

1. ALL MATERIALS AND CONSTRUCTION METHODS TO BE IN ACCORDANCE WITH OPS AND CITY OF OTTAWA STANDARD SPECIFICATIONS AND DRAWINGS AND OPS SUPPLEMENT. ONTARIO PROCTOR STANDARDS WILL APPLY WHERE NO CITY STANDARDS ARE AVAILABLE.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND BEAR THE 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 TIE-IN 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 REINSTATE 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 "OCCUPATIONAL 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 SA-046, REV. 5, PROJECT NAME: COMMERCIAL DEVELOPMENT, INNES ROAD & MER BLEUE, ORLEANS, ONTARIO.
9. TOPOGRAPHIC SURVEY SUPPLIED BY STANTEC GEOMATICS LTD., PROJECT NO. 161614849-111. 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 6, 2024. REPORT NO PG7042-1. GEOTECHNICAL INFORMATION PRESENTED ON THESE DRAWINGS MAY BE INTERPOLATED FROM THE ORIGINAL REPORT. REFER TO 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 ARCHAEOLOGICAL 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 TO 0.30m 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 MUNICIPAL RIGHT OF WAY 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). IT IS RECOMMENDED TO MILL A 300mm WIDE AND 40mm DEEP SECTION OF THE EXISTING ASPHALT AT THE PAVEMENT CUT EDGE.
24. CONCRETE SIDEWALKS SHALL BE CONSTRUCTED AS PER CITY STANDARDS SC3 AND SC1.4.
25. PAVEMENT CONSTRUCTION
 - PAVEMENT STRUCTURE - CAR PARKING ONLY
 - 75mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
 - 150mm OPS3 GRANULAR 'A' BASE
 - 300mm OPS3 GRANULAR 'B' TYPE I SUB BASE
 - PAVEMENT STRUCTURE - ACCESS LANES AND HEAVY TRUCKS
 - 50mm HL-3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
 - 50mm HL-4 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE
 - 150mm OPS3 GRANULAR 'A' BASE
 - 450mm OPS3 GRANULAR 'B' TYPE I SUB BASE
26. WHERE PROPOSED ASPHALT SURFACE RECOMMENDED ABOVE MEETS THE EXISTING ASPHALT SURFACE, THE FOLLOWING JOINT TRANSITION DETAILS 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.

WATER SERVICES ARE TO BE TYPE K SOFT COPPER AS PER CITY OF OTTAWA STANDARD W26 (UNLESS OTHERWISE NOTED). WATER SERVICE TO EXTEND 1.0M BEYOND PROPERTY LINE. STAND POST TO BE INSTALLED AT PROPERTY LINE.

FIRE HYDRANTS TO BE INSTALLED AS PER CITY OF OTTAWA STANDARDS W18 AND W19.

WATER VALVES TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD W24.

WATERMAIN TRENCH SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. W17 UNLESS OTHERWISE SPECIFIED. BEDDING AND COVER MATERIAL AS PER SECTION 6.4 OF THE GEOTECH REPORT.

SERVICE CONNECTIONS SHALL BE INSTALLED A MINIMUM OF 2400mm FROM ANY CATCHBASIN, MANHOLE, OR OBJECT THAT MAY CONTRIBUTE TO FREEZING. THERMAL INSULATION SHALL BE INSTALLED ON ALL PROPOSED C/S ON THE W/M STREET SIDE WHERE 2400mm SEPARATION CANNOT BE ACHIEVED.(AS PER CITY OF OTTAWA W22 & W23)

THRUST BLOCKS TO BE INSTALLED AS PER CITY OF OTTAWA STANDARDS W25.3 AND W25.4.

WATERMAIN TO HAVE MIN. 2.4m COVER. WHERE WATERMAIN COVER IS LESS THAN 2.4m, INSULATION TO BE SUPPLIED IN ACCORDANCE WITH CITY STANDARD W2.2.

WATERMAIN CROSSINGS ABOVE AND BELOW SEWERS TO BE INSTALLED AS PER CITY OF OTTAWA STANDARD W25 AND W25.2.

PRESSURE REDUCING VALVES (PRVs) IF REQUIRED, TO BE INSTALLED AS PER ONTARIO PLUMBING CODE.

40. SANITARY SEWERS 375mm DIA. OR SMALLER SHALL BE PVC DR35. SANITARY SEWERS LARGER THAN 375mm SHALL BE CONCRETE CSA A 257.2 CLASS 1000 AS PER OPSD 807.010.
41. STORM SEWERS 375mm DIA. OR SMALLER SHALL BE PVC DR35. STORM SEWERS LARGER THAN 375mm DIA. SHALL BE CONCRETE CSA A 257.2 CLASS 1000 AS PER OPSD 807.010
42. ALL STORM AND SANITARY SEWER BEDDING SHALL BE INSTALLED AS PER SECTION 6.4 OF THE GEOTECH REPORT.
43. STORM AND SANITARY MANHOLES SHALL BE 1200mm DIAMETER IN ACCORDANCE WITH OPSD-701.01 (UNLESS OTHERWISE NOTED) c/w FRAME AND COVER AS PER CITY OF OTTAWA S24, S24.1, AND S25 WHERE APPLICABLE, CATCH BASIN MANHOLE FRAME AND COVERS PER S25 AND S28.1. ALL STORM MANHOLES WITH SEWERS 900mm DIA SEWERS AND OVER IN SIZE SHALL BE BENCHED. ALL OTHER STORM MANHOLES SHALL BE COMPLETED WITH 300mm SUMPS AS PER CITY STANDARDS. SANITARY MANHOLES SHALL NOT HAVE SUMPS.
44. ALL SEWERS CONSTRUCTED WITH GRADES 0.50% OR LESS, TO BE INSTALLED WITH LASER AND CHECKED WITH LEVEL INSTRUMENT PRIOR TO BACKFILLING.
45. FOR STORM SEWER INSTALLATION (EXCLUDING CB LEADS) THE MINIMUM DEPTH OF COVER OVER THE CROWN OF THE SEWER IS 2.0m. FOR SANITARY SEWERS THE MINIMUM DEPTH OF COVER IS 2.5m OVER PIPE OBVERT.
46. ALL STORM AND SANITARY SERVICES TO BE EQUIPPED WITH APPROVED BACKWATER VALVES.
47. STORM AND SANITARY SERVICE LATERALS TO BE SDR 28 INSTALLED AT MIN. 1.0% SLOPE.
48. CATCH BASINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY

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17. SUB-EXCAVATE SOFT AREAS & FILL WITH GRANULAR "B" COMPACTED TO 0.30m 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 SIDE OF WAY 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 OPSF 310.
23. CONCRETE CURBS SHALL BE CONSTRUCTED AS PER CITY STANDARD R1 AND SC1.1.3 (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

VIDEO AND INSPECTION REPORT SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW.

ANY SEWER ABANDONMENT TO BE CONDUCTED ACCORDING TO CITY OF OTTAWA STANDARD S11.4

STORM SEWERS WITH LESS THAN 2.0m COVER AND SANITARY SEWERS WITH LESS THAN 2.5m COVER TO BE INSULATED IN ACCORDANCE WITH CITY STANDARD S35.

ADDING

ALL GRANULAR BASE & SUB BASE COURSE MATERIALS SHALL BE COMPACTED TO 98% STANDARD PROCTOR MAX. DRY DENSITY.

SUB-EXCAVATE SOFT AREAS & FILL WITH GRANULAR "B" COMPACTED IN 0.15m LAYERS.

ALL DISTURBED GRADED AREAS SHALL BE RESTORED TO ORIGINAL

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.

29. WATERMAIN PIPE MATERIAL SHALL BE PVC CL.150 DR18. DEFLECTION OF WATERMAIN PIPE IS NOT TO EXCEED 1/2 OF THAT SPECIFIED BY THE MANUFACTURER. PVC WATERMAINS TO BE INSTALLED WITH

100 YEAR PONDING DEPTH TO BE 0.30m (MAXIMUM).

EMBANKMENTS TO BE SLOPED AT MAX 3:1, UNLESS OTHERWISE SPECIFIED.

ALL SWALES TO BE MIN. 0.15m DEEP WITH MIN. 3:1 SIDE SLOPES UNLESS OTHERWISE NOTED. THE MINIMUM LONGITUDINAL SLOPE TO BE 1.5% OR 1.0% WHEN PERFORATED SUBDRAIN IS INSTALLED.

ALL ROADS DOWNHILLSIDE TO DISCHARGE TO THE GROUND SURFACE

TOP OF GRADE (T/G) ELEVATIONS FOR ALL STREET CATCHBASINS SHOWN ON PLANS. REFER TO THE ELEVATION AT EDGE OF PAVEMENT OR GUTTERLINE WHERE APPLICABLE.

ALL RETAINING WALLS GREATER THAN 1.0m IN HEIGHT ARE TO BE DESIGNED, APPROVED, AND STAMPED BY STRUCTURAL ENGINEER.

FENCES OR RAILINGS ARE REQUIRED FOR RETAINING WALLS GREATER THAN 0.60m IN HEIGHT.

EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE.

ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH CONTRACT ADMINISTRATOR AND THE CITY OF OTTAWA PRIOR TO TREE CUTTING.

REFER TO DRAWING EC DS-1 FOR EROSION AND SEDIMENT CONTROL DETAILS.

1. LIMIT THE EXTENT OF EXPOSED SOILS AT ANY GIVEN TIME.
2. REVEGETATE EXPOSED AREAS AND SLOPES AS SOON AS POSSIBLE.
3. MINIMIZE AREA TO BE CLEARED AND GRUBBED.
4. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
5. INSTALL FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND ON ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUN-OFF FROM THE SITE.
6. A SILT FENCE SHALL BE INSTALLED ALONG THE PERIMETER OF ALL AND ANY STOCKPILES OF MATERIAL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE DETERMINED).

8. SEDIMENT CONTROL BARRIERS MAY ONLY BE REMOVED TEMPORARILY WITH APPROVAL OF CONTRACT ADMINISTRATOR TO ACCOMMODATE CONSTRUCTION OPERATIONS. ALL AFFECTED BARRIERS MUST BE REINSTATED AT NIGHT WHEN THERE IS NO RAINFALL OR CONSTRUCTION OPERATIONS ARE NOT BEING CONDUCTED. SIGNIFICANT RAINFALL EVENT ANTICIPATED ≥ 10 MINUTES (UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT THE EXISTING STORM AND SANITARY SEWER SYSTEM).
9. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAY.
10. SEDIMENT CONTROL MEASURES SHALL BE REMOVED WHEN, IN THE OPINION OF CONTRACT ADMINISTRATOR, THE MEASURES IS NO LONGER REQUIRED. NO CONTROL MEASURES SHALL BE PERMANENTLY REMOVED WITHOUT PRIOR WRITTEN APPROVAL FROM THE CONTRACT ADMINISTRATOR.
11. THE CONTRACTOR SHALL PERIODICALLY, OR WHEN REQUESTED BY THE CONTRACT ADMINISTRATOR, CLEAN OUT ACCUMULATED SEDIMENTS AS REQUIRED.
12. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE ENGINEER ANY ACCIDENTAL DISCHARGES OF SEDIMENT MATERIAL INTO THE WATERCOURSE. APPROPRIATE RESPONSE SHALL BE IMMEDIATELY INITIATED TO PREVENT FURTHER CONTROL MEASURES OR THE IMPLEMENTATION OF ADDITIONAL CONTROL MEASURES SHALL BE CARRIED OUT BY THE CONTRACTOR WITHOUT DELAY.

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, MAN-HOLES AND PIPE ENDS FROM SEDIMENT INFILTRATION 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.

12. CONSTRUCT TEMPORARY MEASURES TO CONTROL SILT ENTERING THE STORM SEWER SYSTEM TO THE OPERATIONS OUTFALLS 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 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 ARE 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 ENHANCE 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.

ANY FAILURE OF THE PROPOSED TEMPORARY EROSION & SEDIMENT CONTROL MEASURES SHALL BE REPORTED TO THE CITY OF OTTAWA AS SOON AS POSSIBLE. UNDER THE SUPERVISION OF THE CITY OF OTTAWA AND THE CONTRACT ADMINISTRATOR, THE CONTRACTOR WILL BE DIRECTED TO REMOVE ANY SEDIMENT THAT HAS ENCROACHED BEYOND THE CONSTRUCTION LIMITS.

- ENSURE THAT ALL EROSION & SEDIMENT CONTROL MEASURES ARE SECURE AND THAT THERE IS NO EXPOSED SOIL THAT COULD ERODE AND BE DEPOSITED IN THE PINCOMBE DRAIN.
- MONITOR ALL MEASURES DURING THE FLOOD EVENT, AND WHERE A POTENTIAL FOR FAILURE IS IDENTIFIED, TAKE CORRECTIVE MEASURES.

	EXISTING GROUND ELEVATIONS
	EXISTING WATERMAIN
	EXISTING VALVE AND VALVE BOX
	EXISTING VALVE CHAMBER
	EXISTING REDUCER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY MH AND SEWER
	EXISTING STORM MH AND SEWER
	EXISTING CATCHBASIN MANHOLE
	EXISTING CATCHBASIN
	REMOVAL ITEMS
	LINE PAINT REMOVAL
	EXISTING GASMAIN
	EXISTING BELL LINE
	EXISTING ROGERS
	EXISTING OVERHEAD WIRES
	EXISTING UNDERGROUND HYDRO

	PROPOSED WATERMAIN
	PROPOSED VALVE AND VALVE BOX
	PROPOSED VALVE CHAMBER
	PROPOSED W3 CHAMBER
	PROPOSED REDUCER
	PROPOSED FIRE HYDRANT
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
	PROPOSED CATCHBASIN MANHOLE
	PROPOSED CATCHBASIN
	PROPOSED CB T AND SUBDRAIN
	EXISTING WATERMAIN
	EXISTING VALVE AND VALVE BOX
	EXISTING VALVE CHAMBER
	EXISTING REDUCER
	EXISTING FIRE HYDRANT
	EXISTING COMBINED SEWER
	EXISTING STORM SEWER
	EXISTING CATCHBASIN MANHOLE
	EXISTING CATCHBASIN
	PROPOSED DEPRESSED CURB LOCATIONS
	PROPOSED BARRIER CURB
	THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AND ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5m AS PER SSS. WATER METER
	REMOTE WATER METER
	100mm RIGID INSULATION UNDERSIDE OF SIDE

L101A

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY

EXT-1

- EXISTING AREA ID
- EXISTING RUNOFF COEFFICIENT
- EXISTING STORM DRAINAGE AREA ha.
- EXTERNAL STORM DRAINAGE BOUNDARY
- DIRECTION OF EMERGENCY OVERLAND FLOW
- PROPOSED STORM MH AND SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CB T AND SUBDRAIN
- EXISTING STORM MH AND SEWER
- EXISTING CATCHBASIN
- EXISTING STORM MH AND SEWER
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AS PER S35.
- MAXIMUM STATIC PONDING LIMITS

C1A
0.31 50

SANITARY DRAINAGE AREA ID#

COMMERCIAL FLOWS

SANITARY DRAINAGE AREA ho.

G1A
0.11 INFL

SANITARY DRAINAGE AREA ID#

INFILTRATION RATE OF 0.33 L/s/Ho APPLIED

SANITARY DRAINAGE AREA ho.

EX. SANITARY DRAINAGE AREA ID#

EX. COMMERCIAL FLOWS

EX. SANITARY DRAINAGE AREA ho.

G1A
0.11 INFL

EX. SANITARY DRAINAGE AREA ID#

EX. INFILTRATION RATE OF 0.33 L/s/Ho APPLIED

EX. SANITARY DRAINAGE AREA ho.

SANITARY DRAINAGE AREA

EX. SANITARY DRAINAGE AREA

PROPOSED SANITARY MH AND SEWER

EXISTING SANITARY MH AND SEWER

THERMAL INSULATION ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5m AS PER S35

	PROPOSED SILT FENCE BOUNDARY AS PER OPS
	PROPOSED CATCH BASIN PROTECTION AS PER TERRAFIX SLITSACK 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 WATERMAIN

 EXISTING FIRE VALVE

 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)

 GAS METER LOCATION

 GAS METER LOCATION

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4	REVISED PER NEW SITE PLAN	MJS	KS	25.09.11
3	REVISED PER CITY COMMENTS	MJS	KS	25.08.11
2	REVISED PER CITY COMMENTS	MJS	KS	25.07.22
1	ISSUED FOR TENDER	MJS	GR	25.06.24
0	ISSUED FOR SPA	MJS	KS	25.04.17
		By	Appd.	YY.MM.D
Revision		MJS	DT	25.03.31
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				YY.MM.D

Client/Project

SmartREIT (Orleans II) Inc. &
Mer Bleue Shopping Centres Limited
3200 HIGHWAY 7, VAUGHAN, ON, L4K 5Z5
Orleans II Frontage Phase 3
2025 MER BLEUE ROAD
OTTAWA, ON, CANADA

NOTES AND LEGENDS PLAN

Project No. 160402122	Scale 1:500	0 5 15 25m
Drawing No.	Sheet	Revision