

DRAINAGE DETAIL SHEET



STATION km + m	STATION km + m	POS.	ASKEW no. deg.	INLET/OUTLET TYPE		DITCH		PIPE ARCH			PIPE		ALLOWABLE OPTIONS						PIPE ELBOW no. deg.	ES ea	CB ea	DEPTH DI mm	CONC CLASS B m³	REINF STEEL kg	DI GRATE type	CHAN ELEV ea	CRM m³	TRENCH EXCAVATION		COMM EXC m³	UNC CHAN EXC m³	STRUCT EXCAV m³	GRAN BK FILL STRUCT m³	GRAN BORR m³	EROS MATT m²	STONE FILL		MARKER POSTS		REMARKS			
				INLET	OUTLET	IN	OUT	SPAN mm	RISE mm	L m	D mm	L m	PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP SL mm	PCCSP PI mm										EARTH m³	ROCK m³							m³	m³	m³	m³		m³	m³	m²
1	1+98.830	1+121.800	LT		DI	STONE						450	24.00																											REMOVE EXISTING 450 CGMP			
2	1+121.852		LT																X									1.6										REMOVE EXISTING DROP INLET					
1	1+035.000		LT		FB	UD						150	3.00																										FLUSHING BASIN, AND CARRIER PIPE				
2	1+035.000	1+053.000	LT		CP	CP						150	19.00																										UNDERDRAIN				
3	1+053.000	1+060.000	LT/RT		UD	CB						150	11.00																										CARRIER PIPE TO CATCH BASIN				
4	1+040.000		RT		FB	CP						150	4.00																										FLUSHING BASIN, AND CARRIER PIPE				
5	1+041.500	1+058.500	RT		CP	CP						150	16.00																										UNDERDRAIN				
6	1+058.500	1+060.000	RT		UD	CB						150	2.00																										CARRIER PIPE TO CATCH BASIN				
7	1+045.000		RT			PIPE														X																			1200 PRECAST REIN. CONCRETE CATCH BASIN				
8	1+045.500	1+059.500	RT		CB	CB						450	13.00	X	X																								450 PIPE				
9	1+060.000		RT		PIPE	PIPE														X																			1200 PRECAST REIN. CONCRETE CATCH BASIN				
10	1+060.400	1+073.400	RT		CB	STONE						450	15.00	X	X																								450 PIPE TO OUTLET TO CHANNEL STONE FILL				
11	1+100.333	1+104.533	LT		CB	STONE						450	5.00	X	X																								450 PIPE TO OUTLET TO CHANNEL STONE FILL				
12	1+105.000		LT		PIPE	PIPE															X																		1200 PRECAST REIN. CONCRETE CATCH BASIN				
13	1+105.150	1+109.830	LT/RT		CB	CB						450	14.00	X	X																								450 PIPE				
14	1+110.000		RT		CP	PIPE															X																		1200 PRECAST REIN. CONCRETE CATCH BASIN				
15	1+105.493	1+119.548	LT		CB	CB						450	16.00	X	X																								450 PIPE				
16	1+120.000		LT			PIPE															X																		1200 PRECAST REIN. CONCRETE CATCH BASIN				
17	1+110.400	1+112.000	RT		UD	CB						150	2.00																										CARRIER PIPE TO CATCH BASIN				
18	1+112.000	1+140.000	RT		CP	CP						150	27.00																										UNDERDRAIN				
19	1+140.000		RT		FB	CP						150	3.00																										FLUSHING BASIN, AND CARRIER PIPE				
20	1+120.000	1+123.250	LT		UD	CB						150	7.00																										CARRIER PIPE TO CATCH BASIN				
21	1+123.250	1+140.000	LT		CP	CP						150	17.00																										UNDERDRAIN				
22	1+140.000		LT		FB	CP						150	3.00																										FLUSHING BASIN, AND CARRIER PIPE				
				TOTAL MARKER POST		2	EA	TOTAL 150mm CARRIER PIPE				35.0	M	TOTAL CB				5	TOTAL																								
								TOTAL 150mm UNDER DRAIN				79.0	M	TOTAL GRATE (TYPE E)				5																									
								TOTAL 450mm PIPE				63.0	M																														

STONE = CHANNEL
STONE FILL

FB = FLUSHING BASIN

CP = CARRIER PIPE

UD = UNDERDRAIN

CB = PRECAST REINFORCED
CONCRETE CATCH BASIN

□ DENOTES ITEMS
TO BE REMOVED

○ DENOTES NEW ITEMS
TO BE PLACED

PROJECT NAME: **READSBORO**

PROJECT NUMBER: **BRF 0105 (3)**

FILE NAME: **89j088/STR/s89j088forms.dgn**

PROJECT LEADER: **J. LACROIX**

DESIGNED BY: **G.ROKES**

DRAINAGE DETAIL SHEET

PLOT DATE: **12/28/2011**

DRAWN BY: **G. ROKES**

CHECKED BY: **W. PELLETIER**

SHEET **10** OF **90**