DRAINAGE PARCEL No. — A1 XX | X.XX — RUNOFF COEFFICIENT 'C' VALUE
XXX.XX — TOTAL DRAINAGE PARCEL AREA (m²)

CATCHMENT AREA MARKER

N.T.S.

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

EXISTING SERVICING NOTE:
INVERTS OF THE EX. SANITARY & STORM SEWERS @ CONNECTION POINTS SHALL BE CONFIRMED BY THE OWNER'S CONTRACTOR PRIOR TO THE START OF CONSTRUCTION/ORDERING STRUCTURES. THE CONSULTANT IS TO BE INFORMED IF DIFFERENT THAN NOTED.

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.

SITE PREPARATION NOTE:
THIS PLAN HAS BEEN PREPARED TO IDENTIFY REMOVALS, EROSION & SEDIMENT CONTROL MEASURES AND TEMPORARY CONSTRUCTION WORKS FOR THE BENEFIT OF THE OWNER'S CONTRACTOR IN ADVANCE OF SERVICING WORKS. IT IS NOT INTENDED TO IDENTIFY PERMANENT GRADING PATTERNS.

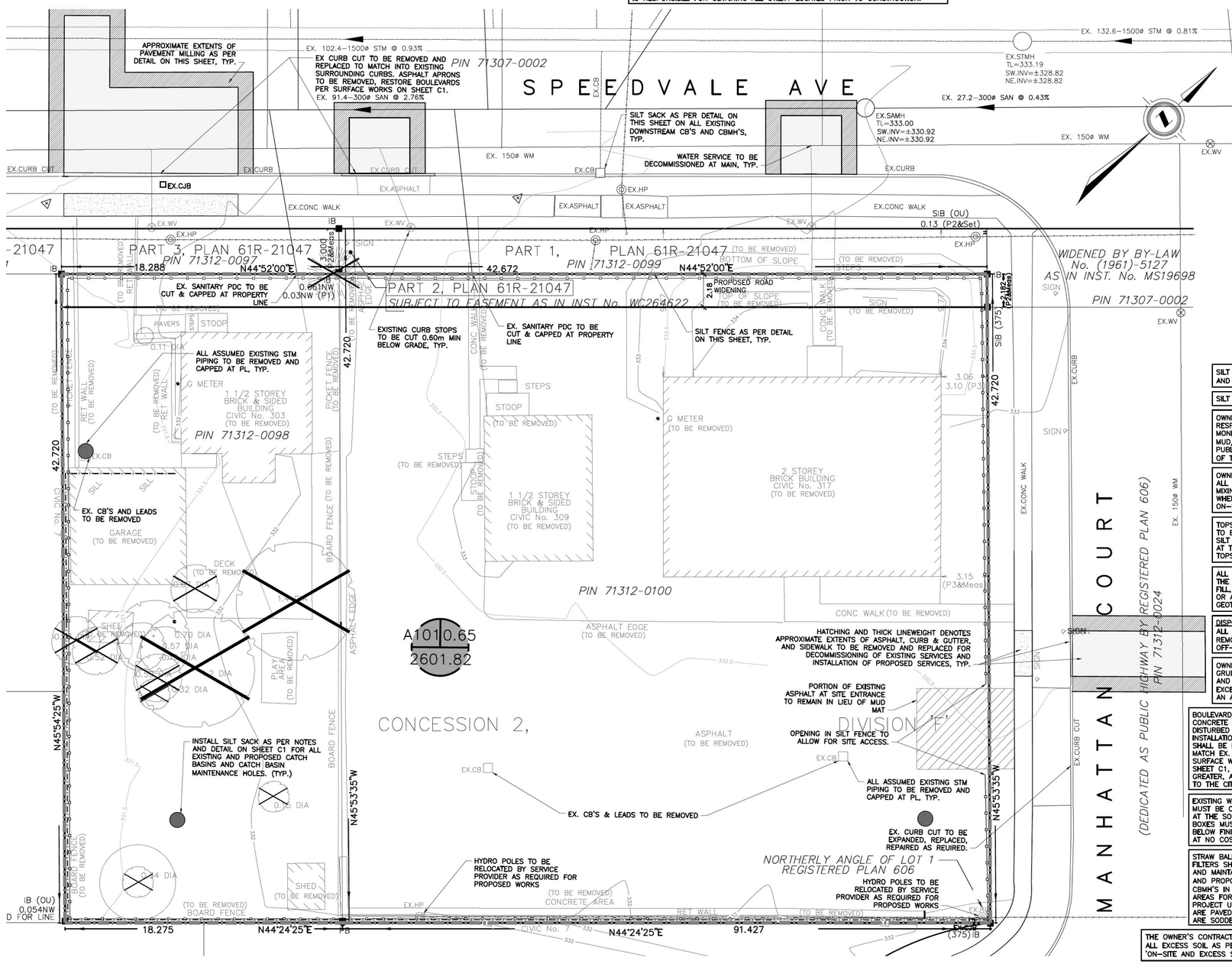
STORM DRAINAGE NOTE:
STORM DRAINAGE MAY TEMPORARILY NEED TO BE CONTROLLED AND PUMPED FROM STORM SEWER SYSTEM. ANY SUCH TEMPORARY MEASURES SHALL BE CONDUCTED AT NO EXTRA COST TO THE CONTRACT AND BE BASED UPON THE OWNER'S CONTRACTOR'S WATER CONTROL PLANS. WHICH MUST BE APPROVED BY THE CONTRACT ADMINISTRATOR/ENGINEER PRIOR TO CONSTRUCTION.

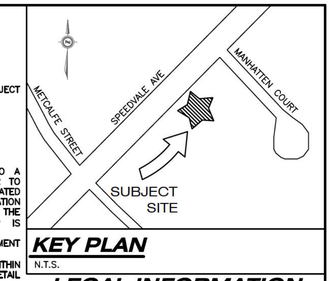
UTILITIES NOTE:
FOR CLARITY, NOT ALL EXISTING UTILITIES MAY BE SHOWN. THE OWNER'S CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL UTILITY LOCATES PRIOR TO CONSTRUCTION.

UNLESS OTHERWISE NOTED ON THE PLANS, GEOTEXTILE SHALL BE NON-WOVEN TO MEET CLASS 2-OPSS.MUNI 1860.07.02 (I.E. TERRAFIX 270R, OR APPROVED EQUAL) WITH 300mm MIN. OVERLAPS.

THE OWNER'S CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL MEASURES IN COMPLIANCE WITH THE ONTARIO TRAFFIC MANUAL BOOK 7 AND BOOK 18 FOR ALL WORKS WITHIN THE CITY RIGHT-OF-WAY. THE OWNER'S OWNER'S CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE CITY/ENGINEER FOR REVIEW PRIOR TO PROCEEDING WITH CONSTRUCTION.

SEDIMENT AND EROSION CONTROL MEASURES MAY ONLY BE REMOVED UPON STABILIZATION OF CONTRIBUTING CATCHMENT AREA AND SUBJECT TO APPROVAL OF ENGINEER/CITY OF LONDON.





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 SOUTHEAST FROM SOUTHEAST CORNER OF HOUSE NO. 12, 23.7 M NORTHEAST FROM NORTHEAST CORNER OF HOUSE NO. 10, 1.7 M SOUTHEAST 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 SOUTHEAST FROM SOUTHEAST CORNER OF HOUSE NO. 12, 23.7 M NORTHEAST FROM NORTHEAST CORNER OF HOUSE NO. 10, 1.7 M SOUTHEAST 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)

SEDIMENT & EROSION CONTROL MEASURES:

1. PROTECT ALL EXPOSED SURFACES AND CONTROL ALL RUNOFF DURING CONSTRUCTION.
2. ALL EROSION CONTROL MEASURES TO BE IN PLACE BEFORE STARTING CONSTRUCTION.
3. SEDIMENT AND EROSION CONTROL MEASURES TO BE REMOVED AT COMPLETION OF PROJECT (FOLLOWING COMPLETION OF BASE ASPHALT AND SOD).
4. MAINTAIN EROSION CONTROL MEASURES DURING CONSTRUCTION.
5. ALL COLLECTED SEDIMENT TO BE DISPOSED OF AT AN APPROVED LOCATION.
6. MINIMIZE AREA DISTURBED DURING CONSTRUCTION.
7. LIMIT THE SIZE OF DISTURBED AREAS BY MINIMIZING NONESSENTIAL CLEARING AND GRADING.
8. MAINTAIN OVERLAND SHEET FLOW AND AVOID CONCENTRATED FLOWS.
9. ALL DEWATERING TO BE DISPOSED OF IN AN APPROVED SEDIMENTATION BASIN.
10. IF LOCALIZED DEWATERING IS REQUIRED, DEWATERING EFFLUENT SHALL BE DIRECTED TO A DEWATERING TRAP AS PER OPSD 219.240 FOR SEDIMENT AND EROSION CONTROL PRIOR TO DISCHARGING OVERLAND TO THE WETLAND. IF REQUIRED, DEWATERING TRAPS ARE TO BE LOCATED ENTIRELY ON SITE AND OUT OF THE 30M WETLAND BUFFER. IF THE DEWATERING OPERATION EXCEEDS THE CAPACITY OF THE DEWATERING TRAP, OR IF DEWATERING TRAP FAILS, THE OPERATION SHALL BE STOPPED IMMEDIATELY UNTIL A SECOND (CONTINGENCY) TRAP IS CONSTRUCTED FOR THE DEWATERING OPERATION TO CONTINUE.
11. PROTECT ALL CATCH BASINS, CATCH BASIN MAINTENANCE HOLES AND PIPE ENDS FROM SEDIMENT INTRUSION WITH GEOTEXTILE FABRIC (TERRAFIX 270 R), SILT SACKS, OR APPROVED EQUAL.
12. PROTECT ALL CATCH BASINS, CATCH BASIN MAINTENANCE HOLES, AND PIPE ENDS WITHIN LANDSCAPE AREAS FROM SEDIMENT INTRUSION WITH STRAW BALE SEDIMENT FILTERS PER DETAIL ON THIS SHEET.
13. KEEP ALL SUMPS CLEAN DURING CONSTRUCTION.
14. PREVENT WIND-BLOWN DUST.
15. MAKE AN EFFORT TO RETAIN EXISTING VEGETATION AND STABILIZE EXPOSED SOILS WITH VEGETATION WHERE, AND AS SOON AS POSSIBLE.
16. STRAW BALES TO BE USED IN LOCALIZED AREAS AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION FOR WORKS WHICH ARE IN OR ADJACENT TO FLOOD LINES, FILL LINES AND HAZARDOUS SLOPES.
17. STRAW BALES TO BE TERMINATED BY ROUNDING BALES TO CONTAIN AND FILTER RUNOFF.
18. OBTAIN APPROVAL FROM THE GRAND RIVER CONSERVATION AUTHORITY (GRCA) PRIOR TO CONSTRUCTION FOR WORKS WHICH ARE IN, OR ADJACENT TO FLOOD LINES, FILL LINES AND HAZARDOUS SLOPES.
19. ALL SILT FENCING AND DETAILS ARE AT THE MINIMUM TO BE CONSTRUCTED IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.
20. ALL OF THE ABOVE NOTES AND ANY SEDIMENT & EROSION CONTROL MEASURES ARE AT THE MINIMUM TO BE IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.
21. SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE INSPECTED WEEKLY OR FOLLOWING SIGNIFICANT RAINFALL EVENTS.
22. ON-SITE SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE REVIEWED AND MODIFIED TO MEET THE CHANGING SITE.
23. THE OWNER'S REPRESENTATIVE SHALL (OR SHALL ASSIGN SOMEONE TO) INSPECT THE SITE AT LEAST ONCE A WEEK DURING CONSTRUCTION. IN THE CASE OF A DEFICIENCY IN ANY OF THE IMPLEMENTED SEDIMENT AND EROSION CONTROL MEASURES, THE PROJECT ENGINEER, MR. HASAN AHMAD, P.ENG. OR KEVIN MONIZ P.ENG. (STRIK BALDINELLI MONIZ LTD.) SHALL BE CONTACTED IMMEDIATELY TO DETERMINE APPROPRIATE REPAIR MEASURES.
24. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REPAIRED WITHOUT DELAY BY THE OWNERS CONTRACTOR AS INSTRUCTED BY THE CONTRACT ADMINISTRATOR/ENGINEER AT NO EXPENSE TO THE OWNER.
25. THE DEVELOPER SHALL STABILIZE ALL DISTURBED SOIL WITHIN 90 DAYS OF BEING DISTURBED, CONTROL ALL NOXIOUS WEEDS, AND KEEP GROUND COVER TO A MAXIMUM HEIGHT OF 150mm (6 INCHES) UNTIL THE COMPLETION OF THE LANDSCAPING WITHIN THE UNIT BOUNDARY
26. MUD MATS TO BE PROVIDED ON-SITE AT CONSTRUCTION ENTRANCE LOCATIONS WHERE CONSTRUCTION VEHICLES EXIT THE SITE. MUD MAT SHALL BE IN ACCORDANCE WITH CITY OF GUELPH STANDARD DRAWING 5-45 "CONSTRUCTION ENTRANCE MUD MAT DETAIL FOR CITY ROAD ACCESS"

SILT SACKS (OR APPROVED EQUAL) SHALL BE INSTALLED AND MAINTAINED IN EXISTING AND PROPOSED CB'S AND CBMH'S FOR DURATION OF PROJECT UNTIL SURFACES ARE PAVED AND BOULEVARDS ARE SODDED.

SILT FENCE TO BE CONSTRUCTED ON PROPERTY LINE. LINE WORK IS SHOWN AS OFFSET FOR CLARITY.

OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR REGULAR MONITORING & CLEANUP OF TRACKED MUD/DEBRIS ON ADJACENT LANDS & PUBLIC ROADS TO THE SATISFACTION OF THE ENGINEER/CITY OF GUELPH.

OWNER'S CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO AVOID MIXING TOPSOIL WITH SUBSOIL, WHERE REQUIRED FOR REUSE ON-SITE.

TOPSOIL STOCKPILE SIZES/LOCATIONS TO BE DETERMINED IN THE FIELD. SILT FENCE SHALL BE CONSTRUCTED AT TOE OF DOWNGRADE EDGES OF TOPSOIL STOCKPILE

ALL NATIVE FILL PLACED SHALL MEET THE REQUIREMENTS FOR ENGINEERED FILL, COMPACTED TO 100% SPMDD OR AS OUTLINED IN THE GEOTECHNICAL REPORT.

DISPOSAL NOTE:
ALL ITEMS NOTED AS "TO BE REMOVED" SHALL BE DISCARDED OFF-SITE AT AN APPROVED FACILITY.

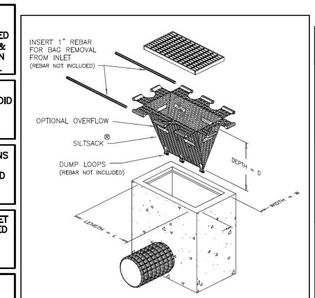
OWNER'S CONTRACTOR TO CLEAR AND GRUB SITE PRIOR TO CONSTRUCTION AND DISPOSE OF ALL DEBRIS AND EXCESS FILL/TOPSOIL OFF-SITE AT AN APPROVED FACILITY.

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.

EXISTING WATER SERVICE MUST BE CUT AND CAPPED AT THE SOURCE AND CURB BOXES MUST BE CUT 600 BELOW FINISHED GRADE, ALL AT NO COST TO THE CITY.

STRAW BALE SEDIMENT FILTERS SHALL BE INSTALLED AND MAINTAINED IN EXISTING AND PROPOSED CB'S AND CBMH'S IN LANDSCAPED AREAS FOR DURATION OF PROJECT UNTIL SURFACES ARE PAVED AND BOULEVARDS ARE SODDED.

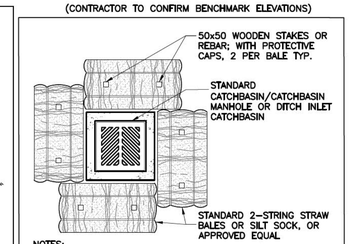
THE OWNER'S CONTRACTOR IS TO MANAGE ALL EXCESS SOIL AS PER O.REG 406/19 "ON-SITE AND EXCESS SOIL MANAGEMENT"



NOTE:
REFER TO MANUFACTURER'S SPECIFICATIONS FOR INSTALLATION

SILT SACK DETAIL

N.T.S.

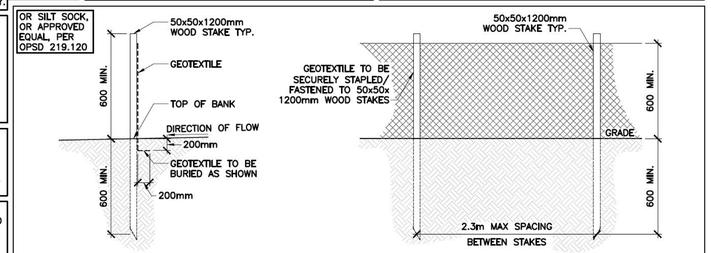


NOTES:
1. PROVIDE GEOTEXTILE WRAP UNDER LID OF CATCHBASIN DURING CONSTRUCTION AND REMOVE ONLY ONCE CONSTRUCTION IS COMPLETE.
2. OVERLAP STRAW BALES ¼ OF THE WIDTH OF THE BALE TYP.

STRAW BALE SEDIMENT FILTER

N.T.S.

OR SILT SOCK, OR APPROVED EQUAL, PER OPSD 219.120



SILT FENCE DETAIL

N.T.S.

REFERENCE: OPSD 219.110

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

AS CONSTRUCTED SERVICES	COMPLETION		No.	REVISIONS	D/M/Y	BY
		DESIGN HA	1	FOR SUBMISSION – OPA/ZBA	1/02/24	BLG
		DRAWN BG/BG				
		CHECKED TMB/KEK				
		APPROVED KAM				
		DATE 1/31/2024				
		CAD 23–1518				

CONSULTANT

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

TITLE
EXISTING CONDITIONS, REMOVALS, AND SEDIMENT & EROSION CONTROL PLAN
HABITAT FOR HUMANITY
303 – 317 SPEEDVALE AVE EAST
GUELPH, ON.

PROJECT No. SBM–23–1518
SHEET No. C2
PLAN FILE No. –

23-2023 Job\SBM-23-1518 Habitat GW 303-317 Speedvale Ave - Guelph\03 Dwgs\03 Civil\03 Production Drawings\SBM-23-1518 Habitat GW 303-317 Speedvale Ave - Guelph - Existing\Plan.dwg