



BENCH MARK
IRON PIPE SET
STA. 3+453.214,
14.437m LT.
ELEV. = 191.944

194	191.383	191.441	191.663	191.724	191.775	191.816	191.845	191.864	191.871	194
193	80 m V.C. PVI STA = 3+360 PVI ELEV = 191.200 SSD EXCEEDS DESIGN VALUE SSD > 204		100 m V.C. PVI STA = 3+460 PVI ELEV = 191.980 SSD EXCEEDS DESIGN SPEED SSD > 204m		EX. STM. MH STA. 3+457.45, 10.020m RT. COVER 191.847 150mm NW & NE 189.115 150mm NW & E 188.804 300mm NE 190.033 RECONSTRUCT TO GRADE COVER 191.777		CB NO. 3A, AS PER PLAN STA. 3+462.000, 9.0m RT. GRATE 191.390 300mm W 190.083 150mm E&W 190.383		193	
192	P.V.T. STA. 3+400 ELEV. 191.512		P.V.C. STA. 3+410 ELEV. 191.590		EX. 150mm GAS		5.0m - 300mm CONDUIT TYPE B @ 1.00%		192	
191	0.780%		PROFILE GRADE 1.5m LT.		EX. 89mm TELF. F.D.		2.5m - 300mm CONDUIT TYPE B		191	
190	70.5m - 900mm CONDUIT, TYPE B @ 0.16%		EX. 300mm WATER		EX. 300mm SIM.		EX. 300mm		190	
189	EX. 600mm SIM.		EX. 200mm SAN.		EX. 200mm SAN.		CONCRETE COLLAR		189	
188	EX. 200mm SAN.		300mm TEE		EX. SAN. MH STA. 3+446.334, 9.4180m RT. COVER 191.73 200mm E&W ADJUST TO GRADE COVER 191.596		MANHOLE NO. 3 W/1500mm BASE, A.P.P. STA. 3+450.484, 7.172m RT. COVER 191.640		188	
187	EX. 200mm SAN.		EX. STM. MH (TO BE REMOVED) STA. 3+450.463, 7.2800m RT. COVER 191.68 600mm W 188.786 450mm S 188.809 300mm SE 188.894		EX. SAN. MH STA. 3+452.276, 11.3496m RT. COVER 191.80 ADJUST TO GRADE COVER 191.825		FLEXIBLE WATERTIGHT COUPLING * 7.0m - 200mm CONDUIT TYPE B @ 1.62%		187	
186	EX. 200mm SAN.		EX. SAN. MH STA. 3+463.837, 7.877m LT. COVER 191.90 RECONSTRUCT TO GRADE COVER 191.725		EX. SAN. MH STA. 3+463.837, 7.877m LT. COVER 191.90 RECONSTRUCT TO GRADE COVER 191.725		EX. SAN. MH STA. 3+463.837, 7.877m LT. COVER 191.90 RECONSTRUCT TO GRADE COVER 191.725		186	
185	EX. 200mm SAN.		EX. SAN. MH STA. 3+463.837, 7.877m LT. COVER 191.90 RECONSTRUCT TO GRADE COVER 191.725		EX. SAN. MH STA. 3+463.837, 7.877m LT. COVER 191.90 RECONSTRUCT TO GRADE COVER 191.725		EX. SAN. MH STA. 3+463.837, 7.877m LT. COVER 191.90 RECONSTRUCT TO GRADE COVER 191.725		185	
	191.54	191.64	191.76	191.89	191.96	191.96	191.96	191.91	191.91	
	3+400		3+420		3+440		3+460			

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* STATION 3+473.000 TO STATION 3+483.000 SANITARY SEWER REPLACEMENT - 100% LOCAL PARTICIPATION