

R	ESIDENTIAL POPULATION		s						SANIT	ARY SE	WER D	ESIGN SI	HEET								
	THE FOLLOWING POPUL	ATION ALL	OWANC	ES WILL AF	PLY WHE	DESIGNIN	G SANI	TARYS	EWERS:												DATE
(A)	HECTARE BASIS									CITY	OF LO	NDON									DESIC
	LOW DENSITY (SINGLE F	AMILY/SEA	AI-DETA	CHED)	= 44 UNIT	S/HA @ 3 PL	EOPLE/	UNIT													CHEC
	MEDIUM DENSITY (TOW	NHOUSES)			= 75 UNIT	S/HA @ 2.4	PEOPL	E/UNIT	CITY	ENGIN	EER'S L	EPARTME	ENT								FILE N
	HIGH DENSITY				= 150-350	UNITS/HA @	D 1.6 PI	EOPLE	UNIT												SHEE
	COMMERCIAL				= 100 PEC	PLE/HA															
	INDUSTRIAL				= 150 PEC	PLE										DESIG		AI			
																SEWA	GE =	230	L/capita/day		0.00
(B)	LOT BASIS															INFILT	RATION =				
	SINGLE FAMILY =				= 3 PEOF	= 3 PEOPLE PROJECT NAME : REIMAGINE Southdale								PEAKING FACTOR = HARMON FORMULA				IULA	M = 1 +		
	DUPLEX / SEMI				= 6 PEOP	LE			551-1211	Southda	le Road E										
	LOCATION			ARE	REA (HECTARES)				POPULATION			SEWAGE FLOW			SEWER D			ESIGN			
AREA	STREET	FROM	TO	NET OR	DELTA	TOTAL	PER	PER	No. OF	DELTA	TOTAL	M	SEWAGE	INFILT.	TOTAL	DIA.	SLOPE		VELOCITY	CAP.	LENG
No.		M.H.	M.H.	GROSS	AREA ha	AREA ha	ha	Unit	Units	POP.	POP.	Min.2.0	l/s	l/s	l/s	mm	%	n	m/s	1/s	M
	Existing	A		4.32	4.32	4.32	1						-	0.432	0.43						
4	Townhouses		-			7		2.4	166	398.4	398.4	2	2.121		2.55	200	0.44	0.013	0.69	21.760	
	Proposed			4.32	4.32	4.32	-					00		0.432	0.43	·					ē
	Townhouses							2.4	98	235.2	235.2	2	1.252	Prindsabo	1.68	2					
1	Apartments						-	1.6	167	267.2	502.4	2	2.675		4.36	200	0.44	0.013	0.69	21.760	
-																					
1																					
				_																	

Notes:

1. Unit counts taken from Thier and Curran Architects ZBA Master Plan, dated June 1, 2022

2. Size and slope of outlet to Southdale taken from City File: 4895; Damas and Smith Limited As-Constructed Drawing Dated August 1975

3. Design Criteria from City of London DS&RM March 2022 update.

Thier and Curren Architects REIMAGINE Southdale

TE :					June 2022		
SIGNED	DV ·				AMTJ		
ECKED					ANITJ		
E No :	<u>.</u>				21-2059		
EET :					1-2033		
					,		
0.00266	L/capita/se	econd					
0.1	L/ha/secor						
$1 + \frac{1}{4+1}$	4 p0.6						
4.1.1							
		PRO	OFILE				
NGTH	FALL IN		DROP IN	INVERT ELEV.			
М	SEWER	HEADLOSS	MANHOLE	U.S.	D.S.		
	2						
	-						
	-						
		-					
	-						
		ļ					



Updated 2020-06