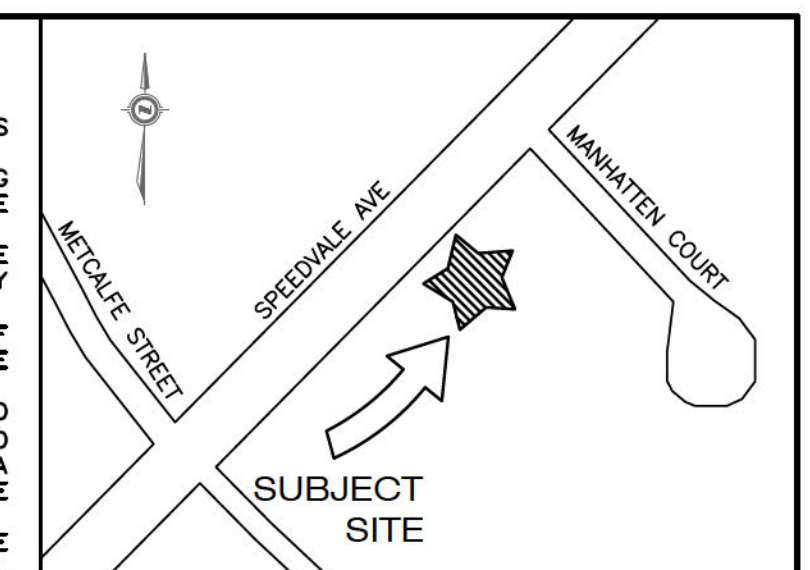


GRADING CERTIFICATE:

I HEREBY CERTIFY THAT THE PROPOSED GRADING AND APPURTENANT DRAINAGE WORKS COMPLY WITH SOUND ENGINEERING DESIGN AND THAT THE PROPOSED GRADING IS COMPATIBLE WITH EXISTING DRAINAGE PATTERNS ON AND ACROSS THESE LANDS AND THE ADJOINING LANDS OR APPLICABLE CITY BY-LAWS.

GRADING NOTES:

- EXISTING GRADES AND DRAINAGE OF ABUTTING LANDS IS NOT TO BE DISTURBED.
- GROUND ELEVATIONS AT BUILDINGS ABUTTING OVERLAND FLOW ROUTES ARE TO BE 225mm ABOVE OVERLAND FLOW ROUTE ELEVATIONS.
- SUMP PUMP DISCHARGE MUST BE DIRECTED TO THE STORM SEWER VIA THE STORM PDC. NO SANITARY SEWER CONNECTIONS PERMITTED.
- A MINIMUM OF 150mm (6") FROM THE TOP OF FOUNDATION TO THE FINISHED GRADE OUTSIDE THE BUILDING MUST BE PROVIDED, TYPICAL.
- RETAINING WALLS, 1000mm OR GREATER, & GUARD RAILS ON TOP (IF REQUIRED) ARE TO BE DESIGNED BY AND CONSTRUCTED TO THE SPECIFICATIONS OF A REGISTERED PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE ONTARIO BUILDING CODE.
- THE MIN. TOP OF FOUNDATION ELEVATION, UNDERSIDE OF FOOTING ELEVATION, BASEMENT WINDOW SILL ELEVATION, ETC. ARE TO BE CONFIRMED BY THE CONTRACTOR IN CONSULTATION WITH THE BUILDING DESIGNER, BASED ON THE FINISHED FLOOR ELEVATION PROVIDED. CONTACT STRIK, BALDINELLI, MONIZ LTD. (SBM) FOR CLARIFICATION, IF REQUIRED.



KEY PLAN
N.T.S.

LEGAL INFORMATION

PART OF
LOT 15
CONCESSION 2, DIVISION 'F'
IN THE
CITY OF GUELPH
COUNTY OF WELLINGTON

CITY BENCHMARK:

BENCHMARK 1
MONUMENT TYPE: CITY OF GUELPH SURVEY BENCHMARK

LOCATION: WEST_MONTROSE TABLET IN A CONCRETE PIER 30 CM IN DIAMETER, AT GROUND LEVEL, WEST SIDE OF ORCHARD CRESCENT, 0.1 KM NORTH FROM CALLANDER STREET, 24.4 M SOUTHWEST FROM SOUTHWEST CORNER OF HOUSE NO. 12, 23.7 M NORTHEAST FROM NORTHEAST CORNER OF HOUSE NO. 10, 1.7 M SOUTHWEST FROM HYDRO POLE AND 60 CM WEST FROM THE CURB. ESTABLISHED BY TOPOGRAPHICAL SURVEY. Township: WEST_MONTROSE TABLET IN A CONCRETE PIER 30 CM IN DIAMETER, AT GROUND LEVEL, WEST SIDE OF ORCHARD CRESCENT, 0.1 KM NORTH FROM CALLANDER STREET, 24.4 M SOUTHWEST FROM SOUTHWEST CORNER OF HOUSE NO. 12, 23.7 M NORTHEAST FROM NORTHEAST CORNER OF HOUSE NO. 10, 1.7 M SOUTHWEST FROM HYDRO POLE AND 60 CM WEST FROM THE CURB. ESTABLISHED BY TOPOGRAPHICAL SURVEY. GEODETIC ELEVATION: 354.558m

BENCHMARK 2
MONUMENT TYPE: CITY OF GUELPH SURVEY BENCHMARK #

LOCATION: CONCRETE RETAINING WALL ON EAST SIDE OF HWY 24, 2.3 KM NORTH OF POST OFFICE AT GUELPH, 0.2 KM SOUTH OF VICTORIA RD. TABLET IS SET HORIZONTALLY IN WEST FACE OF EAST CONCRETE WALL, 9.5 M EAST OF CENTRELINE OF HWY 24, 38.1 M SOUTH OF NORTH END OF WALL, 1.34 M BELOW TOP OF WALL AND 20 CM ABOVE SIDEWALK. GEODETIC ELEVATION: 353.488m

(CONTRACTOR TO CONFIRM BENCHMARK ELEVATIONS)

NOTE:
LANDINGS SERVING STAIRS OR RAMPS SHALL HAVE MAXIMUM SLOPE OF 1:50 OR 2% AS PER O.B.C. 3.4.6.8.

NOTE:
STAIR RISERS TO HAVE UNIFORM HEIGHT WITHIN 5mm TOLERANCE AS PER O.B.C. 3.4.6.8.

*RETAINING WALL AND GUARD/RAILING (IF REQUIRED): CIVIL DESIGN/DRAWINGS SOLELY SPECIFY GRADING REQUIREMENTS FOR RETAINING WALLS, STRUCTURAL/GEOTECHNICAL DESIGN, CONSTRUCTION SUPERVISION, AND CERTIFICATION BY OTHERS.

TACTILE PLATE NOTE:
CAST IRON TACTILE PLATES POWDER COATED RED ARE REQUIRED IN THE SIDEWALK RAMPS PER AODA LEGISLATION, OPSD 310.033, AND OPSD 310.039.

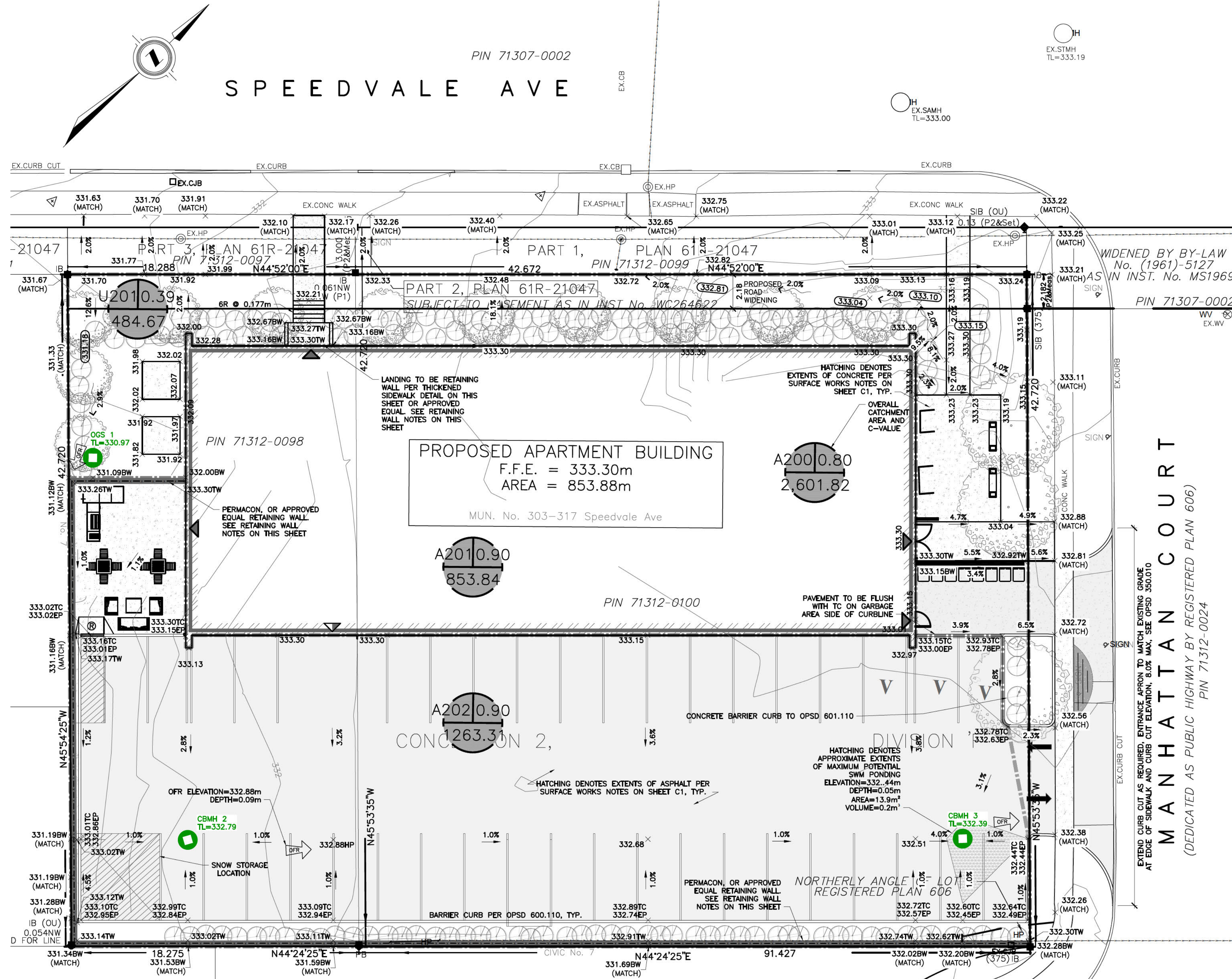
OFF-SITE WORKS NOTE:
STREET OCCUPANCY PERMIT FOR ALL EXTERNAL WORKS IS REQUIRED.

RESTORATION NOTE:
ALL WORK IN THE ROAD ALLOWANCE SHALL MEET THE MINIMUM SPECIFICATIONS OF THE CITY OF GUELPH INFRASTRUCTURE, DEVELOPMENT, AND ENVIRONMENT DEPARTMENT. THE CITY OF GUELPH STANDARDS ARE TO BE APPLIED TO WORKS WITHIN THE CITY ROAD ALLOWANCE UNLESS OTHERWISE APPROVED BY THE CITY.

FOR GRADING ON ADJACENT LANDS, IF REQUIRED, DEVELOPER SHALL OBTAIN WRITTEN APPROVAL FROM ADJACENT LAND OWNER.

BOULEVARD AREAS AND CONCRETE SIDEWALKS DISTURBED DURING INSTALLATION OF SERVICES SHALL BE RESTORED TO MATCH EX. CONDITION OR SURFACE WORKS NOTES ON SHEET C1, WHICHEVER IS GREATER, ALL AT NO COST TO THE CITY.

ALL CLEARANCES TO ELECTRICAL CONDUCTORS AS SET OUT IN THE CURRENT OBC DIV. B-3.1.19.1 'ELECTRICAL CONDUCTOR CLEARANCES TO BUILDINGS' SHALL BE MAINTAINED

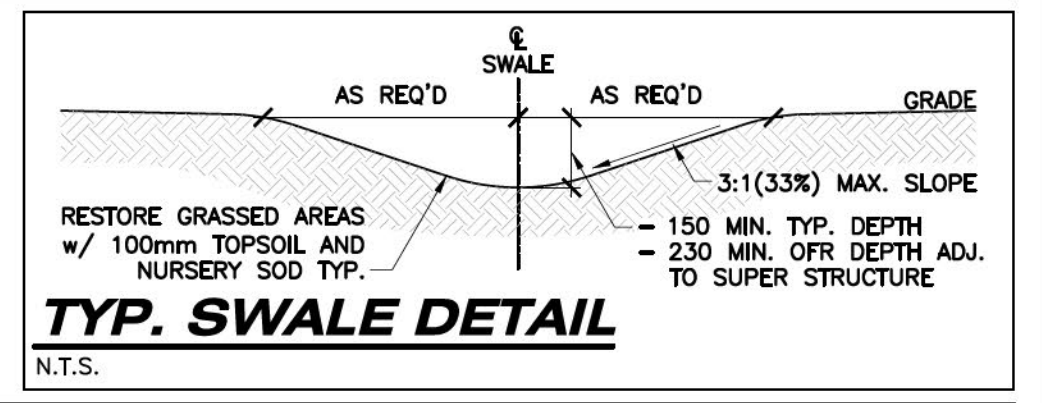
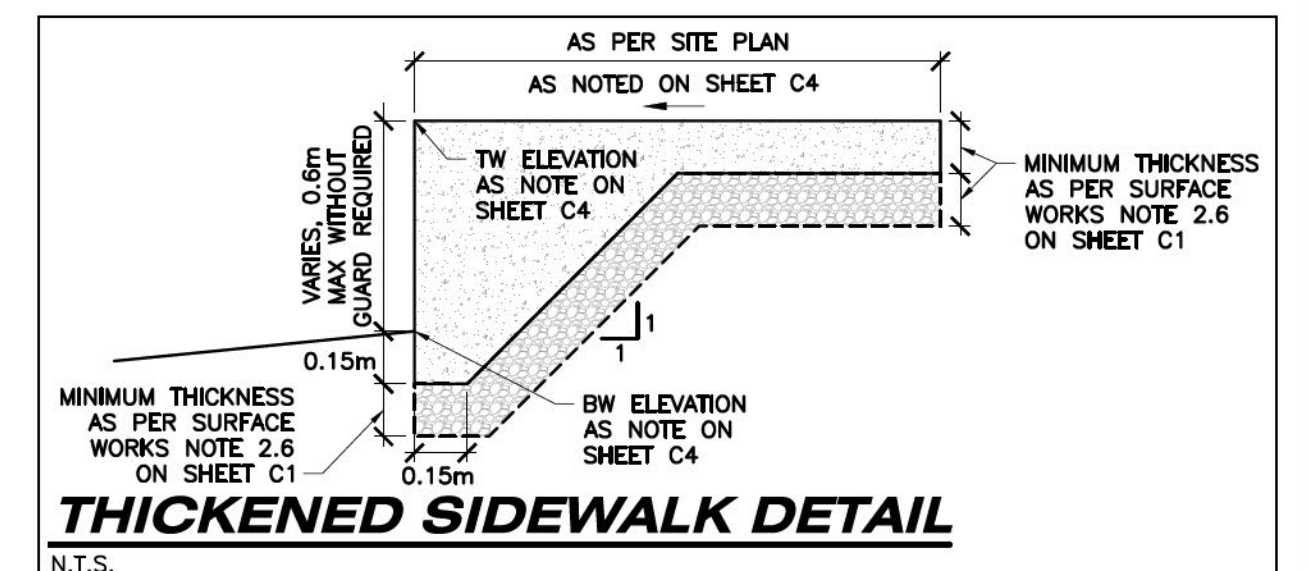


PROPOSED APARTMENT BUILDING
F.F.E. = 333.30m
AREA = 853.88m
MUN. No. 303-317 Speedvale Ave

A2010.90
853.84

A2000.80
2,601.82

A2020.90
1263.31



REFER TO NOTES, LEGEND, AND DETAILS ON SHEET C1 & C5

AS CONSTRUCTED SERVICES	COMPLETION	No.	REVISIONS	D./M./Y	BY	CONSULTANT
DESIGN	HA	1	FOR SUBMISSION - OPA/ZBA	1/02/24	BLG	
DRAWN	BG/BC					
CHECKED	TMB/KEK					
APPROVED	KAM					
DATE	30/01/2024					
CAD	23-1518					

STRIK BALDINELLI MONIZ
PLANNING - CIVIL - STRUCTURAL - MECHANICAL - ELECTRICAL
1599 Adelaide St. N, Unit 301, London, Ontario, N5X 4E8
Tel: (519) 471-6667 Fax: (519) 471-0034
Email: sbm@sbmltd.ca

ENGINEER'S STAMP
ENGINEER'S STAMP
CLIENT

HABITAT FOR HUMANITY
SUITE 100B - 104 DAWSON RD.
GUELPH, ON
N1H 1A6
P: 226-770-4341
E: BRETT@HABITATGW.CA

SCALE
SCALE - 1:150
1.5 0 3.0m

SITE GRADING AND STORMWATER MANAGEMENT PLAN
PROJECT No. **SBM-23-1518**
SHEET No. **C4**
PLAN FILE No. **-**
HABITAT FOR HUMANITY
303 - 317 SPEEDVALE AVE EAST
GUELPH, ON.