

1 RETAINING WALL PLAN  
Scale: NTS

#### GENERAL DESIGN / DRAWING NOTES

ALL WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE ONTARIO BUILDING CODE (OBC), LATEST EDITION.

ALL WORK MUST BE BRACED DURING CONSTRUCTION IN ACCORDANCE WITH GOOD CONSTRUCTION PRACTICE. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SUPPORT.

THESE DRAWINGS MUST BE CHECKED BY THE CUSTOMER OR CONTRACTOR. ANY ERRORS OR OMISSIONS MUST BE REPORTED IN WRITING TO SOUTHWINDS ENGINEERING PRIOR TO COMMENCEMENT OF CONSTRUCTION.

OWNER OR CONTRACTOR MUST CHECK AND VERIFY ALL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK.

FOR CONSTRUCTION PURPOSES, USE ONLY THE LATEST APPROVED DRAWINGS LABELLED 'ISSUED FOR CONSTRUCTION'.

#### EXCAVATION & FOUNDATION

FOUND ALL FOOTINGS ON STRATA CAPABLE OF SUPPORTING THE NOTED DESIGN BEARING PRESSURE.

BOTTOMS OF EXCAVATION SHALL BE CLEAR OF ANY FREESTANDING WATER, LOOSE OR ORGANIC MATERIALS AND SHALL BE PROTECTED DURING CONSTRUCTION IF SUSCEPTIBLE TO DAMAGE DUE TO FROST ACTION.

DO NOT PLACE BACKFILL AGAINST WALLS RETAINING EARTH UNTIL ELEMENTS PROVIDING LATERAL SUPPORT ARE COMPLETED.

ALL FOUNDATIONS SHALL BE PLACED ON NATIVE SOILS OR ENGINEERED FILL WITH 150 kPa.

**RETAINING WALL PLAN**  
SOURCED FROM WILSON-FORD SURVEYING & ENGINEERING DRAWING, PROJECT # 25-10094, "SITE/GRADING & DRAINAGE/SERVICING PLAN", REV 7, DATED OCTOBER 10, 2025.

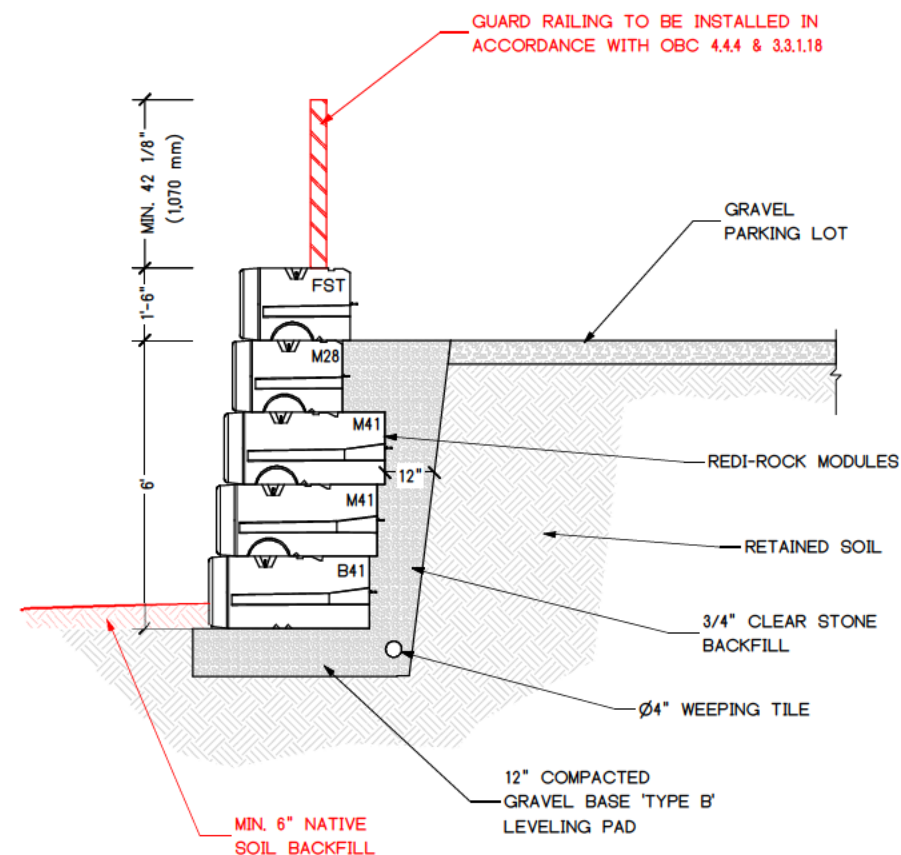
**AS-BUILT NOTE**  
PLANS DRAWN ARE AS-BUILT CONDITIONS.

RED TEXT = REQUIRED CHANGES TO ADHERE TO ONTARIO BUILDING CODE 2024.

#### GEOTECHNICAL DESIGN LOADS/CAPACITIES

SOIL BEARING CAPACITY  
q<sub>sr</sub> (ULS) = 150 kPa

LATERAL EARTH PRESSURE FACTORS  
SOIL DENSITY = 20.4 kN/m<sup>3</sup>  
K<sub>o</sub> = 0.50  
K<sub>a</sub> = 0.33  
SURCHARGE, q = 6.0 kPa



2 TYPICAL SECTION  
Scale: NTS



1	Issued for Permit	D	11/12/25
REV.	DESCRIPTION	BY	DATE
STATUS: ISSUED FOR PERMIT			



CLIENT:  
Elmer Martin

PROJECT:  
Retaining Wall

SITE:  
311302 Hwy 6  
Southgate, ON

TITLE:  
Details

SCALE AT 11"x17": As Noted	DATE: 11/12/25	DRAWN: DF	CHECKED: HP
PROJECT NO: 25-0065	DRAWING NO: S-1	REVISION:	1