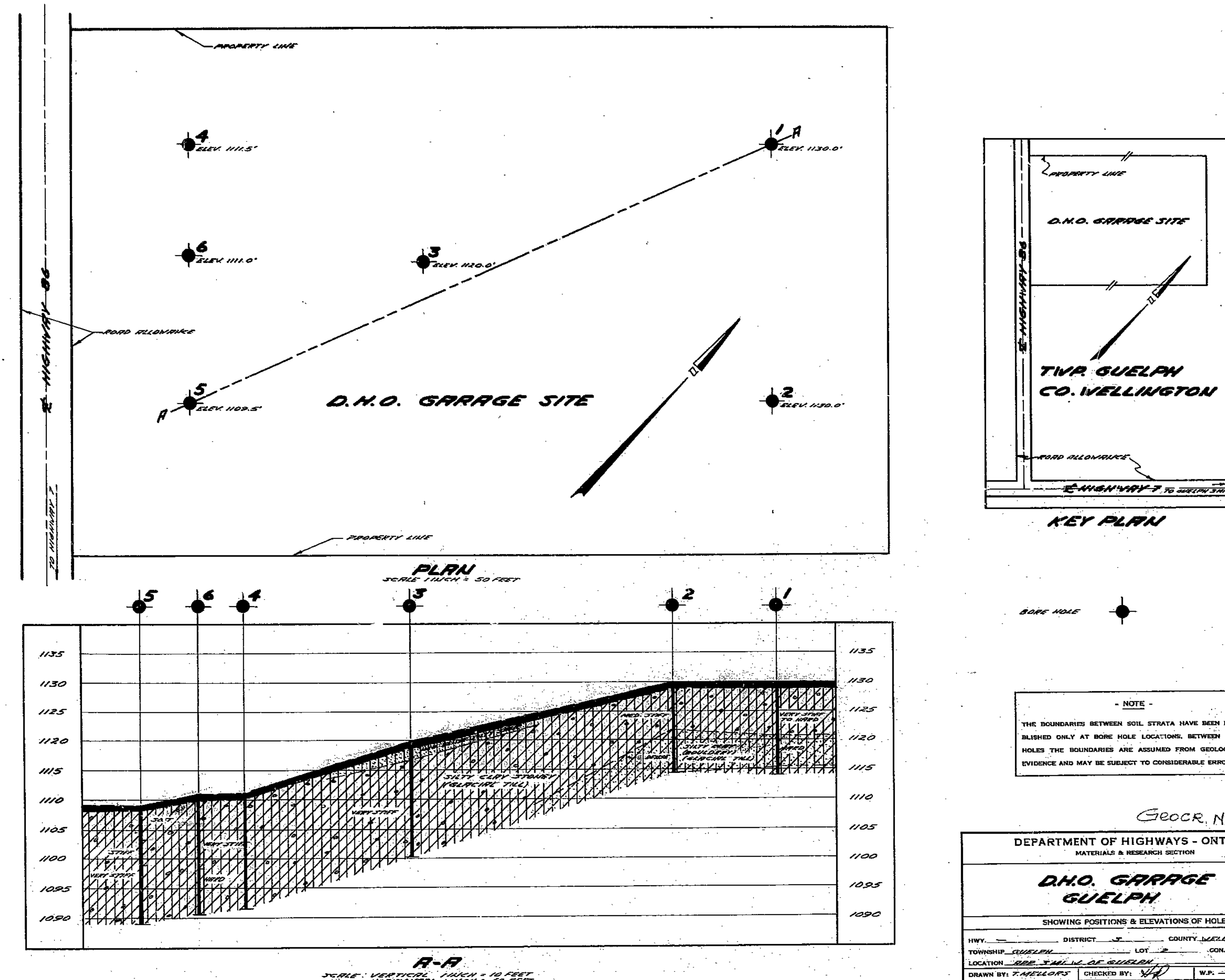
60-F-3

PATROL YARD

GARAGE

BRESLAU

40P9-3



- NOTE -

THE BOUNDARIES BETWEEN SOIL STRATA HAVE BEEN ESTABLISHED ONLY AT BORE HOLE LOCATIONS. BETWEEN BORE HOLES THE BOUNDARIES ARE ASSUMED FROM GEOLOGICAL EVIDENCE AND MAY BE SUBJECT TO CONSIDERABLE ERROR.

Geocr. No 40P9-3

DEPARTMENT OF HIGHWAYS - ONTARIO
MATERIALS & RESEARCH SECTION

D.H.O. GARAGE GUELPH

SHOWING POSITIONS & ELEVATIONS OF HOLES

HWY. — DISTRICT 3 COUNTY WELLINGTON
TOWNSHIP GUELPH LOT 2 CON. VI
LOCATION APP. 3 MI. W. OF GUELPH

DRAWN BY: T. MELLORS	CHECKED BY: [signature]	W.P. —
DATE 19 FEB /60	APPROVED BY: AKL.	DRAWING NO. F-60-3A
SCALE AS SHOWN		

cc: Foundations (Henry)

Mr. F. E. Cavell,
Superintendent of
Special Services.

Materials & Research Section

March 4, 1960.

D.H.O. FOUNDATION INVESTIGATION
W.J. F 60-3.

Attention: Mr. J. Hamilton.

Re: Patrol Yard Garage,
Breslau, Ontario.
District No. 3.

The foundation investigation has been completed for the above mentioned site. The findings of this work are summarized as follows:-

1. Subsoil conditions consist of a shallow cover of organic topsoil overlying a dense deposit of glacial till made up of silty clay, clay silt, sand, and gravel.

2. Spread footings can be founded in the dense till stratum at a depth of four feet below existing ground surface. The safe permissible footing pressure to be used in design of spread footings is 2 tons/sq.ft. A minimum frost protection of 4 feet should be provided for exterior wall and column footings.

3. Roadway and parking areas will require the stripping of topsoil and the placing of a base course of 12 inches of G.B.C. "B" or sand cushion, and a top course of 6 inches of G.B.C. "A" material.

cont'd. /2 ...

4. A well drilled to approximately 90 feet, can be developed at this site. Information from local residents indicates that sufficient water supply can be expected from such a source.

5. Ground water is quite close to the ground surface; however, seepage into the excavation may be removed by pumping.

It is understood that the option on this property has been dropped. If, however, at a later date, it is decided to proceed with construction at this site, a full foundation report will be submitted at your request.

L. G. Soderman,
PRINCIPAL FOUNDATIONS ENGR.
Per:

D. Suzuki

(D. Suzuki,
Foundation Project Engr.)

DS/MdeF

cc: Messrs. F. E. Cavell (2)
J. Hamilton
H. A. Tregaskes
C. Tackaberry
H. D. McMillan
L. D. Barrett
J. Roy
Foundations Office
Gen. Files.