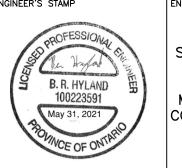


7									
stdell	AS CONSTRUCTED SERVICES	COMPLETION			No.	REVISIONS	D/M/Y	BY	CONSULT
Wes			DESIGN	CJ	1	FOR REVIEW/APPROVAL	18/05/21	CJ	1
211			DRAWN	CJ	2	ISSUED FOR SPA	28/05/21	CJ	
1-1			CHECKED	LS/BH					
1-2			APPROVED) BH				<u> </u>	
\SBI			DATE	26/05/2021				<u> </u>	1
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SEALED FOR GENERAL	
CONFORMANCE WITH	
THE OBC AND	ĺ
MUNICIPAL SITE PLAN	
CONTROLS AND ZONING	
BY-LAWS	

TRI	BA	TE	AS	SET
M	4NA	4GE	MEN	1T
782	RICH	HON	ID STF	REET
LONE	ON,	ON	N6A	3H5

P: 519.850.0000

E: INFO@WESTDELLCORP.COM

LE	DETAILS	SBM-21-121				
N/A	COMMERCIAL DEVELOPMENT 1025 ELGIN STREET WEST	SP2				
	COBOURG, ON.	PLAN FILE No.				

GENERAL NOTES:

- THE OWNER'S PROFESSIONAL ENGINEER IS REQUIRED TO FIELD REVIEW THE INSTALLATION OF SERVICES INCLUDED IN THIS PROJECT IN ACCORDANCE WITH THE GENERAL 1. ALL STORM AND/OR SANITARY SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH THE CURRENT TOWN OF COBOURG'S STANDARDS AND SPECIFICATIONS, THE REVIEW COMMITMENT CERTIFICATION PROCESS. THE OWNER'S CONTRACTOR IS TO PROVIDE AT LEAST 48 HOURS NOTICE PRIOR TO COMMENCING CONSTRUCTION OF THE
- THE OWNER/OWNER'S CONTRACTOR SHALL HAVE ITS PROFESSIONAL ENGINEER PROVIDE FULL—TIME ONSITE REVIEW DURING CONSTRUCTION ON AN EXISTING MUNICIPAL STREET OR EASEMENT AND PROVIDE A CERTIFICATE OF COMPLETION OF WORKS UPON COMPLETION OF ALL WORKS TO BE CONSTRUCTED.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE CURRENT ONTARIO BUILDING CODE (OBC) AND ANY APPLICABLE STATUTES, REGULATIONS, CODES AND BY-LAWS.
- 4. STRIK, BALDINELLI, MONIZ LTD. (SBM) IS NOT RESPONSIBLE FOR THE INFORMATION (EXISTING TOPOGRAPHY, BENCHMARKS, PROPERTY BOUNDARY, ETC.) PROVIDED BY

CONSTRUCTION NOTES:

- REFER TO THE SITE PLAN FOR LAYOUT DIMENSIONING AND SIGN/POST DETAILS.
- THE OWNER'S CONTRACTOR IS TO CONTACT THE CONSULTING ENGINEER (SBM) FOR FINAL ONSITE REVIEW. THE CONTRACTOR IS TO PROVIDE AT LEAST 48 HOURS NOTICE
- THE OWNER'S CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES UNDER THE OCCUPATIONAL HEALTH AND SAFETY ACT AS REQUIRED BY THE MINISTRY OF LABOUR TO EXECUTE THE WORK.
- 4. THE OWNER'S CONTRACTOR IS TO REVIEW AND CONFIRM ALL EXISTING CONDITION INFORMATION & INFORM SBM OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. SBM
- CONTRACTOR AND VERIFIED AND ANY DISCREPANCIES REPORTED TO THE ENGINEERS.
- STRIP FULL DEPTH OF TOPSOIL IN AREAS TO BE DISTURBED AND STOCK PILE FOR RE-USE IN GRASSED/LANDSCAPED AREAS.
- PROJECT AND OWNER'S CONTRACTOR TO PROVIDE A COPY OF THE AS-BUILT DRAWING SHOWING ALL CHANGES CLEARLY MARKED IN RED.
- 9. THE OWNER'S CONTRACTOR SHALL 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 13. BUILDING FOOTINGS ARE TO BE STEPPED DOWN (SEE STRUCTURAL DRAWINGS BY OTHERS) TO ALLOW SERVICES TO PASS THROUGH THE FOUNDATION WALL NOT UNDER
- 10. THE CONTRACTOR SHALL INFORM THE COBOURG TRANSIT AT LEAST ONE WEEK PRIOR TO COMMENCING CONSTRUCTION ON ANY STREET THAT IS A BUS ROUTE THAT WILL BE AFFECTED BY CONSTRUCTION.
- 11.1. CONNECTING ANY EXISTING SEWER OR DRAIN ENCOUNTERED DURING CONSTRUCTION TO A NEW SEWER OF SIMILAR TYPE, SIZE AND MATERIAL OR INTO ANOTHER
- 12. NO FOUNDATION DRAIN CONNECTIONS WILL BE PERMITTED INTO THE SANITARY SEWERS AND NO DIRECT GRAVITY CONNECTIONS FROM THE FOUNDATION DRAINS WILL BE PERMITTED TO THE STORM SYSTEM UNLESS THE STORM SYSTEM HAS THE CAPACITY TO PROVIDE FOR SUCH CONNECTIONS TO THE SATISFACTION OF THE MUNICIPAL
- 13. WORK ON OR ADJACENT TO THE MUNICIPAL TOWN RIGHT OF WAY (R.O.W.) SHALL BE COMPLETED IN ACCORDANCE WITH THE ONTARIO TRAFFIC MANUAL BOOK 7 CURRENT EDITION AND THE ONTARIO TRAFFIC MANUAL BOOK 18 CURRENT EDITION.

- 1. ALL WORK IN THE TOWN ROAD ALLOWANCE SHALL MEET THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE TOWN OF COBOURG ENGINEERING AND ENVIRONMENTAL SERVICES DEPARTMENT. ARE TO BE APPLIED TO WORKS WITHIN THE TOWN ROAD ALLOWANCE UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER. THE CONTRACTOR IS REQUIRED TO OBTAIN & PAY FOR PERMIT TO WORK IN TOWN R.O.W.
- 2. ALL SURFACES WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO A CONDITION AT LEAST AS GOOD AS ORIGINAL, OR AS PER BELOW (WHICHEVER

- 2.4.1. PROOF ROLL SUBGRADE (TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER) PRIOR TO PLACEMENT OF GRANULARS (98% STANDARD PROCTOR
- 2.4.2. MILL ADJACENT ASPHALT TO BE TIED INTO 50mm DEEP x 500mm WIDE PRIOR TO RESTORATION SEE DETAIL ON SHEET C5.
- 40mm HL3 SURFACE ASPHALT COMPACTED TO 97% MARSHALL MIX DESIGN BULK DENSITY (TACK COAT REQUIRED PER OPSS.PROV 308 IF
- 50mm HL8 BINDER ASPHALT COMPACTED TO 97% MARSHALL MIX DESIGN BULK DENSITY
 - ASPHALT TO BE SUPPLIED AND PLACED IN ACCORDANCE WITH OPSS 310 & 1150
- 2.4.4. MIN. RECOMMENDED ON-SITE HEAVY-DUTY PAVEMENT STRUCTURE (TO BE REVIEWED & APPROVED BY THE GEOTECHNICAL ENGINEER)
 - INSTALLED MORE THAN 2 WEEKS AFTER BINDER ASPHALT)
 - ASPHALT TO BE SUPPLIED AND PLACED IN ACCORDANCE WITH OPSS 310 & 1150
- 'CONSTRUCTION SPECIFICATION FOR PAVEMENT MARKING'.
- 3. ALL AREAS OUTSIDE THE CONSTRUCTION LIMITS SHALL NOT BE DISTURBED. ANY DAMAGED TO THOSE AREAS ARE TO BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

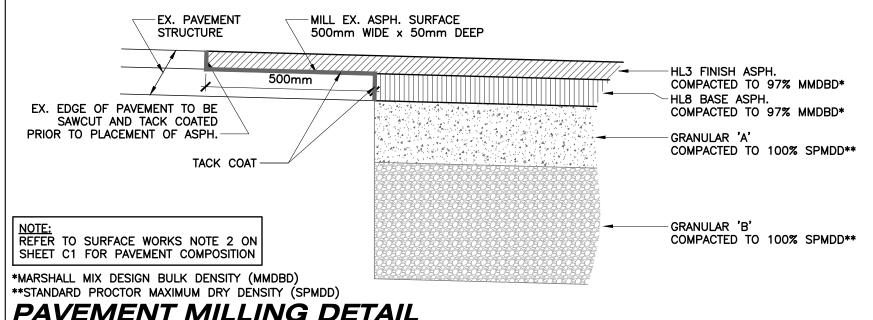
UTILITIES NOTES:

AS CONSTRUCTED SERVICES COMPLETION

- INFORMATION SHOWN IS FOR REFERENCE/COORDINATION PURPOSES ONLY AND MAY NOT BE ACCURATE.
- UTILITY PROVIDERS MUST BE INFORMED AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION ON ANY EXISTING CITY ROAD ALLOWANCE. ALL EXISTING UNDERGROUND SERVICE OR UTILITIES WITHIN THE LIMITS OF THE CONSTRUCTION SITE SHALL BE LOCATED AND MARKED. ANY UTILITIES, DAMAGED OR DISTURBED DURING CONSTRUCTION, SHALL
- ALL EXISTING UNDERGROUND UTILITY (TELEPHONE, HYDRO, GAS, CABLE, SEWER, WATERMAINS, ETC.) THAT WILL BE CROSSED UNDER DURING THE INSTALLATION OF SERVICES FOR THIS DEVELOPMENT SHALL BE SUPPORTED, AS MAY BE REQUIRED BY THE OWNERS OF THE UTILITY BEING CROSSED UNDER.
- OWNER'S CONTRACTOR TO COORDINATE WITH UTILITIES PROVIDER FOR BRACING, DECOMMISSIONING AND/OR RELOCATION OF EXISTING GAS, HYDRO, TELEPHONE, CABLE,

REFERENCE DOCUMENTS:

- TOPOGRAPHICAL SURVEY PREPARED BY SBMG. FILE. NO SBMG-21-0065. DATED
- RECEIVED MARCH 18, 2021.
- DESIGN BRIEF PREPARED BY STRIK, BALDINELLI, MONIZ (SBM), PROJECT NUMBER SBM-21-1211, DATED MAY 2021.



PAVEMENT MILLING DETAIL N.T.S.

FOR REVIEW/APPROVAL

ISSUED FOR SPA

STRIK BALDINELLI 1599 Adelaide St. N, Unit 301, London, Ontario, N5X 4E8 Tel: (519) 471-6667 Fax: (519) 471-0034 Email: sbm@sbmltd.ca

SERVICING NOTES:

ACCORDANCE WITH THE TOWN OF COBOURG.

ALL SITE SERVICES SHALL BE INSTALLED TO 1.0m OUTSIDE FOUNDATION WALL.

COMPACTED TO 95% STANDARD MAXIMUM DRY DENSITY (MINIMUM) (100% FOR PAVED AREAS).

10. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ALL PRECAST CONCRETE STRUCTURES.

CURRENT EDITION OF THE ONTARIO BUILDING CODE, WHERE REQUIRED.

26. ALL SUBSTITUTIONS MUST BE APPROVED BY THE CITY ENGINEER.

EXISTING SPOT ELEVATION

EXISTING SPOT ELEVATION

PROPOSED SPOT ELEVATION

PROPOSED SWALE ELEVATION

EXISTING CATCH BASIN

EXISTING CLEANOUT

PROPOSED CLEANOUT

MAINTENANCE HOLE

PROPOSED SWALE

PROPOSED SLOPE

PROPOSED CATCH BASIN

EXISTING MAINTENANCE HOLE

PROPOSED MAINTENANCE HOLE

PROPOSED DRAINAGE DIRECTION

EXISTING OVERLAND FLOW ROUTE

PROPOSED SIGN, TYPE OF SIGN

PROPOSED OVERLAND FLOW ROUTE

SEE SURFACE WORKS

NOTE 2 ON SHEET C1

FOR PAVEMENT

COMPOSITION

COMMON TRENCH DETAIL

PROPOSED CATCH BASIN

LICENSED IN THE PROVINCE OF ONTARIO FOR REVIEW

(TO REMAIN)

REQUIRED) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

GUIDELINES FOR SEWAGE WORKS.

THE FOOTING.

SPECIFICATIONS.

LEGEND:

×271.00

2.0%

OFR

REFERENCE:

2012 OBC 7.3.5.7.(2)(B) AND

7.3.5.7.(2)(C) FOR ALTERNATE

AS THE BUILDING DRAIN OR

BUILDING SEWER, OR WHERE

2440mm SPATIAL SEPARATION

SEWER CANNOT BE ACHIEVED

CONDITIONS WHERE THE WATER

SERVICE IS IN THE SAME TRENCH

BETWEEN THE WATER SERVICE AND

THE BUILDING DRAIN OR BUILDING

CURRENT EDITION OF THE ONTARIO BUILDING CODE, AND THE CURRENT EDITION OF THE MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS (M.E.C.P.) DESIGN

ALL ORGANIC. UNSTABLE OR UNSUITABLE MATERIALS BENEATH THE ROAD ALLOWANCE, SERVICES, UTILITIES, OR FOUNDATIONS MUST BE REMOVED AND THESE AREAS

BACKFILLED WITH AN APPROVED FILL MATERIAL, ALL TO THE SATISFACTION OF A GEOTECHNICAL ENGINEER AND SHOULD BE PLACED IN LIFTS NOT EXCEEDING 300mm

(LOOSE) THAT ARE COMPACTED TO 95% SPMDD (100% FOR PAVED SURFACES). THE FILL MATERIAL SHOULD COMPRISE OF CLEAN, COMPACTIBLE FILL WITHIN 3% OF THE

REMOVE ALL TRENCH WATER WHEN PIPE LAYING IS IN PROGRESS. ALL REQUIREMENTS FOR DEWATERING PERMITS (INCLUDING THE M.E.C.P.'S PERMIT TO TAKE WATER, IF

CONNECTIONS FROM FOUNDATIONS, WEEPING TILE, SUMP PUMP, AND ROOF DRAINS ARE NOT PERMITTED TO ENTER THE SANITARY SEWER SYSTEM AND SHALL BE IN

ALL PROPOSED STORM SEWER PIPE SHALL BE: PVC SMOOTH WALL (CSA B182.2) (1000 TO 6000) OR RIBBED (CSA B182.4) (2000 TO 6000) OR HDPE (CSA B182.6,

320 kPA ON-SITE PER OBC AND CSA B182.8 IN R.O.W.) (2000 TO 6000) OR NON-REINFORCED CONCRETE (CAN/CSA 257.1) (1000 TO 6000) OR REINFORCED

CONCRETE (CAN/CSA 257.2) AND SANITARY SEWER PIPE TO BE PVC SMOOTH WALL (CSA B182.2) (1000 TO 6000) OR RIBBED (CSA B182.4) (2000 TO 6000) OR

NON-REINFORCED CONCRETE (CAN/CSA 257.1) (100¢ TO 600¢) OR REINFORCED CONCRETE (CAN/CSA 257.2). PVC PIPE SHALL BE LAID WITH TYPE I BEDDING UNDER

4.5m OF COVER AND TYPE II BEDDING OVER 4.5m OF COVER. CONCRETE PIPE SHALL BE LAID WITH CLASS B (B1 OR B2) BEDDING, ALL SEWER BACKFILL MUST BE

THE MINIMUM DEPTH OF A STORM SEWER SHALL BE 1.22m FROM THE FINISHED GROUND ELEVATION TO THE CROWN OF THE PIPE AS PER OPSD 3090.101

'FOUNDATION, FROST PROTECTION DEPTHS FOR SOUTHERN ONTARIO' OR GEOTECHNICAL REPORT, WHERE MINIMUM DEPTHS CANNOT BE ACHIEVED AND THEREFORE FROST

PROTECTION IS WARRANTED, INSULATION IS REQUIRED AS PER THE AS PER OPSD 1109.030 INSULATION FOR SEWER AND WATERMAINS IN SHALLOW TRENCHES.

11. ALL CATCHBASINS TO HAVE 0.6m SUMP AS PER OPSD 705.010 AND CATCHBASIN MAINTENANCE HOLES 12000 & LARGER TO HAVE 0.3m SUMP AS PER OPSD 701.010.

12. 3.0m LENGTHS OF 150mm DIAMETER PERFORATED FILTER WRAPPED PVC PIPE ARE TO BE INSTALLED AS SUBDRAINS CONNECTED TO TWO SIDES OF EACH CATCHBASIN

14. MAINTENANCE HOLES TO BE CONSTRUCTED OF PRE-CAST CONCRETE, ALL MAINTENANCE HOLES TO BE INSTALLED IN ACCORDANCE WITH THE ONTARIO PROVINCIAL

STANDARDS (OPSD) DIVISION 700 DETAILS AND REQUIREMENTS, SEE LIST OF COMMON DETAILS. ALL STRUCTURES TO BE DESIGNED TO RESIST BUOYANCY IF REQUIRED.

18. WHERE ANY WATER SERVICE CONNECTION IS REQUIRED TO BE MADE FOLLOWING THE CONSTRUCTION OF CURB, GUTTER, CONCRETE SIDEWALKS, AND/OR WEARING

20. ALL FIRE HYDRANTS SHALL BE 3-WAY HYDRANTS c/w STORZ CONNECTION OPENING CLOCKWISE AS PER THE TOWN OF COBOURG'S STANDARDS AND SPECIFICATIONS.

22. INSTALLATION. HYDROSTATIC TESTING. SWABBING. FLUSHING AND DISINFECTION SHALL BE DONE IN ACCORDANCE WITH THE TOWN OF COBOURG'S STANDARDS AND

23. SEPARATION BETWEEN BURIED WSC & PDC AS OUTLINED IN THE CURRENT EDITION OF THE M.E.C.P. "DESIGN GUIDELINES FOR DRINKING-WATER SYSTEMS" SECTION

24. WATER SERVICE TO BE PEX AND ALL WATER PIPE TO HAVE 12AWG TRACER WIRE INSTALLED ON ALL PVC WATERMAINS, VALVES, AND FIRE HYDRANTS. APPROVED TRACER

25. WATERMAINS/SERVICES SHALL CROSS ABOVE SEWERS WITH SUFFICIENT VERTICAL SEPARATION TO ALLOW FOR PROPER BEDDING AND STRUCTURAL SUPPORT OF THE

27. THE ELEVATION OF THE GROUND WATER TABLE IS UNKNOWN. CONTRACTOR TO ADVISE SBM IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION OPERATIONS:

20.0-300 ST @ 1.0% EXISTING STORM SEWER

20.0-3006 ST 0 1.0% PROPOSED STORM SEWER

20.0-150 SA @ 1.0% EXISTING SANITARY SEWER

150 PVC WSC PROPOSED WATERMAIN

EXISTING FIRE HYDRANT

PROPOSED FIRE HYDRAN

PROPOSED WATER VALVE

EXISTING WATER METER

PROPOSED WATER METER

PROPOSED SUMP PUMP (SEE

ARCHITECTURAL DRAWINGS)

PRINCIPAL FIRE FIGHTER'S

PROPOSED CURB STOP

PROPOSED RAMP

RESTORATION OF GRASSED AREAS

TO BE AS PER SURFACE WORKS

NOTE 2 ON SHEET C1

PROP. WSC (SEE

PLANS FOR SIZE)

PROVIDE 'SHELF' WITHIN

COMMON TRENCH FOR

WATER SERVICE (OBC

7.3.5.7.(2)(a)

PLANS FOR SIZE

EXISTING WATER VALVE

150 PVC WSC EXISTING WATERMAIN

PFFE*

20.0-150€ SA ● 1.0% PROPOSED SANITARY SEWER

FURTHER REVIEW/INVESTIGATION BY A GEOTECHNICAL ENGINEER MAY BE REQUIRED. IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION OPERATIONS, CIVIL

STRUCTURES ARE TO BE DESIGNED FOR HYDROSTATIC PRESSURE AND UPLIFT/BUOYANCY FORCES. PROVIDE SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER

F-6-1 "PROCEDURES TO GOVERN SEPARATION OF SEWERS AND WATERMAINS" AND INSULATE WATER SERVICE AS PER CLAUSE 7.3.5.4. 'PROTECTION FROM FROST' OF

WIRE FOR OPEN CUT INSTALLATION: "COPPERHEAD 1230-HS". WATERMAIN TO BE INSTALLED WITH 1.7m-1.9m COVER. PEX WATER SERVICE REQUIRES BRASS FITTINGS

WATERMAIN/SERVICE AND SEWER MAINS AS OUTLINED IN THE CURRENT EDITION OF THE M.E.C.P. "DESIGN GUIDELINES FOR DRINKING-WATER SYSTEMS" SECTION F-6-1

"PROCEDURES TO GOVERN SEPARATION OF SEWERS AND WATERMAINS" AND INSULATE WATER SERVICE AS PER CLAUSE 7.3.5.4. 'PROTECTION FROM FROST' OF THE

SURFACE COAT OF ASPHALT ON ANY STREET IN A NEW SUBDIVISION, SUCH WATER SERVICE CONNECTION SHALL NOT BE MADE USING 'OPEN CUT' METHODS BUT SHALL

BE MADE USING TRENCHLESS TECHNOLOGIES AND IN SUCH A MANNER AS TO ELIMINATE THE POSSIBILITY OF SETTLEMENT OF SUCH CURB, GUTTER, CONCRETE

SIDEWALKS AND/OR WEARING SURFACE COAT OF ASPHALT: IT BEING UNDERSTOOD THAT THIS POLICY SHALL APPLY, EXCEPT WHERE IN THE OPINION OF THE CITY

9. ALL STORM AND SANITARY SEWERS/SERVICES AND CATCHBASIN LEADS SHALL HAVE APPROVED RUBBER GASKET JOINTS + BE INSTALLED USING A LASER LEVEL.

CLASS B1 BEDDING (CRUSHED STONE) TO EXTEND FROM THE INLET AND OUTLET PIPES OF ANY MAINTENANCE HOLE FOR A DISTANCE OF 5.0m.

AND CATCHBASIN MAINTENANCE HOLE WITHIN PAVED AREAS. THE SUBDRAINS ARE TO BE LOCATED JUST BELOW SUBGRADE ELEVATION.

16. RUNG SPACING IN MAINTENANCE HOLES TO BE 300mm MIN. AND A MAX. OF 600mm DISTANCE BETWEEN THE LID AND THE FIRST RUNG.

ENGINEER, GROUND CONDITIONS ARE SUCH THAT THE USE OF DRILLING OR BORING METHODS BECOME UNREASONABLE OR UNECONOMICAL.

21. ALL WATERMAIN VALVES SHALL BE GATE VALVES MANUFACTURED TO AWWA C500 AND EPOXY COATED TO AWWA C550 AND ARE TO OPEN CLOCKWISE

THE CURRENT EDITION OF THE ONTARIO BUILDING CODE, WHERE REQUIRED. ALL SUBSTITUTIONS MUST BE APPROVED BY THE TOWN ENGINEER.

19. ALL WATERMAIN MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CURRENT TOWN OF COBOURG'S STANDARDS AND SPECIFICATIONS.

AS PER THE TOWN'S STANDARD CONTRACT DOCUMENTS. PROVIDE PIPE RESTRAINTS AS REQUIRED BY THE PIPE MANUFACTURER.

15. ENSURE MINIMUM OF 1 ADJUSTMENT UNIT FOR ALL STRUCTURES. MAXIMUM TOTAL ADJUSTMENT UNITS HEIGHT: 300mm

17. WATERMAINS 250mm AND ABOVE MUST BE RESTRAINED FOR 30.0m IN EITHER DIRECTION OF DEAD END/VALVE.



782 RICHMOND STREET LONDON, ON N6A 3H5

TOP OF CURB

HIGH POINT

TOP OF LID

BOTTOM OF CURB

OF RETAINING WALL

BUILDING ENTRANCE

PROPOSED CONCRETE

PROPOSED SILT SACK

DETÁIL ON THIS PAGE

PROPOSED BUILDING

NOTE 2 ON SHEET C1

OPEN CUT/ TRENCH DETAIL

TO DEPTH OF COVER-

///// EXISTING BUILDING

PROPOSED SILT FENCE

NATIVE FILL ON

PRIVATE PROPERTY

AREAS, COMPACTED TO 95% SPMDD-

UNDER LANDSCAPED

OVERHEAD DOOR

GROUND ELEVATION AT

GROUND ELEVATION AT TOP

BOTTOM OF RETAINING WALI

PROPOSED LIGHT-DUTY ASPHALT

MILL/PAVE LAP JOINT AS PER

· LIMITS OF SUBJECT PROPERTY

DECIDUOUS/CONIFEROUS TREE

RESTORATION OF GRASSED AREAS
TO BE AS PER SURFACE WORKS

PROPOSED HEAVY-DUTY ASPHALT

N/A

NOTES, LEGEND AND DETAILS

SBM-21-1211

REQUESTED FIELD REVIEW TIME. EROSION AND SEDIMENT CONTROL MEASURES, UPON COMPLETION SERVICING IN MUNICIPAL RIGHT-OF-WAY (R.O.W.), DURING CONSTRUCTION ON-SITE STORM SERVICING, PRIOR TO BACKFILL ON-SITE SANITARY SERVICING, PRIOR TO BACKFILL ON-SITE WATERMAIN SERVICING, PRIOR TO BACKFILL WATERMAIN COMMISSIONING, DURING PROCEDURE GRADING - CURB & GUTTER STRINGLINE, PRIOR TO CURB INSTALLATION STORMWATER MANAGEMENT CONTROLS, UPON COMPLETION

LIST OF DRAWINGS

FINAL GRADING, UPON COMPLETION

SHEET C1	NOTES, LEGEND AND DETAILS
SHEET C2	EXISTING CONDITIONS, REMOVALS, AND SEDIMENT & EROSION CONTROL PLAN
SHEET C3	SITE SERVICING PLAN
SHEET C4	SITE GRADING PLAN
SHEET C5	STANDARD DETAILS

SEE SURFACE WORKS

NOTE 2 ON SHEET C1 FOR PAVEMENT

: 300mm

MIN

COMPOSITION

4 0.D.-150mm MIN, 300mm MAX

-PROP. SEWER (SEE

PLANS FOR SIZE)

COMMERCIAL DEVELOPMENT

SUBJECT

KEY PLAN

SITE

LEGAL INFORMATION

PART OF

LOT 21, CONCESSION A

(GEOGRAPHIC TOWHSHIP OF

HAMILTON)

TOWN OF COBOURG

COUNTY OF NORTHUMBERLAND

LOCATION: TOP OF HYDRANT SPINDLE LOCATED ON THE

LOCATION: PK NAIL IN ASPHALT AT NORTHWEST CORNER ON

LIST OF STANDARD DETAILS:

INDICATORS COMPONENT

CONCRETE BARRIER CURB

PAVEMENT MARKING

DIAMETER SIZES

CONCRETE SIDEWALK ADJACENT TO CURB AND GUTTER

CONCRETE SIDEWALK DRIVEWAY ENTRANCE DETAIL

CONCRETE SIDEWALK RAMPS TACTILE WALKING SURFACE

PRECAST CONCRETE MAINTENANCE HOLE, 1200mm

WATER SERVICE CONNECTIONS, 32, 38, AND 50mm

INSULATION FOR SEWERS AND WATERMAINS IN SHALLOW

CATHODIC PROTECTION FOR PVC WATERMAIN SYSTEMS

SITE BENCHMARK

SOUTHEAST CORNER OF THE SUBJECT SITE.

GEODETIC ELEVATION (CGVD2013): 98.77m

SITE ADJACENT TO ELGIN STREET WEST.

GEODETIC ELEVATION (CGVD2013): 104.16m

(CONTRACTOR TO CONFIRM BENCHMARK ELEVATIONS)

ONTARIO PROVINCIAL STANDARDS:
OPSD 219.110 LIGHT-DUTY SILT FENCE BARRIER

DIAMETER

TRENCHES

BENCHMARK#2: MONUMENT TYPE: PK NAIL

OPSD 310.020

OPSD 310.039

OPSD 310.050

OPSD 600.110

OPSD 1104.020

OPSS 710

701.010

1109.011

1109.030

LIST OF SUBMITTALS NOTE: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO ORDERING MATERIALS SHOP DRAWINGS - STORM & SANITARY STRUCTURES SHOP DRAWINGS - RETAINING WALL PRODUCT SPECIFICATIONS - SEWER AND WATERMAIN, INCLUDING APPURTENANCES

WATERMAIN TESTING RESULTS MANDREL, LEAKAGE, AND LOW PRESSURE AIR TESTING RESULTS

LIST OF ITEMS REQUIRING ENGINEER'S **REVIEW** NOTE: CONTRACTOR TO PROVIDE MIN. 48 HOURS NOTICE PRIOR TO

SHEET C1	NOTES, LEGEND AND DETAILS
SHEET C2	EXISTING CONDITIONS, REMOVALS, AND SEDIMENT & EROSION CONTROL PLAN
SHEET C3	SITE SERVICING PLAN
SHEET C4	SITE GRADING PLAN
SHEET C5	STANDARD DETAILS

TRI BATE ASSET MANAGEMENT

PIPE BED TO BE COMPACTED AND

SHAPED TO RECEIVE THE BOTTOM OF THE PIPE

P: 519.850.0000 E: INFO@WESTDELLCORP.COM

1025 ELGIN STREET WEST COBOURG, ON.

PRIOR TO REQUIRED ONSITE REVIEW.

IN NO WAY ACCEPTS RESPONSIBILITY FOR ANY INACCURACIES FOUND ON THIS PLAN RELATIVE TO EXISTING CONDITIONS FOR THE SITE. 5. PRIOR TO COMMENCING ANY CONSTRUCTION, ALL SEWER OUTLET INFORMATION, BENCHMARKS, ELEVATIONS, DIMENSIONS, GRADES, ETC. MUST BE CHECKED BY THI PRIOR TO COMMENCING ANY WORK ON THE INSTALLATION OF SERVICES & GRADING, AN APPROVED SET OF PLANS AND SPECIFICATIONS MUST BE AVAILABLE ON THE

JOB AND SHALL REMAIN THERE WHILE WORK IS BEING DONE.

8. OWNER'S CONTRACTOR IS RESPONSIBLE FOR ALL AS-BUILT INVERTS AND GRADES, RECORD ANY DEVIATION OF PIPE OR STRUCTURE LOCATION INVOLVED WITH THIS

TO BE INSTALLED PRIOR TO COMMENCING ANY CONSTRUCTION FOR THIS PROJECT AND ARE TO REMAIN IN PLACE UNTIL CONSTRUCTION HAS BEEN COMPLETED TO BASE ASPHALT AND SOD OR THE SATISFACTION OF THE MUNICIPAL ENGINEER.

EXISTING SEWER OF THE SAME TYPE AND TO REPORT ON AS-BUILT DRAWINGS. . ENSURING THAT THERE IS NO INTERRUPTION OF ANY SURFACE OR SUBSURFACE DRAINAGE FLOW THAT WOULD ADVERSELY AFFECT NEIGHBOURING PROPERTIES.

SURFACE WORKS NOTES:

- IS GREATER) OR IF WITHIN THE TOWN RIGHT OF WAY TO THE SATISFACTION OF THE TOWN ENGINEER, ALL AT NO COST TO THE TOWN.
- GRASSED AREAS TO BE RESTORED w/ 100mm TOPSOIL + SOD.
- 2.2. CONCRETE SIDEWALK TO OPSD 310.020.
- 2.3. CONCRETE CURB AND GUTTER TO OPSD 600.110 (ON-SITE BARRIER CURB)
- 2.4. ANY ASPHALT AREA DISTURBED DURING CONSTRUCTION SHALL BE RESTORED AS FOLLOWS: MAXIMUM DRY DENSITY (SPMDD) MIN.).
 - 2.4.3. MIN. RECOMMENDED ON-SITE LIGHT-DUTY PAVEMENT STRUCTURE (TO BE REVIEWED & APPROVED BY THE GEOTECHNICAL ENGINEER)
 - INSTALLED MORE THAN 2 WEEKS AFTER BINDER ASPHALT)
 - 150mm OF GRANULAR 'A' COMPACTED TO 100% SPMDD
 - 300mm OF GRANULAR 'B' COMPACTED TO 100% SPMDD
 - 50mm HL3 SURFACE ASPHALT COMPACTED TO 97% MARSHALL MIX DESIGN BULK DENSITY (TACK COAT REQUIRED PER OPSS.PROV 308 IF
 - 60mm HL8 BINDER ASPHALT COMPACTED TO 97% MARSHALL MIX DESIGN BULK DENSITY
 - 150mm OF GRANULAR 'A' COMPACTED TO 100% SPMDD - 400mm OF GRANULAR 'B' COMPACTED TO 100% SPMDD
 - 2.4.5. MATCH EXISTING CONDITIONS OR AS PER BELOW ON PRIVATE PROPERTY, WHICHEVER IS GREATER (TO BE REVIEWED & APPROVED BY THE GEOTECHNICAL - 50mm HL4 SURFACE ASPHALT COMPACTED TO 97% MARSHALL MIX DESIGN BULK DENSITY
- 200mm OF GRANULAR 'A' COMPACTED TO 100% SPMDD 2.1. RESTORE ALL PAVEMENT MARKINGS TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS AND MARKINGS SHALL BE COMPLETED IN ACCORDANCE WITH OPSS 710
- ALL EXTERIOR HORIZONTAL CONCRETE SHALL BE MIN 100mm THICK, 32 MPa AT 28 DAYS c/w 5-8% AIR ENTRAINMENT, SLUMP OF 80mm (±20mm) OR 30mm (±10mm) WHEN USING A FORMING MACHINE AND TEMPERATURE BETWEEN 10-28°C. ON MIN 100mm THICK GRANULAR 'A' COMPACTED TO 100% SPMDD.

- ALL WORK FOR COORDINATION, DESIGN, AND CONSTRUCTION OF UTILITIES IS BY OTHERS. SBM DESIGN AND DRAWINGS ARE FOR MUNICIPAL SERVICING ONLY. ANY UTILITY
- BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE GOVERNING BODY AT THE CONTRACTOR'S EXPENSE.
- OWNER'S CONTRACTOR TO LOCATE/FIELD VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.

APRIL 20, 2021. CONCEPTÚAL SITE PLAN PROVIDED BY WESTDELL DEVELOPMENT CORPORATION

DRAWN

CHECKED LS/BH

APPROVED BH

DATE 20/05/2021

cad 21-1211

REVISIONS D/M/Y 18/05/21

28/05/21 CJ

GRANULAR 'B TYPE II' BACKFILL UNDER ASPH. &

COMPACTED TO 98%

LIMITS OF SAFE EXCAVATIONS: TYPE 1 & 2 SOILS: 1:1

SPMDD(TO BE

ENGINEER)

TYPE 3 SOIL:

TYPE 4 SOIL:

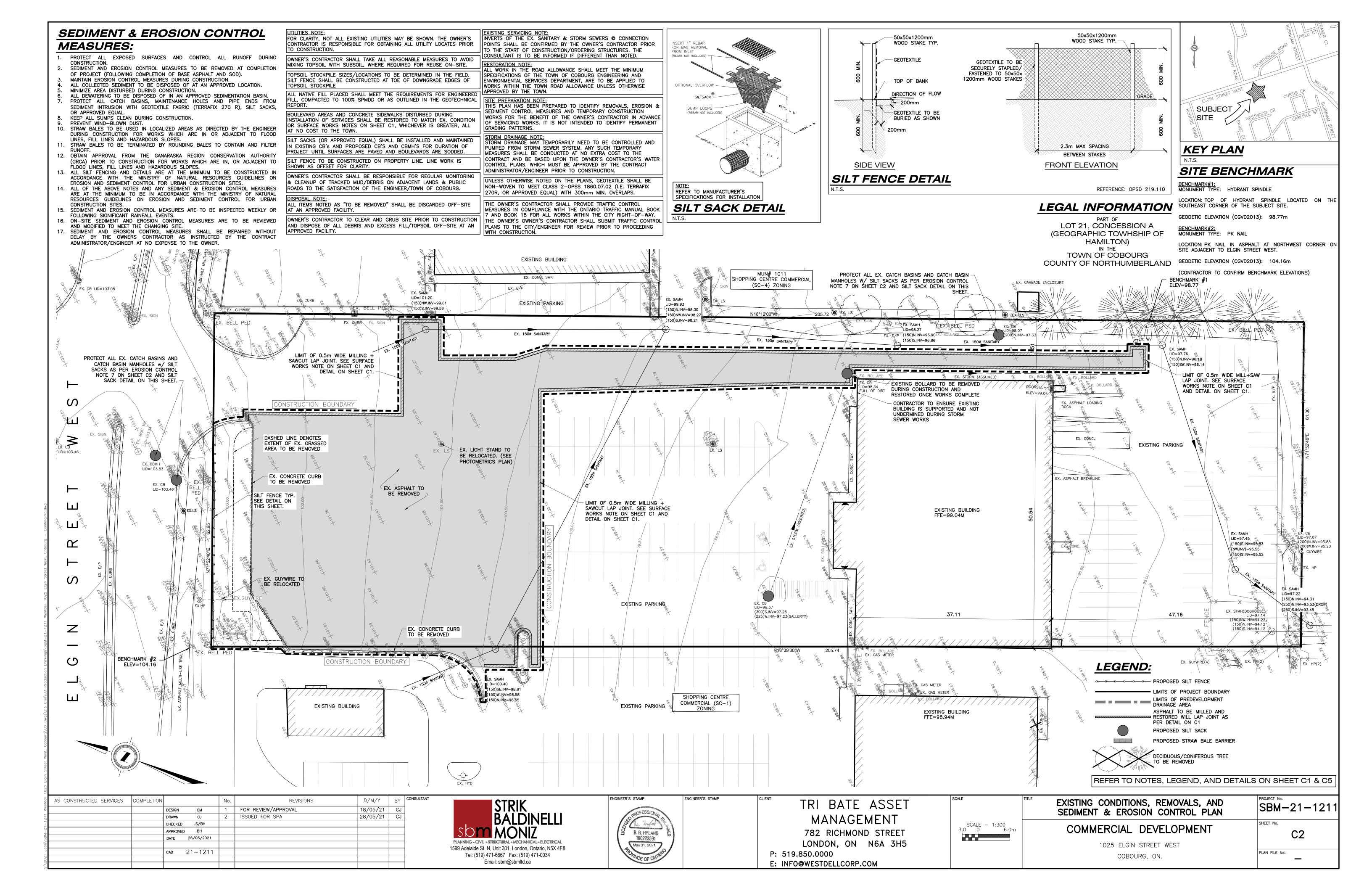
300mm MIN FOR PIPE DIA (D) 100mm TO 900mm

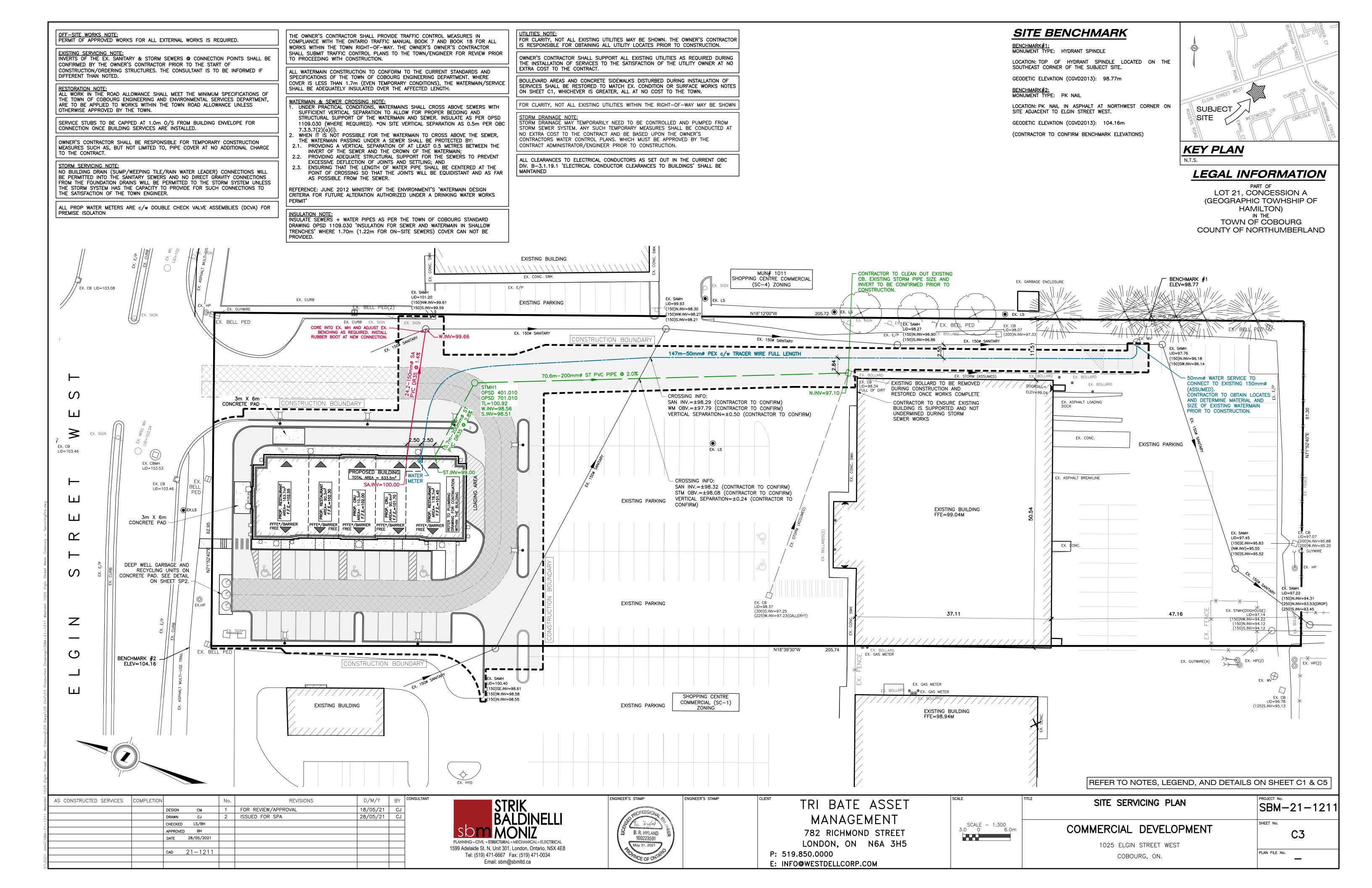
 $\overline{}$ 375mm MIN FOR PIPE DIA (D) OVER 900mm

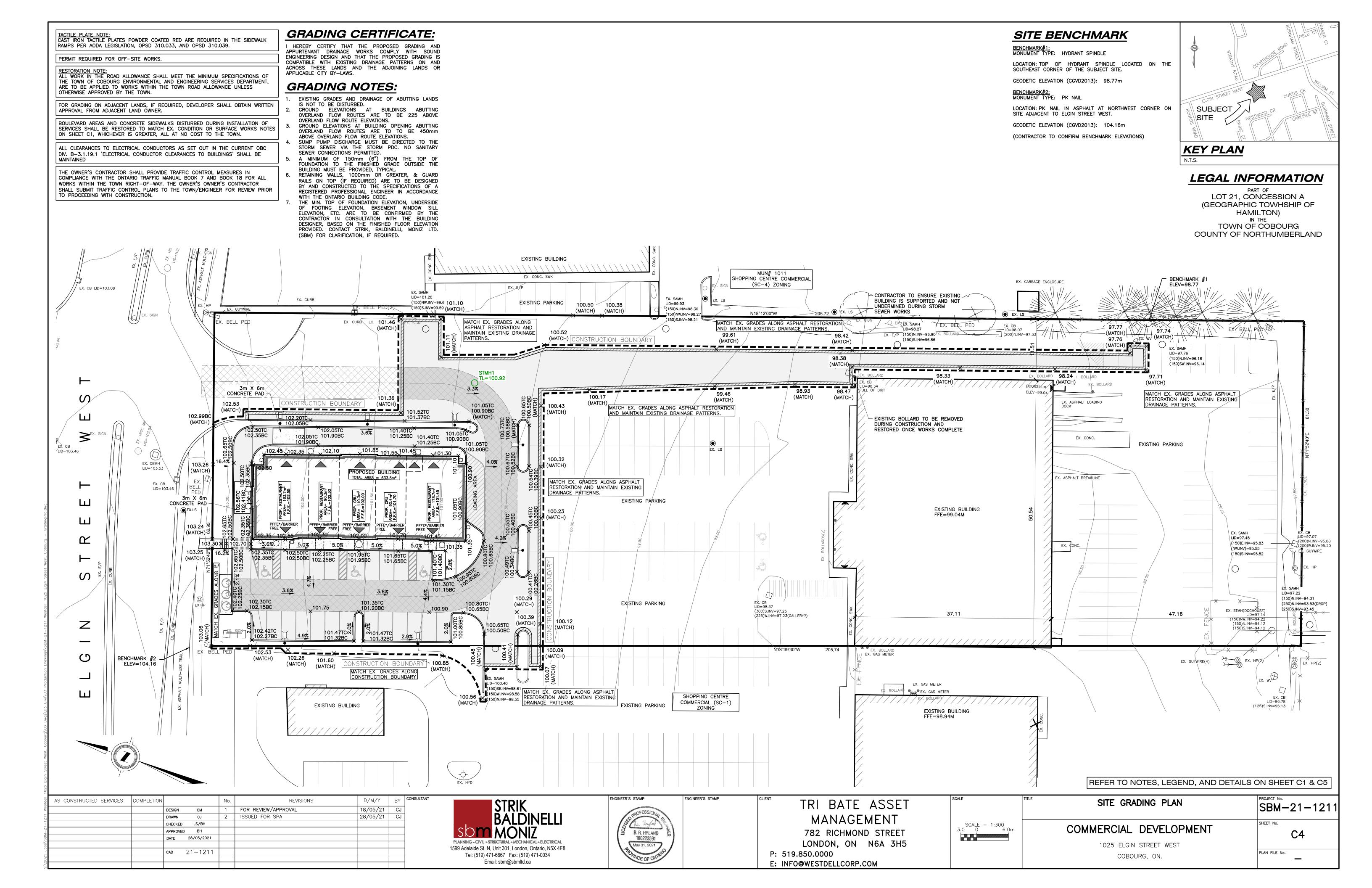
WITHIN MUNICIPAL R.O.W.,

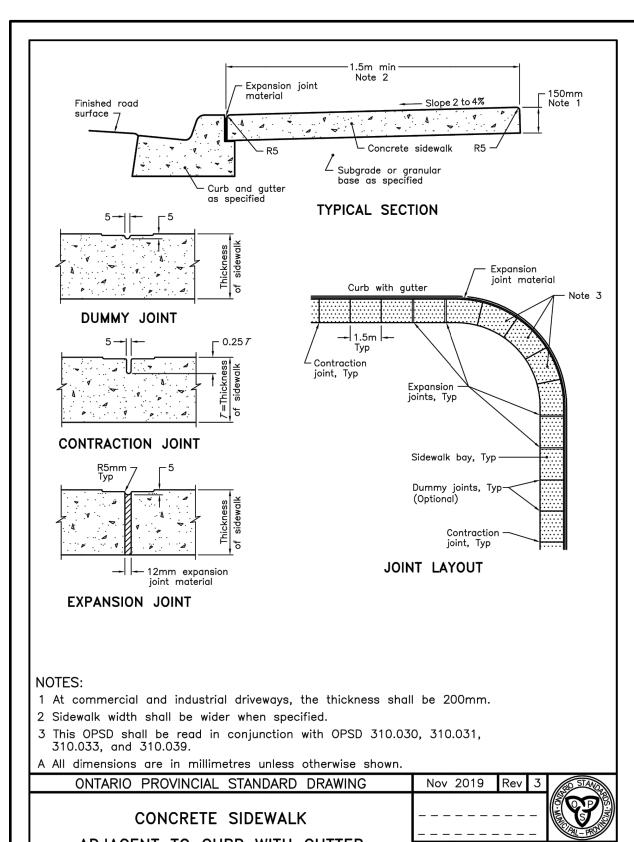
REVIEWED/APPROVED BY

PLAN FILE No.





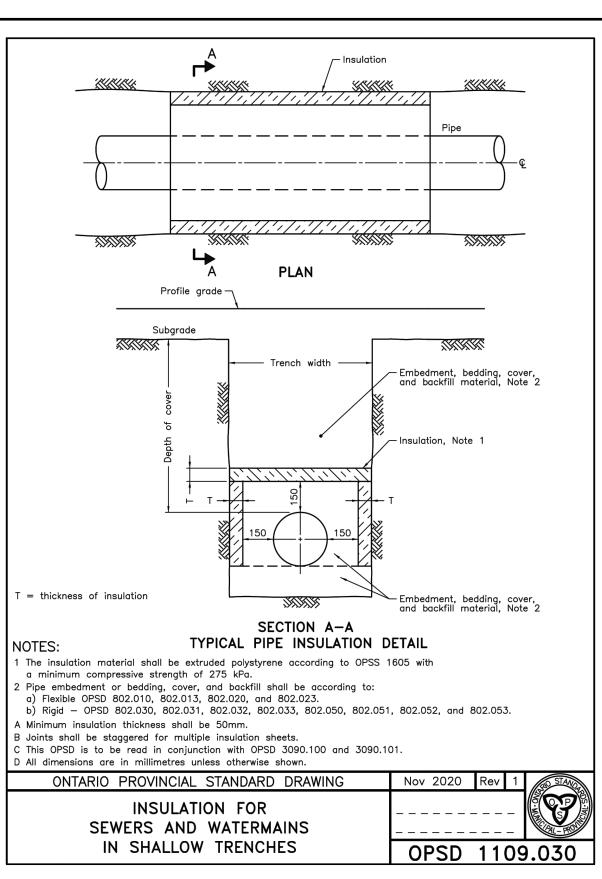


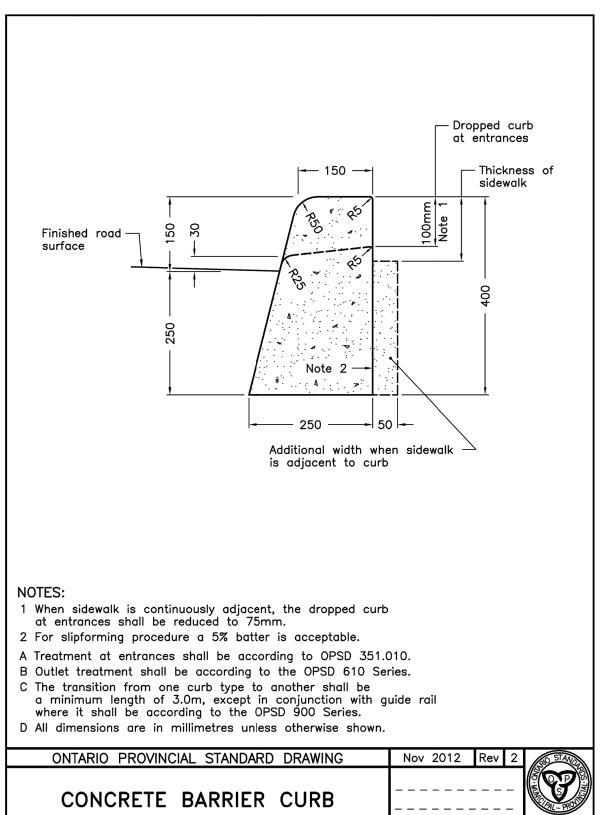


OPSD 310.020

CONCRETE SIDEWALK

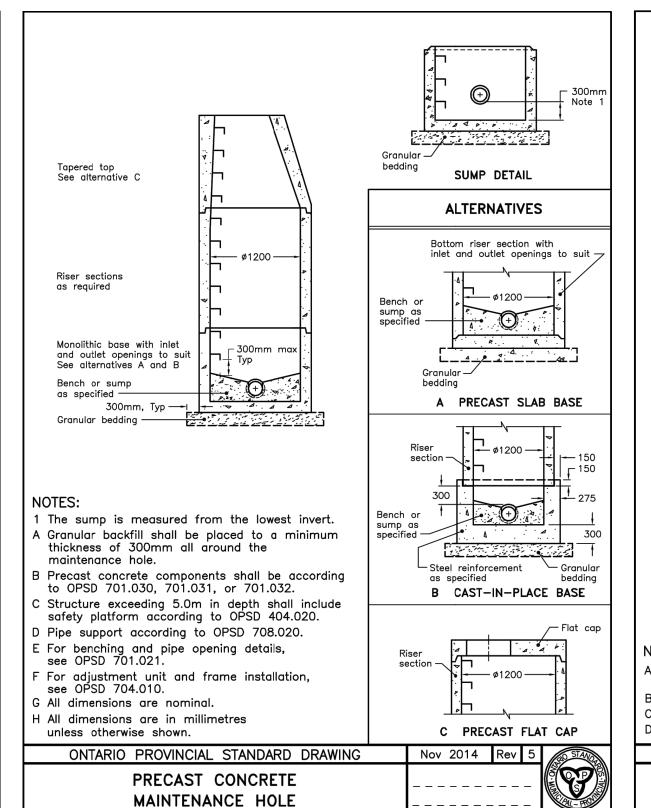
ADJACENT TO CURB WITH GUTTER





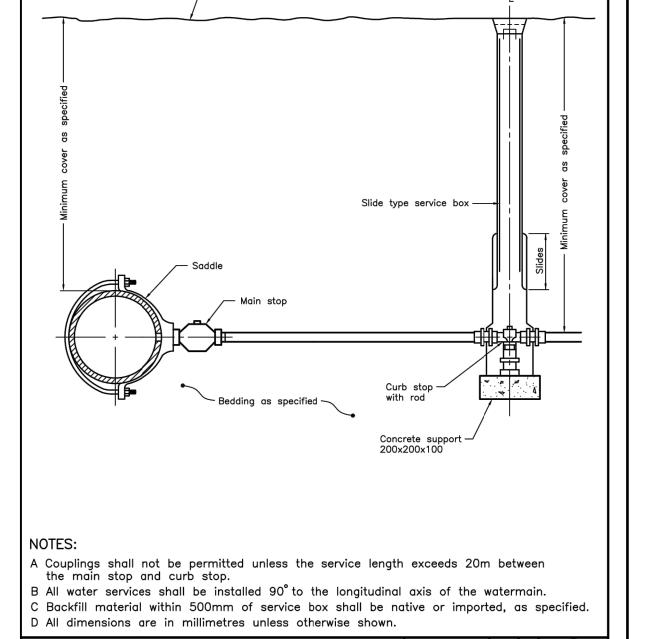
OPSD 600.110

CONCRETE BARRIER CURB

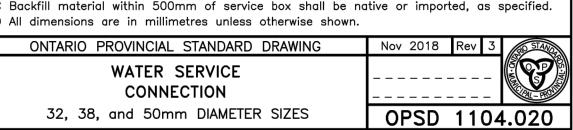


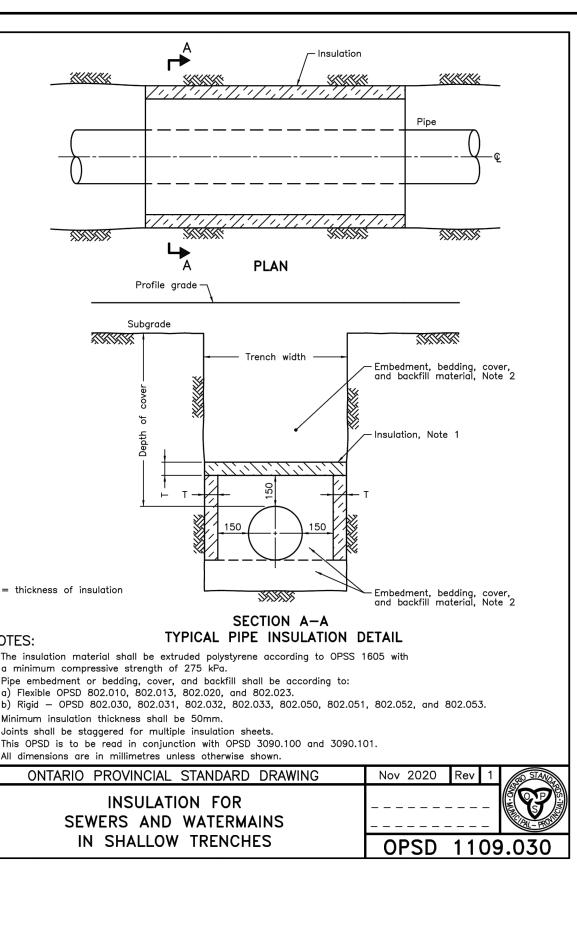
OPSD 701.010

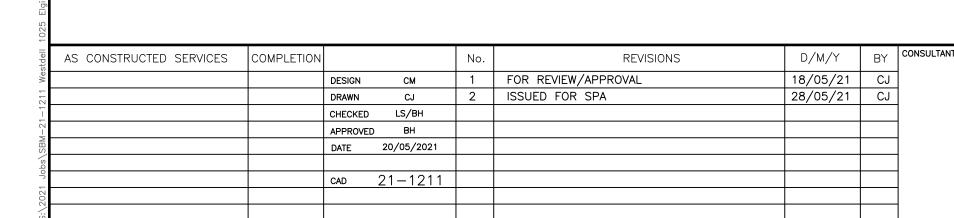
1200mm DIAMETER



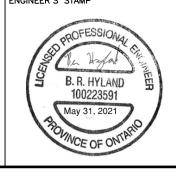
— Finished grade









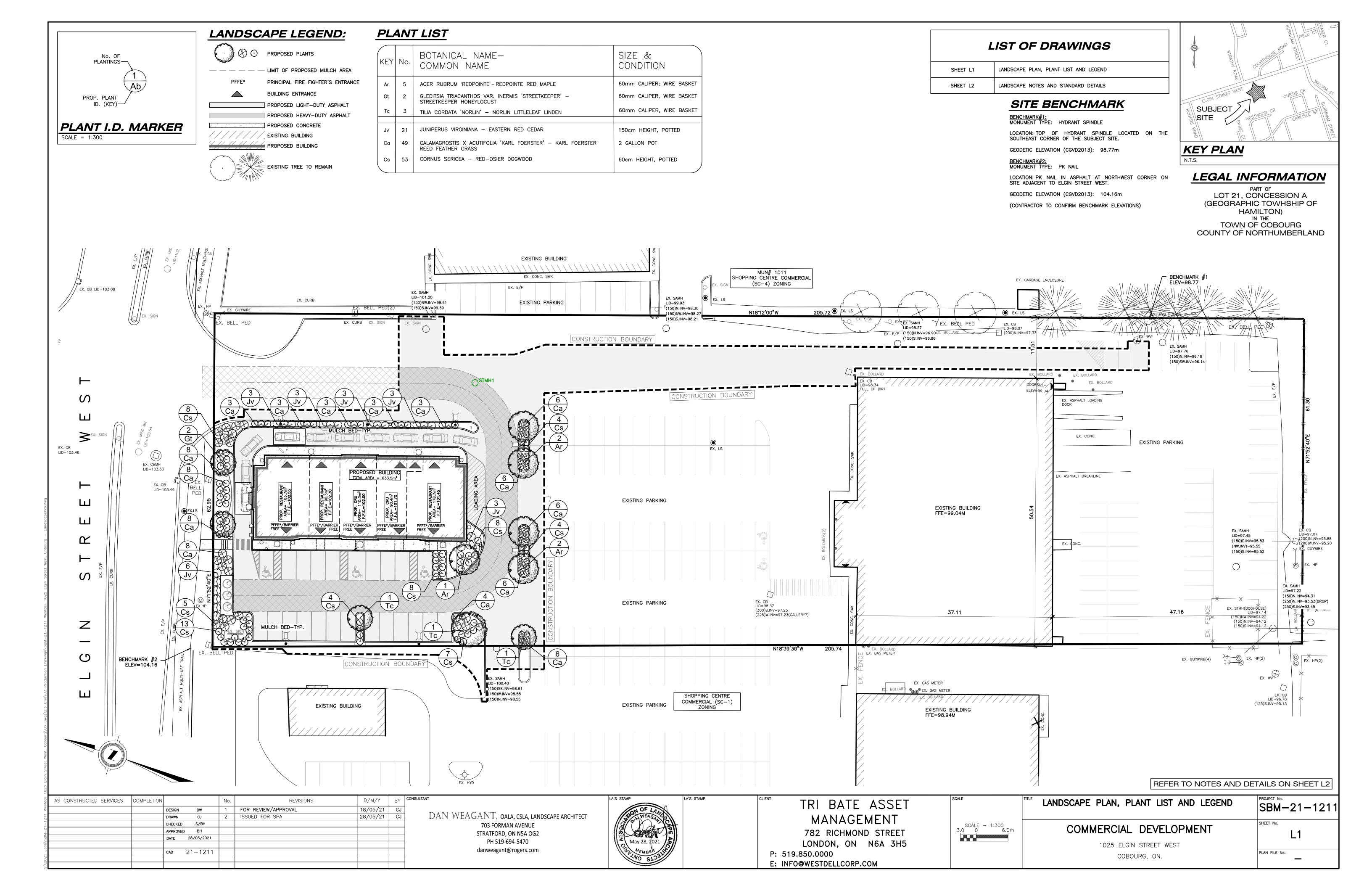


TRI BATE ASSET MANAGEMENT 782 RICHMOND STREET

LONDON, ON N6A 3H5

P: 519.850.0000 E: INFO@WESTDELLCORP.COM N/A

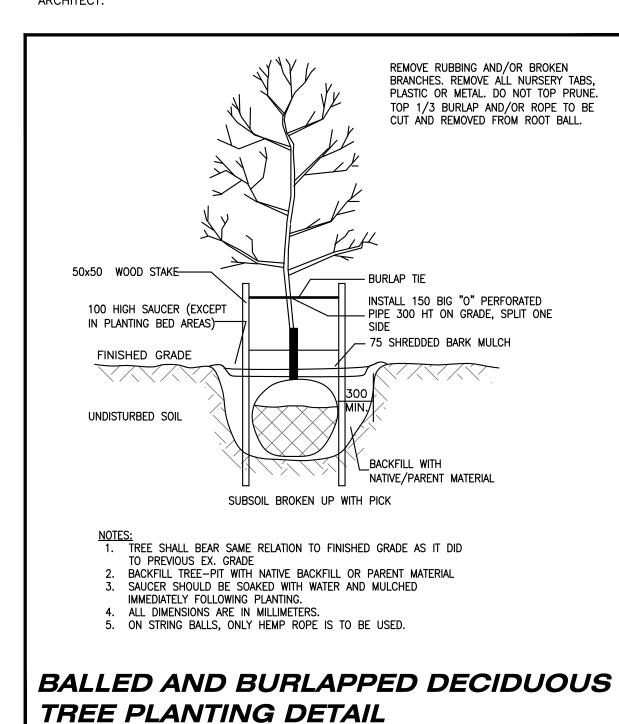
STANDARD DETAILS SBM-21-1211 COMMERCIAL DEVELOPMENT 1025 ELGIN STREET WEST PLAN FILE No. COBOURG, ON.



LANDSCAPE NOTES

- 1. SITE LAYOUT IN ACCORDANCE WITH SITE PLAN BY STRIK BALDINELLI MONIZ LTD.
- 2. LANDSCAPE PLAN SHOULD BE READ IN CONJUNCTION WITH CURRENT SITE SERVICING AND SITE GRADING PLANS.

 3. LAYOUT OF ALL PLANT MATERIAL IS TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO
- 3. LAYOUT OF ALL PLANT MATERIAL IS TO BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 4. CONTRACTOR IS RESPONSIBLE FOR UTILITY AND SERVICING LOCATES. ANY DAMAGE TO UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR FOR REPAIR, TO THE SATISFACTION OF THE APPLICABLE UTILITY / AGENCY.
- 5. CONTRACTOR IS REQUIRED TO CONFIRM ANY DISCREPANCIES, WITH RESPECT TO QUANTITIES OR LOCATION OF PLANT MATERIAL OR OTHER ELEMENTS INDICATED ON THE PLAN. DO NOT PROCEED IN UNCERTAINTY. OBTAIN DIRECTION AS REQUIRED FROM LANDSCAPE ARCHITECT.
- 6. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO SELECT / APPROVE PLANT MATERIALS AT SOURCE, WITHOUT LIMITING THE RIGHT TO REFUSE PLANT MATERIAL AT A FUTURE DATE WHERE THERE ARE CLEAR VIOLATIONS OF SPECIFIED CHARACTERISTICS.
- 7. CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT UPON COMPLETION OF INSTALLATION FOR THE PURPOSES OF PREPARING A CERTIFICATION OF COMPLETION.
- 8. CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATIONS UNTIL ACCEPTED BY THE OWNER.
- 9. SUBSTITUTION OF ANY PLANT MATERIAL IS SUBJECT TO WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- 10. TREE PITS SHALL BE EXCAVATED TO A MINIMUM OF 750mm WIDER THAN THE ROOT BALL OF THE TREE BEING INSTALLED. TREES SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL IS 100 150mm ABOVE THE ELEVATION OF THE TOP OF THE SURROUNDING CURB.
- 11. SHRUBS AND ORNAMENTAL GRASSES SHALL BE PLANTED IN A MINIMUM 450mm DEPTH OF TOPSOIL / PLANTING MEDIUM.
- 12. REMOVE WIRE BASKETS PRIOR TO INSTALLATION AND REMOVE FROM SITE. BURLAP IS TO BE CUT AWAY FROM THE STEM AND ROOT BALL TO A DEPTH OF 300mm FROM THE FINISHED PLANTING SURFACE.
- 13. REMOVE GUY WIRES, STAKES AND OTHER STABILIZING MATERIALS FROM TREES UPON ACCEPTANCE BY THE OWNER OR UPON COMPLETION OF THE WARRANTY PERIOD, WHICHEVER IS LATER.
- 14. ENSURE COMPLETED PLANTING SOIL SURFACE IS MOUNDED TO PROVIDE POSITIVE DRAINAGE TO ADJACENT TOP OF CURB ENCLOSURE.
- 15. ALL TOPSOIL FOR PLANTING SHALL BE COMPRISED OF CLAY / SANDY LOAM WITH A 4 TO 12% ORGANIC MATTER, CAPABLE OF SUSTAINING APPROPRIATE GROWTH OF THE PLANTS. THE SOIL SHALL BE FREE OF CONTAMINANTS, ROOTS AND STONES LARGER THAN 25mm IN DIAMETER. REQUIRED PH FOR THIS INSTALLATION IS BETWEEN 6.0 AND 7.0. THE LANDSCAPE ARCHITECT / OWNER RESERVES THE RIGHT TO INSPECT AND ACCEPT / REJECT TOPSOIL PRIOR TO APPLICATION.
- 16. MULCH SHALL BE PLACED AT A MINIMUM DEPTH OF 75mm THROUGHOUT THE PLANTING AREA. MULCH IS TO BE COMPOSED OF AGED CEDAR MULCH OR AN ALLOWABLE SUBSTITUTION UPON ACCEPTANCE BY THE LANDSCAPE

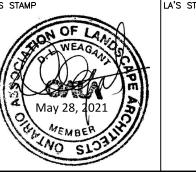


NOT TO SCALE

THIN BRANCHES AND FOLIAGE BY 1/3. RETAINING NORMAL SHRUB FRAMEWORK AND SHAPE. PAINT ALL CUTS OVER 12 WITH APPROVED TREE PAINT. REMOVE RUBBING AND/OR BROKEN BRANCHES. REMOVE ALL NURSERY TABS, PLASTIC OR METAL. DO NOT TOP PRUNE. SHRUBS SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO EXIST. GRADE. TOP 1/3 BURLAP AND/OR ROPE TO BE CUT AND REMOVED FROM ROOT BALL. 75 SHREDDED BARK MULCH 100 HIGH SAUCER (EXCEPT IN PLANTING BED (AREAS) FINISHED GRADE UNDISTURBED SOIL SOIL MIXTURE (SEE NOTE) TOPSOIL TAMPENED TO PREVENT SETTLEMENT SUBSOIL BROKEN UP WITH PICK SOAK ROOT BALL PRIOR TO MOVING. SOIL MIXTURE-TWO PARTS TOPSOIL, ONE PART COMPOST, ONE PART SHREDDED PEAT, AND APPLICATION OF HIGH PHOSPHOROUS FERTILIZER (0-20-0) SAUCER SHOULD BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING. 4. ALL DIMENSIONS ARE IN MILLIMETERS. BALLED AND BURLAPPED SHRUB PLANTING DETAIL NOT TO SCALE

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stdell	AS CONSTRUCTED SERVICES	COMPLETION			No.	REVISIONS	D/M/Y	BY	CONSULTAN
Wes			DESIGN	DW	1	FOR REVIEW/APPROVAL	18/05/21	CJ	1
211			DRAWN	Cl	2	ISSUED FOR SPA	28/05/21	CJ	
1-1			CHECKED	LS/BH					
1-2			APPROVED) BH					
SBM.			DATE	28/05/2021					
Jobs									
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DAN WEAGANT, OALA, CSLA, LANDSCAPE ARCHITECT
703 FORMAN AVENUE
STRATFORD, ON N5A OG2
PH 519-694-5470
danweagant@rogers.com



TRI BATE ASSET
MANAGEMENT
782 RICHMOND STREET
LONDON, ON N6A 3H5

P: 519.850.0000

E: INFO@WESTDELLCORP.COM

N/A

LANDSCAPE NOTES AND STANDARD DETAILS

COMMERCIAL DEVELOPMENT

1025 ELGIN STREET WEST

COBOURG, ON.

PROJECT No.
SHEET No.

L2

PLAN FILE No.

PLAN FILE No.