Metric

DRAINAGE DETAIL SHEET - STP 0126(4)S

SUMMARY OF ESTIMATED QUANTITIES

STATION km + m	STATION km + m	POS.	ASKEW	INLET / OUTLET TYPE		DITCH		PIPE		PIPE ARCH			ALLOWABLE OPTIONS						PIPE ELBOW	ES	CB	PRCCDI	DEPTH DI	CONC CL B	REINF STEEL	GRATE	CHAN ELEV	CRM	TRENCH EXCAVATION		COMM EXC	UNC CHAN EXC	STRUCT EXCAV	GRAN BKFILL STRUCT	GRAN BORR	EROS MATT	STONE FILL		GEO-TEXTILE MAT.	MARKER POSTS		⟨#⟩	REMARKS
				INLET	OUTLET	IN	OUT	D mm	L m	SPAN mm	RISE mm	L m	PCCSP mm	CAAP mm	RCP CL	CSP mm	CPEP SL	CPEP ✓	NO. DEG	EA.	EA.		mm	m^3	kg	TYPE	EA.	m^3	EARTH m^3	ROCK m^3	m^3	m^3	m^3	m^3	m^3	m^3	m^3	TYPE	m^2	LT ea.	RT ea.		
UNDERDRAIN																																											
10+592	10+509.5	LT	–	–	–	–	–	150	81.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	65.04	–	–	–	–	–	–	–	–	–	–	–	–	U1	–
10+650	10+592	LT	–	–	–	–	–	150	56.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	63.62	–	–	–	–	–	–	–	–	–	–	–	–	U2	CONSTRUCT 1 FLUSHING BASIN
10+728	10+650	LT	–	–	–	–	–	150	76.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	116.74	–	–	–	–	–	–	–	–	–	–	–	–	U3	CONSTRUCT 1 FLUSHING BASIN
10+728	10+810	LT	–	–	–	–	–	150	82	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	164.00	–	–	–	–	–	–	–	–	–	–	–	–	U4	–
10+845	10+940	LT	–	–	–	–	–	150	93.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	82.54	–	–	–	–	–	–	–	–	–	–	–	–	U5	CONSTRUCT 1 FLUSHING BASIN
11+100	11+000	LT	–	–	–	–	–	150	100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	56.00	–	–	–	–	–	–	–	–	–	–	–	–	U6	CONSTRUCT 1 FLUSHING BASIN
11+195	11+100	LT	–	–	–	–	–	150	95	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	106.40	–	–	–	–	–	–	–	–	–	–	–	–	U7	–
11+230	11+277	LT	–	–	–	–	–	150	47	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	37.60	–	–	–	–	–	–	–	–	–	–	–	–	U8	CONSTRUCT 1 FLUSHING BASIN
11+352	11+277	LT	–	–	–	–	–	150	75	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	84.00	–	–	–	–	–	–	–	–	–	–	–	–	U9	CONSTRUCT 1 FLUSHING BASIN
11+450	11+370	LT	–	–	–	–	–	150	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	96.00	–	–	–	–	–	–	–	–	–	–	–	–	U10	CONSTRUCT 1 FLUSHING BASIN
11+450	11+552	LT	–	–	–	–	–	150	102	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	89.76	–	–	–	–	–	–	–	–	–	–	–	–	U11	–
11+552	11+600	LT	–	–	–	–	–	150	48	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	49.92	–	–	–	–	–	–	–	–	–	–	–	–	U12	–
11+600	11+650	LT	–	–	–	–	–	150	50	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	52.00	–	–	–	–	–	–	–	–	–	–	–	–	U13	–
11+650	11+680	LT	–	–	–	–	–	150	30	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	43.20	–	–	–	–	–	–	–	–	–	–	–	–	U14	–
12+120	12+200	LT	–	–	–	–	–	150	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	76.80	–	–	–	–	–	–	–	–	–	–	–	–	U15	CONSTRUCT 1 FLUSHING BASIN
12+280	12+200	LT	–	–	–	–	–	150	80	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	70.40	–	–	–	–	–	–	–	–	–	–	–	–	U16	–
12+380	12+280	LT	–	–	–	–	–	150	100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	104.00	–	–	–	–	–	–	–	–	–	–	–	–	U17	CONSTRUCT 1 FLUSHING BASIN
12+438	12+380	LT	–	–	–	–	–	150	58	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	64.96	–	–	–	–	–	–	–	–	–	–	–	–	U18	CONSTRUCT 1 FLUSHING BASIN
12+455	12+530	LT	–	–	–	–	–	150	75	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	84.00	–	–	–	–	–	–	–	–	–	–	–	–	U19	CONSTRUCT 1 FLUSHING BASIN
12+530	12+600	LT	–	–	–	–	–	150	70	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	67.20	–	–	–	–	–	–	–	–	–	–	–	–	U20	CONSTRUCT 1 FLUSHING BASIN
12+600	12+700	LT	–	–	–	–	–	150	100	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	96.00	–	–	–	–	–	–	–	–	–	–	–	–	U21	–
12+700	12+781	LT	–	–	–	–	–	150	81	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	97.20	–	–	–	–	–	–	–	–	–	–	–	–	U22	–
12+781	12+860	LT	–	–	–	–	–	150	79	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	82.16	–	–	–	–	–	–	–	–	–	–	–	–	U23	–

DATUM

VERTICAL NGVD 1929

HORIZONTAL NAD 1927

V:\1261\CADD\PLANS\SUMMARY_DRAINAGE_C2.DWG

THE LOUIS BERGER GROUP, INC.

PROJECT: GRAFTON–ROCKINGHAM, ROUTE 121

PROJECT NO. : STP 0126(4)S

DESIGN FILE NAME:
IPARM FILE NAME:
SURVEYED BY:
SQUAD LEADER:

PLOT DATE: 12/08/03
SURVEY DATE:
DRAWN BY:
SHEET: 8 OF 116