

1. ALL MATERIALS AND CONSTRUCTION METHODS TO BE IN ACCORDANCE WITH OPS AND CITY OF OTTAWA STANDARD SPECIFICATIONS AND DRAWINGS. OPS SUPPLEMENT, ONTARIO PROVINCIAL STANDARDS WILL APPLY WHERE NO CITY STANDARDS ARE AVAILABLE.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND BEAR COST OF SAME INCLUDING WATER PERMIT AND ASSOCIATED COSTS.
3. SERVICE AND UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING LOCATES FROM ALL UTILITY COMPANIES TO LOCATE EXISTING UTILITIES PRIOR TO EXCAVATION. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION AND REINSTATEMENT.
4. CONTRACTOR TO CONFIRM TIEN ELEVATIONS TO EXISTING INFRASTRUCTURE PRIOR TO INITIATING CONSTRUCTION AND INFORM THE ENGINEER OF ANY DISCREPANCY FROM THE AS-BUILT INFORMATION REFERENCED ON THE DRAWINGS.
5. ALL DISTURBED AREAS SHALL BE REINSTATED TO EQUAL OR BETTER CONDITION TO THE SATISFACTION OF THE ENGINEER & THE CITY. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH OPSD 509.010 AND OPS3 310.
6. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OPERATIONAL HEALTH AND SAFETY ACT AND REGULATION FOR CONSTRUCTION PROJECTS". THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
7. THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENTATION CONTROL PLAN THAT WILL IMPLEMENT BEST MANAGEMENT PRACTICES TO PROVIDE PROTECTION FOR RECEIVING STORM SEWERS OR DRAINAGE DURING CONSTRUCTION ACTIVITIES. THIS PLAN SHALL INCLUDE BUT NOT BE LIMITED TO CATCH BASINS, INSERTS, STRAW BALE CHECK DAMS AND SEDIMENT CONTROLS AROUND ALL DISTURBED AREAS. DEWATERING SHALL BE PUMPED INTO SEDIMENT TRAPS.
8. SITE PLAN PREPARED BY PETROFF PARTNERSHIP ARCHITECTS, DRAWING 504-04B, REV. 1, PROJECT NAME: COMMERCIAL DEVELOPMENT, INNES ROAD & MER BLEUE, ORLEANS, ONTARIO.
9. TOPOGRAPHIC SURVEY SUPPLIED BY STANTEC GEOMATICS LTD. PROJECT NO. 161614946-111, TOPOGRAPHICAL SKETCH OF PART OF LOT 1 CONVESSION 1, GEOGRAPHIC TOWNSHIP OF CUMBERLAND, CITY OF OTTAWA.
10. REFER TO LANDSCAPE ARCHITECTURE PLAN FOR ALL LANDSCAPING FEATURES (ie. TREES, WALKWAYS, PARK DETAILS, NOISE BARRIERS, FENCES etc.)
11. GEOTECHNICAL INVESTIGATION: GEOTECHNICAL INVESTIGATION PROPOSED COMMERCIAL DEVELOPMENT, 2025 MER BLEUE ROAD - PHASE 2, OTTAWA, ONTARIO. PREPARED BY PATERSON GROUP, DATED SEPTEMBER 8, 2024. REPORT NO PG7042-1. GEOTECHNICAL INFORMATION PRESENTED ON THESE DRAWINGS MAY BE INTERFERED FROM THE EXISTING AND ADJACENT AREAS TO THE ORIGINAL GEOTECHNICAL REPORT FOR ADDITIONAL DETAILS AND TO VERIFY ASSUMPTIONS MADE HEREIN.
12. STREET LIGHTING TO CITY OF OTTAWA STANDARDS.
13. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED. DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO ENGINEER.
14. THERE WILL BE NO SUBSTITUTION OF MATERIALS UNLESS PRIOR WRITTEN APPROVAL BY THE CONTRACT ADMINISTRATOR AND DIRECTOR OF ENGINEERING HAS BEEN OBTAINED.
15. HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE TO BE NOTIFIED IF DEEPLY BURIED ARCHEOLOGICAL REMAINS ARE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES.

ROADWORKS

16. ALL TOPSOIL AND ORGANIC MATERIAL TO BE STRIPPED FROM WITHIN THE FULL RIGHT OF WAY PRIOR TO CONSTRUCTION.
17. SUB-EXCAVATE SOFT AREAS & FILL WITH GRANULAR B' COMPACTED 1.03m LAYERS.
18. ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMD).
19. ROAD SUBDRAINS SHALL BE CONSTRUCTED AS PER CITY OF OTTAWA STANDARD R1.
20. ASPHALT WEAR COURSE SHALL NOT BE PLACED UNTIL THE VIDEO INSPECTION OF SEWERS & NECESSARY REPAIRS HAVE BEEN CARRIED OUT TO THE SATISFACTION OF THE CONSULTANT.
21. CONTRACTOR TO OBTAIN A ROAD OCCUPANCY PERMIT 48 HOURS PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL ROAD ALLOWANCE IF REQUIRED BY THE MUNICIPALITY. ALL WORK ON THE MUNICIPALITY OF ROAD AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING.
22. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD R10, AND OPSD 509.010, AND OPS3 310.
23. CONCRETE CURBS SHALL BE CONSTRUCTED AS PER CITY STANDARD SC1.1 AND SC1.3 (BARRIER OR MOUNTABLE CURB AS SHOWN ON DRAWINGS).
24. CONCRETE SIDEWALKS SHALL BE CONSTRUCTED AS PER CITY STANDARDS SC3 AND SC1.4.
25. PAVEMENT CONSTRUCTION AND AS GEOTECHNICAL INVESTIGATION PROPOSED COMMERCIAL DEVELOPMENT, 2025 MER BLEUE ROAD - PHASE 2, OTTAWA, ON, PREPARED BY PATERSON GROUP, DATED SEPTEMBER 8, 2024, PROJECT NO. PG7042-1.
PAVEMENT STRUCTURE - CAR PARKING ONLY
50mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
150mm OPSS GRANULAR 'A' BASE
300mm OPSS GRANULAR 'B' TYPE II SUB BASE
26. PAVEMENT STRUCTURE - ACCESS LANES AND HEAVY TRUCKS
40mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm HL-3 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm OPSS GRANULAR 'A' BASE
450mm OPSS GRANULAR 'B' TYPE II SUB BASE
26. WHERE PROPOSED ASPHALT SURFACE RECOMMENDED ABOVE MEETS THE EXISTING ASPHALT SURFACE, THE FOLLOWING JOINT TRANSITION DETAIL SHOULD BE EMPLOYED.
A 300mm WIDE SECTION OF THE EXISTING ASPHALT SHOULD BE SAW CUT FROM THE EXISTING PAVEMENT EDGE TO PROVIDE A SOUND SURFACE TO ABUT THE PROPOSED PAVEMENT STRUCTURE.
IT IS RECOMMENDED TO MILL A 300mm WIDE AND 40mm DEEP SECTION OF THE EXISTING ASPHALT AT THE SAW CUT EDGE.

28. THE CONTRACTOR SHALL CONSTRUCT WATERMAIN, WATER SERVICES, CONNECTIONS & APPURTENANCES AS PER CITY OF OTTAWA SPECIFICATIONS & SHALL CO-ORDINATE AND PAY ALL RELATED COSTS INCLUDING THE COST OF CONNECTION, INSPECTION & DISINFECTION BY CITY PERSONNEL.
59. 100 YEAR PONDING DEPTH TO BE 0.30m (MAXIMUM).
60. EMBANKMENTS TO BE SLOPED AT MAX 3:1, UNLESS OTHERWISE SPECIFIED.
61. ALL SWALES TO BE MIN. 0.15m DEEP WITH MIN. 3:1 SIDE SLOPES

1. PROTECT ALL EXPOSED SURFACES AND CONTROL ALL RUNOFF DURING CONSTRUCTION.
2. ALL EROSION CONTROL MEASURES TO BE IN PLACE BEFORE STARTING CONSTRUCTION AND REMAIN IN PLACE UNTIL RESTORATION IS COMPLETE.
3. MAINTAIN EROSION CONTROL MEASURES DURING CONSTRUCTION.
4. ALL COLLECTED SEDIMENT TO BE DISPOSED OF AT AN APPROVED LOCATION.
5. MINIMIZE AREA DISTURBED DURING CONSTRUCTION.
6. ALL DEWATERING TO BE DISPOSED OF IN AN APPROVED SEDIMENTATION BASIN.
7. PROTECT ALL CATCHBASINS, MANHOLES AND PIPE ENDS FROM SEDIMENT INTERFUSION WITH GEOTEXTILE (TERRAFIX 270R OR APPROVED EQUIVALENT), UNLESS OTHERWISE SPECIFIED.
8. KEEP ALL SUMPS CLEAN DURING CONSTRUCTION.
9. PREVENT WIND-BLOWN DUST.
10. STRAW BALES TO BE USED IN LOCALIZED AREAS AS SHOWN AND AS DIRECTED BY THE CONTRACT ADMINISTRATOR DURING CONSTRUCTION.
11. STRAW BALES TO BE TERMINATED BY ROUNDING BALES TO CONTAIN AND FILTER RUNOFF.
12. CONSTRUCT TEMPORARY MEASURES TO CONTROL SILT ENTERING THE STORM DRAINAGE SYSTEM TO THE SPECIFICATIONS OUTLINED IN THE GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES PREPARED BY THE MINISTRY OF NATURAL RESOURCES. THESE MEASURES ARE TO BE INSTALLED PRIOR TO COMMENCING ANY CONSTRUCTION AND ARE TO REMAIN IN PLACE UNTIL CONSTRUCTION HAS BEEN COMPLETED TO THE SPECIFICATIONS OF THE CIVIL ENGINEER.
13. 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.
14. ALL OF THE ABOVE NOTES AND ANY SEDIMENT AND EROSION CONTROL MEASURES AT THE MINIMUM TO BE IN ACCORDANCE WITH THE MINISTRY OF NATURAL RESOURCES GUIDELINES ON EROSION AND SEDIMENT CONTROL FOR URBAN CONSTRUCTION SITES.

1. INITIAL SEDIMENT AND EROSION CONTROL MEASURES (I.E. HEAVY DUTY SILT FENCE ROBUST SILT FENCE) TO BE INSTALLED IN LOCATIONS AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN DRAWINGS.
2. IF DEEMED NECESSARY BY THE CONTRACT ADMINISTRATOR, INSTALL ENHANCED EROSION AND SEDIMENT CONTROL MEASURES TO DEAL WITH ABNORMAL CONDITIONS AS DIRECTED BY THE CONTRACT ADMINISTRATOR (STANTEC).
3. IF DEEMED NECESSARY BY THE CONTRACT ADMINISTRATOR THAT ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES ARE REQUIRED, INSTALL AN ADDITIONAL ROW OF HEAVY DUTY SILT FENCE AS SHOWN ON THE DETAIL DRAWING.
4. IF THE CONTRACT ADMINISTRATOR REQUIRES FURTHER SEDIMENT AND EROSION CONTROL MEASURES, INSTALL A STRAW BALE FILTER IN FRONT OF THE SECOND ROW OF HEAVY DUTY SILT FENCE.

	PROPOSED SILT FENCE BOUNDARY AS PER OPSP 219.1(10)
	PROPOSED CATCH BASIN PROTECTION AS PER TERRAFIX SILTSACK DETAIL
	PROPOSED MUD MAT LOCATION
	PROPOSED VALVE BOX
	PROPOSED VALVE CHAMBER
	PROPOSED FIRE HYDRANT
	PROPOSED SANITARY SEWER MANHOLE
	PROPOSED STORM SEWER MANHOLE
	PROPOSED CATCHBASIN

 EXISTING WATERMAN
 EXISTING VALVE AND VALVE BOX
 EXISTING FIRE HYDRANT
 EXISTING SANITARY SEWER
 EXISTING STORM SEWER
 EXISTING CATCHBASIN
 EXISTING SUBDIVISION TREE
 EXISTING SUBDIVISION STREETLIGHT
 EXISTING 4-PARTY SUBDIVISION JUT
 GAS MAIN ONLY TRENCH
 JOINT USE UTILITY TRENCH INCLUDING HYDRO
 TELECOMMUNICATIONS TRENCH ONLY
 STREETLIGHT ONLY TRENCH
 HYDRO TRANSFORMER/SWITCHGEAR
 CONCRETE ENCASED DUCT BANK
 PRIVATE HYDRO SUB-STATION
 4 MODULE & 6 MODULE COMMUNITY MAILBOX SITE
 ROGERS VAULT / PEDESTAL
 BELL GRADE LEVEL BOX
 BELL PEDESTAL
 PROPOSED LIGHT STANDARD
 PROPOSED TREE & SHRUBS (REFER TO LANDSCAPE PLAN FOR DETAILS)
 HYDRO METER LOCATION
 GAS METER LOCATION

