 138.136
NEW CB (CB-5), RIM = 139.931
WITH CAST IRON GRATE, TYPE D
- 6 STA. 20+147.920, 8.013m, RT. - STA. 20+147.380, 12.084m, L.T.
NEW 600mm X 18.9m CPEP (SL)
INV. IN = 138.111, INV. OUT = 138.019
NEW CB (CB-6), RIM = 139.958
WITH CAST IRON GRATE, TYPE D
- 7 STA. 20+147.380, 12.084m, L.T. - STA. 10+016.639, 17.403m, RT.
NEW 600mm X 10.8m CPEP (SL)
INV. IN = 137.994, INV. OUT = 137.941
NEW CB (CB-7), RIM = 139.909
WITH CAST IRON GRATE, TYPE D
NEW END SECTION AT OUTLET
- 8 STA. 9+971.689, 5.208m, L.T. - STA. 9+984.526, 9.715m, L.T.
NEW 450mm X 12.3m CPEP (SL)
INV. IN = 138.329, INV. OUT = 138.270
NEW CB (CB-8), RIM = 139.666
WITH CAST IRON GRATE, TYPE D
- 9 STA. 9+957.241, 3.468m, L.T. - STA. 9+971.689, 5.208m, L.T.
NEW 450mm X 13.4m CPEP (SL)
INV. IN = 138.393, INV. OUT = 138.329
NEW CB (CB-9), RIM = 139.477
WITH CAST IRON GRATE, TYPE D
- 10 NOT USED ON THIS PROJECT
- 11 STA. 10+034.955, 4.381m, L.T. - STA. 10+018.140, 11.657m, L.T.
NEW 450mm X 17.0m CPEP (SL)
INV. IN = 138.331, INV. OUT = 138.248
NEW CB (CB-10), RIM = 139.611
WITH CAST IRON GRATE, TYPE D

**STA. 20 + 261.702
END PROJECT
STP 030-2(27)
BEGIN APPROACH**

MATCHLINE - STA. 20+080 - SEE DRAINAGE PLAN I

**STA. 9 + 910.905
END APPROACH
BEGIN PROJECT
STP 030-2(27)**

- EX1 STA. 9+957.795, 5.049m, L.T. - STA. 9+958.165, 5.568m, RT.
REMOVE EXISTING 380mm CGMP X 10.63m CULVERT AND HEADWALL AT OUTLET
- EX2 STA. 9+958.031, 7.122m, RT. - STA. 9+978.201, 14.287m, RT.
REMOVE EXISTING 460mm RCP CULVERT AND HEADWALLS AT OUTLET AND INLET
- EX3 STA. 9+979.540, 14.647m, RT. - STA. 20+151.897, 12.496m, L.T.
REMOVE EXISTING 460mm RCP CULVERT AND HEADWALLS AT OUTLET AND INLET
- EX4 STA. 9+926.160, 8.881m, L.T. - STA. 9+944.514, 14.683m, RT.
REMOVE EXISTING XXXmm RCP CULVERT WITHIN R.O.W. ONLY

LEGEND

- GRASS LINED CHANNEL FOR STORMWATER
- FLUSHING BASIN

- U1 STA. 20+080, 3.657m, L.T. - STA. 20+091.689, 5.185m, L.T.
NEW 200mm X 40.1m UNDERDRAIN
NEW 200mm X 4.5m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 20+046.892, 7.309m, L.T.
- U2 STA. 20+080, 3.288m, RT. - STA. 20+091.309, 4.582m, RT.
NEW 200mm X 40.5m UNDERDRAIN
NEW 200mm X 3.5m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 20+047.566, 6.910m, RT.
- U3 STA. 20+091.689, 5.185m, L.T. (CB-1) - STA. 10+018.140, 11.657m, L.T. (CB-13)
NEW 200mm X 22.0m UNDERDRAIN
NEW 200mm X 1.5m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 20+091.689, 5.185m, L.T. (CB-1)
- U4 STA. 20+091.309, 4.582m, RT. (CB-2) - STA. 20+112.400, 9.308m, RT. (CB-3)
NEW 200mm X 21.0m UNDERDRAIN
NEW 200mm X 1.5m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 20+091.309, 4.582m, RT. (CB-2)
- U5 STA. 20+255.331, 7.782m, L.T. - STA. 20+147.380, 12.084m, L.T. (CB-7)
NEW 200mm X 106.7m UNDERDRAIN
NEW 200mm X 3.1m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 20+255.331, 7.782m, L.T.
- U6 STA. 20+255.331, 7.308m, RT. - STA. 20+147.920, 8.013m, RT. (CB-6)
NEW 200mm X 105.3m UNDERDRAIN
NEW 200mm X 2.5m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 20+255.331, 7.308m, RT.
- U7 STA. 9+913.839, 6.123m, L.T. - STA. 9+957.241, 3.468m, L.T. (CB-9)
NEW 200mm X 41.3m UNDERDRAIN
NEW 200mm X 2.3m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 9+913.839, 6.123m, L.T.
- U8 STA. 9+913.839, 6.407m, RT. - STA. 9+946.408, 3.280m, RT. (CB-5)
NEW 200mm X 66.7m UNDERDRAIN
NEW 200mm X 2.8m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 9+913.839, 6.407m, RT.
- U9 STA. 9+971.689, 5.208m, L.T. (CB-8) - STA. 9+957.241, 3.468m, L.T. (CB-9)
NEW 200mm X 14.3m UNDERDRAIN
NEW 200mm X 1.5m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 9+971.689, 5.208m, L.T. (CB-8)
- U10 STA. 9+984.526, 9.715m, L.T. (CB-4) - STA. 9+971.689, 5.208m, L.T. (CB-8)
NEW 200mm X 12.8m UNDERDRAIN
NEW 200mm X 1.5m UNDERDRAIN CARRIER PIPE
NEW FLUSHING BASIN AT 9+984.526, 9.715m, L.T. (CB-4)



PROJECT NAME:	CAMBRIDGE	PLOT DATE:	05-JUN-2012
PROJECT NUMBER:	STP 030-2(27)	DRAWN BY:	MBL
FILE NAME:	+78f163bdr.dgn	DESIGNED BY:	JAD
PROJECT LEADER:	JLS	CHECKED BY:	JAD
DRAINAGE PLAN 2		SHEET	54 OF 214