

- THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION SHOWN.
- 2. THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED INFORMATION SUPPLIED BY (OR SHOWN ON) MCINTOSH PERRY SURVEYING INC. JOB # 22-2317 AND CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
- 3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT.
- 5. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY.
- EXCAVATE AND DISPOSE OF ALL DELETERIOUS MATERIAL, SUCH AS ASPHALT, CURBING, EXISTING STOCKPILES, GRANULAR MATERIALS AND DEBRIS OFF SITE.
- 8. TOPSOIL TO BE STRIPPED AND REMOVED OFF SITE. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.
- 11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE CITY.
- 12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
- 13. CONTACT THE CITY FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE CITY SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOD.
- 14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL
 AGENCY:

 ELECTRICAL SERVICE HYDRO OTTAWA,
 - GAS SERVICE ENBRIDGE,
 TELEPHONE SERVICE BELL CANADA,
 TELEVISION SERVICE ROGERS.
- 17. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO OTTAWA. BELL AND THE CITY.
- 18. ALL PROPOSED CURB SHALL BE CONCRETE BARRIER CURB UNLESS SPECIFIED.
- 19. ALL EXISTING REDUNDANT PRIVATE APPROACHES FRONTING THIS DEVELOPMENT MUST BE REMOVED TO THE SATISFACTION OF THE CITY.
- 20. SNOW TO BE REMOVED FROM SITE AS ON-SITE SNOW STORAGE IS NOT PERMITTED.

- CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN
 ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS
 WELL AS CITY STANDARDS.
- WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY STANDARD W22.
- 3. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
- 4. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY STANDARD W23.
- 5. ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED
- EQUIVALENT.

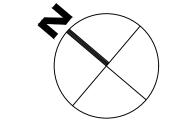
 6. ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE.
- 7. VALVE BOX ASSEMBLIES AS PER CITY STANDARD W24.
- 8. THRUST BLOCK SIZING AS PER CITY STANDARD W25.4 TABLE 1 BASED ON NATIVE SILTY SAND.
- 9. REMOTE HYDRANT SYSTEM TO BE INSTALLED AS PER CITY OF OTTAWA DETAIL W54 AND TO BE REVIEWED AND APPROVED BY THE OTTAWA FIRE DEPARTMENT PRIOR TO ACCEPTANCE.

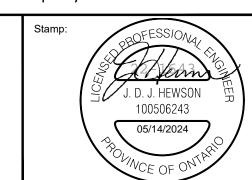
WATER COVER TABLE								
LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	COVER				
A - HYDRANT HYD1	0+100.00	112.86	110.46	2.40				
45° BEND	0+104.72	113.70	111.30	2.40				
45° BEND	0+107.69	113.75	111.35	2.40				
B - 150 X 150 X 150 TEE	0+178.71	115.22	112.82	2.40				
C - 150 X 150 X 150 TEE	0+255.41	114.90	112.50	2.40				
45° BEND	0+310.45	115.05	112.65	2.40				
45° BEND	0+313.13	115.08	112.68	2.40				
150mmØ VALVE	0+318.73	115.13	112.73	2.40				
HYDRANT HYD4	0+320.73	115.13	112.73	2.40				
B - 200 X 200 X 150 TEE	0+400.00	115.22	112.82	2.40				
150mmØ VALVE	0+407.59	115.27	112.87	2.40				
HYDRANT HYD2	0+409.59	115.27	112.87	2.40				
C - 200 X 200 X150 TEE	0+500.00	114.90	112.50	2.40				
150mmØ VALVE	0+507.57	114.87	112.47	2.40				
HYDRANT HYD3	0+509.57	114.86	112.46	2.40				

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LOCAT	ION PL	AN /	,		
LEGEN	D				
DO	C	BARRIER CURB & CURB DEPRESSION		– CENTREI	LINE OF SWAL
	*******	PROPOSED LIGHT DUTY GRAVEL PROPOSED HEAVY DUTY		- CENTREI	LINE OF DITCH
	START I	PROPOSED HEAVY DUTY SURFACING	95.94	UNLESS	SPECIFIED ED ELEVATION
<u> </u>	γMH#	STORM MANHOLE	<i>93.20</i> 95.94	EXISTING	ELEVATION ELEVATION
	CB I CICB	CATCHBASIN, CURB INLET OR DITCH INLET	(S) T/w100.50 B/w90.50		TTOM WALL F
• • • • • •	DI	PROPOSED FENCE	в/wэ0.50		INCY OVERLAN OUTE
) ^{MH#A}	SANITARY MANHOLE	-^	_ SILT FEN	CE BARRIER D 219.110
		FIRE SEPARATION	lacktriangledown		G ENTRANCE AD DOOR
8	•	WATER VALVE/CHAMBER		REDUCE	
-	-	FIRE HYDRANT		STALL CI	APPED PARKIN ROSSHATCHED NT MARKING.
		PROPOSED WALL			
\otimes	DS	PROPOSED DOWNSPOUT			
⊗) DS	PROPOSED DOWNSPOUT 200mm BOLLARD PER CITY	Y 5-4		
•			Y 5-4		
•		200mm BOLLARD PER CITY	/ 5-4		
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		200mm BOLLARD PER CITY			MAY 14, 2
3	REISSUE	200mm BOLLARD PER CITY PROPOSED MUD MAT	ITROL		
3 2	REISSUE ISSUED I	200mm BOLLARD PER CITY PROPOSED MUD MAT D FOR SITE PLAN CON	ITROL		OCT. 04, 2
3 2	REISSUE ISSUED I	D FOR SITE PLAN CONTE	ITROL ROL		OCT. 04, 2
3 I No.	REISSUE ISSUED I	D FOR SITE PLAN CONTE	ITROL ROL	Do no	OCT. 04, 2 DEC. 23, 2 Date
3 I No. Check a before p	REISSUE ISSUED I	200mm BOLLARD PER CITY PROPOSED MUD MAT D FOR SITE PLAN CONTE OR SITE PLAN CONTE OR REVIEW Revision y all dimensions	ITROL ROL	Do no	MAY 14, 2 OCT. 04, 2 DEC. 23, 2 Date

McINTOSH PERRY

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TREVOR WATKINS
273 & 275 RUSS BRADLEY ROAD
CARP, ON KOA 1LO

Project:

WAREHOUSE/STORAGE FACILITY
273 & 275 RUSS BRADLEY ROAD

CARP

Drawing Title:

SITE SERVICING PLAN