

EXISTING	LEGEND	PROPOSED
○ FH	FIRE HYDRANT	○ FH
○ MH-S	MAINTENANCE HOLE (STORM SEWER)	○ MH-S
○ MH-S	MAINTENANCE HOLE (SANITARY)	○ MH-S
○ MH	MAINTENANCE HOLE (UNIDENTIFIED)	○ MH
— ST	UNDERGROUND STORM SEWER	— STM
— SAN	UNDERGROUND SANITARY SEWER	— SAN
— W	UNDERGROUND WATER	— WM
—	PERFORATED SUBDRAIN	— D
—	ROOF DRAIN SERVICE	— RD
—	FOUNDATION DRAIN SERVICE	— FD
— P	UNDERGROUND POWER	
— GAS	UNDERGROUND GAS	
— T	UNDERGROUND TELECOMMUNICATION	
— B	BELL CABLE	
— OHW	OVERHEAD WIRES	
□ CB	TYPICAL ROADWAY CATCH BASIN	
	REAR YARD CATCH BASIN	
	BLOW-OFF VALVE	
	GAS METER	
	HYDRO METER	
	BOARD FENCE	
	WOOD PICKET FENCE	
	UTILITY POLE	
	ANCHOR	
	AIR CONDITIONER	
	RETAINING WALL	
	DIAMETER	
	LOCATION OF ELEVATIONS	
	TOP OF CONCRETE CURB / RW ELEVATION	
	CENTRELINE	
	DECIDUOUS TREE	
	CONIFEROUS TREE	
	WOOD POLE	
	SIGN	
	UNIDENTIFIED TERMINAL BOX	
	PROPERTY LINE	
	EASEMENT	
	WORK LIMIT	
	SEWER / WATERMAIN INSULATION PER CITY DETAIL W22	


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APPROVED
 By Andrew McCreight at 8:07 am, Mar 02, 2023

no.	date	revision
05	23/02/03	RE-ISSUED FOR S.P. CONTROL
04	21/11/17	RE-ISSUED FOR S.P. CONTROL
03	21/08/23	RE-ISSUED FOR S.P. CONTROL
02	21/05/12	RE-ISSUED FOR S.P. CONTROL
01	21/01/25	ISSUED FOR SITE PLAN CONTROL

It is the responsibility of the appropriate contractor to check and verify all dimensions on site and report all errors and/or omissions to the architect.

All contractors must comply with all pertinent codes and by-laws.

Do not scale drawings.

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project title
CLIFTON TOWNS
316-332 CLIFTON ROAD

drawing title
SITE SERVICING

drawn SCP	date JAN/21	scale 1:200
project HOVNR	drawing no. C006	revision no.


T.G. KENNEDY
 100173201
 February 6, 2023
 PROVINCE OF ONTARIO

CHAINAGE	ITEM	FINISHED GRADE	TOP OF WATERMAIN
0+000	CONNECTION TO MAIN	64.44	TBD
0+002.5	STORM SEWER CROSSING	64.44	62.04
0+005	FIRE HYDRANT LEAD TEE	64.60	62.04
0+005	FIRE HYDRANT	64.69	62.04
0+009.1	ELBOW	64.89	62.49
0+012.2	ELBOW	65.08	62.68
0+023.6	ELBOW	65.25	62.85
0+031.2	ELBOW	65.22	62.82
0+041.3	END CAP C/W BLOW OFF	65.24	62.84
1+000	TEE	65.26	62.86
1+001.8	STORM SEWER CROSSING	65.22	62.41
1+003.1	SANITARY SEWER CROSSING	65.20	62.96
1+005.2	ELBOW	65.19	62.79
1+057.1	END CAP C/W BLOW OFF	65.05	62.65

CROSSING No.	BOTTOMTOP	BOTTOMTOP	CROSSING No.	BOTTOMTOP	BOTTOMTOP	CROSSING No.	BOTTOMTOP	BOTTOMTOP
STM SERVICE LATERAL								
1	TOP WM 62.65	BTM STM 63.17	30	TOP STM 62.96	BTM SAN 63.36	68	TOP WM 62.71	BTM SAN 63.21
2	TOP WM 62.65	BTM STM 63.17	31	TOP WM 62.65	BTM SAN 63.17	69	TOP WM 62.71	BTM SAN 63.21
3	TOP STM 62.90	BTM SAN 63.20	32	TOP STM 62.96	BTM SAN 63.36	70	TOP STM 62.98	BTM WM 63.28
4	TOP STM 62.91	BTM SAN 63.21	33	TOP WM 62.65	BTM SAN 63.42	71	TOP STM 62.98	BTM WM 63.28
5	TOP WM 62.68	BTM STM 63.17	34	TOP STM 62.99	BTM SAN 63.36	72	TOP WM 62.73	BTM SAN 63.24
6	TOP WM 62.68	BTM STM 63.17	35	TOP WM 62.68	BTM SAN 63.42	73	TOP WM 62.73	BTM SAN 63.24
7	TOP STM 62.90	BTM SAN 63.23	36	TOP STM 62.99	BTM SAN 63.36	74	TOP STM 63.01	BTM WM 63.31
8	TOP STM 62.90	BTM SAN 63.25	37	TOP WM 62.68	BTM SAN 63.42	75	TOP STM 63.01	BTM WM 63.31
9	TOP WM 62.70	BTM STM 63.18	38	TOP STM 63.02	BTM SAN 63.38	76	TOP WM 62.73	BTM SAN 63.28
10	TOP WM 62.70	BTM STM 63.18	39	TOP WM 62.70	BTM SAN 63.44	77	TOP WM 62.73	BTM SAN 63.28
11	TOP STM 62.96	BTM SAN 63.26	40	TOP STM 63.02	BTM SAN 63.38	78	TOP STM 63.05	BTM WM 63.35
12	TOP STM 62.98	BTM SAN 63.29	41	TOP WM 62.70	BTM SAN 63.44	79	TOP STM 63.05	BTM WM 63.35
13	TOP WM 62.73	BTM STM 63.18	42	TOP STM 63.06	BTM SAN 63.38	80	TOP WM 62.73	BTM SAN 63.31
14	TOP WM 62.73	BTM STM 63.18	43	TOP WM 62.73	BTM SAN 63.44	81	TOP WM 62.73	BTM SAN 63.31
15	TOP STM 62.96	BTM SAN 63.29	44	TOP STM 63.06	BTM SAN 63.38	82	TOP STM 63.08	BTM WM 63.38
16	TOP STM 62.96	BTM SAN 63.42	45	TOP WM 62.73	BTM SAN 63.44	83	TOP STM 63.08	BTM WM 63.38
17	TOP WM 62.75	BTM STM 63.19	46	TOP STM 63.09	BTM SAN 63.42	84	TOP WM 62.73	BTM SAN 63.34
18	TOP WM 62.75	BTM STM 63.19	47	TOP WM 62.75	BTM SAN 63.48	85	TOP WM 62.73	BTM SAN 63.34
19	TOP STM 62.96	BTM SAN 63.32	48	TOP STM 63.09	BTM SAN 63.42	86	TOP STM 63.11	BTM WM 63.41
20	TOP STM 62.98	BTM SAN 63.35	49	TOP WM 62.75	BTM SAN 63.48	87	TOP STM 63.11	BTM WM 63.41
21	TOP WM 62.78	BTM STM 63.19	50	TOP STM 63.12	BTM SAN 63.42			
22	TOP WM 62.78	BTM STM 63.19	51	TOP WM 62.78	BTM SAN 63.48			
23	TOP WM 63.06	BTM STM 63.36	52	TOP STM 63.12	BTM SAN 63.42			
24	TOP WM 63.03	BTM STM 63.36	53	TOP WM 62.78	BTM SAN 63.48			
25	TOP WM 62.94	BTM STM 63.36	54	TOP STM 63.20	BTM SAN 63.60			
26	TOP WM 62.86	BTM STM 63.37	55	TOP WM 63.06	BTM SAN 63.63			
27	TOP WM 62.86	BTM STM 63.37	56	TOP STM 63.19	BTM SAN 63.60			
28	TOP WM 62.84	BTM STM 63.37	57	TOP WM 63.03	BTM SAN 63.63			
29	TOP WM 62.84	BTM STM 63.37	58	TOP STM 63.17	BTM SAN 63.49			
			59	TOP WM 62.94	BTM SAN 63.52			
			60	TOP STM 63.17	BTM SAN 63.49			
			61	TOP WM 62.86	BTM SAN 63.52			
			62	TOP STM 63.18	BTM SAN 63.48			
			63	TOP WM 62.86	BTM SAN 63.51			
			64	TOP STM 63.23	BTM SAN 63.69			
			65	TOP WM 62.84	BTM SAN 63.72			
			66	TOP STM 63.24	BTM SAN 63.69			
			67	TOP WM 62.84	BTM SAN 63.72			

- NOTES:
- ALL UNIT UTILITY SERVICES PER CITY STD DETAIL R21.
 - ALL UNIT STORM SERVICE SHALL BE #100mm PVC @ 1.0% SLOPE.
 - ALL UNIT SANITARY SERVICES SHALL BE #135mm PVC DR26 @ 2.0% SLOPE.
 - ALL UNIT WATER SERVICES SHALL BE 19x19mm PLEX TUBING BLUE 904 4/8" METER & REMOTE METER AT THE BUILDING.
 - SUPPORT EXISTING SEWER OR DUCT AT CROSSING PER CITY DETAIL W29.
 - WM ELEVATION TO BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION START. SEWER TO CROSS WATERMAIN PER DETAIL W25 OR W25.2. CONTRACTOR TO ALLOW 5 BUSINESS DAYS FOR DESIGN REVIEW SHOULD A CONFLICT BE CONFIRMED.
 - PROVIDE INSULATION AT STRUCTURES PER CITY DETAIL W23.



NOTE OF CAUTION

THE GEODETIC COORDINATES OF EVERY ITEM INCLUDED AS PART OF THIS DOCUMENT HAVE NO LEGAL VALUE. THE SITE LAYOUT MUST BE COMPLETED USING THE OFFICIAL BENCHMARKS OF AN ACCREDITED LAND SURVEYOR.

THE UNDERGROUND FEATURES AND INFORMATION THAT APPEAR ON THE DRAWINGS WERE OBTAINED FROM THE PUBLIC UTILITY COMPANIES AND/OR FROM THE CITY EACH RESPECTIVELY.

ALL INFORMATION UNDER THE LEGEND 'EXISTING' IS FOR INFORMATION ONLY. COMPLETE OR EXACT LOCATION AND ELEVATION OF UNDERGROUND SERVICES ARE NOT GUARANTEED.

CERTAIN UNDERGROUND FEATURES ON PRIVATE PROPERTY ARE NOT SHOWN ON THE CURRENT DRAWING.

ANYONE WHO PROCEEDS WITH EXCAVATION WORK SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND FEATURES. BY EXPLORATORY EXCAVATIONS, AND SHALL ASSUME FULL RESPONSIBILITY IF THERE IS ANY DAMAGE THAT OCCURS DURING WORK.

THE CONTRACTOR WILL HAVE THE RESPONSIBILITY AND THE OBLIGATION TO VALIDATE, BY EXPLORATORY EXCAVATION, THE SIZE OF THE PUBLIC UTILITIES UNDERGROUND SERVICES AND TO WARN THE ENGINEER OF ANY CONFLICT WITH THE PROJECTED WORK.

STRUCTURE NUMBER	TOP	INVERTS				MH diam (mm)	TYPE
		NORTH	EAST	SOUTH	WEST		
STM-EXIST	64.12	-	-	62.30	62.45	1200	MH
STM-1	64.38	62.30	62.47	-	62.50	1200	MH
STM-2	64.40	-	62.51	-	62.54	1500	PS
STM-3	64.96	-	62.59	62.65	-	1200	MH
STM-4	65.21	62.84	62.90	-	62.90	1200	MH
STM-5	65.05	-	-	-	62.95	1200	MH
STM-6	65.16	-	62.93	-	62.96	1200	MHCB
STM-7	65.21	-	63.00	-	63.03	1200	MHCB
STM-8	65.77	63.55	63.08	-	900	MH	
SAN-1	64.22	61.85	-	61.85	61.91	1200	MH
SAN-2	64.34	-	61.95	-	63.08	1200	MH
SAN-3	64.85	-	63.12	63.18	-	1200	MH
SAN-4	65.18	63.35	63.41	-	63.43	1200	MH
SAN-5	65.01	-	-	-	63.49	1200	MH
SAN-6	65.19	-	63.48	-	63.51	1200	MH
SAN-7	65.25	-	63.55	-	-	1200	MH
CB-1	64.98	-	63.58	-	600	CB	
CB-2	64.99	-	63.59	-	600	CB	
CB-3	65.30	-	63.63	-	600	CB	
DR-1	65.76	63.64	-	63.64	300	DR	
DR-2	65.76	63.83	-	63.83	300	DR	
DR-3	65.76	-	64.01	-	300	DR	

- MH → MANHOLE
 MHCB → MANHOLE CATCH BASIN
 CB → CATCH BASIN
 OGS → OIL AND GRIT SEPARATOR
 DR → INLINE DRAIN
 PS → PUMPING STATION