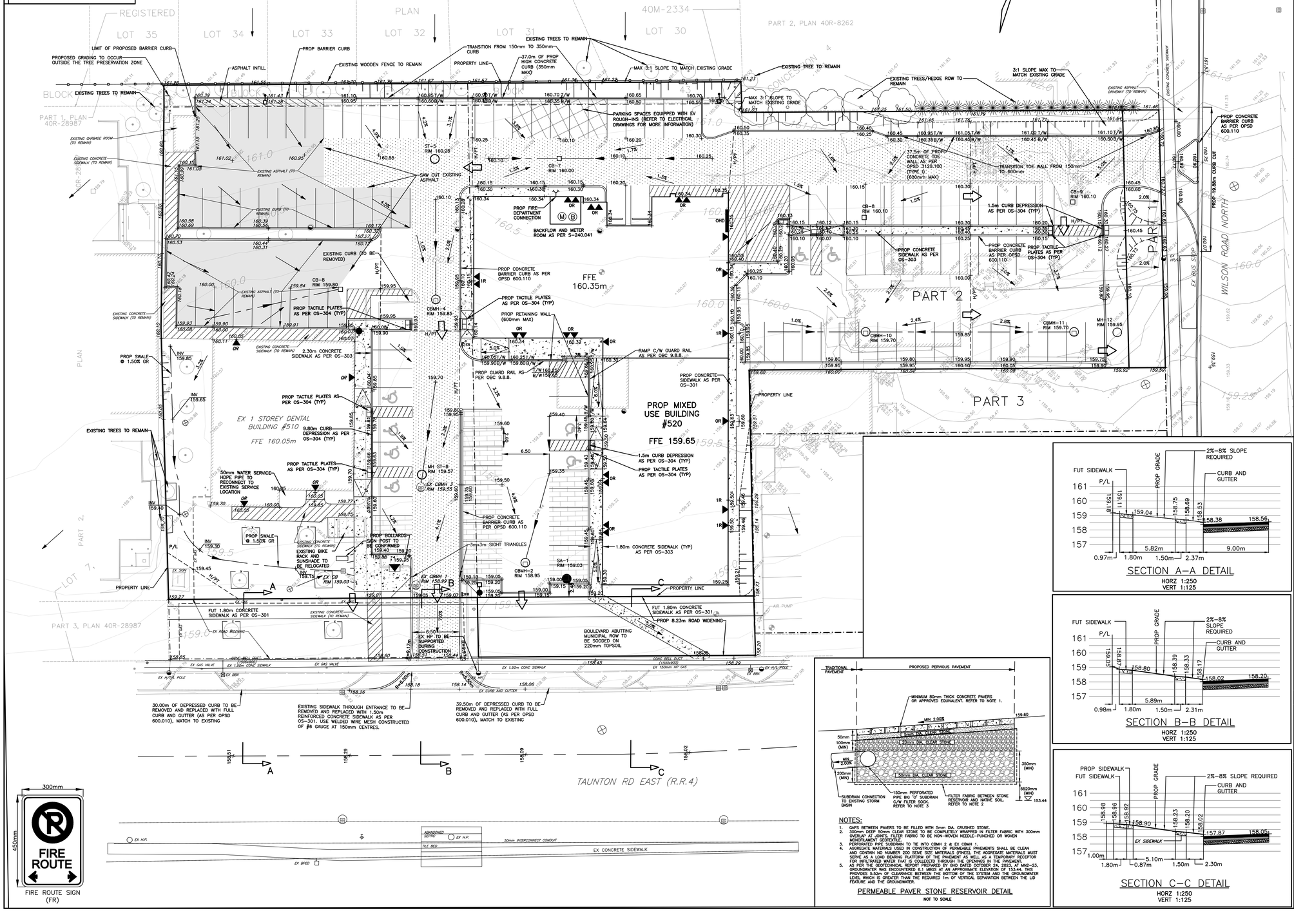


TYPICAL SWALE DETAIL

LANDSCAPE NOTE:

D.G. BIDDLE & ASSOCIATES LIMITED HAVE REVIEWED THE LANDSCAPE PLAN PREPARED BY THE TROPIC DESIGN, JOB NO. 23.54, DRAWING NO. L1.1.

WE HEREBY CONFIRM THAT THE PROPOSED LANDSCAPE WORKS ARE IN CONFORMANCE WITH THIS SITE GRADING PLAN.



FIRE ROUTE SIGN (FR)

NOTES:

1. GAPS BETWEEN PAVERS TO BE FILLED WITH 5mm DIA. CRUSHED STONE.
2. 300mm DEEP 50mm CLEAR STONE TO BE COMPLETELY WRAPPED IN FILTER FABRIC WITH 300mm OVERLAP AT JOINTS. FILTER FABRIC TO BE NON-WOVEN NEEDLE-PUNCHED OR WOVEN MONOFILAMENT GEOTEXTILE.
3. PERFORATED PIPE SUBDRAIN TO TIE INTO CBMH 2 & EX CBMH 1.
4. AGGREGATE MATERIALS USED IN CONSTRUCTION OF PERMEABLE PAVEMENTS SHALL BE CLEAN AND CONTAIN NO NUMBER 200 SIEVE SIZE MATERIALS (FINES). THE AGGREGATE MATERIALS MUST SERVE AS A LOAD BEARING PLATFORM OF THE PAVEMENT AS WELL AS A TEMPORARY RECEPTOR FOR THE INFILTRATING STORM WATER. AGGREGATES SHALL CONFORM TO THE REQUIREMENTS AS PER THE RECOVERABLE SUPPLY REGISTERED MOV ON DATED OCTOBER 2, 2013 AT UNO-03.
5. GROUNDWATER WAS ENCOUNTERED -6.1 MBGS AT AN APPROXIMATE ELEVATION OF 153.44. THIS PROVIDES 5.52m OF CLEARANCE BETWEEN THE BOTTOM OF THE SYSTEM AND THE GROUNDWATER LEVEL WHICH IS GREATER THAN THE REQUIRED 1m OF VERTICAL SEPARATION BETWEEN THE LID FEATURE AND THE GROUNDWATER.

PERMEABLE PAVER STONE RESERVOIR DETAIL

NOT TO SCALE

SECTION A–A DETAIL

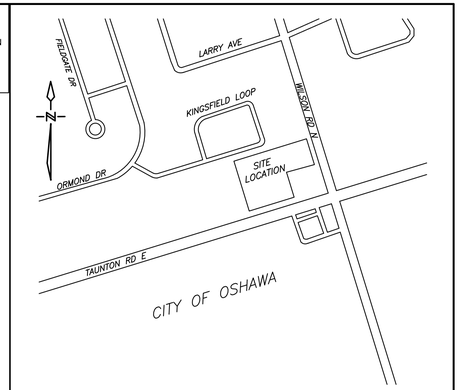
HORZ 1:250
VERT 1:125

SECTION B–B DETAIL

HORZ 1:250
VERT 1:125

SECTION C–C DETAIL

HORZ 1:250
VERT 1:125



KEY PLAN

NOT TO SCALE

BENCH MARK

GEODETIC BENCHMARK: 0011967U023

OSHAWA – TWO–STOREY APARTMENT BUILDING #1610 SIMCOE STREET NORTH, 5.1 KM NORTH OF POST OFFICE, 90 M NORTHWEST OF BRIDGE OVER EAST OSHAWA CREEK, TABLET IN NORTHWEST CONCRETE FOUNDATION WALL, 30 CM FROM NORTH FRONT CORNER, 15 CM BELOW TOP OF FOUNDATION.

DATUM: CGVD2013 – ELEVATION: 139.804

DATUM: CGVD28:78 – ELEVATION: 140.182

LEGEND

ECORASTER PERMEABLE PAVERS (228.00m²)	
ORIGINAL SURVEY ELEVATION	103.15
ORIGINAL ELEVATION TO REMAIN	101.35
PROPOSED ELEVATIONS	103.15
PROPOSED SWALE	
DIRECTION OF DRAINAGE	
DIRECTION OF OVERLAND FLOW	
SITE TRANSFORMER	
TREE PROTECTION FENCING	— x — x —
FIRE ROUTE SIGN	FR
PARKING WITH EV ROUGH–INS	

SITE GRADING NOTES

1. A ROAD OCCUPANCY PERMIT WILL BE REQUIRED FOR ANY WORKS WITHIN THE MUNICIPAL RIGHT OF WAY.
2. ALL WORKS OR RESTORATION WITHIN THE MUNICIPAL RIGHT OF WAY SHALL BE COMPLETED AS PER REGION OF DURHAM FIELD STAFF DIRECTION.
3. THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. CONCERNED UTILITIES TO BE GIVEN ADVANCED NOTICE FOR STAKE OUT. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITIES SHOWN ON THE DRAWINGS.
4. QUANTITIES, DIMENSIONS AND ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR COMMENCING CONSTRUCTION.
5. ALL SLOPES SHALL BE CONSTRUCTED AT 3:1 (MAXIMUM) UNLESS OTHERWISE NOTED ON THE DRAWINGS.
6. ALL SWALES SHALL BE CONSTRUCTED WITH 2% MINIMUM GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. ALL SLOPES, SWALES AND OPEN SPACE AREAS SHALL BE SODDED ON A MINIMUM OF 150mm OF TOPSOIL.
8. ALL DISTURBED AREAS WITHIN ABUTTING MUNICIPAL RIGHT OF WAYS SHALL BE SODDED ON A MINIMUM OF 220mm OF TOPSOIL.
9. HEAVY DUTY DRIVE AISLE SHALL CONSIST OF THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER:
   - –450mm GRANULAR 'B'
   - –150mm GRANULAR 'A'
   - – 50mm HLB BASE ASPHALT
   - – 40mm HL3 SURFACE ASPHALT
10. DRIVE AISLE AND PARKING SPACES SHALL CONSIST OF:
    - – 300mm GRANULAR 'B'
    - – 150mm GRANULAR 'A'
    - – 50mm HLB BASE ASPHALT
    - – 40mm HL3 SURFACE ASPHALT
11. IF ENCOUNTERED, ROOTS ARE TO BE PRUNED AS PER TREE PRESERVATION PLAN T1.1
12. CBMH 1, 2 AND 3 TO BE FITTED WITH GAUZE TRAP

510 & 520 TAUNTON RD E, OSHAWA, ON

SITE GRADING PLAN

D.G. BIDDLE & ASSOCIATES
CONSULTING ENGINEERS & PLANNERS

481 Taunton Rd W. Oshawa ON
150 King St, Peterborough ON

Phone: 905-576-8500

info@dgbiddle.com
dgbiddle.com

SCALE:	1:250	PROJECT NO.	116176
DRAWN BY:	C.P.J.	DRAWING NO.	SG–1
DESIGN BY:	C.P.J.		
CHECKED BY:	M.B.C.		
DATE:	JUN 2026		

X:\STAFF\USR FILES\116000\116176 510 TAUNTON ROAD\116176 DRAWINGS\116176 ENGINEERING DRAWINGS\116176-SG-20260930-SITE PLAN -FUTURE PARKING.DWG
02/10/2026