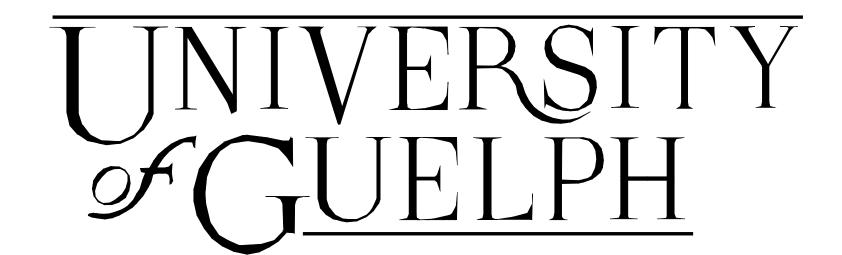
<u>COVER</u>	S AND DRAWING LISTS	<u>MECHA</u>	NICAL
00	COVER SHEET	DM10	DEMOLITION PLUMBING - WING B LEVEL 1
CIVIL		DM11 DM12	DEMOLITION PLUMBING - WING B LEVEL 2 DEMOLITION PLUMBING - WING C LEVEL 1
C01	SITE SERVICING PLAN	DM12 DM13	DEMOLITION PLUMBING - WING C LEVEL 1 DEMOLITION HVAC - WING B LEVEL 1
C01	CIVIL DETAILS	DM14	DEMOLITION HVAC - WING B LEVEL 2
		DM15	DEMOLITION HVAC - WING C LEVEL 1
<u>ARCHIT</u>	<u>rectural</u>	DM16	DEMOLITION MECHANICAL - RM 120 AND PENTHOUSE 302
A01	OBC REVIEW	M10 M11	PLUMBING - WING B LEVEL 1 PLUMBING - WING B LEVEL 2
A02	OBC DATA	M12	PLUMBING - WING C LEVEL 1
A05 A10	CONSTRUCTION TYPES EXISTING FLOOR PLAN - WING B LEVEL 1	M20	HEATING - WING B LEVEL 1
A11	EXISTING FLOOR PLAN - WING B LEVEL 2	M21	HEATING - WING B LEVEL 2
A12	EXISTING FLOOR PLAN - PENTHOUSES AND WING C	M22 M30	HEATING - WING C LEVEL 1 VENTILATION - WING B LEVEL 1
A13	ALTERED FLOOR PLAN - WING B LEVEL 1 ALTERED FLOOR PLAN - WING B LEVEL 2	M31	VENTILATION - WING B LEVEL 2
A14 A15	ALTERED FLOOR PLAN - WING B LEVEL 2 ALTERED FLOOR PLAN - PENTHOUSES AND WING C	M32	VENTILATION - WING C LEVEL 1
A16	PARTIAL ALTERED FLOOR PLANS	M40 M50	FIRE SUPPRESSION - WING B AND C MECHANICAL ROOM - WING B
A17	ALTERATIONS TO DIGESTER ROOM	M51	PENTHOUSE - WING B
A20 A21	EXISTING EXTERIOR ELEVATIONS ALTERED EXTERIOR ELEVATIONS	M52	ROOF PLAN
A21 A22	PARTIAL ALTERED EXTERIOR ELEVATIONS	M53	MECHANICAL SECTIONS
A25	INTERIOR ELEVATIONS	M54 M60	MECHANICAL STANDARD DETAILS STEAM DISTRIBUTION SCHEMATICS
A26	INTERIOR ELEVATIONS	M61	HOT WATER HEATING SCHEMATICS
A27 A28	INTERIOR ELEVATIONS AND DETAILS INTERIOR ELEVATIONS AND DETAILS	M62	CHILLED WATER AND GLYCOL SCHEMATIC
A20 A30	BUILDING SECTIONS	M63	VENTILATION SCHEMATICS
A31	BUILDING SECTIONS	M64 M66	PLUMBING SCHEDULE AND SCHEMATICS HEATING SCHEDULES
A32	EXISTING WALL SECTIONS	M67	VENTILATION SCHEDULES 1 OF 2
A33 A34	EXISTING WALL SECTIONS EXISTING WALL SECTIONS	M68	VENTILATION SCHEDULES 2 OF 2
A34 A35	ALTERED WALL SECTIONS	M70	CONTROLS SCHEMATIC 1 OF 3
A36	ALTERED WALL SECTIONS	M71 M72	CONTROLS SCHEMATIC 2 OF 3 CONTROLS SCHEMATIC 3 OF 3
A37	ALTERED WALL SECTIONS	M73	CONTROLS SCHEWATIC 3 OF 3 CONTROLS PLAN
A40 A41	PLAN DETAILS PLAN DETAILS	M80	MSCL
A41 A42	PLAN DETAILS PLAN DETAILS		
A43	PLAN DETAILS	ELECT	<u>RICAL</u>
A44	PLAN DETAILS	DE10	EXISTING POWER AND FIRE ALARM - WING B LEVEL 1
A45 A46	SECTION DETAILS SECTION DETAILS	DE11 DE12	EXISTING POWER AND FIRE ALARM - WING B LEVEL 2 EXISTING ELECTRICAL SYSTEMS - WING C
A47	SECTION DETAILS	DE12	EXISTING LIGHTING - WING B LEVEL 1
A50	EXISTING RCP - WING B LEVEL 1	DE14	EXISTING LIGHTING - WING B LEVEL 2
A51 A52	EXISTING RCP - WING B LEVEL 2 EXISTING RCP - PENTHOUSE AND WING C	DE15	SINGLE LINE DEMOLITION
A52 A53	ALTERED RCP - WING B LEVEL 1	E01 E02	ELECTRICAL COVER SHEET & LUMINAIRE SCHEDULE SINGLE LINE DIAGRAM
A54	ALTERED RCP - WING B LEVEL 2	E03	ELECTRICAL SITE PLAN
A55	ALTERED RCP - PENTHOUSE AND WING C	E09	STAIR SECTIONS - WING B
A56 A57	PARTIAL REFLECTED CEILING PLANS AND DETAILS PARTIAL REFLECTED CEILING PLANS AND DETAILS	E10 E11	LIGHTING LAYOUT - WING B LEVEL 1 LIGHTING LAYOUT - WING B LEVEL 2
A58	PARTIAL REFLECTED CEILING PLANS AND DETAILS	E11	LIGHTING LAYOUT - WING B LEVEL 2 LIGHTING LAYOUT - WING C
A59	CEILING AND BULKHEAD DETAILS	E15	LIGHTING CONTROL SCHEMATICS SHEET No.1
A60	ELEVATOR DETAILS	E16	LIGHTING CONTROL SCHEMATICS SHEET No.2
A65 A66	EXISTING PARTIAL FLOOR PLANS - STAIRS ALTERED PARTIAL FLOOR PLANS - STAIRS	E17 E18	LIGHTING CONTROL SCHEMATICS SHEET No.3 LIGHTING CONTROL SCHEMATICS SHEET No.4
A67	STAIR SECTIONS	E20	POWER LAYOUT - WING B LEVEL 1
A68	STAIR DETAILS	E21	FIRE ALARM LAYOUT - WING B LEVEL 1
A70	EXISTING ROOF PLAN ALTERED ROOF PLAN AND DETAILS	E22	MECHANICAL EQUIPMENT - WING B LEVEL 1
A71 A72	ROOF DETAILS	E23 E24	POWER LAYOUT - WING B LEVEL 2 FIRE ALARM LAYOUT - WING B LEVEL 2
A75	CANOPY DETAILS	E25	MECHANICAL EQUIPMENT - WING B LEVEL 2
A80	DOOR AND FRAME SCHEDULE, DOOR AND FRAME TYPES	E26	ELECTRICAL LAYOUT - WING B MECHANICAL PENTHOUSE
A81 A82	INTERIOR SCREEN AND WINDOW TYPES CURTAIN WALL TYPES AND DETAILS	E27	POWER AND FIRE ALARM LAYOUT - WING C
A85	ROOM FINISH SCHEDULE	E28 E29	MECHANICAL EQUIPMENT - WING C ROOF LAYOUT
A86	FLOOR FINISH PLAN - WING B LEVEL 1	E30	LIGHTING CONTROL SCHEDULE AND DETAILS
A87	FLOOR FINISH PLAN - WING C LEVEL 2	E31	MOTOR STARTER AND CONTROL LIST
A88 A90	FLOOR FINISH PLAN - WING C AND DETAILS MILLWORK PLANS, ELEVATIONS AND DETAILS	E32	FIRE ALARM RISER DIAGRAM
A90 A91	MILLWORK PLANS, ELEVATIONS AND DETAILS MILLWORK PLANS, ELEVATIONS AND DETAILS	E33 E34	PANEL SCHEDULES - 1 OF 4 PANEL SCHEDULES - 2 OF 4
A92	MILLWORK PLANS AND ELEVATIONS	E35	PANEL SCHEDULES - 3 OF 4
A93	MILLWORK PLANS AND ELEVATIONS	E36	PANEL SCHEDULES - 4 OF 4
A94 A95	MILLWORK PLANS AND ELEVATIONS MILLWORK PLANS AND ELEVATIONS		
A96	MILLWORK SECTIONS	<u>COMM</u>	<u>JNICATIONS</u>
A97	MILLWORK SECTIONS	T100	TITLE PAGE
A98	MILLWORK SECTIONS	T101	SCHEMATICS
A99	MILLWORK SECTIONS AND DETAILS	T102 T103	B-WING FLOOR 1 LAYOUT B-WING FLOOR 2 LAYOUT
STRUC [*]	<u>TURAL</u>	T104	PATHWAYS DETAILS
S00	GENERAL NOTES	T105	INSTALLATION DETAILS
S01	SCHEDULES AND STANDARD DETAILS	T106	GROUNDING AND BONDING DETAILS
S02	STANDARD DETAILS	T107 T108	RACK ELEVATIONS AV ELEVATIONS WING B LEVEL 1
S10 S11	EXISTING FOUNDATION PLAN - WING B AND C LEVEL 1 EXISTING FRAMING PLAN - WING B LEVEL 2	T108	AV LAYOUT AND RISERS
S12	EXISTING FRAMING PLAN - WING B ROOF	T110	AV ELEVATIONS WING B LEVEL 2
S13	EXISTING FRAMING PLANS - WING B AND C ROOF		
S14	ALTERED FRAMING PLAN - WING B LEVEL 2		
S15 S16	ALTERED FRAMING PLAN - WING B ROOF ALTERED FRAMING PLAN - WING C ROOF		
S20	ENLARGED FRAMING PLANS - WING B		

ENLARGED FRAMING PLANS - WING B

PLAN DETAILS

FRAMING ELEVATIONS

SECTIONS AND DETAILS



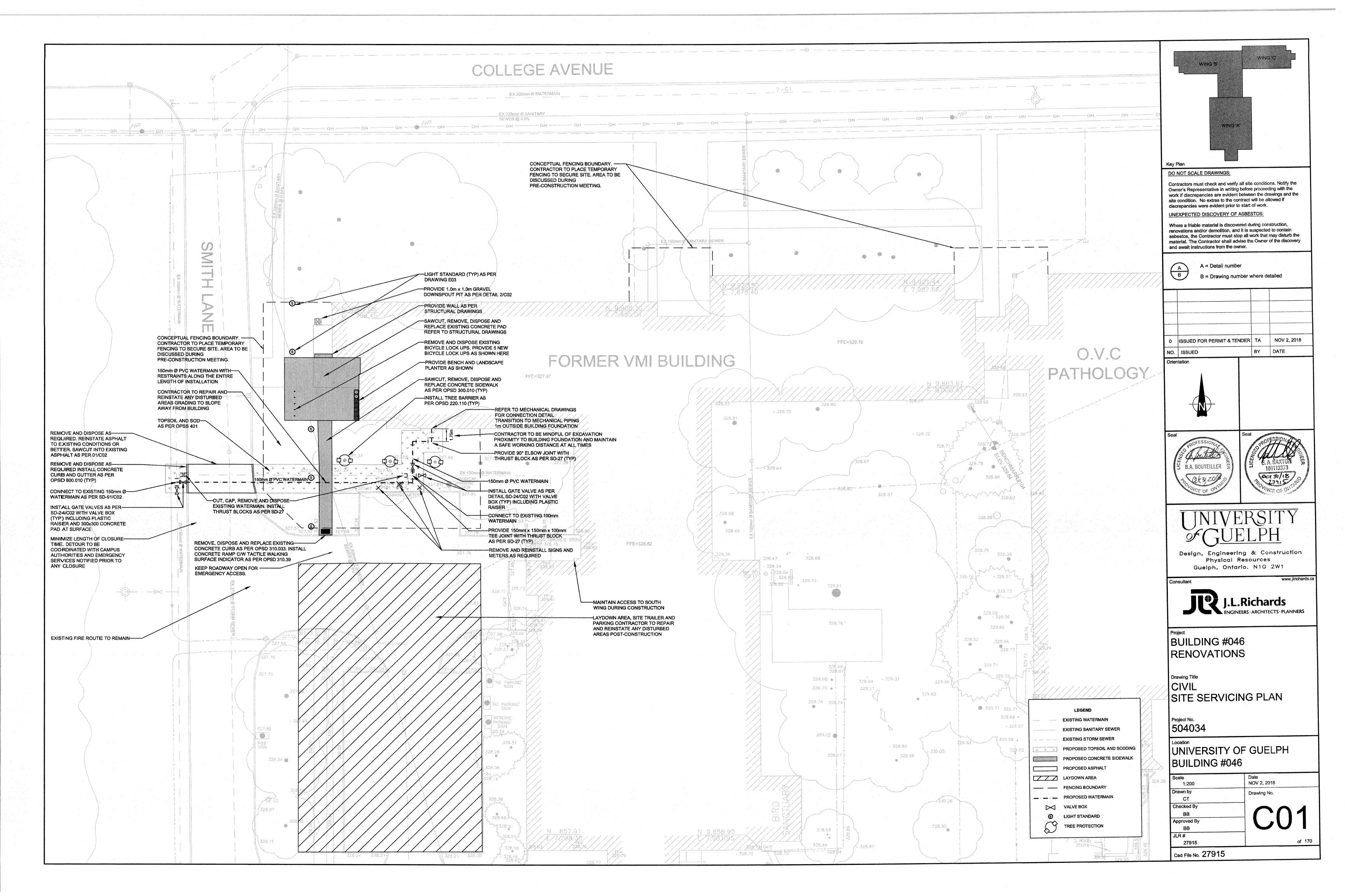
Design, Engineering & Construction Physical Resources Guelph, Ontario. N1G 2W1

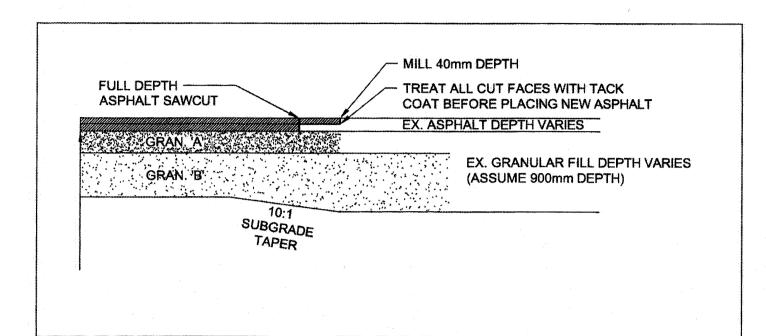
BUILDING #046 RENOVATIONS

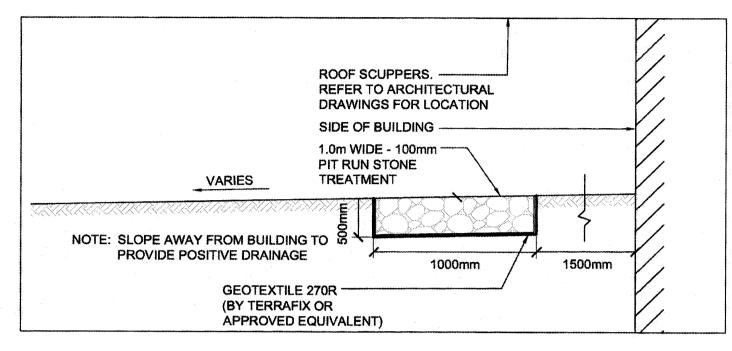
JLR JOB NO. 27915 ISSUED FOR PERMIT & TENDER NOVEMBER 2, 2018

CIVIL DRAWING SET





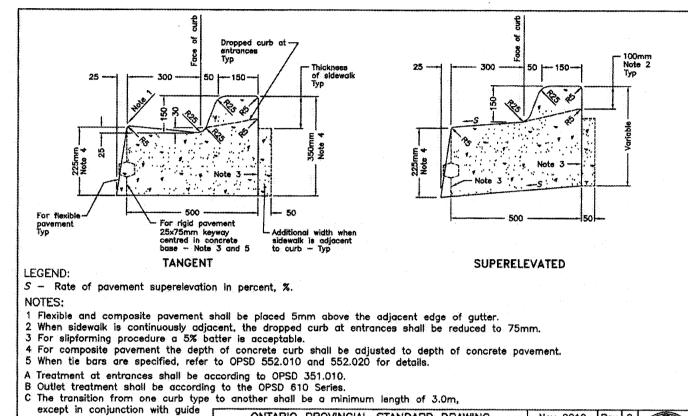




C01

CANOPY DRAINAGE

SCALE: NTS



ONTARIO PROVINCIAL STANDARD DRAWING

CONCRETE BARRIER CURB

WITH STANDARD GUTTER

FILTER FABRIC

HL-8 COARSE AGGREGATE

NOTES:

1. O.D. = OUTSIDE CIAMETER OF BELL END OF PIPE.

2. STONE SIZE WITHIN 300mm OF PIPE SURFACE SHALL
NOT EXCRED 75mm.

3. IN ROCK TRENGHES, BEDDING DEPTH (d) BELOW WATERMAINS
AND SEWER PIPES SHALL BE INCREASED TO 300mm.

4. FOR PURPOSE OF CONTRACT SPECIFICATIONS BEDDING INCLUDES
HAUNCHING & COVER MATERIAL.

5. IN WEIT TRENCH CONDITIONS HL-8 COARSE AGGREGATE MAY BE
USED TO INVER OF PIPE. THE BEDDING BELOW INVERT SHALL
BE WRAPPED IN FILTER FABRIC (TERRAFIX 270 R OR APPROVED
EQUAL) WHERE DIRECTED BY THE ENGINEER.

STANDARD BEDDING FOR

SEWERS AND WATERMAINS

BEDDING FOR RIGID AND FLEXIBLE PIPE SEWERS

WATERMAIN BEDDING

CLASS "B" BEDDING

INCLUSIONE DAMBETER TREGIENCE WESTIN BESCHOOL SECTIVE COVER CHORC SPECIAL SECTION OF (mm) of (mm) of (mm)

MODIFIED CLASS "B" BEDDING (WET, TRENCH CONDITIONS)

SD - 29

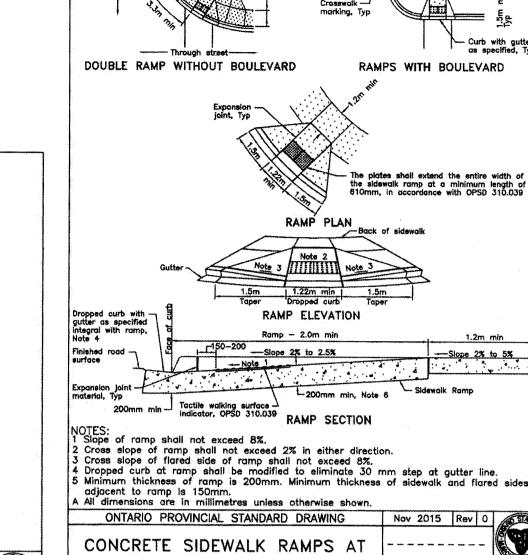
RIGID PIPE

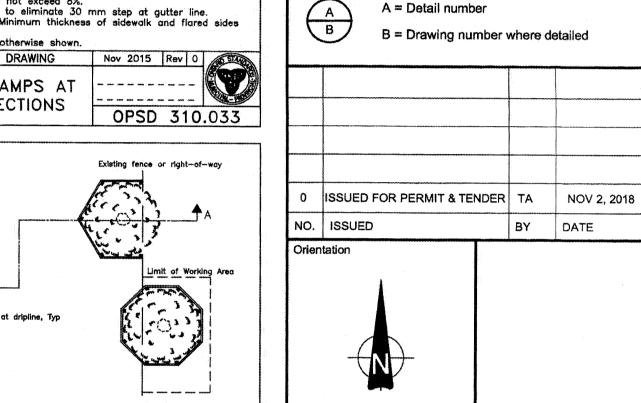
FLEXIBLE PIPE

rail where it shall be according

to the OPSD 900 Series. D All dimensions are in millimetres

unless otherwise shown.





Key Plan

DO NOT SCALE DRAWINGS:

Contractors must check and verify all site conditions. Notify the

Owner's Representative in writing before proceeding with the work if discrepancies are evident between the drawings and the

site condition. No extras to the contract will be allowed if

Where a friable material is discovered during construction,

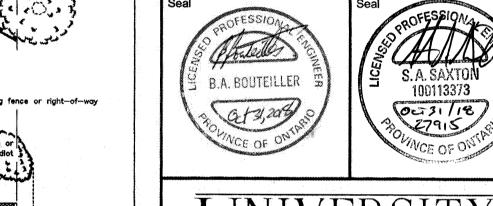
renovations and/or demolition, and it is suspected to contain asbestos, the Contractor must stop all work that may disturb the

material. The Contractor shall advise the Owner of the discovery

discrepancies were evident prior to start of work.

UNEXPECTED DISCOVERY OF ASBESTOS:

and await instructions from the owner.



Consultant



WING 'C'

WING B

Guelph, Ontario. N1G 2W1



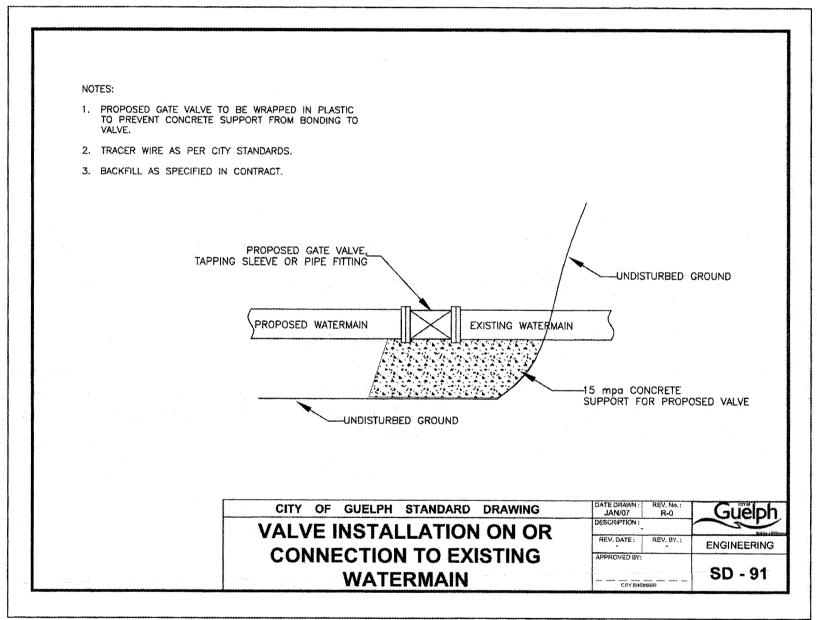
BUILDING #046 RENOVATIONS

Drawing Title CIVIL DETAILS

Project No. 504034

UNIVERSITY OF GUELPH **BUILDING #046**

Scale	Date NOV 2, 2018	
Drawn by CT	Drawing No.	
Checked By		
BB		
Approved By	- (C()2	
ВВ	UUZ	
JLR#		
27915	of 1	



TYPICAL PAVEMENT TRANSITION

SCALE: NTS

