

- STORM SEWER SYSTEM, ALL GRASSED AREAS MUST BE COMPLETED PRIOR TO THE REMOVAL OF THE FILTER FABRIC IN THE CATCH BASINS. 15. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE DIRECTED FROM THE ENGINEER. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS LOCATED WITHIN THE PROPOSED BUILDING. PARKING AND ROADWAY LOCATIONS. ANY CONTAMINATED MATERIAL SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
- 16. THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE CONTRACTOR FROM THE REQUIREMENTS TO OBTAIN THE VARIOUS PERMITS/APPROVALS REQUIRED TO COMPLETE A CONSTRUCTION PROJECT, SUCH AS BUT NOT LIMITED TO; ROAD CUT PERMITS, SEWER PERMITS, WATER PERMIT, ETC.
- 17. AT PROPOSED UTILITY CONNECTION POINTS AND CROSSINGS (I.E. STORM SEWER, SANITARY SEWER, WATER, ETC.) THE CONTRACTOR SHALL DETERMINE THE PRECISE LOCATION AND DEPTH AND SIZE OF EXISTING UTILITIES AND REPORT ANY DISCREPANCIES OR CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES.
- 18. REFER TO ARCHITECT AND LANDSCAPE ARCHITECTS DRAWINGS FOR BUILDING, LANDSCAPE, AND HARD SURFACE AREAS AND DIMENSIONS, 19. CONTRACTOR IS RESPONSIBLE TO KEEP THE ROADS FREE AND CLEAN FROM MUD OR DEBRIS.
- INSPECT THEM FREQUENTLY AND CLEAN AND REPAIR OR REPLACE THE DETERIORATED STRUCTURES. AT THE END OF THE CONSTRUCTION PERIOD, THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF THE . TEMPORARY STRUCTURES AND RECONDITIONING THE AFFECTED AREAS

- GEOTEXTILE FABRIC TO AVOID FINE PARTICLE TRANSPORT BY WIND AND/OR STREAMING RAIN WATER.
- CONTROL WIND-BLOWN DUST OFF SITE TO ACCEPTABLE LEVELS BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED). FOR DUST CONTROL, CONTRACTOR TO APPLY CALCIUM CHLORIDE (TYPE I - OPSS 2501 AND CAN/CGSB-15-1) AND WATER WITH EQUIPMENT APPROVED BY THE OWNER'S REPRESENTATIVE AT RATE IN ACCORDANCE TO OPSS 506 WHEN DIRECTED BY OWNER'S REPRESENTATIVE.
- ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN DESTABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER. SEDIMENT CAPTURE SILT SACKS MUST BE MAINTAINED AND CANNOT BE REMOVED UNTIL ALL LANDSCAPING AREAS ARE COMPLETED. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED

- FILTER CLOTHS ON CATCH BASINS AND MANHOLE COVERS. INSPECT AND CLEAN CATCH BASIN SUMPS AND STORM SEWERS.

- 20. SUPPLY AND INSTALL ALL WATERMAIN ACCORDANCE WITH MOST CURRENT CITY O
- 21. ALL WATER MAIN TO BE INSTALLED AT MININ
- 23. CONCRETE THRUST BLOCKS AND RESTRA
- THAT THE AMOUNT OF DEFLECTION USED
- CONNECTIONS AND SHUT-OFFS AT THE MAIN



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で (P2) 一 Brick Extension (No. 415) 0.10 West	&Meas.	
Z Building (No. 415) 0.02 East Per P2 Z	Doorsill Elev=74.34	
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PROTECT DURING CONSTRUCTION Conce ATCH BASIN TO REMAIN	rete	
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REQUIRED FOR ALL IRON FITTINGS AS PER 03. E DEFLECTED TO MEET ALIGNMENT, ENSURE		
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EXISTING V&VB	0.7%	
	~ \ // \	PROPOSED MAXIMUM PONDING LIMIT
PROPOSED WATERMAIN PROPOSED V&VB		PRIOR TO OVERFLOW PROPOSED MAJOR OVERLAND FLOW
PROPOSED FIRE HYDRANT EXISTING UNDERGROUND GAS		PROPOSED WATERSHED BOUNDARY
EXISTING UNDERGROUND BELL EXISTING UNDERGROUND POWER	WS-03	- WATERSHED AREA NO.
EXISTING OVERHEAD WIRES	0.039 0.90	-RUNOFF COEFFICIENT
		– AREA (IN HECTARES)

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530 - 1600 Carling Avenue Ottawa Onta t 613 230 1186 smithandandersen MEP engineers   ingénieur MEP	<b>n</b> nrio K1Z 1G3 .com
PARSON 1223 MICHAEL STREET, SUITE 100, OTTAWA, ONI Tel: 613-738-4160 Fax: 613-739-7105	<b>15</b> TARIO K1J 7T2
general notes   note générale 1. CONTRACTOR SHALL CHECK AND VERIFY ALL DIM REPORT ALL ERRORS AND OMISSIONS TO THE ARC 2. DO NOT SCALE THE DRAWINGS. 3. NOT FOR CONSTRUCTION UNTIL SIGNED BY THE AR	ENSIONS AND HITECT. 2CHITECT.
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shing 0.1 East <u>KEY PLAN</u>	
Foundation Wall (No. 415).13 East Brick extension 0.02 East No. 415 12 STOREY BUILDING	
LOT 22 435 ALBERT STREET PART 1 PLAN 5R-8164 PIN 04112 - 0145	
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Covered Walkway       PART 2       PLAN $5R-8164$ By-law       202-287, inst. oc127419 $ac127419$ 2nd Storey       101.14Meas. (101.17 P2) $by$ 0.05 North       Interlock $by$ Bus Shelter $by$ $B$	
Metal Grate Drainage Concrete Curb - ABN W ABN	
W      W     W       D      P     P       Curb          P	
3.0m 1.5 0 3.0 6.0m SCALE: 1:150	

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CLELAND JARDINE ENGINEERING LTD Structural engineers   ingénieur structure
bio Smith + Andersen So tag and a venue Ottawa Ontario K12 1G3 tag 200 1186 smithandandersen.com Mer engineers ingénieur MEP Example Sample Samp
<ul> <li>general notes   note générale</li> <li>1. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECT.</li> <li>2. DO NOT SCALE THE DRAWINGS.</li> <li>3. NOT FOR CONSTRUCTION UNTIL SIGNED BY THE ARCHITECT.</li> </ul>
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VERTICAL BENDS						
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TEES LENGTH ALONG THE BRANCH - L	1	1	1	1	1	1
LENGTH ALONG THE RUN - Lr	3	3	3	3	3	3
HORIZONTAL BENDS						
11.25, 22.5, AND 45 DEGREE BENDS	1	1.5	1.5	2	2	2.5
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