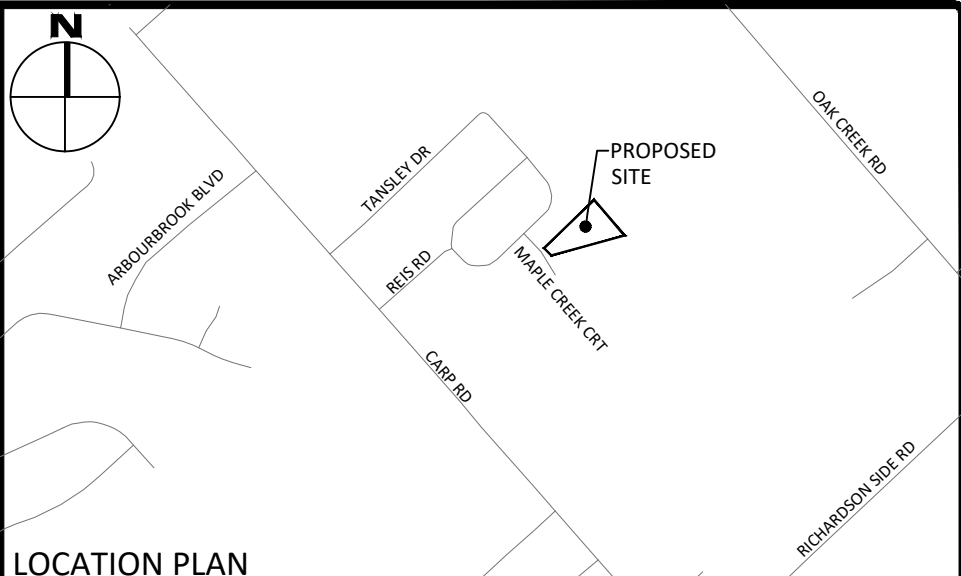


1. CONSTRUCT ALL SEWERS AND APPURTENANCES TO CITY OR TOWNSHIP STANDARDS (IF AVAILABLE) OR AS PER OPSD STANDARDS.
2. SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
3. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95 STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.
4. SUB-BEDDING, IF REQUIRED SHALL BE AS PER THE DIRECTION OF A GEOTECHNICAL ENGINEER.
5. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR SAND.
6. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0m BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
7. SEWERS AND CONNECTIONS 150mm DIAMETER AND SMALLER TO BE PVC SR 28 OR 30 COVERED EXCEPT FOR 150mm AND 200mm CONNECTIONS 200mm DIAMETER AND LARGER TO BE PVC SR 35 OR APPROVED EQUIVALENT.
8. INSULATE ALL SEWERS AND/OR SERVICES THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030.
9. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING. ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"x8" LONG TUBES.
10. CONTRACTOR TO ADVISE (CITY) ALL PROPOSED SEWERS ONSET, OUTLET CONNECTION TO EXISTING SEWERS AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
11. ALL CATHBAIN AND CATHBAIN MANHOLE LEADS ARE TO BE MINIMUM 200mmØ WITH MINIMUM 1.0% SLOPE UNLESS OTHERWISE NOTED.
12. ALL CATHBAINS EXCLUDING LANDSCAPE CATHBAINS ARE TO HAVE 150mmØ PERFORATED PIPE FOR 3.0m ON ALL AVAILABLE SIDES AS PER CITY OF OTTAWA STANDARD DRAWING 'R1'.

STM STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
CBMH3	113.85	NE112.940	S112.912	COVER CITY STD S28.1 FRAME CITY STD S25 STRUC. OPSD 701.010
CBMH4	113.80	N112.880	SW112.868	COVER CITY STD S28.1 FRAME CITY STD S25 STRUC. OPSD 701.010
CBMH5	114.05		W113.240	COVER CITY STD S19 FRAME CITY STD S19 STRUC. OPSD 705.010
MH1	116.33	E114.533	SW114.460	COVER CITY STD S25.1 FRAME CITY STD S25 STRUC. OPSD 701.010
MH2	114.36	E113.200 NE113.582	SW113.025	COVER CITY STD S28.1 FRAME CITY STD S25 STRUC. OPSD 701.011
MH6	113.99	NE112.830	SW112.812	STORMCEPTOR




DC	BARRIER CURB CURB DEPRESSION	— — — — —	CENTRELINE OF SWALE
	HEAVY DUTY ASPHALT		SLOPING AT 3:1 UNLESS SPECIFIED
	CONCRETE SIDEWALK		PROPOSED ELEVATION
	PAVING STONE		EXISTING ELEVATION
	STORM MANHOLE		SWALE ELEVATION
CB/PS	CATCHBASIN OR DITCH INLET		TOP OF WALL ELEVATION
ECB/PS/CB	LANDSCAPE CATCHBASIN		BOTTOM OF WALL ELEVATION
	SANITARY MANHOLE		EMERGENCY OVERLAND FLOW ROUTE
	PERFORATED PIPE		SILT FENCE (PER OPD 149.1.80)
	WATER VALVE/CHAMBER		STRAW BALE CHECK DAM (AS PER OPD 219.180)
	FIRE HYDRANT		RIP-RAP (AS PER OPD 810.010 OR OPD 810.020)
	CROSSING CONFLICT LOCATION		SEDIMENT CONTROL DEVICE
			BUILDING ENTRANCE
			REMOVABLE DOOR
			OVERHEAD WATER METER
			WATER METER

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

2	REVISED AS PER CITY COMMENTS	OCT. 30, 2019
1	ISSUED FOR SITE PLAN CONTROL	MAY 28, 2019
No.	Revisions	Date

Check and verify all dimensions before proceeding with the work	Do not scale drawings
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SCALE 1 : 400



0 10 20 30 40 Metres

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A 1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

Stamp:



A circular blue ink stamp. The outer ring contains the text "LICENSED PROFESSIONAL ENGINEER" at the top and "PROVINCE OF ONTARIO" at the bottom. In the center, the date "2019/10/30" is stamped at the top, followed by the name "R. P. KENNEDY" and the license number "100086734". A handwritten signature is scrawled across the bottom half of the stamp.

Client: **NCM HYDROVAC SERVICES**
200 MAPLE CREEK COURT
CARP, ON K0A 1L0

Project:

STORAGE BUILDING
200 MAPLE CREEK COURT
CARP, ON K0A 1L0

Drawing Title:

SITE SERVICING PLAN

Scale:	1:400	Project Number:	CP-18-0512
Drawn By:	C.D.H.		
Checked By:	R.P.K.	Drawing Number:	C102
Designed By:	C.D.H.		