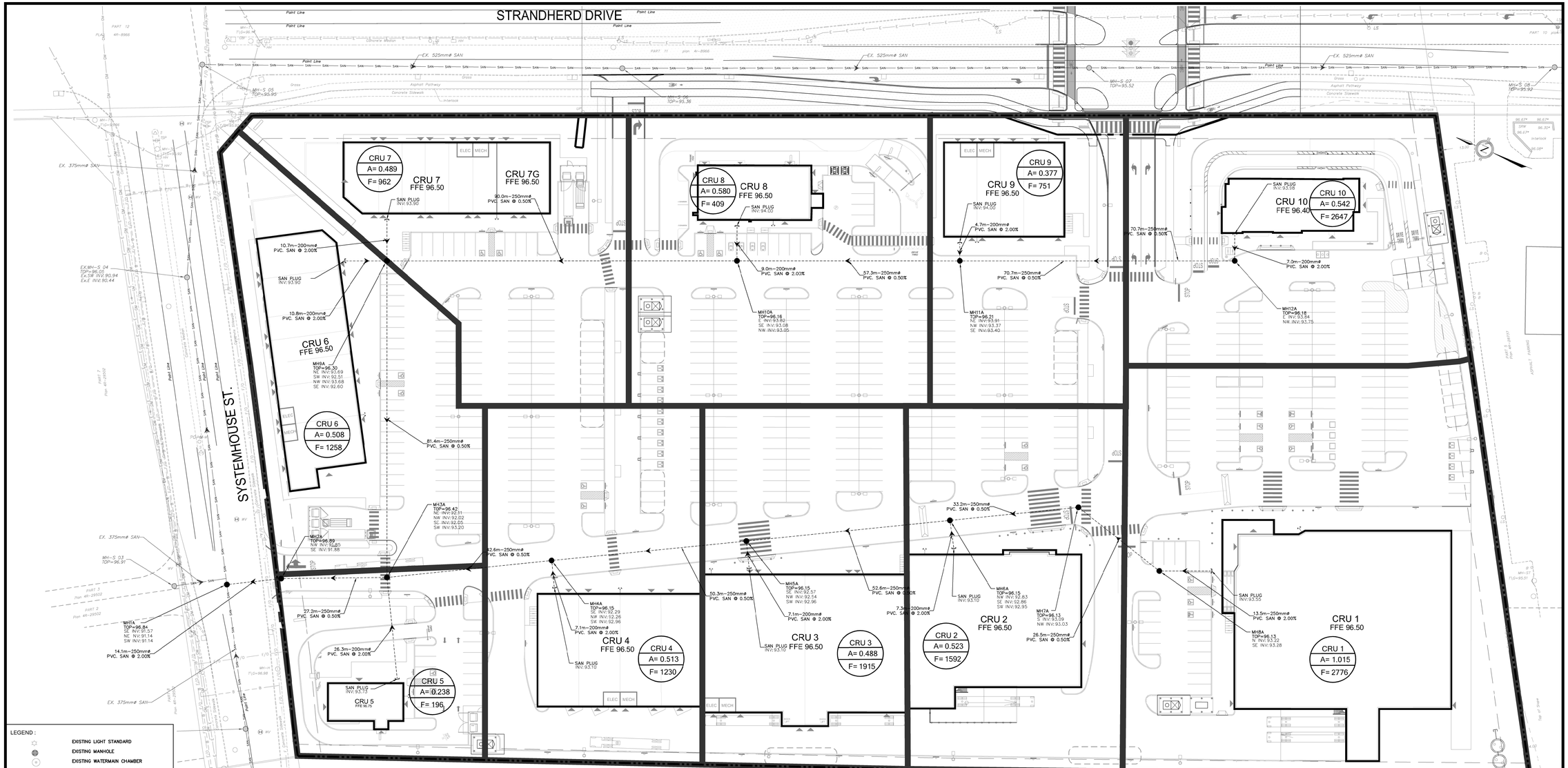


LEGEND :

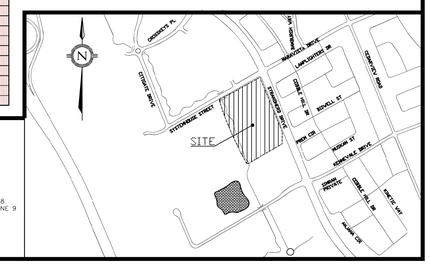
- EXISTING LIGHT STANDARD
- EXISTING MANHOLE
- EXISTING WATERMAIN CHAMBER
- EXISTING HYDRANT AND VALVE
- EXISTING CATCHBASIN
- CONSTRUCTION LIMIT BOUNDARY
- EXISTING EASEMENT LINE
- ROAD CENTERLINE
- PROPERTY LINE
- PROPOSED SANITARY SEWER AND MH
- DRAINAGE BOUNDARY

CRU 5 / A= 0.238 / F= 196 — BUILDING NAME; GROSS CONTRIBUTING AREA (HECTARES); BUILDING FLOOR AREA (SQUARE METERS)

OFF-SITE RIGHT-OF-WAY ROAD IMPROVEMENT WORKS TO BE PRESENTED UNDER A SEPARATE DRAWING PACKAGE

Proposed Conditions - Sanitary Sewer Design Sheet

LOCATION BUILDING	MANHOLE FROM	MANHOLE TO	Total Residential Pop. GROSS AREA ha	Total Residential Pop. ACCUM. GROSS AREA ha	Total Residential Pop. EQUIV. POP P	Total Residential Pop. ACCUM. EQUIV. POP P	Commercial Retail Use FLOOR AREA ha	Commercial Retail Use ACCUM. FLOOR Area ha	Commercial Retail Use Peaking Factor	Commercial Retail Use Peak Flow l/s	Commercial Restaurant Use Floor Area ha	Commercial Restaurant Use Accum. Floor Area ha	Commercial Restaurant Use Peaking Factor	Commercial Restaurant Use Peak Flow l/s	Infiltration Area Infiltrated ha	Infiltration I l/s	Prop. Foundation drain l/s	Total Design Flow Q Total l/s	Pipe design Length (m)	Slope S %	Diameter (mm)	Pipe Material PIPE	Roughness Coeff.	Q Full (L/s)	Velocity Full (m/s)	Velocity Actual (m/s)	Capacity (%)
CRU 10	Stub	MH12A	0.542	0.542	0	0	0	0	1.50	0.000	464	464	1.50	0.201	0.542	0.18	0.00	**0.38**	7.0	2.00	200	PVC	0.013	48.3	1.49	0.43	1%
	MH12A	MH11A	0.000	0.542	0	0	0	0	1.50	0.000	0	464	1.50	0.201	0.542	0.18	0.00	**0.38**	70.7	0.50	250	PVC	0.013	43.9	0.87	0.25	1%
CRU 9	Stub	MH11A	0.377	0.919	0	0	0	0	1.50	0.000	751	1.215	1.50	0.527	0.919	0.30	0.00	**0.83**	4.7	2.00	200	PVC	0.013	48.3	1.49	0.48	1%
	MH11A	MH10A	0.000	0.919	0	0	0	0	1.50	0.000	0	1.215	1.50	0.527	0.919	0.30	0.00	**0.83**	57.3	0.50	250	PVC	0.013	43.9	0.87	0.32	2%
CRU 8	Stub	MH10A	0.580	1.499	0	0	0	0	1.50	0.000	409	409	1.50	0.178	1.499	0.49	0.00	**0.67**	9.6	2.00	200	PVC	0.013	48.3	1.49	0.52	1%
	MH10A	MH9A	0.000	1.499	0	0	0	0	1.50	0.000	0	1.624	1.50	0.705	1.499	0.49	0.00	**1.20**	90.0	0.50	250	PVC	0.013	43.9	0.87	0.37	3%
CRU 7	Stub	MH9A	0.489	1.988	0	0	333	333	1.50	0.029	828	828	1.50	0.273	1.988	0.66	0.00	**0.96**	10.7	2.00	200	PVC	0.013	48.3	1.49	0.56	2%
CRU 6	Stub	MH9A	0.508	2.496	0	0	564	564	1.50	0.049	694	694	1.50	0.301	2.496	0.82	0.00	**1.17**	10.8	2.00	200	PVC	0.013	48.3	1.49	0.60	2%
	MH9A	MH3A	0.000	2.496	0	0	0	897	1.50	0.078	0	2.946	1.50	1.279	2.496	0.82	0.00	**2.18**	81.4	2.00	250	PVC	0.013	87.7	1.73	0.69	2%
CRU 1	Stub	MH8A	1.015	1.015	0	0	2,515	2,515	1.50	0.218	132	132	1.50	0.057	1.015	0.33	0.00	**0.61**	13.5	2.00	250	PVC	0.013	87.7	1.73	0.44	1%
	MH8A	MH7A	0.000	1.015	0	0	0	2,515	1.50	0.218	0	132	1.50	0.057	1.015	0.33	0.00	**0.61**	26.5	0.50	250	PVC	0.013	43.9	0.87	0.30	1%
	MH7A	MH6A	0.000	1.015	0	0	0	2,515	1.50	0.218	0	132	1.50	0.057	1.015	0.33	0.00	**0.61**	33.2	0.50	250	PVC	0.013	43.9	0.87	0.30	1%
CRU 2	Stub	MH6A	0.523	1.538	0	0	1,592	1,592	1.50	0.138	0	0	1.50	0.000	1.538	0.51	0.00	**0.65**	7.3	2.00	200	PVC	0.013	48.3	1.49	0.52	1%
	MH6A	MH5A	0.000	1.538	0	0	0	4,107	1.50	0.356	0	132	1.50	0.057	1.538	0.51	0.00	**0.92**	52.6	0.50	250	PVC	0.013	43.9	0.87	0.35	2%
CRU 3	Stub	MH5A	0.488	2.026	0	0	1,915	1,915	1.50	0.166	0	0	1.50	0.000	2.026	0.67	0.00	**0.83**	7.1	2.00	200	PVC	0.013	48.3	1.49	0.56	2%
	MH5A	MH4A	0.000	2.026	0	0	0	6,022	1.50	0.523	0	132	1.50	0.057	2.026	0.67	0.00	**1.25**	50.3	0.50	250	PVC	0.013	43.9	0.87	0.37	3%
CRU 4	Stub	MH4A	0.513	2.539	0	0	1,230	1,230	1.50	0.107	0	0	1.50	0.000	2.539	0.84	0.00	**0.94**	7.1	2.00	200	PVC	0.013	48.3	1.49	0.56	2%
	MH4A	MH3A	0.000	2.539	0	0	0	7,252	1.50	0.629	0	132	1.50	0.057	2.539	0.84	0.00	**1.52**	42.6	0.50	250	PVC	0.013	43.9	0.87	0.39	3%
CRU 5	Stub	MH3A	0.238	0.238	0	0	0	0	1.50	0.000	196	196	1.50	0.085	0.238	0.08	0.00	**0.16**	7.1	2.00	200	PVC	0.013	48.3	1.49	0.33	0%
	MH3A	MH2A	0.000	5.273	0	0	0	8,149	1.50	0.707	0	3,274	1.50	1.421	5.273	1.74	0.00	**3.87**	27.2	0.50	250	PVC	0.013	43.9	0.87	0.53	9%
Municipal Connection	MH2A	MH1A	0.000	5.273	0	0	0	8,149	1.50	0.707	0	3,274	1.50	1.421	5.273	1.74	0.00	**3.87**	14.1	2.00	250	PVC	0.013	87.7	1.73	0.86	4%



DILLON CONSULTING | COUNTERPOINT LAND DEVELOPMENT
8395 Jane St., Suite 100, Vaughan, ON L4K 5Y2 Phone 905.326.1404 Fax 905.326.1405

LICENSED PROFESSIONAL ENGINEER — G. ROUDY — 90262940 — May 17, 2026 — PROVINCE OF ONTARIO
ENGINEER'S STAMP

No.	REVISIONS/ISSUED	DATE	BY
1.	ISSUED FOR SITE PLAN APPROVAL	AUG. 17, 2026	

POST-DEVELOPMENT SANITARY DRAINAGE PLAN

CITY FILE No.:			
DESIGNED BY: G.R	CHECKED BY: G.M	DATE: JUNE 2026	
DRAWING BY: J.Y.S	CHECKED BY: D.D	PROJECT NO.	263560
SWM BY: R.K	CHECKED BY: J.Y		
SCALE: 0m 10m 20m 30m 1: 500m		DRAWING NO.	SW-SAN

APPLICANT:
4175 STRANDHERD RETAIL - CHOICE REIT
ChoiceProperties

LEGAL & TOPOGRAPHY

PROVIDED BY: ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
14 CONCOURSE GATE, SUITE 500
NEPEAN, ONT. K2E 7S6
Phone: (613) 727-0850 / Fax: (613) 727-1079

BENCHMARK AND ELEVATION

BEARINGS ARE GRID, DERIVED FROM THE EASTERLY LIMIT OF BLOCK 3, REGISTERED PLAN 4M-1538 SHOWN TO BE N22°23'20"W THEREON AND ARE REFERRED TO THE CENTRAL MERIDIAN OF MTM ZONE 9 (76°30' WEST LONGITUDE) NAD–83 (ORIGINAL).

ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM AND ARE RELATED TO MINISTRY OF TRANSPORTATION ONTARIO MONUMENT NUMBER 00820118015 HAVING AN ELEVATION OF 110.418.