PROVIDE CLEANOUTS EVERY IS m MAX. AND AT PROPERTY LINE. PROPOSED ELEVATIONS SHOWN NOTE 1: EXISTING ELEVATIONS SHOWN THE MINIMUM SUMP PUMP DISCHARGE ELEVATION SHALL BE 300mm BELOW THE GRADE AT THE FRONT AND BACK OF THE HOUSE. XXX.XX BENCH MARK # 1: RIB 635.73' ELEV. THE SANITARY HYDRAULIC GRADE LINE ELEVATION (INCLUDING 6" (150mm) FREEBOARD) IS <u>N/A</u> IF THE BASEMENT FLOOR IS CONSTRUCTED BELOW THIS ELEVATION AND/OR IS BELOW THE ELEVATION SPECIFICALLY REQUIRED FOR A GRAVITY CONNECTION SOUTH EAST CORNER OF THE PROPERTY. OF THE BASEMENT SANITARY PLUMBING, A SEWAGE EJECTOR PUMP WILL BE REQUIRED TO SERVICE THE BASEMENT FLOOR DRAIN(S) AND ALL BENCH MARK # 2: RIB 632.40' ELEV. BASEMENT PLUMBING FIXTURES. NORTH EAST CORNER OF THE PROPERTY. NOTE 3: ALL UTILITIES ARE APPROXIMATE LOCATIONS ONLY AND MUST BE VERIFIED PRIOR TO BEGINNING CONSTRUCTION. LOT AREA = 10874.2 Sq.Ft. 198 ACRES CONTRACTOR TO VERIFY ALL BENCHMARK ELEVATIONS BEFORE CONSTRUCTION. OWNER TO SUPPLY DESIGN AND LOCATION OF SEPTIC SYSTEM AND OBTAIN APPROVAL FOR THE SAME. PRIOR TO ANY WORKS (IE. CONSTRUCTION OF DWELLING, ADDITION, DETACHED STRUCTURE, ALTERATION TO THE WATERWAY, CONSTRUCTION OF A POND, PLACEMENT AND GRADING OF FILL FOR THE INSTALLATION OF A SEPTIC SYSTEM, ETC.) AFFECTED BY THE REGULATIONS, THE OWNER IS REQUIRED TO OBTAIN A PERMIT AND/OR CLEARANCE FROM ERCA. 175.00 NOTE 7: IT SHOULD BE NOTED THAT ANY PROPOSED DEVELOPMENT MUST SATISFY IT SHOULD BE NOTED THAT ANY PROPOSED DEVELOPMENT MUST SATISFY MINIMUM SETBACKS AND FLOOD PROOFING ELEVATIONS, AND ARE DETERMINED ON A SITE SPECIFIC BASIS. PLEASE NOTE THAT THE FLOODPROOFING REQUIREMENT FOR THIS SITE IS 193.780M G/5/C/ THE REQUIRED MINIMUM FINISHED GRADE, WITHIN 2.0 METERS (6.5 FEET) FOR ANY NEW BUILDING WILL NEED TO BE AT OR ABOVE 193.490M G.S.C. HOWEVER, PLEASE NOTE THE FLOODPROOFING ELEVATION MAY BE REDUCED DEPENDING ON THE LOCATION AND NATURE OF THE PROPOSED WORK. 0.3% CAUTION: a) This is NOT a Plan of Survey and shall not be used except for the purpose indicated in the Titleblock. b) This Sketch is protected by Copyright@ GROUT/BENTONITE PLUG DETAIL ENSURE OUTSIDE EXISTING TRENCH (BOTH SIDES) ARE CLEÀNED TO ORIGINAL GROUND 89 STORM SEWER PROPOSED FOUNDATION Mun. No. REMOVE EXITING STONE BEDDING BACKFILL AND SLOPE 4.42% • 0 REPLACE WITH LEAN GROUT/BENTONITE 300mm <u>Note:</u> se Grade is BELOW EXISTING BEDDING 1.0m IN LENGTH IMPORTED CLAY (IMPERVIOUS) IF NATIVE BACKFILL IS NOT CLAY CLAY BACKFILL (COMPACTED TO SPECIFICATION) 0.30 m GRANULAR BEDDING MUST BE INSTALLED BETWEEN **JOINTS** 150mm SEWER STONE (Min) UNDISTURBED SOIL BOTTOM OF BA TYPICAL VIEW EXCAVATE I50mm BELOW PIPE BEDDING (FOR EXISTING PIPE BM # 1 ELEVATION: <u>635.73'</u> BM # 1 ELEVATION: <u>632.40'</u> (Not to Scale) EDGE OF GRAVEL EDGE OF ASPHALT ONLY) COUNTY ROAD 27 EAST SECTION THROUGH SIDE YARDS "NOTE" This plan has been prepared for the limited use of [Brady Homes & Construction for the purpose of Lot Grading Plan] and cannot be used by other parties.
This plan is to remain confidential, is prepared under copyright and must not be used without the permission of the signing surveyor or the company responsible for the plan. SIDE \mathbf{b} connected GRADE TO CATCH BASIN AT THE REAR NOTE: Swale is required to self contain drainage on SUMP PUMP DETAIL lot and not to adversely affect adjoining properties. - CATCH BASIN (Refer to detail) RELIEF VALVE 4" DRAINAGE PIPE - SPLASH PAD SECTION THROUGH FRONT & REAR YARDS TYPICAL SWALE DETAIL GRADE = 635.791 FINISHED GRADE AT FRONT OF HOUSE FINISHED GRADE AT BACK OF HOUSE (635.79) SANITARY TY FINISHED GRADE AT LOT LINE TO MATCH EXISTING (635.79¹) INISHED GRADE UNION 4"Φ RISER Φ STORM CONNECTION ROOF DRAINAGE TO BE SPLASHBLOCKED MIN. BASEMENT FOUNDATION DRAIN 34.4.474 FLOOR DRAIN 5" (125mm) SANITARY P.D.C. MIN. 2% SLOPE -BENTONITE PLUG 1.0m MIN IN LENGTH (DESIGNED AND PROVIDED BY OTHERS) © TOTAL TECH SURVEYING INC. **Total** NOTE: Sketch is an original SKETCH FOR GRADING PERMIT if embossed by the 341 Talbot St. N. Units 2 & 3 Essex, ON N8M 2W3 (519) 776-9881 **Tech** 217 COUNTY ROAD 27 EAST surveyor's seal, or if it is a PDF certified in an electronic **Surveying Inc.** SCALE: IMPERIAL N. E. SUTHERLAND P. Eng., O.L.S., C.L.S

N.E.S.

Job No: 2023-042-1 DATE: MARCH 22, 2023

COUNTY: ESSEX