

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.			
LEGEND:			
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	POSED ELEV		
200.00 S PRO	POSED SWAL		
GEN	RAL DRAINA	GE	
	C.A. REGULA	TION LIMIT -ASSEMBLED SI	
	ROL FENCIN		LIAHON
NOTES:			
 ALL ELEVATIONS SHOWN ARE METRIC. BUILDER/OWNER TO VERIFY COMPLIANCE WITH ZONING BYLAWS (ie. SIDEYARDS, SETBACKS, REARYARDS ETC.) 			
 LOT COVERAGE = 3.1% (A ZONE = 30% MAX.) INCLUDES PORCH, DECK & FUTURE STORAGE SHED. 			
 TILE BEDS TO BE INSTALLED AS PER PART 8 OF THE O.B.C. AND AS PER DETAILS THIS SHEET. 			
5. MINIMUM CLEARANC SEPTIC TREATMENT UN			TRIBUTION PIPE:
WELL = BUILDING = PROPERTY LINE = LAKE, STREAM ETC. =	3.0m MIN.	BUILDING	<u>TRIBUTION PIPE:</u> = = 15.0m MIN. = 30.0m MIN. = 1.5m MIN. NE = 3.0m MIN.
6. DO NOT CONNECT	ANY WATER	LAKE, STREAM	I ETC. = 15.0m STEMS FOR
DISCHARGE INTO THE SEPTIC SYSTEM. (ie. WATER SOFTENER ETC.) 7. <u>FILTER BED SEPTIC SYSTEM:</u> DESIGN BASED ON 1 STOREY 300.00 m			
DESIGN BASED ON 1 STOREY, 300.0s.m. 3 BEDROOM DWELLING WITH 28 FIXTURE UNITS. DAILY SEWAGE FLOW (D.S.F.) = 2600 L/DAY WITH AN EXISTING SOIL 'T'-TIME OF >50 min./cm.			
<u>FILTER BED DESIGN:</u> USE 5 ROWS @ 7.62m (25') = 38.10m (125')			
TOTAL LENGTH OF 100mmø PVC DISTRIBUTION PIPE. <u>FILTER MEDIUM SURFACE:</u>			
$5.04m \times 9.62m = 48.5s.m.$ (34.7s.m. MIN.) FILTER MEDIUM BASE:			
11.04m x 15.62m = 172.5s.m. (153.0s.m. MIN.) <u>SAND CONTACT AREA:</u> 22.0m x 30.0m = 660.0s.m. (650.0s.m. MIN.)			
 8. SEPTIC TANK SHALL BE 5400 LITRE PRECAST CONCRETE c/w EFFLUENT FILTER ON THE OUTLET PIPE WITH MAINTENANCE 			
ACCESS OPENING TO GROUND SURFACE. 9. PROVIDE SEPTIC TILE BED LOCATION DETECTION METHOD WITH			
EITHER 1.2m LG. 10M (MIN.) REINFORCING BAR BENT © 90° (0.60m E/W c/w 50mm MIN. STONE COVER TYP.) AT EACH CORNER FOR MAGNETIC DETECTION OF BED PERIMETER.			
10. BUILDER/CONTRACTOR TO REPORT TO THE ENGINEER ANY CONDITIONS THAT DEVIATE FROM THE DESIGN CRITERIA.			
(ie. SOIL SUITABILITY, WATER TABLE ETC.) 11. STEP DOWN TOP OF FOUNDATION AND/OR FOOTINGS TO SUIT			
THE PROPOSED GRADES. 12. THE BUILDER/CONTRACTOR IS TO ENSURE FOOTINGS ARE FOUNDED ON SOIL CAPABLE OF SUPPORTING THE			
ANTICIPATED LOADS. 13. THE SILTATION & EROSION CONTROL (SEC) MEASURES			
ILLUSTRATED ON THIS PLAN ARE CONSIDERED TO BE THE MINIMUM REQUIREMENT. SITE CONDITIONS MAY REQUIRE ADDITIONAL MEASURES WHICH WILL BE IDENTIFIED BY THE			
ENGINEER DURING CONSTRUCTION. 14. ALL SEC MEASURES ARE TO BE IN PLACE PRIOR TO			
COMMENCEMENT OF CONSTRUCTION. 15. OWNER/CONTRACTOR TO MAINTAIN EROSION CONTROL MEASURES THROUGHOUT SITE UNTIL A COMPLETE GRASS/VEGETATION COVER			
16. ONLY AT THE DIRECTION OF THE ENGINEER ARE THE SEC			
MEASURES TO BE REMOVED.			
			(050)
T.B.M. No. 3 E			<u> </u>
NO. R	EVISION		DATE (MM/DD/YY) BY
CONSULTING ENGINEERS			
440 HARDY ROAD , UI TEL. (519) 753–2656	NT #1 , BR FAX. (519)	ANTFORD - 01 753-4263 w	NTARIO , N3T 5L8 www.cohooneng.com
PROJECT:			
PROPOSED RITCHIE RESIDENCE ROLL No. 2920-004-0304-1800-000			
COCKSHUTT ROAD			
PART OF LOTS 7 & 8 RANGE 2 EAST OF THE MT. PLEASANT ROAD			
(geographic twp. of brantford) COUNTY OF BRANT			
CLIENT: KEN RITCHIE			
LOT GRADING PLAN &			
SEPTIC SYSTEM LAYOUT			
DESIGN: D.E.B./F	.W.P.	SCALE:	1:400
DRAWN: S.L.M./K		JOB No:	
		12	2251
D.E.B./h		DWG. No:	
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