



Main table with columns for item number, description, and technical specifications. Includes sections for GENERAL, EROSION AND SEDIMENT CONTROL PLAN, GRADING & DRAINAGE, and SITE SERVICES.

WARE MALCOMB LEADING DESIGN FOR COMMERCIAL REAL ESTATE. Includes contact information: 180 bass pro mills drive, unit 103, vaughan ontario h4k 5w4, p 905.760.1221, wmalcomb.com

FOR AND ON BEHALF OF WARE MALCOMB

2760-2770 SHEFFIELD ROAD OTTAWA, ONTARIO NOTES

Table with columns for NO., DATE, and REMARKS. Includes a job information table at the bottom with fields for JOB NO., PA / PM, DRAWN BY, DATE, and SHEET C1.1 of 9.

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**NOTES FOR SEDIMENT & EROSION CONTROL**

- DISTURBED AREAS THAT HAVE FAILED TO HAVE STABLE GROUND COVER ESTABLISHED BY OCTOBER 10TH SHALL BE PROTECTED WITH A SILTATION CONTROL FENCE OR STRAW MULCH ETC. AND MAINTAINED BY THE CONTRACTOR UNTIL VEGETATION BECOMES ESTABLISHED IN THE SUBSEQUENT GROWING SEASON.
- ANY DEWATERING WASTE SHALL BE DISCHARGED TO A VEGETATED AREA AT LEAST 30 M FROM ANY WATERCOURSE AND FILTERED. FILTERING METHODS MUST BE APPROVED BY THE SITE ADMINISTRATOR.
- SILT FENCE SHALL BE PUT IN PLACE PRIOR TO AND MAINTAINED DURING ALL GRADING. SILT FENCE SHALL COMPLY WITH OPSD 219.110 FOR LIGHT DUTY AND / OR OPSD219130 FOR HEAVY DUTY, UNLESS NOTED OTHERWISE. SILT FENCE TO BE INSPECTED PRIOR TO COMMENCEMENT OF EARTH GRADING ACTIVITIES. SILT FENCE TO BE INSPECTED AND REPAIRED OR REPLACED IF DAMAGED AS DIRECTED BY THE SITE ADMINISTRATOR. SILT CONTROLS TO BE INSPECTED ON A REGULAR BASIS AND AFTER EVERY RAIN EVENT. INSTALLATION SHALL BE TO THE MANUFACTURER'S SUGGESTED SPECIFICATIONS.
- THE CONTRACTOR SHALL BE PREPARED FOR UNEXPECTED CONDITIONS AND ACCORDINGLY HAVE STOCKPILED MATERIALS ON SITE FOR NECESSARY REPAIRS AS A RESULT OF FAILED OR INADEQUATE CONTROL MEASURES. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE A WEEK, AND AFTER EVERY RAINFALL EVENT.
- MUD MATS WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES THE SITE SHALL BE USED. MUD MATS TO BE 200MM IN DEPTH, 8.0M WIDE BY 10.0M LONG, WHERE THE 10.0M OF LENGTH NEED TO BE 50MM TO 100MM OF CRUSHED STONE, OR MEET MUNICIPAL STANDARDS WHERE IDENTIFIED.
- CONTRACTOR SHALL OBTAIN A CURRENT COPY AND BECOME FAMILIAR WITH OPS 805, CONSTRUCTION SPECIFICATION FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS WELL AS ALL APPLICABLE MUNICIPAL STANDARDS.
- THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES. SUCH MEASURES SHOULD BE PRESENTED IN WRITING FOR APPROVAL OF THE SITE ADMINISTRATOR AND MUST BE APPROVED IN WRITING BY THE CONSERVATION AUTHORITY.
- THE TOPS OF ALL FILTER FABRIC MUST BE A MINIMUM OF 1.0 METRES ABOVE THE GROUND LEVEL AND ATTACHED TO THE FENCE WITH A CONTINUOUS STEEL WIRE. ALTERNATIVELY, THE FILTER FABRIC MUST BE FOLDED OVER THE TOP OF THE FENCE AND ATTACHED TO THE FENCE WITH WIRE LOOPED THROUGH THE FABRIC ON BOTH SIDES OF THE FENCE. FILTER FABRIC IS TO BE TERRAFIX 270R OR EQUIVALENT.
- ALL DISTURBED GROUND LEFT INACTIVE SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING, OR COVERING OR OTHER EQUIVALENT CONTROL MEASURES. THIS PERIOD OF INACTIVITY SHALL BE AT THE DISCRETION OF THE MUNICIPAL DIRECTOR OF ENGINEERING BUT SHALL NOT EXCEED (30) DAYS OR SUCH LONGER PERIOD DEEMED ADVISABLE BY THE MUNICIPAL DIRECTOR OF ENGINEERING.
- CONTRACTOR SHALL INSTALL AND MAINTAIN CATCHBASIN SEDIMENT BARRIERS THROUGHOUT THE SITE DURING ALL CONSTRUCTION ACTIVITIES IN ORDER TO MITIGATE SEDIMENT ENTERING THE STORM STORM SEWERS.
- NO FUEL TO BE STORED ON SITE. IN CASE OF A SPILL PLEASE CONTACT: MOECO SPILLS ACTION CENTER 1-800-268-8060.
- SEDIMENT CONTROLS ARE TO REMAIN IN PLACE UNTIL WRITTEN DIRECTION IS RECEIVED FROM THE ENGINEER REGARDING THEIR REMOVAL.
- EROSION AND SEDIMENT CONTROLS WILL BE INSPECTED ON AS PER MUNICIPAL REQUIREMENTS OR AFTER SIGNIFICANT RAINFALL EVENTS.

**SEQUENCE OF CONSTRUCTION**

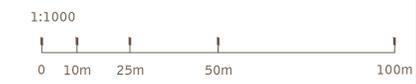
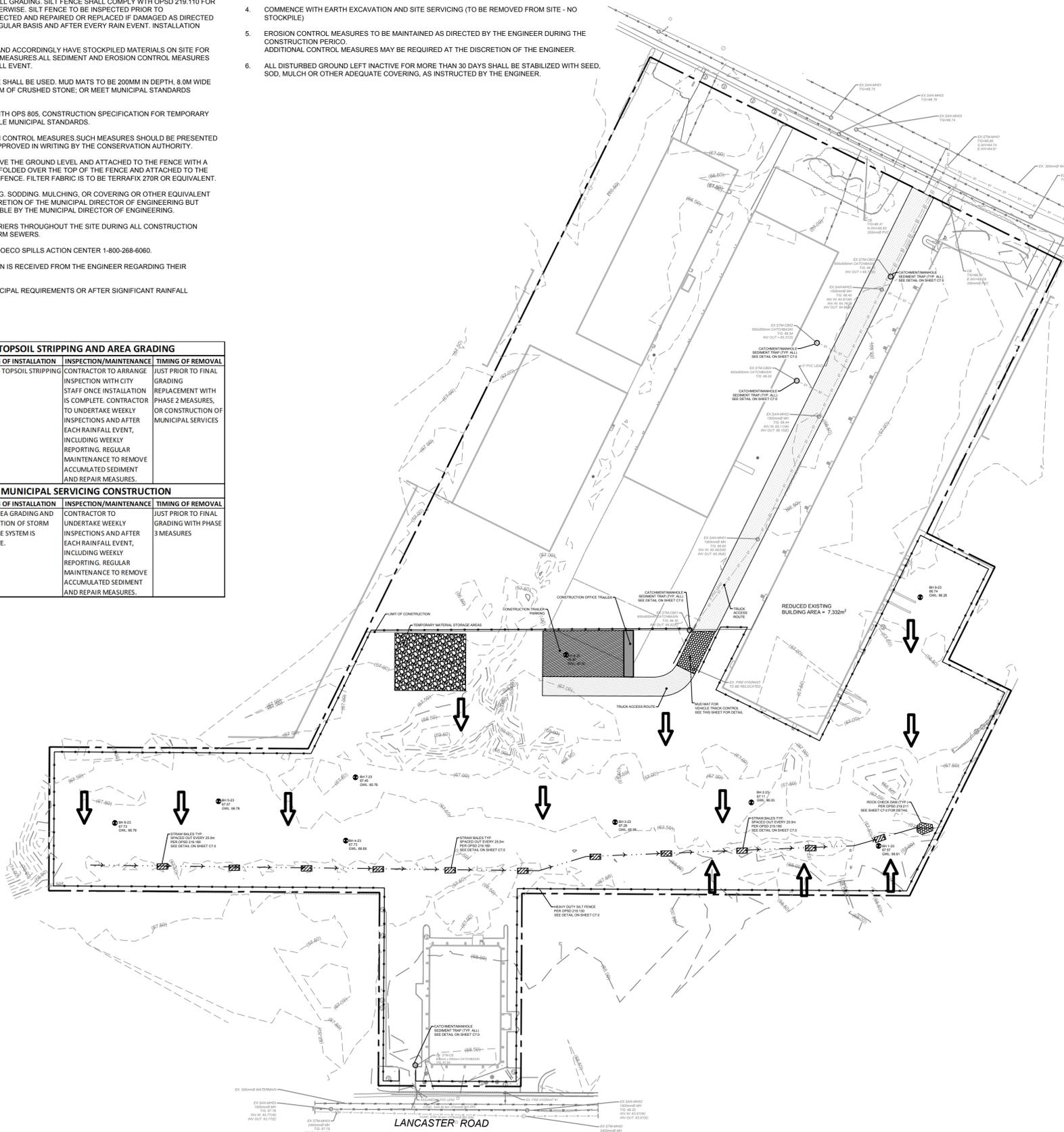
- ENGINEER TO BE NOTIFIED PRIOR TO INITIATION OF ANY ON SITE WORKS.
- SILT FENCE AND CONSTRUCTION ACCESS MATS TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY WORKS ON SITE.
- VEGETATION REMOVAL MAY COMMENCE AFTER ALL SILT FENCE IS INSTALLED AND APPROVED BY THE ENGINEER.
- COMMENCE WITH EARTH EXCAVATION AND SITE SERVICING (TO BE REMOVED FROM SITE - NO STOCKPILE)
- EROSION CONTROL MEASURES TO BE MAINTAINED AS DIRECTED BY THE ENGINEER DURING THE CONSTRUCTION PERIOD. ADDITIONAL CONTROL MEASURES MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER.
- ALL DISTURBED GROUND LEFT INACTIVE FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH SEED, SOD, MULCH OR OTHER ADEQUATE COVERING, AS INSTRUCTED BY THE ENGINEER.

**LEGEND:**

-  SILT FENCE
-  EXISTING CONTOUR
-  ROCK CHECK DAM
-  STRAW BALE
-  TEMPORARY SWALE
-  OVERLAND FLOW ROUTE
-  BOREHOLE

SITE AREA	84,454 sq.m
AREA OF ALTERATION	42,064 sq.m
EXISTING LAND USE	UNDEVELOPED
ADJOINING PROPERTY LAND USE	INDUSTRIAL
SOIL TYPE	SILTY CLAY

STAGE 1 - TOPSOIL STRIPPING AND AREA GRADING			
ESC MEASURE	TIMING OF INSTALLATION	INSPECTION/MAINTENANCE	TIMING OF REMOVAL
SILT FENCE	PRIOR TO TOPSOIL STRIPPING	CONTRACTOR TO ARRANGE INSPECTION WITH CITY STAFF ONCE INSTALLATION IS COMPLETE. CONTRACTOR TO UNDERTAKE WEEKLY INSPECTIONS AND AFTER EACH RAINFALL EVENT, INCLUDING WEEKLY REPORTING. REGULAR MAINTENANCE TO REMOVE ACCUMULATED SEDIMENT AND REPAIR MEASURES.	JUST PRIOR TO FINAL GRADING
MUD MAT			REPLACEMENT WITH PHASE 2 MEASURES, OR CONSTRUCTION OF MUNICIPAL SERVICES
TOPSOIL STOCKPILE			
STAGE 2 - MUNICIPAL SERVICING CONSTRUCTION			
ESC MEASURE	TIMING OF INSTALLATION	INSPECTION/MAINTENANCE	TIMING OF REMOVAL
RESTORATION HYDROSEEDING	AFTER AREA GRADING AND INSTALLATION OF STORM DRAINAGE SYSTEM IS COMPLETE.	CONTRACTOR TO UNDERTAKE WEEKLY INSPECTIONS AND AFTER EACH RAINFALL EVENT, INCLUDING WEEKLY REPORTING. REGULAR MAINTENANCE TO REMOVE ACCUMULATED SEDIMENT AND REPAIR MEASURES.	JUST PRIOR TO FINAL GRADING WITH PHASE 3 MEASURES
SEDIMENT TRAPS			
CONNECTIONS TO STORM SEWER			



**WARE MALCOMB**  
LEADING DESIGN FOR COMMERCIAL REAL ESTATE

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FOR AND ON BEHALF OF WARE MALCOMB

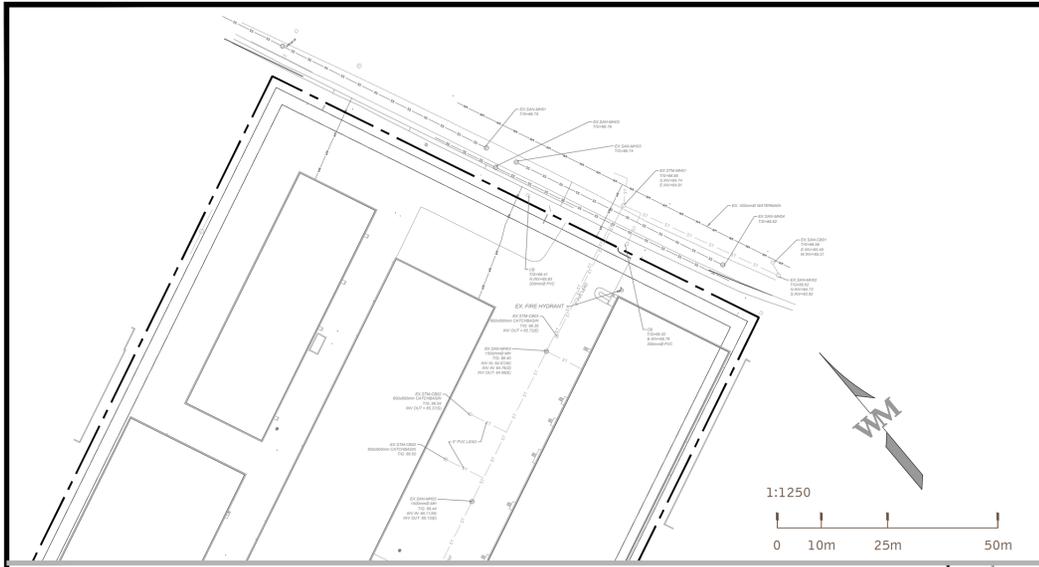
2760-2770 SHEFFIELD ROAD  
OTTAWA, ONTARIO  
ESC & CONSTRUCTION MANAGEMENT PLAN

NO.	DATE	REMARKS

JOB NO.	OTW21-0002
PA / PM	NI
DRAWN BY:	SJ
DATE:	2023-03-09

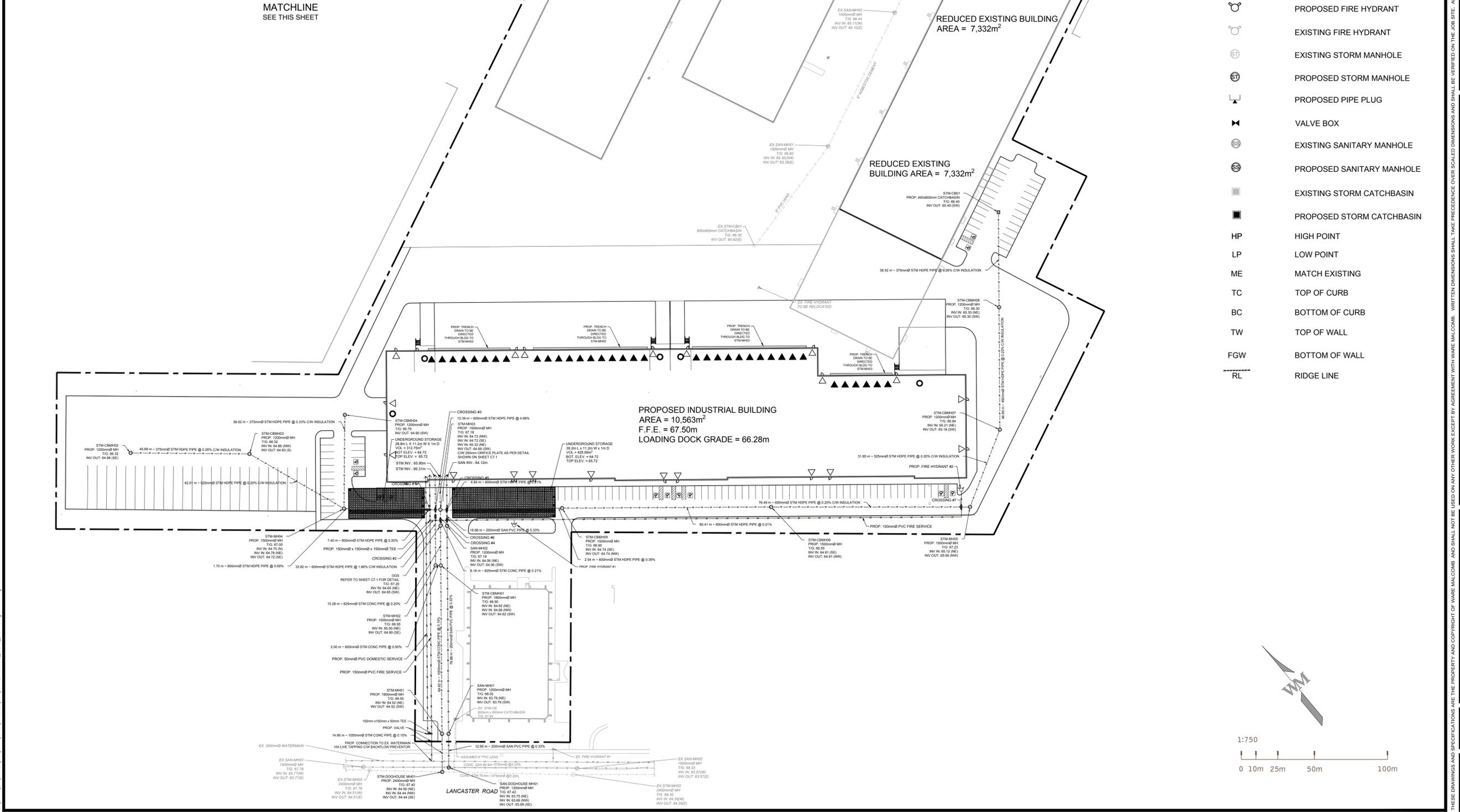
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**C6.0**  
Sheet 7 of 9

WARE MALCOMB assumes no responsibility for utility locations. The utilities shown on this drawing have been plotted from the best available information. It is, however, the contractors responsibility to field verify the location of all utilities prior to the commencement of any construction.



CROSSING TABLE			
CROSSING #	INVERT OF PIPE ABOVE	OBVERT OF PIPE BELOW	CLEARANCE
1	STM = 64.85m	WAT = 64.35m	0.50m
2	STM = 65.90m	WAT = 65.40m	0.50m
3	STM = 65.85m	STM = 65.35 m	0.50m
4	STM = 64.60m	WAT = 64.10m	0.50m
5	STM = 64.81m	SAN = 64.31m	0.50m
6	WAT = 65.21m	SAN = 64.71m	0.50m
7	STM = 65.04m	STM = 64.54m	0.50m

- LEGEND:**
- PROPERTY LINE
  - 213.50--- PROPOSED 0.25m CONTOUR
  - (213.50)--- EXISTING 0.25m CONTOUR
  - SS---SS PROPOSED SANITARY LINE
  - SS---SS EXISTING SANITARY LINE
  - WM---WM PROPOSED WATER LINE
  - WM---WM EXISTING WATER LINE
  - FW---FW PROPOSED FIRE LINE
  - ST---ST PROPOSED STORM LINE
  - ST---ST EXISTING STORM LINE
  - >--- PROPOSED SWALE
  - PROPOSED FIRE HYDRANT
  - EXISTING FIRE HYDRANT
  - EXISTING STORM MANHOLE
  - PROPOSED STORM MANHOLE
  - └┘ PROPOSED PIPE PLUG
  - ✕ VALVE BOX
  - EXISTING SANITARY MANHOLE
  - PROPOSED SANITARY MANHOLE
  - EXISTING STORM CATCHBASIN
  - PROPOSED STORM CATCHBASIN
  - HP HIGH POINT
  - LP LOW POINT
  - ME MATCH EXISTING
  - TC TOP OF CURB
  - BC BOTTOM OF CURB
  - TW TOP OF WALL
  - FGW BOTTOM OF WALL
  - RL RIDGE LINE



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FOR AND ON BEHALF OF WARE MALCOMB

2760-2770 SHEFFIELD ROAD  
OTTAWA, ONTARIO  
SERVICING PLAN

NO.	DATE	REMARKS

JOB NO.	OTW21-0002
PA / PM:	NI
DRAWN BY:	SJ
DATE:	2023-03-09

SHEET  
**C5.0**  
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2760-2770 SHEFFIELD ROAD  
OTTAWA, ON

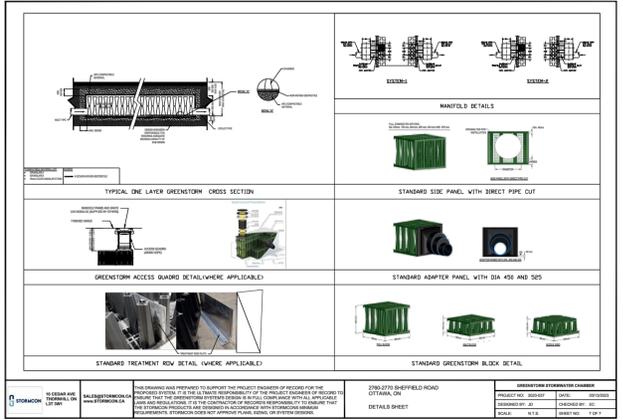
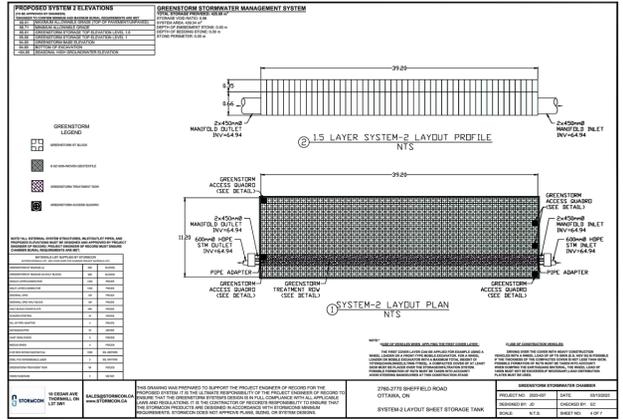
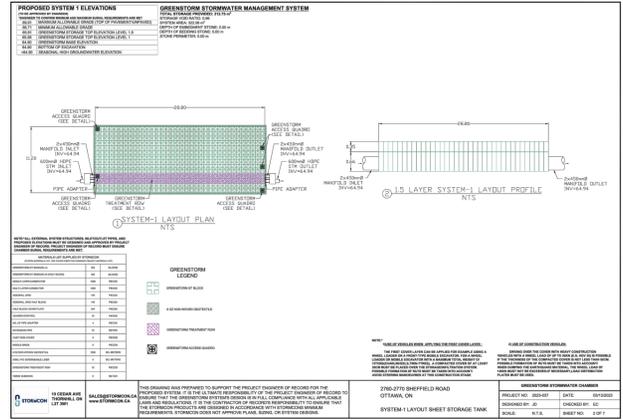
DRAWING INDEX

COVER SHEET  
SYSTEM LAYOUT SHEET  
SYSTEM OVERLAY SHEET  
DETAIL SHEET

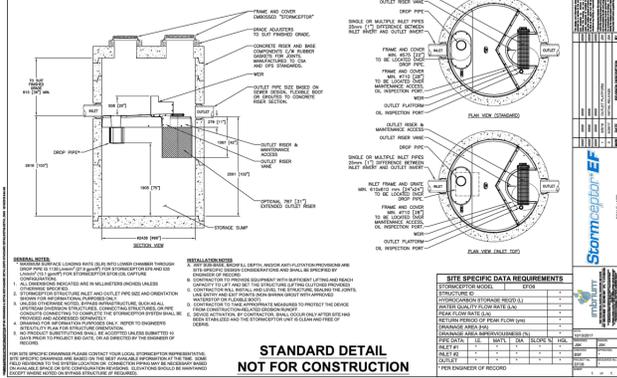
SHEET NO  
1 OF 1  
2 OF 1  
3 OF 1

PROJECT INFORMATION table with columns for SITE CONTACT, ENGINEER, SALES REP, PROJECT NO, and COMMENTS.

GENERAL NOTES: 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS FOR THE CONSTRUCTION METHOD AND SITE INFORMATION... 2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS FOR THE CONSTRUCTION METHOD AND SITE INFORMATION...



DRAWING NOT TO BE USED FOR CONSTRUCTION



STANDARD DETAIL NOT FOR CONSTRUCTION

WARE MALCOMB logo and contact information: 180 bass pro mille drive, unit 103, vaughan ontario h4k 5w4, p 905.760.1221, wmalcomb.com

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2760-2770 SHEFFIELD ROAD  
OTTAWA, ONTARIO  
DETAILS

REMARKS table with columns for NO., DATE, and REMARKS.

JOB NO., PA / PM, DRAWN BY, DATE table with values: JOB NO. OTW21-0002, PA / PM NI, DRAWN BY SJ, DATE 2023-03-09