

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH TOWN OF THE BLUE MOUNTAINS STANDARDS AND OPSS. WHERE INCONSISTENCY OCCURS, TOWN STANDARDS GOVERN.
3. CLEAR STONE SWAPPED IN FILTER FABRIC MAY BE SUBSTITUTED FOR PIPE BEDDING MATERIAL IF APPROVED BY THE ENGINEER.
4. DEWATERING TO BE CARRIED OUT IN ACCORDANCE WITH OPSS-517 AND 518. THE OWNER IS RESPONSIBLE FOR OBTAINING DEWATERING PERMITS AS REQUIRED TO MAINTAIN DRY TRENCH CONDITIONS.
5. UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE HYDRO ONE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
6. HYDRO POLES TO BE SUPPORTED AND PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION AS DIRECTED BY WASAGA DISTRIBUTION INC. AND BELL CANADA.
7. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH UTILITIES WHICH MAY ALSO BE UNDER CONSTRUCTION.
8. EXISTING GAS MAIN TO BE PROTECTED IN ACCORDANCE WITH ENBRIDGE GAS SPECIFICATIONS.
9. ALL EXISTING PAVED PRIVATE ENTRANCES TO BE REINSTATED WITH 50mm HL3 SURFACE COURSE AND 150mm GRANULAR 'A' BASE TO LIMITS OF CONSTRUCTION.
10. ALL EXISTING GRAVEL OR GRASSED PRIVATE ENTRANCES TO BE REINSTATED WITH 150mm GRANULAR 'A' BASE TO LIMITS OF CONSTRUCTION AND 50mm HL3 TO 2.8m BEHIND CURB.
11. ALL COMMERCIAL ENTRANCES TO BE REINSTATED WITH 50mm HL3 SURFACE COURSE, MATCH EXISTING ASPHALT BASE COURSE(S), 150mm GRANULAR 'A' BASE AND 150mm GRANULAR 'B' SUBBASE TO LIMITS OF CONSTRUCTION.
12. JOINTS WITH EXISTING ASPHALT TO BE SAW CUT PRIOR TO PLACING NEW ASPHALT; DENSO REINSTATEMENT TAPE SHALL BE USED AT THE JOINT. SURFACE ASPHALT JOINTS TO HAVE MIN. 0.5m WIDE LAP JOINT.
13. ALL BOULEVARDS AND DISTURBED AREAS TO HAVE 100mm SCREENED TOPSOIL AND NURSERY SOD UNLESS OTHERWISE NOTED.
14. PAVED BOULEVARD AREAS TO BE REINSTATED WITH 50mm HL3 SURFACE COURSE ASPHALT AND 150mm GRANULAR 'A' WHERE NOTED.
15. ACCESS TO BUSINESS AND RESIDENTIAL PROPERTIES MUST BE MAINTAINED AT ALL TIMES.
16. THE CONTRACTOR MUST GIVE MIN. 72 HOURS NOTICE (DURING COVID-19) TO THE TOWN OF THE BLUE MOUNTAINS PUBLIC WORKS DEPARTMENT THROUGH THE TOWN ENGINEER FOR OFFICIALS TO BE PRESENT FOR THE OPERATION OF VALVES, TESTING, DISINFECTION AND CONNECTION OF WATER MAIN AND TESTING OF SEWERS.
17. EARTH FILL MATERIAL UP TO AND INCLUDING SUBGRADE TO BE COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD). GRANULAR BASE AND SUB-BASE TO BE COMPACTED TO 100% SPMDD. HOT-MIX ASPHALT TO BE COMPACTED TO 97% SPMDD.
18. MINIMUM VERTICAL SEPARATION TO MEET MECP GUIDELINES AT CROSSINGS.
19. TRENCH BACKFILL (TO OPSD - 802.010) TO BE SELECT NATIVE SAND OR IMPORTED SELECT SUBGRADE.
20. PIPE COVER TO BE SELECT NATIVE SAND OR IMPORTED SELECT SUBGRADE WITH NO AGGREGATE LARGER THAN 25mm.
21. ALL ENGINE DRIVEN PUMPS TO BE ADEQUATELY SILENCED, SUITABLE FOR OPERATION IN A RESIDENTIAL DISTRICT.
22. DISTURBED AREAS TO BE REINSTATED TO PREVIOUS CONDITION OR BETTER.
23. UNLESS OTHERWISE IDENTIFIED, ALL MANHOLES ARE 1200mm DIAMETER.
24. MANHOLE FRAMES AND COVERS ARE TO BE SET TO BASE COURSE HL8 ASPHALT ELEVATION AND RAISED BY ADDING PRE-CAST CONCRETE ADJUSTMENT UNITS PRIOR TO PLACING SURFACE COURSE HL3 ASPHALT. (OPSD 704.010).
25. TRENCHES FOR UTILITIES TO BE MINIMUM 600mm WIDE BACKFILLED WITH APPROVED NATIVE GRANULAR MATERIAL OR IMPORTED SELECT SUBGRADE AND COMPACTED ALL TO THE SATISFACTION OF WASAGA HYDRO AND THE ENGINEER.

SANITARY SEWER AND SANITARY FORCE MAIN:

1. ALL MATERIALS SHALL BE CSA CERTIFIED.
2. SANITARY SEWER TO BE SDR 35 PVC, SDR 28 PVC FOR DEPTHS GREATER THAN 8.0m.
3. BEDDING AND BACKFILL AS PER OPSD-802.010 (TYPE 3 SOIL) USING GRANULAR 'A' COMPACTED TO 95% MAXIMUM DRY DENSITY. SELECT NATIVE SAND MAY BE USED FOR BACKFILL COMPACTED TO 95% MAXIMUM DRY DENSITY IF APPROVED BY THE ENGINEER.
4. 125mmØ AND 150mmØ SANITARY SERVICE LATERALS TO BE SDR 28 PVC PIPE. CLEANOUT TO BE INSTALLED AT ALL 125mmØ SERVICES OVER 15m IN LENGTH AND AT ALL 150mmØ SERVICE CONNECTIONS. 200mmØ CLEANOUT CHAMBER AT PROPERTY LINE.
5. LOT SERVICE LOCATIONS TO BE VERIFIED BY CONTRACTOR.
6. MH'S PER OPSD-701.010 WITH FROST STRAPS PER OPSD 701.100 WITH "QUICK ANCHORED" BOLTS.
7. FRAMES AND COVERS PER OPSD-401.010 TYPE 'A' CLOSED COVER.
8. MH BENCHING PER OPSD-701.021 AND STEPS PER OPSD-405.010 CIRCULAR ALUMINUM.
9. SANITARY SEWER TESTING SHALL INCLUDE INFILTRATION, EXFILTRATION, DEFLECTION (MANDREL) AND CCTV.
10. ALL WORK TO BE IN ACCORDANCE WITH OPSS 410.
11. SAFETY PLATFORM TO OPSD 404.020.

WATER MAIN:

1. ALL MATERIALS TO MEET NSF 60, 61 AND 372.
2. ALL WATER MAIN TO HAVE MINIMUM 1.7m COVER OR APPROVED EQUIVALENT FROST PROTECTION WITH INSULATION.
3. BEDDING AND BACKFILL IN ACCORDANCE WITH OPSS-701.
4. ALL WATER MAIN AND RELATED MATERIALS TO MEET THE TOWN'S NEW MATERIAL LIST.
5. PVC PIPE INSTALLATION TO INCLUDE 12AWG TWH SOLID PLASTIC COVERED TRACER WIRE, TWU 75°C 600V OR APPROVED EQUAL. TRACER WIRE CONTINUITY MUST BE TESTED BY THE CONTRACTOR AND CONNECTIVITY CONFIRMED BY THE TOWN.
6. CATHODIC PROTECTION TO BE PROVIDED IN ACCORDANCE WITH TOWN STANDARD AND TO INCLUDE ZINC CAPS ON ALL FASTENERS.
7. CLASS 'B' BEDDING AS PER OPSD-802.030 (RIGID PIPE) OR BEDDING AS PER OPSD-802.010 (FLEXIBLE PIPE) USING GRANULAR 'A'.
8. THRUST PROTECTION SHALL BE PROVIDED USING MECHANICAL JOINT FITTINGS AND RESTRAINERS.
9. VALVES TO BE MUELLER '55' RESILIENT SEATED OR APPROVED EQUAL, LEFT HAND OPENING COMPLETE WITH SLIDE TYPE VALVE BOXES 125mm DIA. WITH LIDS MARKED WATER.
10. WATER SERVICES TO BE PE160 OR TYPE 'K' COPPER COMPLETE WITH MAIN STOP;
MAIN STOP (CANADIAN BRASS 102 COMPRESSION, MUELLER H15008 OR EQUAL),
19mmØ CURB STOP (MUELLER H15008 COMPRESSION OR EQUAL), 25mmØ CURB STOP (MUELLER MARK II ORISEAL), SERVICE BOXES (MUELLER A-728 AS PER OPSD-1104.010).
SERVICES TO INCLUDE TRACER WIRE TO PROPERTY LINE AND BROUGHT TO SURFACE ON THE OUTSIDE OF THE WATER VALVE.
11. WHERE RESIDENTIAL WATER SERVICES ARE TO BE ABANDONED, EXPOSE MAIN STOP, CLOSE AND DISCONNECT SERVICE PIPE, AND SALVAGE THE CURB STOP AND RETURN TO PUBLIC WORKS YARD.
12. ALL WATER MAINS AND SERVICES SHALL BE BACKFILLED WITH APPROVED SITE MATERIAL.
ALL BACKFILL SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY AS PER OPSS 514.
ALL GRANULAR ROAD BASE SHALL BE COMPACTED TO 100% MAXIMUM DRY DENSITY.
13. EXISTING SERVICE LOCATIONS TO BE VERIFIED IN THE FIELD.
14. HYDRANT TO BE CANADA VALVE "CENTURY" TYPE AKV 2780, OR CLOW "PREMIER D-67-M" WITH MECHANICAL JOINT ENDS WITH 2-50mm PORTS AND FACTORY INSTALLED STORZ FITTING PER OPSD-1105.010, INCLUDING GALVANIZED CHAIN CONNECTION FOR CAPS AND HAVE A FLEXSTAKE KYDRANT MARKER AS PER TOWN OF BLUE MOUNTAIN STANDARDS.
15. WATERMAIN COMMISSIONING TO CONFORM TO THE TOWN'S WATERMAIN COMMISSIONING PROTOCOL.
16. MINIMUM VERTICAL SEPARATION 500mm BETWEEN WATER MAINS AND SEWERS.
MINIMUM HORIZONTAL SEPARATION OF 2.5m BETWEEN WATER MAINS AND SEWERS.
17. WATER MAINS SHALL BE SWABBED, FLUSHED, DISINFECTED AND TESTED IN ACCORDANCE WITH OPSS 701 WITH TOWN OFFICIALS PRESENT.
18. DISINFECTING OF WATER MAINS SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF AWWA C651-05 SPECIFICATIONS.
19. MIN. 50mmØ BLOWOFF TO BE USED PER OPSD 1104.030. MECHANICAL THRUST RESTRAINERS SHALL BE USED AT ALL VALVES AND FITTINGS.
20. SERVICE CONNECTION TO OPSD 1104.010. CONCRETE SLAB UNDER CURB STOP TO BE MINIMUM 600x600mm AND INCLUDE 2"x4" MARKER PAINTED BLUE.
21. ALL PIPE JOINTS IN HYDRANT LEADS TO BE RESTRAINED.
22. ALL PIPE WATER SERVICE PIPE JOINTS TO BE RESTRAINED.

STORM SEWER

1. ALL MATERIALS SHALL BE CSA CERTIFIED.
2. STORM SEWER SHALL BE CONCRETE 100-D, OR PVC 320 KPa PIPE STIFFNESS.
3. BEDDING AS PER OPSD-802.031 FOR RIGID PIPE OR BEDDING AS PER OPSD-802.010 (TYPE 3 SOIL) FOR FLEXIBLE PIPE. SELECT NATIVE SAND COMPACTED TO 95% MAXIMUM DRY DENSITY MAY BE USED FOR COVER MATERIAL IF APPROVED BY THE ENGINEER.
4. CATCHBASINS & MANHOLES TO BE BACKFILLED WITH SELECT NATIVE MATERIAL AND COMPACTED TO 95% MAXIMUM DRY DENSITY.
5. MH AND CBMH TO OPSD 701.010, 701.011, 701.012, 701.013, 701.030, 701.040, 701.050 OR 701.060.
6. CB'S TO OPSD 705.010 OR 705.020, WITH 600mm SUMP.
7. PIPE SUPPORT AT MH, CBMH AND CB TO OPSD 708.020.
8. PROTECTION DURING CONSTRUCTION TO OPSD 808.010.
9. STEPS AS PER OPSD-405.010 HOLLOW CIRCULAR ALUMINUM.
10. CATCHBASIN LEADS: - 300mm DIA. FOR SINGLE AND DOUBLE CATCHBASINS.
11. CATCHBASIN FRAMES AND COVERS PER OPSD 400.020.
12. STORM SEWER SHALL BE CCTV INSPECTED.
13. ALL WORK TO BE IN ACCORDANCE WITH OPSS 410.
14. DITCHES/SWALES CONSTRUCTED AT LESS THAN 1% SHALL HAVE MIN. 150mmØ SUBDRAIN, BEDDED IN A 300x300mm CLEAR STONE TRENCH AND WRAPPED IN FILTER FABRIC. (SEE DETAIL ON DE-2).

SEDIMENT & EROSION CONTROL NOTES:

1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. SEDIMENT AND EROSION CONTROL MEASURES THAT ARE DESIGNED TO CONTROL RUNOFF FROM SPECIFIC AREAS MUST BE INSTALLED PRIOR TO ANY DISTURBANCE OF THAT PART OF THE SITE.
2. THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES. SUCH MEASURES MUST BE PRESENTED IN WRITING FOR APPROVAL OF THE TOWN ENGINEER AND THE GREY SAUBLE CONSERVATION AUTHORITY.
3. THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGH WATER, EXTREME RAINFALL EVENTS, ETC.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED BY THE ENGINEER BI-WEEKLY AND AFTER EACH MAJOR STORM EVENT. INSPECTION REPORTS TO BE FORWARDED TO THE TOWN ENGINEER BI-WEEKLY. AREAS THAT ARE UNDEVELOPED FOR AN EXTENDED PERIOD OF TIME SHALL BE RE-VEGETATED WITH TOPSOIL AND HYDRAULIC SEED AND MULCH AS DIRECTED BY THE TOWN.

ROADWAY:

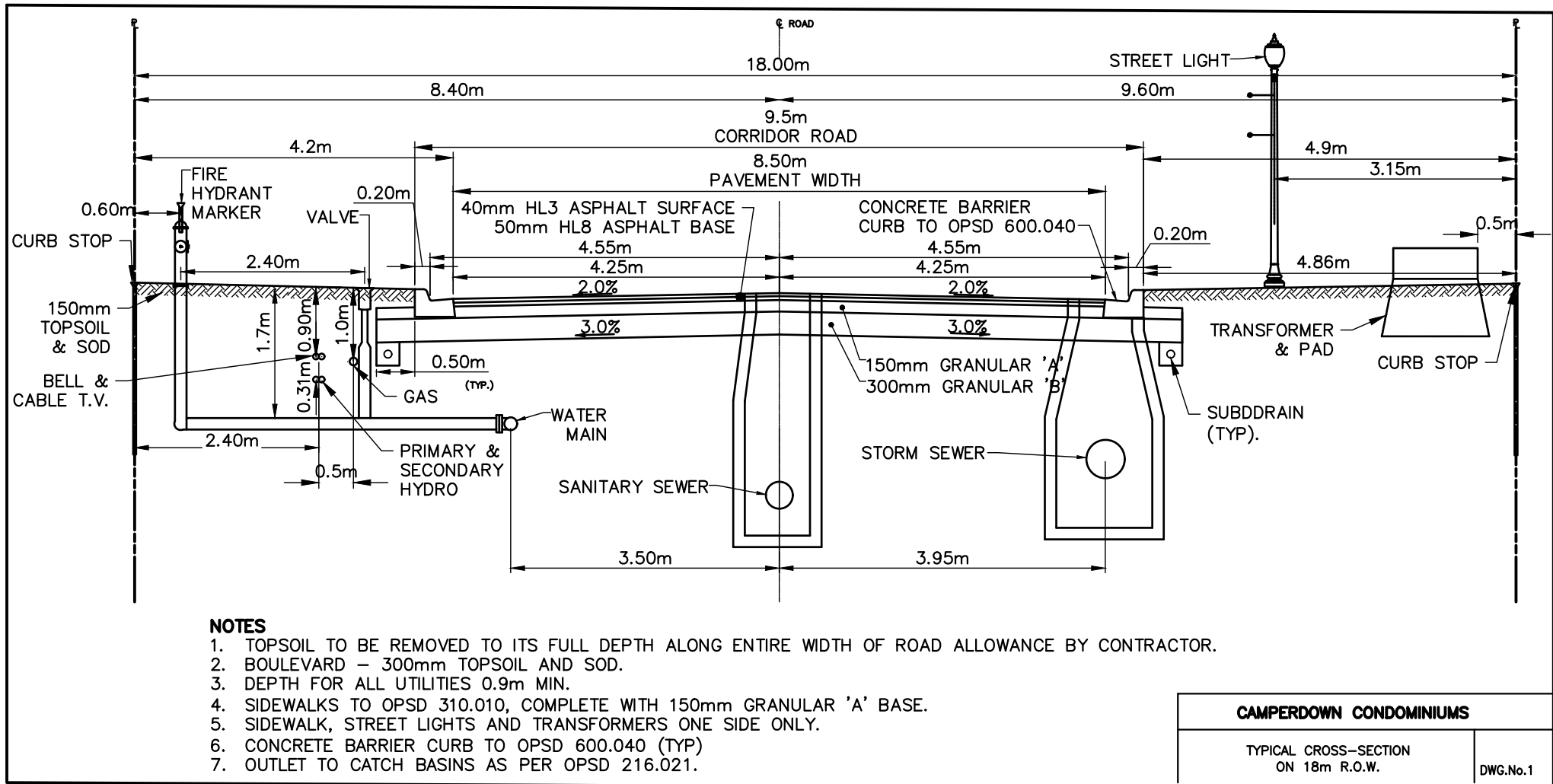
1. STOP SIGNS AND STREET SIGNS TO TOWN STANDARD. HIGH INTENSITY REFLECTIVE GRADE FINISH.
2. SUBGRADE TO BE COMPACTED TO A MINIMUM DRY DENSITY OF 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD).
3. GRANULAR 'A' AND 'B' BASE TO BE COMPACTED TO 100% OF MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD).
4. BOULEVARD COMPACTION TO 95% OF MATERIAL'S SPMDD.
5. ROAD SURFACES TO BE BUILT TO TOWN OF THE BLUE MOUNTAINS ENGINEERING STANDARDS.
6. CURBS TO OPSD 600.040.
7. ROAD CUTS AND SECTIONS MATCHING EXISTING ASPHALT TO HAVE DENSO REINSTATEMENT TAPE OR APPROVED EQUIVALENT AT SURFACE ASPHALT JOINT.
8. UTILITY PEDESTALS TO BE INSTALLED AT 300mm FROM PROPERTY LINE OR BESIDE HYDRO TRANSFORMERS AS APPLICABLE.
9. CONCRETE SIDEWALK TO OPSD 310.010.
CONCRETE SIDEWALK RAMPS AT INTERSECTIONS TO OPSD 310.033 AND 310.039.

MATERIALS:

1. ALL MATERIALS TO BE CSA CERTIFIED.
2. SANITARY SEWER - SDR-35 PVC, SDR-28 PVC DEPTHS GREATER THAN 8.0m.
3. SANITARY SERVICES - SDR28 PVC C/W 200mmØ CLEANOUT CHAMBER AT PROPERTY LINE AS PER TOWN OF THE BLUE MOUNTAINS STANDARDS.
4. SANITARY FORCEMAIN - 350mmØ PE DR11, 150mmØ PE DR11.
5. STORM SEWER - PVC DR35 OR CONCRETE CLASS 100-D.
CSP CULVERTS - 2mm THICKNESS
6. WATERMAIN - DR18 PVC INCLUDING 12 AWG TWH TRACER WIRE TO MEET NSF 60, 61 & 372.
7. WATERMAIN SERVICES - 19mmØ PE-160.
8. VALVES - RESILIENT SEAT "OPEN LEFT" WITH MECHANICAL JOINT ENDS WITH CAN VAL 55L 1.2m SLIDING VALVE BOX FOR VALVES LESS THAN 450ø.
9. HYDRANTS ARE TO BE CANADA VALVE - CENTURY TYPE.
10. HYDRANTS TO BE PAINTED YELLOW BARREL WITH SILVER TOP AND CONNECTION CAPS.
11. STREET AND TRAFFIC SIGNS TO TOWN STANDARD. HIGH INTENSITY REFLECTIVE GRADE FINISH.
12. PERFORATED PIPE SUBDRAINS - BIG-O WITH GEOTEXTILE FILTER SOCK.
13. FILTER FABRIC - TERRAFIX 270 R FOR SLOPE STABILIZATION
- TERRAFIX 240 R FOR WRAP ON PERFORATED PIPE SUBDRAINS.
14. WATERMAIN SERVICES CURB STOPS - MUELLER H15219 OR H15217.

MECHANICAL RESTRAINT:

1. ALL TEES, BENDS, DEAD ENDS, VALVES AND REDUCERS ARE TO BE RESTRAINED WITH MECHANICAL JOINT RETAINER GLANDS AND BELL RESTRAINT HARNESSSES, FIELD LOCK GASKETS OR OTHER ENGINEER APPROVED METHODS IN ACCORDANCE WITH TABLE 1.
2. THRUST BLOCKS AS A METHOD OF RESTRAINT WILL BE USED ONLY AT THE DIRECTION OF THE ENGINEER. UNLESS DIRECTED OTHERWISE, ALL RESTRAINED JOINTS SHALL BE MECHANICAL.
3. TABLE 1 (SEE DE-1) HAS BEEN DEVELOPED BASED ON THE FOLLOWING CRITERIA:
 - INTERNAL PRESSURE: 1035 kPa (150 PSI)
 - PIPE DEPTH: 1.7m DEPTH
 - BEDDING MATERIAL: SAND
 - SAFETY FACTOR: 1.5
 - TRENCH TYPE: 5
4. SEE FIGURES 1 THROUGH 5 (SEE DE-1) FOR GRAPHIC DEFINITION OF THE LETTER 'R' (LENGTH OF PIPE RESTRAINT) VALUE GIVEN IN TABLE 1.
5. PIPE RESTRAINT FOR VALVES SHALL BE A MINIMUM OF THE FOLLOWING:
 - RESTRAINED TO THE NEAREST FITTING (BEND, TEE OR CROSS)
 - RESTRAINED TO A DISTANCE EQUAL TO THAT FOR A DEAD END (IF REQUIRED TO WITHSTAND TEST PRESSURE)
 - RESTRAINED TO A DISTANCE 1/2 (50%) OF THAT FOR A DEAD END FOR VALVES THAT ARE NOT TO BE TESTED AGAINST. (BASED ON AN INTERNAL DESIGN PRESSURE OF 75 PSI)
 - RESTRAINED TO THE LIMITS OF THE PROJECT



DISCLAIMER AND COPYRIGHT

CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED.

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BENCHMARKS

TBM1 - ELEVATION 211.950
LOCATED AT THE SOUTH WEST CORNER OF LOT 11.

NOTES

LEGAL SURVEY, TOPOGRAPHIC INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM A SURVEY PLAN PREPARED BY ZUBEK, EMO, PATTEN & THOMSEN, WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA.

No.	REVISION DESCRIPTION	DATE	ENGINEER STAMP
1.	SUBMISSION FOR DRAFT PLAN APPROVAL	NOV/2019	
2.	SUBMISSION FOR DRAFT PLAN APPROVAL	JUNE/2020	
3.	TOWN COMMENTS	OCT/2020	

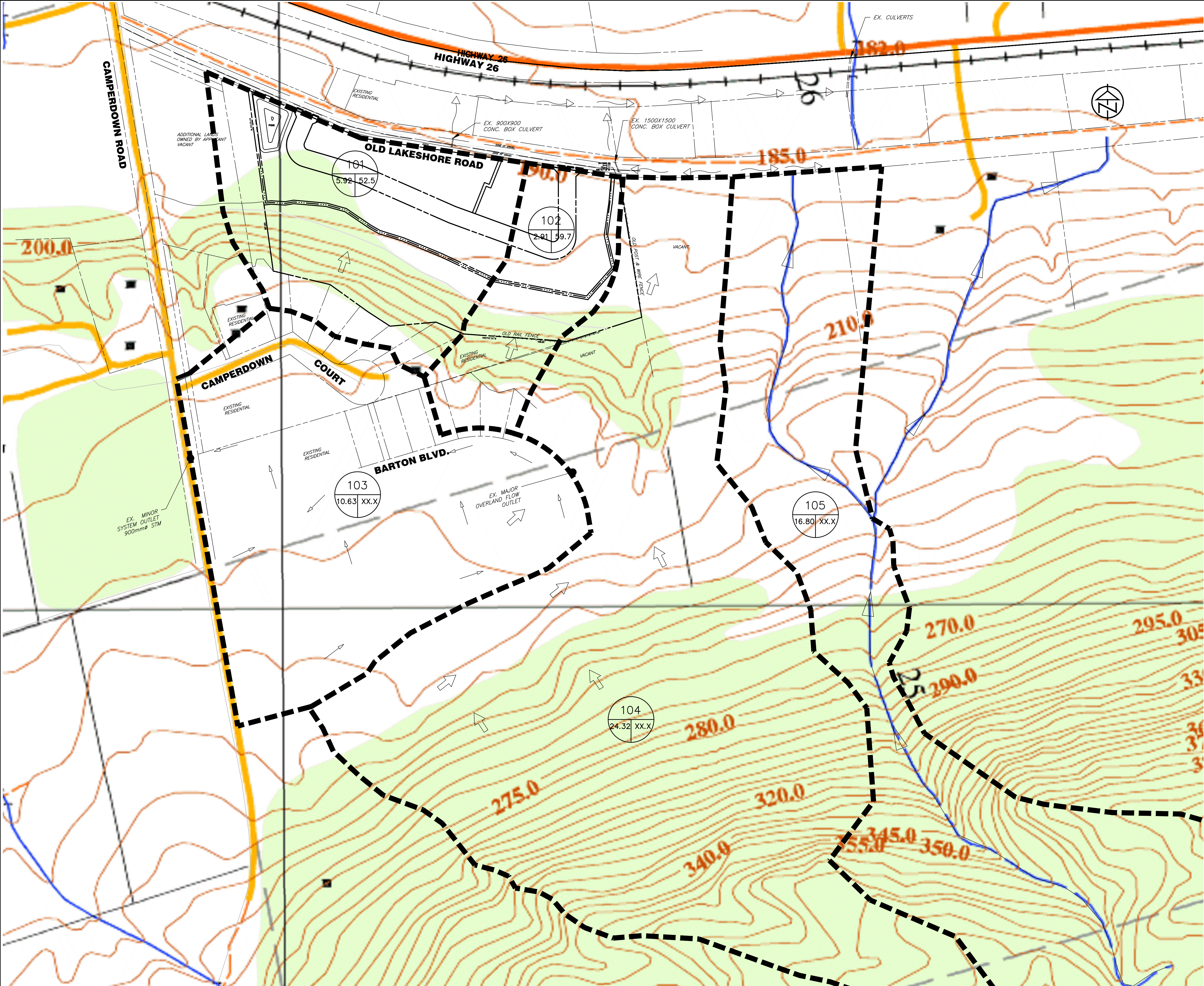


CAMPERDOWN CONDOMINIUMS
TOWN OF THE BLUE MOUNTAINS

TATHAM
ENGINEERING

DETAILS & NOTES

DESIGN: AS	FILE: 117304	DWG:
DRAWN: RD/AC	DATE: DEC., 2017	DE-1
CHECK: RS	SCALE: 1:75	



KEY PLAN
N.T.S.

LEGEND

- PROPERTY LINE
- EXISTING EDGE OF ASPHALT
- EXISTING DRAINAGE BOUNDARY
- EXISTING DRAINAGE AREA ID
- EXISTING DRAINAGE AREA (ha)
- EXISTING CN
- EXISTING MAJOR/OVERLAND FLOW DIRECTION
- EXISTING SWALE/DITCH
- EXISTING WATER COURSE
- EXISTING MINOR STORM FLOW DIRECTION

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BENCHMARKS
TBM1 - ELEVATION 211.950
TOP NUT FIRE HYDRANT LOCATED AT THE SOUTH WEST CORNER OF LOT 11.

NOTES
LEGAL SURVEY, TOPOGRAPHIC INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM A SURVEY PLAN PREPARED BY ZUBEK, EMO, PATTEN & THOMSEN, WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA.

No.	REVISION DESCRIPTION	DATE
1.	SUBMISSION FOR DRAFT PLAN APPROVAL	NOV/2019
2.	SUBMISSION FOR DRAFT PLAN APPROVAL	JUNE/2020

ENGINEER STAMP



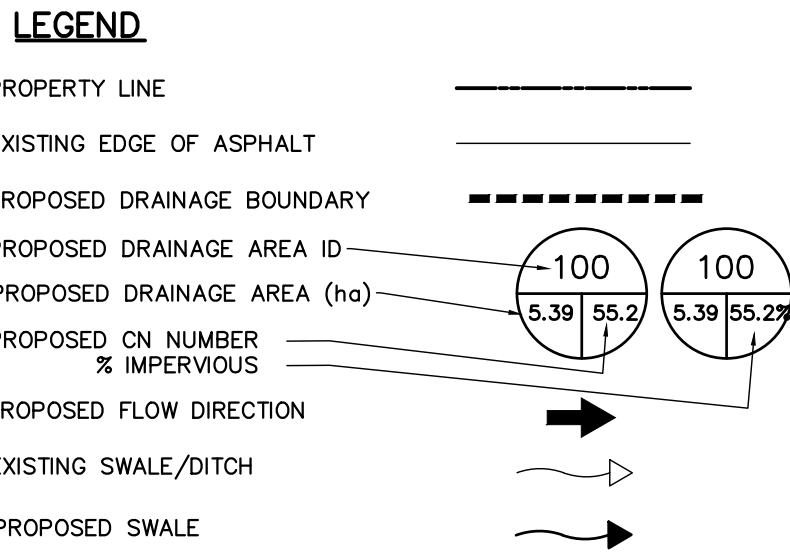
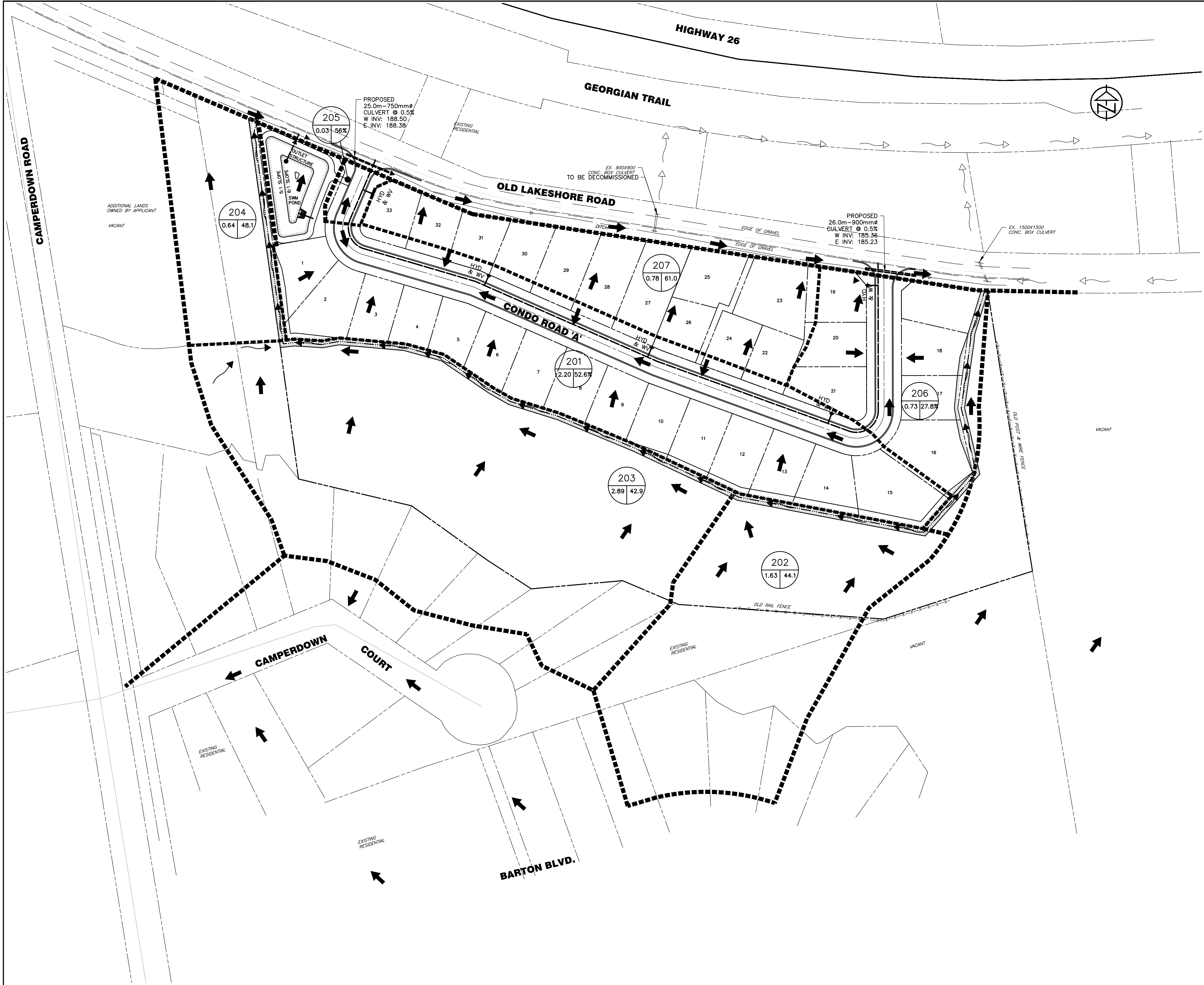
CAMPERDOWN CONDOMINIUMS
TOWN OF THE BLUE MOUNTAINS



PRE-DEVELOPMENT
DRAINAGE PLAN

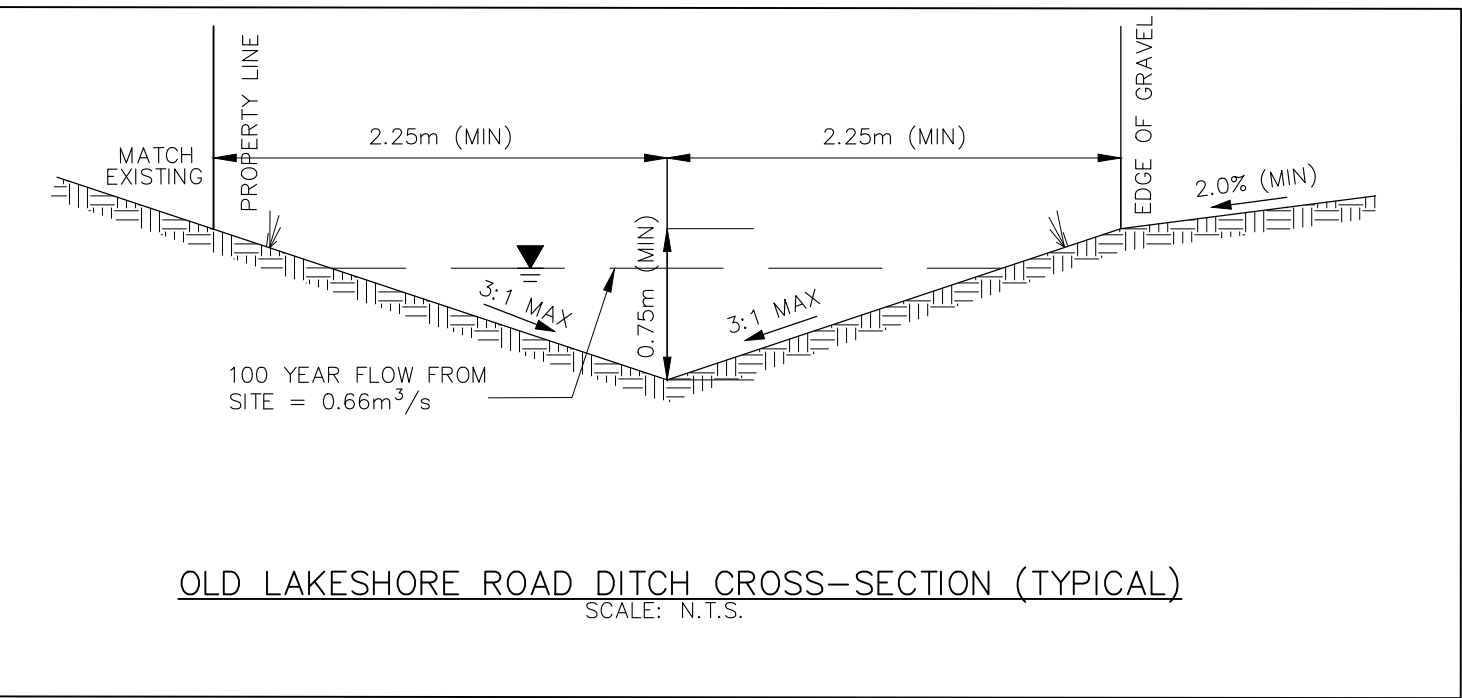
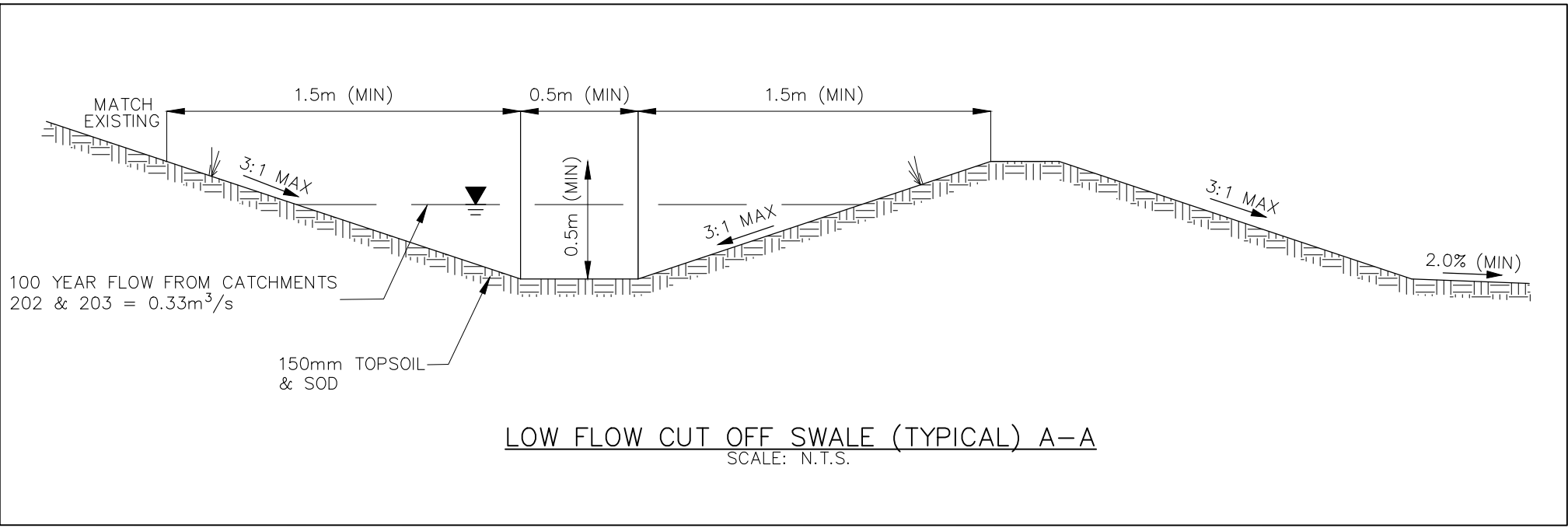


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DP-1



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			1.	SUBMISSION FOR DRAFT PLAN APPROVAL	NOV/2019					
			2.	SUBMISSION FOR DRAFT PLAN APPROVAL	JUNE/2020					
			3.	TOWN COMMENTS	OCT/2020					
POST-DEVELOPMENT DRAINAGE PLAN										
							DESIGN: AS	FILE: 117304	DWG:	
							DRAWN: RD/AC	DATE: DEC., 2017	DP-2	
							CHECK: RS	SCALE: 1:1000		



LEGEND		
PROPERTY LINE	---	
PROPOSED CENTERLINE ROAD	---	
EXISTING EDGE OF GRAVEL ROAD	---	
PROPOSED OVERLAND FLOW DIRECTION	→	
PROPOSED/EXISTING ELEVATIONS	190.00 190.00	
PROPOSED SWALE	→	
PROPOSED GRADE/DIRECTION	1.0%	



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			<div>2.</div>	<div>SUBMISSION FOR DRAFT PLAN APPROVAL</div>	<div>JUNE/2020</div>						
			<div>3.</div>	<div>TOWN COMMENTS</div>	<div>OCT/2020</div>						

TABLE 'A'		
AREA ID	AREA (ha)	RESIDENTIAL UNITS
101	0.50	5
102	0.46	4
103	0.09	1
104	0.86	8
105	2.00	20
106	1.74	17
107	0.56	5
108	1.69	0
109	0.45	4
111	0.23	0
112a	0.48	2
112b	0.34	2
TOTAL 'A'	9.40	68

TABLE 'B'		
AREA ID	AREA (ha)	RESIDENTIAL UNITS
120b	0.38	2
121	0.30	3
122	0.29	0
123	1.25	12
TOTAL 'B'	2.22	17



KEY PLAN
N.T.S.

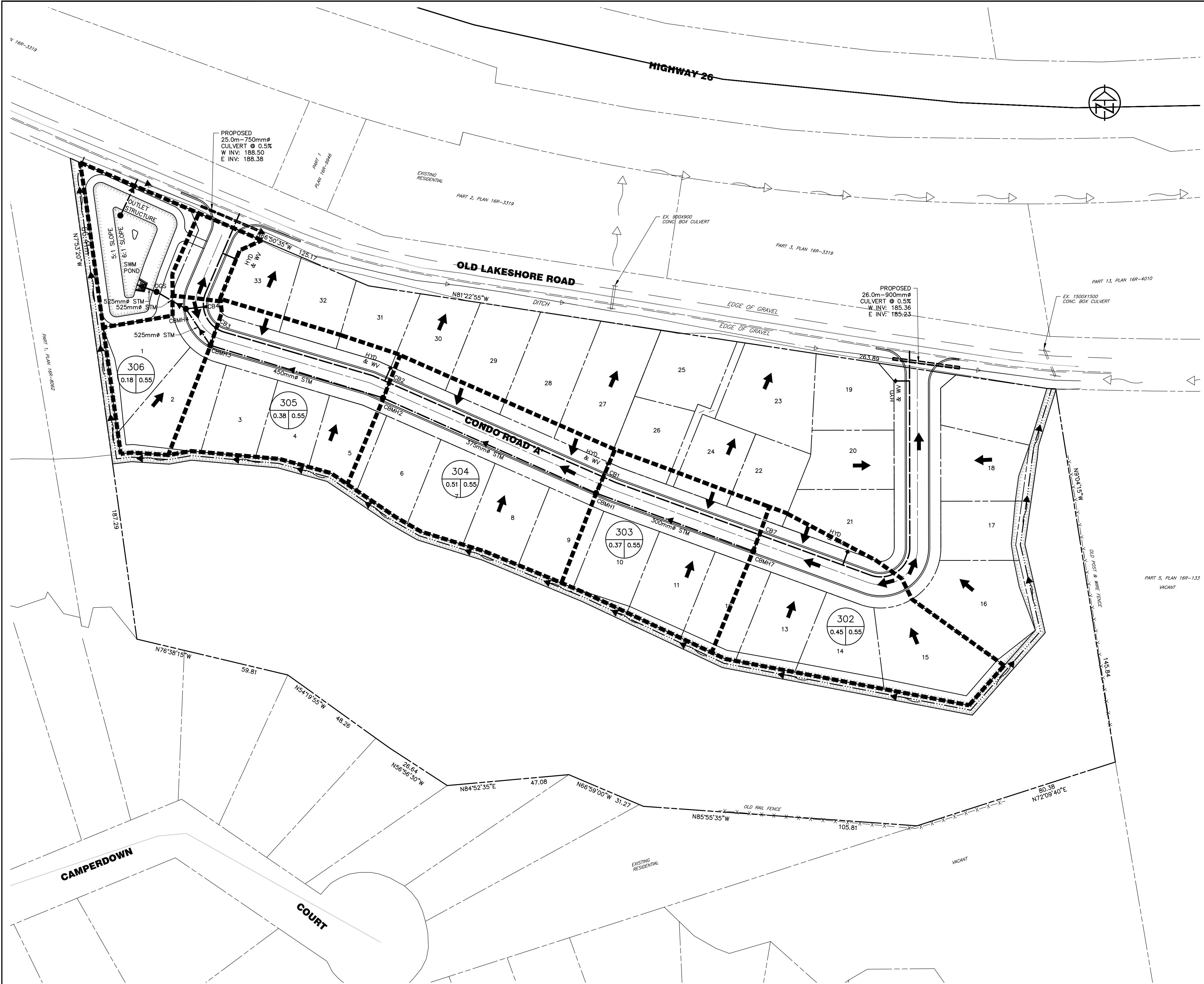


LEGEND

- PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING EDGE OF ASPHALT
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER/SIZE/FLOW
- EXISTING SANITARY MAINTENANCE HOLE
- PROPOSED SANITARY MAINTENANCE HOLE
- PROPOSED AREA BOUNDARY
- PROPOSED AREA ID
- PROPOSED AREA (ha)
- RESIDENTIAL UNITS

Legend symbols include: dashed line for property line, solid line for centerline, solid line with arrow for existing sewer, solid line with arrow for proposed sewer, circle with dot for existing maintenance hole, solid circle for proposed maintenance hole, dashed line for area boundary, and a circle containing area ID, area (ha), and residential units.

DISCLAIMER AND COPYRIGHT CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED. TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF TATHAM ENGINEERING LIMITED.	BENCHMARKS TBM1 - ELEVATION 211.950 TOP NUT FIRE HYDRANT LOCATED AT THE SOUTH WEST CORNER OF LOT 11.	NOTES LEGAL SURVEY, TOPOGRAPHIC INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM A SURVEY PLAN PREPARED BY ZUBEK, EMO, PATTEN & THOMSEN, WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA.	No.	REVISION DESCRIPTION	DATE	ENGINEER STAMP 	CAMPERDOWN CONDOMINIUMS TOWN OF THE BLUE MOUNTAINS		DESIGN: AS	FILE: 117304	DWG:
			1.	SUBMISSION FOR DRAFT PLAN APPROVAL	NOV/2019				2.	SUBMISSION FOR DRAFT PLAN APPROVAL	JUNE/2020
							SANITARY CATCHMENT PLAN		CHECK: RS	SCALE: 1:2000	



KEY PLAN
N.T.S.

LEGEND

- PROPERTY LINE
- EXISTING EDGE OF ASPHALT
- PROPOSED DRAINAGE BOUNDARY
- PROPOSED DRAINAGE AREA ID
- PROPOSED DRAINAGE AREA (ha)
- COMPOSITE RUNOFF COEFFICIENT
- OVERLAND FLOW DIRECTION
- EXISTING SWALE/DITCH
- PROPOSED SWALE

DISCLAIMER AND COPYRIGHT

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BENCHMARKS

TBM1 - ELEVATION 211.950
TOP NUT FIRE HYDRANT LOCATED AT THE SOUTH WEST CORNER OF LOT 11.

NOTES

LEGAL SURVEY, TOPOGRAPHIC INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM A SURVEY PLAN PREPARED BY ZUBEK, EMO, PATTEN & THOMSEN, WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA.

No.	REVISION DESCRIPTION	DATE
1.	SUBMISSION FOR DRAFT PLAN APPROVAL	NOV/2019
2.	SUBMISSION FOR DRAFT PLAN APPROVAL	JUNE/2020
3.	TOWN COMMENTS	OCT/2020

ENGINEER STAMP



CAMPERDOWN CONDOMINIUMS
TOWN OF THE BLUE MOUNTAINS

STORMWATER CATCHMENT AREA
PLAN



DESIGN: AS	FILE: 117304	DWG: STM-1
DRAWN: RD/AC	DATE: DEC., 2017	
CHECK: RS	SCALE: 1:750	