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- Legend**
- PROPOSED CULVERT
 - PROPOSED DITCH
 - PROPOSED HOUSE ENVELOPE AND LOT NUMBER - PROPOSED ELEVATION TO BE IMPLEMENTED AROUND ALL SIDES OF THE HOUSE ENVELOPES.
 - LOTS NUMBERS INDICATED IN SQUARE BRACKETS REFER TO REGISTERED LOTS FOR PHASE 2
 - PARTIALLY-RAISED LEACHING BED WITH NATIVE MANTLE (8 RUNS OF 15m) MIN. OR FROM ANY STRUCTURES MIN. 6m FROM ANY PROPERTY LINES. (REFER TO J.D. PATTERSON AND ASSOC. REPORT #8329-03 DATED MAY 12, 2003, REVISED APRIL 04, 2005.)
 - SPARE AREA FOR PARTIALLY-RAISED LEACHING BED (8 RUNS OF 15m) AND BED ELEVATION
 - PROPOSED DRILLED WELL
 - HAND AUGER HOLE LOCATION
 - TEST WELL LOCATION
 - TREE RETENTION AREA
 - PROPOSED LOT CORNER ELEVATION
 - EXISTING LOT CORNER ELEVATION
 - PROPOSED Q DITCH ELEVATION
 - 100 YEAR FLOOD ELEVATION
 - FILL TO PROVIDE DITCH BACK SLOPE
 - CULVERT IDENTIFICATION
 - GW=101.0m GROUND WATER ELEVATION (MARCH 17, 2005)
 - USF (MIN) 101.80 LOWEST USF BASED ON GROUND WATER ELEVATIONS. SEE NOTES 4 & 5
 - 100yrl HGL ELEVATION
 - NOISE FENCE

- Notes**
- ELEVATIONS AT HOUSES ARE BASED ON PARTIALLY RAISED TILE BEDS ON GRAVITY SYSTEM. IF PUMPING IS USED HOUSE ELEVATIONS CAN BE LOWERED. SEPTIC SYSTEM LAYOUT TO BE REVISED ON A LOT BY LOT BASIS.
 - CAUTION: LOWERING OF FOUNDATIONS BELOW GROUND WATER TABLE WILL RESULT IN EXCESSIVE OPERATION OF PUMP PUMPS.
 - REFER TO GP-4 FOR GRADING DETAILS.
 - ALL DITCHES SHALL BE 6" x 80mm TOPSOIL SEED AND MULCH.
 - G.W. - RECORDED GROUND WATER ELEVATION, UNDERSIDE OF FOOTING (USF) ELEVATIONS SHALL BE 0.15M (MIN) ABOVE THIS ELEVATION. AS PER THE GEOTECHNICAL REPORT THE FOLLOWING OPTIONS ARE TO BE CONSIDERED FOR DRAINAGE AT THE RESIDENTIAL STRUCTURES.
 - DAMP PROOF THE EXTERIOR OF THE FOUNDATION WALLS AND BACKFILL THE WALLS WITH FREE DRAINING, NON-FROST SUSCEPTIBLE SAND OR SAND AND GRAVEL, SUCH AS THAT MEETING ONTARIO PROVINCIAL STANDARD SPECIFICATIONS (OPSS) REQUIREMENTS FOR GRANULAR B TYPE I, OR
 - INSTALL AND APPROVED PROPRIETARY DRAINAGE MATERIAL (SUCH AS SYSTEM PLATE) ON THE EXTERIOR OF THE FOUNDATION WALLS AND BACKFILL THE WALLS WITH NATIVE MATERIAL OR IMPORTED SOIL.
 - A PERFORATED DRAIN SHOULD BE INSTALLED AROUND THE BASEMENT AREA AT THE LEVEL OF THE BOTTOM OF THE FOOTINGS. THE DRAIN SHOULD OUTLET TO A SUMP FROM WHICH THE WATER IS PUMPED OR SHOULD DRAIN BY GRAVITY TO A SUITABLE OUTLET.
 - USF IS TYPICALLY BASED ON THE FINISHED HOUSE ELEVATIONS (LESS 2.25m) HOWEVER THE (MINIMUM) USF IS THE LOWEST ELEVATION THE USF CAN BE BASED ON EITHER THE G.W. OR 100 YEAR FLOOD ELEVATION WHICH EVER IS GREATER.

Revision	By	Appd.	Date

File Name: 60400144U-TREE RETENTION G.B.U. T.W. T.W. 13.01.17
 Dwn. Chkd. Dgn. Date
 2007-11-12-2004
 Reviewed By
 Development Review Branch
 Signed: [Signature]
 Date: 29/11/2013
 DWG # 15542

Client/Project
CAVANAGH CONSTRUCTION
EMERALD LINKS SUBDIVISION
 Ottawa, Ontario

Title
TREE RETENTION PLAN (PHASE 2)

Project No. 60400144 Scale 0 7.5 22.5 37.5m
 Drawing No. Sheet Revision
TRP-2 2 of 4 0

2007-11-12-2004
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