

DRAINAGE DETAIL SHEET

LOCATION			PIPE					DRAINAGE STRUCTURES					REMARKS		
BEGIN STATION	END STATION	POS.	D IN	L FT	ALLOWABLE OPTIONS			TRENCH EX. OF EARTH CY	ES EA	DEPTH DI FT	CLASS B CONC. CY	REINF. STEEL, LEV. I LB		DI GRATE TYPE	TRENCH EX. OF EARTH CY
					PCCSP	RCP CL III	CPEP (SL)								
TH 10 (RIPLEY ROAD/DORR DRIVE)															
4+25.0		LT								4.5	2.70	211	D	8.0	NEW 4X4 RCDI WITH VERTICAL CURB.
4+26.0	6+09.0	LT	18	180	X	X	X	91.0							NEW PIPE WITH RCDI AT INLET AND OUTLET. SHARED TRENCH WITH UNDERDRAIN.
5+93.0		LT								6.0	3.34	265	D	13.0	NEW 4X4 RCDI.
5+93.0	6+11.0	LT	18	36	X	X	X	6.0							NEW PIPE WITH RCDI AT INLET AND OUTLET.
6+11.0		LT								5.5	3.12	242	D	9.0	NEW 4X4 RCDI WITH VERTICAL CURB.
6+12.0	6+46.4	LT	18	34	X	X	X	12.0							NEW PIPE WITH RCDI AT INLET AND OUTLET. SHARED TRENCH WITH UNDERDRAIN.
6+48.6		LT								6.0	3.34	265	D	11.0	NEW 4X4 RCDI.
6+48.6	6+48.6	LT	18	12	X	X	X	3.0							NEW PIPE WITH RCDI AT INLET AND OUTLET.
6+48.6		LT								6.0	4.31	319	D	13.0	NEW 4X6 RCDI WITH TWO GRATES, WITH VERTICAL CURB.
6+48.6	7+36.5	LT	18	86	X	X	X	26.0							NEW PIPE WITH RCDI AT INLET AND OUTLET. SHARED TRENCH WITH UNDERDRAIN.
7+36.5		LT								8.5	4.44	380	D	2.0	NEW 4X4 RCDI WITH VERTICAL CURB AND UNDERDRAIN OUTLET.
7+36.5	7+55.8	LT/RT	18	46	X	X	X	1.0	I						NEW PIPE WITH RCDI AT INLET AND END SECTION AT OUTLET.
9+47.4	10+63.1	LT	24	108	X	X	X	235.0	I						NEW PIPE WITH RCDI AT INLET AND END SECTION AT OUTLET.
10+65.0		LT								10.5	5.32	472	D	15.0	NEW 4X4 RCDI WITH VERTICAL CURB AND UNDERDRAIN OUTLET.
10+65.6	12+10.6	LT	24	136	X	X	X	126.0							NEW PIPE WITH RCDI AT INLET AND OUTLET.
12+12.0		LT								6.0	3.34	265	D	8.0	NEW 4X4 RCDI WITH VERTICAL CURB.
12+12.6	12+31.1	LT/RT	18	37	X	X	X	16.0							NEW PIPE WITH RCDI AT INLET AND OUTLET.
12+32.0		RT								5.0	2.90	234	D	11.0	NEW 4X4 RCDI.
12+13.0	12+84.0	LT	24	71	X	X	X	44.0							NEW PIPE WITH RCDI AT INLET AND OUTLET.
12+85.0		LT								6.0	3.34	265	D	8.0	NEW 4X4 RCDI WITH VERTICAL CURB.
12+85.0	12+95.3	LT/RT	24	36	X	X	X	16.0							NEW PIPE WITH RCDI AT INLET AND OUTLET.
12+95.0		RT								3.5	2.23	180	D	8.0	NEW 4X4 RCDI.
12+97.0		RT												8.0	REMOVE EXISTING DI AND ABANDON PIPE. SEE ABANDONING PIPE DETAIL, PLAN LAYOUT SHEET #3, SHEET 35.
SUBTOTALS:			18		431	431	431	576.0	I		38.4	3,098		106.0	8.0
ROUNDING			24		351	351	351	-	I		1.6	2		-	-
TOTALS:											40.00	3,100		-	-

FILE NAME = W:\P\c\projects\ANY\K2\2015\CADD\MSTN\08\096\ecmsul\ants\208\096\dds.dgn
 DATE/TIME = 6/30/2014
 USER = 4916



**DRAINAGE
DETAIL
SHEET**

PROJECT NAME: RUTLAND CITY
 PROJECT NUMBER: BRF 3000 (I9)

PROJECT LEADER: M.D.S.
 DESIGNED BY: C.R.H.
 CHECKED BY: D.E.G.
 DWG. NO.: DDS-I

PLOT DATE: 6/30/2014
 DRAWN BY: C.R.H.
 SHEET 29 OF 245