NOTES

A - GENERAL

1. UNLESS OTHERWISE STATED "ENGINEER" REFERS TO FRITZ GERALD ST FLEUR.
2. USE BAR SCALE TO CONFIRM ACTUAL PLOT SCALE. EXISTING AND NEW ELEVATIONS AND INVERTS SHOWN ARE GEODETIC AND ARE IN METERS. ALL PIPE DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. EXISTING ELEVATIONS AND LOCATIONS, INVERTS AND SIZES OF EXISTING SERVICES AND UTILITIES ARE NOT NECESSARILY SHOWN ON PLAN AND THOSE SHOWN ARE DERIVED FROM AVAILABLE PROPOSED CIVIL 3D MODEL AND SURVEY AND MUST BE CONFIRMED ON SITE BEFORE COMMENCING CONSTRUCTION.
4. REPORT ANY DIFFERENCES TO ENGINEER.
5. UNDERGROUND LOCATES (INCLUDING ONTARIO ONE CALL : 1 800 400 2255) SHALL BE CONDUCTED PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION.
6. SITE BOUNDARIES AND EXISTING GRADES AND OTHER FEATURES DERIVED FROM TOPOGRAPHIC SURVEY PREPARED BY ANNIS. O'SULLIVAN, VOLLEBEKK LTD. JOB No. 22958-22. IT IS THE RESPONSIBILITY OF THE USER USER OF THE SURVEY PLAN AND THESE DRAWINGS TO VERIFY THAT THE JOB BENCH MARK HAS NOT BEEN ALTERED OR DISTURB AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREE WITH THE INFORMATION SHOWN ON SURVEY PLAN AND THESE DRAWINGS.
7. REFERENCE THE LATEST REVISION AND ALL ADDENDUMS OF THE "GEOTECHNICAL INVESTIGATION, REPORT PG6308-1 REVISION2 " BY PATERSON GROUP. SITE PREPARATION INCLUDING BUILDING, SUB-GRADE PREPARATION AND PAVEMENT SUB-GRADE PREPARATION AND CONSTRUCTION OF THE PAVEMENT STRUCTURE AND EXCAVATION AND BACKFILLING, INCLUDING COMPACTION OF MATERIALS, SHALL CONFORM TO THE GEOLOGICAL INVESTIGATION TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
8. DRAWINGS ARE TO BE READ READ IN CONJUNCTION WITH SERVICING BRIEF & STORM WATER MANAGEMENT REPORT No. PALA-001-CR-01 PREPARED BY FRITZ GERALD ST FLEUR P. ENG.
9. REINSTATE ADJACENT PROPERTIES TO PRE-CONSTRUCTION CONDITIONS.
10. ALL RELEVANT WORK SHALL BE DONE IN ACCORDANCE WITH CURRENT CITY STANDARDS AND SPECIFICATIONS.
11. ONTARIO PROVINCIAL STANDARDS & SPECIFICATIONS WILL APPLY WHERE NO CITY STANDARDS ARE AVAILABLE.
12. ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE CONTRACT DOCUMENTS.
13. CONTRACTOR MUST COMPLY WITH LOCAL BY-LAWS, ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND ALL REGULATIONS SET BY AUTHORITIES HAVING JURISDICTION. IN CASE OF CONFLICT OR DISCREPANCY, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
14. CONTRACTOR RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY LOCATES, DAYLIGHTING, INSPECTIONS, PERMITS, AND APPROVALS, INCLUDING ALL ASSOCIATED COSTS. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE ONLY AND BASED ON BEST AVAILABLE INFORMATION.

B - EROSION AND SEDIMENT CONTROL PLAN

1. THE EROSION AND SEDIMENT CONTROL PLAN IS A "LIVING DOCUMENT" AND SHALL BE UPDATED AS REQUIRED. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE PROTECTION OF THE DRAINAGE SYSTEM AND THE RECEIVING WATER COURSE DURING CONSTRUCTION ACTIVITIES.
2. INSTALL A SILT FENCE BARRIER AROUND STOCKPILED SEDIMENT OR SOIL. PRIOR TO COMMENCEMENT OF CONSTRUCTION, INSTALL A SILT FENCE BARRIER AS SHOWN ON PLANS. REMOVE DEPOSITS WHEN THE LEVEL REACHES ONE-THIRD THE HEIGHT OF THE FENCE. IMMEDIATELY REPAIR OR REPLACE ANY DAMAGED SECTIONS OF FENCE. DO NOT REMOVE UNTIL CONSTRUCTION IS COMPLETE.
3. CONSTRUCTION IS CONSIDERED COMPLETE WHEN:

- ALL STRUCTURES HAVE BEEN BUILT
- EXPOSED SOIL HAS BEEN STABILIZED OR HAS FULL COVERAGE OF WELL-ESTABLISHED TURF AND HAS HAD A MINIMUM OF ONE FULL GROWING SEASON (MAY 15TH TO SEPTEMBER 15TH)
- THERE ARE NO AREAS OF EXPOSED EARTH

4. REMOVE EROSION AND SEDIMENT CONTROL MEASURES WHEN CONSTRUCTION IS COMPLETE.
5. PREVENT AIR POLLUTION FROM DUST AND PARTICULATE MATTER.
6. ALL STORM MANHOLES AND CATCHBASIN MANHOLES TO HAVE 300mm SUMPS; ALL CATCHBASINS TO HAVE 600mm SUMPS.
7. INSTALL FILTER BAG INSERT IN ALL STORM MANHOLES AND CATCH BASINS IMPACTED DURING CONSTRUCTION.
8. SEDIMENT AND EROSION CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA INSPECTOR OR CONSERVATION AUTHORITY.
9. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

C - GRADING AND DRAINAGE

1. NEW GRADES TO MATCH EXISTING AT PROPERTY LINE. NO ALTERATION TO EXISTING GRADE AND DRAINAGE PATTERNS ON PROPERTY LINE.
2. ALL AREAS SHALL BE GRADED TO ENSURE ADEQUATE DRAINAGE AWAY FROM BUILDINGS TO AVOID PONDING.
3. PROMPTLY MAKE GOOD OTHER CONTRACTOR'S WORK DAMAGED BY SUCH CORRECTIONS.
4. GEOTEXTILE FABRIC: TO OPSS 1860. WOVEN SYNTHETIC FIBER FABRIC SHALL BE USED IN MATERIAL BY UNROLLING ONTO GRADED SURFACE, SMOOTH AND FREE OF TENSION STRESS.
5. EXCAVATE USING A HYDRO-VAC TRUCK TO MINIMIZE ROOT DAMAGE WHERE ANY EXCAVATION IS WITHIN THE CRITICAL ROOT ZONE (10× TRUNK DIAMETER) OF ANY TREE TO REMAIN.

D - WATER AND SEWER SERVICING

1. WATER METER SHALL BE INSTALLED AS PER CITY OF OTTAWA DWG. NO. W31.
2. MATERIALS SHALL BE COPPER ASTM B88 TYPE "K" SOFT TO CITY OF OTTAWA STANDARDS.
3. PROVIDE A MINIMUM 2.4 m COVER OVER WATER SERVICE CONNECTION. WHERE THE MINIMUM COVER IS NOT POSSIBLE, INSULATE AS PER CITY OF OTTAWA STANDARDS.
4. PROVIDE A MINIMUM 2.0 m COVER OVER SEWERS. WHERE THE MINIMUM COVER IS NOT POSSIBLE, INSULATE AS PER CITY OF OTTAWA STANDARDS.
5. USE PVC SDR-35 FOR DIAMETERS 150 MM OR LESS. CONFORM TO CSA B182.2.
6. PERFORATED 250 MM SUB-DRAINS SHALL BE HDPE, INTERIOR SMOOTH-WALLED WITH FILTER SOCK.
7. MANHOLES AND CATCH BASINS TO OPSS 1351 AND OPSD 701.01D.
8. PROVIDE MINIMUM 3 m LONG, 150 MM DIAMETER PERFORATED SUB-DRAINS WITH FILTER SOCK AND END PLUG AT ALL CATCH BASINS AND CATCH BASIN MANHOLES.
9. ROOF DRAINS SHALL BE FLOW CONTROL TYPE WITH A CONTROL WEIR MINIMUM 50 mm IN DIAMETER.
10. FLOW CONTROL DEVICE LOCATED IN THE OUTLET PIPE OF CATCH BASIN MANHOLE COMPARTMENT SHALL BE PLUG STYLE WITH A ROUND ORIFICE (WITH THE ORIFICE LOCATED AT THE BOTTOM). DEVICE SHALL BE MANUFACTURED FOR A DISCHARGE RATE AS INDICATED ON PLAN. PRIOR TO INSTALLATION, SUBMIT SHOP DRAWING TO ENGINEER FOR APPROVAL.

E - CONSTRUCTION REQUIREMENTS

1. 5.1 PRIOR TO COMMENCING WORK:

- OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS
- CONFIRM EXISTING SERVICES, UTILITIES, AND STRUCTURES
- CONFIRM EXISTING GRADE ELEVATIONS
- COORDINATE AND SCHEDULE WORK WITH AUTHORITIES AND OTHER TRADES

2. SCHEDULE WORK TO MINIMIZE DISRUPTION
3. MAINTAIN AND PROTECT FROM DAMAGE ALL SERVICES, UTILITIES, AND STRUCTURES ENCOUNTERED.
4. PROTECT EXISTING BUILDINGS, TREES, PLANTS, LAWNS, FENCING, SERVICE POLES.
5. PROVIDE TRAFFIC CONTROL AND SAFETY MEASURES AS REQUIRED.
6. REMOVE OBSTRUCTIONS, ICE, AND SNOW FROM SURFACES TO BE EXCAVATED.
7. COORDINATE AND PAY FOR GEOTECHNICAL INSPECTIONS AND COMPACTION TESTS.
8. DISPOSE OF SURPLUS AND UNSUITABLE EXCAVATED MATERIAL OFF-SITE.
9. PLACE AND COMPACT FILL MATERIAL PER GEOTECHNICAL REPORT.
10. PREVENT SEGREGATION AND CONTAMINATION OF MATERIALS.

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PROVINCE OF ONTARIO

revisions		date
1	Issued for city permit	Dec. 07 2025
0	Issued for coordination	Nov. 17 2025

project / projet

Proposed 1-Storey Warehouse
3113 Carp Road
Ottawa, ON

drawing / dessin

Notes

designed / concu: F.G. St Fleur, P.Eng., ing. — date: 2025-12-07
drawn / dessiné: F.G. St Fleur, P.Eng., ing. — date: 2025-12-07

client

MEGHA HOLDINGS Inc.

Note
Do not scale. Refer any dimensional errors and/or possible trade interference/ conflict to the architects for clarification prior to commencement of the work.

project number / no. du projet: PALA-001

drawing no. / no. du dessin: C-004

A0

0 10 20mm 40 60 80 100 120 140 160 180 200mm